

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089867.D
 Acq On : 24 Aug 2016 12:03
 Operator : UM/SJ
 Sample : PB93047BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Manual Integrations
 APPROVED

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 8/25/2016 6:48:56 PM

Quant Time: Aug 25 13:14:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	425253	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1656530	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	812472	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1520034	20.00	ng	0.00
75) Chrysene-d12	13.89	240	1135050	20.00	ng	0.01
86) Perylene-d12	15.42	264	935624	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	3354698	135.28	ng	0.00
7) Phenol-d6	6.31	99	3912649	128.53	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2364018	88.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	1024480	132.68	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	3909585	84.57	ng	-0.01
78) Terphenyl-d14	12.78	244	3499747	69.75	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	418638	34.11	ng	97
3) Pyridine	2.83	79	1189701	36.96	ng	93
4) n-Nitrosodimethylamine	2.80	42	523476	43.68	ng	# 88
6) Aniline	6.33	93	1009704	24.73	ng	# 69
8) 2-Chlorophenol	6.46	128	1226300	41.35	ng	# 78
9) Benzaldehyde	6.20	77	274094	13.82	ng	89
10) Phenol	6.32	94	1244105	34.87	ng	89
11) bis(2-Chloroethyl)ether	6.41	93	1073305	38.80	ng	98
12) 1,3-Dichlorobenzene	6.60	146	1188183	38.33	ng	99
13) 1,4-Dichlorobenzene	6.68	146	1261160	39.58	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1211988	40.74	ng	98
15) Benzyl Alcohol	6.82	79	932543	46.20	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1264363	35.71	ng	93
17) 2-Methylphenol	6.94	107	991792	42.70	ng	96
18) Hexachloroethane	7.19	117	466187	41.02	ng	94
19) n-Nitroso-di-n-propylamine	7.10	70	767197	39.41	ng	89
20) 3+4-Methylphenols	7.10	107	1300236	45.66	ng	# 49
22) Acetophenone	7.08	105	1421108	37.36	ng	# 89
24) Nitrobenzene	7.26	77	1289548	43.11	ng	95
25) Isophorone	7.50	82	2146174	39.91	ng	98
26) 2-Nitrophenol	7.58	139	687281	46.05	ng	96
27) 2,4-Dimethylphenol	7.62	122	1167686	43.41	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	1417884	42.61	ng	# 95
29) 2,4-Dichlorophenol	7.82	162	1017961	45.10	ng	96
30) 1,2,4-Trichlorobenzene	7.90	180	987756	39.56	ng	98
31) Naphthalene	7.98	128	3141666	40.58	ng	99
32) Benzoic acid	7.74	122	512554	24.45	ng	99
33) 4-Chloroaniline	8.03	127	400199	11.93	ng	97
34) Hexachlorobutadiene	8.10	225	512916	39.23	ng	99
35) Caprolactam	8.40	113	327619m	47.66	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1096431	44.85	ng	99
37) 2-Methylnaphthalene	8.67	142	2347718	46.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	746150	28.36	ng	98
40) Hexachlorocyclopentadiene	8.83	237	955879	104.65	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	688856	41.62	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	707526	42.98	nq	98
45) 1,1'-Biphenyl	9.14	154	2352476	37.42	nq	93
46) 2-Chloronaphthalene	9.15	162	1942104	39.08	nq	99
47) 2-Nitroaniline	9.26	65	696209	49.11	nq	# 77
48) Acenaphthylene	9.56	152	3084383	41.30	nq	99
49) Dimethylphthalate	9.45	163	2574083	45.00	nq	100
50) 2,6-Dinitrotoluene	9.50	165	516578	39.11	nq	# 85
51) Acenaphthene	9.74	154	2309215	46.72	nq	98
52) 3-Nitroaniline	9.66	138	286023	19.55	nq	96
53) 2,4-Dinitrophenol	9.77	184	486640	67.29	nq	# 86
54) Dibenzofuran	9.92	168	3004790	48.40	nq	# 89
55) 4-Nitrophenol	9.83	139	945665	79.18	nq	88
56) 2,4-Dinitrotoluene	9.90	165	689738	40.25	nq	# 59
57) Fluorene	10.25	166	2089421	42.23	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	579138	48.34	nq	99
59) Diethylphthalate	10.15	149	2455655	42.26	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	907953	40.23	nq	94
61) 4-Nitroaniline	10.27	138	600889	43.80	nq	95
62) Azobenzene	10.41	77	2421007	44.31	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	345778	39.59	nq	# 74
65) n-Nitrosodiphenylamine	10.38	169	2145230	44.89	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	670392	42.07	nq	# 85
67) Hexachlorobenzene	10.80	284	692985	38.12	nq	# 82
68) Atrazine	10.90	200	558813	38.18	nq	96
69) Pentachlorophenol	10.99	266	716814	69.56	nq	98
70) Phenanthrene	11.21	178	3227404	42.04	nq	96
71) Anthracene	11.26	178	3283132	42.07	nq	99
72) Carbazole	11.42	167	2970222	42.43	nq	97
73) Di-n-butylphthalate	11.77	149	3881229	44.32	nq	# 98
74) Fluoranthene	12.39	202	2967852	40.64	nq	93
76) Benzidine	12.53	184	1021562	27.81	nq	96
77) Pyrene	12.62	202	2984732	32.29	nq	98
79) Butylbenzylphthalate	13.28	149	1610358	38.58	nq	86
80) Benzo(a)anthracene	13.87	228	2726987	41.95	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	512069	24.03	nq	98
82) Chrysene	13.91	228	2131528	38.25	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	2142125	37.25	nq	97
84) Di-n-octyl phthalate	14.61	149	3663403	47.94	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.71	276	2246928	31.60	nq	100
87) Benzo(b)fluoranthene	15.02	252	2731835m	53.08	nq	
88) Benzo(k)fluoranthene	15.05	252	1751546m	37.51	nq	
89) Benzo(a)pyrene	15.36	252	2040130	41.87	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	1880769	35.57	nq	97
91) Benzo(g,h,i)perylene	17.10	276	1936266	34.77	nq	98

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

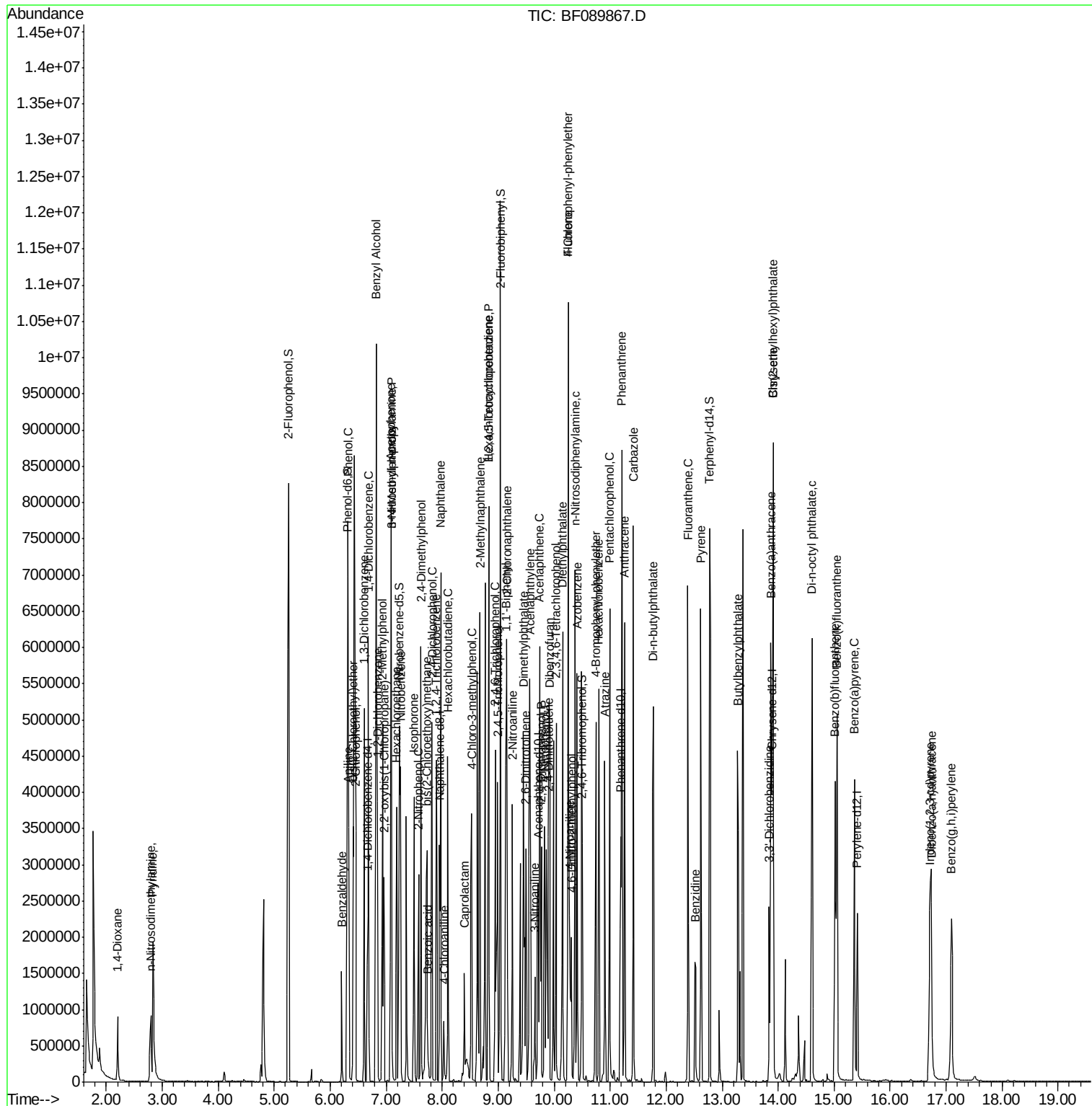
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\  
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Sample    : PB93047BS  
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ALS Vial  : 4 Sample Multiplier: 1
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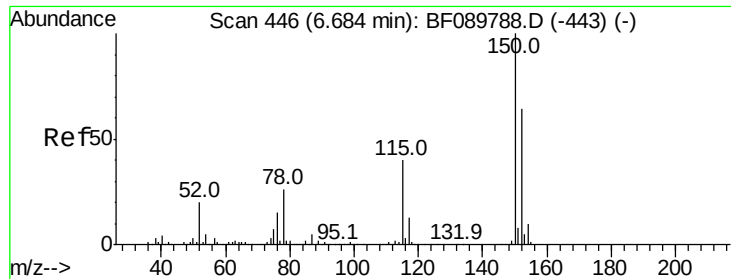
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

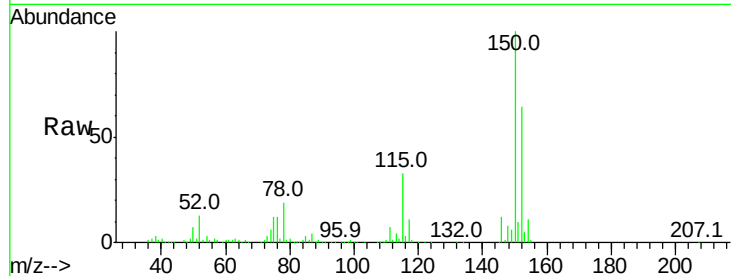
ClientSampleId :

PB93047BS

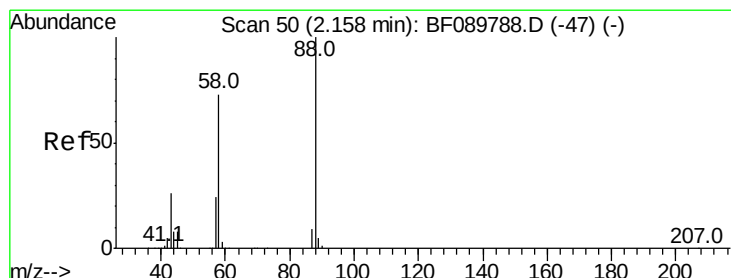
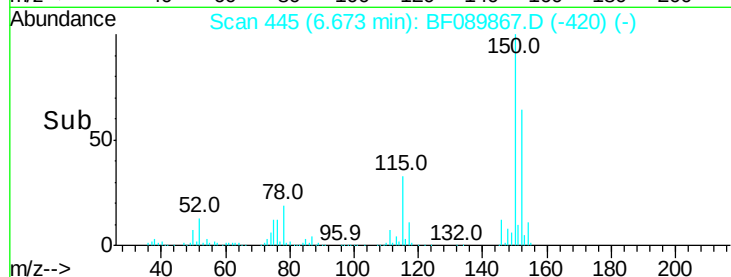
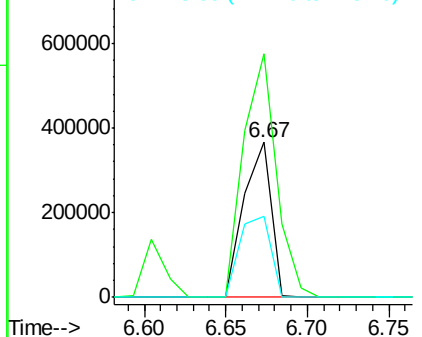
Tot Ion:	152	Resp:	425253
Ion Ratio	Lower	Upper	
152	100		
150	156.9	125.3	187.9
115	51.9	40.9	61.3

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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: 34.11 ng

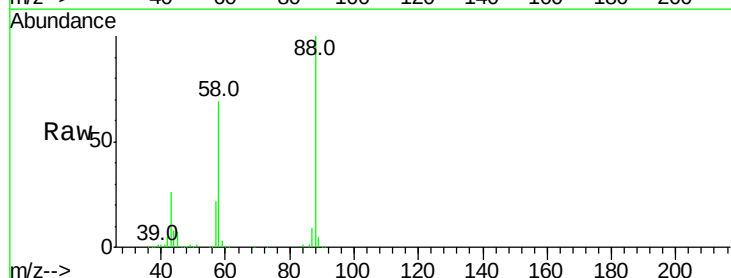
RT: 2.20 min Scan# 54

Delta R.T. 0.05 min

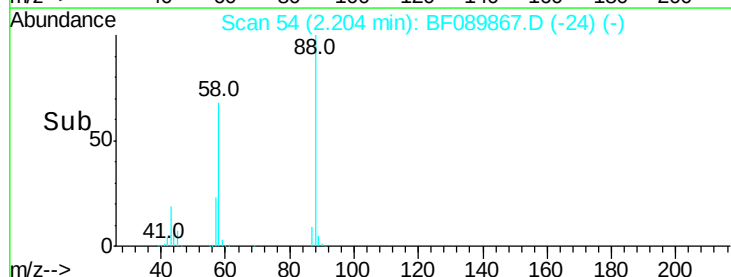
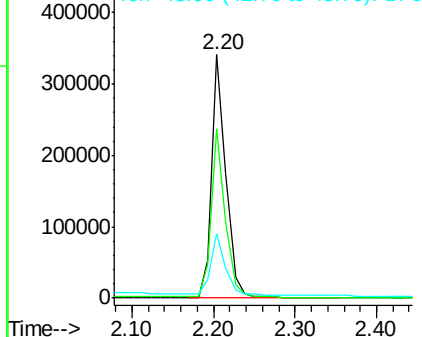
Lab File: BF089867.D

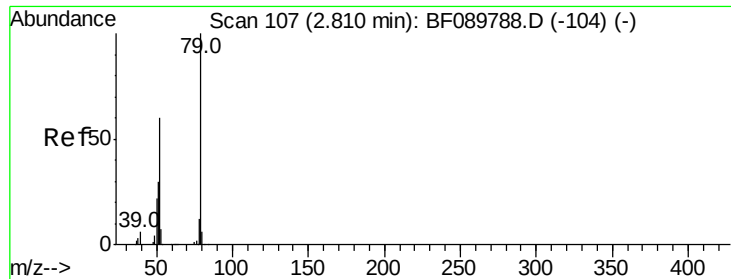
Acq: 24 Aug 2016 12:03

Tgt Ion:	88	Resp:	418638
Ion Ratio	Lower	Upper	
88	100		
58	67.7	57.0	85.4
43	26.6	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: 36.96 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion: 79 Resp: 1189701

Ion Ratio Lower Upper

79 100

52 60.6 53.6 80.4

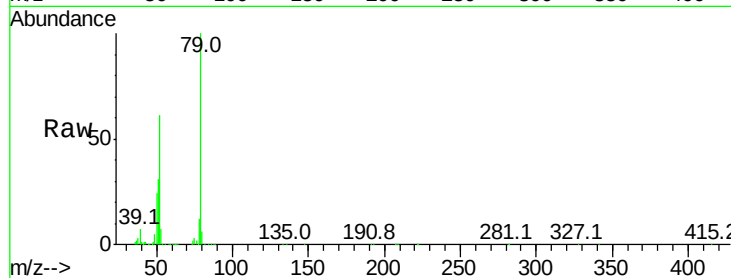
51 30.8 26.6 39.8

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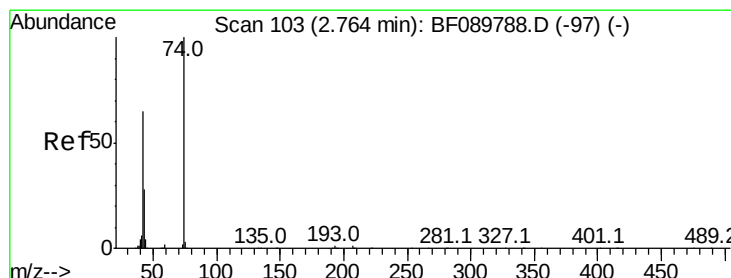
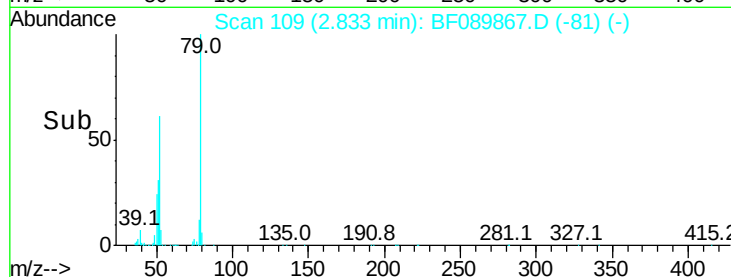
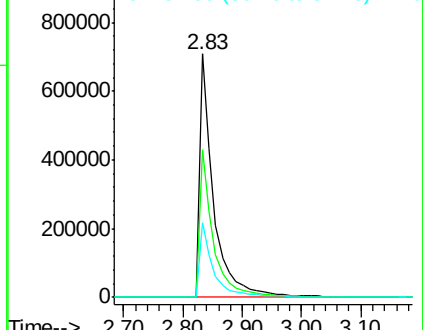
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.68 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

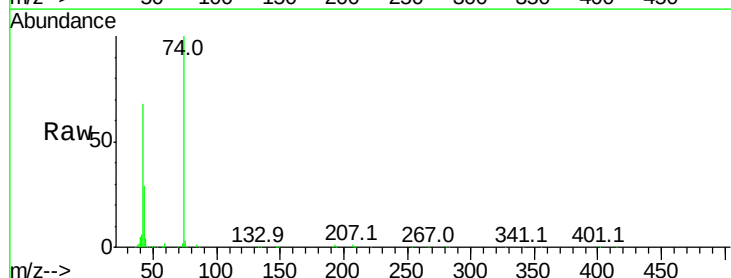
Tgt Ion: 42 Resp: 523476

Ion Ratio Lower Upper

42 100

74 147.4 106.2 159.2

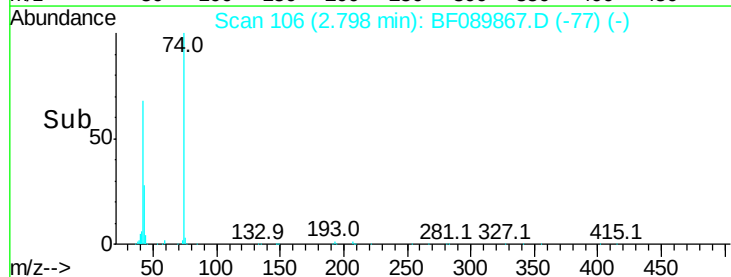
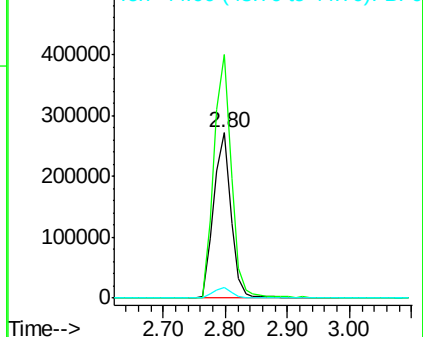
44 6.6 6.9 10.3#

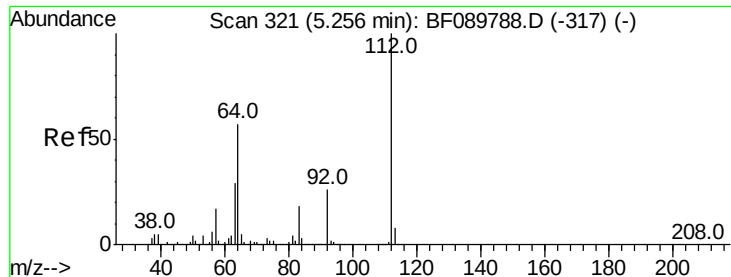


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 135.28 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

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BNA_F

ClientSampleId :

PB93047BS

Tot Ion:112 Resp: 3354698

Ion Ratio Lower Upper

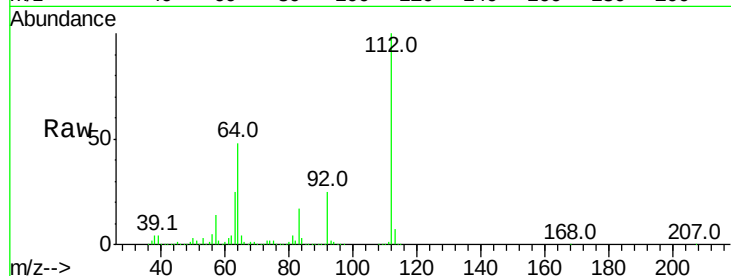
112 100

64 47.9 45.0 67.4

63 24.7 23.1 34.7

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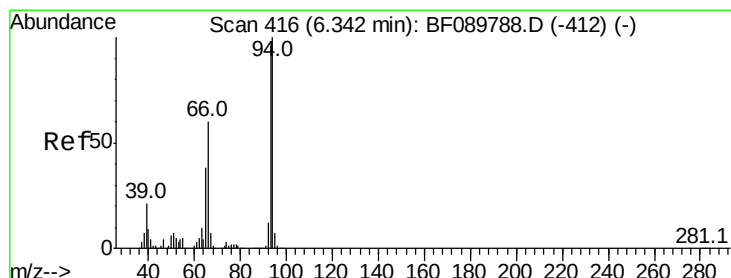
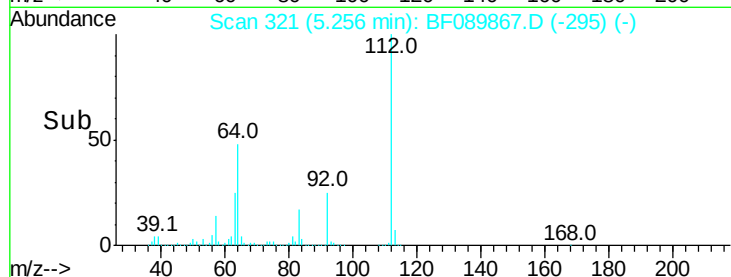
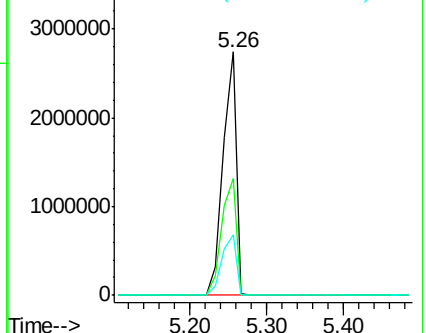
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.73 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

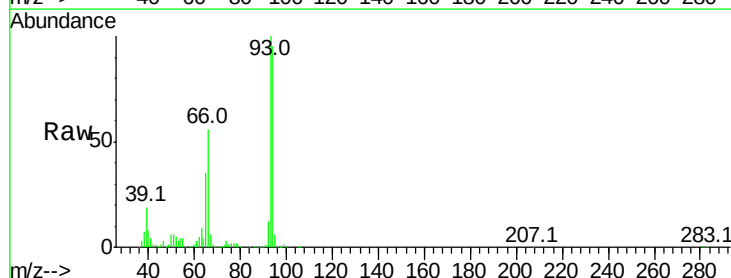
Tgt Ion: 93 Resp: 1009704

Ion Ratio Lower Upper

93 100

66 56.5 30.6 46.0#

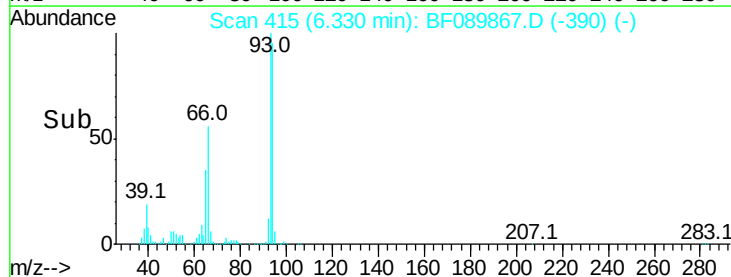
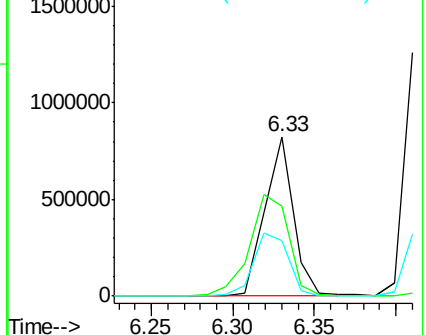
65 34.7 15.4 23.2#

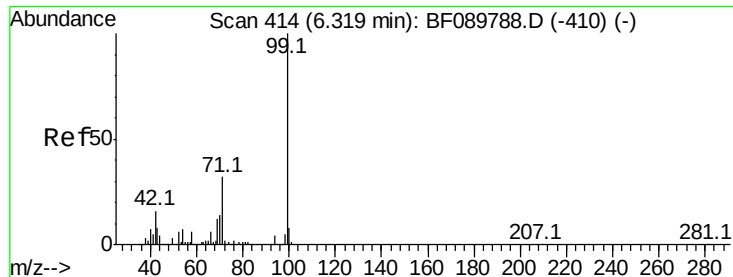


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.53 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

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Instrument :

