

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089744.D
 Acq On : 17 Aug 2016 5:23
 Operator : UM/SJ
 Sample : PB92884BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BS

Manual Integrations
 APPROVED

sohil
 8/17/2016 6:24:24 PM

Quant Time: Aug 17 07:02:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	683598	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2859357	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	1390416	20.00	ng	0.01
63) Phenanthrene-d10	11.22	188	2524290	20.00	ng	0.01
75) Chrysene-d12	13.90	240	2077237	20.00	ng	0.00
86) Perylene-d12	15.39	264	1874588	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	5642494	137.72	ng	0.02
7) Phenol-d6	6.34	99	6681923	128.22	ng	0.01
23) Nitrobenzene-d5	7.27	82	4254444	90.85	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	1799278	133.76	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	6122535	70.66	ng	0.00
78) Terphenyl-d14	12.81	244	5162832	74.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	696824	32.95	ng	100
3) Pyridine	2.95	79	2130523	39.09	ng	96
4) n-Nitrosodimethylamine	2.91	42	933258	42.66	ng	90
6) Aniline	6.36	93	2443284	34.88	ng	# 78
8) 2-Chlorophenol	6.49	128	2267622	46.53	ng	83
9) Benzaldehyde	6.24	77	602402	17.44	ng	91
10) Phenol	6.35	94	2236832	34.48	ng	86
11) bis(2-Chloroethyl)ether	6.44	93	1902027	39.58	ng	98
12) 1,3-Dichlorobenzene	6.64	146	2054510	39.44	ng	99
13) 1,4-Dichlorobenzene	6.72	146	2196857	41.63	ng	98
14) 1,2-Dichlorobenzene	6.88	146	2041115	40.57	ng	98
15) Benzyl Alcohol	6.86	79	1592990	45.74	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2427005	38.49	ng	95
17) 2-Methylphenol	6.97	107	1879272	48.54	ng	97
18) Hexachloroethane	7.22	117	831446	42.99	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	1438214	42.14	ng	95
20) 3+4-Methylphenols	7.12	107	2259616	45.57	ng	# 84
22) Acetophenone	7.12	105	2481732	37.34	ng	# 95
24) Nitrobenzene	7.29	77	2294307	43.56	ng	95
25) Isophorone	7.53	82	4106418	43.83	ng	99
26) 2-Nitrophenol	7.61	139	1189942	48.01	ng	99
27) 2,4-Dimethylphenol	7.66	122	2161498	46.01	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	2530681	44.45	ng	98
29) 2,4-Dichlorophenol	7.85	162	1877841	48.01	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	1738072	41.39	ng	99
31) Naphthalene	8.01	128	5346193	41.66	ng	95
32) Benzoic acid	7.79	122	1328543	36.37	ng	99
33) 4-Chloroaniline	8.06	127	1368387	23.04	ng	# 86
34) Hexachlorobutadiene	8.14	225	925494	41.96	ng	99
35) Caprolactam	8.44	113	629875m	52.25	ng	
36) 4-Chloro-3-methylphenol	8.55	107	1913141	44.93	ng	92
37) 2-Methylnaphthalene	8.71	142	4193622	48.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1240697	27.76	ng	98
40) Hexachlorocyclopentadiene	8.87	237	1930285	96.90	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1245325	43.13	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	1259577	45.75	nq	95
45) 1,1'-Biphenyl	9.18	154	4249927	36.91	nq	94
46) 2-Chloronaphthalene	9.19	162	3455885	40.05	nq	98
47) 2-Nitroaniline	9.29	65	1348557	51.29	nq	# 77
48) Acenaphthylene	9.61	152	5802405	43.68	nq	99
49) Dimethylphthalate	9.48	163	4362479	43.36	nq	# 97
50) 2,6-Dinitrotoluene	9.53	165	1008329	44.28	nq	# 80
51) Acenaphthene	9.78	154	4353848	48.57	nq	99
52) 3-Nitroaniline	9.70	138	813901	30.74	nq	# 70
53) 2,4-Dinitrophenol	9.80	184	1034758	101.26	nq	99
54) Dibenzofuran	9.95	168	5221996	47.34	nq	97
55) 4-Nitrophenol	9.86	139	1929524	94.74	nq	87
56) 2,4-Dinitrotoluene	9.94	165	1399488	47.81	nq	91
57) Fluorene	10.28	166	3698919	41.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1069744	49.75	nq	98
59) Diethylphthalate	10.18	149	4150067	40.68	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	1531011	34.99	nq	93
61) 4-Nitroaniline	10.32	138	1246670	48.50	nq	100
62) Azobenzene	10.44	77	4435921	46.02	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	693897	47.34	nq	90
65) n-Nitrosodiphenylamine	10.41	169	3652126	46.10	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	1157846	44.29	nq	# 83
67) Hexachlorobenzene	10.83	284	1201435	41.34	nq	# 81
68) Atrazine	10.94	200	1089778	45.41	nq	97
69) Pentachlorophenol	11.03	266	1435614	79.30	nq	98
70) Phenanthrene	11.24	178	5110440m	41.19	nq	
71) Anthracene	11.30	178	5743972	44.31	nq	98
72) Carbazole	11.45	167	5062609	41.22	nq	94
73) Di-n-butylphthalate	11.80	149	6437746	43.09	nq	97
74) Fluoranthene	12.42	202	5111445	41.00	nq	90
76) Benzidine	12.56	184	2849675	38.22	nq	98
77) Pyrene	12.65	202	5059445	37.22	nq	93
79) Butylbenzylphthalate	13.30	149	2815181	41.28	nq	# 83
80) Benzo(a)anthracene	13.89	228	5144086	42.62	nq	96
81) 3,3'-Dichlorobenzidine	13.85	252	1369540	31.14	nq	98
82) Chrysene	13.93	228	4369514	40.23	nq	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	3699688	40.99	nq	# 98
84) Di-n-octyl phthalate	14.59	149	6049589	43.13	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	4576883	49.46	nq	100
87) Benzo(b)fluoranthene	15.01	252	4807578	40.47	nq	97
88) Benzo(k)fluoranthene	15.04	252	4653587m	47.60	nq	
89) Benzo(a)pyrene	15.34	252	4703672	47.97	nq	97
90) Dibenzo(a,h)anthracene	16.73	278	3760119	48.70	nq	97
91) Benzo(g,h,i)perylene	17.10	276	3774770	48.03	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```

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Misc      :
ALS Vial  : 18    Sample Multiplier: 1

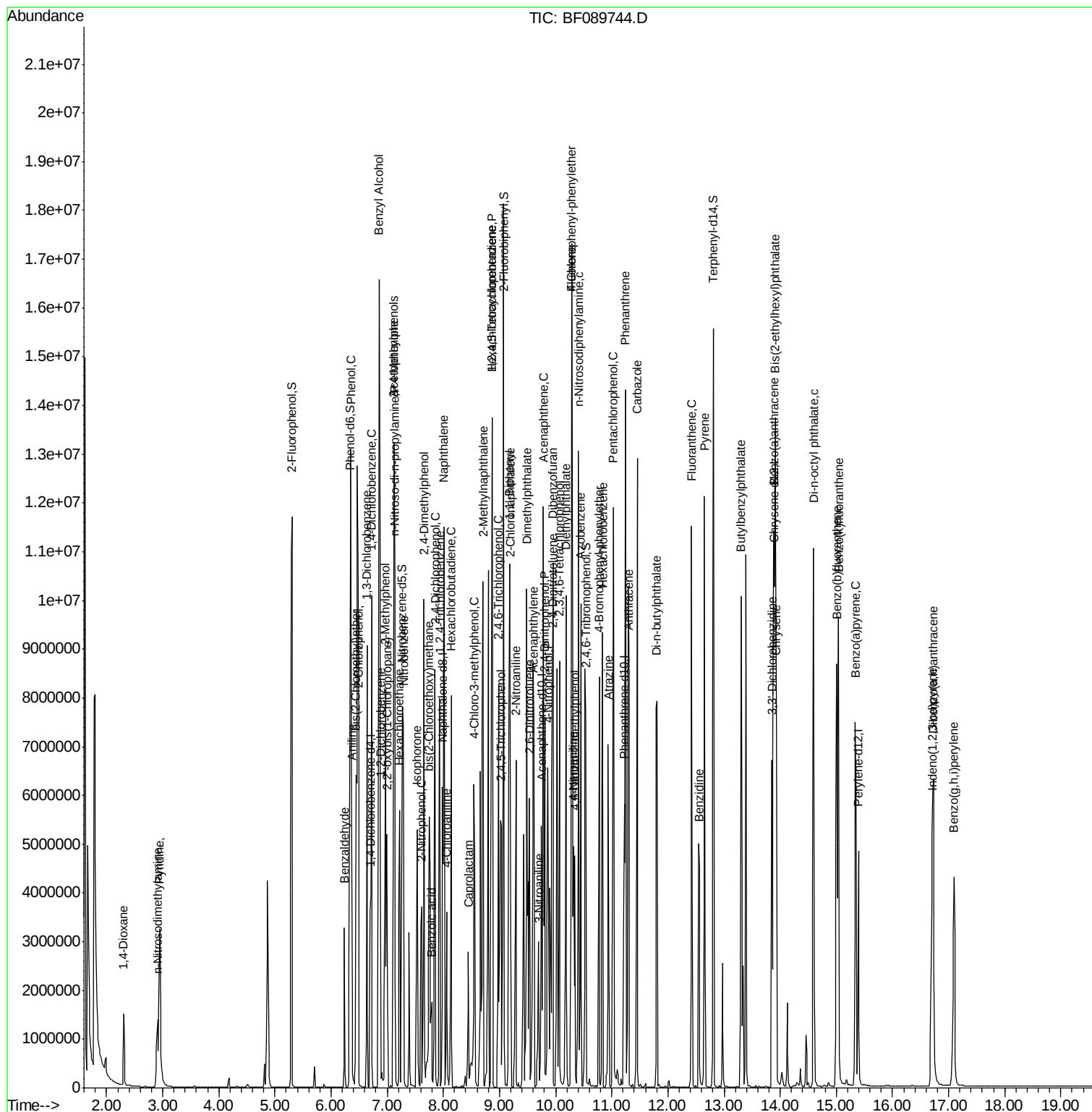
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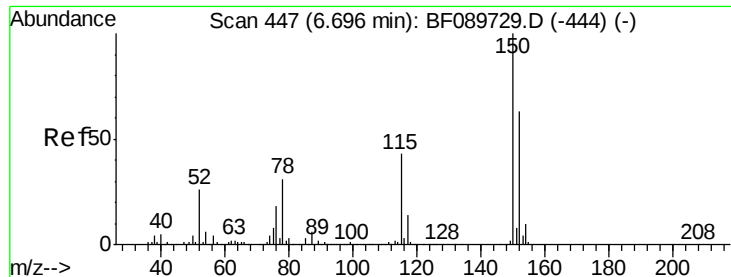
Instrument :
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampled :

PB92884BS

Tot Ion:152 Resp: 683598

Ion Ratio Lower Upper

152 100

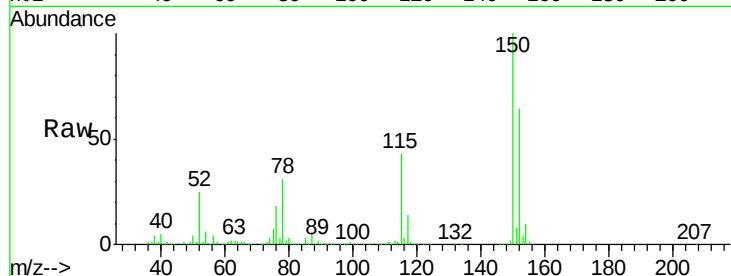
150 157.3 125.3 187.9

115 67.1 40.9 61.3#

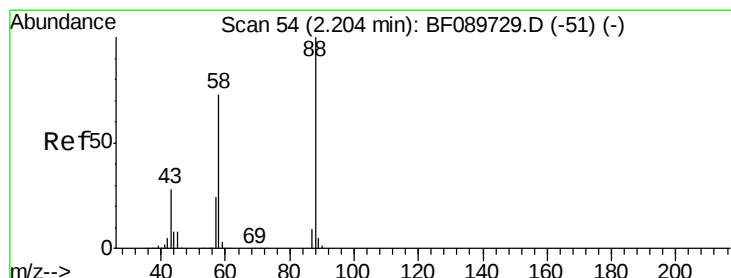
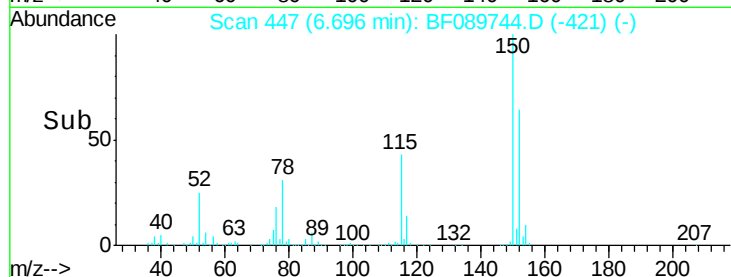
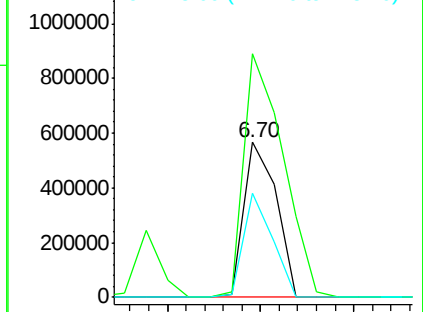
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.95 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.10 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

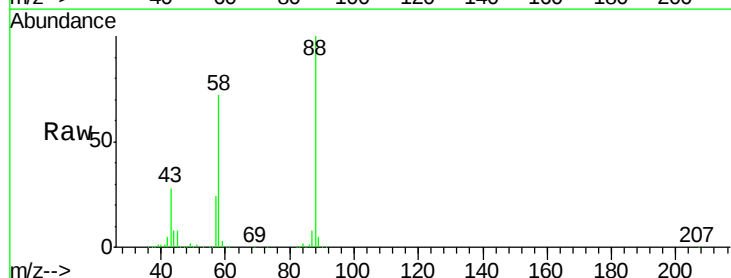
Tgt Ion: 88 Resp: 696824

Ion Ratio Lower Upper

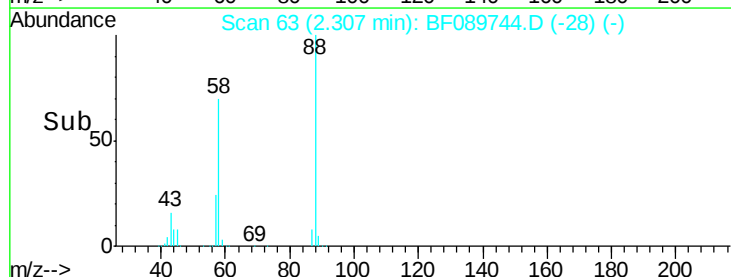
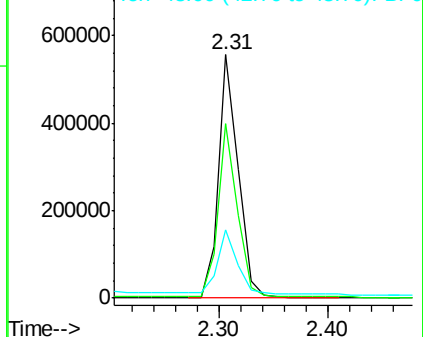
88 100

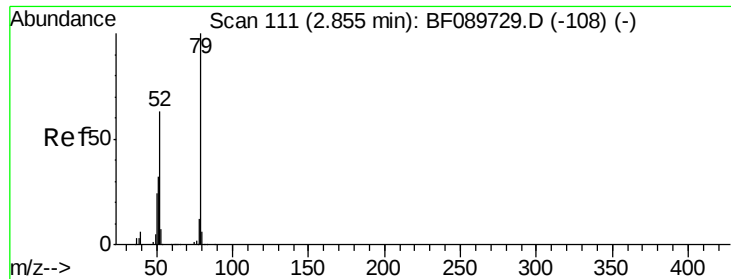
58 71.0 57.0 85.4

43 27.6 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.09 ng

RT: 2.95 min Scan# 119

Delta R.T. 0.09 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion: 79 Resp: 2130523

Ion Ratio Lower Upper

79 100

52 63.7 53.6 80.4

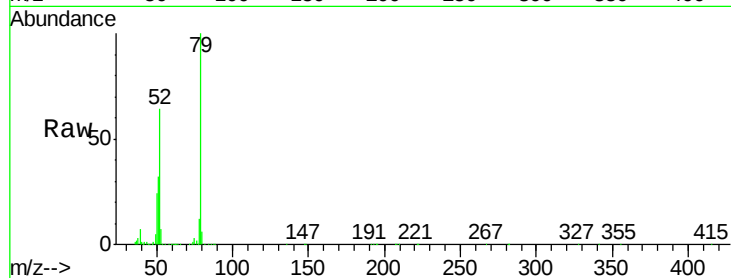
51 31.6 26.6 39.8

Manual Integrations

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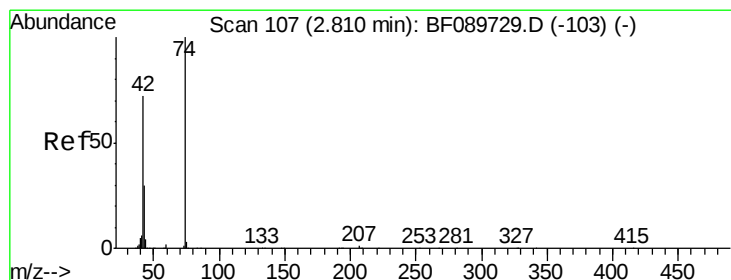
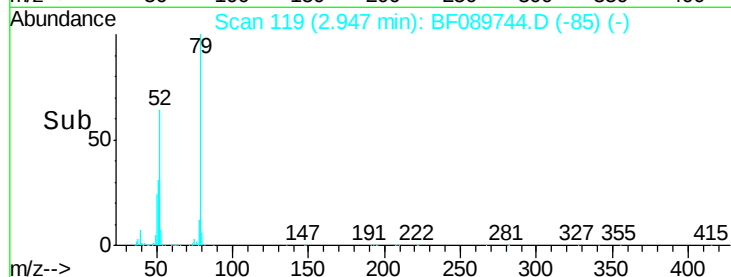
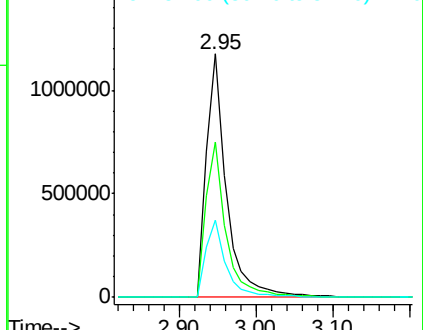
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.66 ng

RT: 2.91 min Scan# 116

Delta R.T. 0.10 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Tgt Ion: 42 Resp: 933258

Ion Ratio Lower Upper

42 100

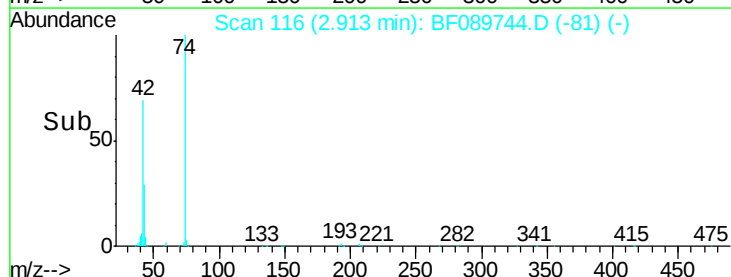
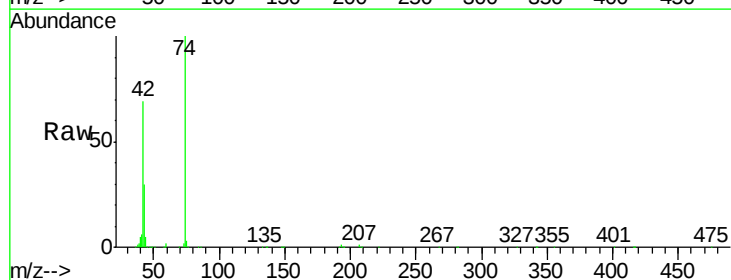
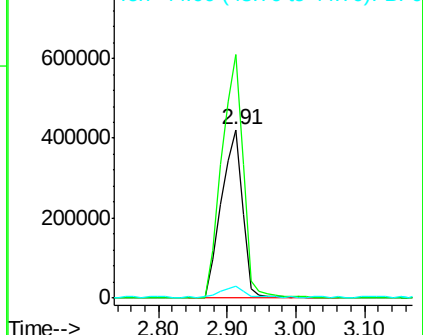
74 144.6 106.2 159.2

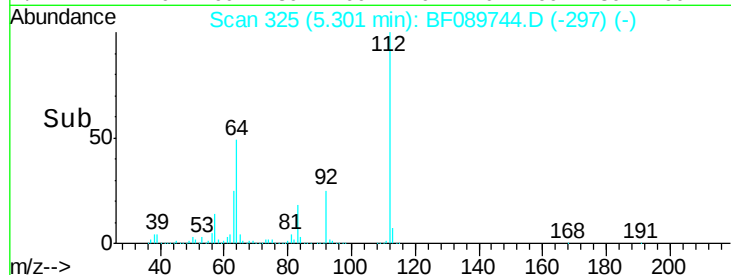
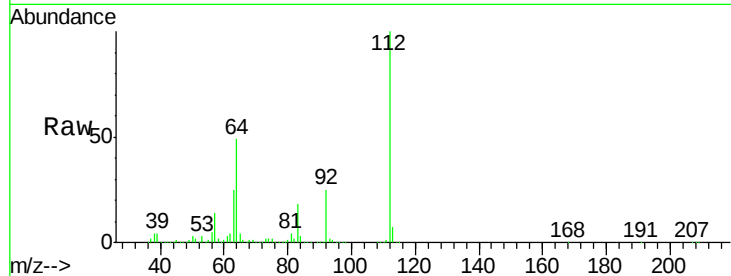
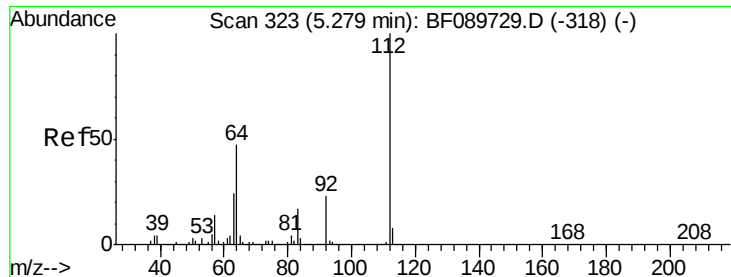
44 7.1 6.9 10.3

Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 137.72 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.02 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Tot Ion:	112	Resp:	5642494
Ion	Ratio	Lower	Upper
112	100		
64	48.5	45.0	67.4
63	24.8	23.1	34.7

Instrument :

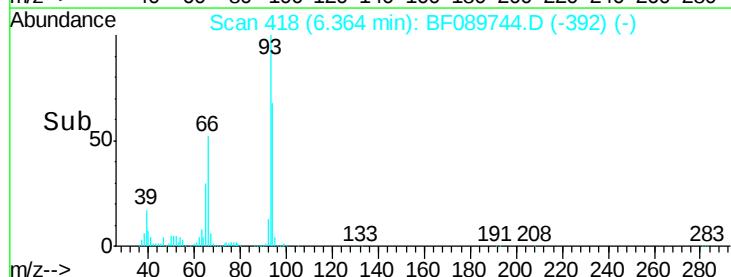
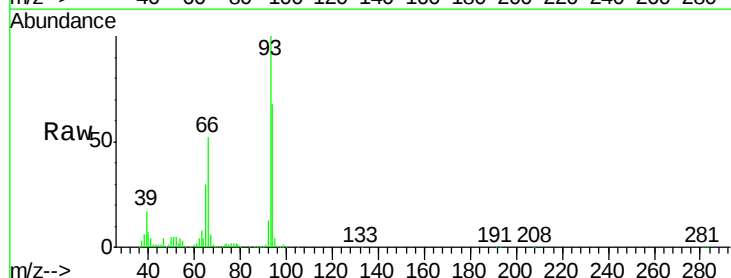
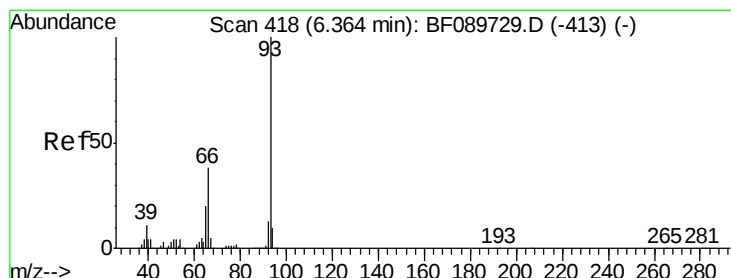
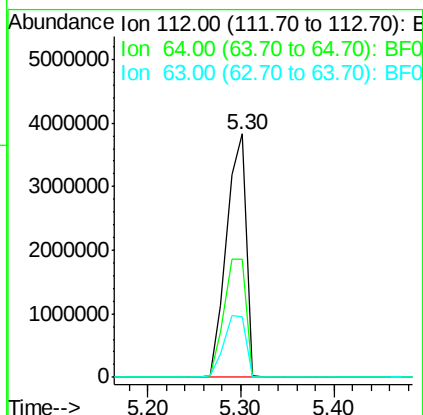
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#6

Aniline

Concen: 34.88 ng

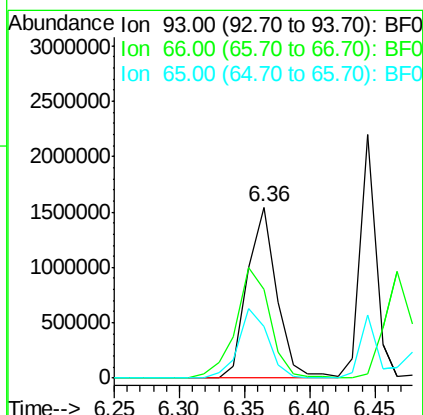
RT: 6.36 min Scan# 418

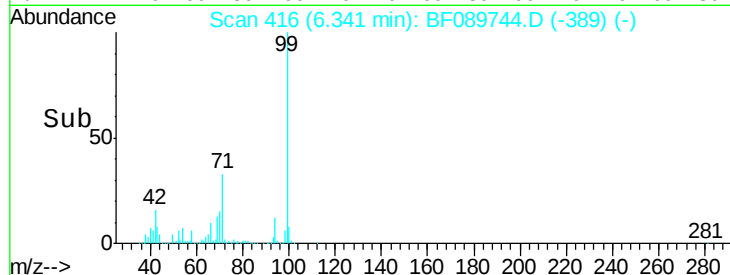
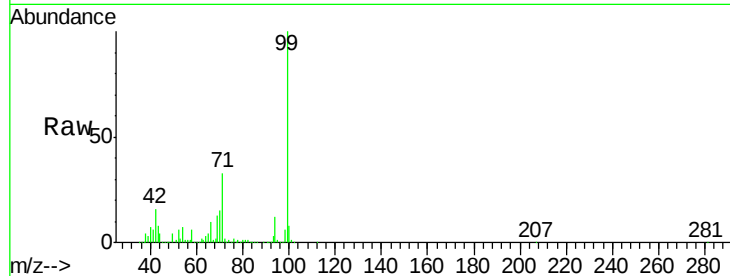
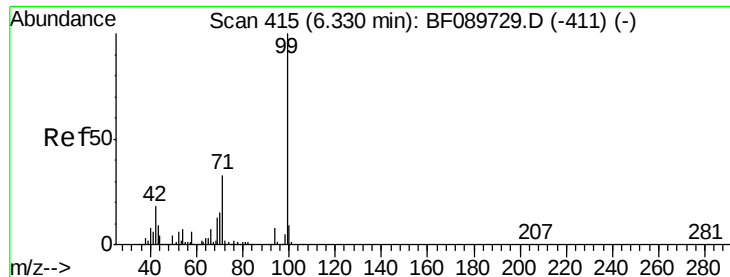
Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Tgt Ion:	93	Resp:	2443284
Ion	Ratio	Lower	Upper
93	100		
66	51.6	30.6	46.0#
65	30.0	15.4	23.2#





#7

Phenol-d6

Concen: 128.22 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Tot Ion: 99 Resp: 6681923

Ion Ratio Lower Upper

99 100

42 16.5 12.2 18.4

71 33.2 23.8 35.8

Instrument :

BNA_F

ClientSampled :

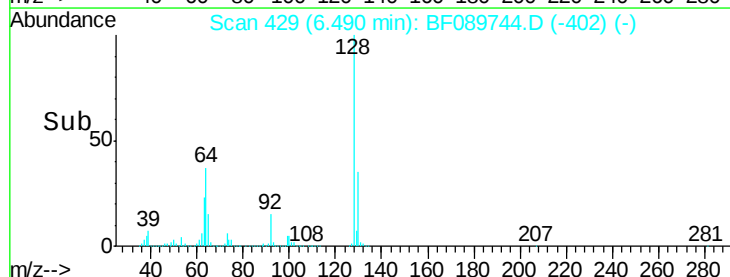
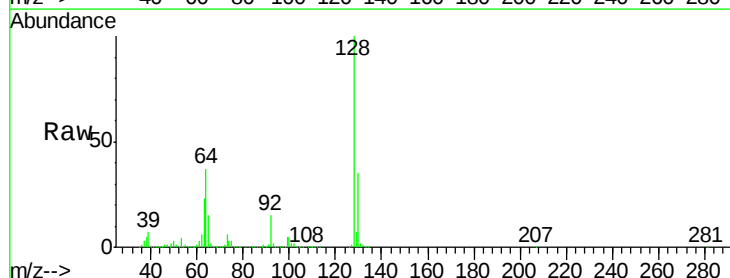
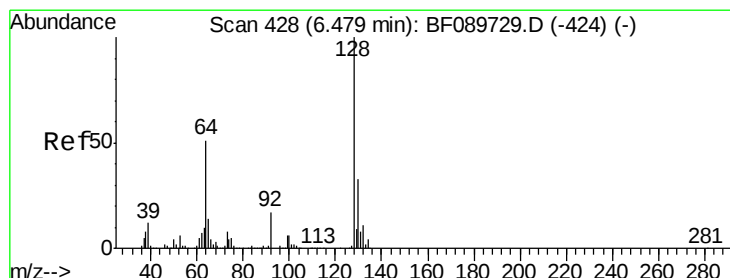
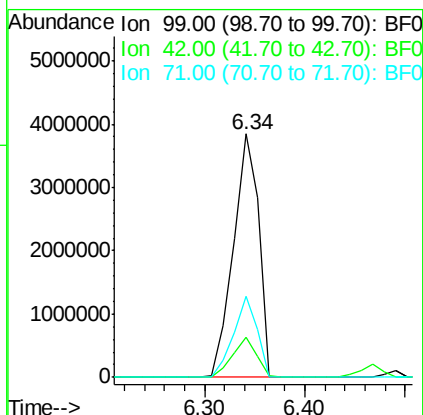
PB92884BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 46.53 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