BNA_F

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PB93047BS

Tot Ion: 99 Resp: 3912649

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.4

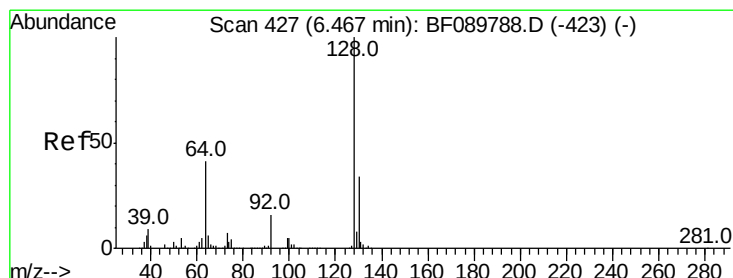
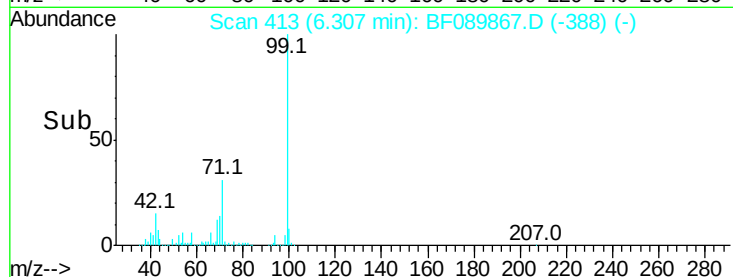
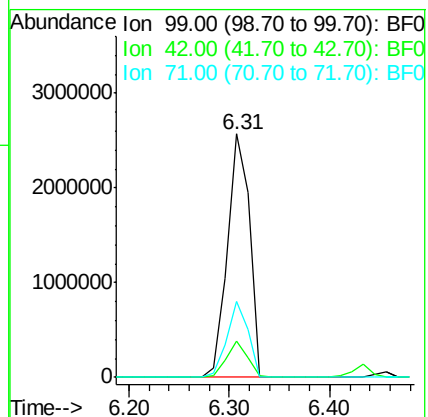
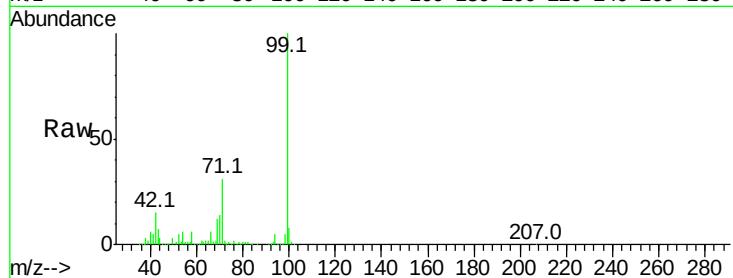
71 31.2 23.8 35.8

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#8

2-Chlorophenol

Concen: 41.35 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

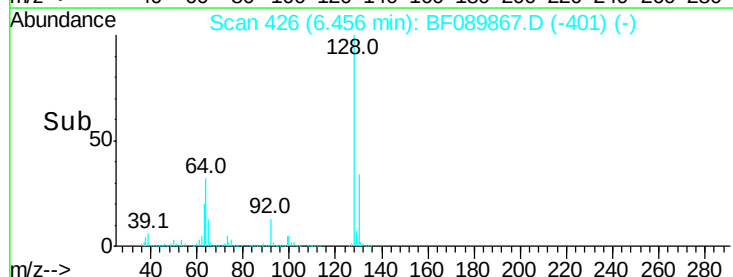
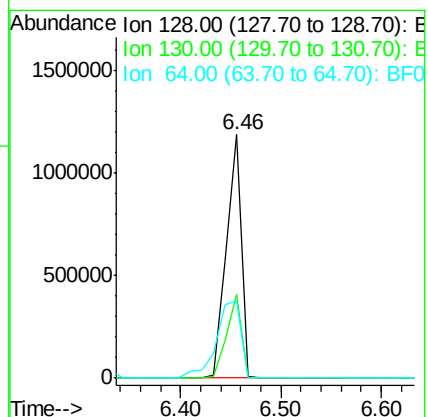
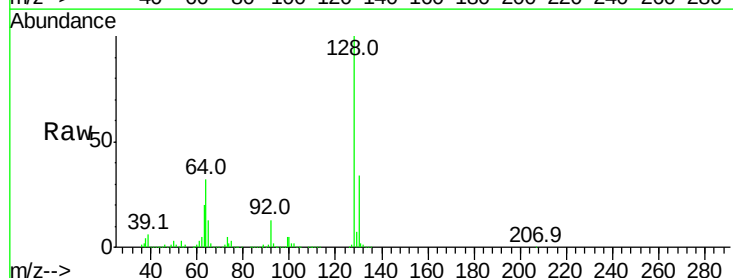
Tgt Ion:128 Resp: 1226300

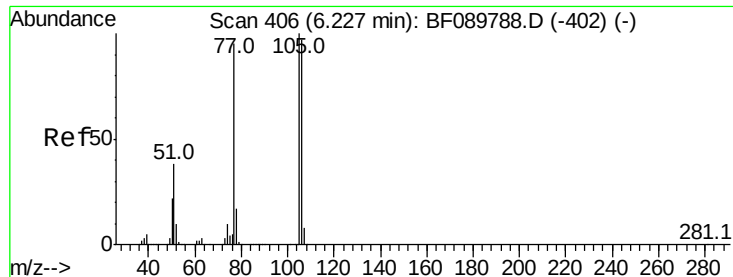
Ion Ratio Lower Upper

128 100

130 34.3 12.0 52.0

64 31.7 35.1 75.1#





#9

Benzaldehyde

Concen: 13.82 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

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BNA_F

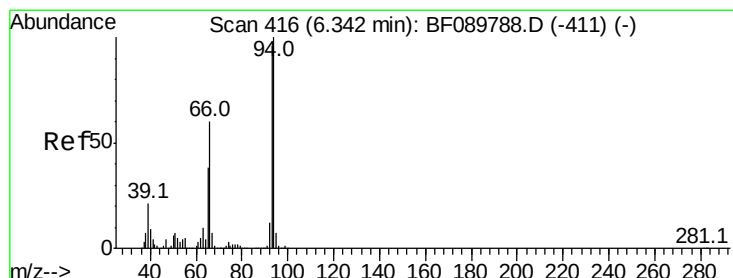
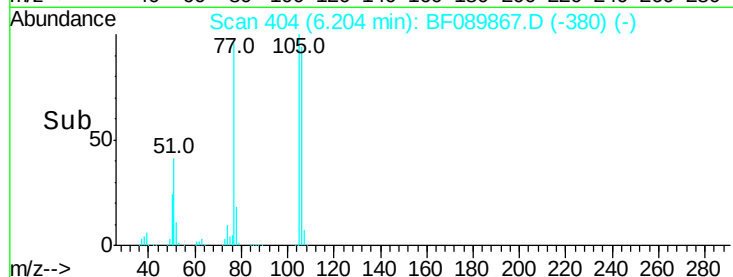
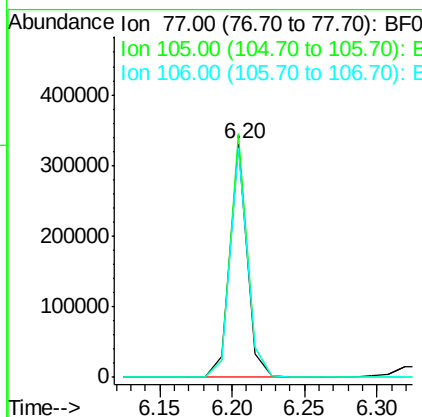
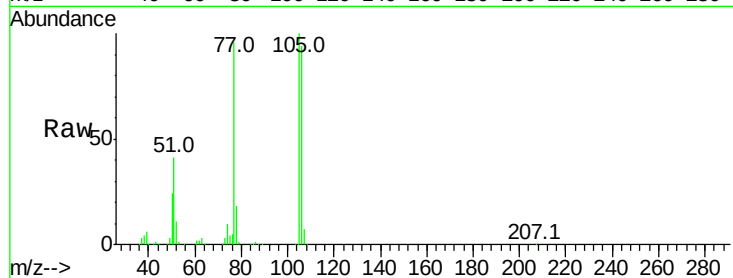
ClientSampleId :

PB93047BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.1	73.3	113.3
106	98.0	68.6	108.6

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#10

Phenol

Concen: 34.87 ng

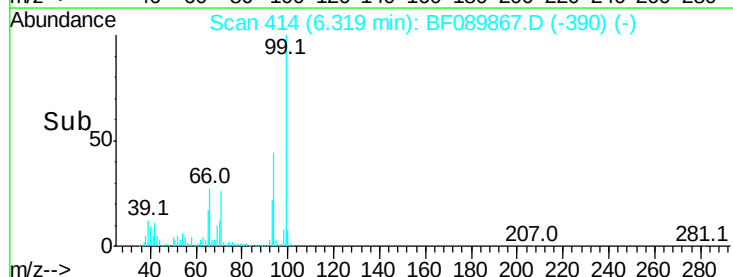
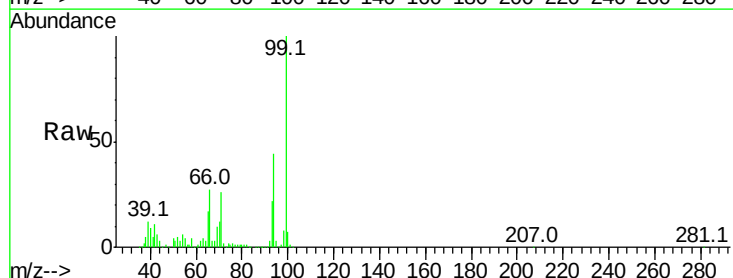
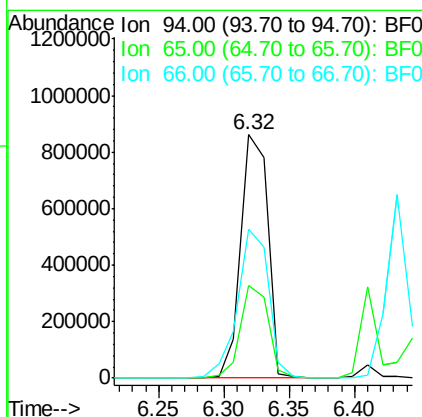
RT: 6.32 min Scan# 414

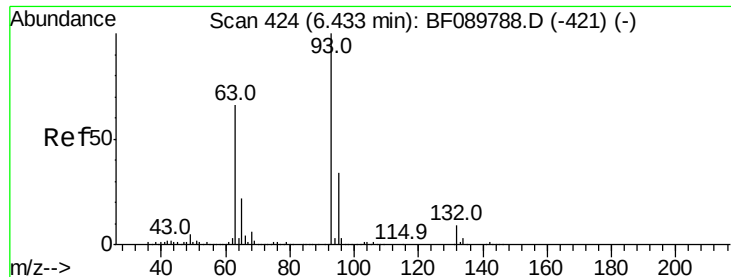
Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.1	14.0	54.0
66	60.9	31.2	71.2





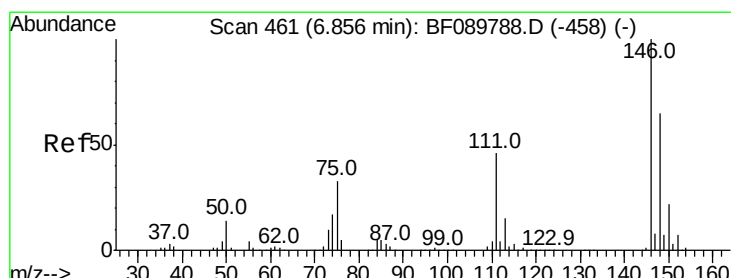
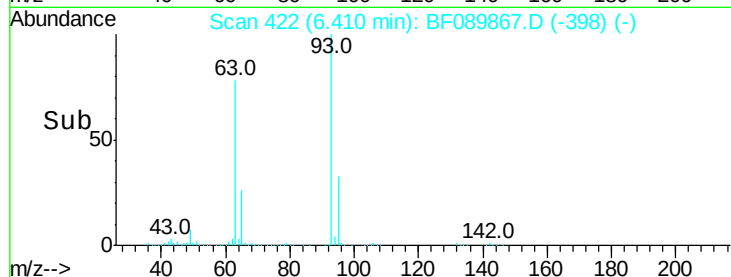
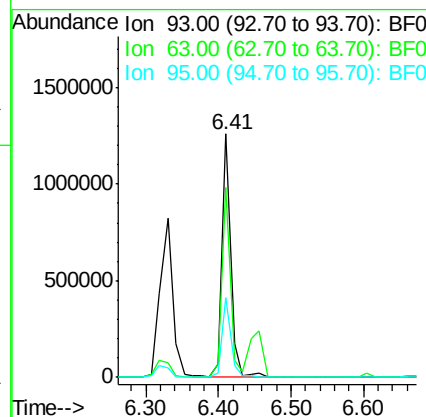
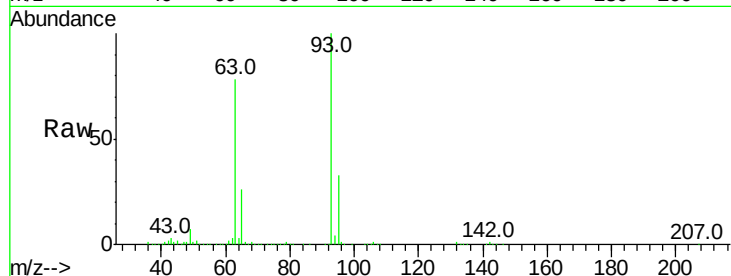
#11
bis(2-Chloroethyl)ether
Concen: 38.80 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion: 93 Resp: 1073305
Ion Ratio Lower Upper
93 100
63 77.8 55.8 95.8
95 32.8 13.0 53.0

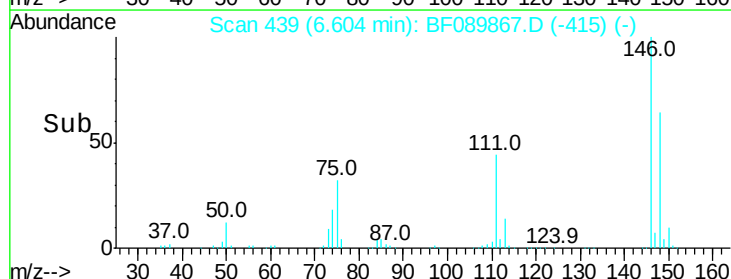
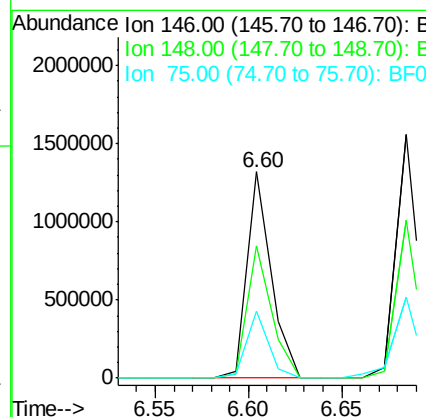
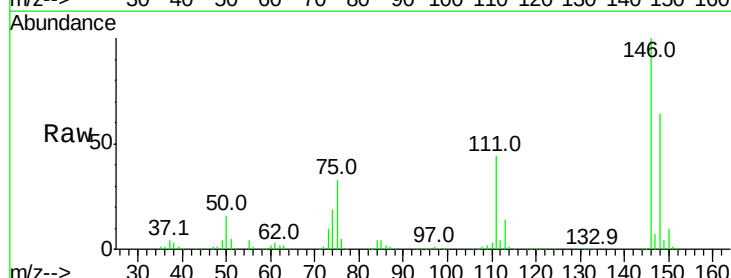
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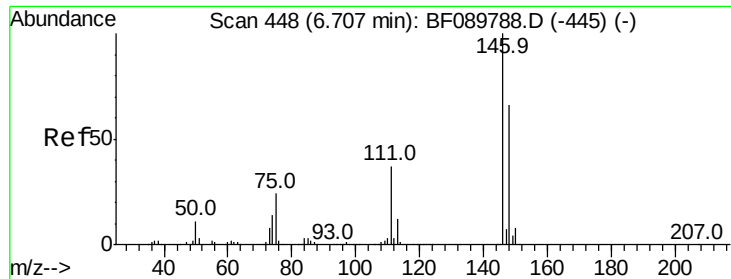
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#12
1,3-Dichlorobenzene
Concen: 38.33 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion: 146 Resp: 1188183
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 32.5 27.0 40.6





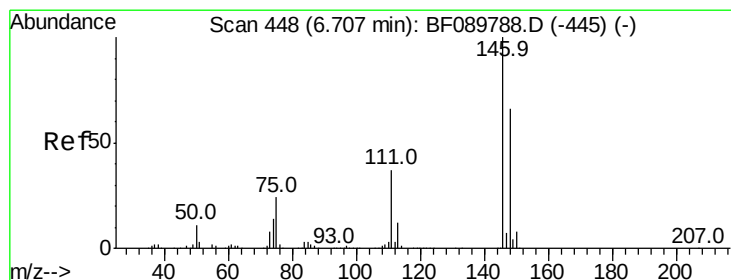
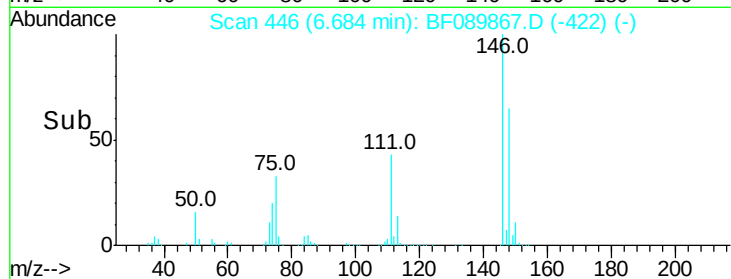
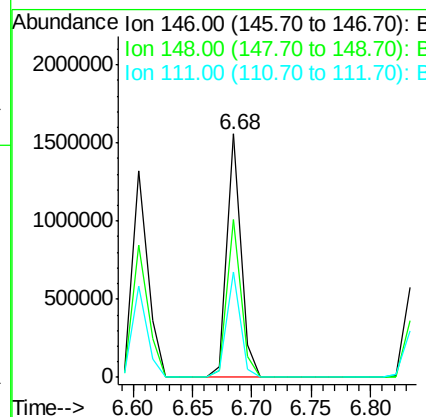
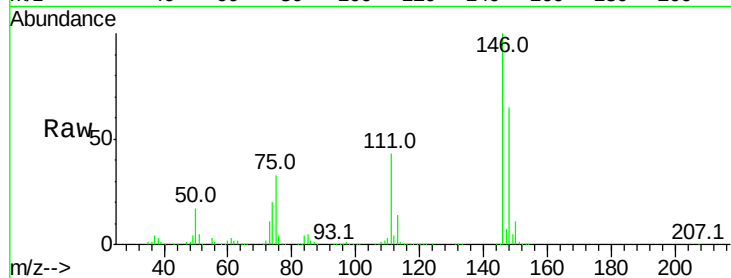
#13
 1,4-Dichlorobenzene
 Concen: 39.58 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	43.2	34.6	52.0

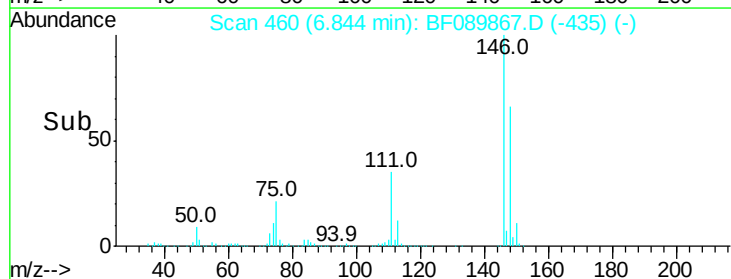
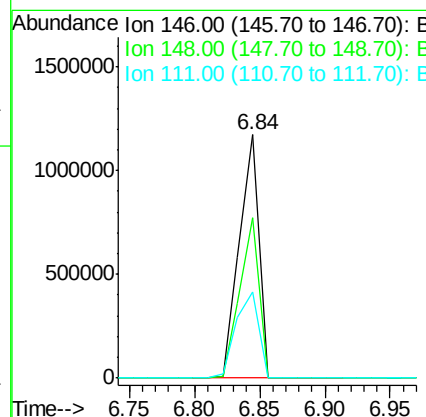
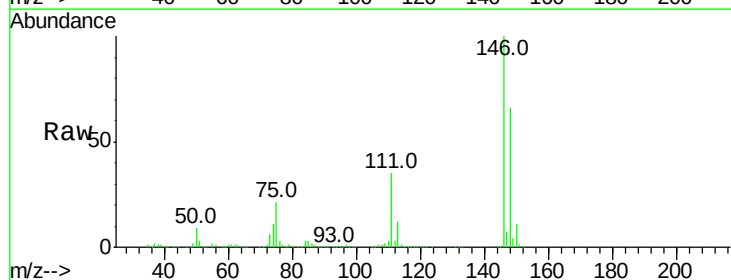
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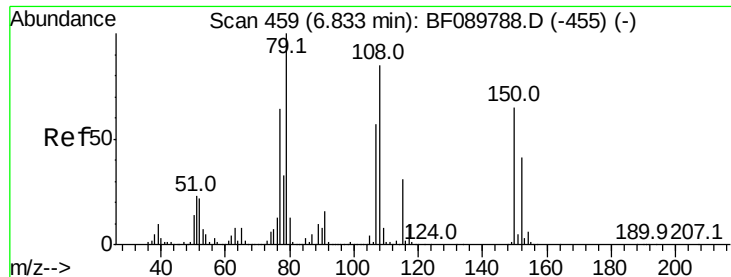
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#14
 1,2-Dichlorobenzene
 Concen: 40.74 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.2
111	35.3	29.8	44.6





#15

Benzyl Alcohol

Concen: 46.20 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampled :

PB93047BS

Tot Ion: 79 Resp: 932543

Ion Ratio Lower Upper

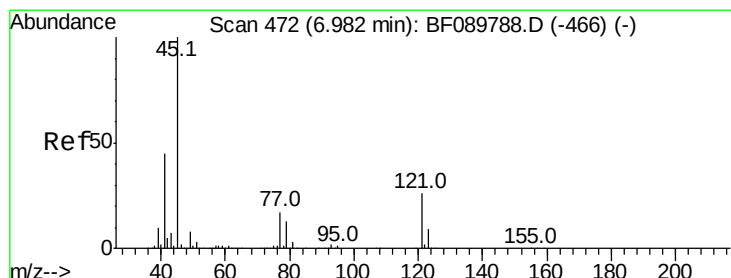
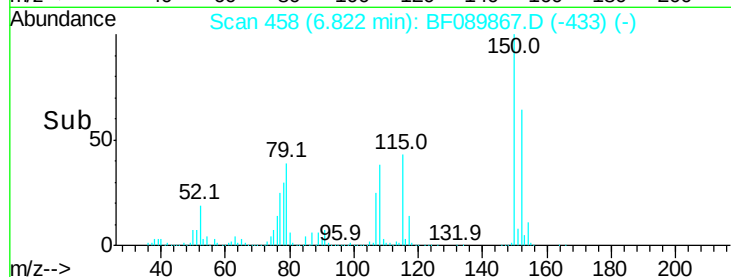
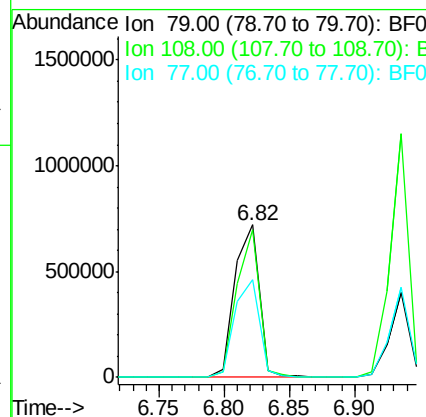
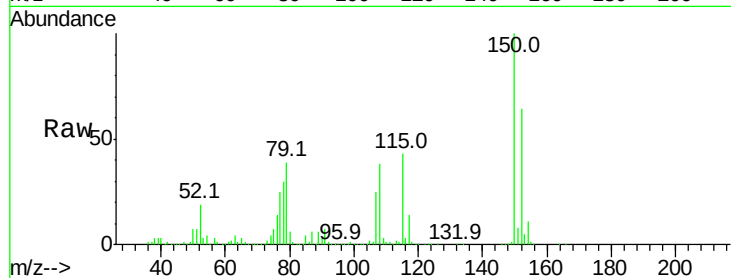
79 100

108 97.2 62.5 93.7#

77 64.4 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.71 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

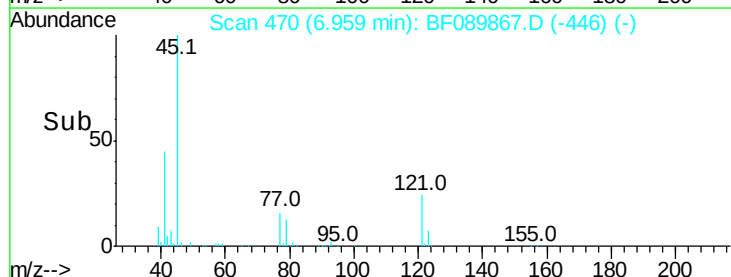
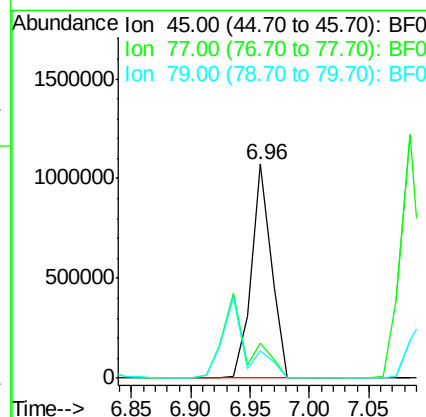
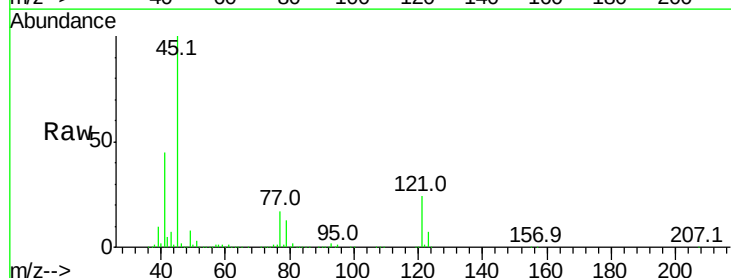
Tgt Ion: 45 Resp: 1264363

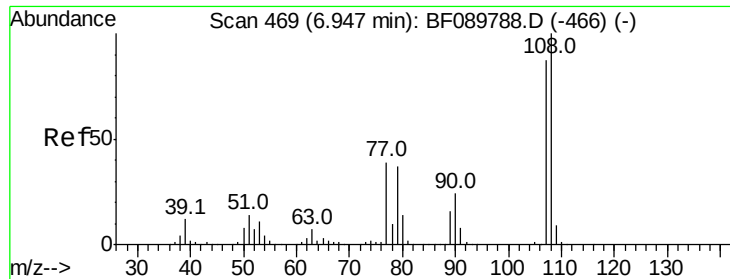
Ion Ratio Lower Upper

45 100

77 16.6 0.0 33.5

79 12.8 0.0 30.7





#17

2-Methylphenol

Concen: 42.70 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

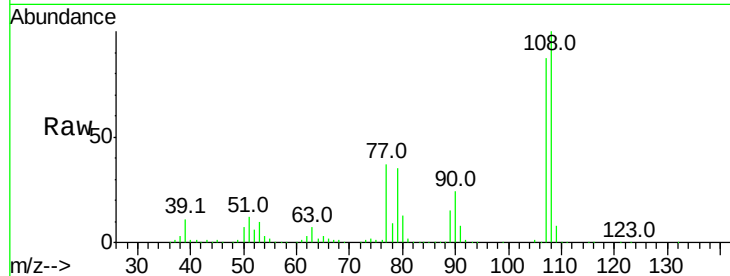
ClientSampleId :