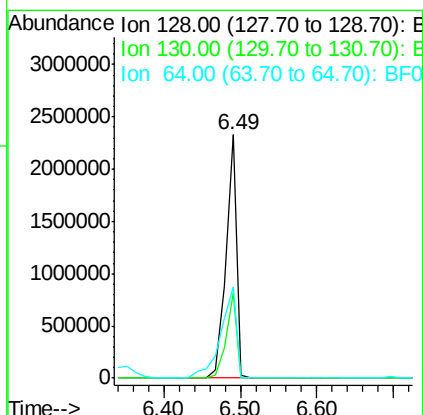
Tgt Ion:128 Resp: 2267622

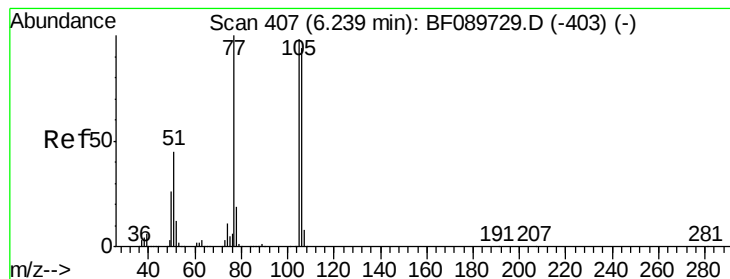
Ion Ratio Lower Upper

128 100

130 34.7 12.0 52.0

64 37.3 35.1 75.1





#9

Benzaldehyde

Concen: 17.44 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

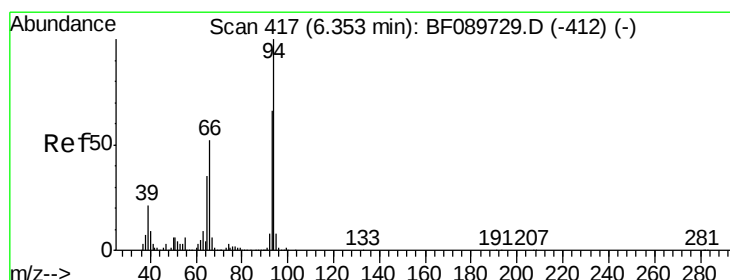
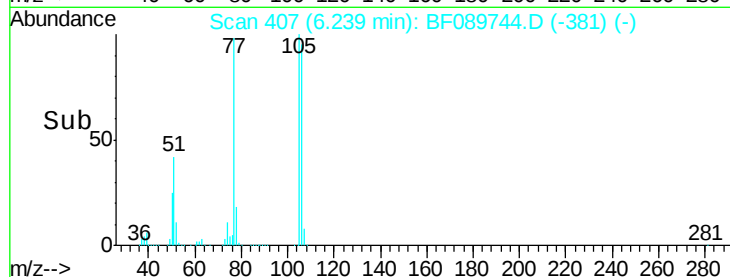
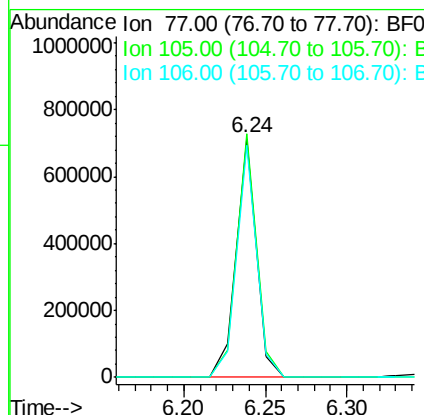
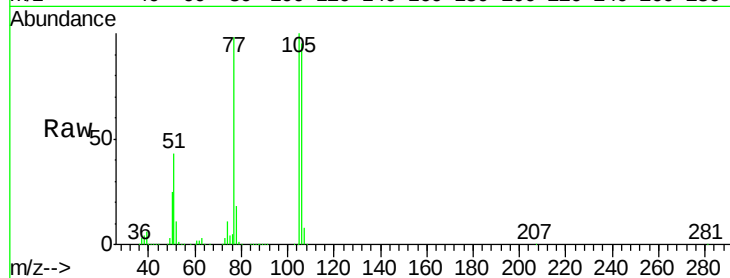
ClientSampleId :

PB92884BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	73.3	113.3
106	97.4	68.6	108.6

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#10

Phenol

Concen: 34.48 ng

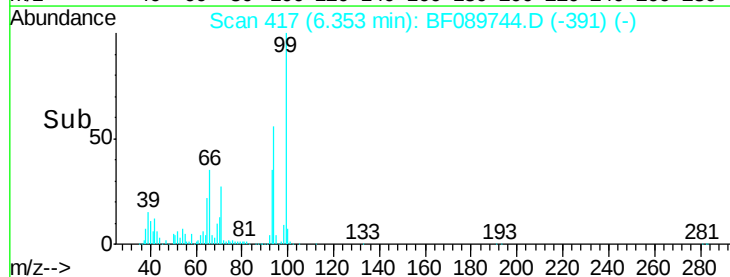
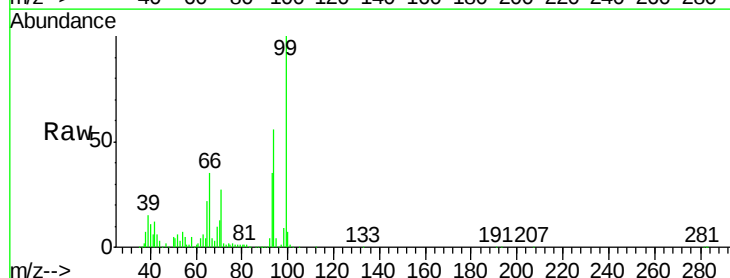
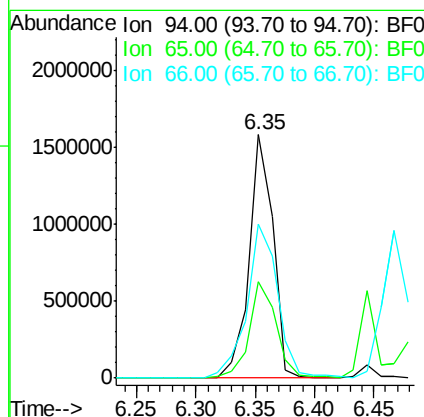
RT: 6.35 min Scan# 417

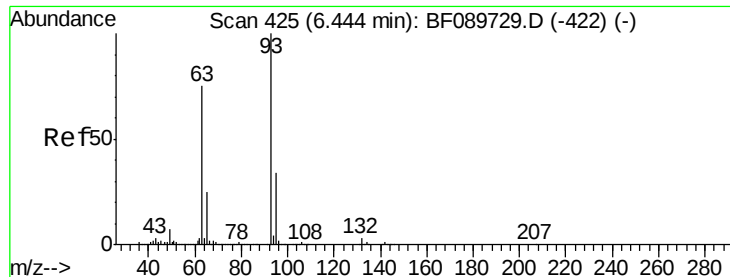
Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.7	14.0	54.0
66	63.3	31.2	71.2





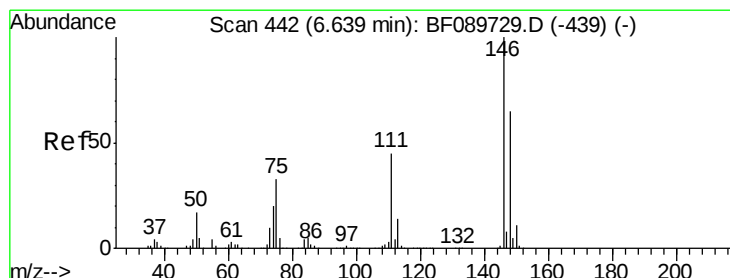
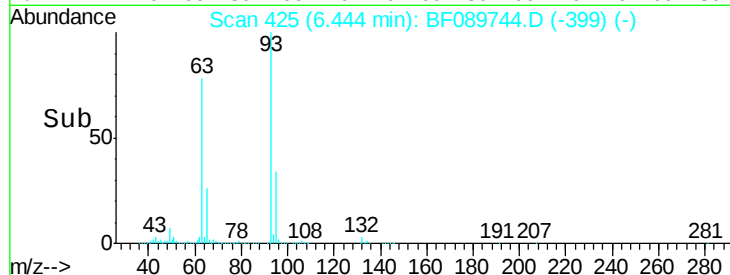
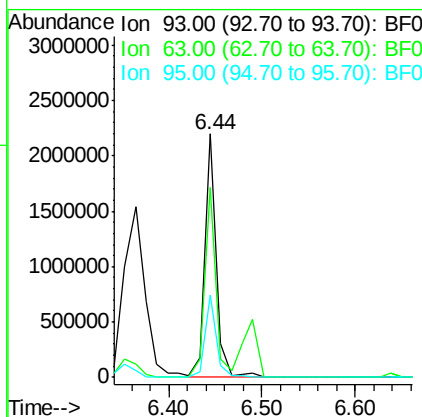
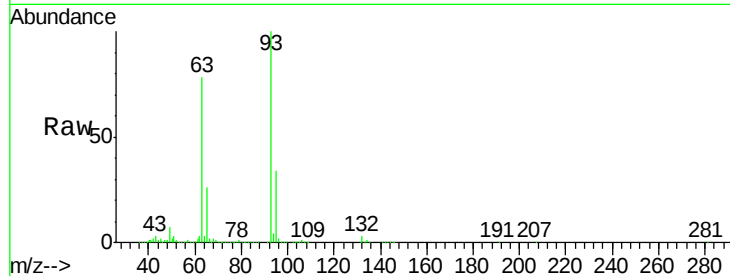
#11
bis(2-Chloroethyl)ether
Concen: 39.58 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampleID :
PB92884BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	55.8	95.8
95	33.9	13.0	53.0

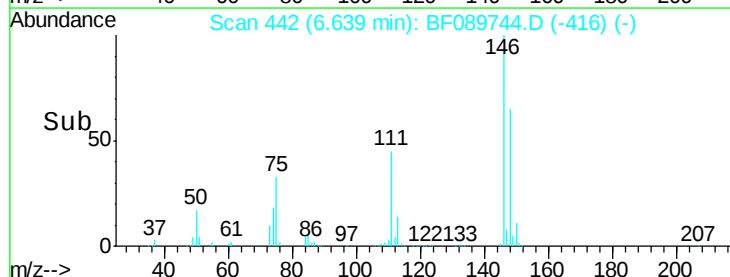
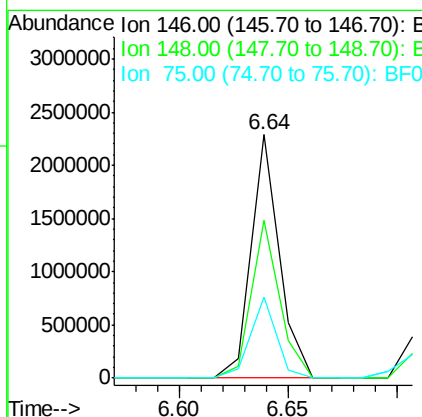
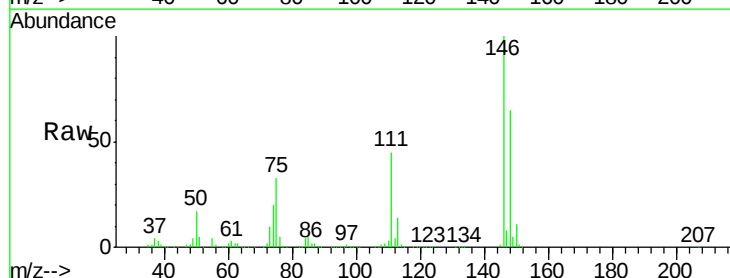
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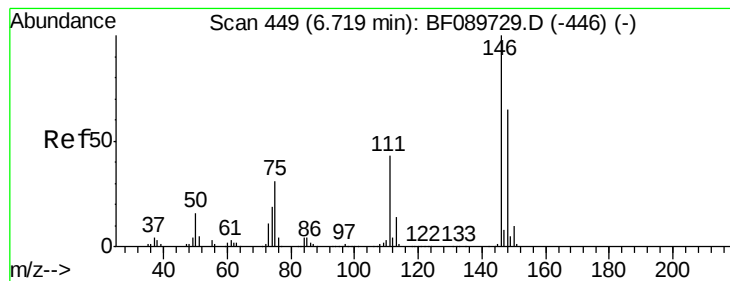
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#12
1,3-Dichlorobenzene
Concen: 39.44 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
75	33.2	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 41.63 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:146 Resp: 2196857

Ion Ratio Lower Upper

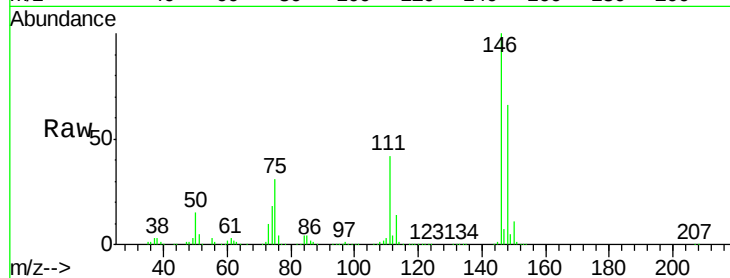
146 100

148 65.8 51.0 76.6

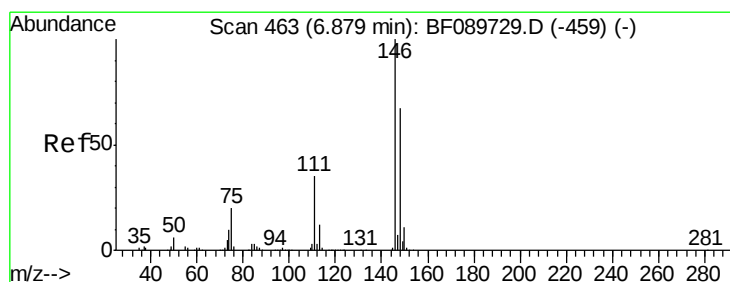
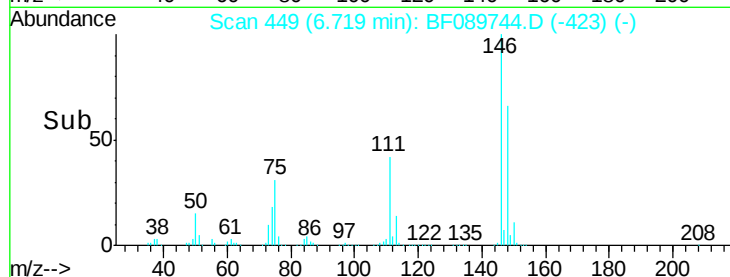
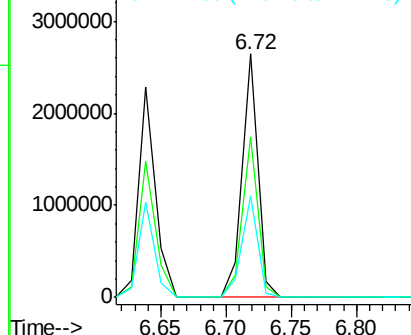
111 41.8 34.6 52.0

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.57 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

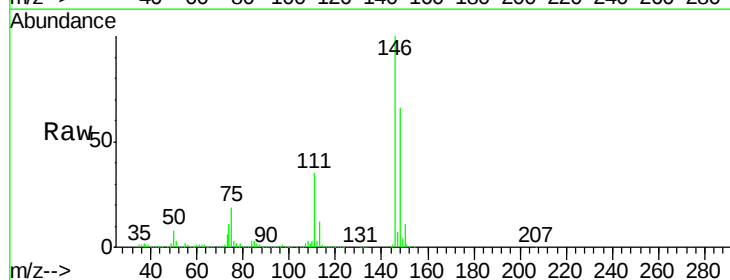
Tgt Ion:146 Resp: 2041115

Ion Ratio Lower Upper

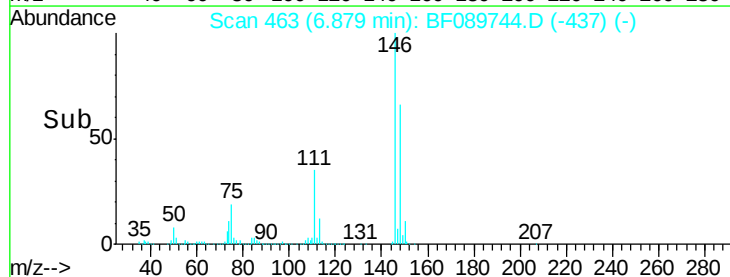
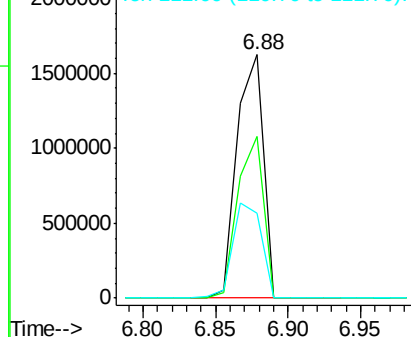
146 100

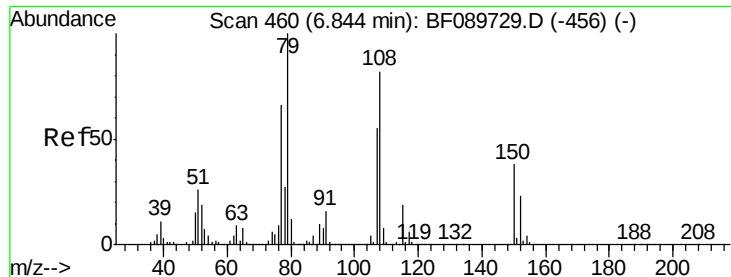
148 66.5 52.2 78.2

111 35.1 29.8 44.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.74 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion: 79 Resp: 1592990

Ion Ratio Lower Upper

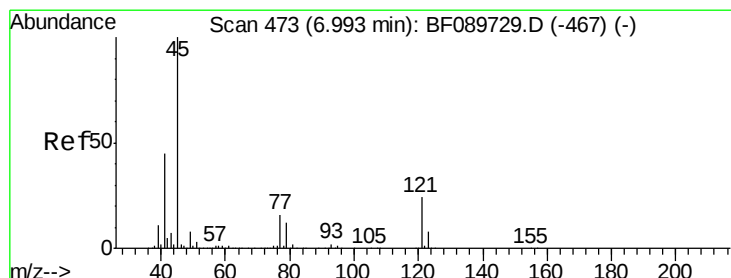
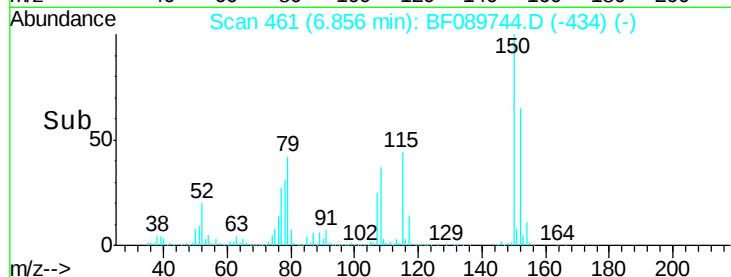
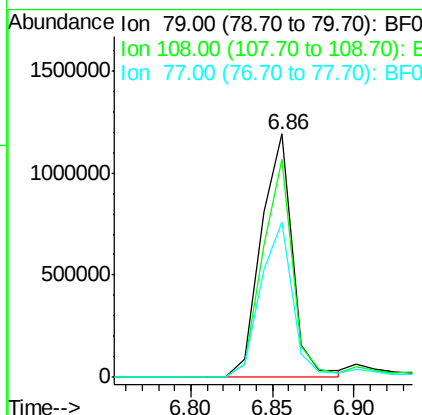
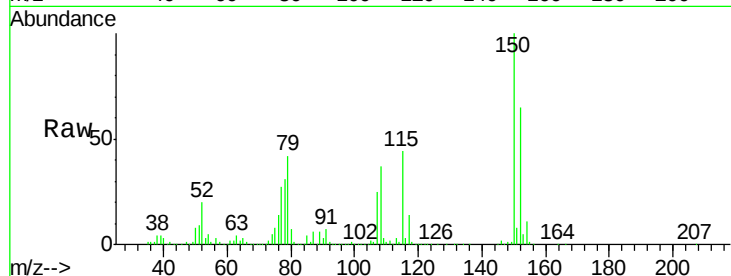
79 100

108 89.7 62.5 93.7

77 63.7 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.49 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

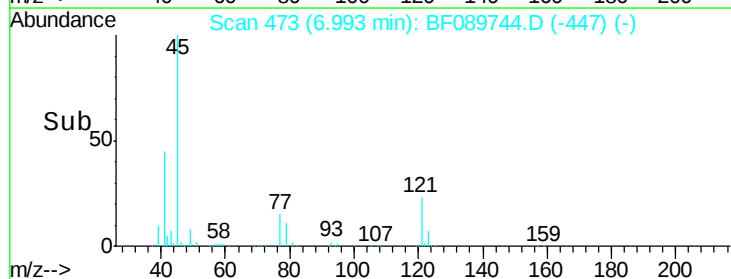
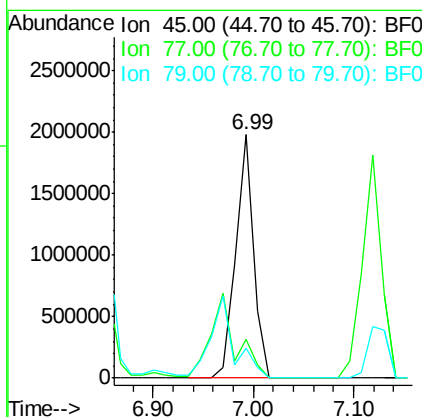
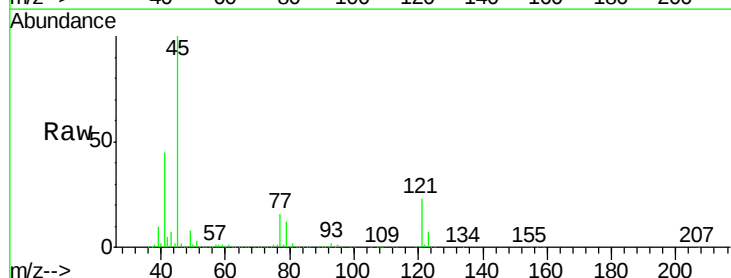
Tgt Ion: 45 Resp: 2427005

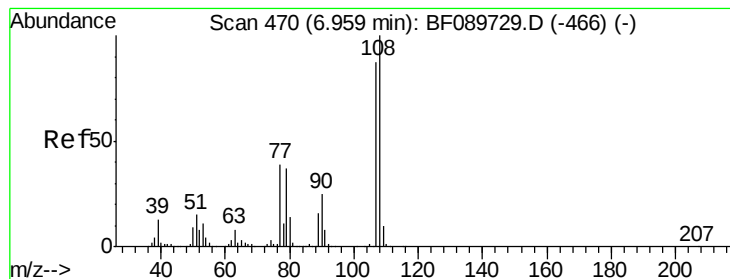
Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.5

79 12.4 0.0 30.7





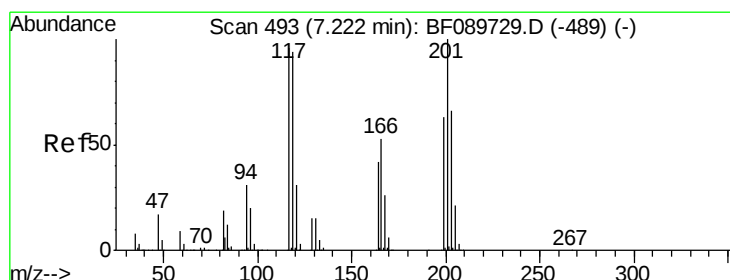
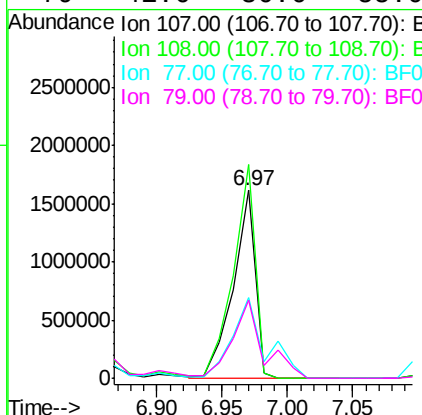
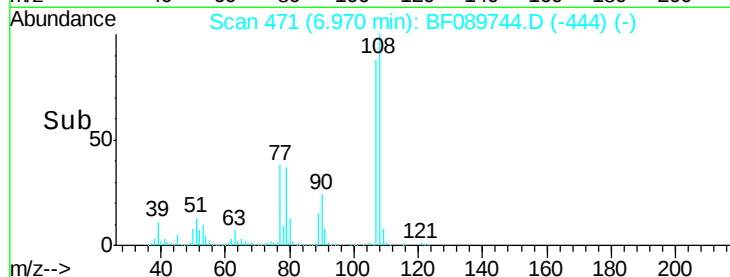
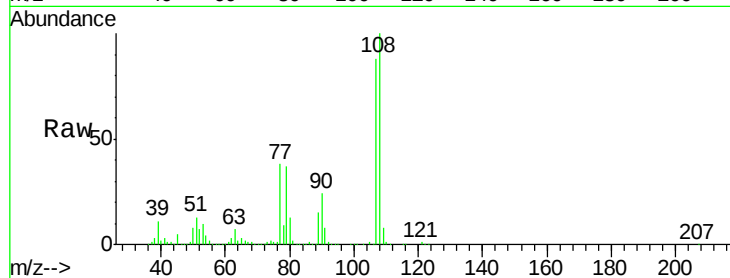
#17
2-Methylphenol
Concen: 48.54 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampled :
PB92884BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.0	136.4
77	43.0	37.4	56.0
79	41.6	36.6	55.0

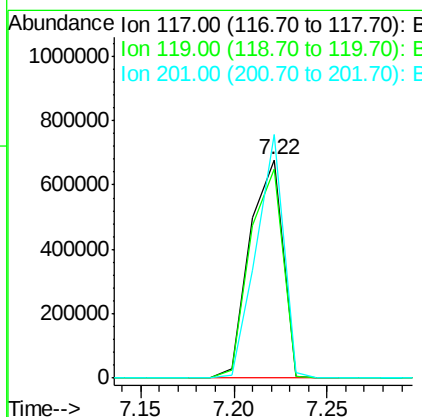
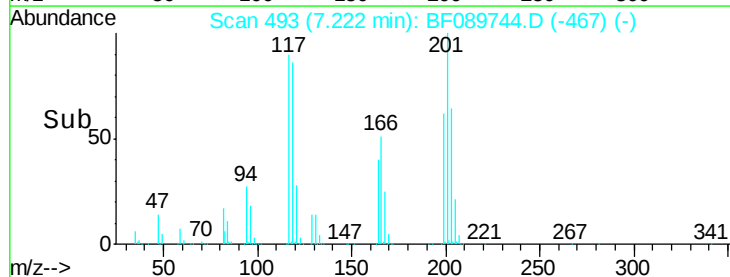
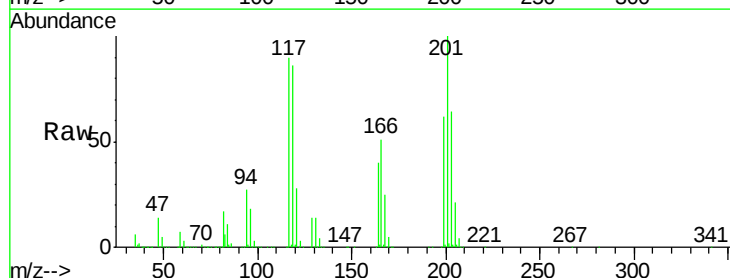
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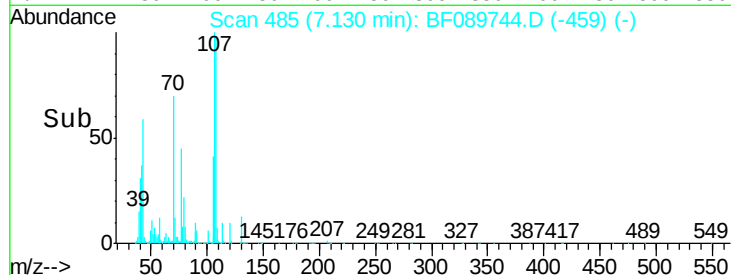
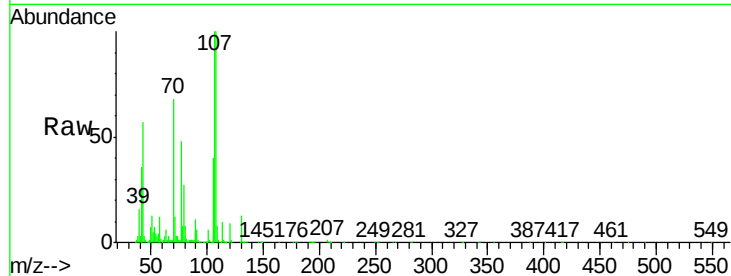
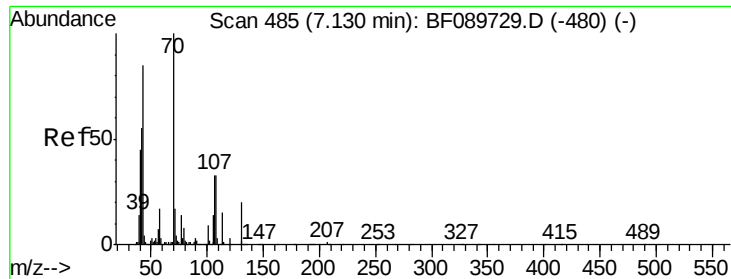
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#18
Hexachloroethane
Concen: 42.99 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.1	115.7
201	111.5	76.9	115.3





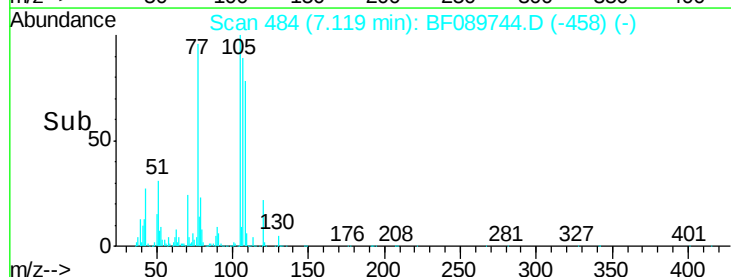
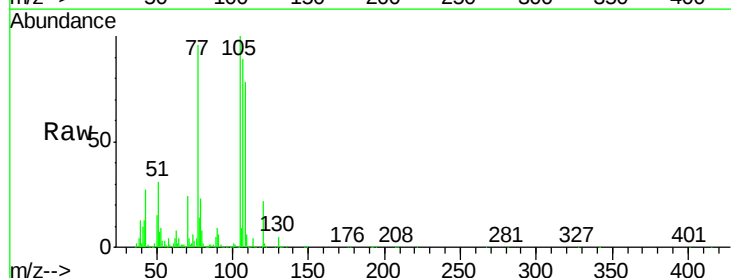
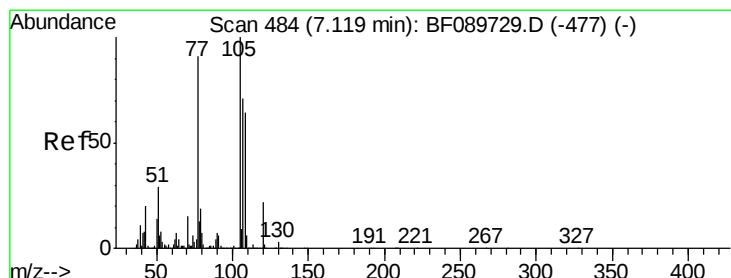
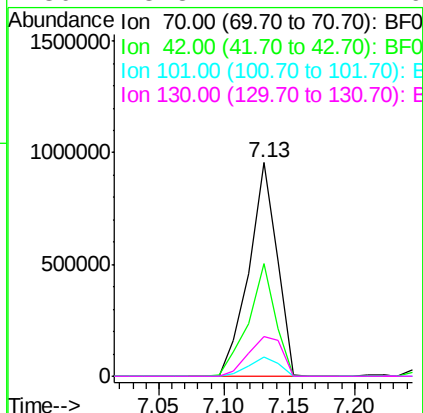
#19
n-Nitroso-di-n-propylamine
Concen: 42.14 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampleId :
PB92884BS

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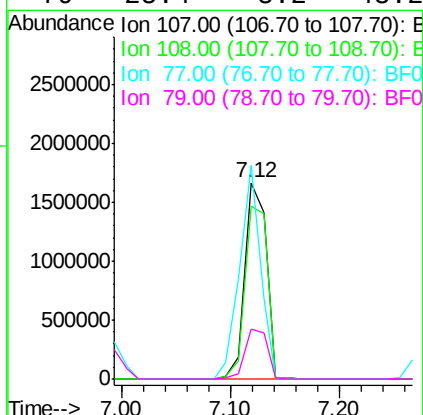
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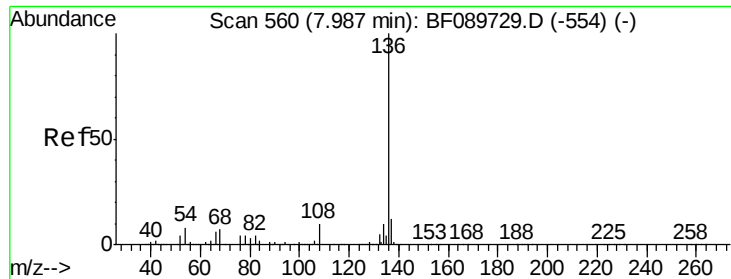
Tot Ion	Ion	Ratio	Lower	Upper
1438214	70	100		
	42	53.0	46.3	69.5
	101	9.1	7.0	10.6
	130	18.8	14.4	21.6



#20
3+4-Methylphenols
Concen: 45.57 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion	Ion	Ratio	Lower	Upper
2259616	107	100		
	108	88.1	68.2	108.2
	77	108.9	122.3	162.3#
	79	25.4	8.2	48.2





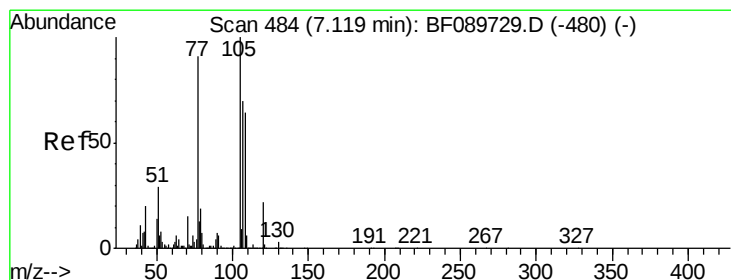
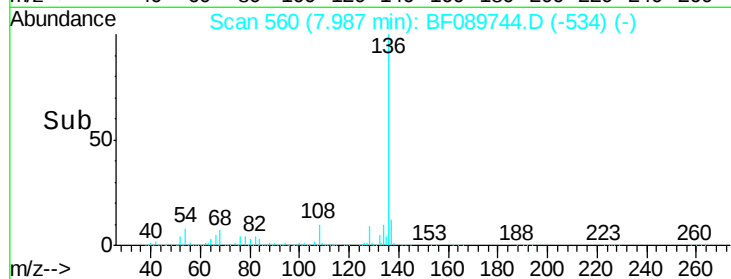
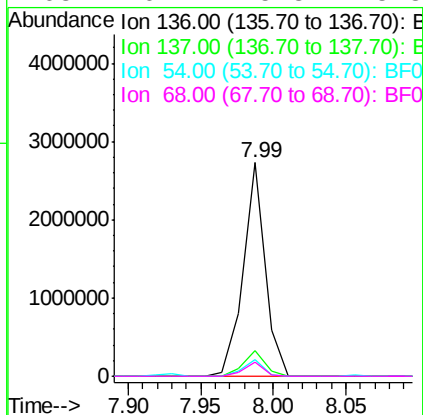
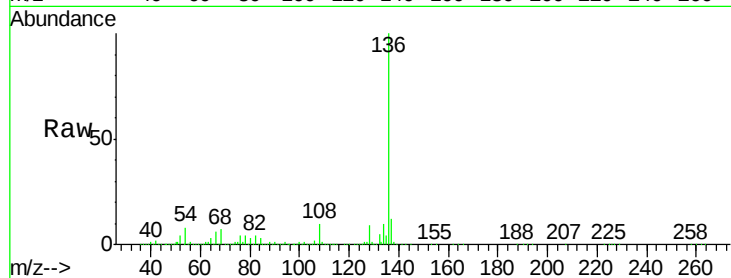
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampleId :
PB92884BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		2859357		
137	11.9	9.2	13.8		
54	7.6	7.2	10.8		
68	6.7	5.8	8.8		

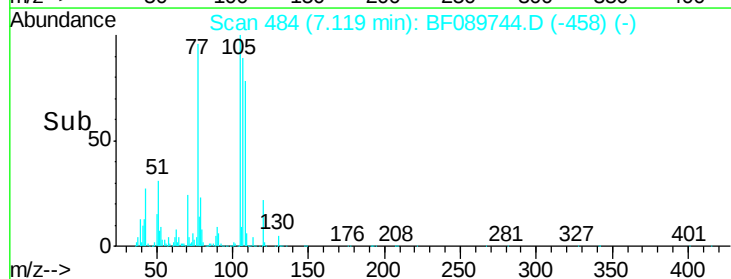
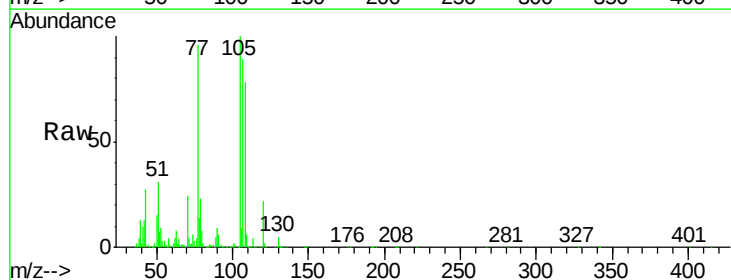
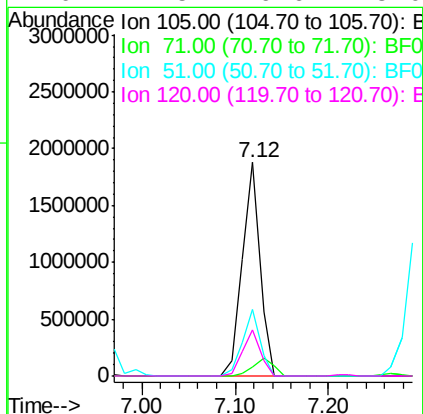
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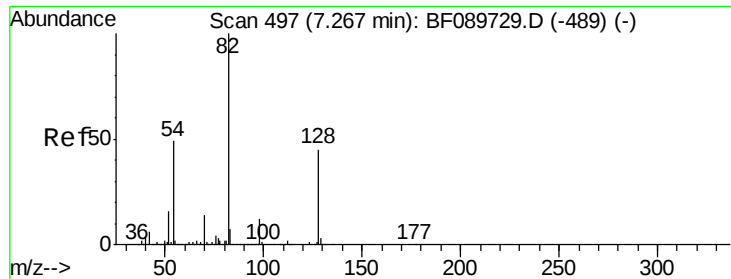
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#22
Acetophenone
Concen: 37.34 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		2481732		
71	4.2	1.9	2.9#		
51	31.3	28.5	42.7		
120	21.5	16.6	25.0		





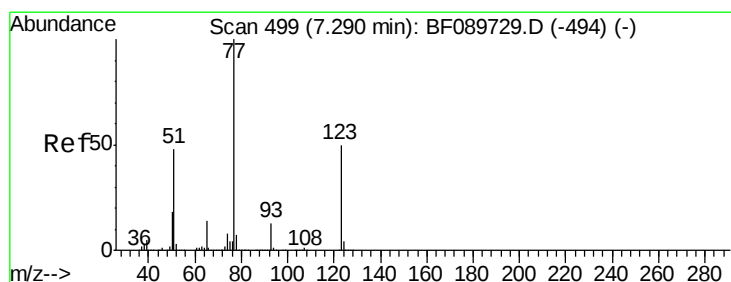
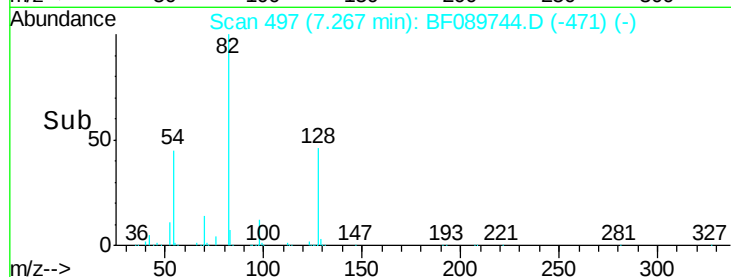
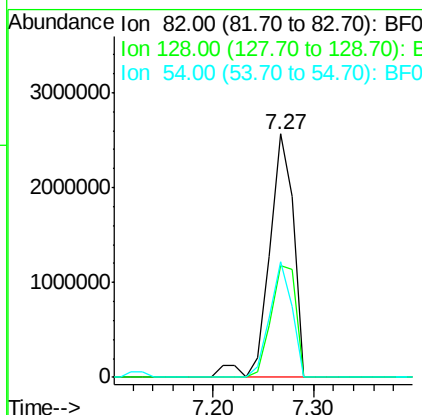
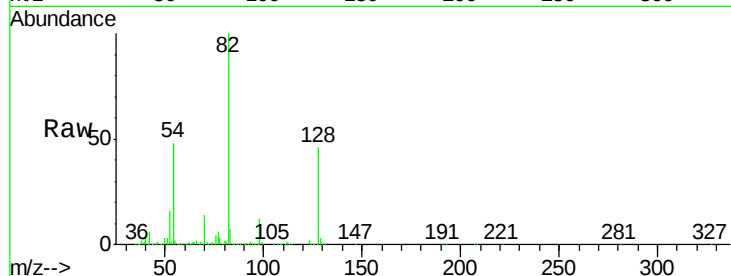
#23
 Nitrobenzene-d5
 Concen: 90.85 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Instrument :
 BNA_F
 ClientSampled :
 PB92884BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.4	51.6
54	47.5	40.3	60.5

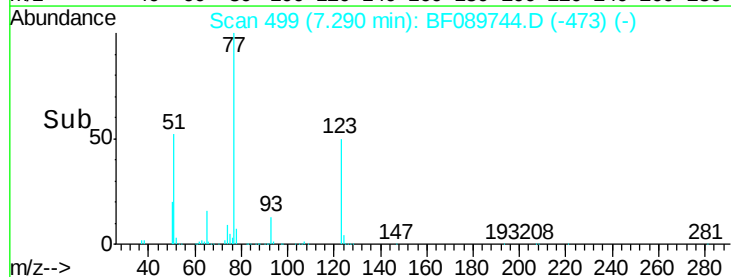
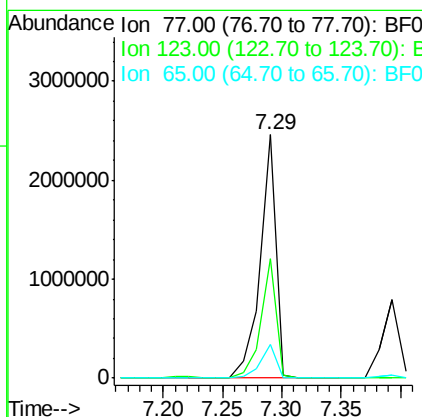
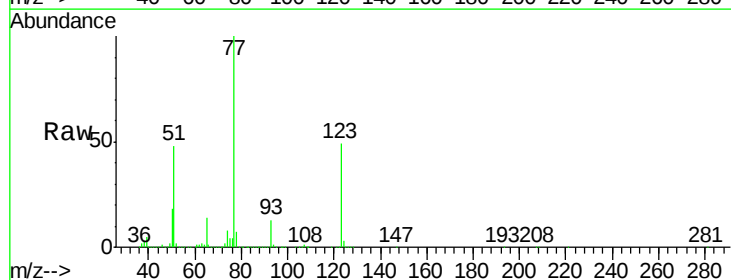
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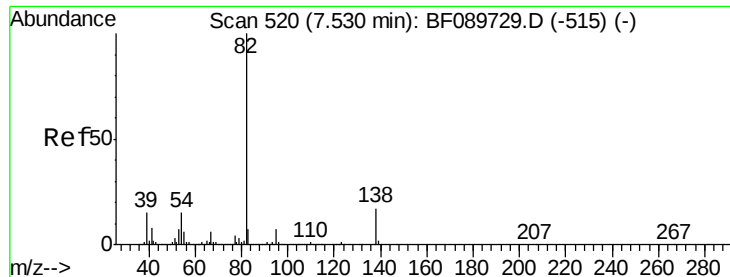
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#24
 Nitrobenzene
 Concen: 43.56 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	36.2	54.2
65	13.7	10.6	15.8





#25

Isophorone

Concen: 43.83 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion: 82 Resp: 4106418

Ion Ratio Lower Upper

82 100

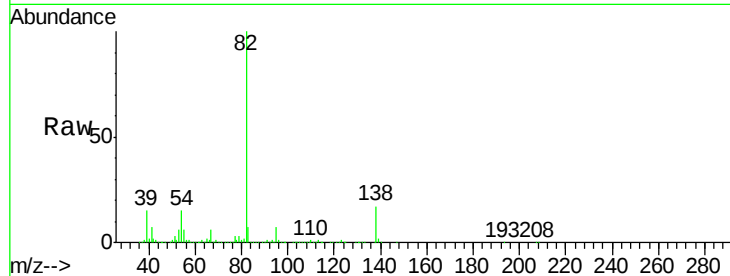
95 6.8 5.3 7.9

138 16.8 13.0 19.4

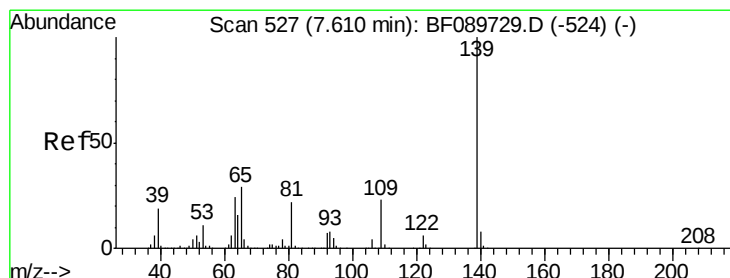
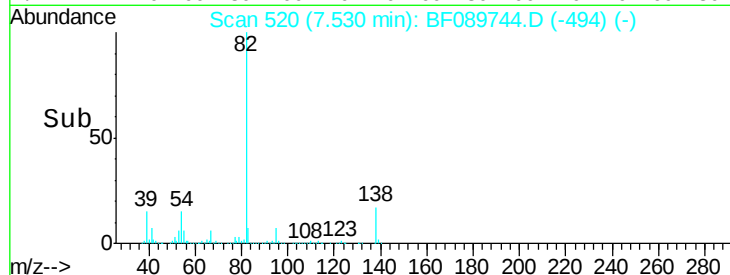
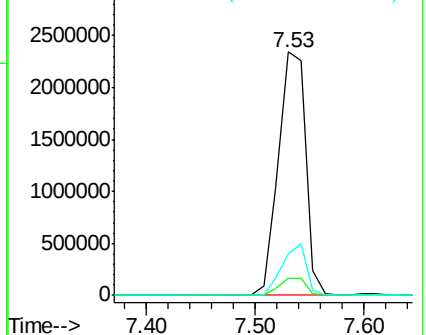
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.01 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

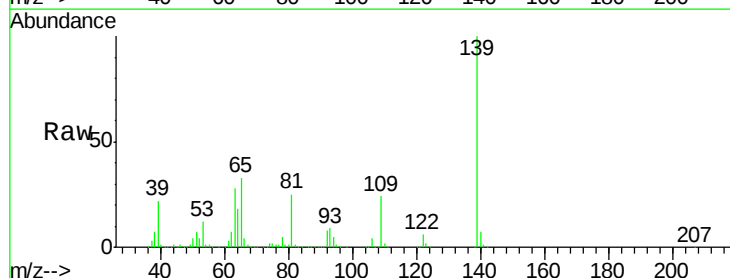
Tgt Ion:139 Resp: 1189942

Ion Ratio Lower Upper

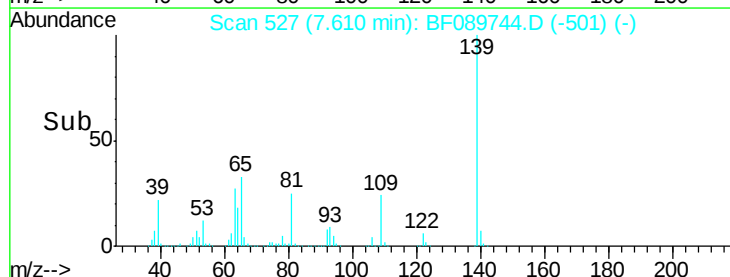
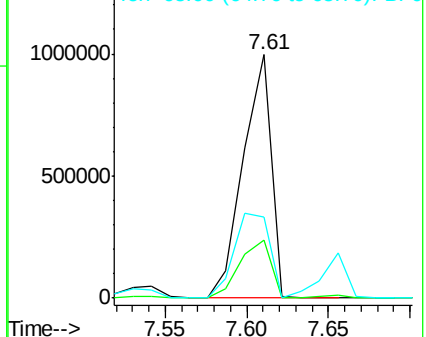
139 100

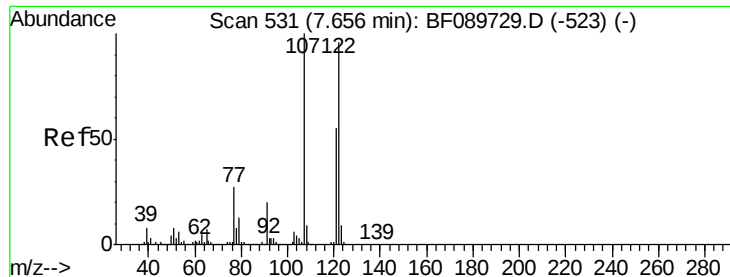
109 23.7 19.5 29.3

65 33.1 26.5 39.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.01 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampled :

PB92884BS

Tot Ion:122 Resp: 2161498

Ion Ratio Lower Upper

122 100

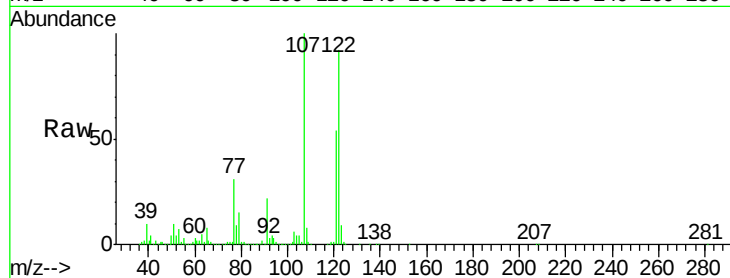
107 108.3 84.8 127.2

121 58.0 47.0 70.6

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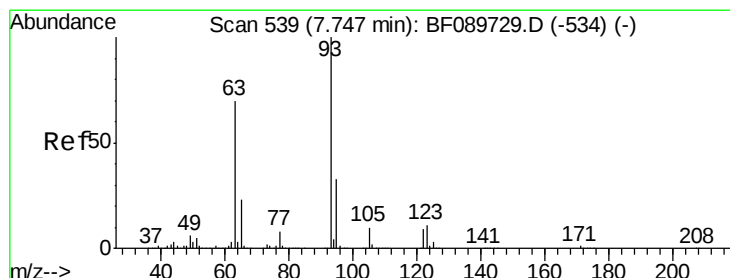
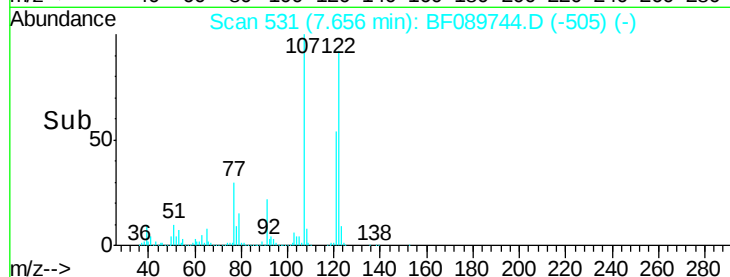
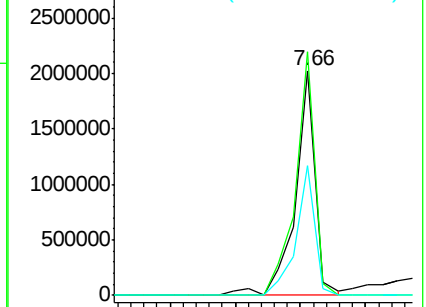
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.45 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

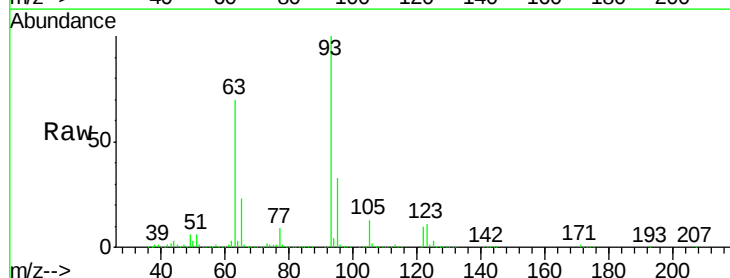
Tgt Ion: 93 Resp: 2530681

Ion Ratio Lower Upper

93 100

95 33.2 25.5 38.3

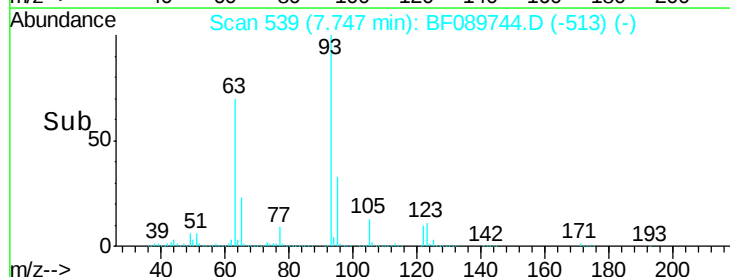
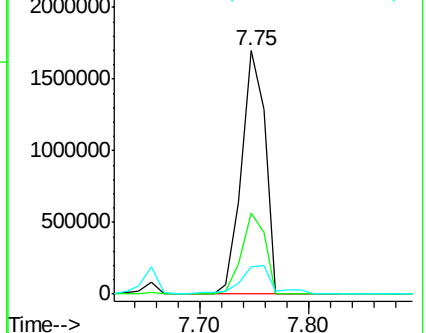
123 11.4 8.5 12.7

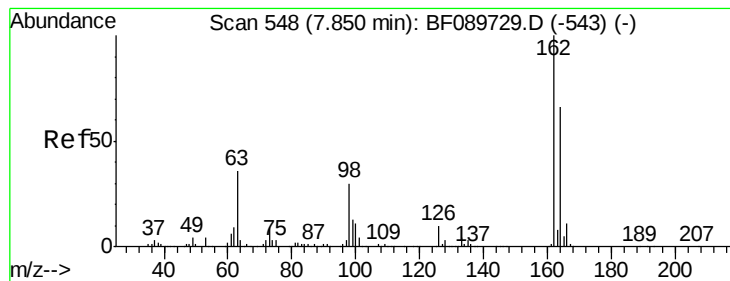


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.01 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampled :

PB92884BS

Tot Ion:162 Resp: 1877841

Ion Ratio Lower Upper

162 100

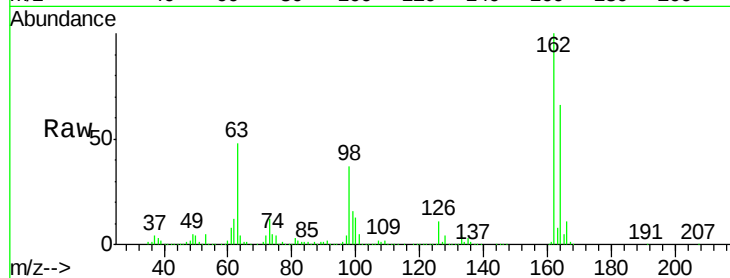
164 65.7 45.5 85.5

98 37.2 12.4 52.4

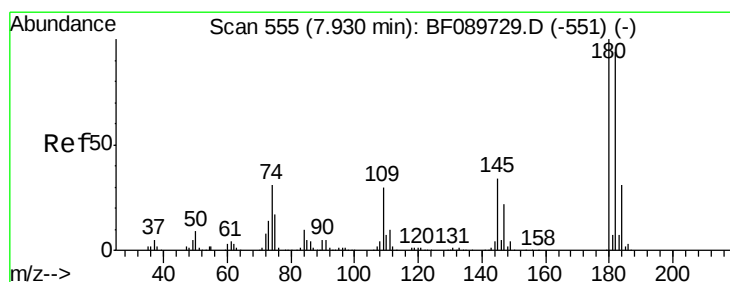
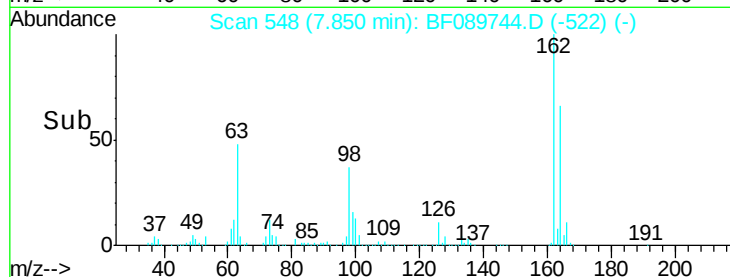
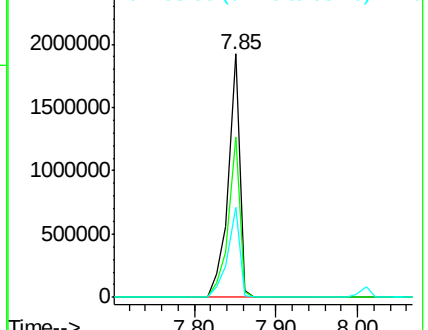
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO



#30

1,2,4-Trichlorobenzene

Concen: 41.39 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

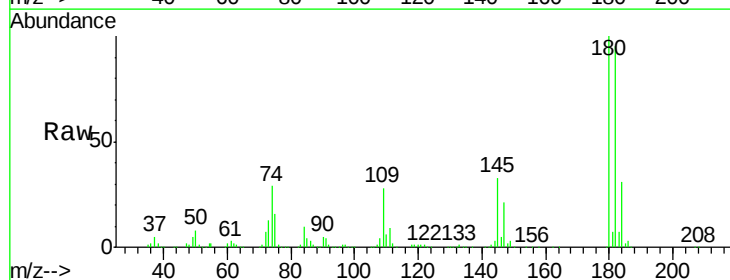
Tgt Ion:180 Resp: 1738072

Ion Ratio Lower Upper

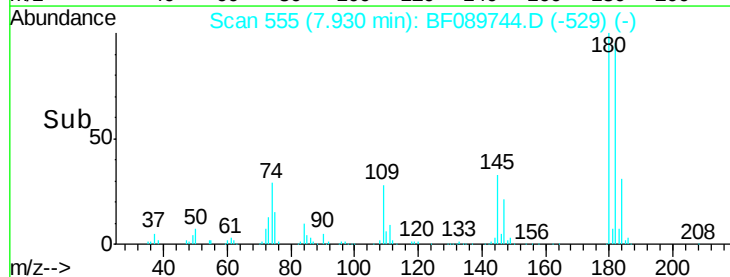
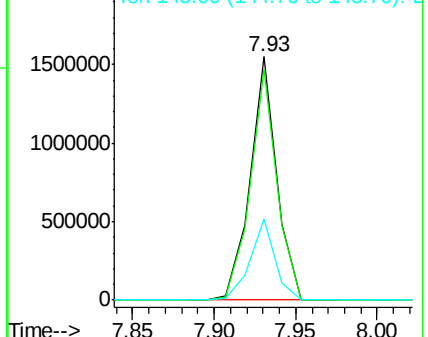
180 100

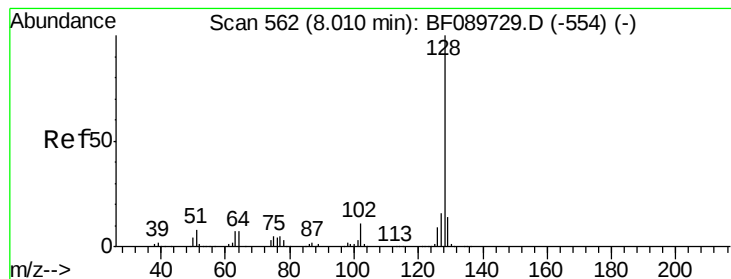
182 94.6 75.5 113.3

145 33.1 28.7 43.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.66 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:128 Resp: 5346193

Ion Ratio Lower Upper

128 100

129 13.8 9.5 14.3

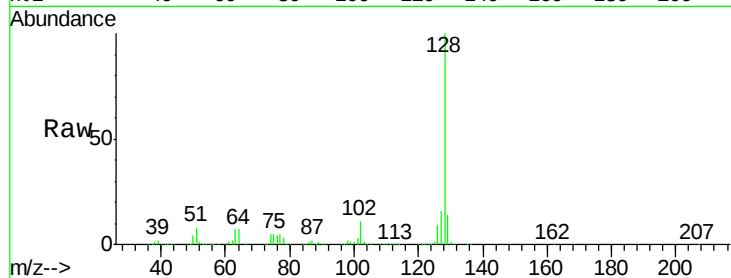
127 16.2 11.3 16.9

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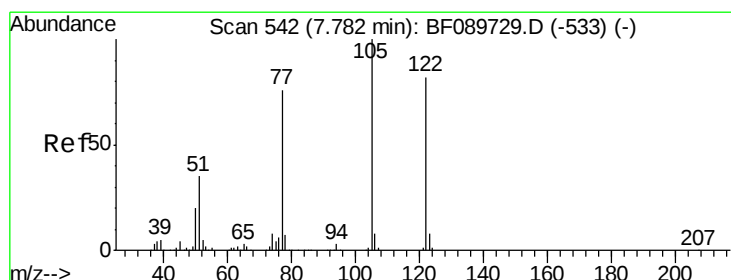
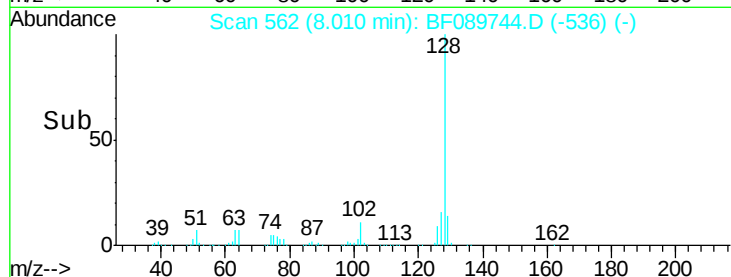
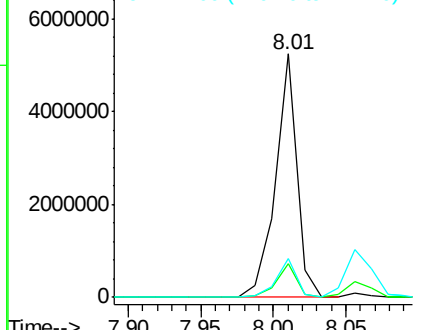
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.37 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