PB93047BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	991792		
108	114.8	91.0	136.4	
77	42.4	37.4	56.0	
79	40.3	36.6	55.0	

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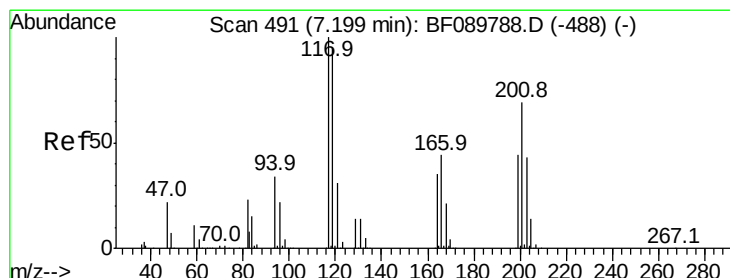
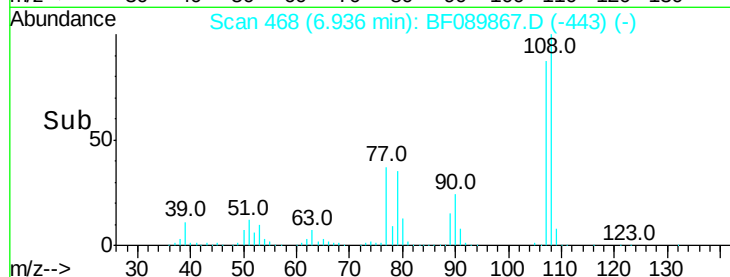
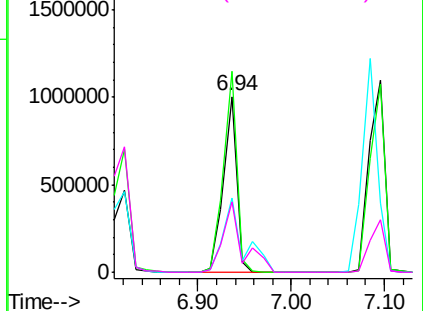


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.02 ng

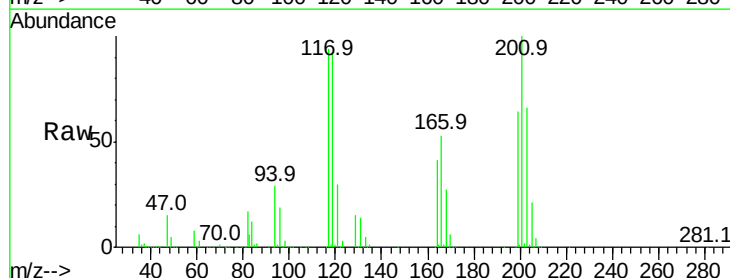
RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

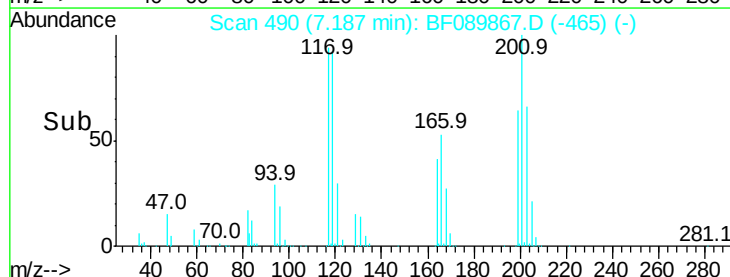
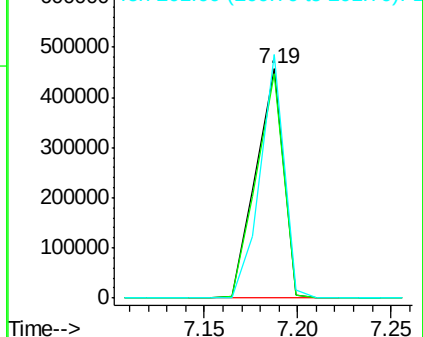
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	466187		
119	97.8	77.1	115.7	
201	106.3	76.9	115.3	

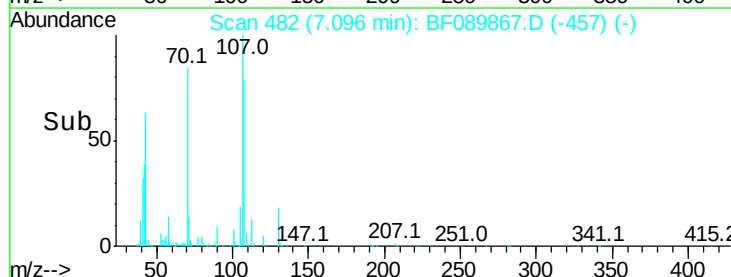
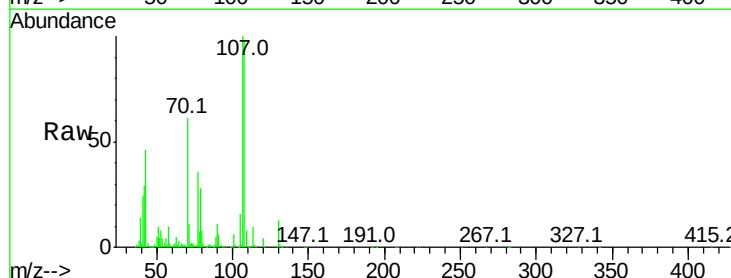
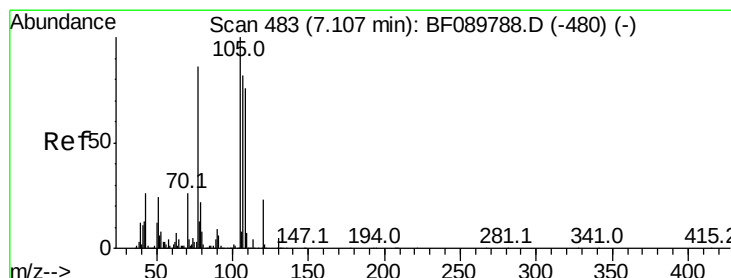
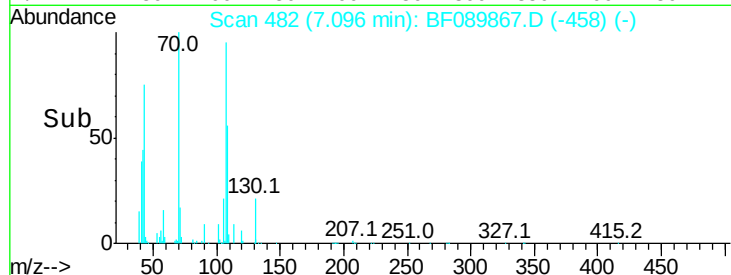
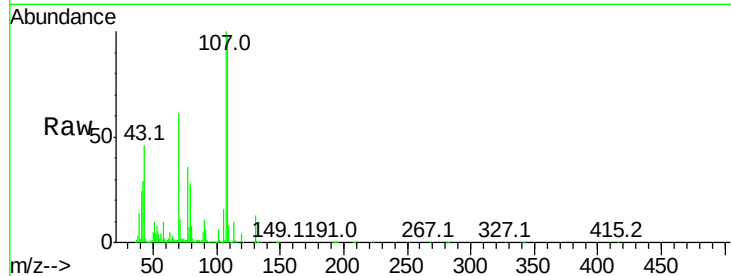
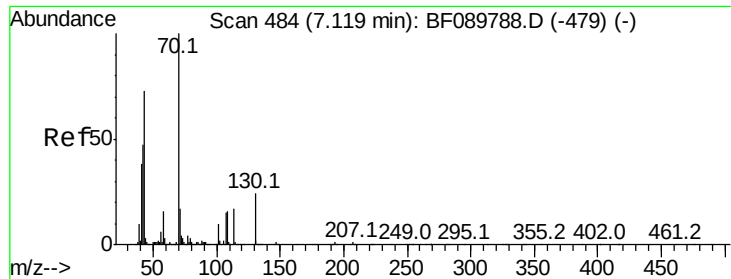


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.41 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089867.D

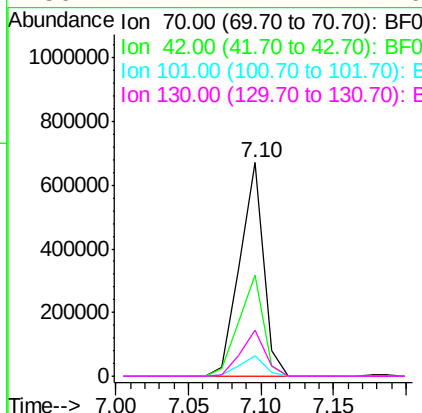
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.5	46.3	69.5
101	9.6	7.0	10.6
130	21.4	14.4	21.6

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#20

3+4-Methylphenols

Concen: 45.66 ng

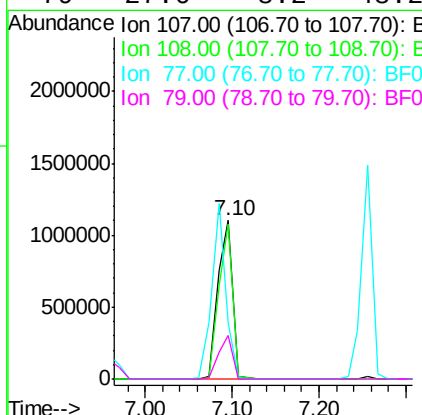
RT: 7.10 min Scan# 482

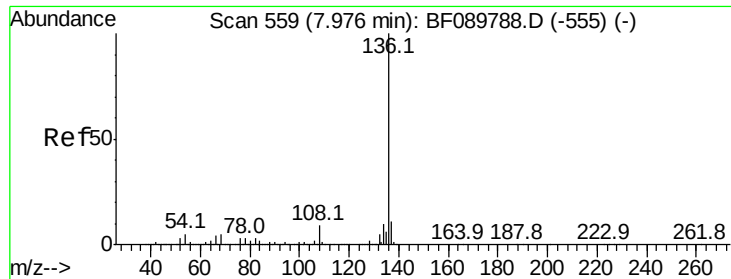
Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.8	68.2	108.2
77	35.7	122.3	162.3#
79	27.6	8.2	48.2





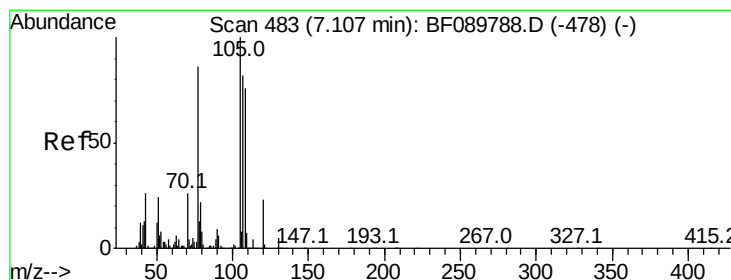
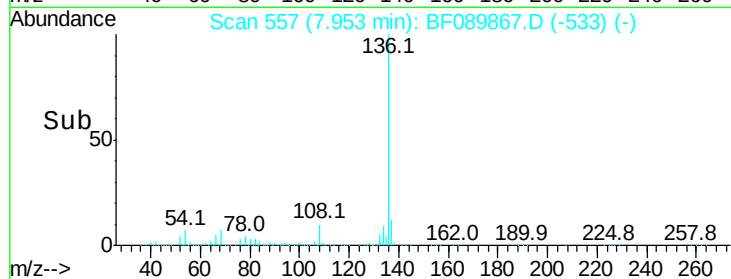
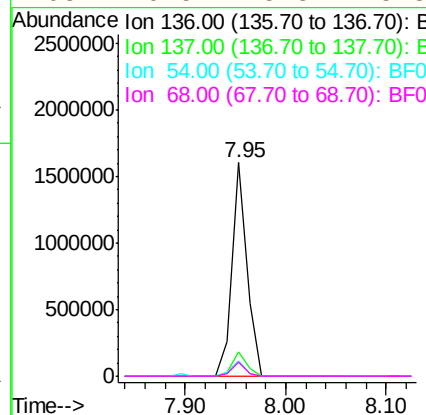
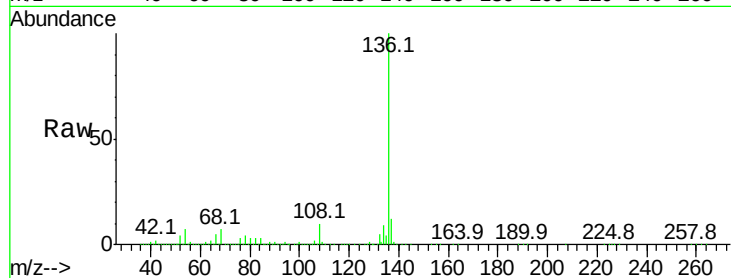
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1656530		
137	11.6		9.2	13.8
54	7.3		7.2	10.8
68	6.5		5.8	8.8

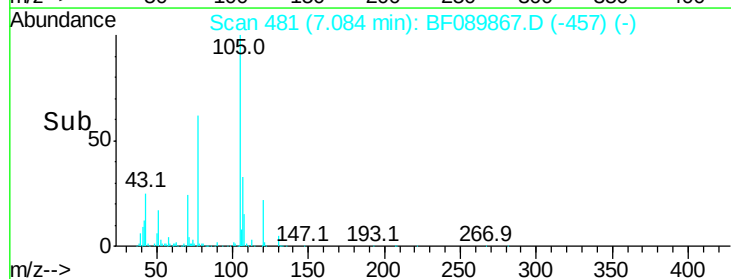
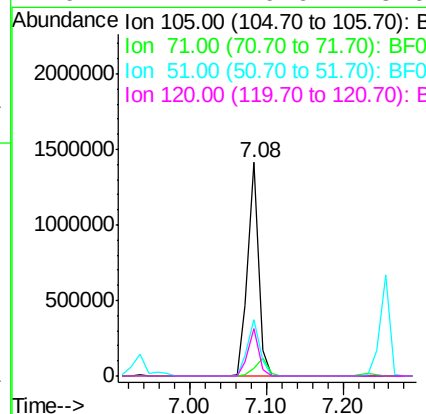
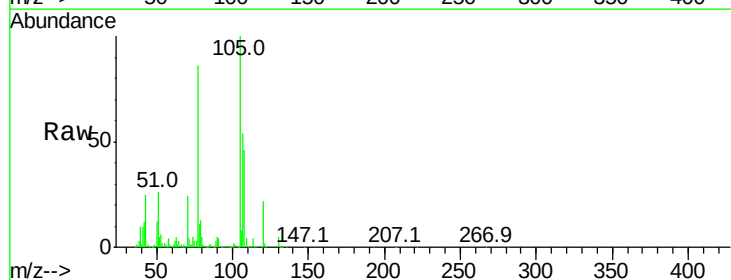
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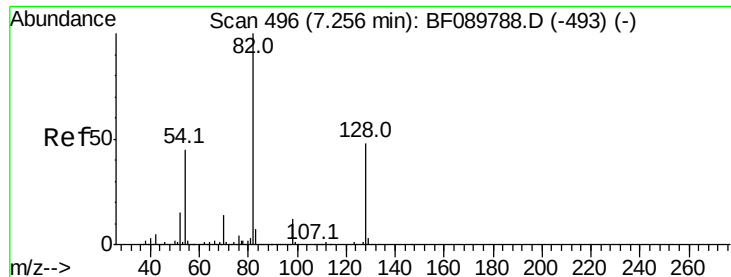
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#22
Acetophenone
Concen: 37.36 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1421108		
71	3.9		1.9	2.9#
51	26.4		28.5	42.7#
120	22.2		16.6	25.0





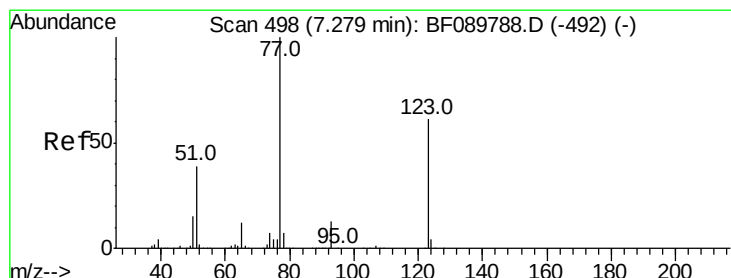
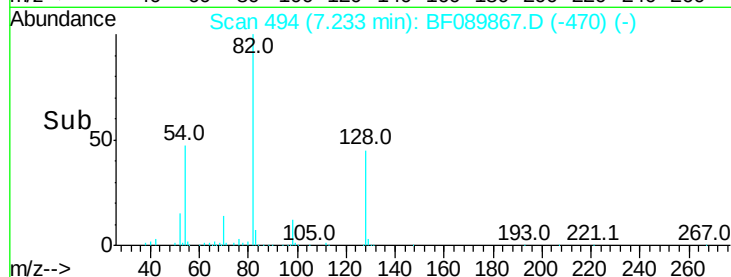
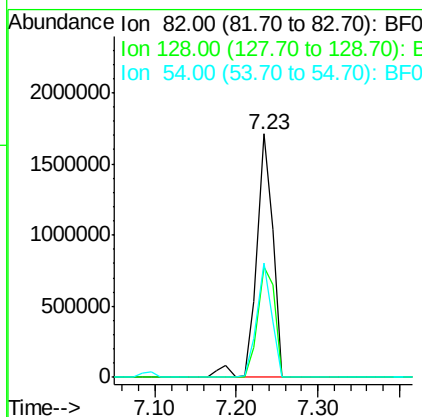
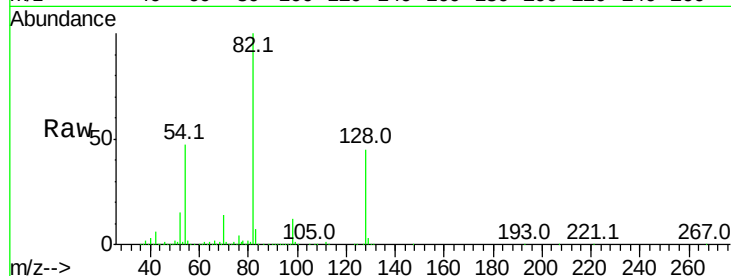
#23
 Nitrobenzene-d5
 Concen: 88.66 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.4	51.6
54	47.1	40.3	60.5

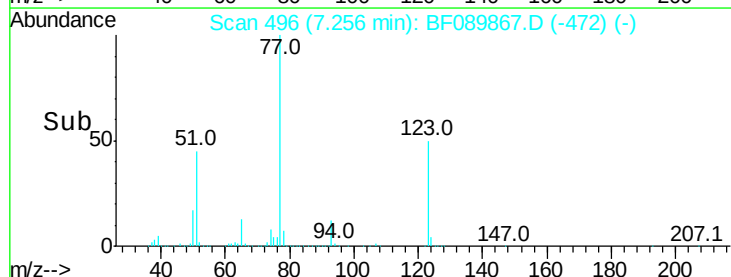
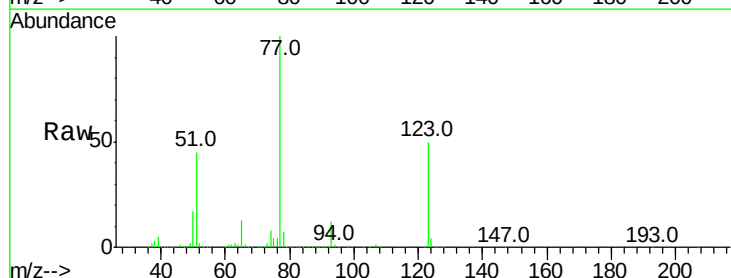
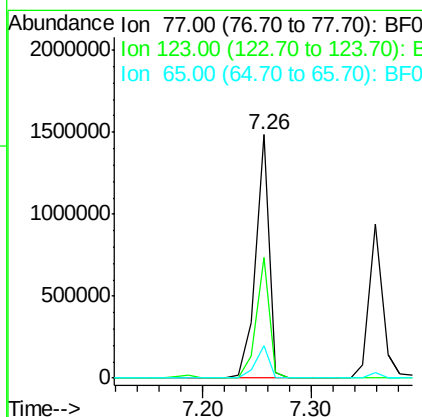
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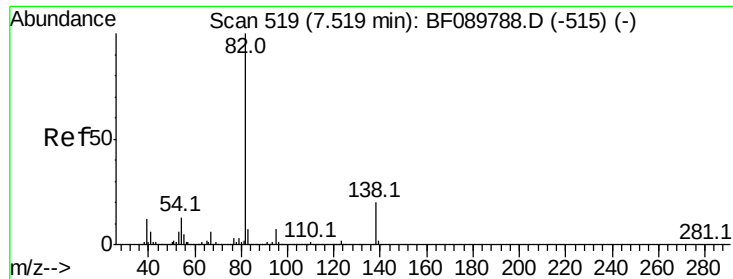
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#24
 Nitrobenzene
 Concen: 43.11 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	36.2	54.2
65	13.4	10.6	15.8





#25

Isophorone

Concen: 39.91 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion: 82 Resp: 2146174

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

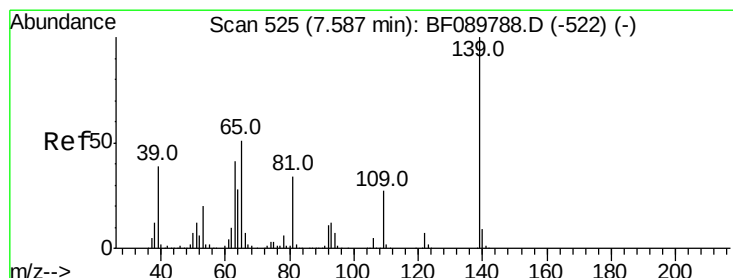
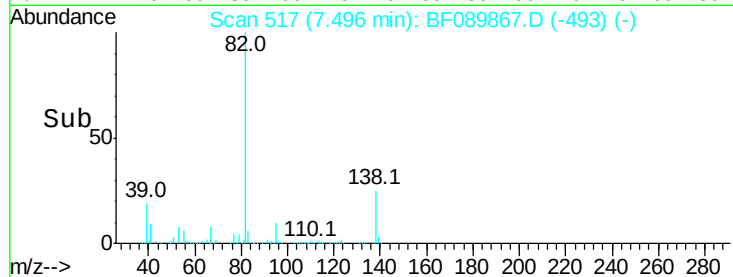
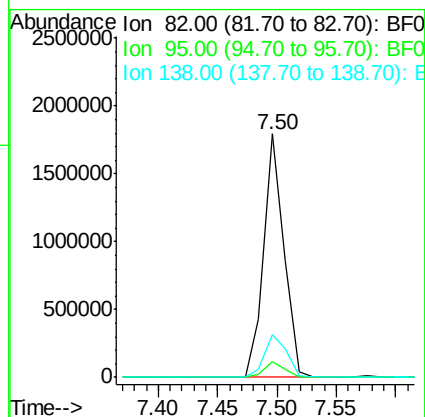
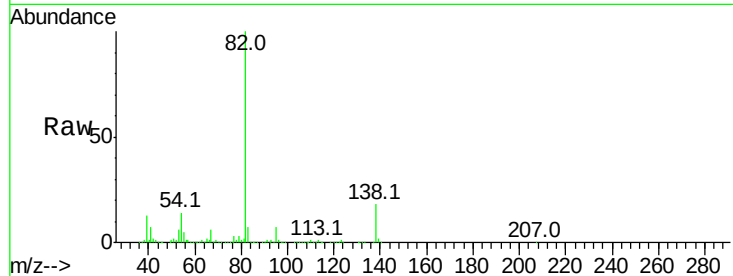
138 17.6 13.0 19.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.05 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

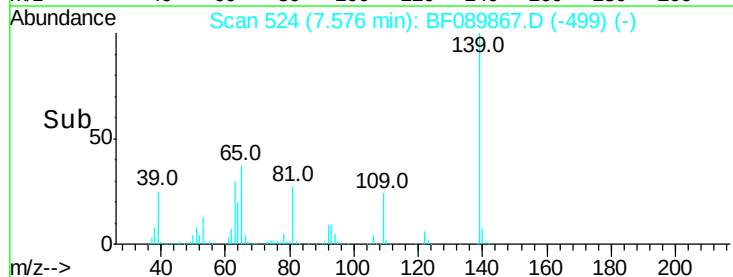
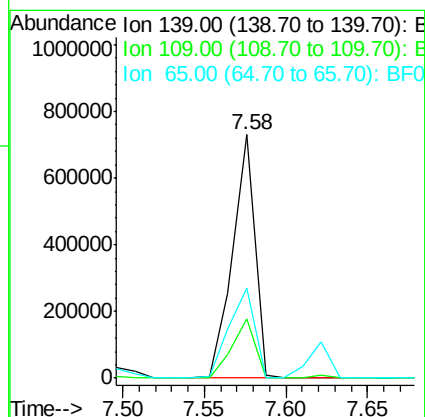
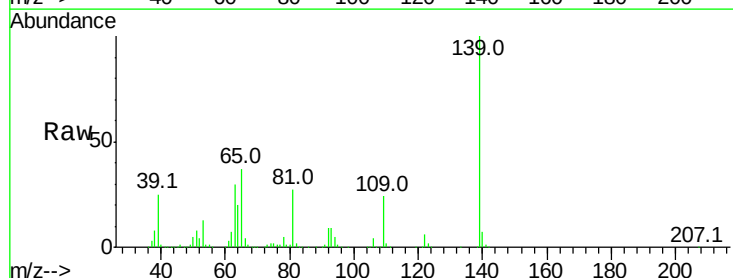
Tgt Ion: 139 Resp: 687281

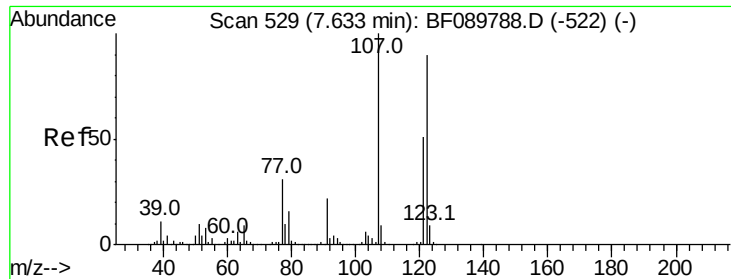
Ion Ratio Lower Upper

139 100

109 24.2 19.5 29.3

65 37.1 26.5 39.7





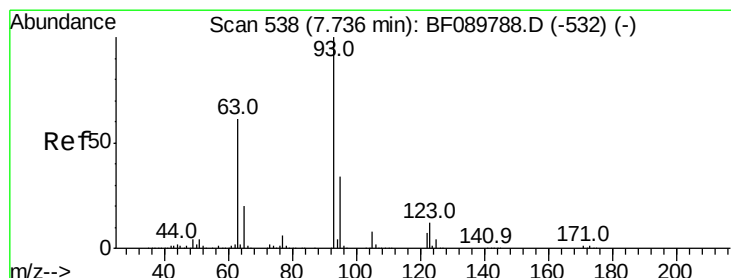
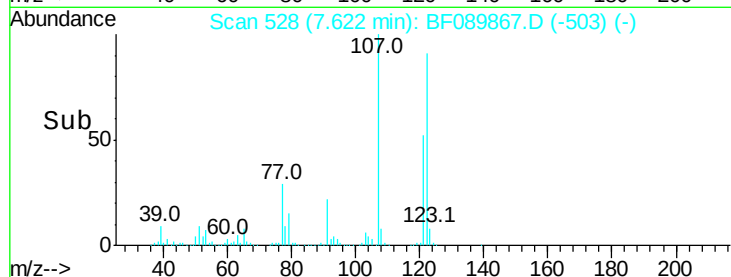
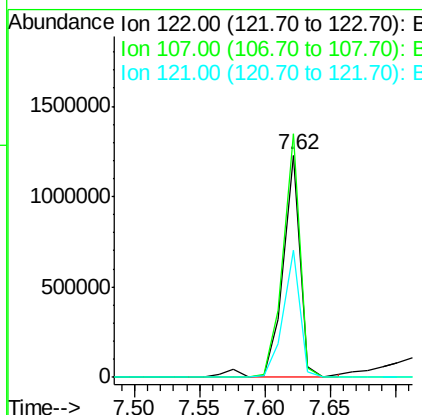
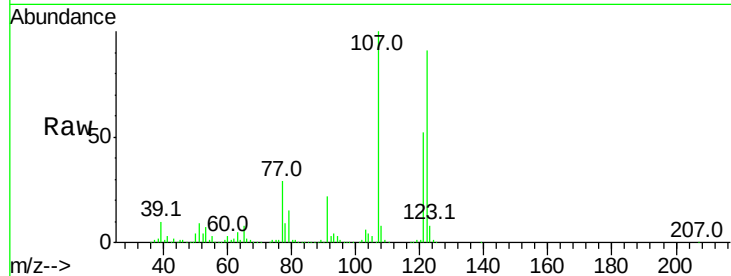
#27
2,4-Dimethylphenol
Concen: 43.41 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion:122 Resp: 1167686
Ion Ratio Lower Upper
122 100
107 109.6 84.8 127.2
121 57.2 47.0 70.6