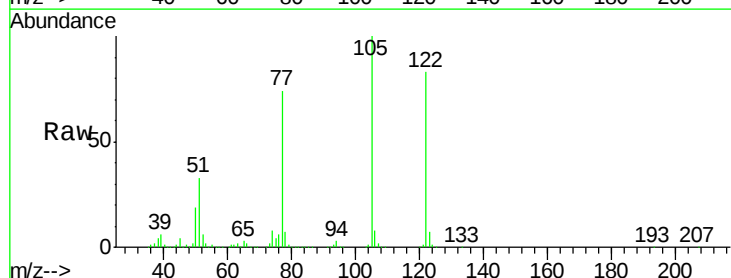
Tgt Ion:122 Resp: 1328543

Ion Ratio Lower Upper

122 100

105 121.0 100.8 140.8

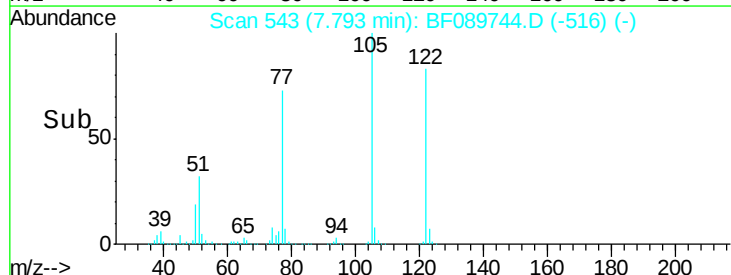
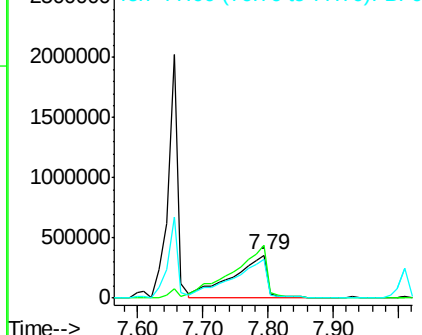
77 90.0 72.1 112.1

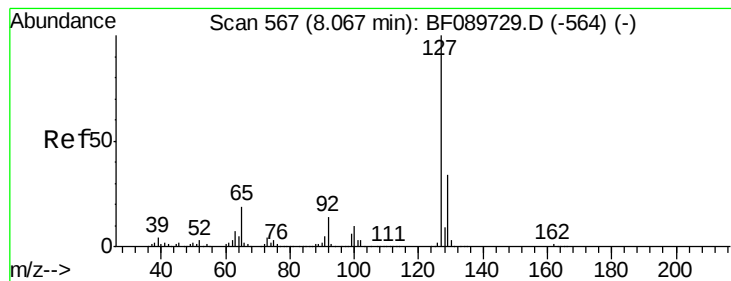


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 23.04 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:127 Resp: 1368387

Ion Ratio Lower Upper

127 100

129 32.3 27.0 40.6

65 33.8 14.7 22.1#

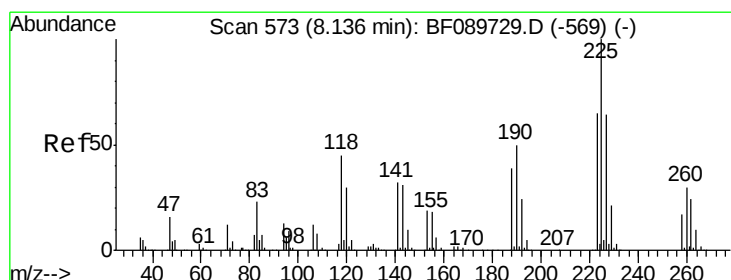
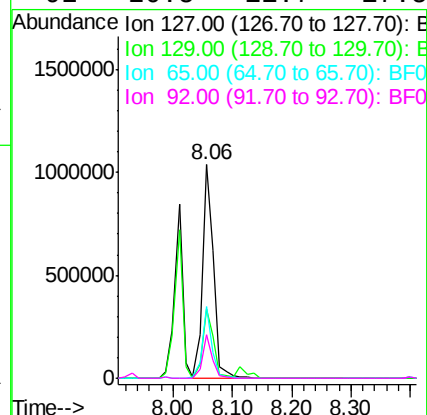
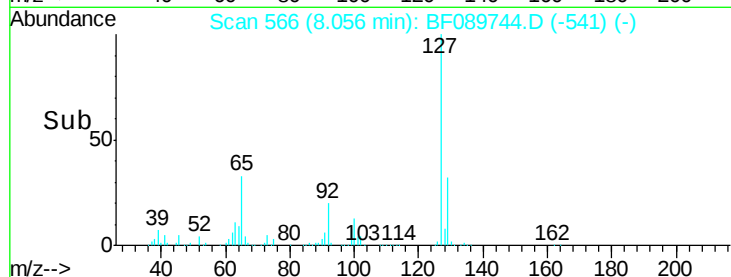
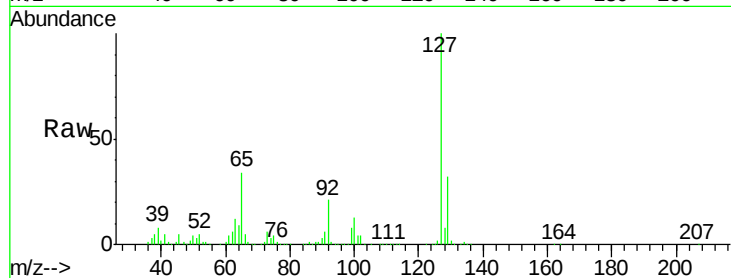
92 20.5 11.7 17.5#

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#34

Hexachlorobutadiene

Concen: 41.96 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

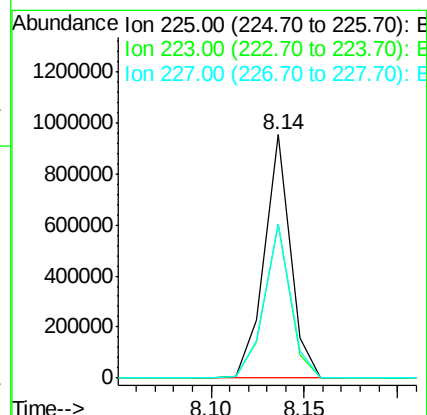
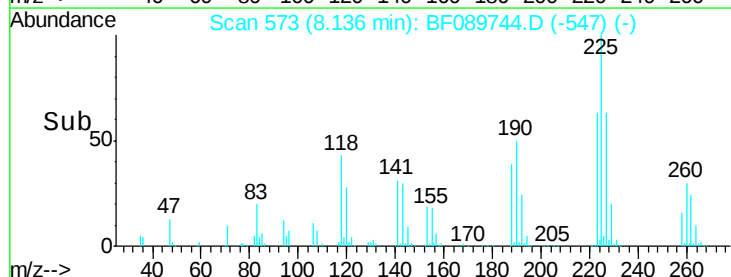
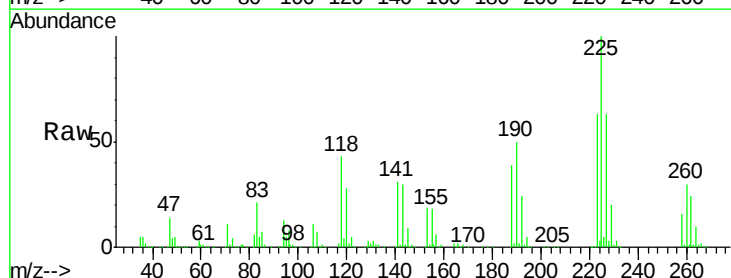
Tgt Ion:225 Resp: 925494

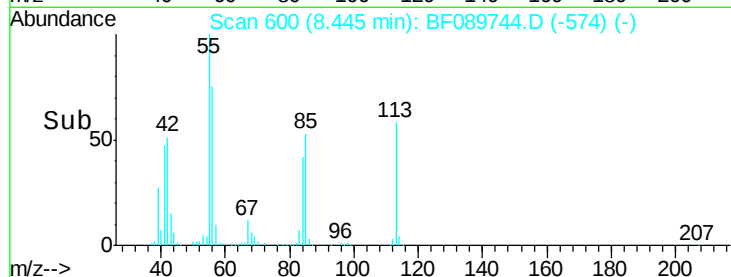
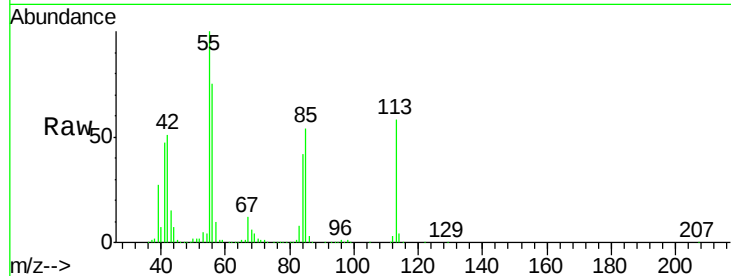
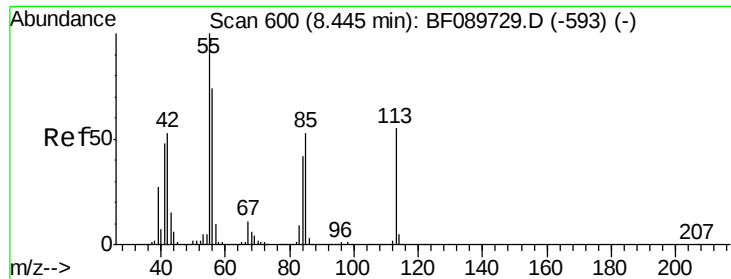
Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.6

227 63.4 49.8 74.6





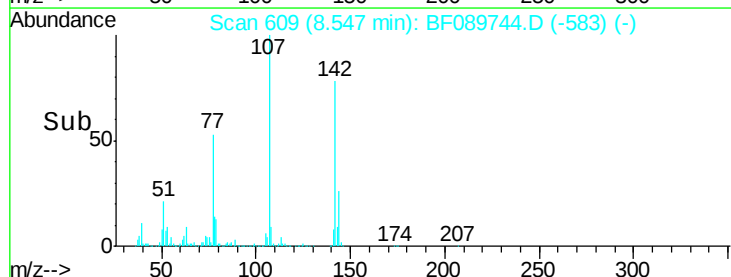
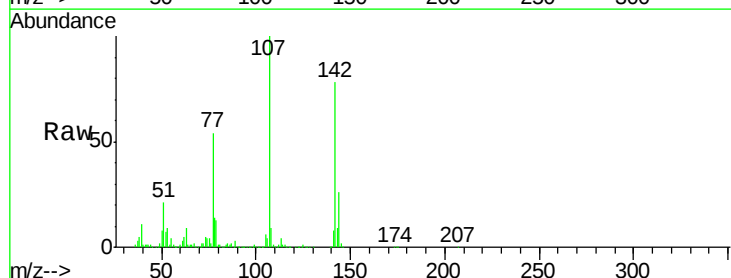
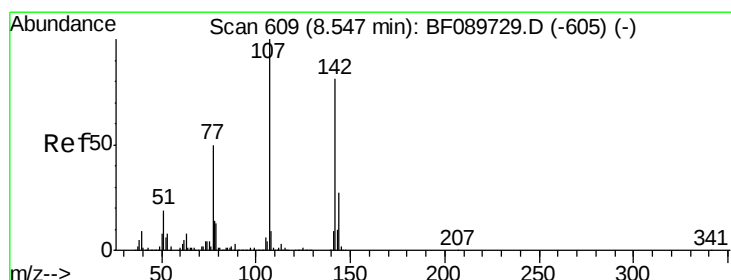
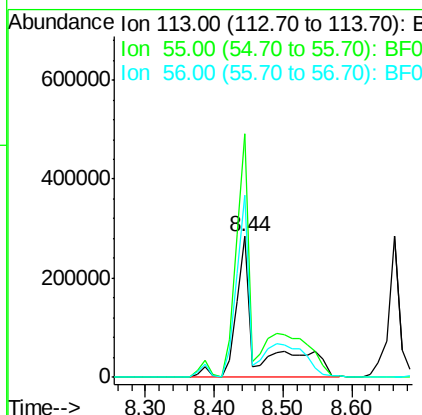
#35
Caprolactam
Concen: 52.25 ng/ml
RT: 8.44 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.0	135.9	175.9
56	129.4	93.9	133.9

Instrument :
BNA_F
ClientSampleId :
PB92884BS

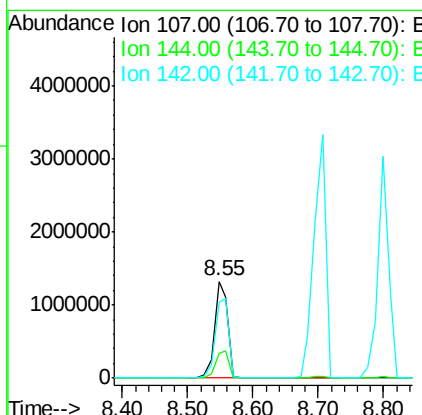
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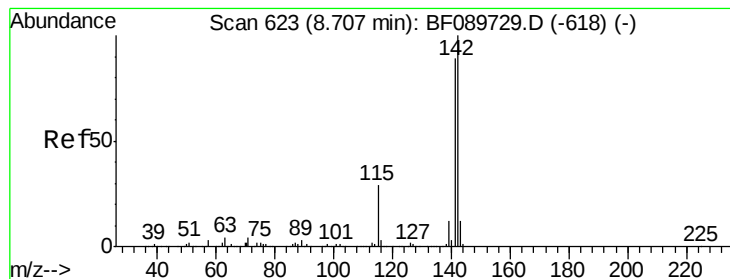
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#36
4-Chloro-3-methylphenol
Concen: 44.93 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	22.6	34.0
142	78.1	69.3	103.9





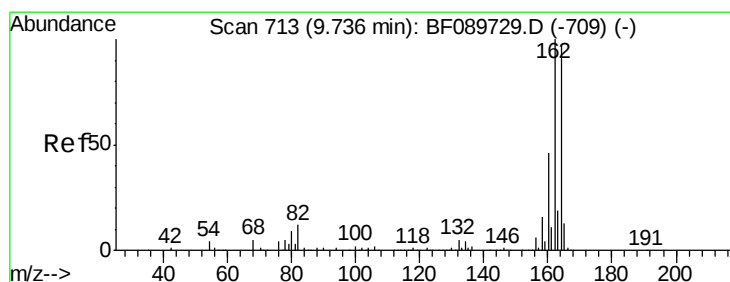
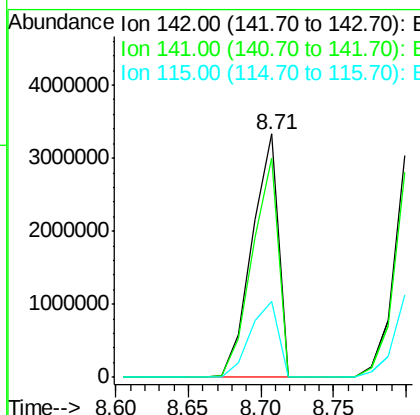
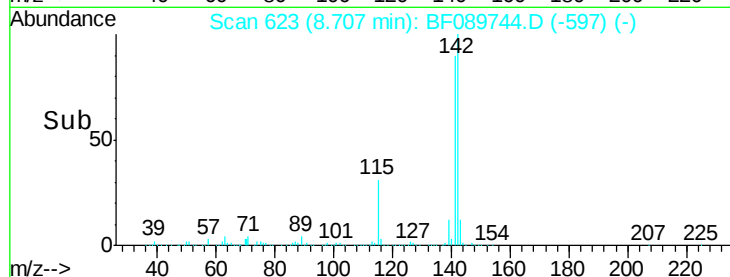
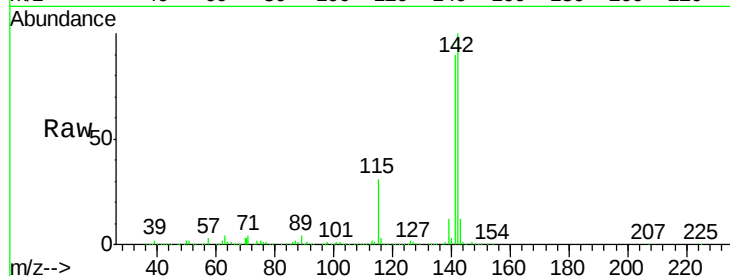
#37
2-Methylnaphthalene
Concen: 48.00 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampleId :
PB92884BS

Tot Ion:142 Resp: 4193622
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.2
115 31.3 22.7 34.1

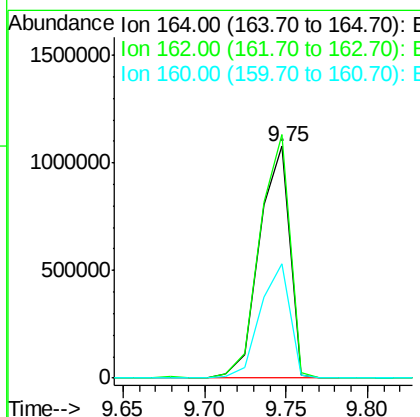
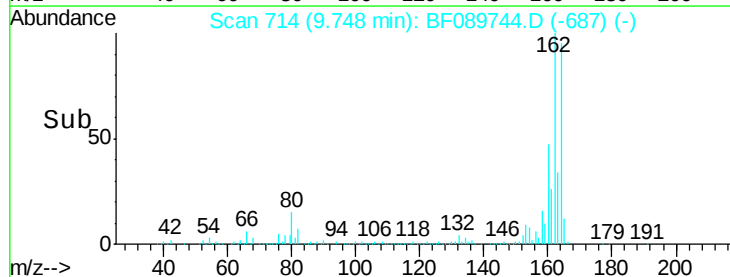
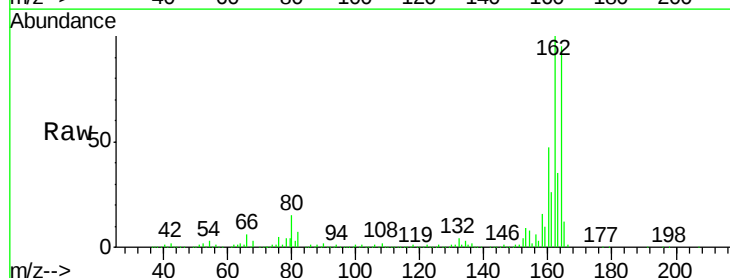
Manual Integrations
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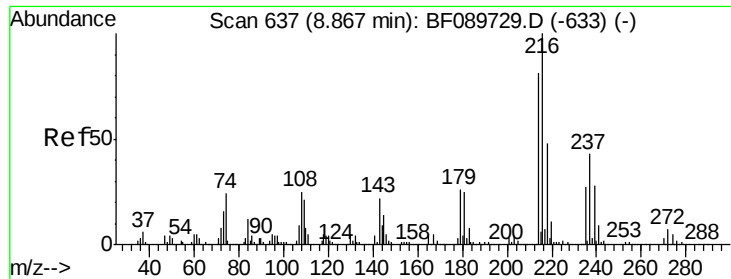
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion:164 Resp: 1390416
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.2
160 49.4 37.8 56.6





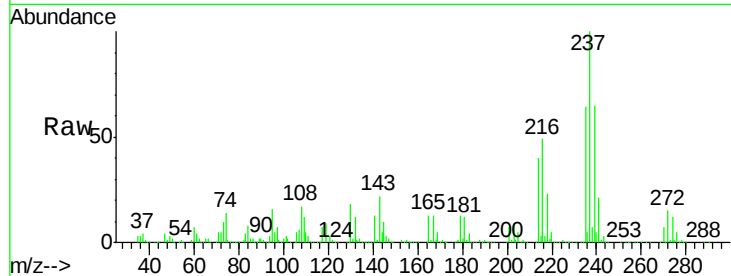
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.76 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Instrument :
 BNA_F
 ClientSampled :
 PB92884BS

Tot Ion:	216	Resp:	1240697
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.5	95.3
179	22.1	19.9	29.9
108	25.4	19.9	29.9

Manual Integrations
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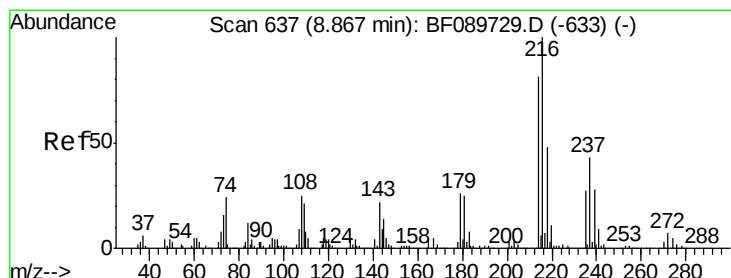
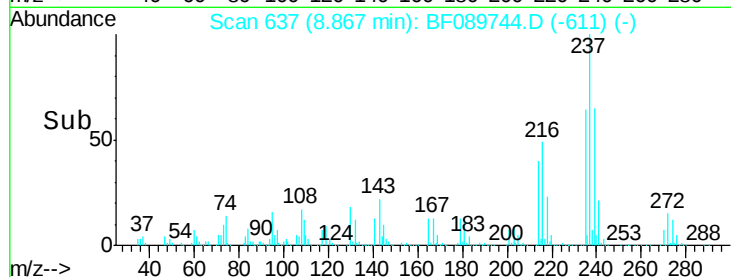
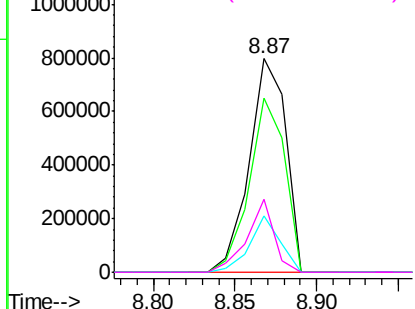
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

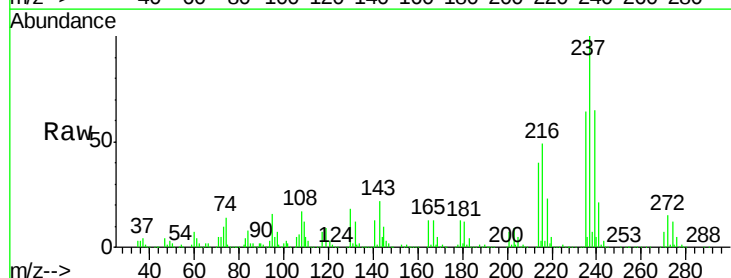
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 96.90 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Tgt Ion:	237	Resp:	1930285
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.7	83.7
272	14.6	0.0	31.6

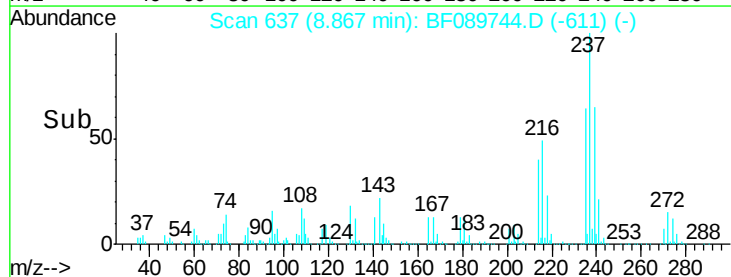
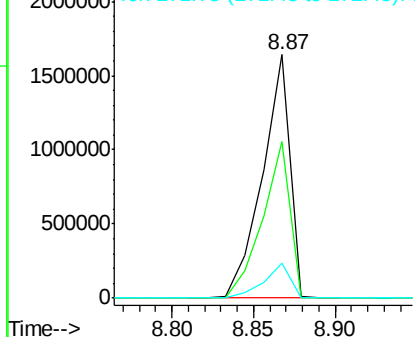


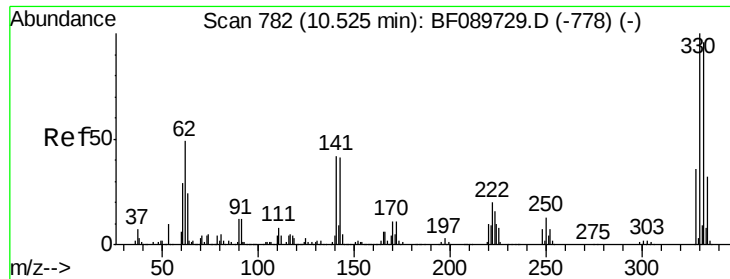
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





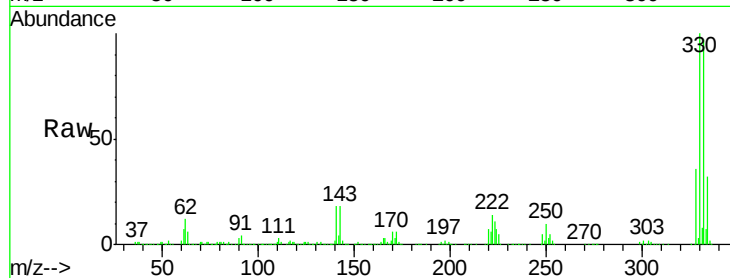
#41
 2,4,6-Tribromophenol
 Concen: 133.76 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BS

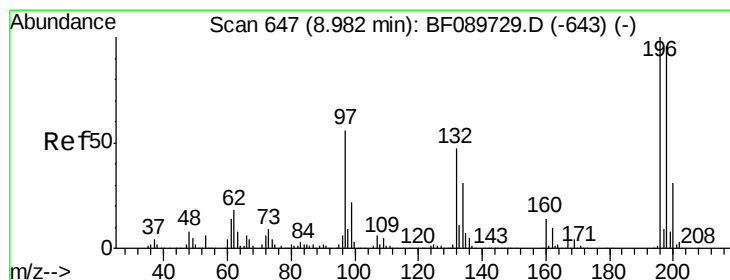
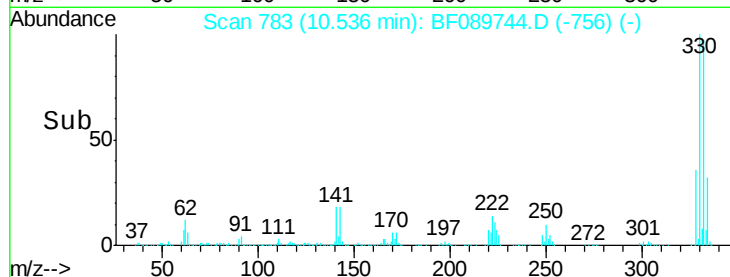
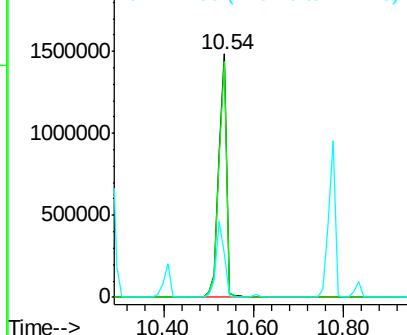
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	33.5	30.2	45.2

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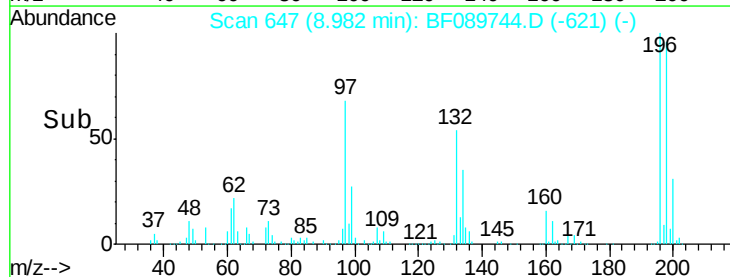
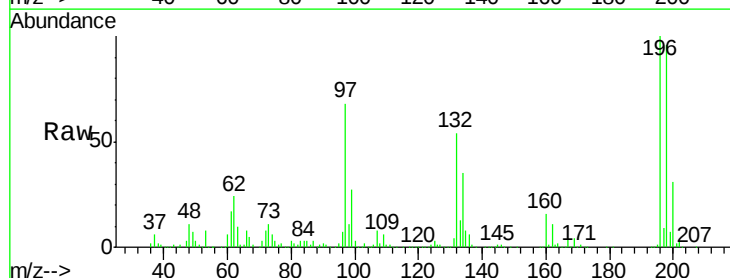
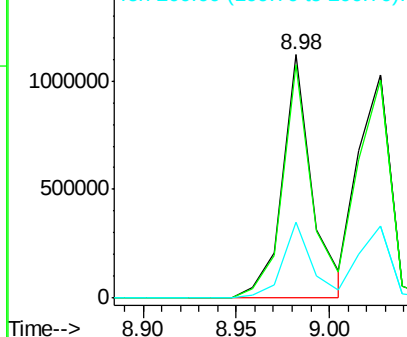
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

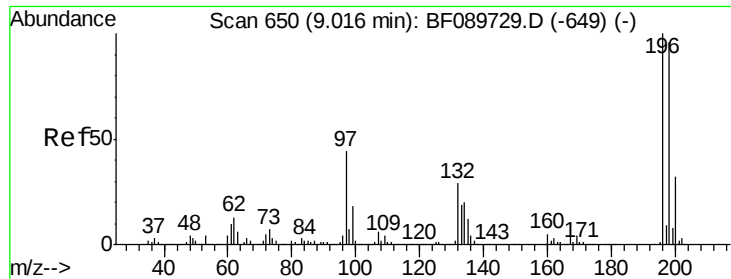


#42
 2,4,6-Trichlorophenol
 Concen: 43.13 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.3	114.5
200	31.1	24.6	36.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





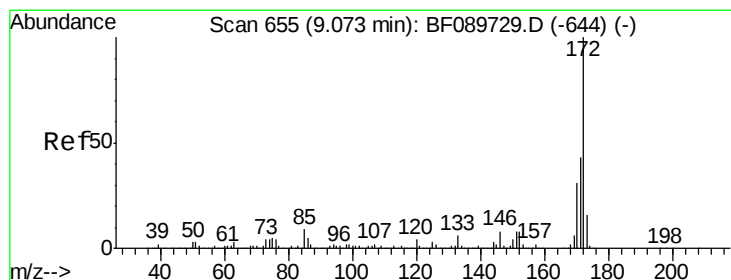
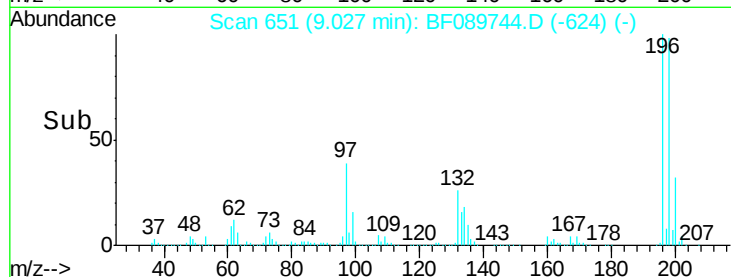
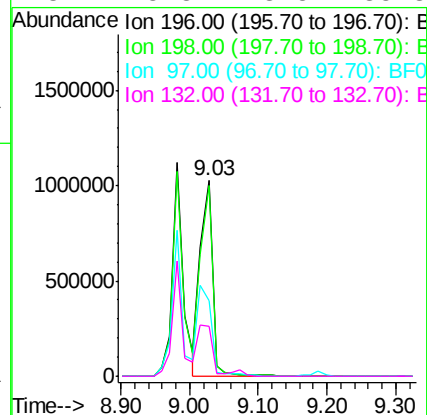
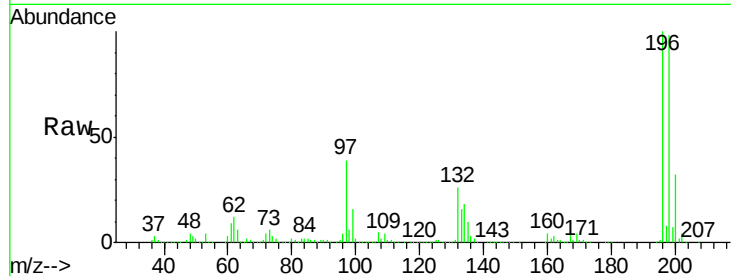
#43
 2,4,5-Trichlorophenol
 Concen: 45.75 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.01 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.6	114.8
97	39.0	35.8	53.8
132	25.8	23.5	35.3