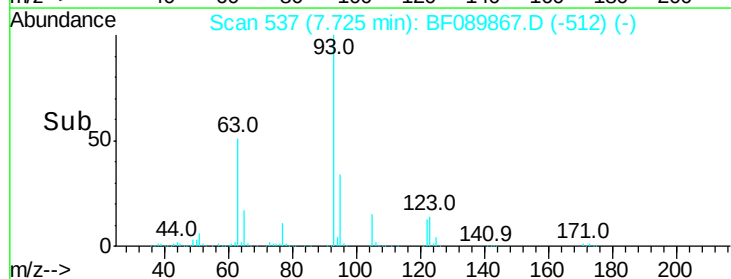
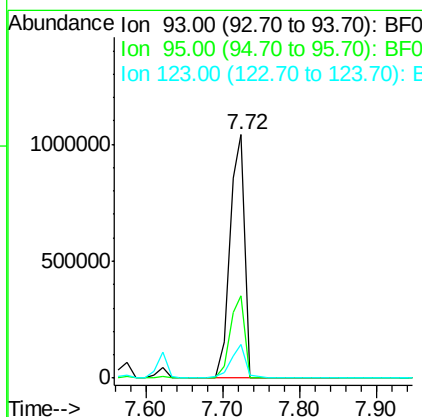
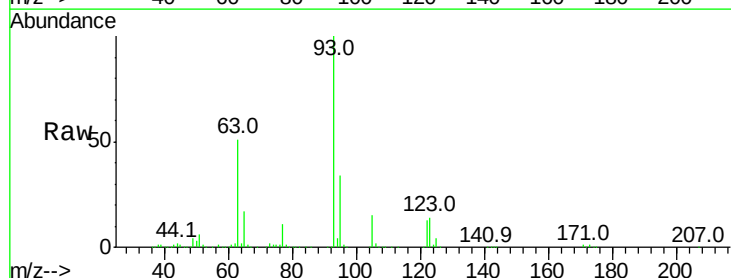
Manual Integrations
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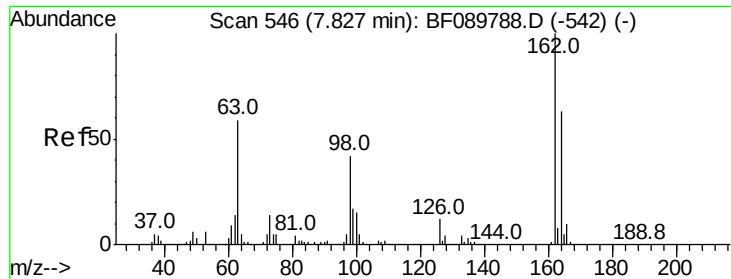
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#28
bis(2-Chloroethoxy)methane
Concen: 42.61 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion: 93 Resp: 1417884
Ion Ratio Lower Upper
93 100
95 34.0 25.5 38.3
123 14.1 8.5 12.7#





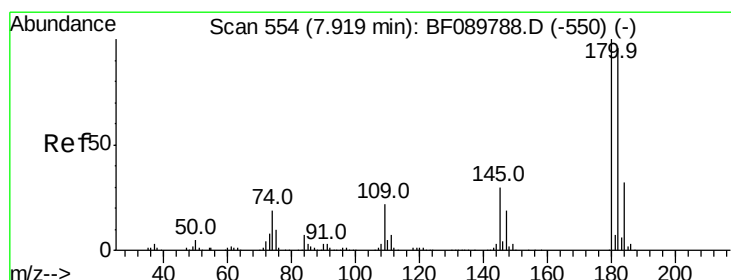
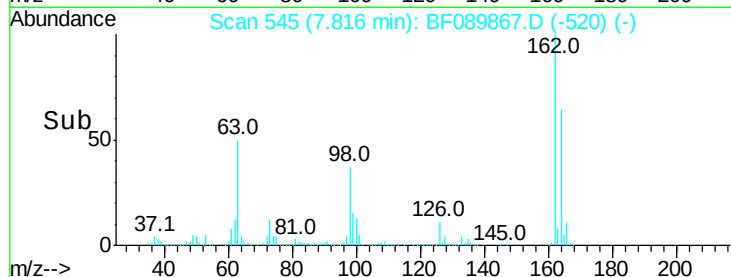
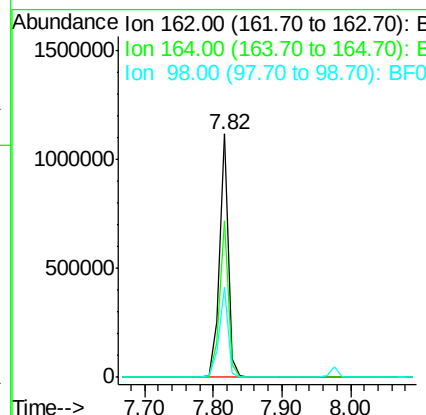
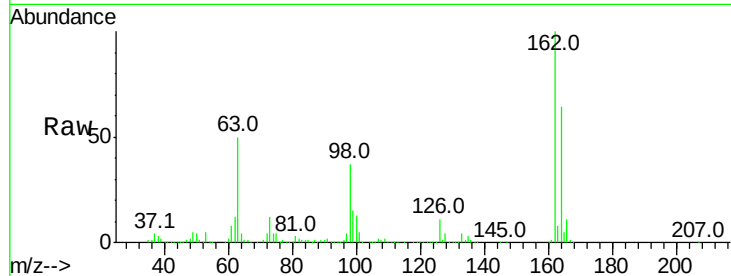
#29
2,4-Dichlorophenol
Concen: 45.10 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.5	85.5
98	37.0	12.4	52.4

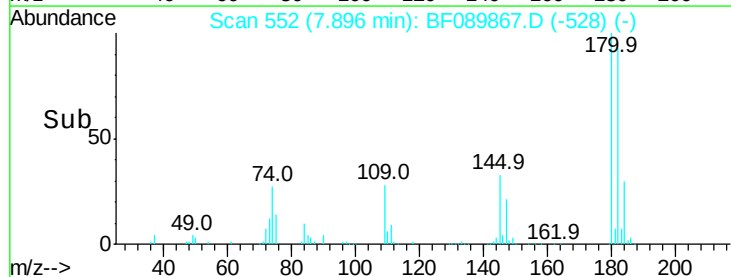
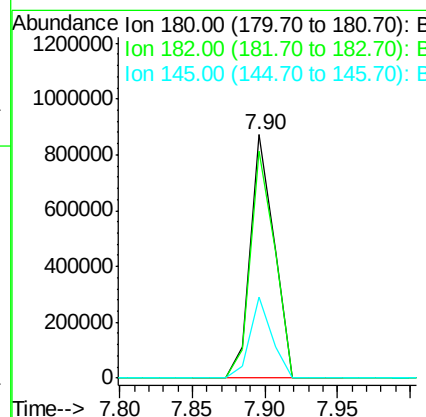
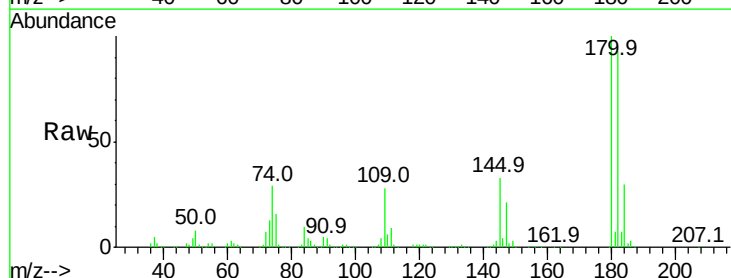
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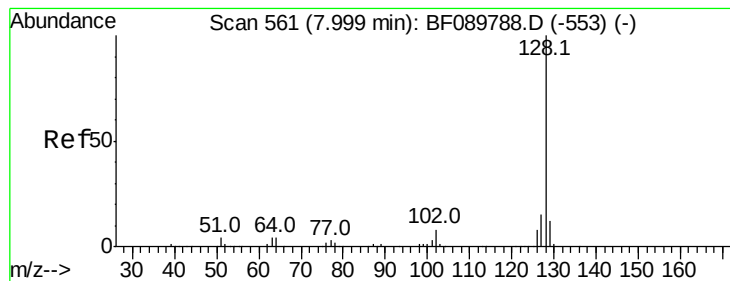
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#30
1,2,4-Trichlorobenzene
Concen: 39.56 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.5	113.3
145	33.1	28.7	43.1





#31

Naphthalene

Concen: 40.58 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:128 Resp: 3141666

Ion Ratio Lower Upper

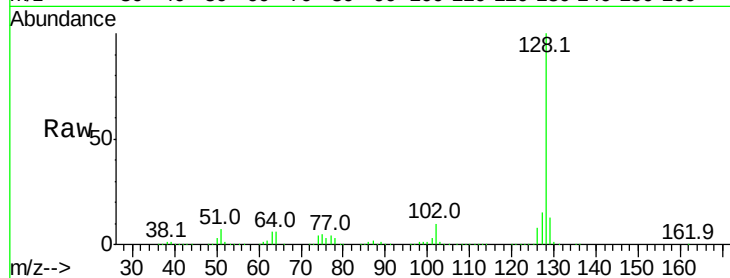
128 100

129 12.5 9.5 14.3

127 14.5 11.3 16.9

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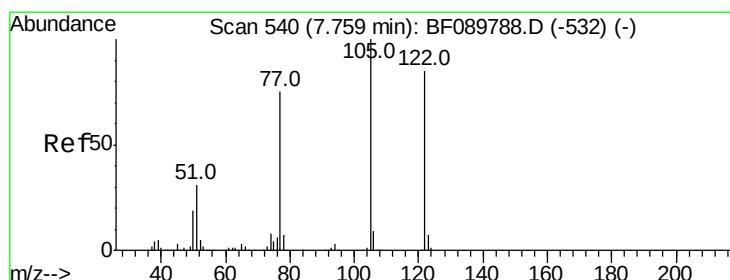
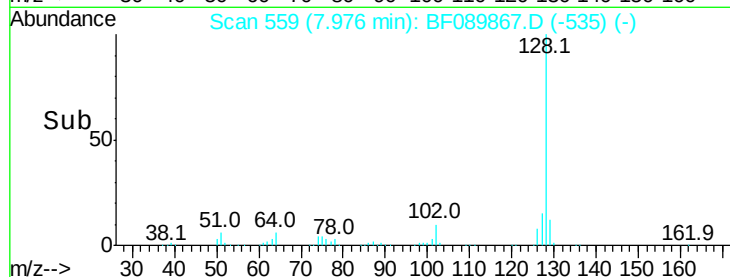
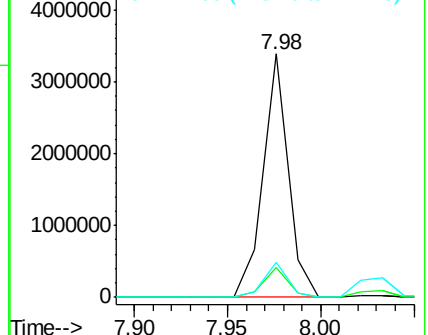
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.45 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

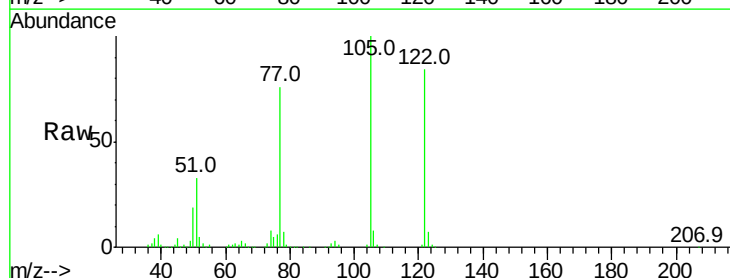
Tgt Ion:122 Resp: 512554

Ion Ratio Lower Upper

122 100

105 119.2 100.8 140.8

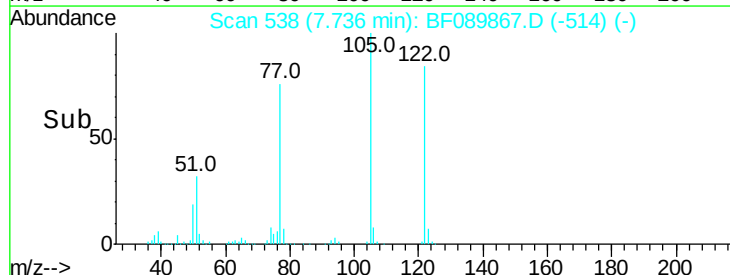
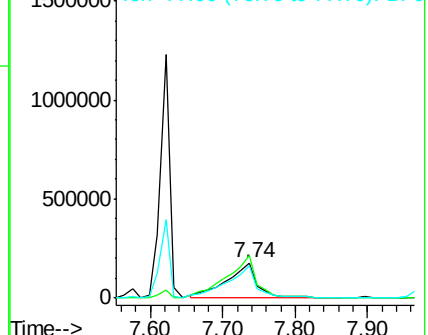
77 91.1 72.1 112.1

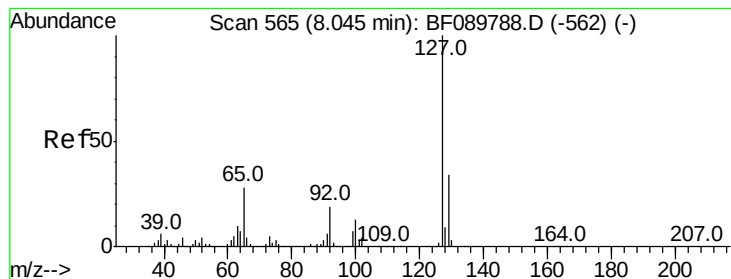


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





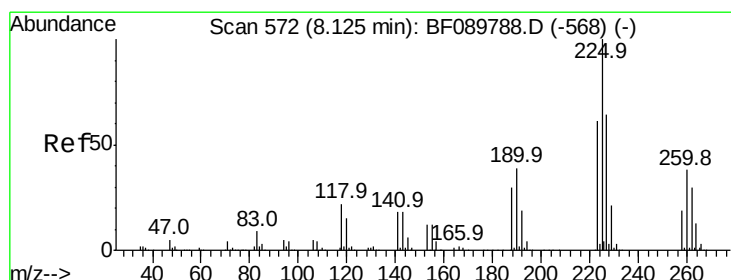
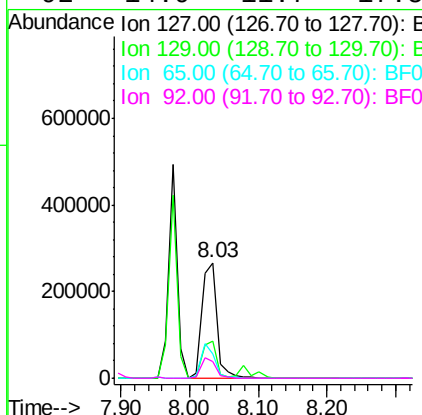
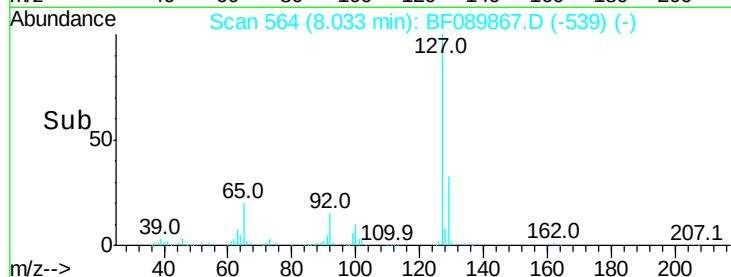
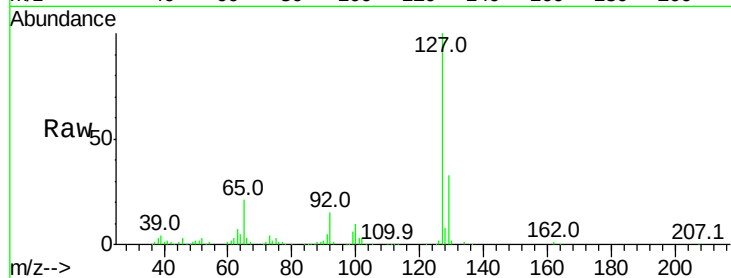
#33
4-Chloroaniline
Concen: 11.93 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	27.0	40.6	
65	20.7	14.7	22.1	
92	14.9	11.7	17.5	

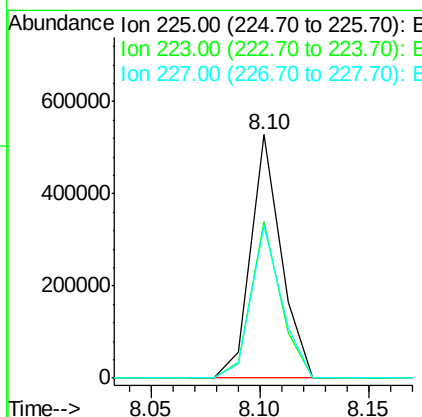
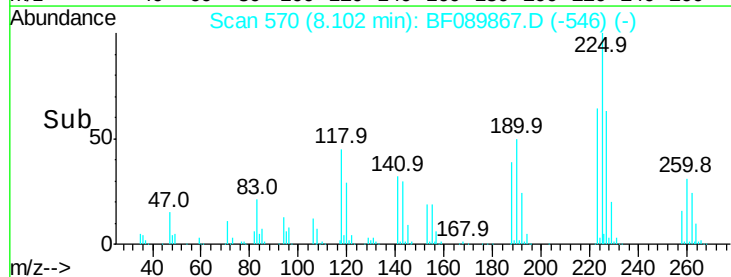
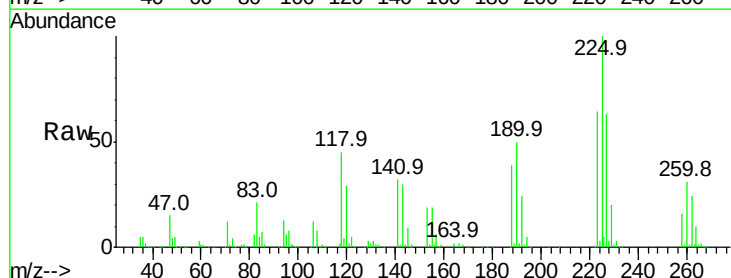
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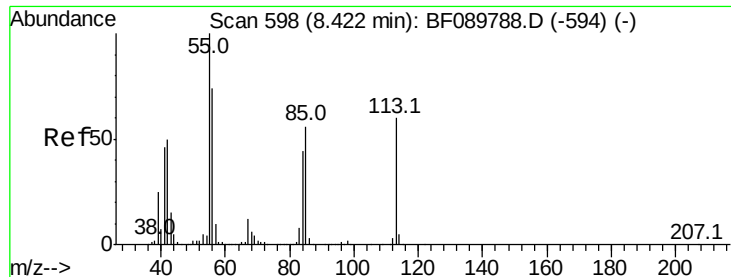
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#34
Hexachlorobutadiene
Concen: 39.23 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	51.0	76.6	
227	62.9	49.8	74.6	





#35

Caprolactam

Concen: 47.66 ng/ml

RT: 8.40 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

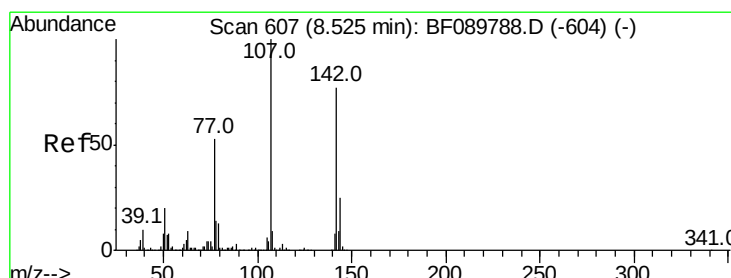
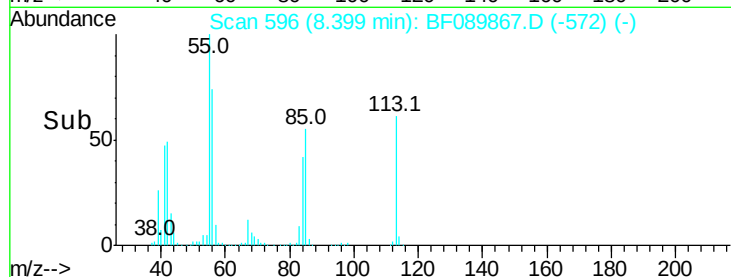
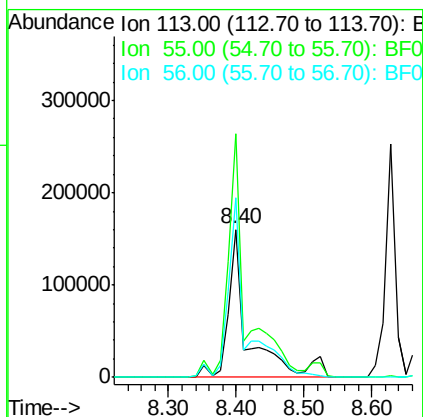
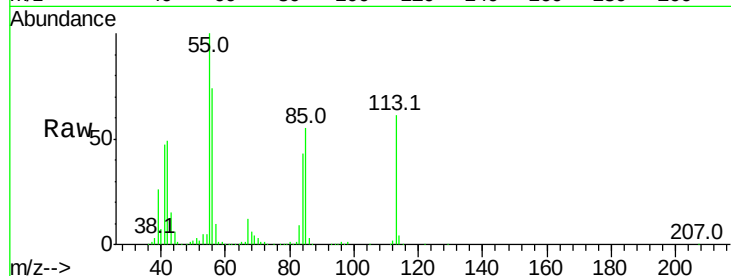
ClientSampleId :

PB93047BS

Tot Ion:	113	Resp:	327619
Ion Ratio	Lower	Upper	
113	100		
55	164.9	135.9	175.9
56	121.8	93.9	133.9

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#36

4-Chloro-3-methylphenol

Concen: 44.85 ng/ml

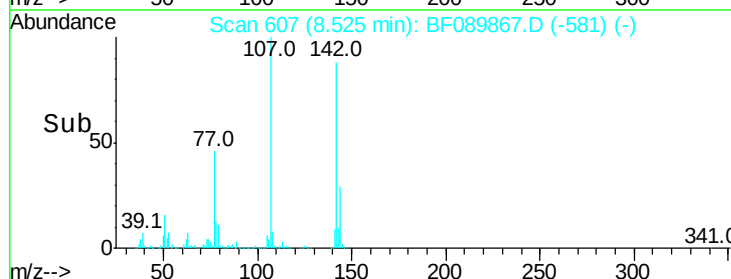
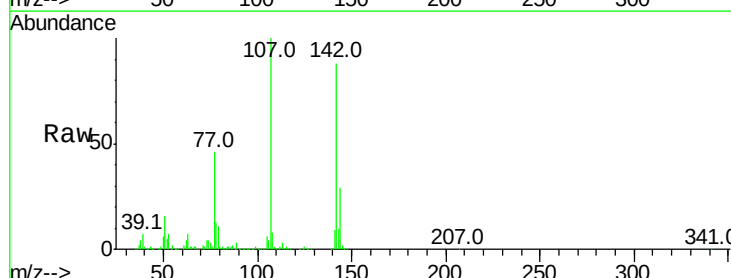
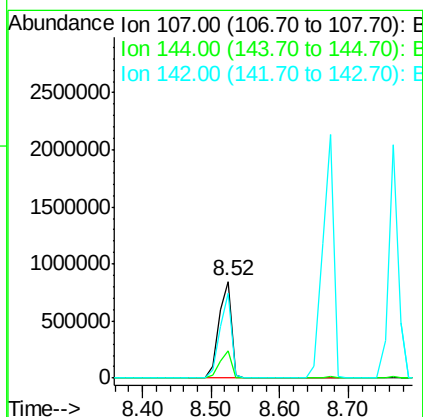
RT: 8.52 min Scan# 607

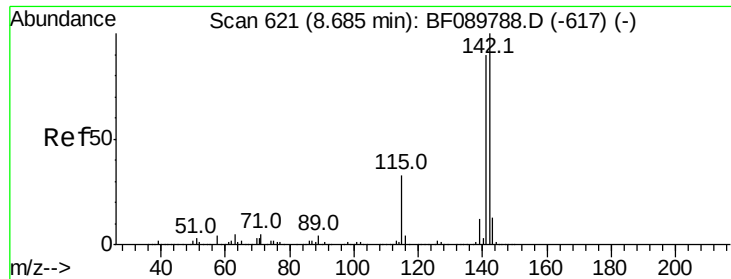
Delta R.T. -0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion:	107	Resp:	1096431
Ion Ratio	Lower	Upper	
107	100		
144	28.7	22.6	34.0
142	88.0	69.3	103.9