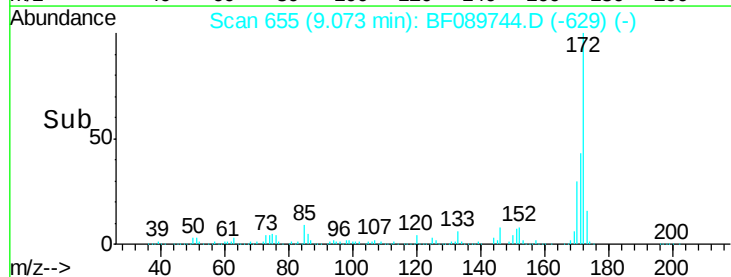
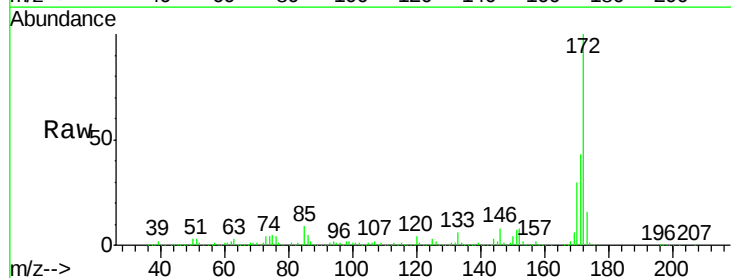
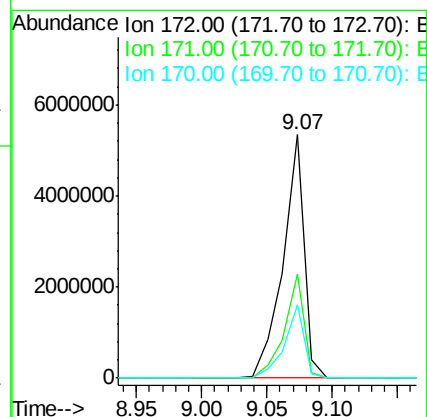
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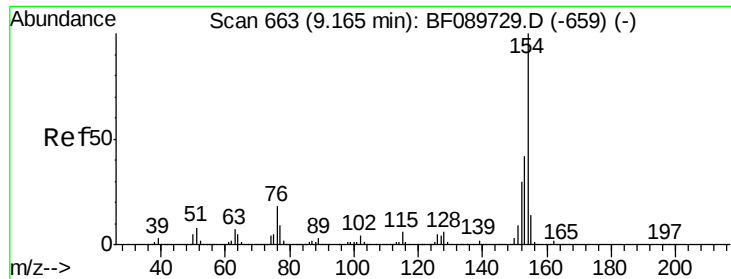
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#44
 2-Fluorobiphenyl
 Concen: 70.66 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.9	30.5	45.7
170	30.1	20.6	31.0





#45

1,1'-Biphenyl

Concen: 36.91 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:154 Resp: 4249927

Ion Ratio Lower Upper

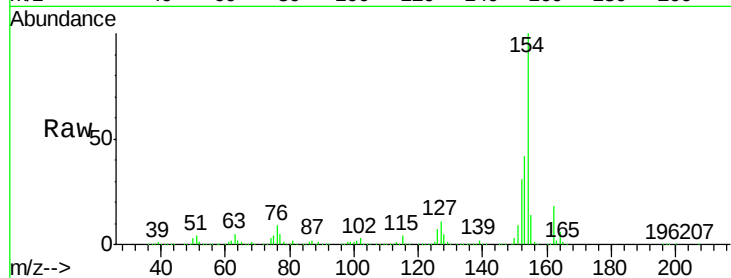
154 100

153 42.3 21.5 61.5

76 9.0 0.0 36.7

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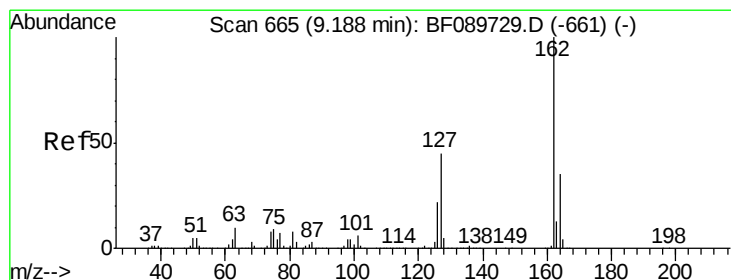
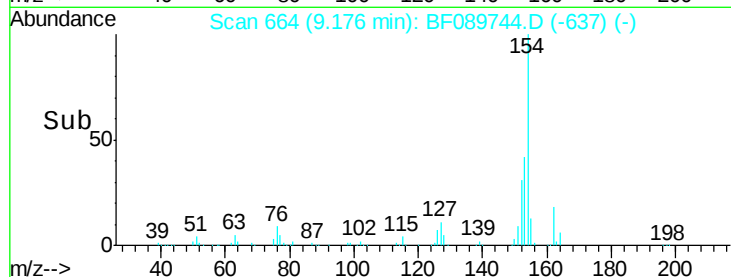
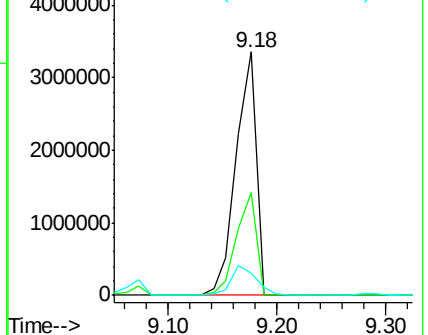
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.05 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

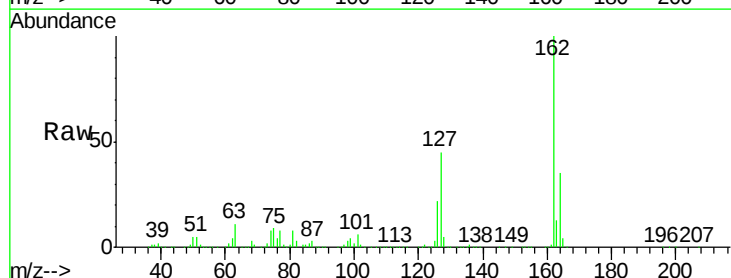
Tgt Ion:162 Resp: 3455885

Ion Ratio Lower Upper

162 100

127 45.2 35.5 53.3

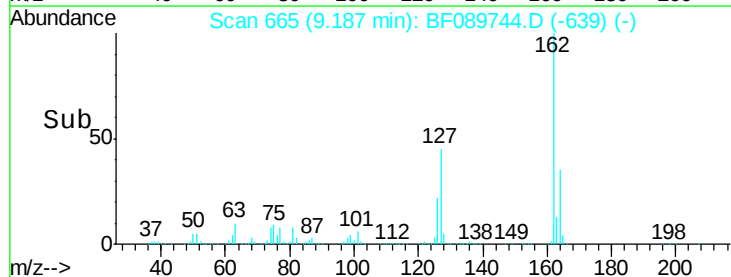
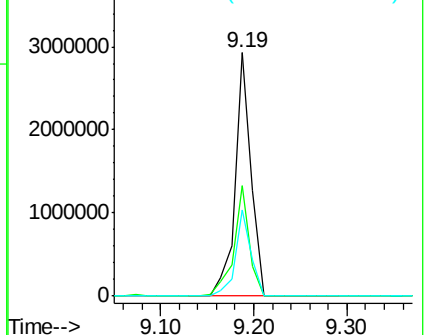
164 35.1 26.6 40.0

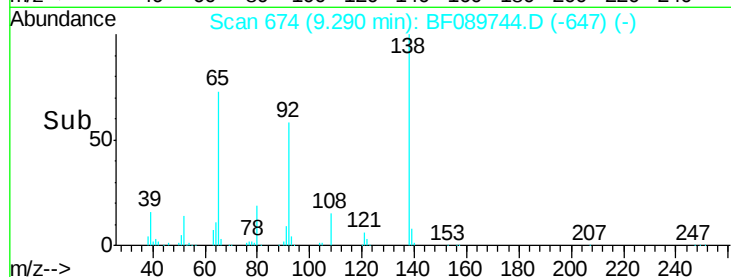
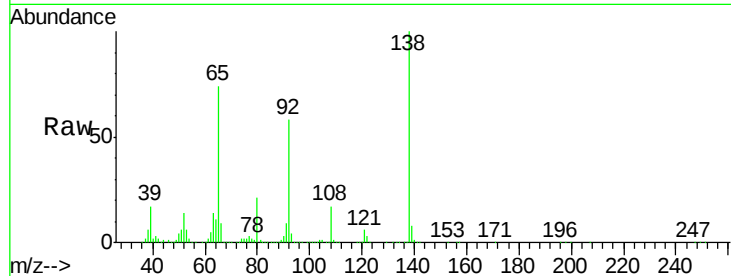
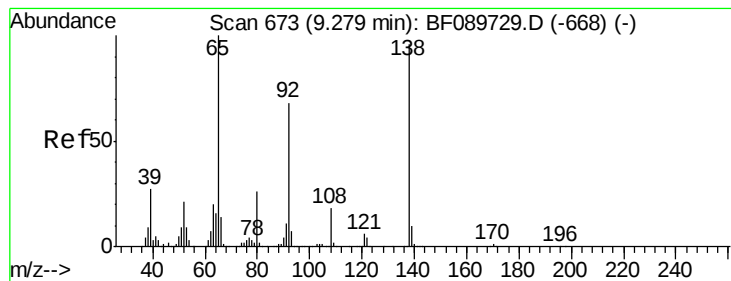


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.29 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.6	56.3	84.5
138	135.4	81.8	122.8

Instrument :

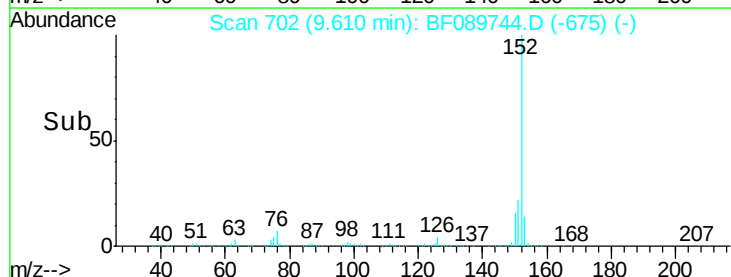
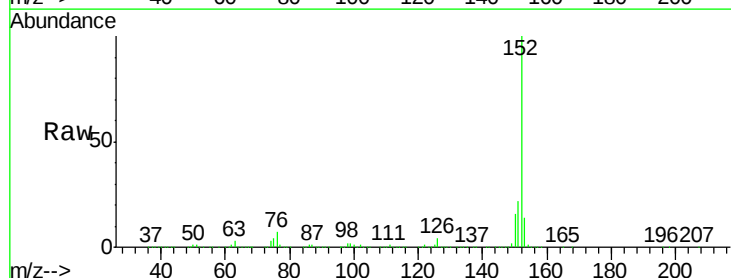
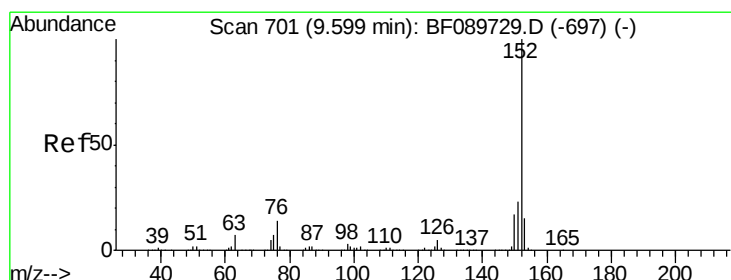
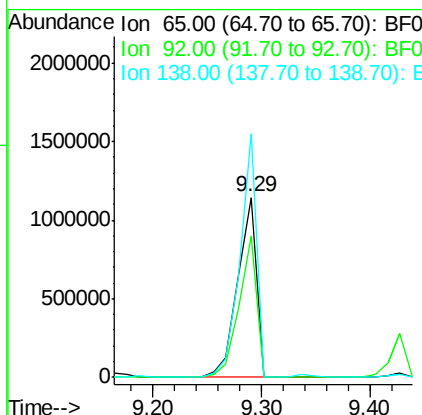
BNA_F

ClientSampleId :

PB92884BS

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#48

Acenaphthylene

Concen: 43.68 ng

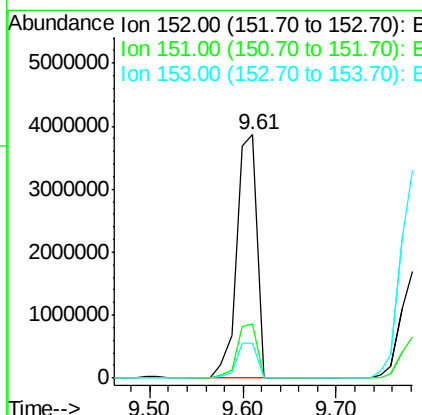
RT: 9.61 min Scan# 702

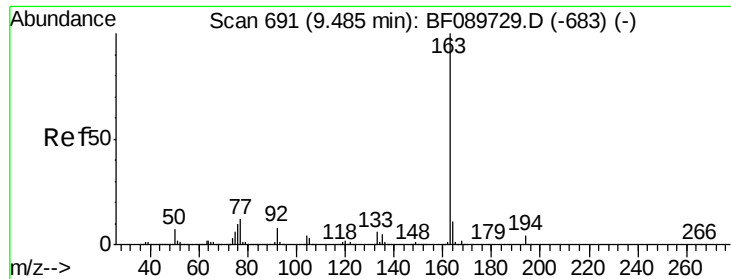
Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	14.1	11.2	16.8





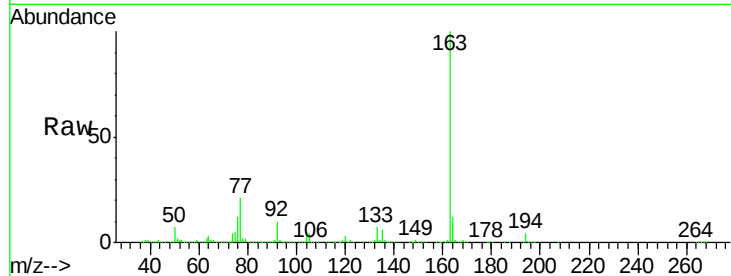
#49
Dimethylphthalate
Concen: 43.36 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampleId :
PB92884BS

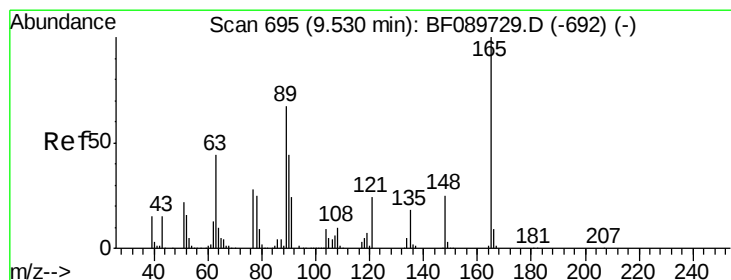
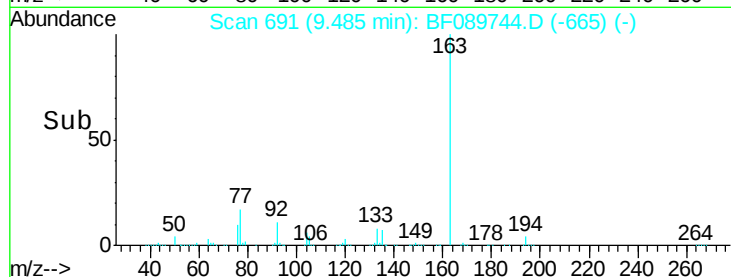
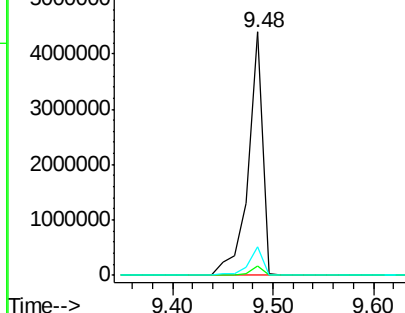
Tot Ion:163 Resp: 4362479
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 11.8 8.6 12.8

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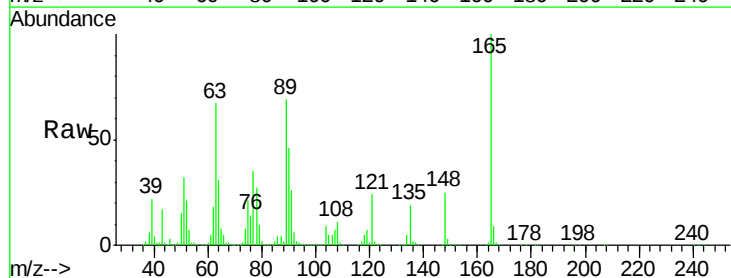


Abundance Ion 163.00 (162.70 to 163.70): E
6000000
Ion 194.00 (193.70 to 194.70): E
5000000
Ion 164.00 (163.70 to 164.70): E
4000000
3000000
2000000
1000000
0

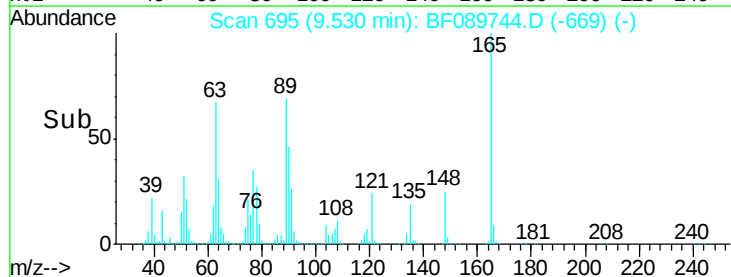
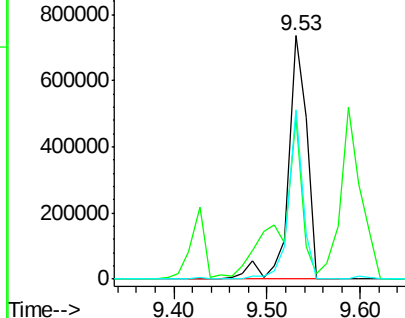


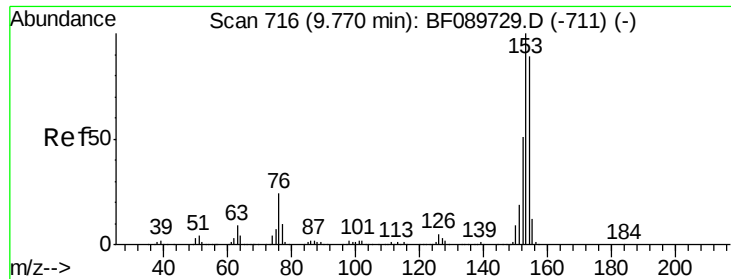
#50
2,6-Dinitrotoluene
Concen: 44.28 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion:165 Resp: 1008329
Ion Ratio Lower Upper
165 100
63 66.7 41.7 62.5#
89 69.5 44.6 67.0#



Abundance Ion 165.00 (164.70 to 165.70): E
1000000
Ion 63.00 (62.70 to 63.70): BF0
800000
Ion 89.00 (88.70 to 89.70): BF0
600000
400000
200000
0





#51

Acenaphthene

Concen: 48.57 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampled :

PB92884BS

Tot Ion:154 Resp: 4353848

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

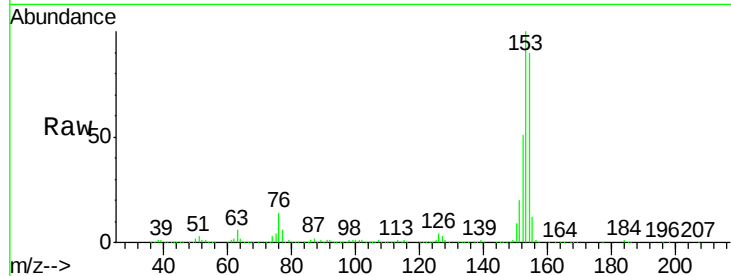
152 57.0 44.6 67.0

Manual Integrations

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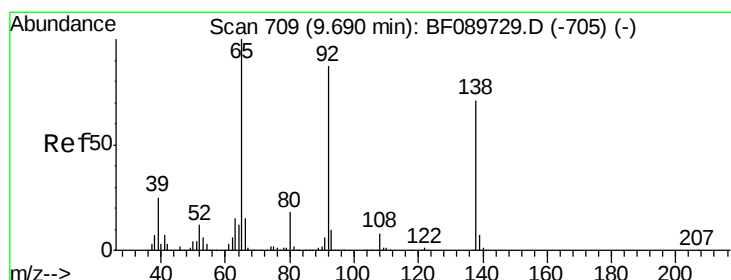
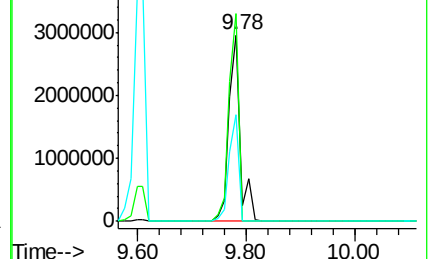
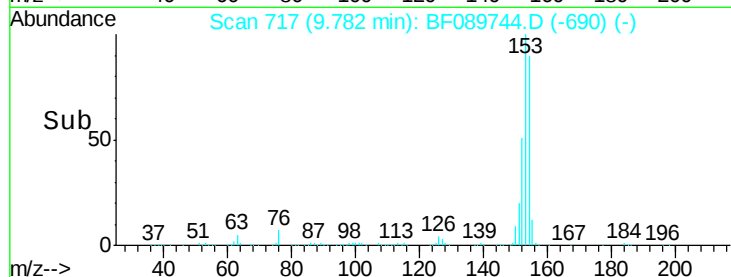
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.74 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

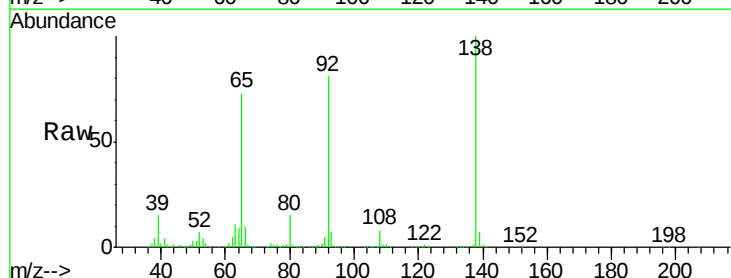
Tgt Ion:138 Resp: 813901

Ion Ratio Lower Upper

138 100

108 7.7 8.1 12.1#

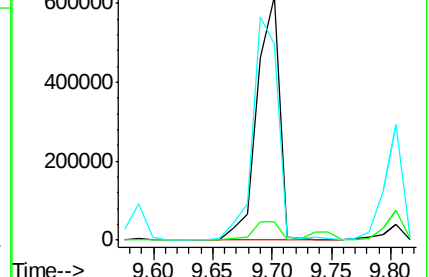
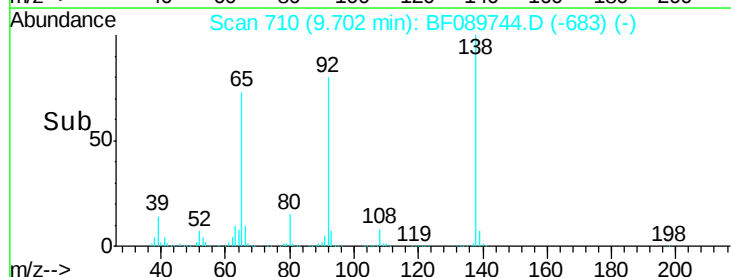
92 80.8 92.7 139.1#

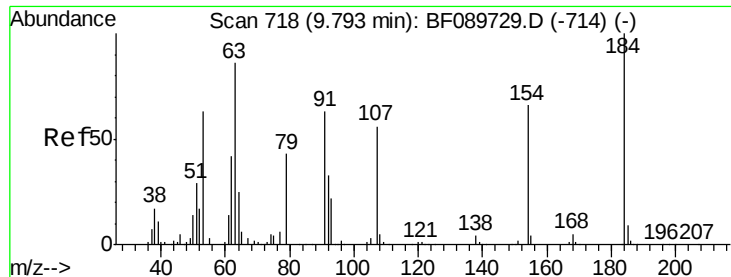


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





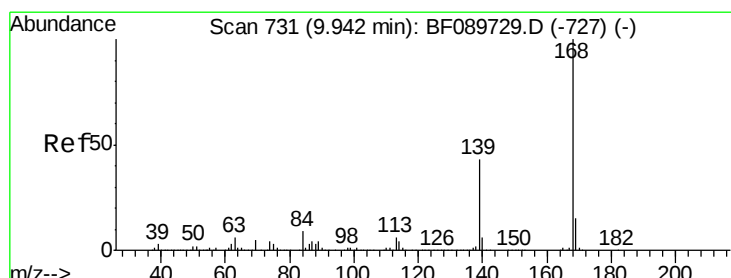
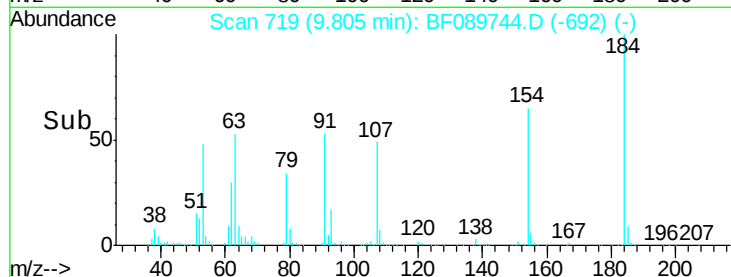
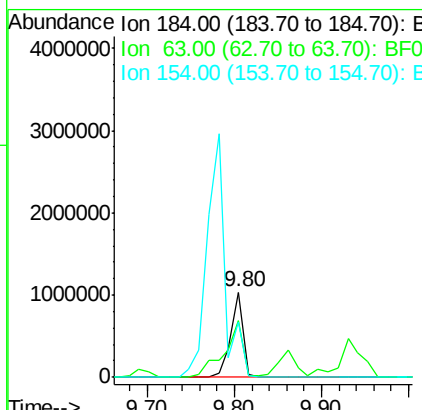
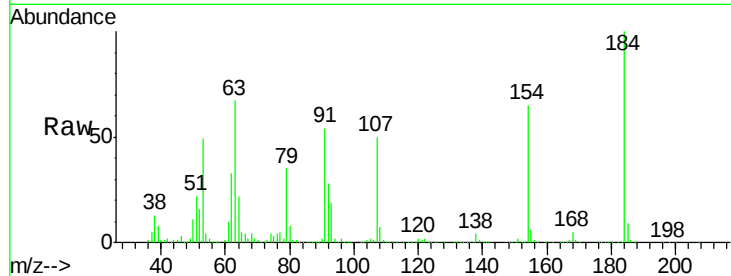
#53
2,4-Dinitrophenol
Concen: 101.26 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampled :
PB92884BS

Tot Ion:184 Resp: 1034758
Ion Ratio Lower Upper
184 100
63 67.1 54.2 81.4
154 64.6 52.7 79.1

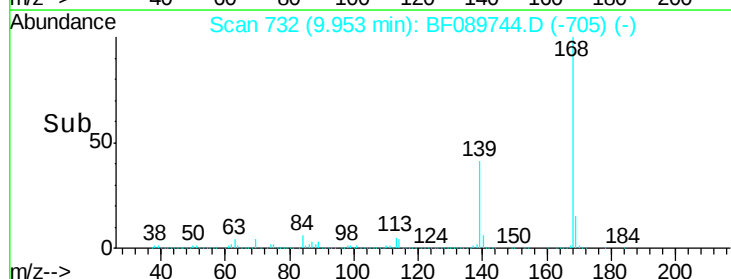
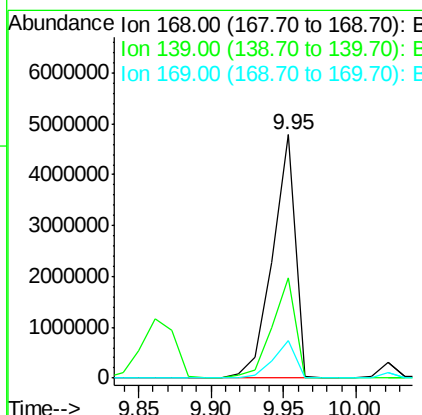
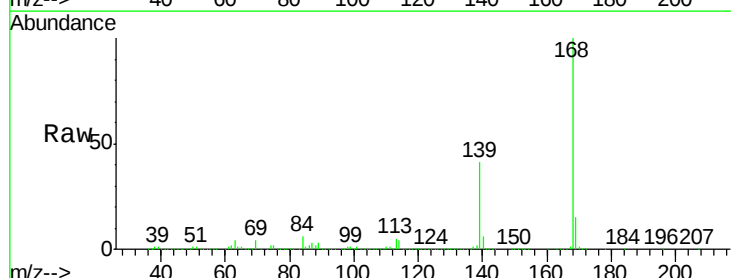
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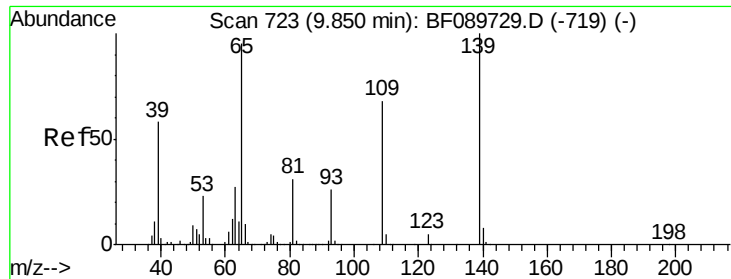
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#54
Dibenzofuran
Concen: 47.34 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion:168 Resp: 5221996
Ion Ratio Lower Upper
168 100
139 41.0 34.6 52.0
169 15.4 11.5 17.3





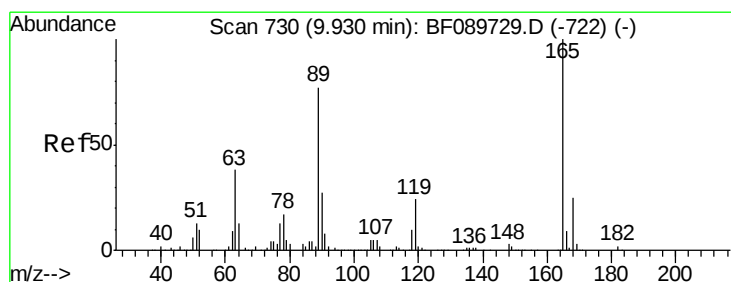
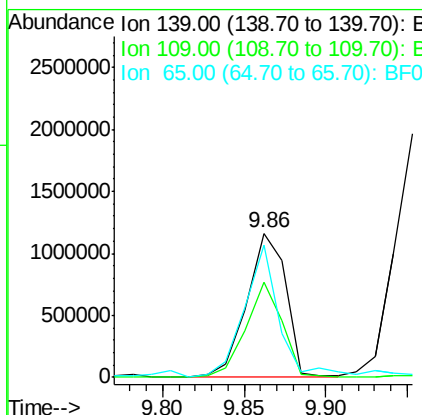
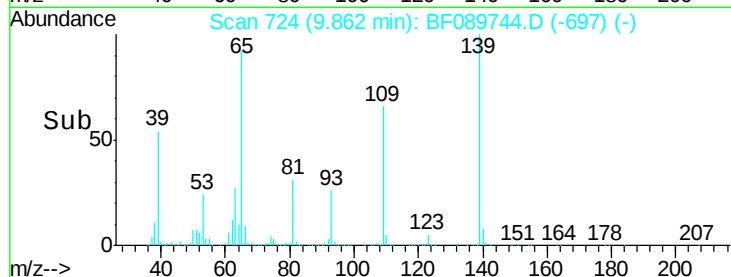
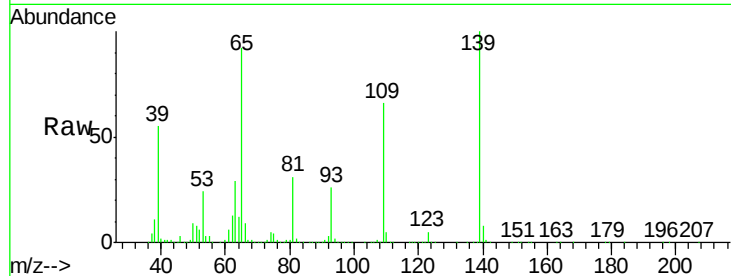
#55
4-Nitrophenol
Concen: 94.74 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampled :
PB92884BS