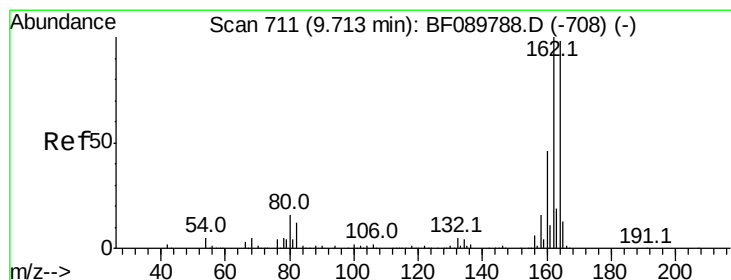
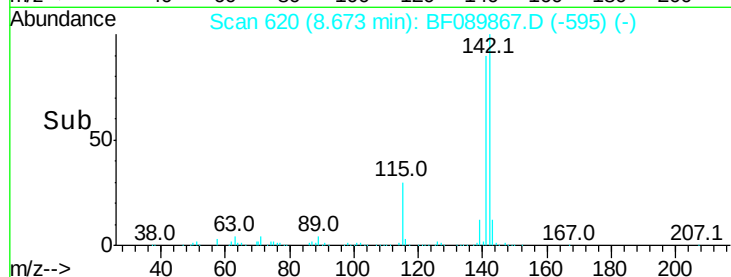
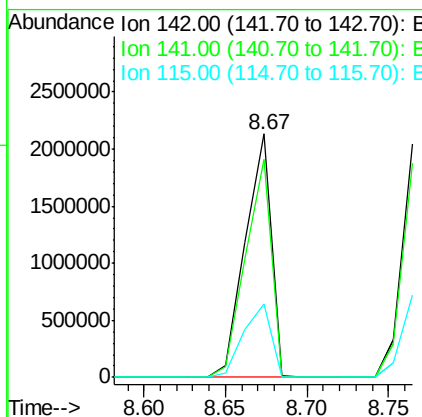
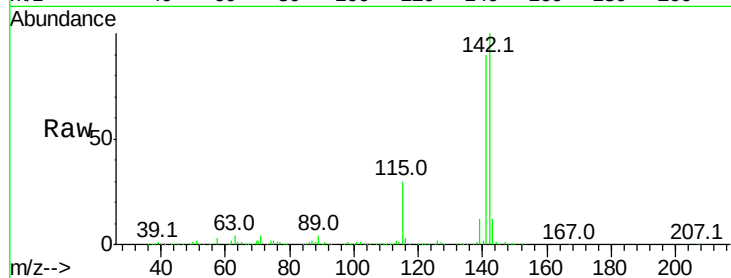
#37
2-Methylnaphthalene
Concen: 46.87 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion:142 Resp: 2347718
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2
115 29.9 22.7 34.1

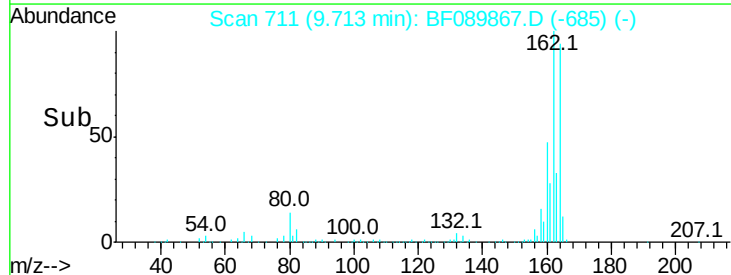
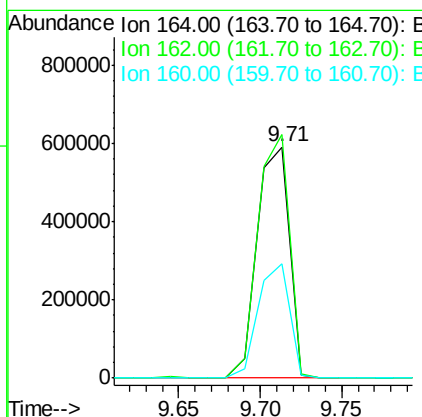
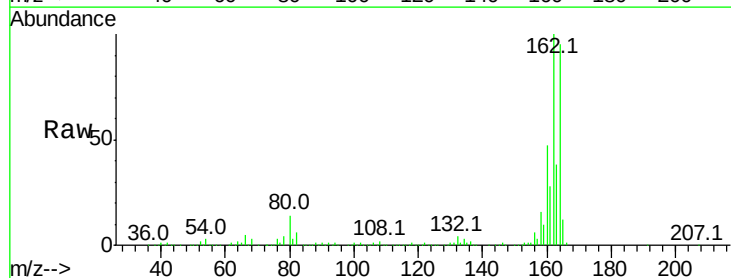
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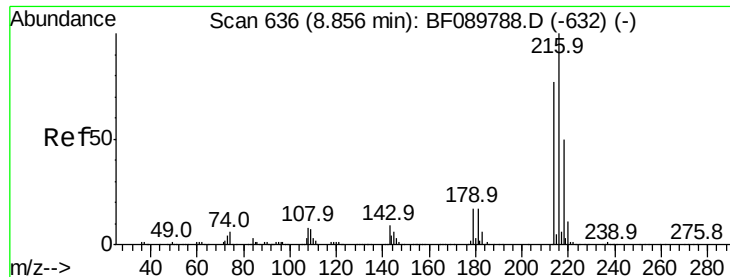
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:164 Resp: 812472
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.2
160 49.5 37.8 56.6





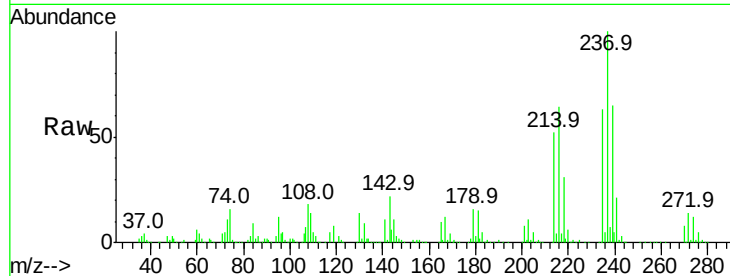
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.36 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampled :
 PB93047BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	746150		
214	79.0	63.5	95.3	
179	21.9	19.9	29.9	
108	22.9	19.9	29.9	

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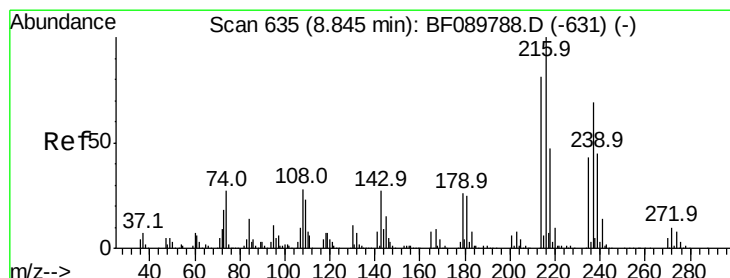
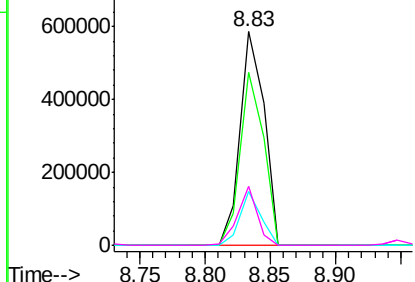
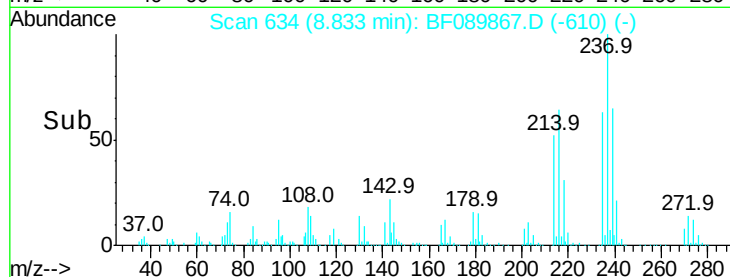


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

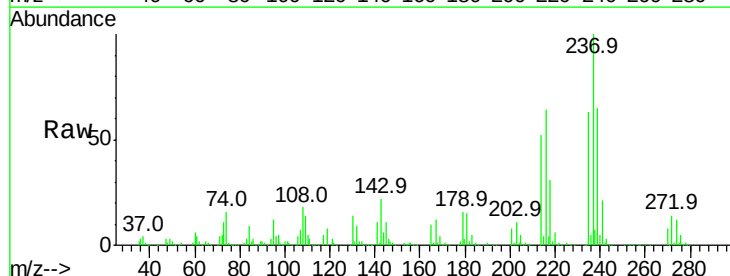
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 104.65 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

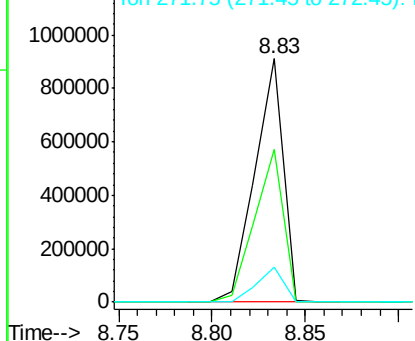
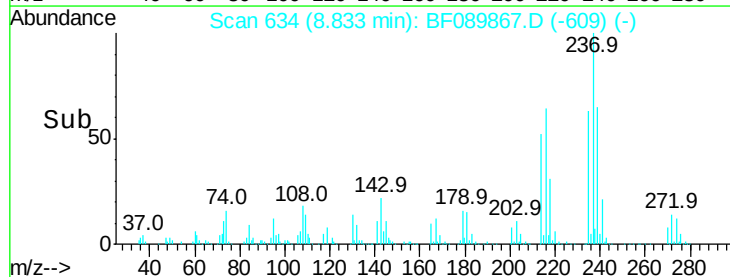
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	955879		
235	62.9	43.7	83.7	
272	14.5	0.0	31.6	

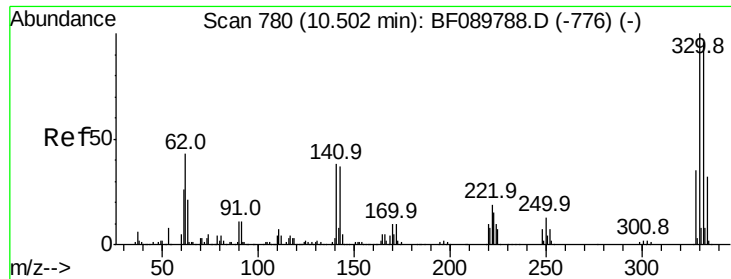


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





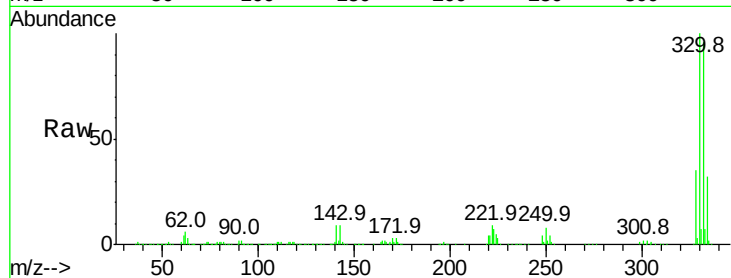
#41
 2,4,6-Tribromophenol
 Concen: 132.68 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampled :
 PB93047BS

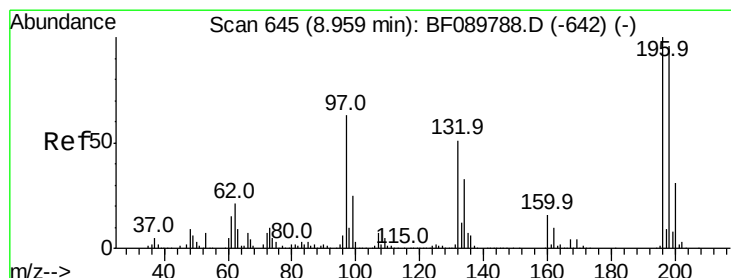
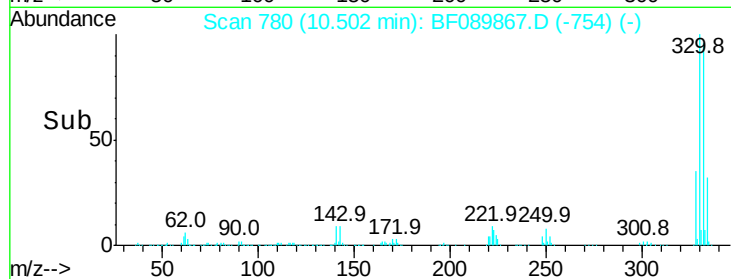
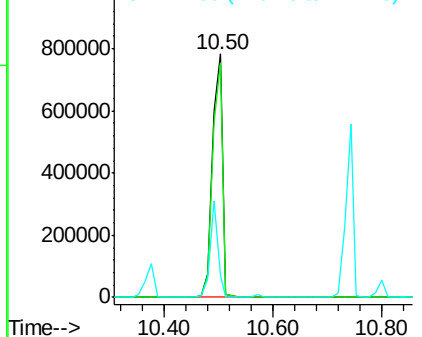
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.7	115.1
141	30.6	30.2	45.2

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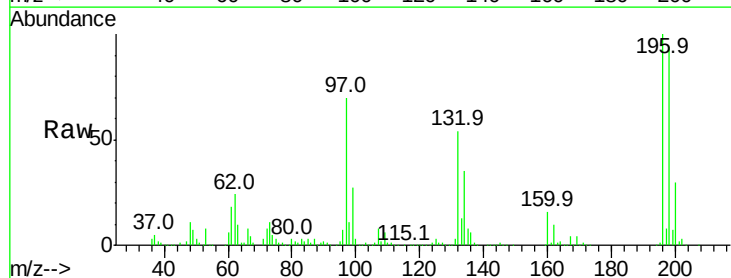


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

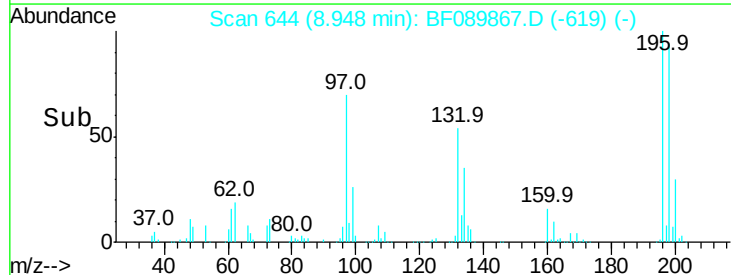
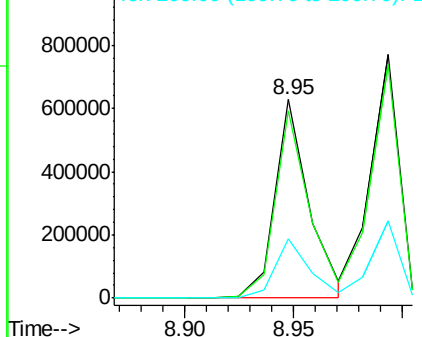


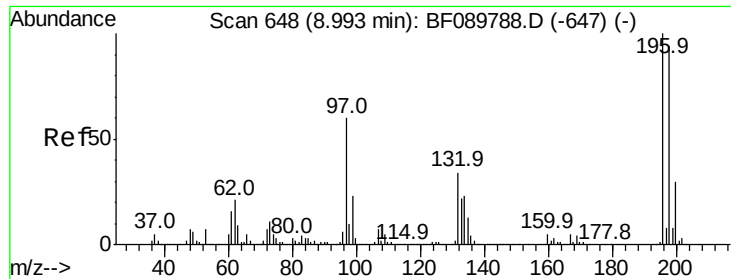
#42
 2,4,6-Trichlorophenol
 Concen: 41.62 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.3	114.5
200	29.6	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





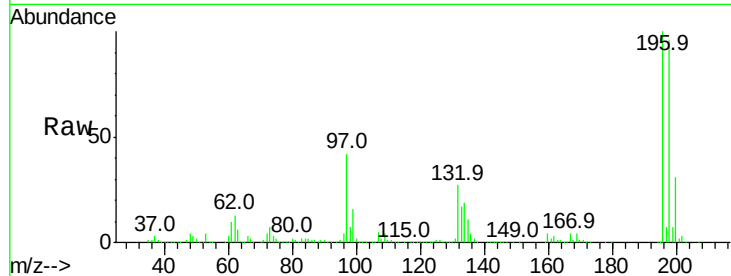
#43
 2,4,5-Trichlorophenol
 Concen: 42.98 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

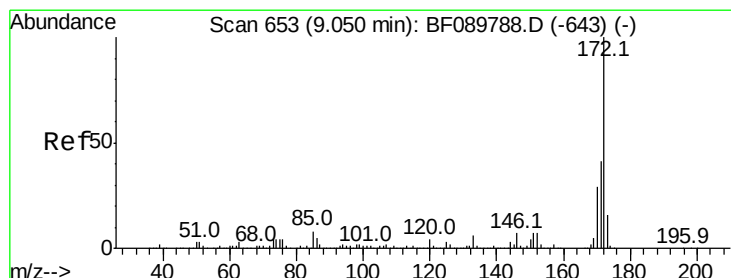
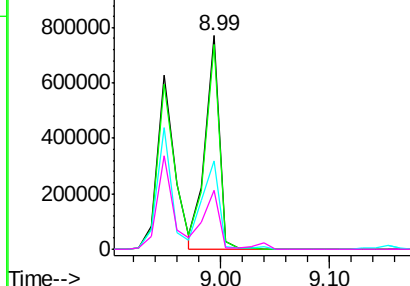
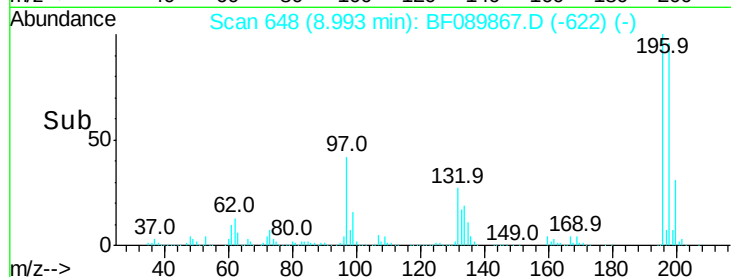
Tot Ion	Ratio	Resp	Lower	Upper
196	100	707526		
198	95.9		76.6	114.8
97	41.5		35.8	53.8
132	27.5		23.5	35.3

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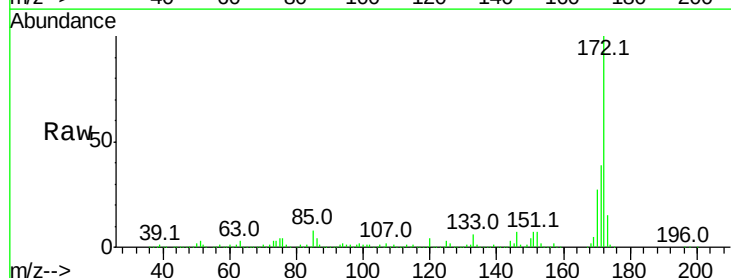


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

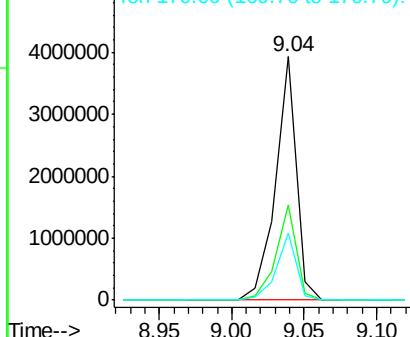
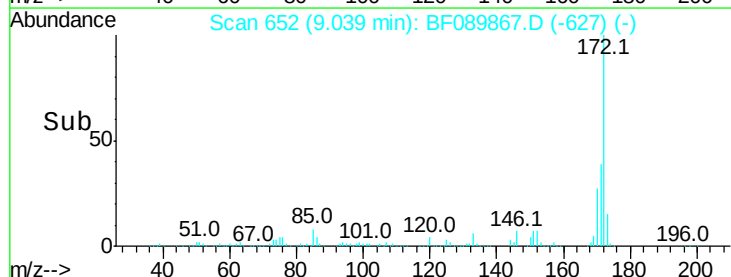


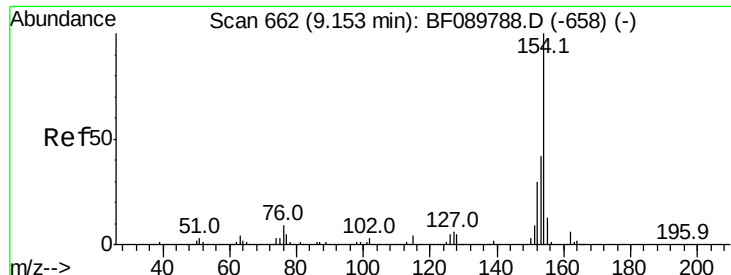
#44
 2-Fluorobiphenyl
 Concen: 84.57 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3909585		
171	38.9		30.5	45.7
170	27.3		20.6	31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.42 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:154 Resp: 2352476

Ion Ratio Lower Upper

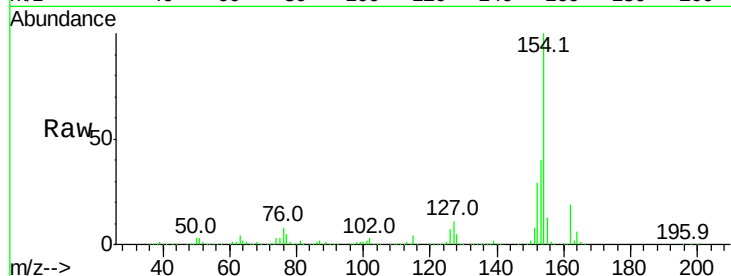
154 100

153 40.3 21.5 61.5

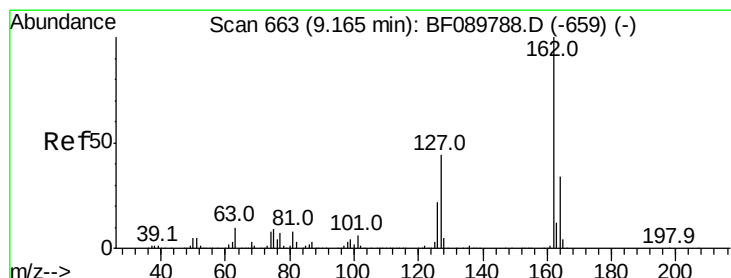
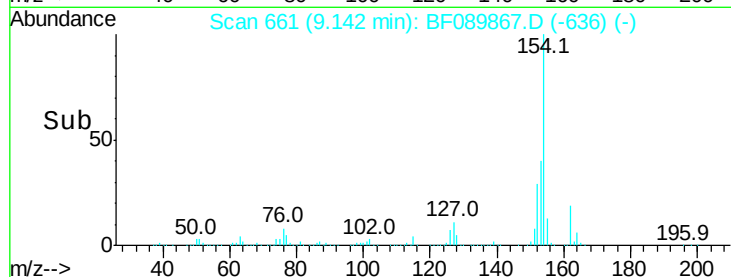
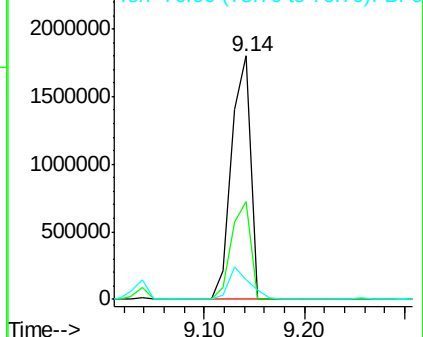
76 8.3 0.0 36.7

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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): E



#46

2-Chloronaphthalene

Concen: 39.08 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

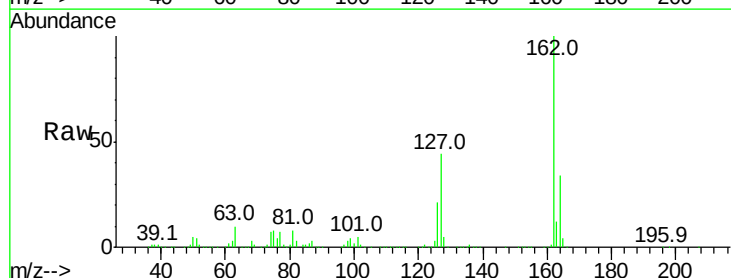
Tgt Ion:162 Resp: 1942104

Ion Ratio Lower Upper

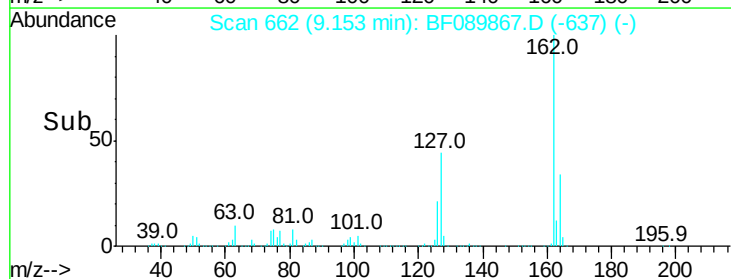
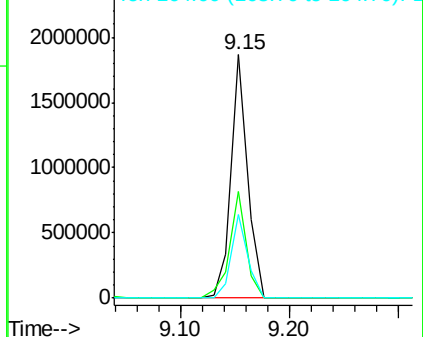
162 100

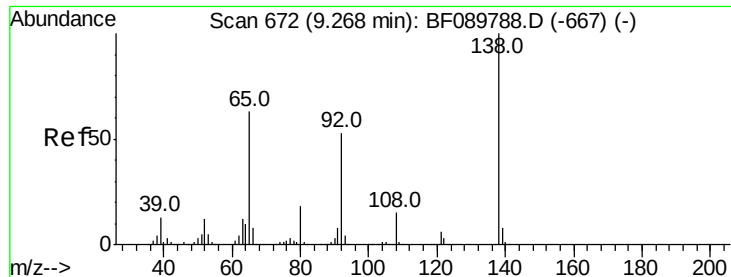
127 43.7 35.5 53.3

164 34.4 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: 49.11 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

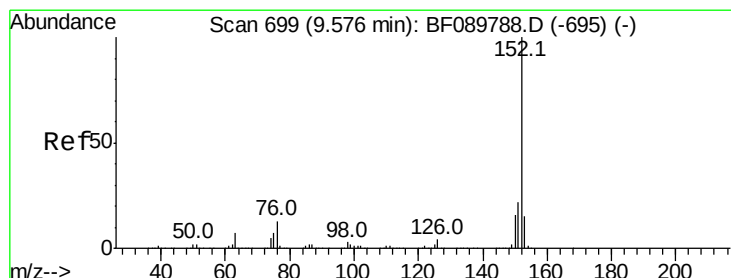
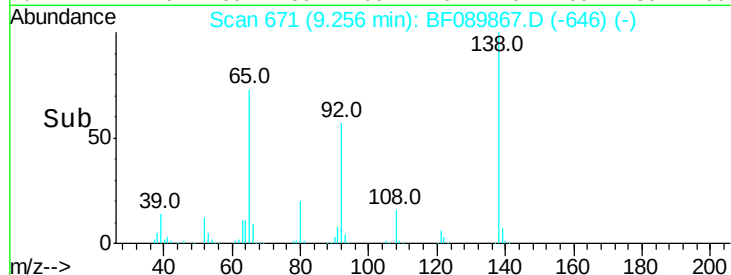
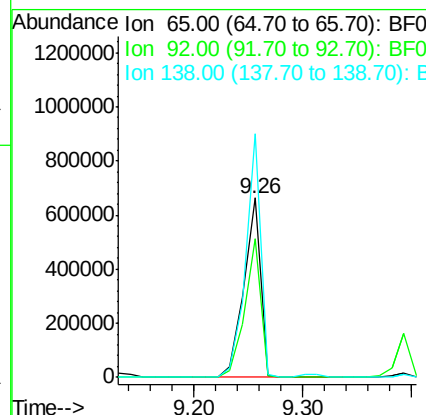
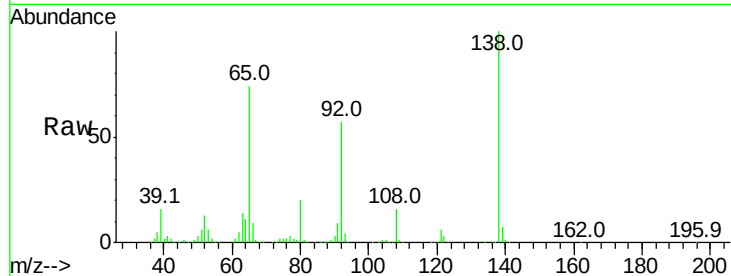
ClientSampleId :