Tot Ion:139 Resp: 1929524
Ion Ratio Lower Upper
139 100
109 66.4 43.0 83.0
65 92.4 55.7 95.7

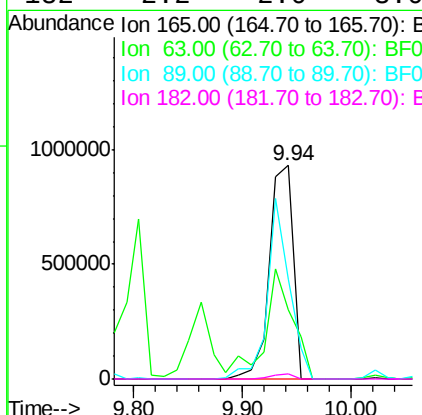
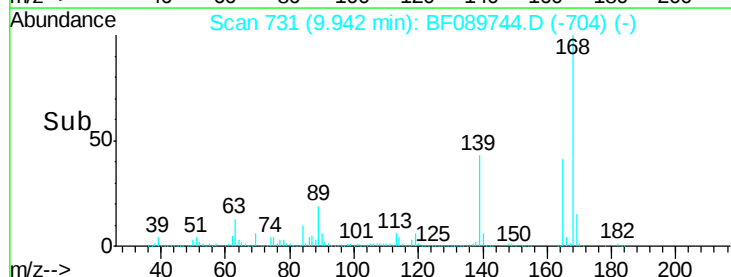
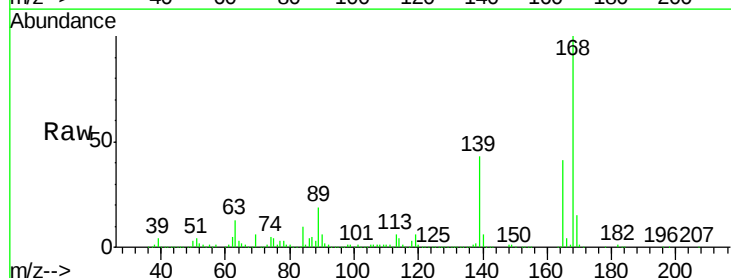
Manual Integrations
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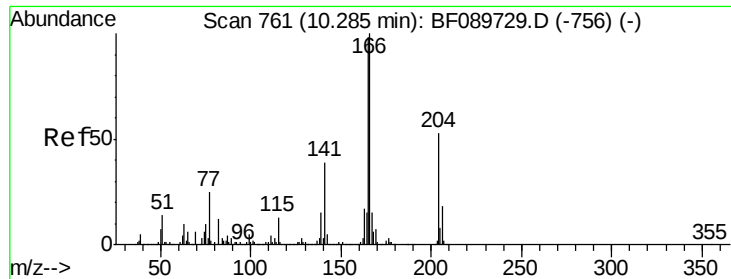
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#56
2,4-Dinitrotoluene
Concen: 47.81 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion:165 Resp: 1399488
Ion Ratio Lower Upper
165 100
63 32.1 23.7 35.5
89 46.8 44.0 66.0
182 2.2 2.0 3.0





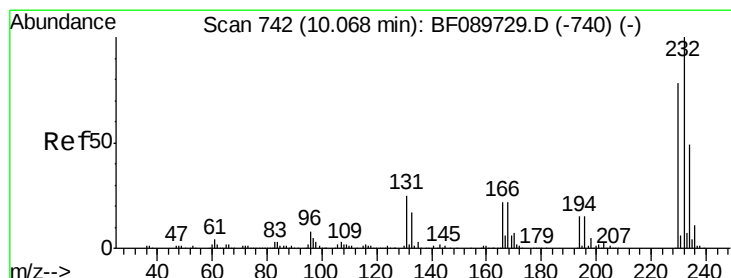
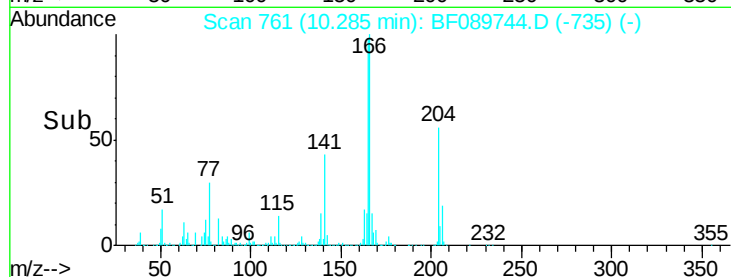
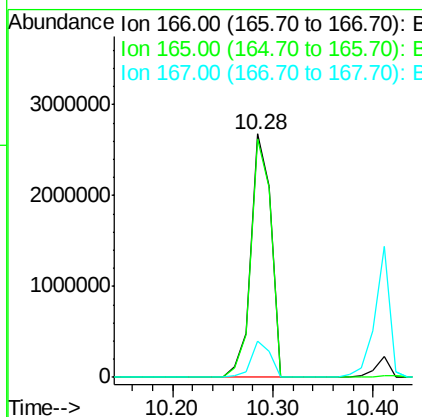
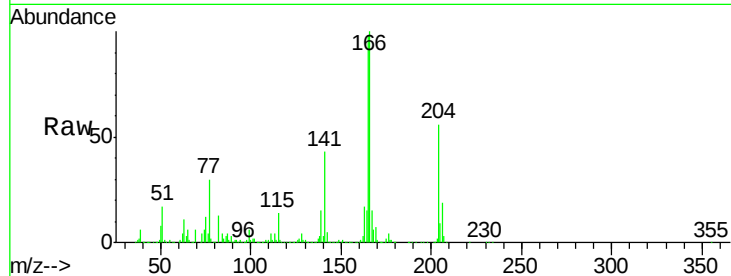
#57
Fluorene
 Concen: 41.50 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.2	120.4
167	14.8	11.3	16.9

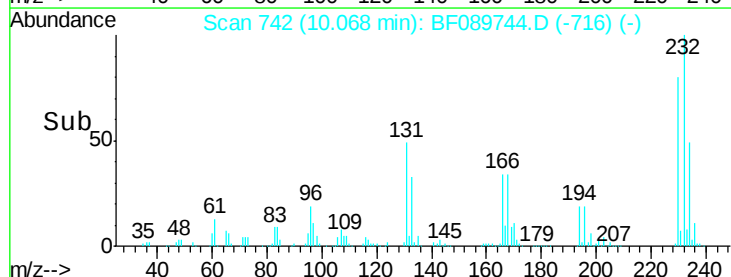
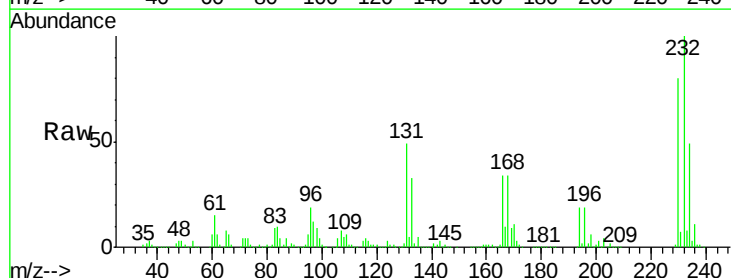
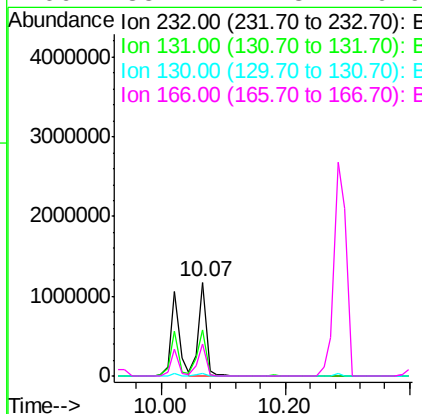
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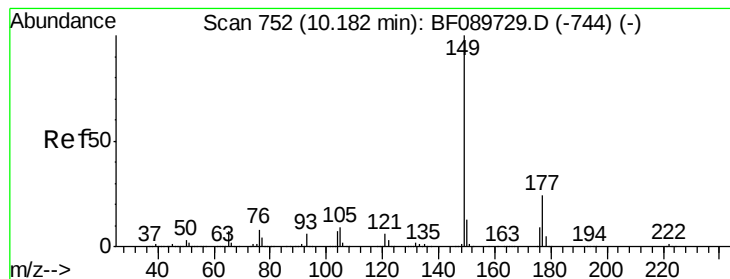
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.75 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.1	42.5	63.7
130	2.6	2.2	3.4
166	35.2	27.3	40.9





#59

Diethylphthalate

Concen: 40.68 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampled :

PB92884BS

Tot Ion:149 Resp: 4150067

Ion Ratio Lower Upper

149 100

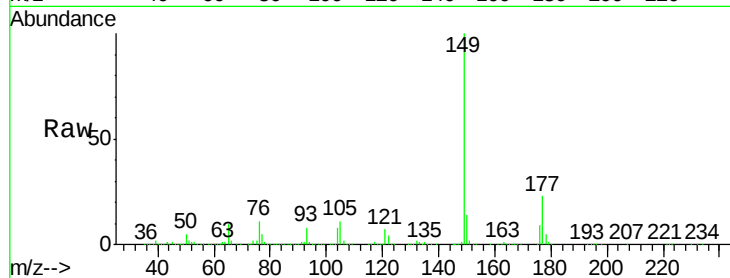
177 22.6 16.6 25.0

150 14.2 10.5 15.7

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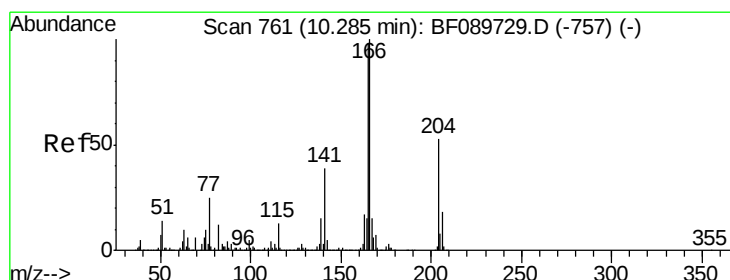
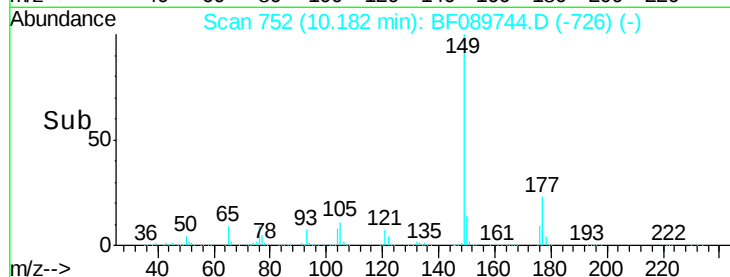
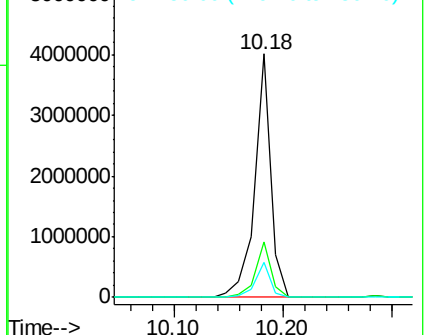
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.99 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

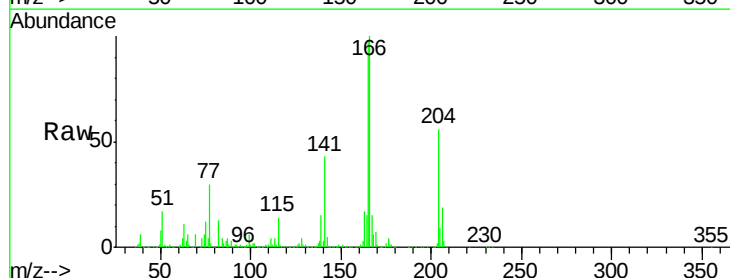
Tgt Ion:204 Resp: 1531011

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

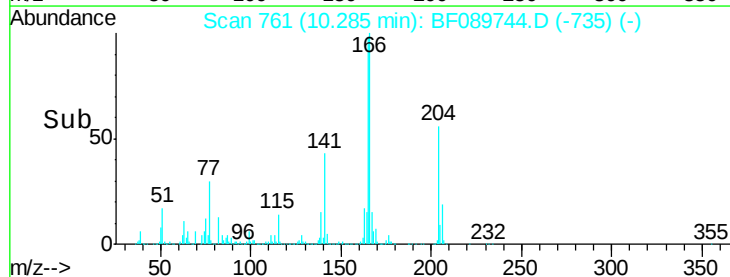
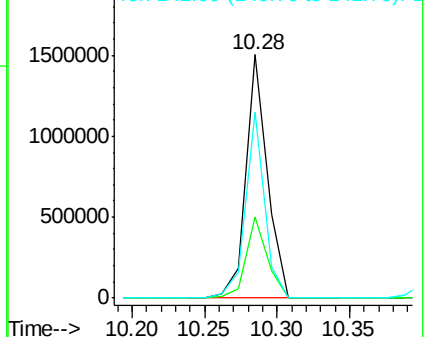
141 76.3 54.1 81.1

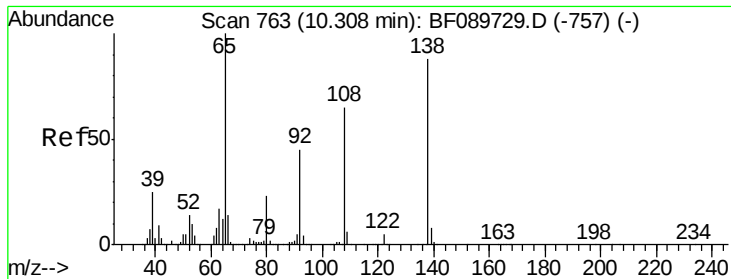


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.50 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:138 Resp: 1246670

Ion Ratio Lower Upper

138 100

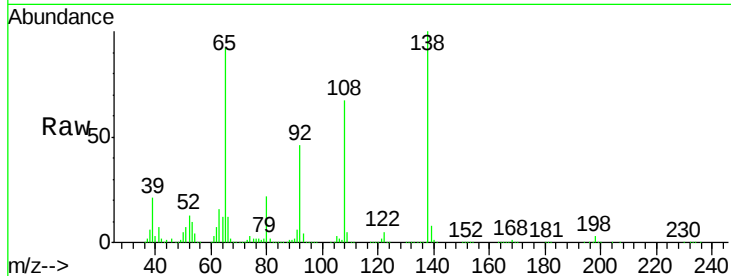
92 46.2 26.4 66.4

108 67.2 47.0 87.0

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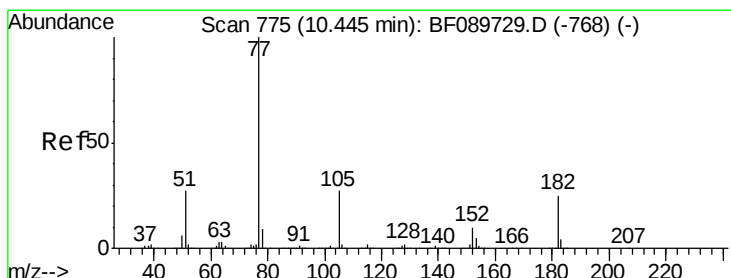
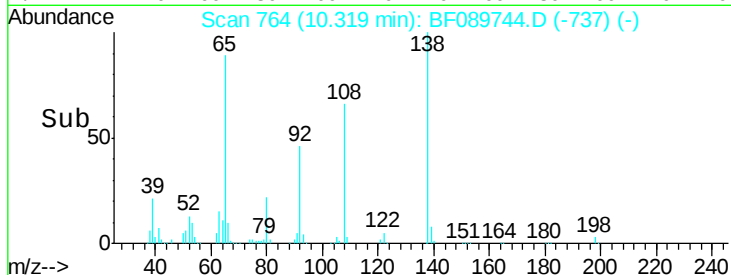
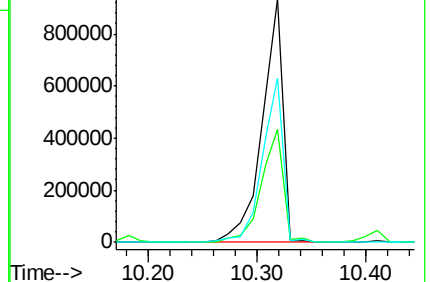
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.02 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Tgt Ion: 77 Resp: 4435921

Ion Ratio Lower Upper

77 100

182 22.0 5.6 45.6

105 26.5 4.0 44.0

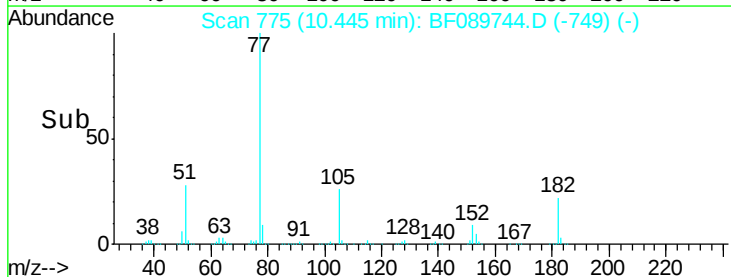
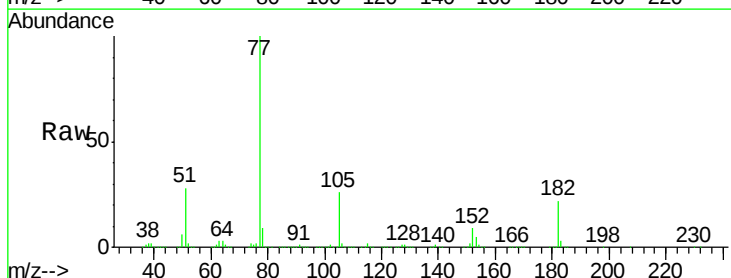
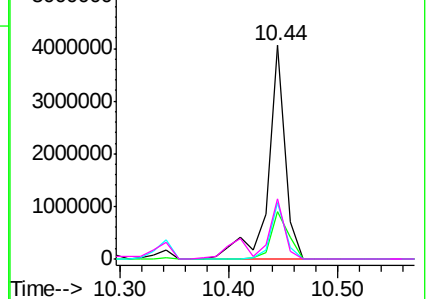
51 28.2 7.8 47.8

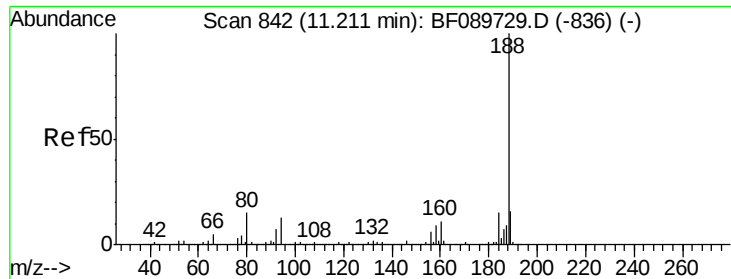
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





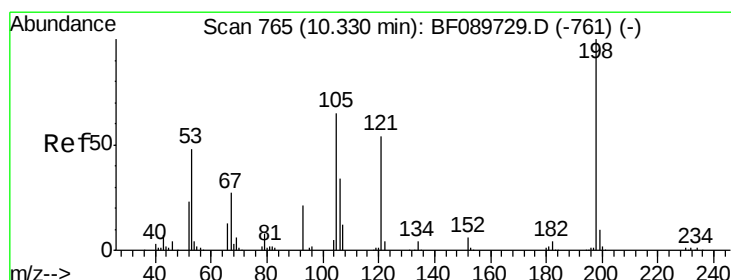
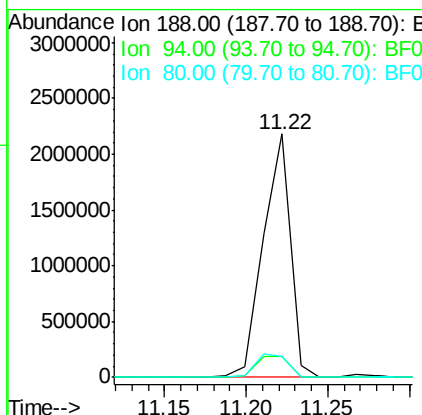
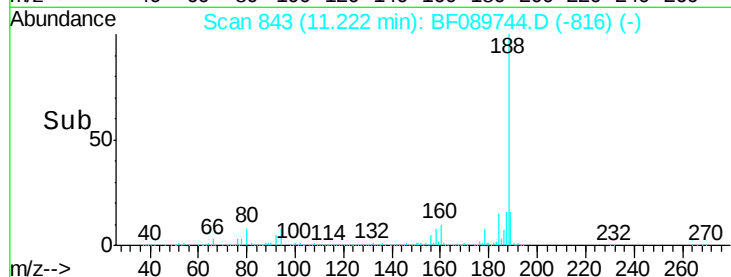
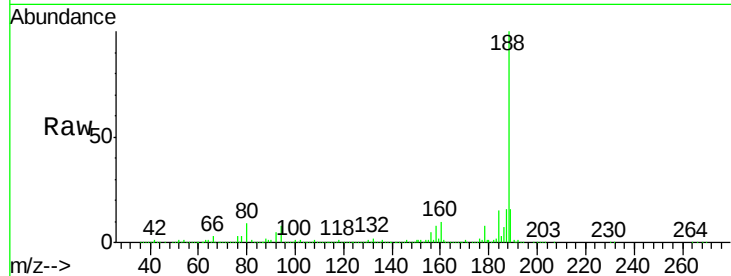
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampled :
PB92884BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	10.2	15.2#
80	8.5	10.9	16.3#

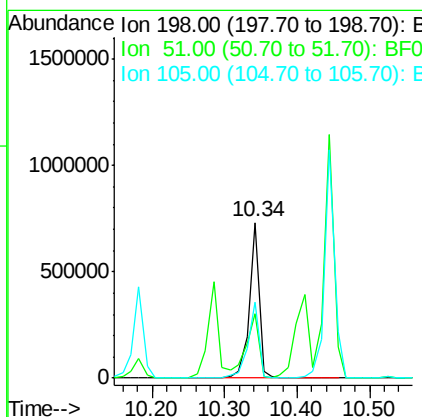
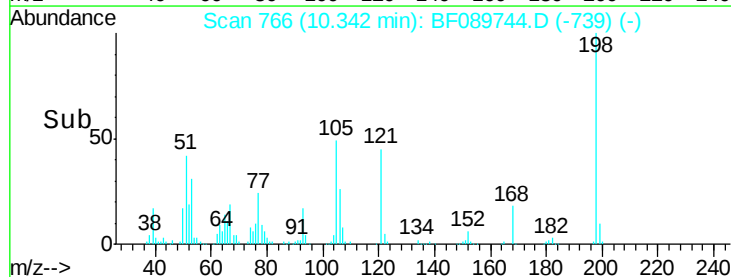
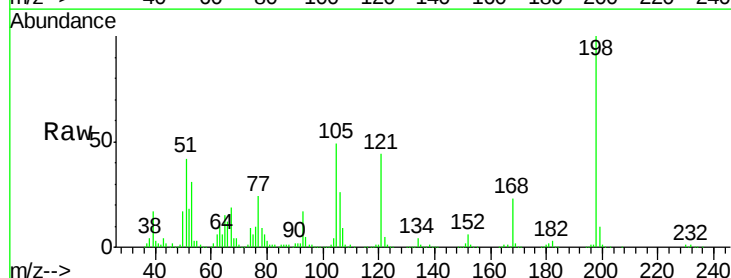
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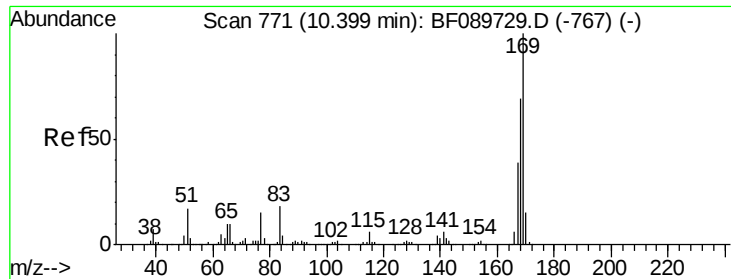
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.34 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.6	32.3	72.3
105	48.7	32.9	72.9





#65

n-Nitrosodiphenylamine

Concen: 46.10 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:169 Resp: 3652126

Ion Ratio Lower Upper

169 100

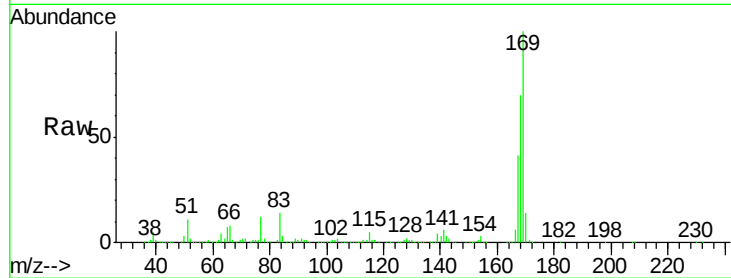
168 70.3 54.6 82.0

167 40.9 30.6 45.8

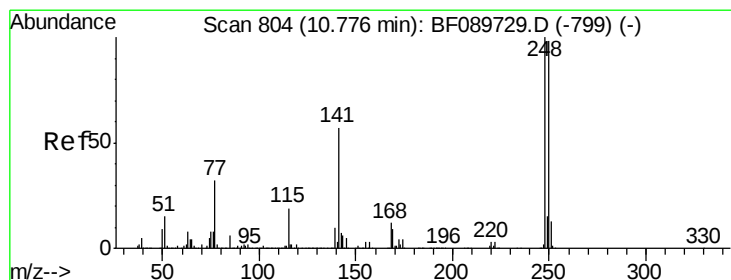
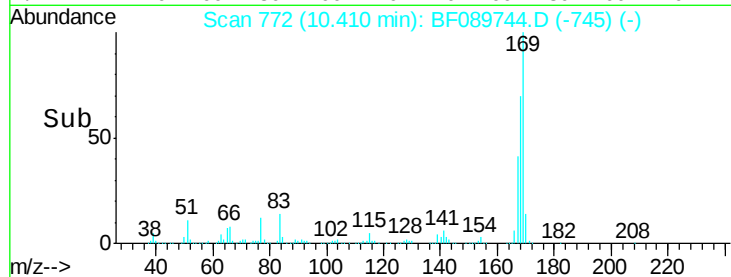
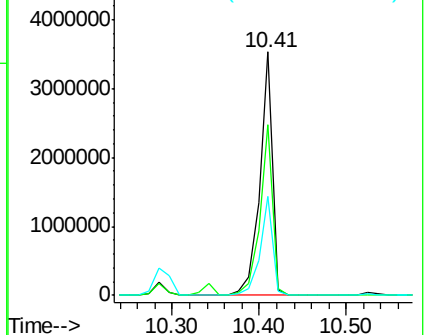
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.29 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

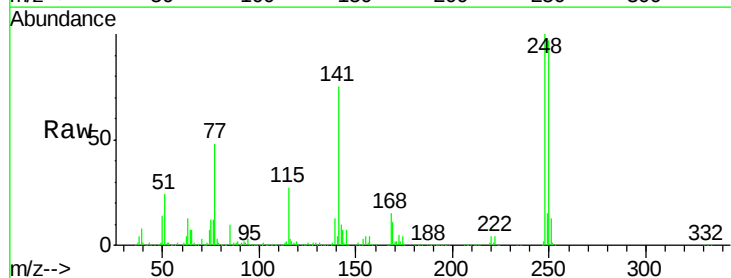
Tgt Ion:248 Resp: 1157846

Ion Ratio Lower Upper

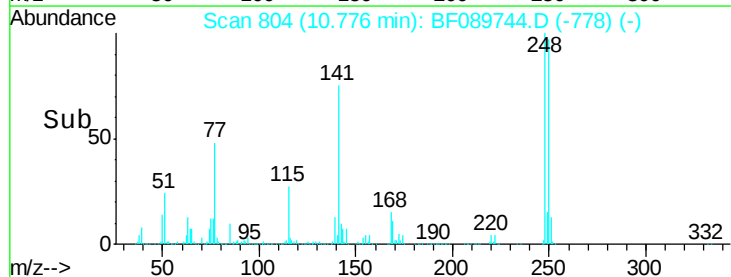
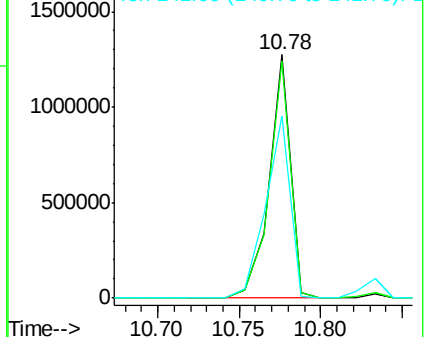
248 100

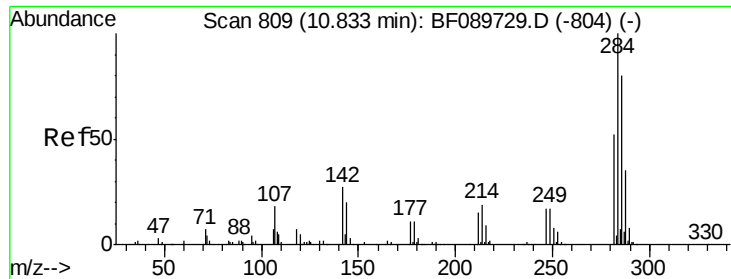
250 97.2 78.6 117.8

141 74.9 31.4 47.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.34 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:284 Resp: 1201435

Ion Ratio Lower Upper

284 100

142 39.9 17.4 26.2#

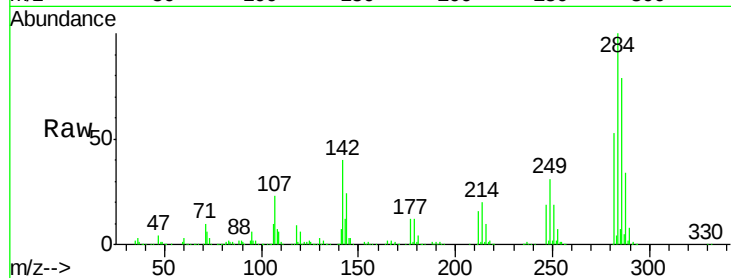
249 30.7 22.8 34.2

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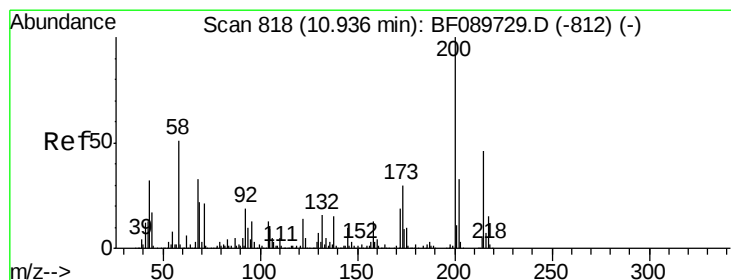
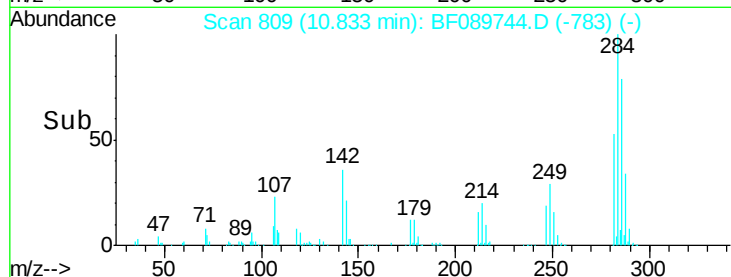
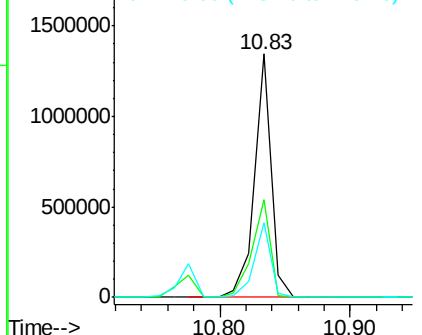
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.41 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