PB93047BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.2	56.3	84.5
138	135.8	81.8	122.8

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#48

Acenaphthylene

Concen: 41.30 ng

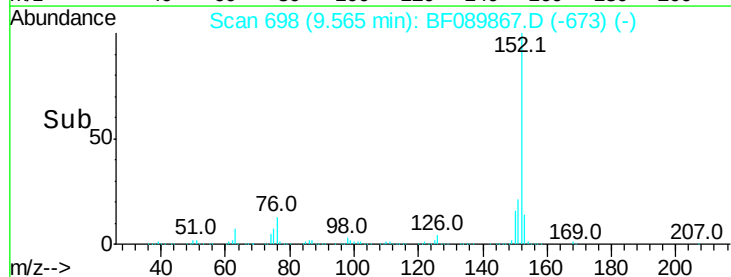
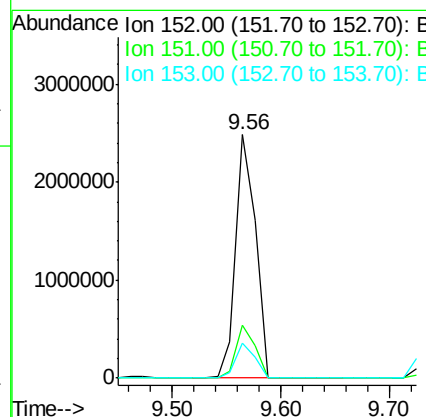
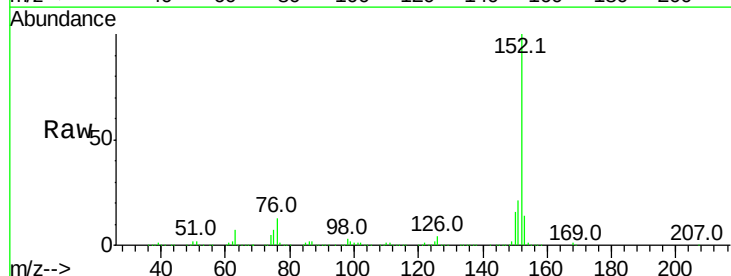
RT: 9.56 min Scan# 698

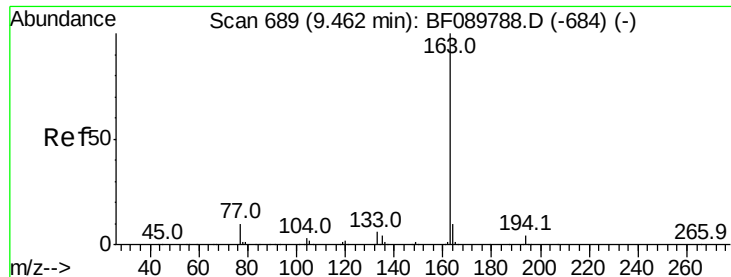
Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7
153	14.4	11.2	16.8





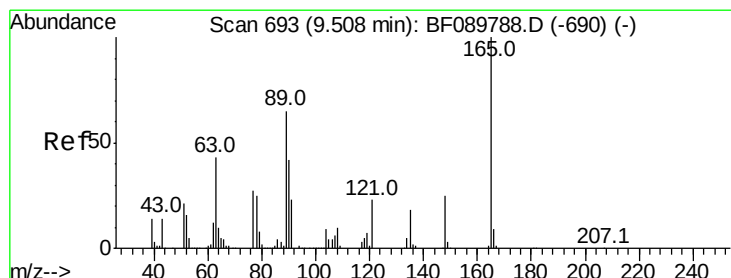
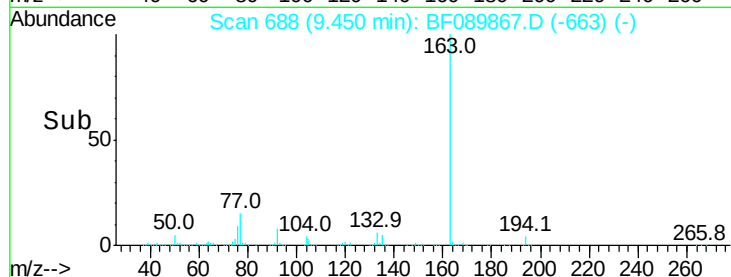
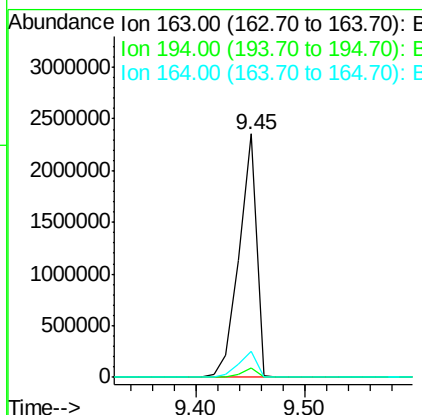
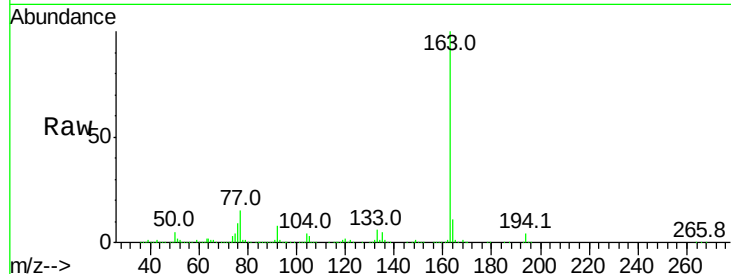
#49
Dimethylphthalate
Concen: 45.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	3.8
164	10.7	8.6	12.8

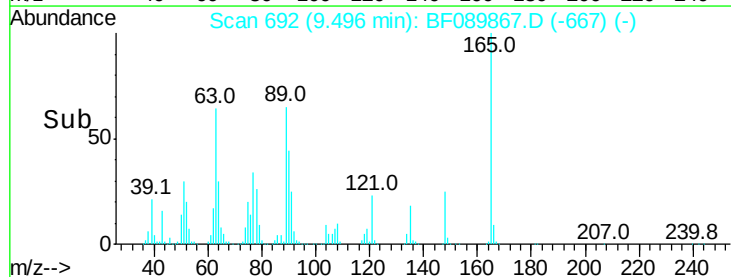
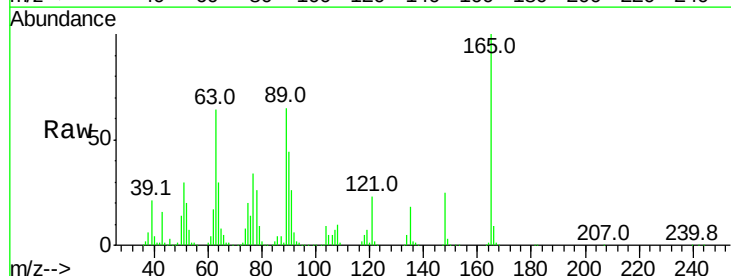
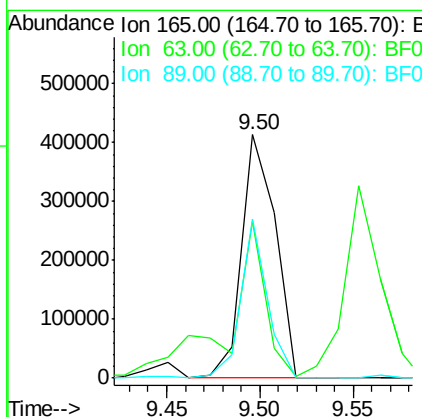
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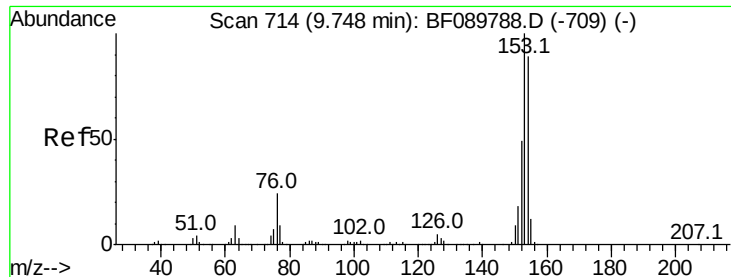
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#50
2,6-Dinitrotoluene
Concen: 39.11 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.5	41.7	62.5#
89	65.4	44.6	67.0





#51

Acenaphthene

Concen: 46.72 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:154 Resp: 2309215

Ion Ratio Lower Upper

154 100

153 111.1 90.5 135.7

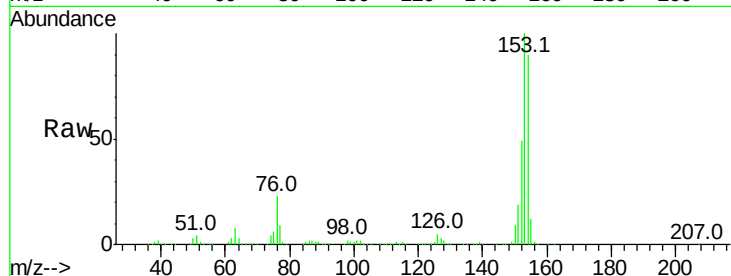
152 54.6 44.6 67.0

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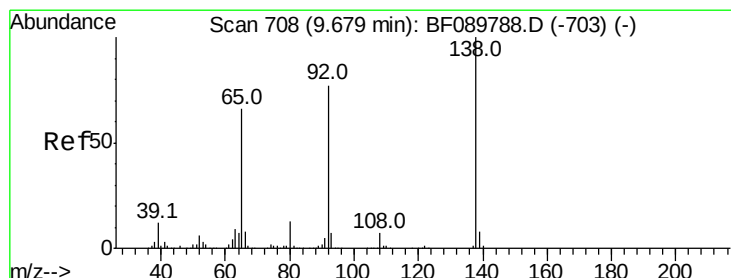
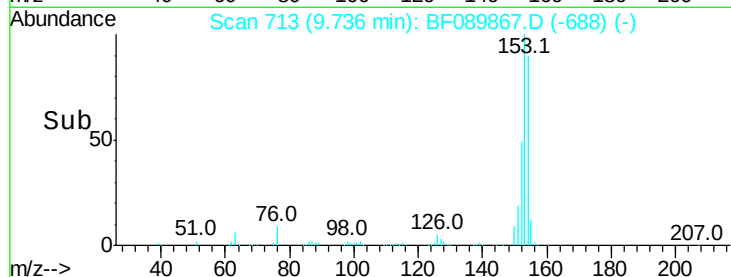
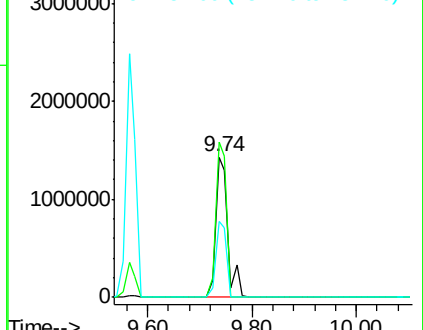
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.55 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

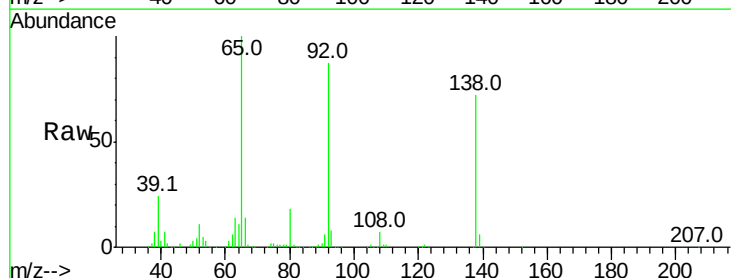
Tgt Ion:138 Resp: 286023

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

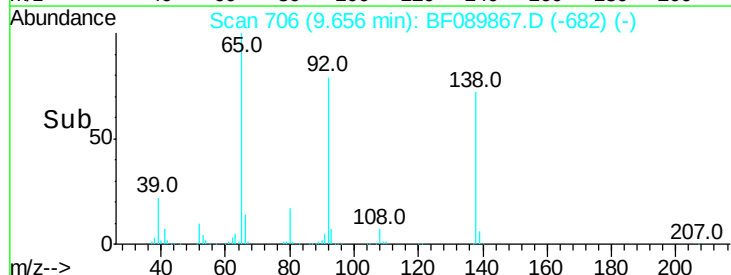
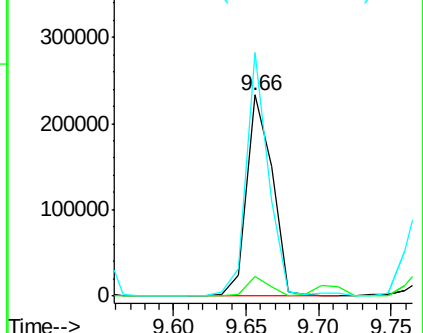
92 121.1 92.7 139.1

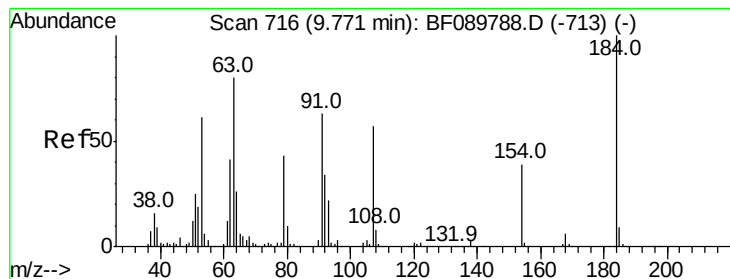


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 67.29 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampled :

PB93047BS

Tot Ion:184 Resp: 486640

Ion Ratio Lower Upper

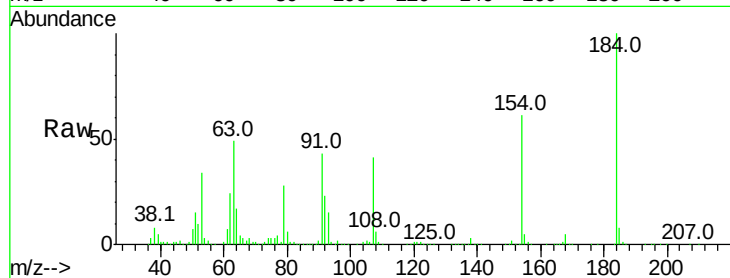
184 100

63 49.4 54.2 81.4#

154 61.4 52.7 79.1

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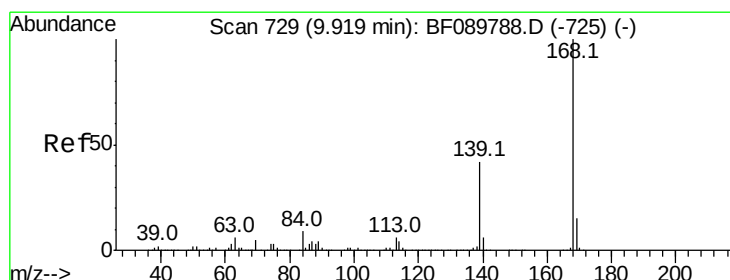
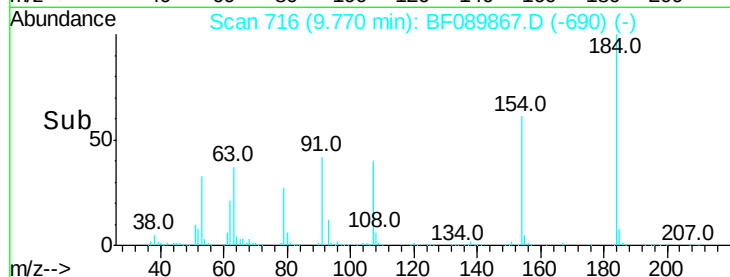
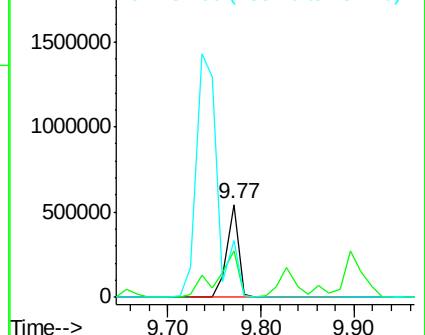
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 48.40 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

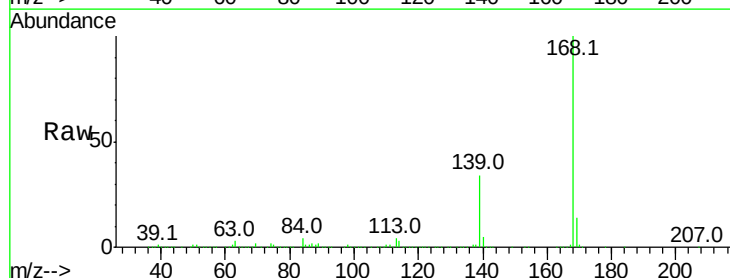
Tgt Ion:168 Resp: 3004790

Ion Ratio Lower Upper

168 100

139 34.1 34.6 52.0#

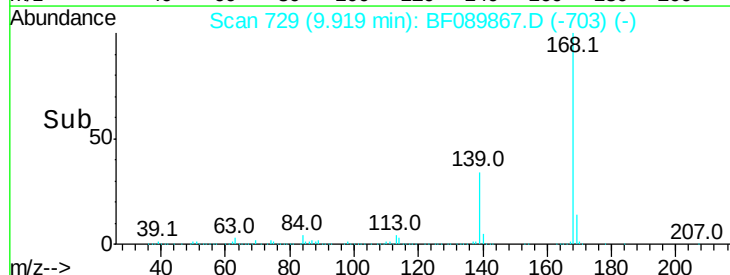
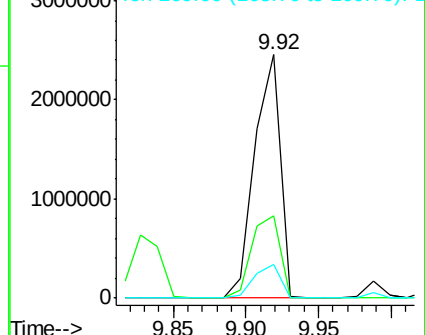
169 13.8 11.5 17.3

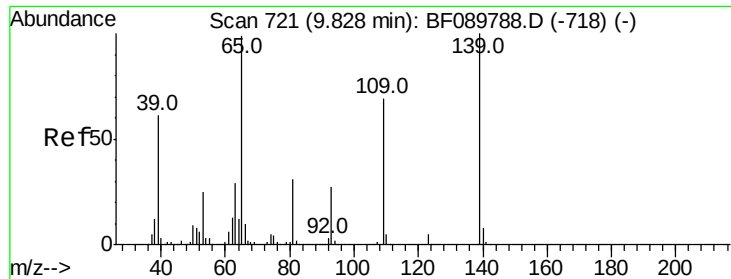


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





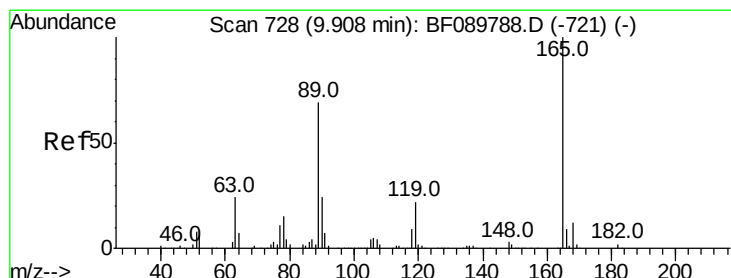
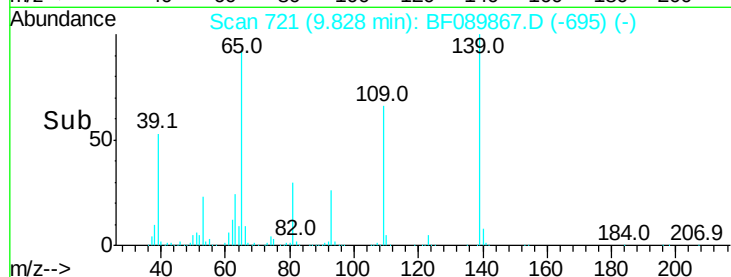
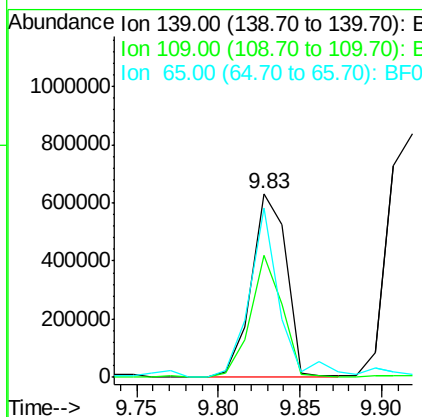
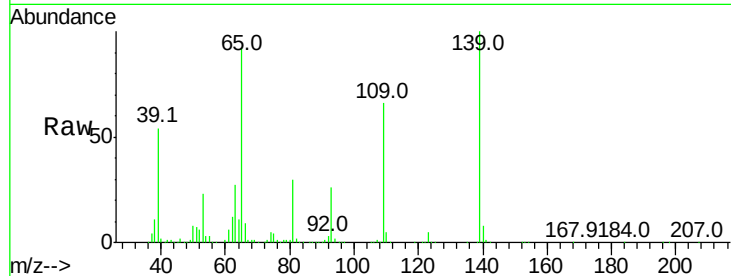
#55
4-Nitrophenol
Concen: 79.18 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampled :
PB93047BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.3	43.0	83.0	
65	92.0	55.7	95.7	

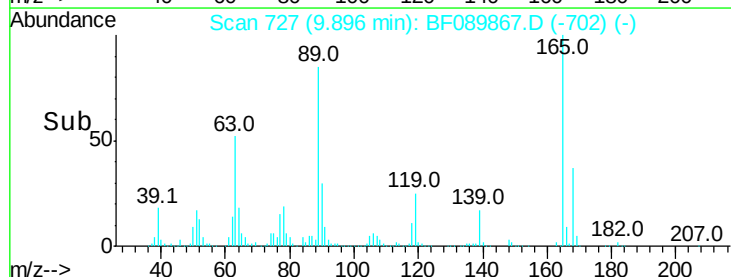
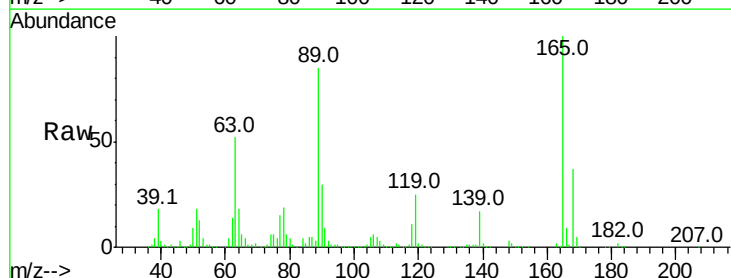
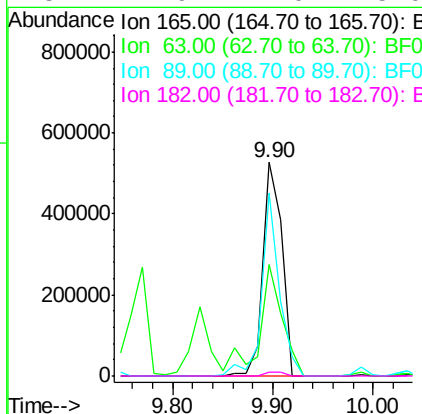
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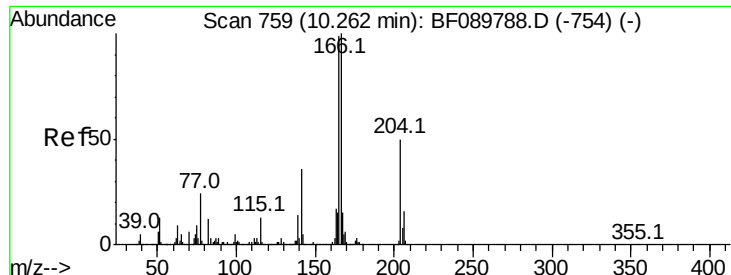
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#56
2,4-Dinitrotoluene
Concen: 40.25 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.1	23.7	35.5#	
89	85.5	44.0	66.0#	
182	1.9	2.0	3.0#	





#57

Fluorene

Concen: 42.23 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:166 Resp: 2089421

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

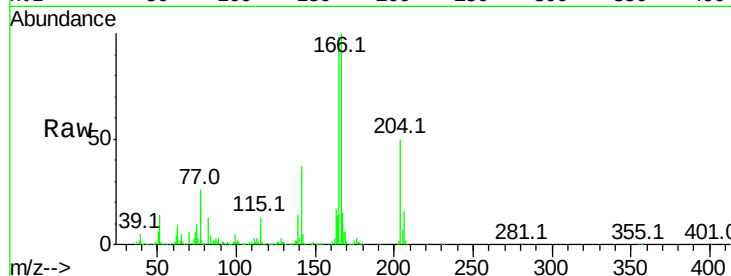
167 14.5 11.3 16.9

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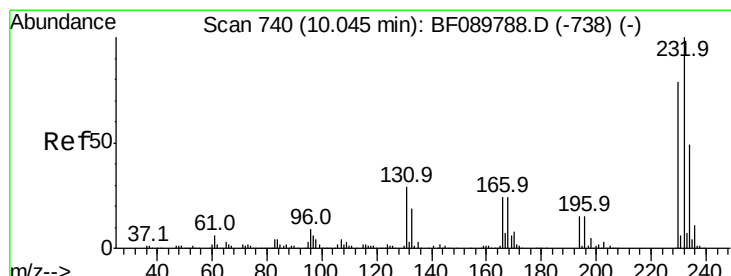
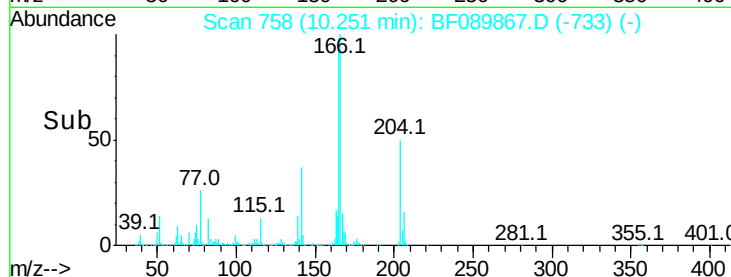
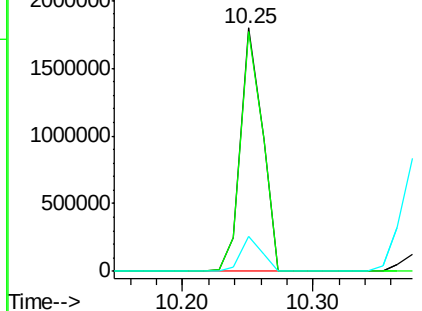
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.34 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion:232 Resp: 579138