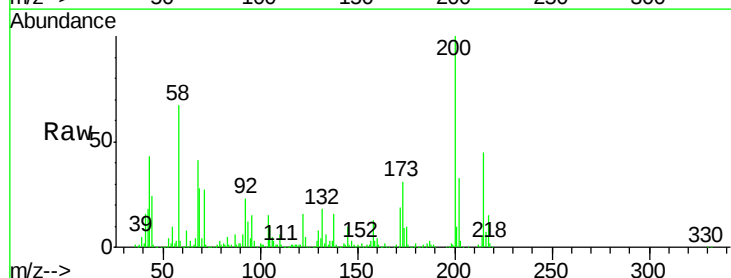
Tgt Ion:200 Resp: 1089778

Ion Ratio Lower Upper

200 100

173 30.8 6.6 46.6

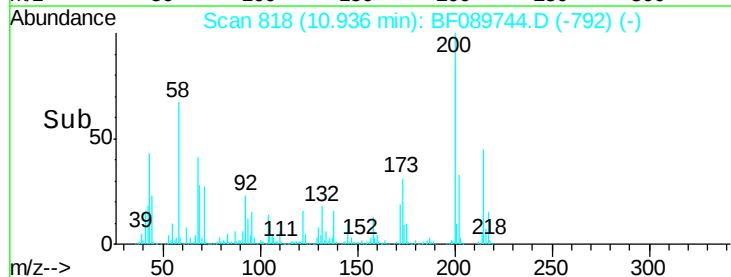
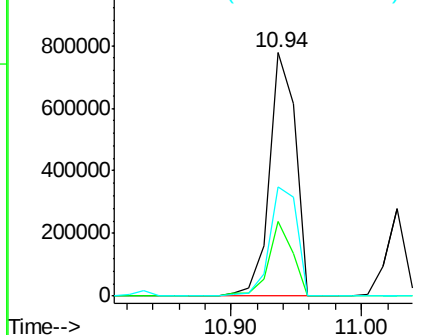
215 44.7 24.7 64.7

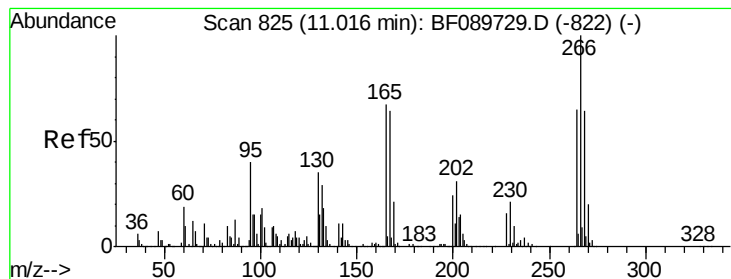


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 79.30 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:266 Resp: 1435614

Ion Ratio Lower Upper

266 100

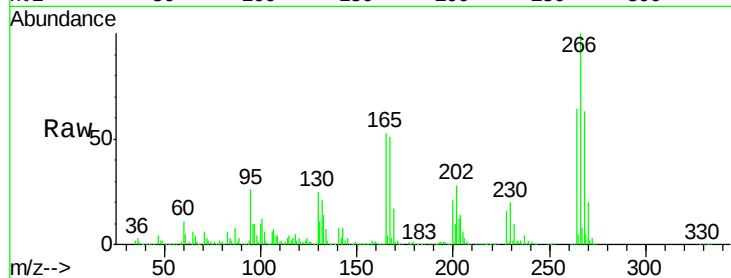
268 63.1 53.2 79.8

264 63.8 51.1 76.7

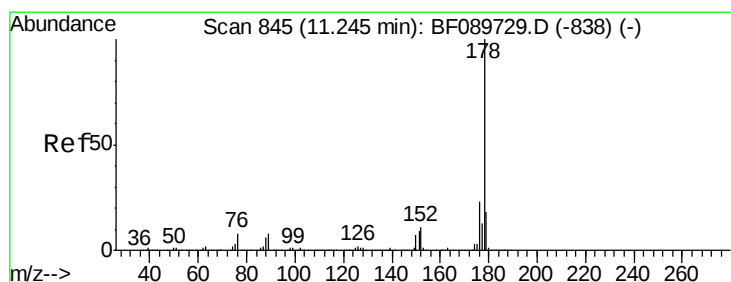
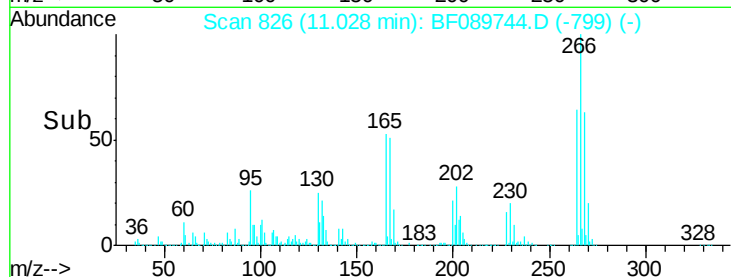
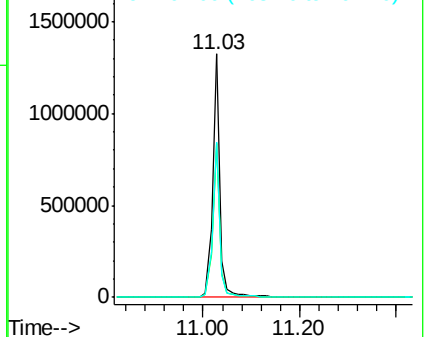
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.19 ng m

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

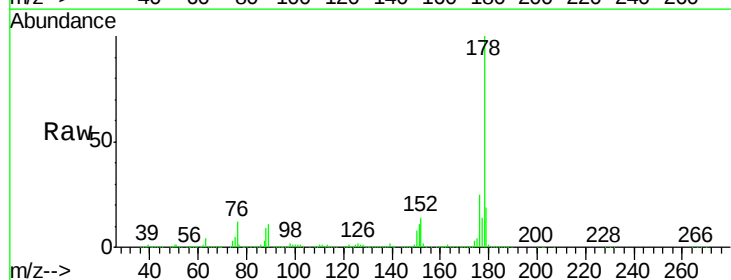
Tgt Ion:178 Resp: 5110440

Ion Ratio Lower Upper

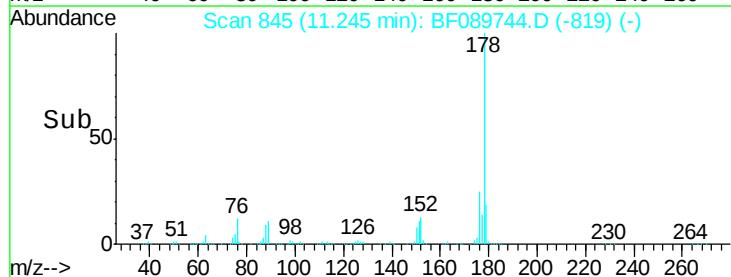
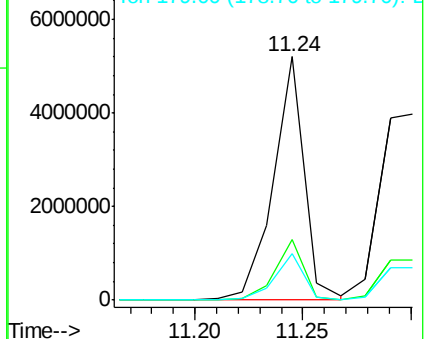
178 100

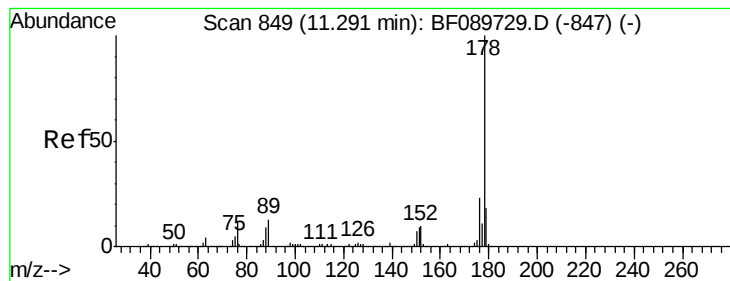
176 24.9 16.4 24.6#

179 19.3 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.31 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:178 Resp: 5743972

Ion Ratio Lower Upper

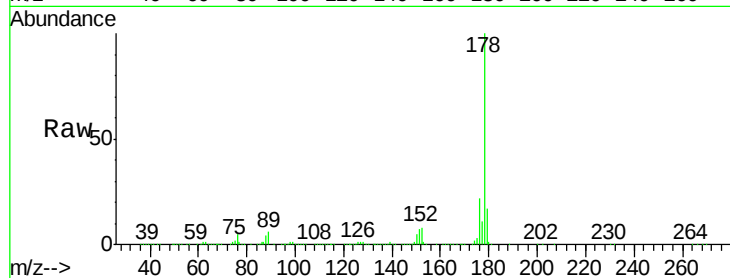
178 100

176 21.5 16.4 24.6

179 17.4 13.1 19.7

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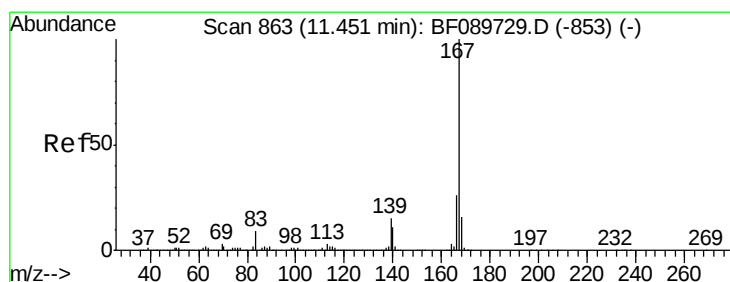
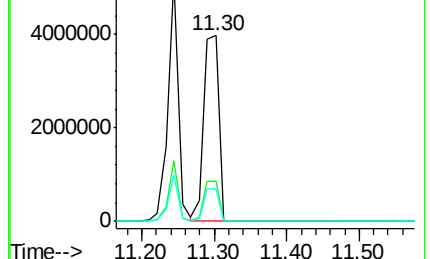
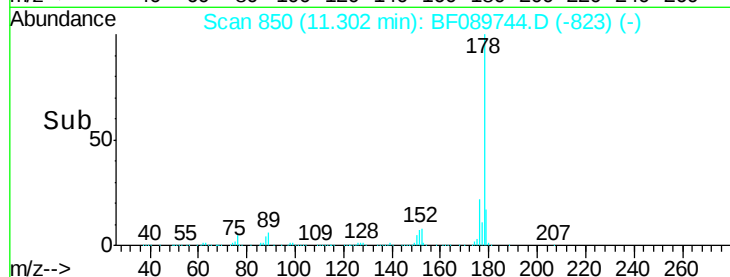
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.22 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

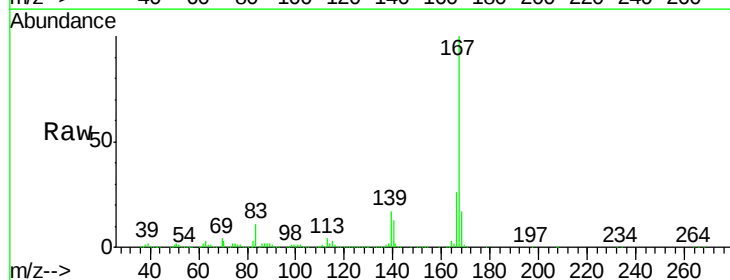
Tgt Ion:167 Resp: 5062609

Ion Ratio Lower Upper

167 100

166 26.4 17.9 26.9

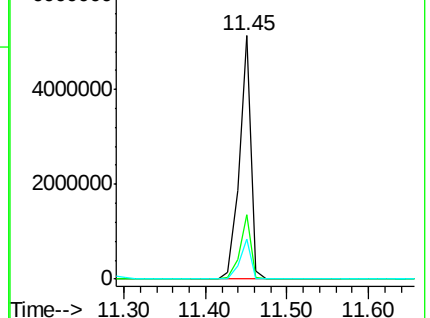
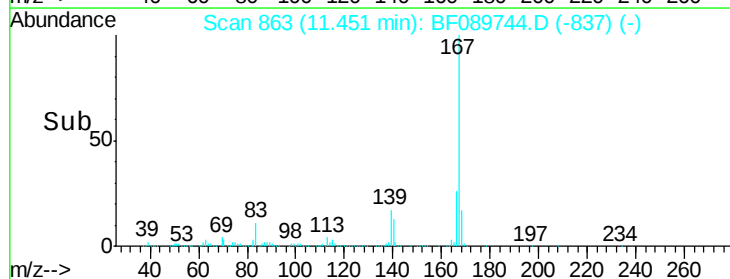
139 16.7 12.4 18.6

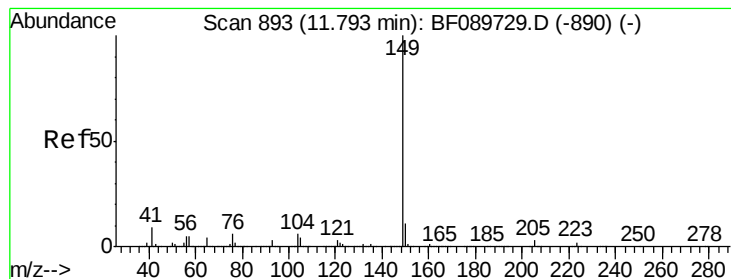


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.09 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:149 Resp: 6437746

Ion Ratio Lower Upper

149 100

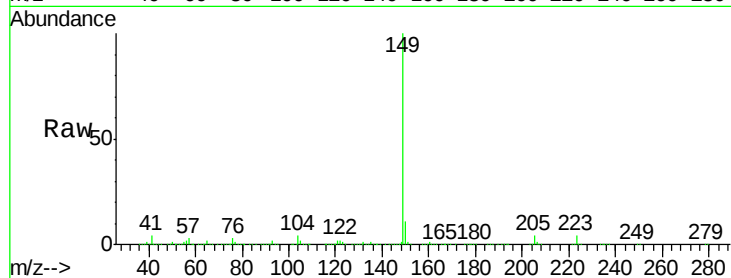
150 10.9 7.9 11.9

104 4.4 4.3 6.5

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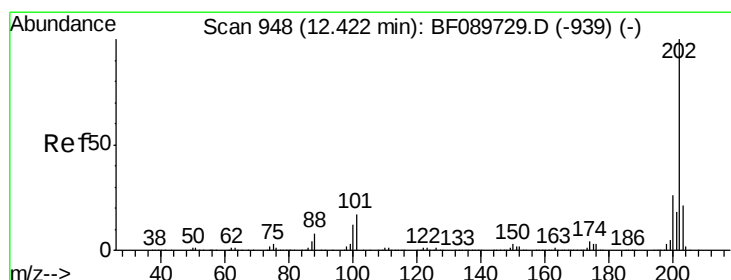
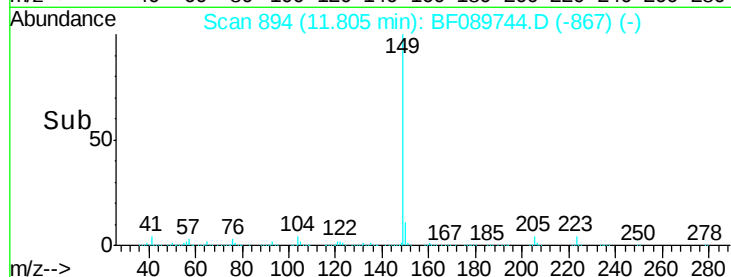
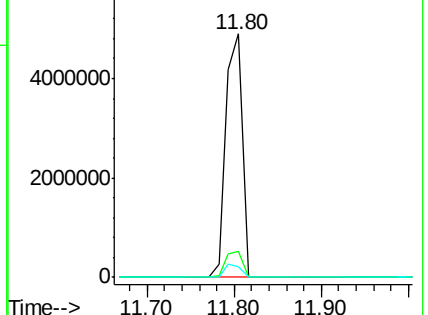
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.00 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

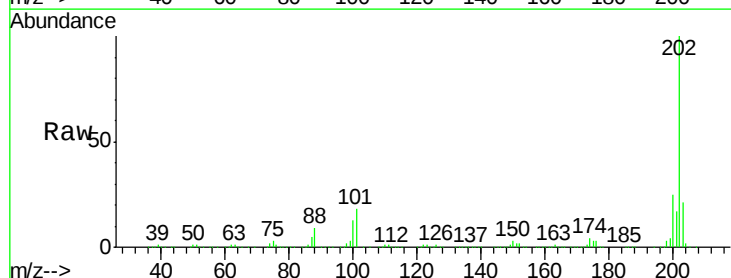
Tgt Ion:202 Resp: 5111445

Ion Ratio Lower Upper

202 100

101 17.9 0.0 31.2

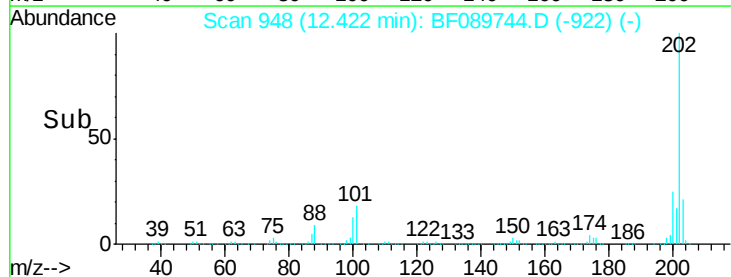
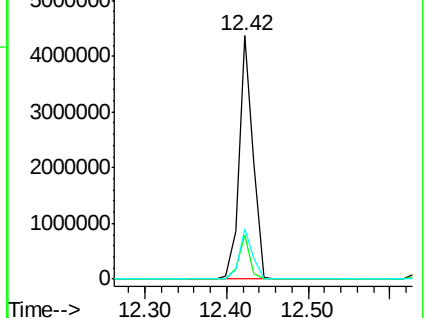
203 20.5 0.0 38.1

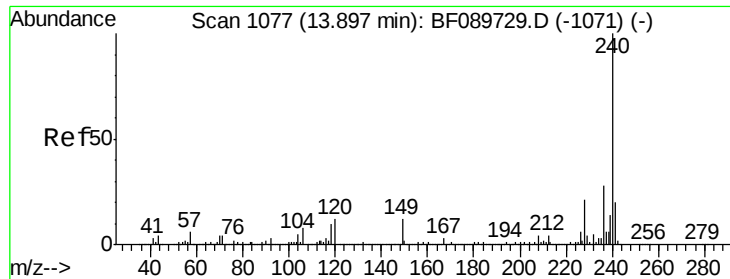


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:240 Resp: 2077237

Ion Ratio Lower Upper

240 100

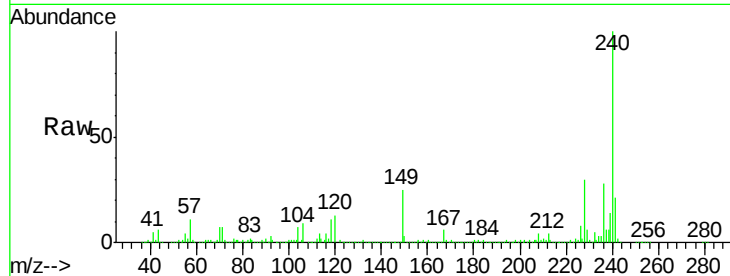
120 13.0 8.3 12.5#

236 27.8 21.3 31.9

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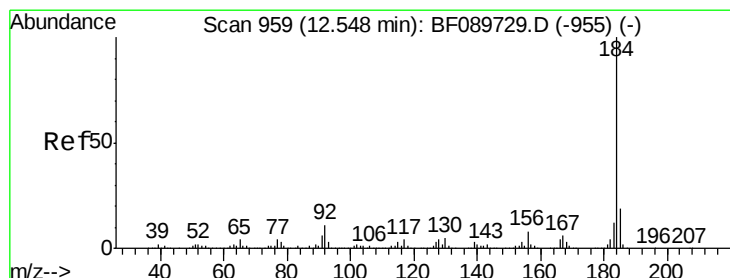
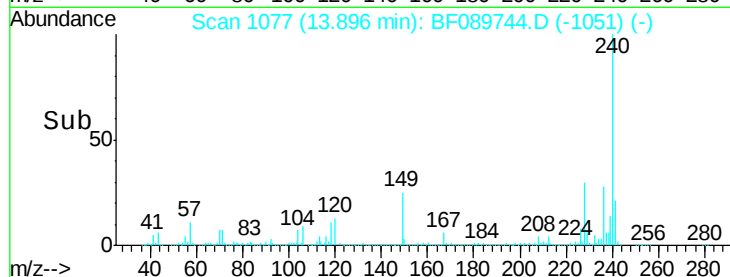
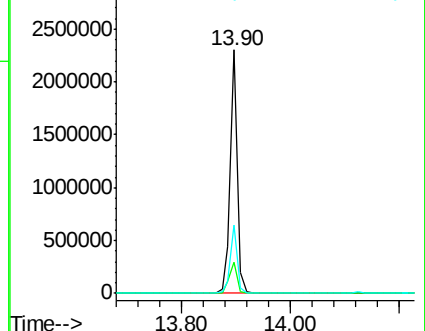
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.22 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

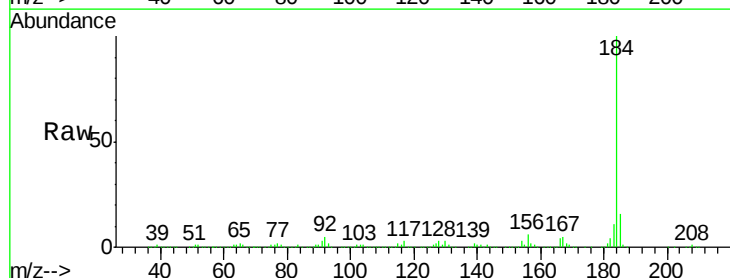
Tgt Ion:184 Resp: 2849675

Ion Ratio Lower Upper

184 100

185 16.2 13.8 20.8

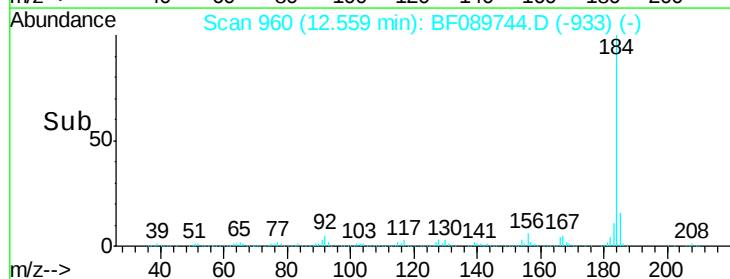
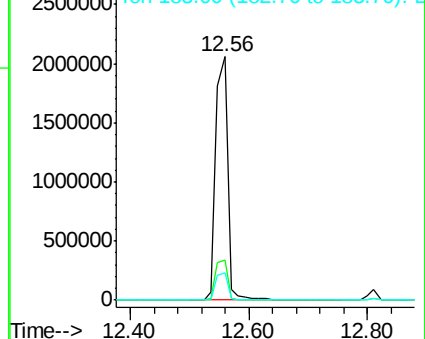
183 11.4 9.7 14.5

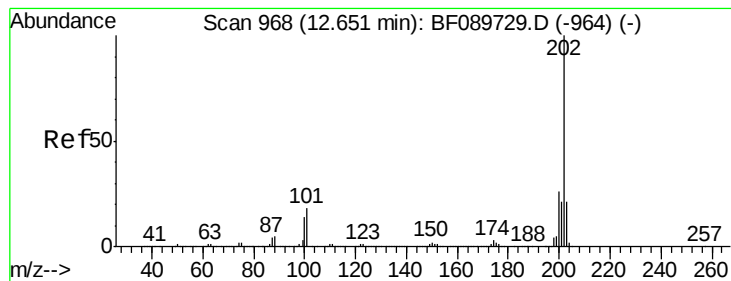


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.22 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:202 Resp: 5059445

Ion Ratio Lower Upper

202 100

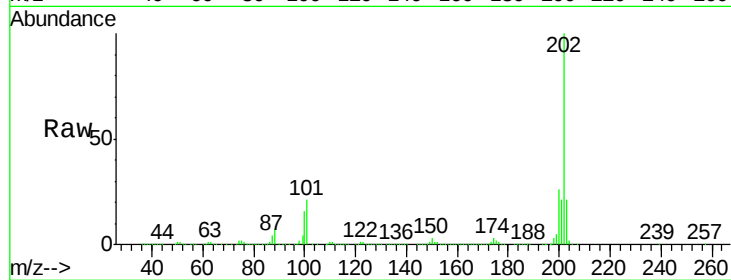
200 25.8 17.8 26.6

203 20.9 14.2 21.4

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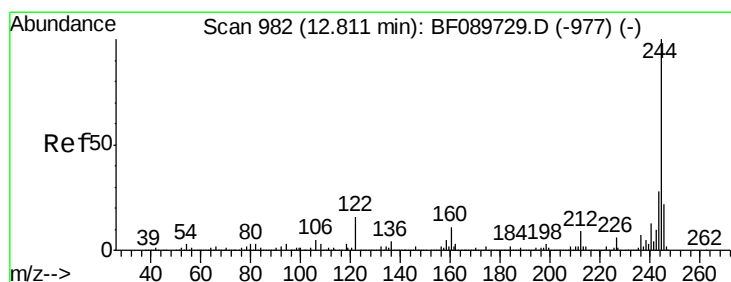
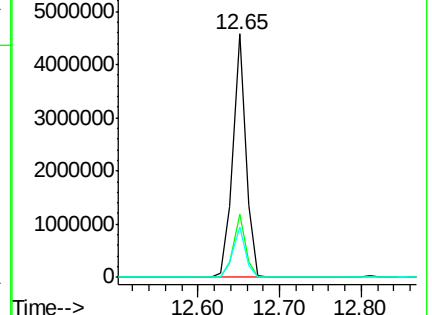
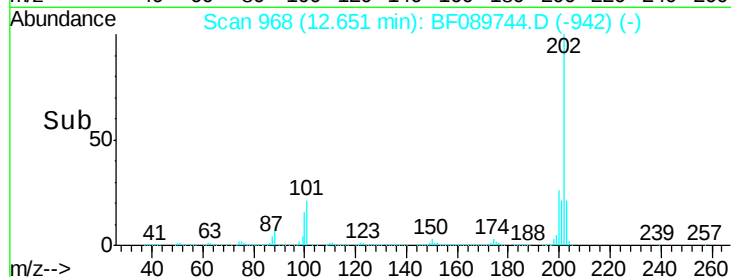
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.25 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

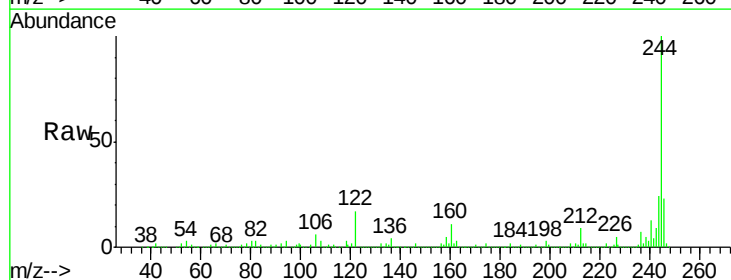
Tgt Ion:244 Resp: 5162832

Ion Ratio Lower Upper

244 100

212 9.4 6.3 9.5

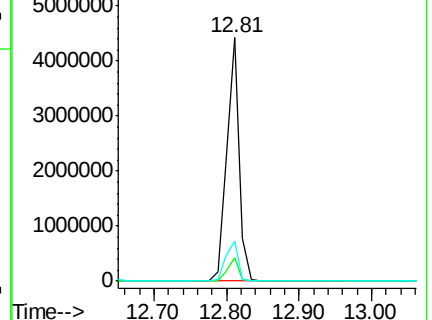
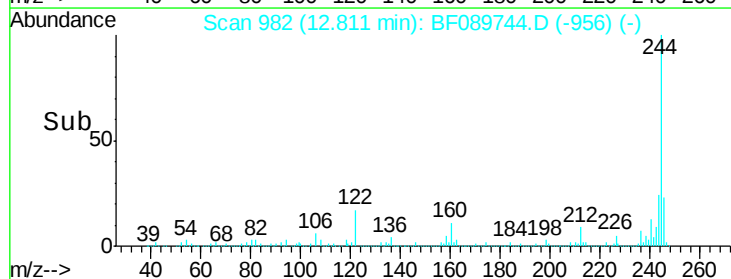
122 16.7 12.0 18.0

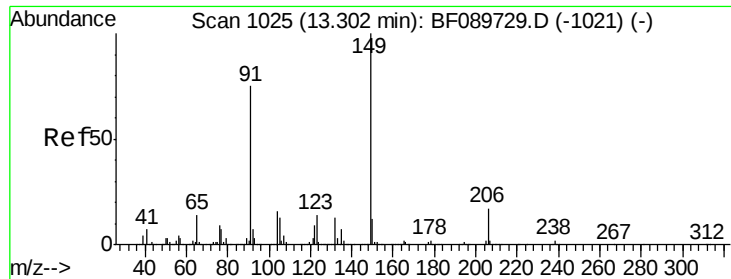


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





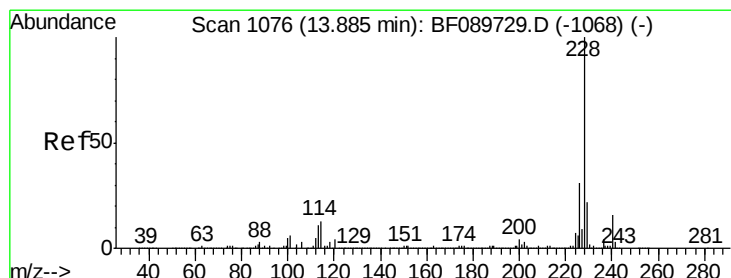
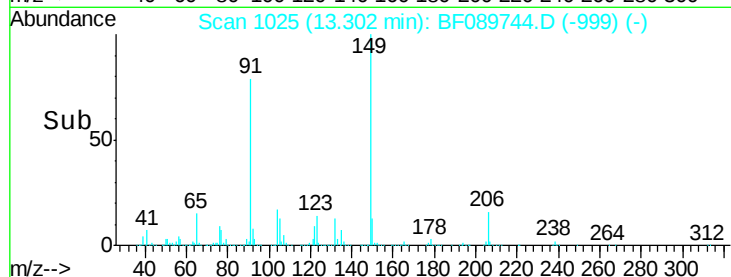
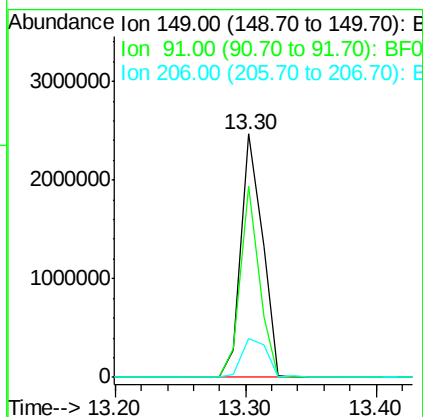
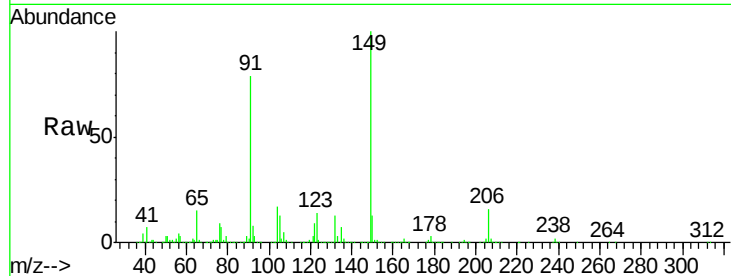
#79
Butylbenzylphthalate
Concen: 41.28 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampleId :
PB92884BS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	78.5	50.7	76.1	
206	15.8	15.5	23.3	