Ion Ratio Lower Upper

232 100

131 51.9 42.5 63.7

130 2.5 2.2 3.4

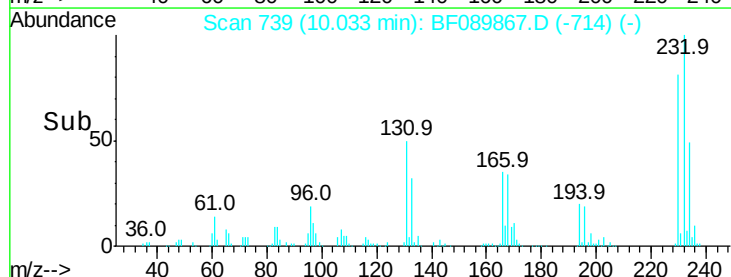
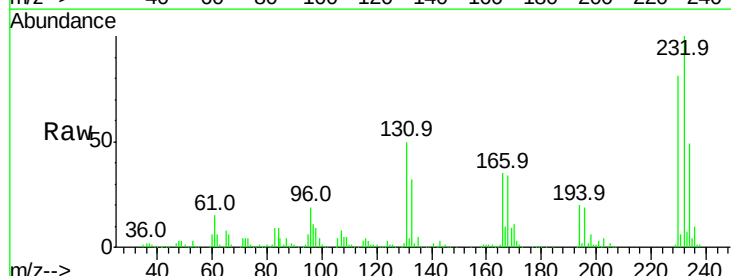
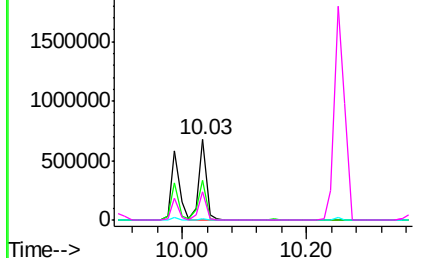
166 34.7 27.3 40.9

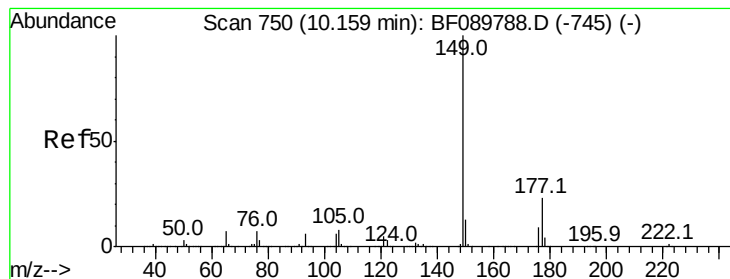
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.26 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:149 Resp: 2455655

Ion Ratio Lower Upper

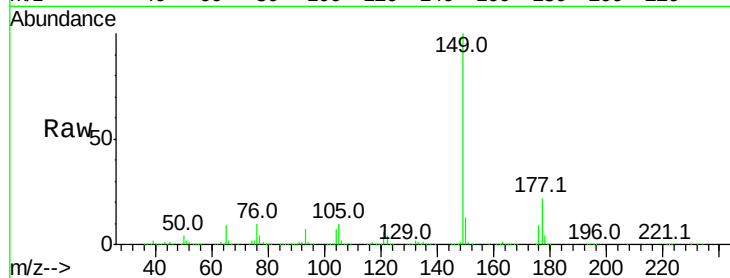
149 100

177 22.3 16.6 25.0

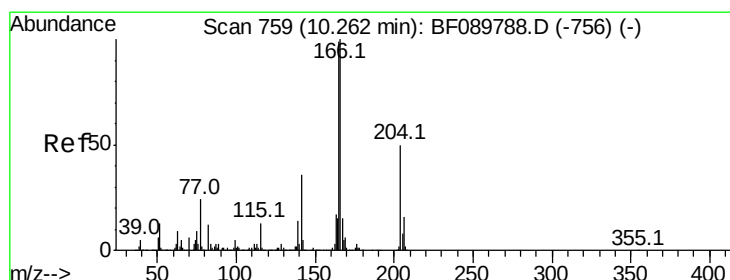
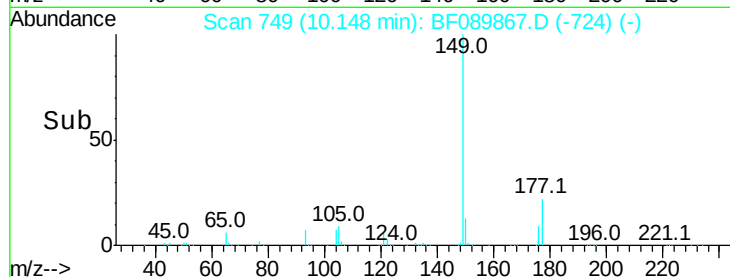
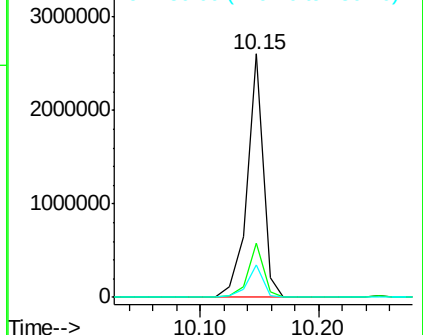
150 13.3 10.5 15.7

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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: 40.23 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

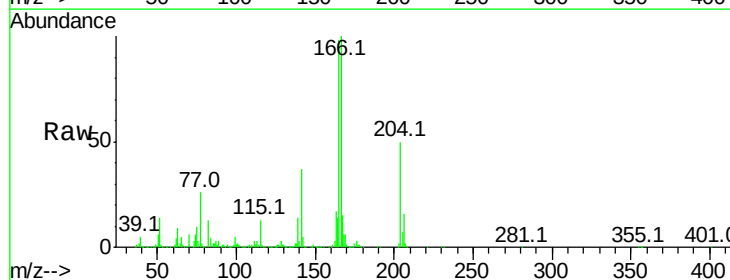
Tgt Ion:204 Resp: 907953

Ion Ratio Lower Upper

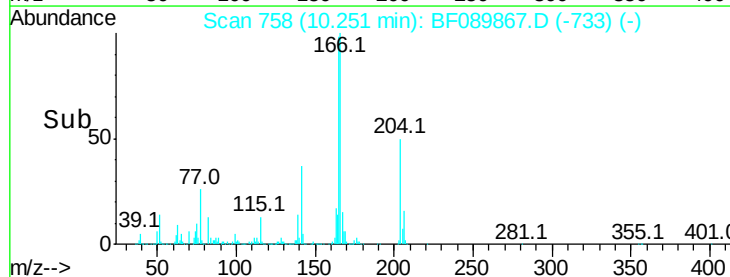
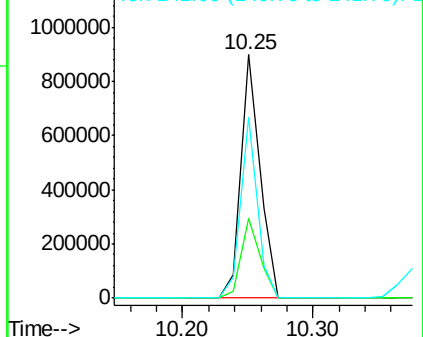
204 100

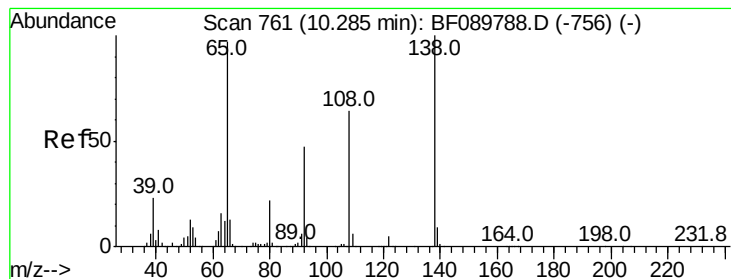
206 32.9 26.5 39.7

141 74.3 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





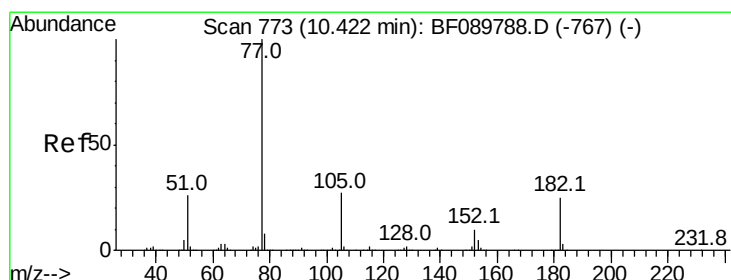
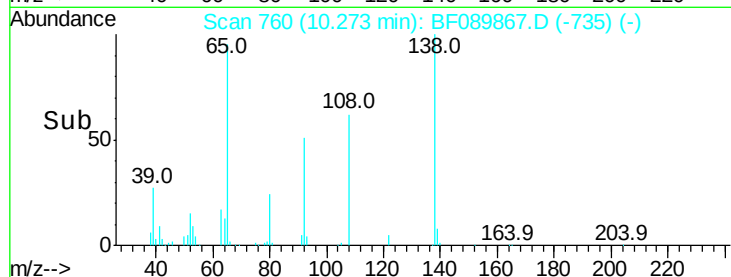
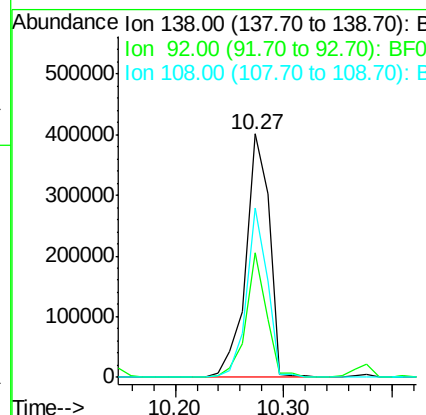
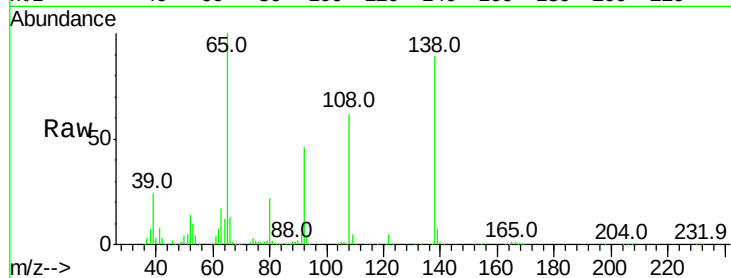
#61
4-Nitroaniline
Concen: 43.80 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.4	26.4	66.4
108	69.5	47.0	87.0

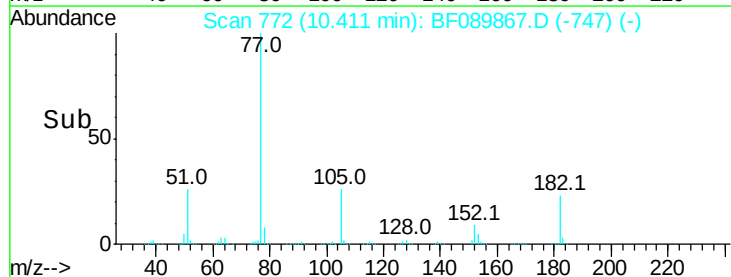
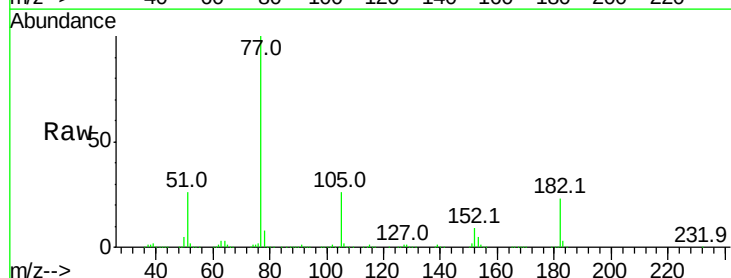
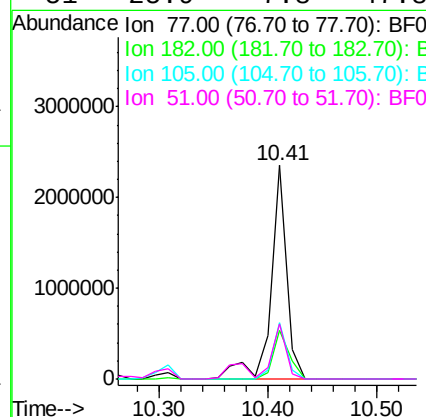
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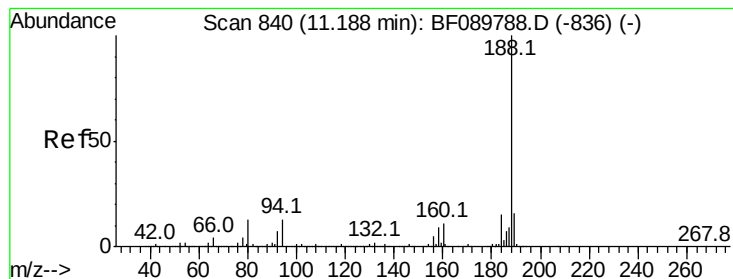
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#62
Azobenzene
Concen: 44.31 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	5.6	45.6
105	26.1	4.0	44.0
51	25.9	7.8	47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:188 Resp: 1520034

Ion Ratio Lower Upper

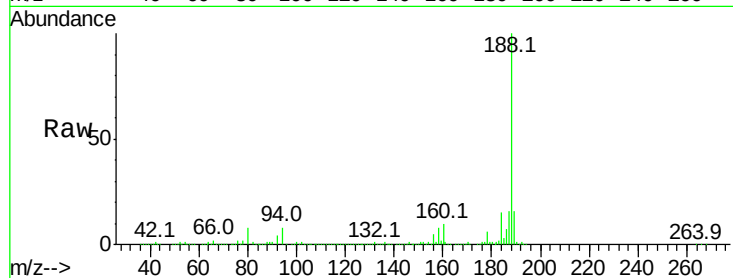
188 100

94 7.7 10.2 15.2#

80 7.6 10.9 16.3#

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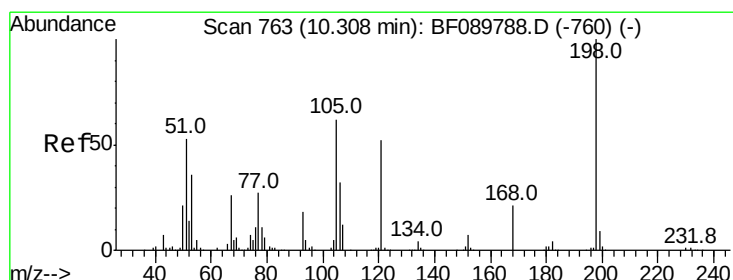
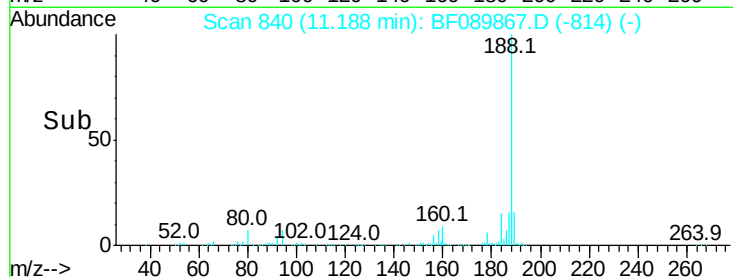
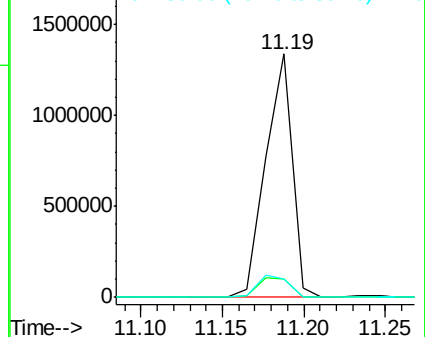
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.59 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

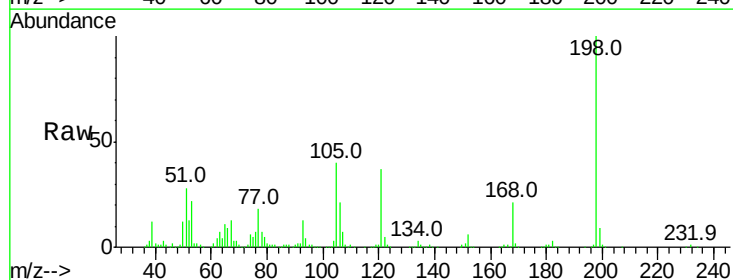
Tgt Ion:198 Resp: 345778

Ion Ratio Lower Upper

198 100

51 28.3 32.3 72.3#

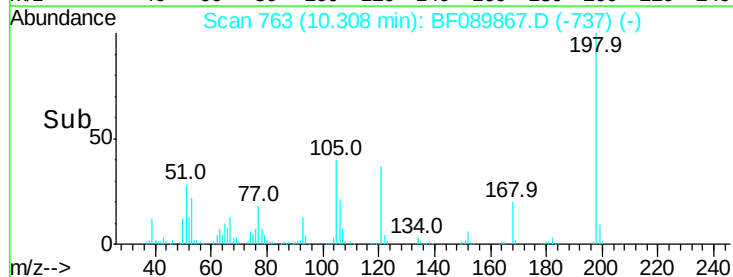
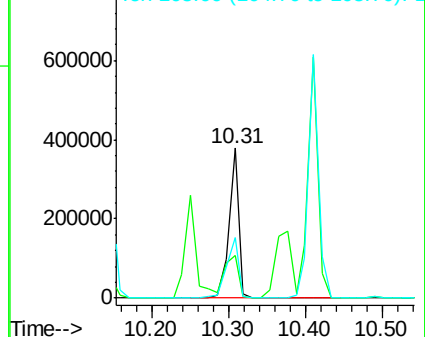
105 40.3 32.9 72.9

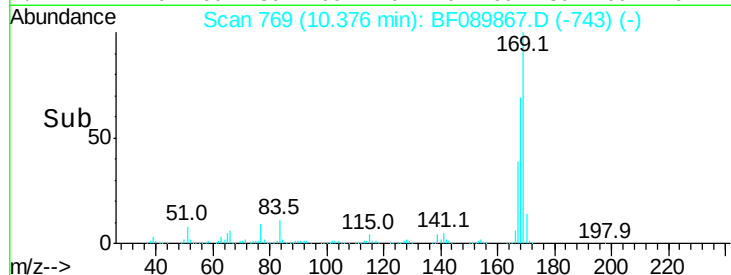
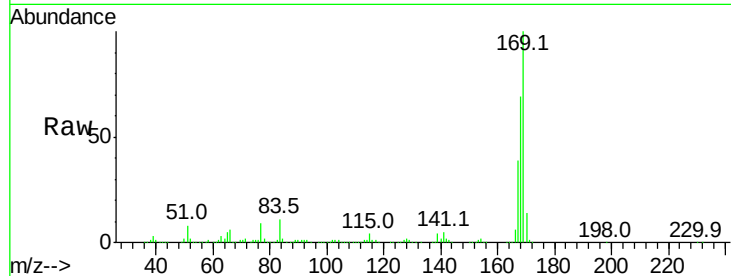
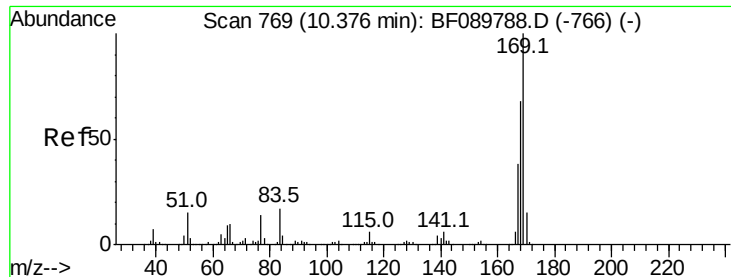


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





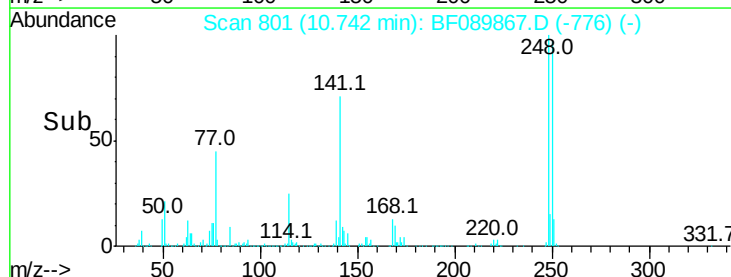
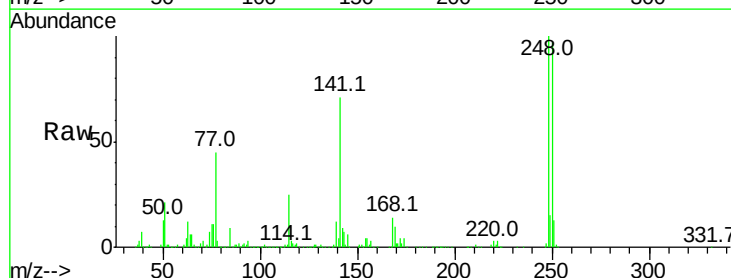
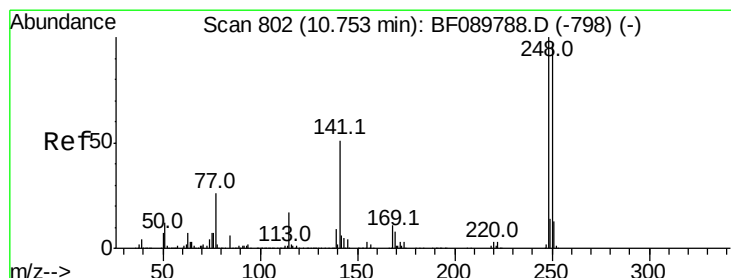
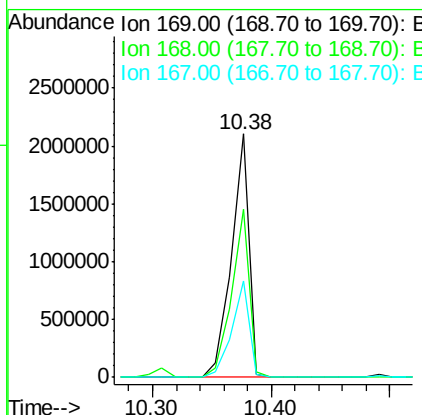
#65
n-Nitrosodiphenylamine
Concen: 44.89 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	54.6	82.0
167	39.4	30.6	45.8

Instrument :
BNA_F
ClientSampled :
PB93047BS

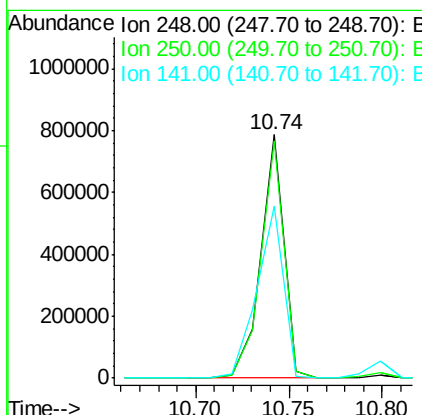
Manual Integrations
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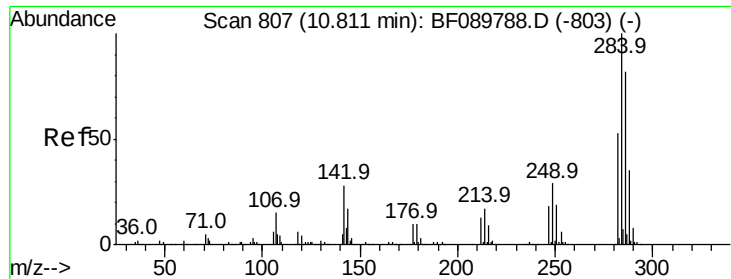
umangi
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#66
4-Bromophenyl-phenylether
Concen: 42.07 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.6	117.8
141	70.8	31.4	47.2





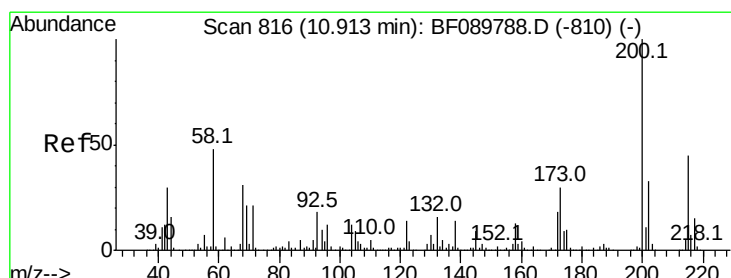
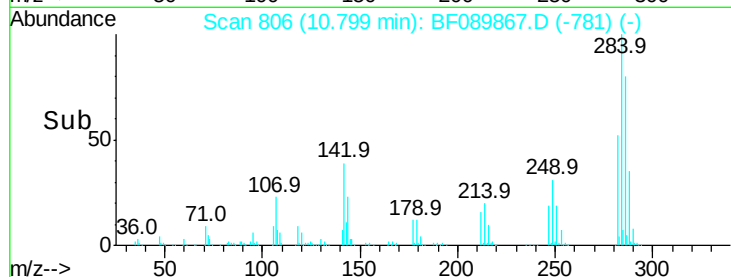
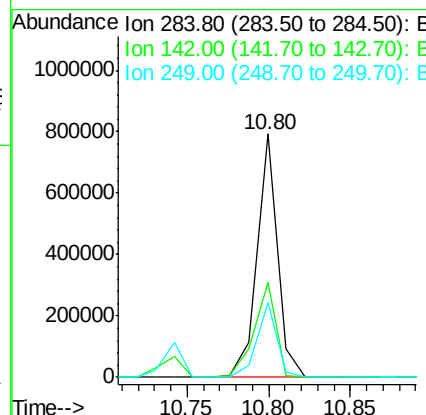
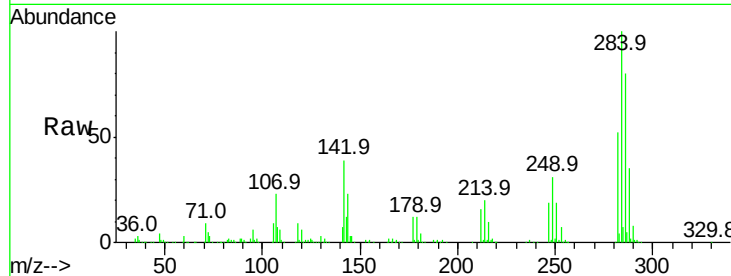
#67
Hexachlorobenzene
Concen: 38.12 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.2	17.4	26.2	
249	30.6	22.8	34.2	