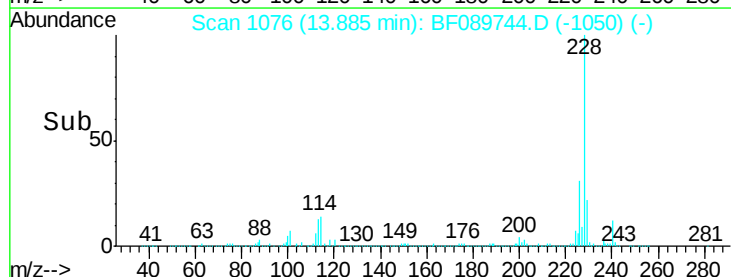
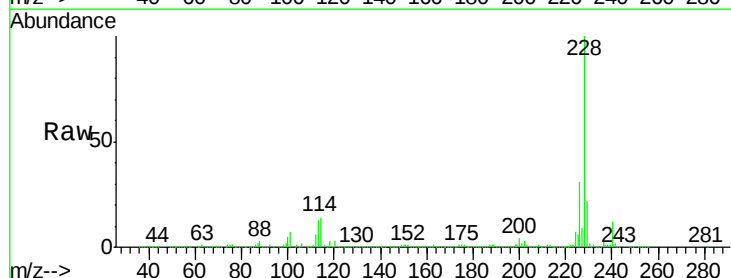
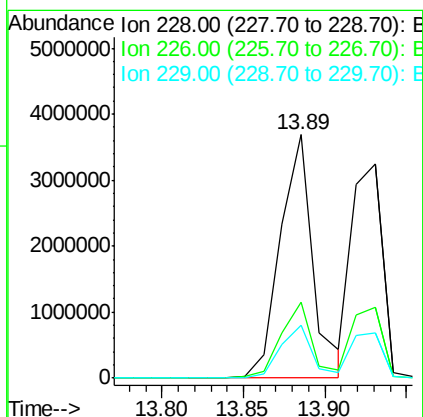
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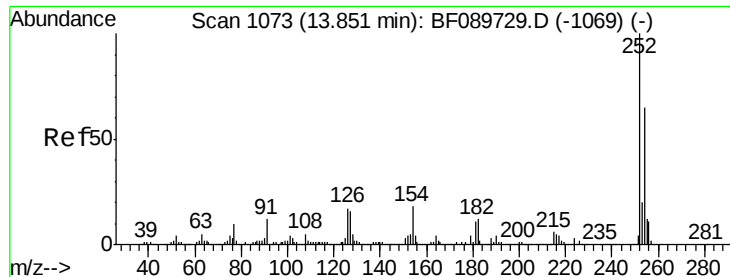
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#80
Benzo(a)anthracene
Concen: 42.62 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.0	23.2	34.8	
229	21.9	16.2	24.4	





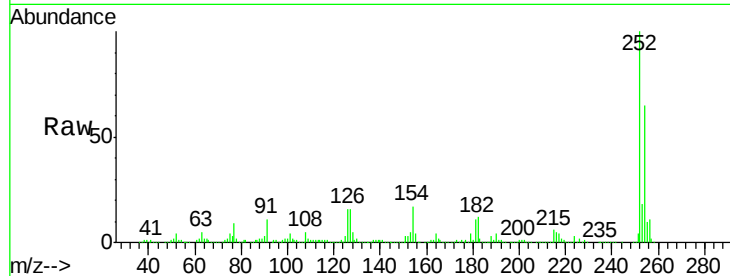
#81
 3,3'-Dichlorobenzidine
 Concen: 31.14 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BS

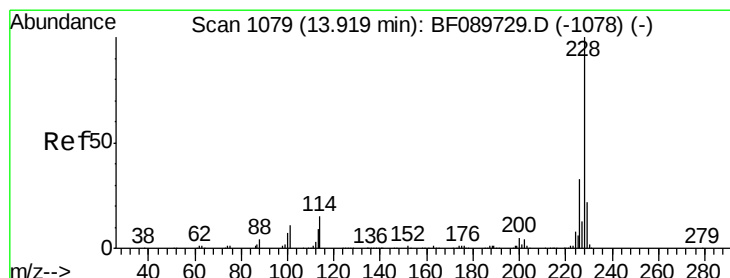
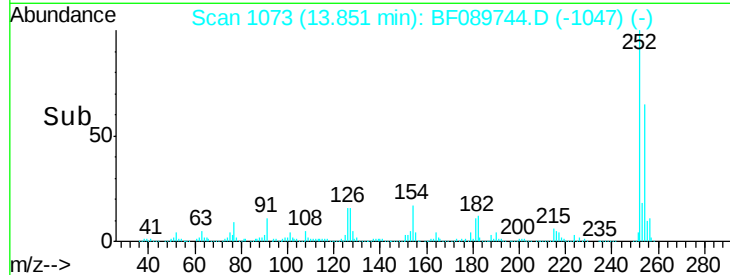
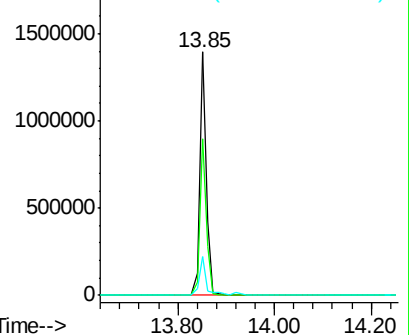
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.6	75.8
126	16.1	12.6	18.8

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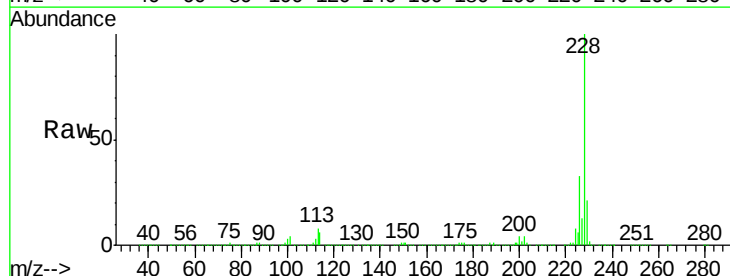


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

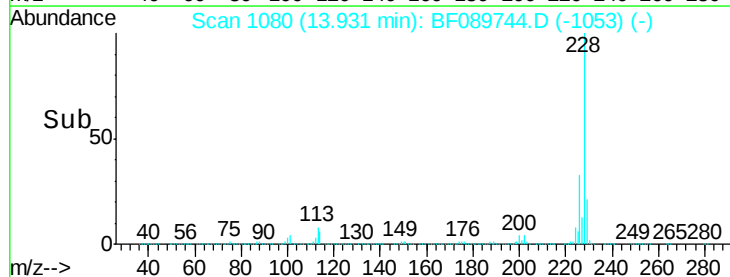
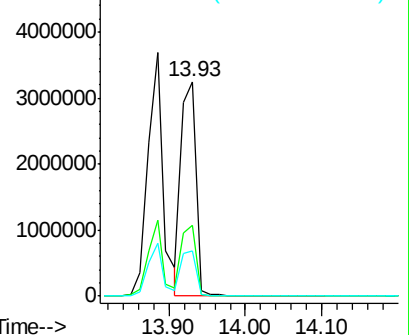


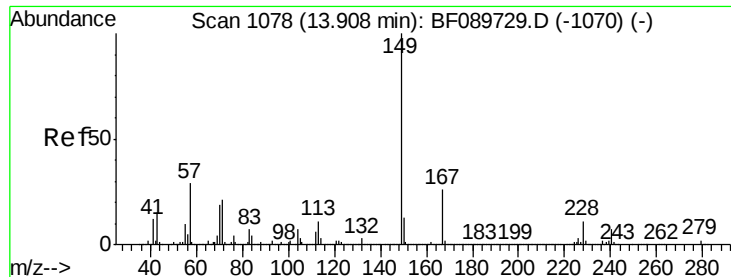
#82
 Chrysene
 Concen: 40.23 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF089744.D
 Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.4	38.0
229	21.2	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.99 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:149 Resp: 3699688

Ion Ratio Lower Upper

149 100

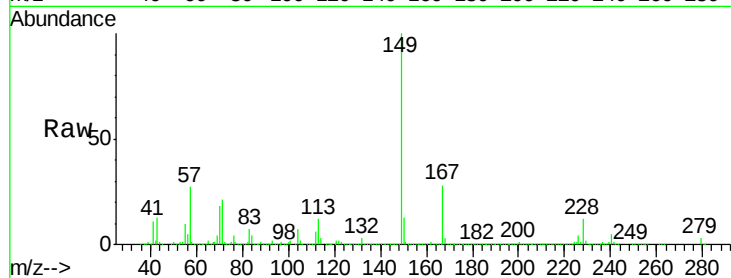
167 27.6 21.2 31.8

279 2.6 2.9 4.3#

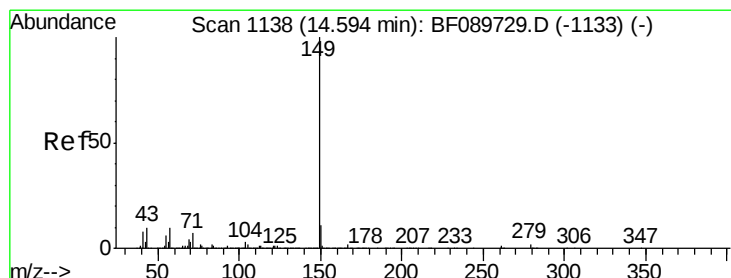
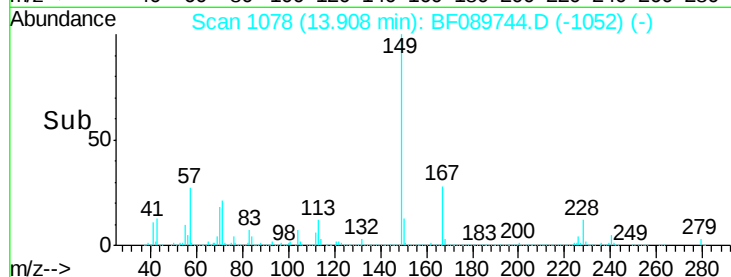
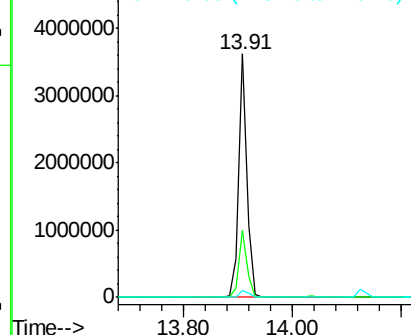
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.13 ng

RT: 14.59 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

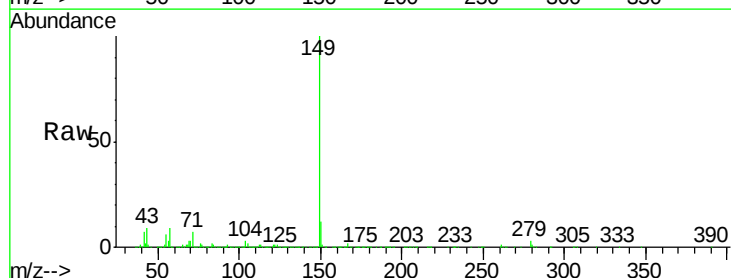
Tgt Ion:149 Resp: 6049589

Ion Ratio Lower Upper

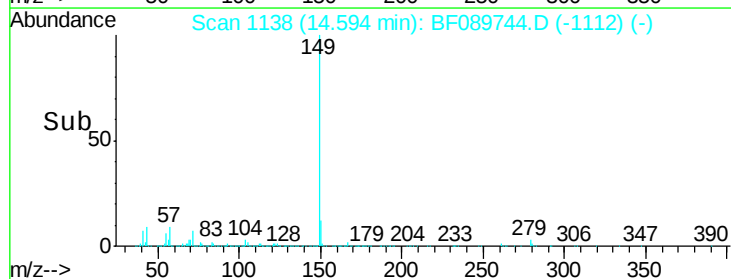
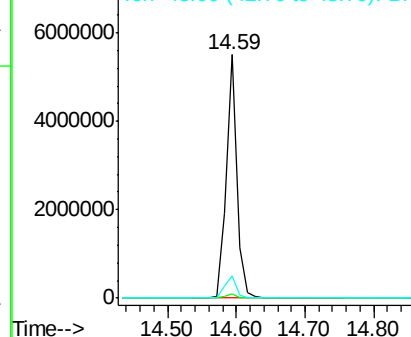
149 100

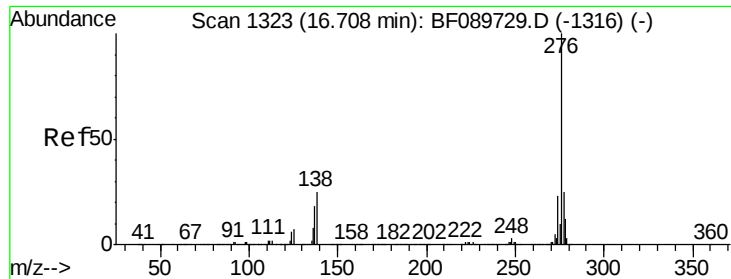
167 1.8 1.2 1.8

43 9.6 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





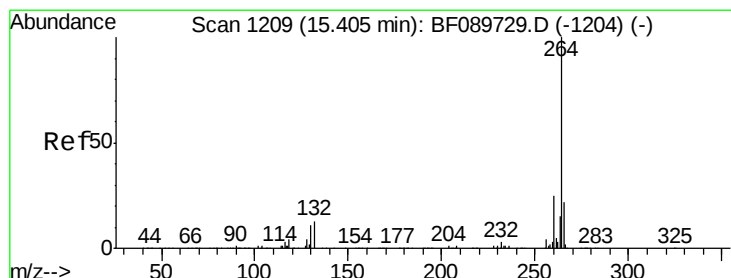
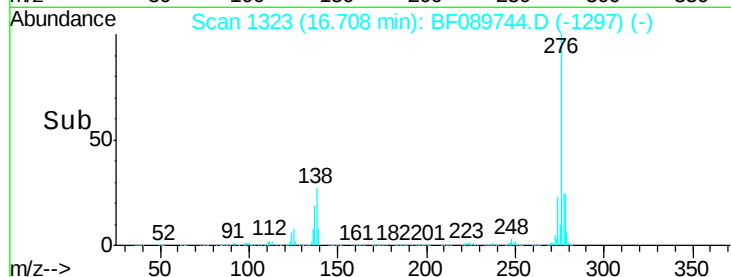
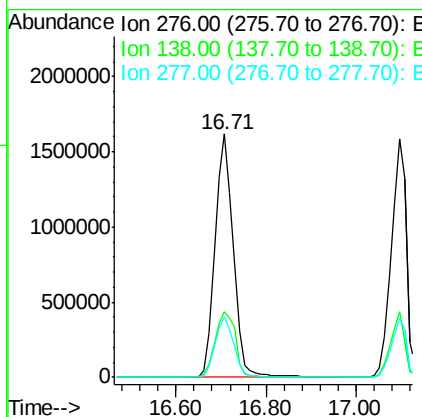
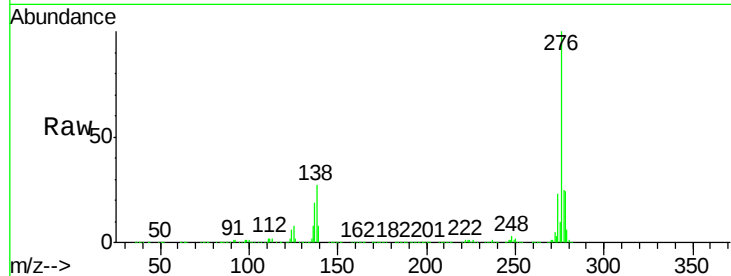
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.46 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampleId :
PB92884BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	24.6	36.8
277	25.4	20.4	30.6

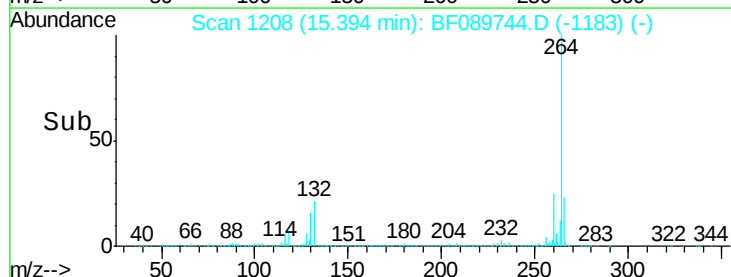
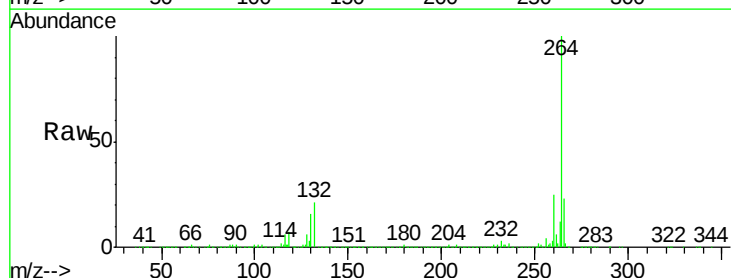
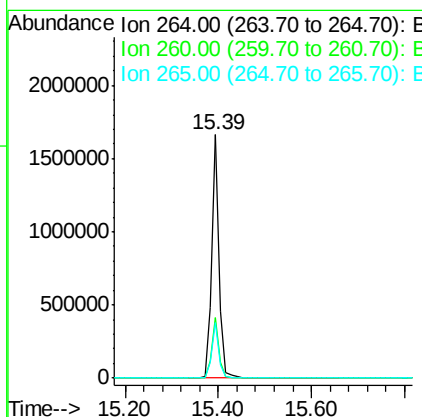
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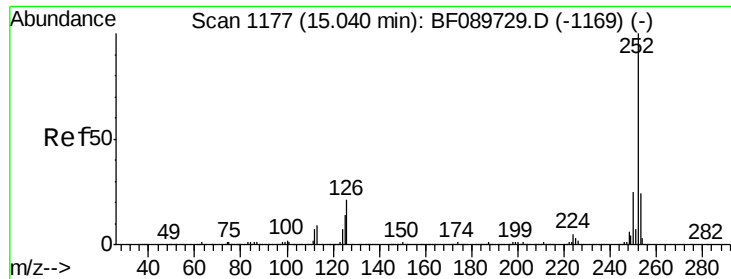
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	22.6	17.4	26.2





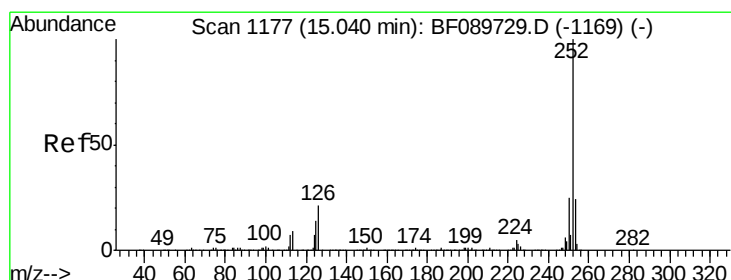
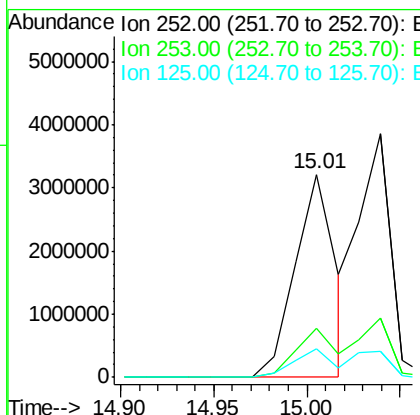
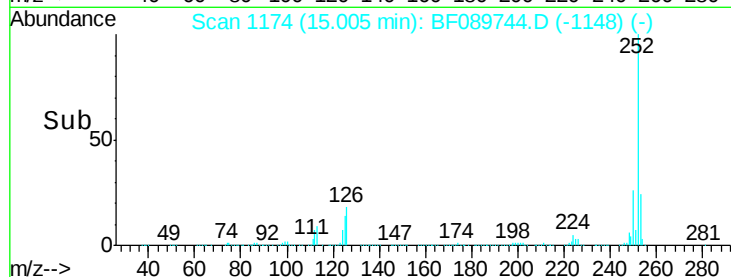
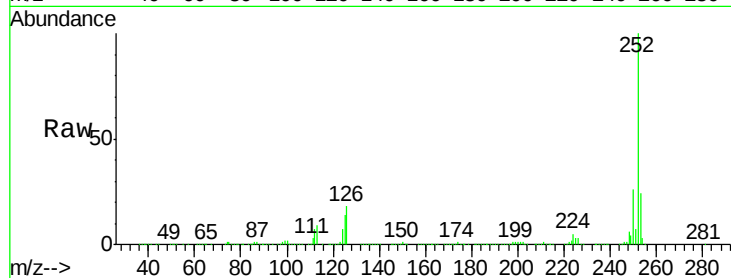
#87
Benzo(b)fluoranthene
Concen: 40.47 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampled :
PB92884BS

Tot Ion:252 Resp: 4807578
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 13.8 11.4 17.2

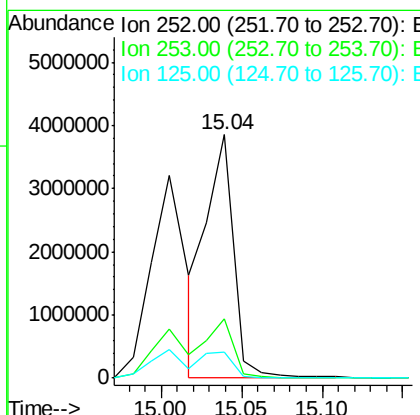
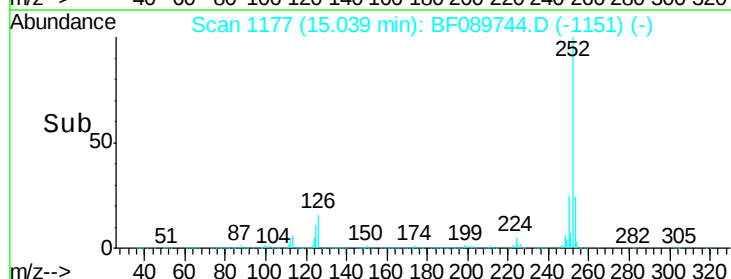
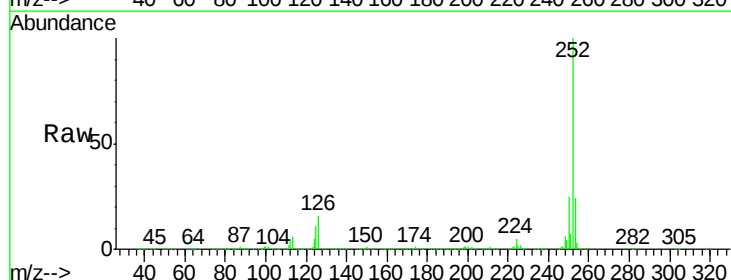
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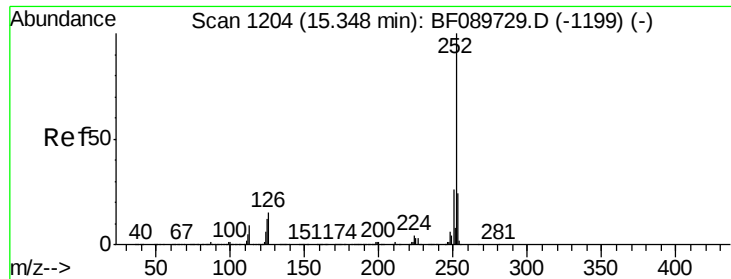
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#88
Benzo(k)fluoranthene
Concen: 47.60 ng m
RT: 15.04 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion:252 Resp: 4653587
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 10.7 9.8 14.6





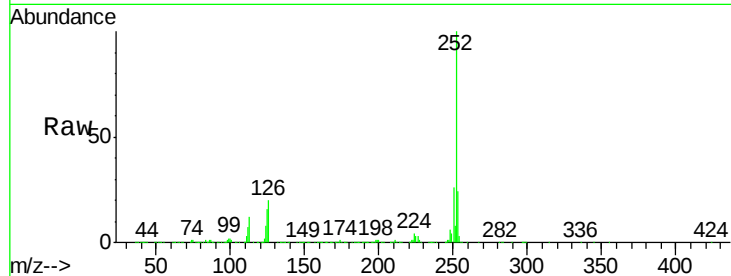
#89
Benzo(a)pyrene
Concen: 47.97 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Instrument :
BNA_F
ClientSampleId :
PB92884BS

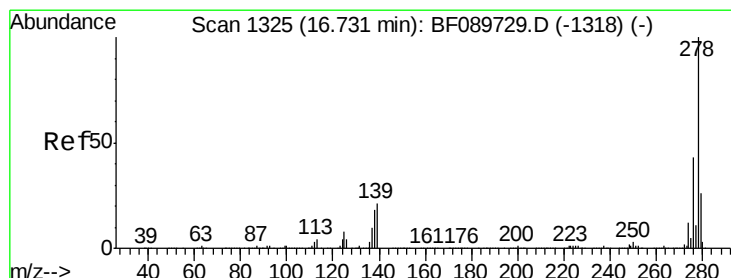
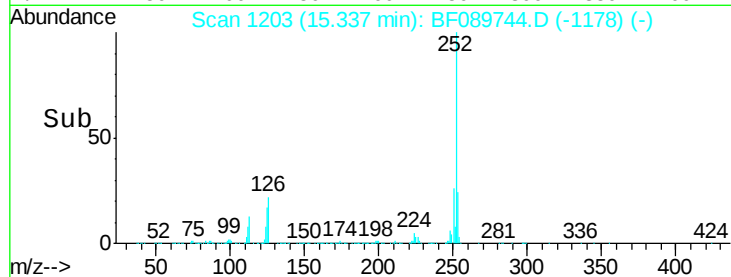
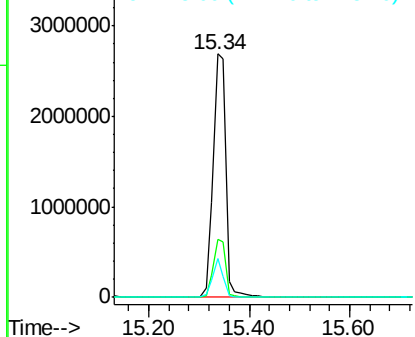
Tot Ion:252 Resp: 4703672
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 16.1 11.7 17.5

Manual Integrations
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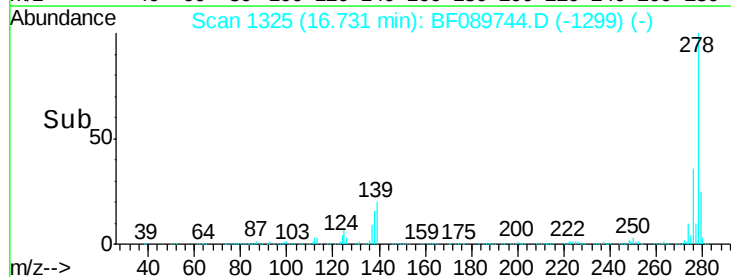
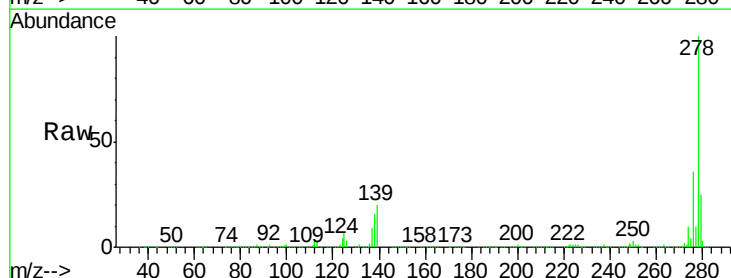
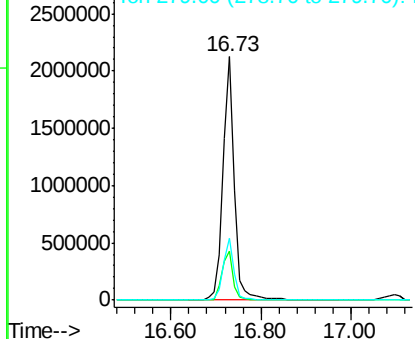
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

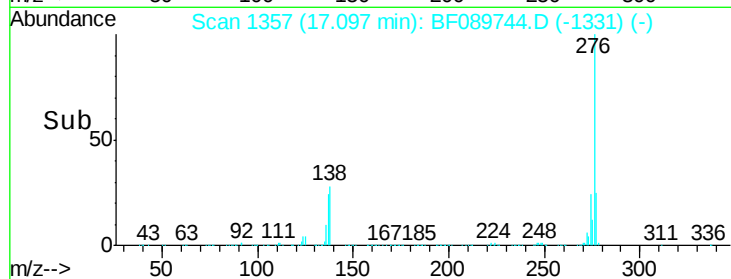
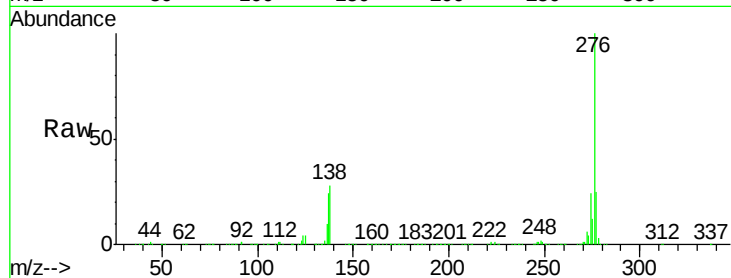
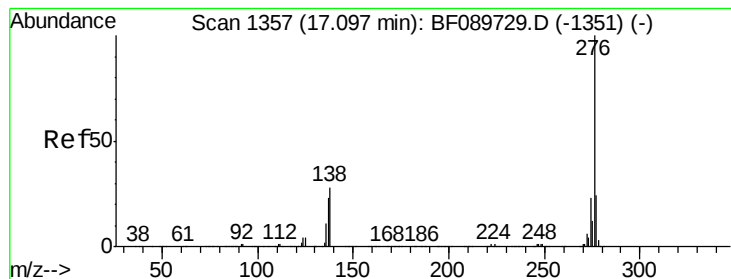


#90
Dibenzo(a,h)anthracene
Concen: 48.70 ng
RT: 16.73 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF089744.D
Acq: 17 Aug 2016 5:23

Tgt Ion:278 Resp: 3760119
Ion Ratio Lower Upper
278 100
139 19.9 14.9 22.3
279 25.5 19.2 28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.03 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF089744.D

Acq: 17 Aug 2016 5:23

Instrument :

BNA_F

ClientSampleId :

PB92884BS

Tot Ion:276 Resp: 3774770

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 27.7 22.1 33.1

Manual Integrations

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