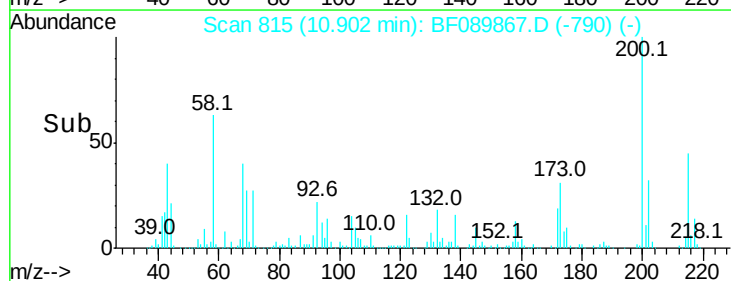
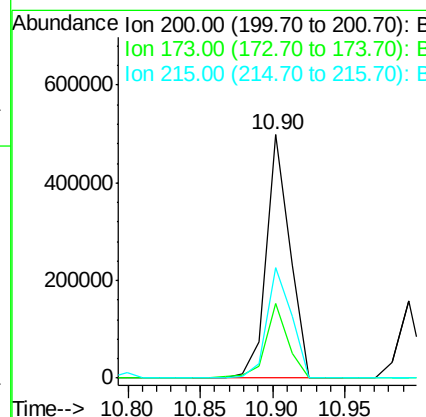
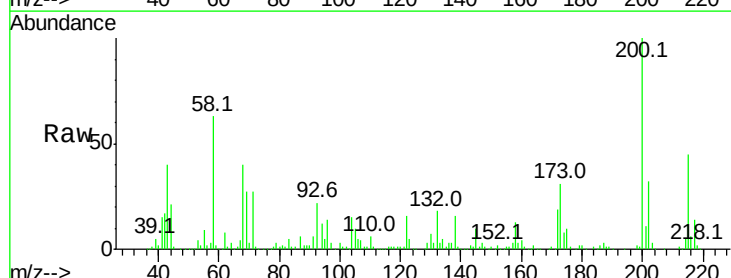
Manual Integrations
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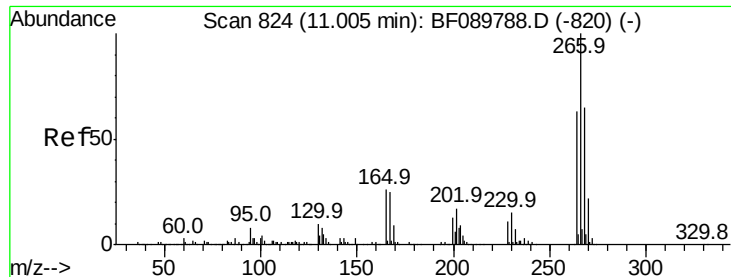
umangi
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#68
Atrazine
Concen: 38.18 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.7	6.6	46.6	
215	45.3	24.7	64.7	





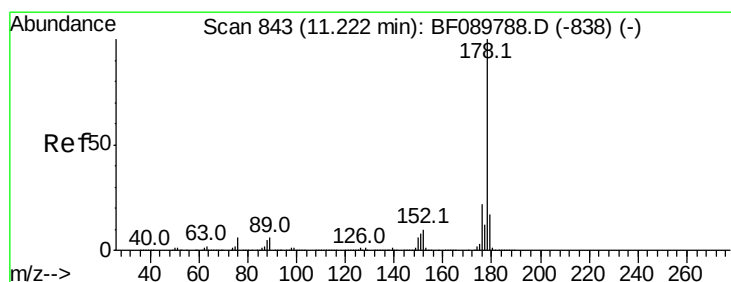
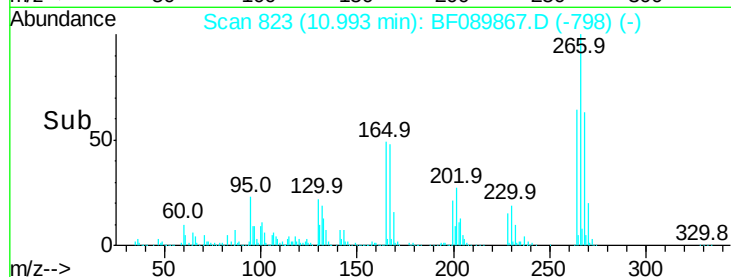
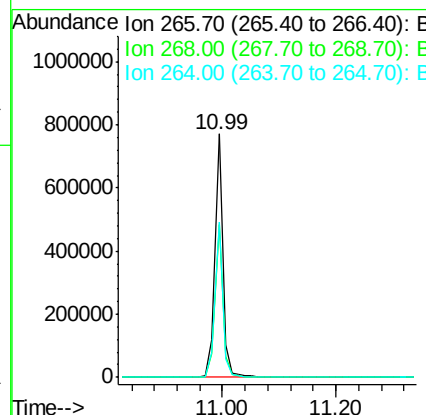
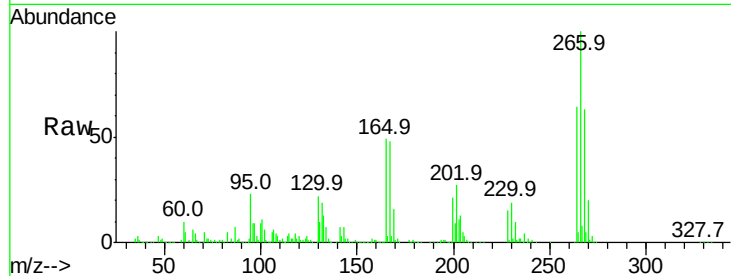
#69
 Pentachlorophenol
 Concen: 69.56 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampled :
 PB93047BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	716814		
268	63.0		53.2	79.8
264	64.0		51.1	76.7

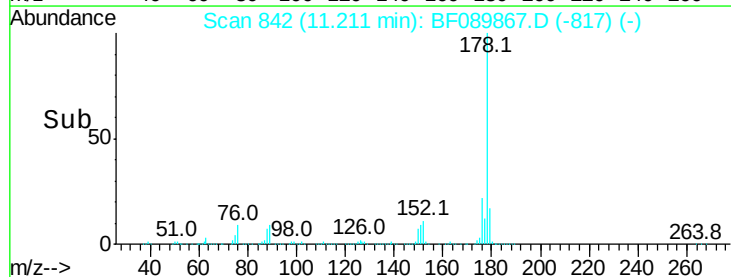
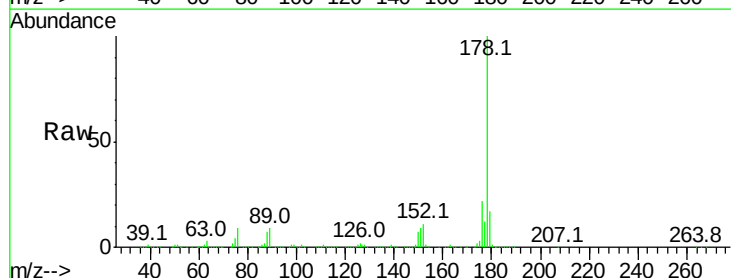
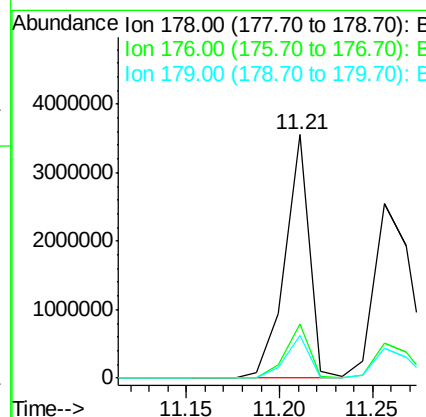
Manual Integrations
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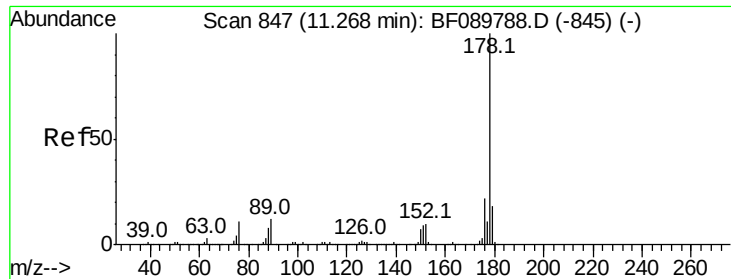
umangi
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#70
 Phenanthrene
 Concen: 42.04 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3227404		
176	22.2		16.4	24.6
179	17.3		12.5	18.7





#71

Anthracene

Concen: 42.07 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:178 Resp: 3283132

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

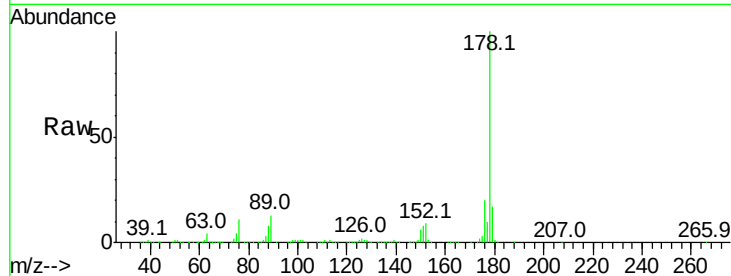
179 16.8 13.1 19.7

Manual Integrations

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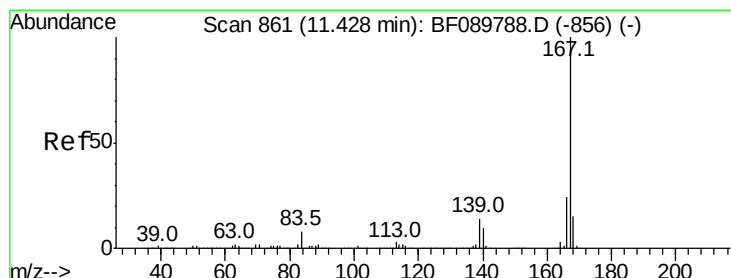
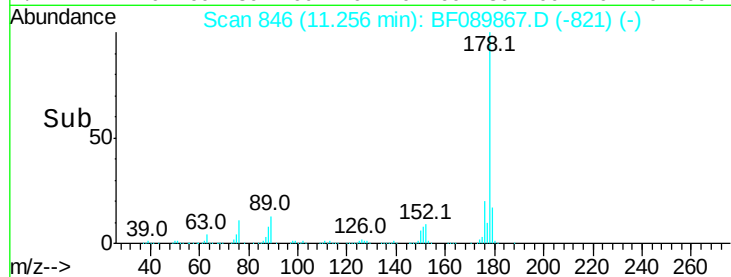
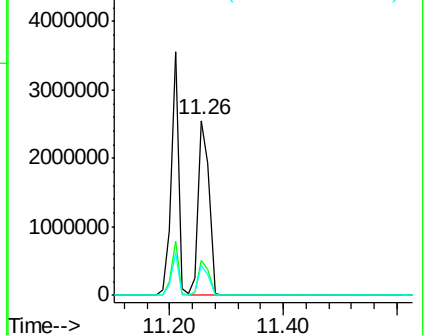
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.43 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

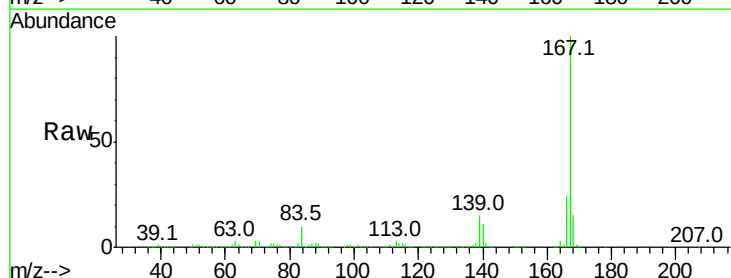
Tgt Ion:167 Resp: 2970222

Ion Ratio Lower Upper

167 100

166 24.0 17.9 26.9

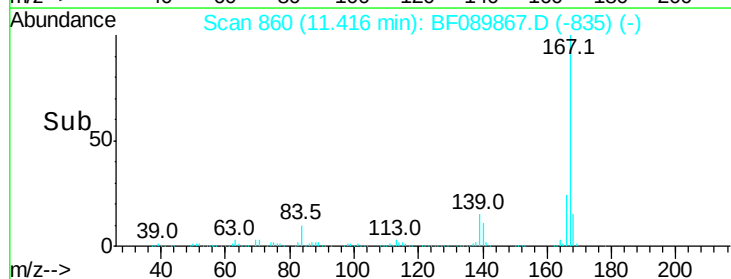
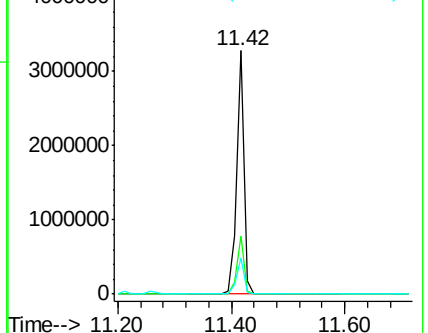
139 14.8 12.4 18.6

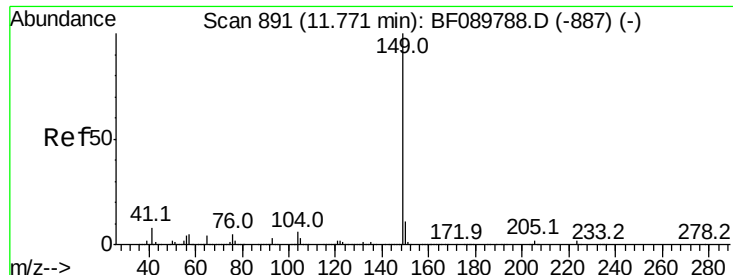


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





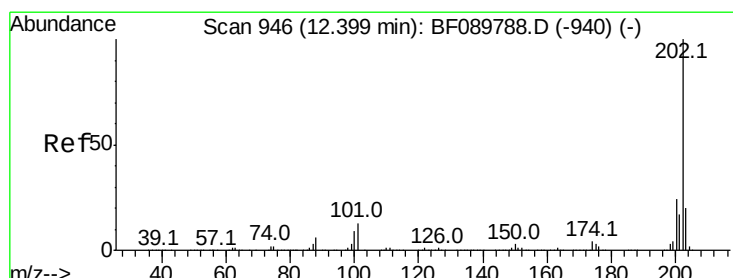
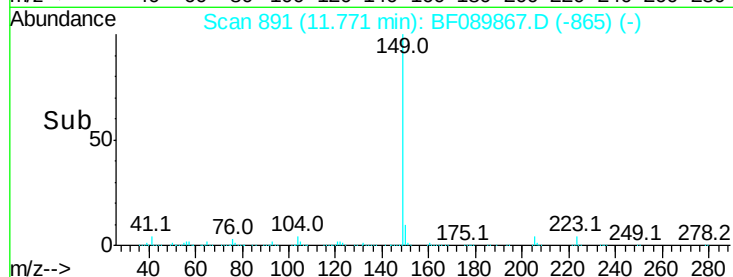
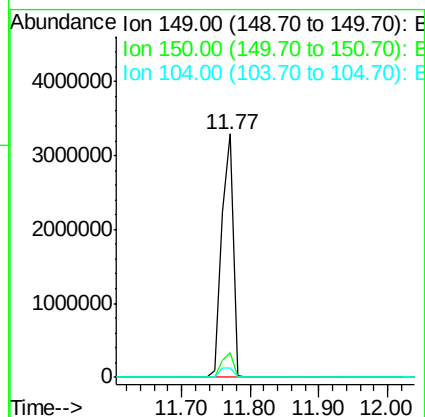
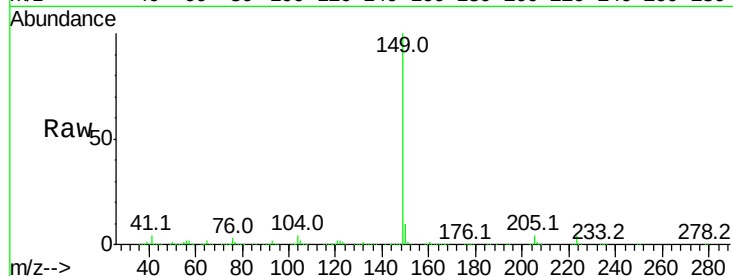
#73
Di-n-butylphthalate
Concen: 44.32 ng
RT: 11.77 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion:149 Resp: 3881229
Ion Ratio Lower Upper
149 100
150 10.1 7.9 11.9
104 4.1 4.3 6.5#

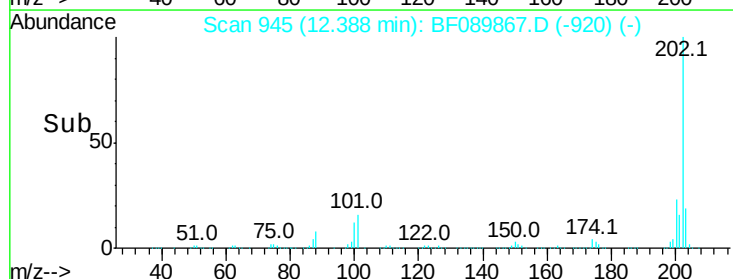
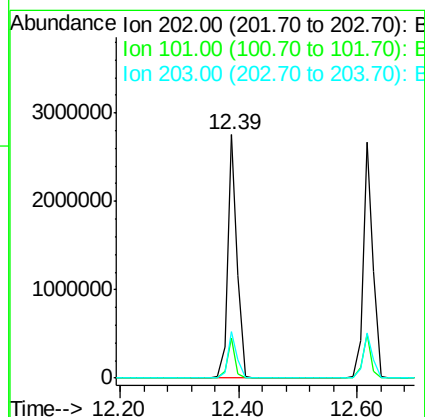
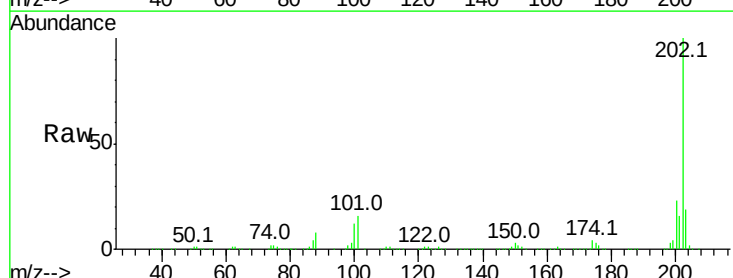
Manual Integrations
APPROVED

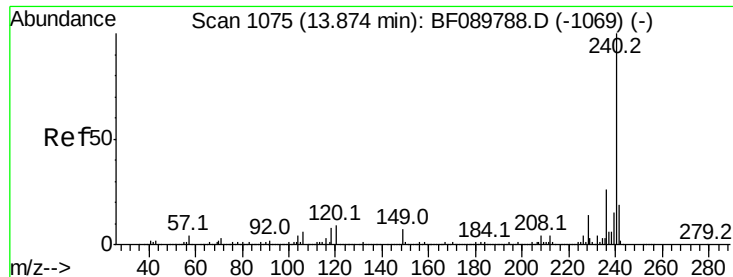
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#74
Fluoranthene
Concen: 40.64 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:202 Resp: 2967852
Ion Ratio Lower Upper
202 100
101 16.3 0.0 31.2
203 19.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:240 Resp: 1135050

Ion Ratio Lower Upper

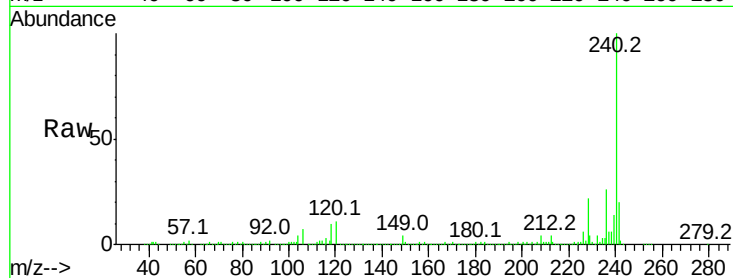
240 100

120 11.2 8.3 12.5

236 26.2 21.3 31.9

Manual Integrations
APPROVED

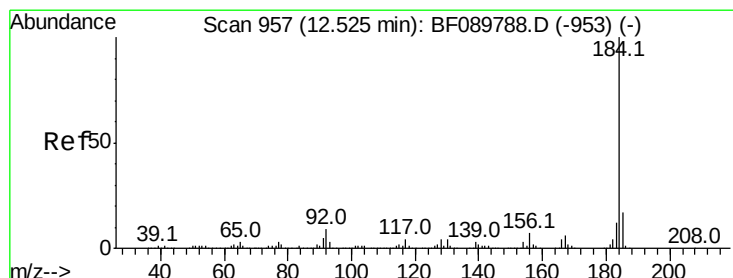
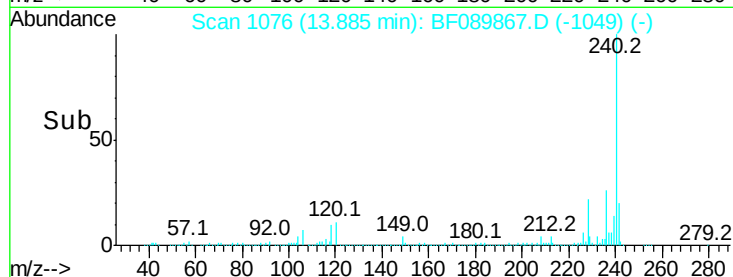
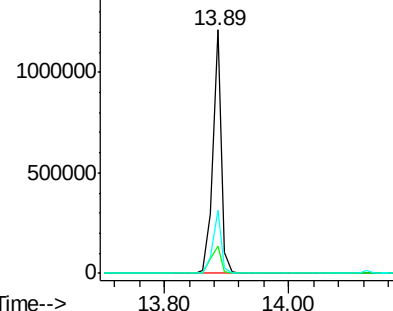
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.81 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

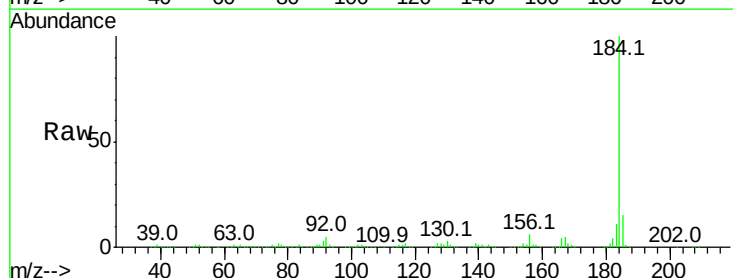
Tgt Ion:184 Resp: 1021562

Ion Ratio Lower Upper

184 100

185 14.9 13.8 20.8

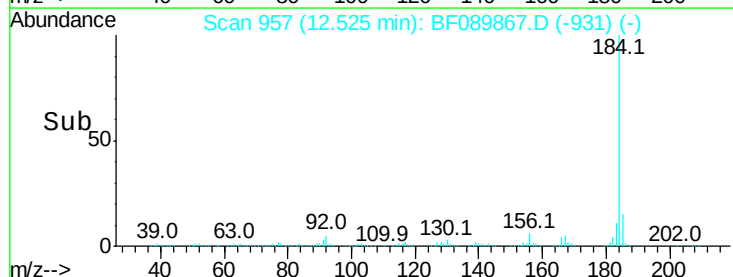
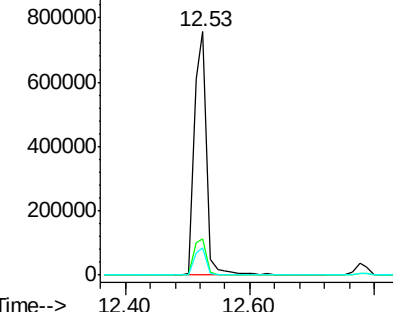
183 11.1 9.7 14.5

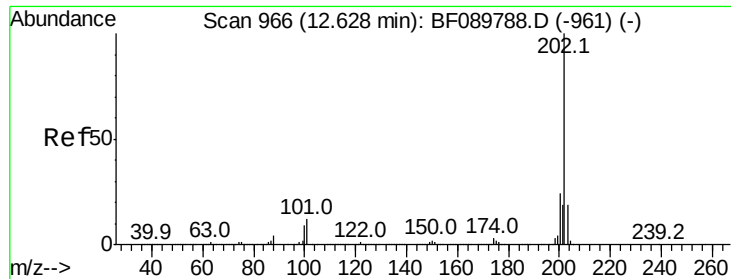


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





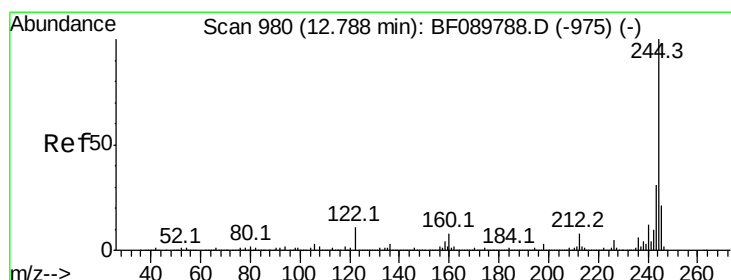
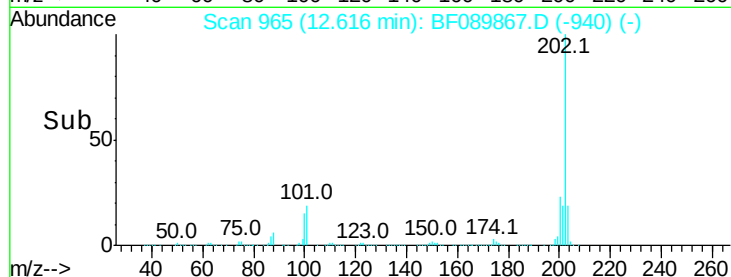
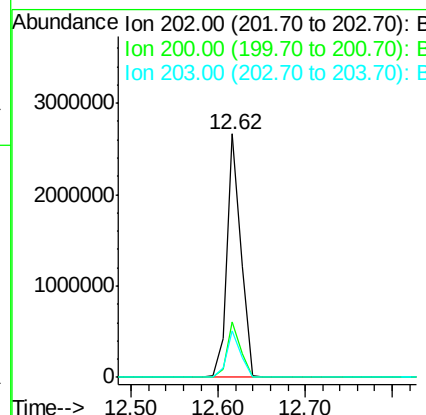
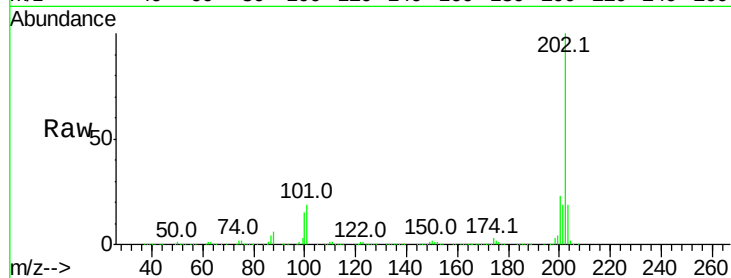
#77
Pvrene
Concen: 32.29 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.6
203	19.1	14.2	21.4

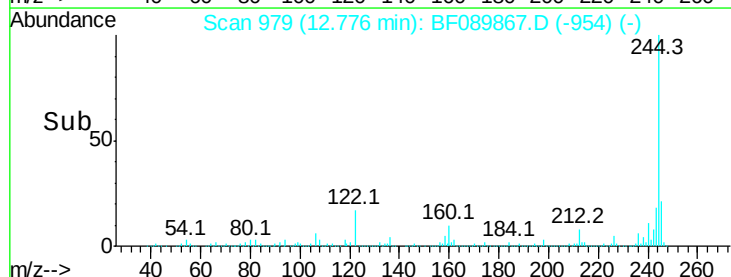
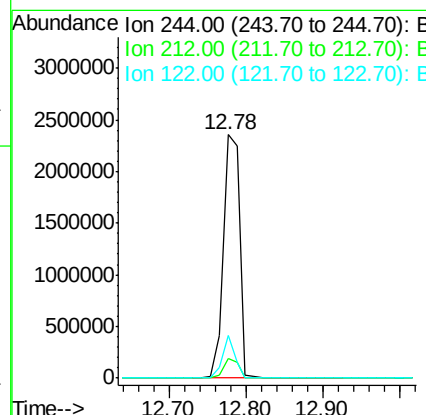
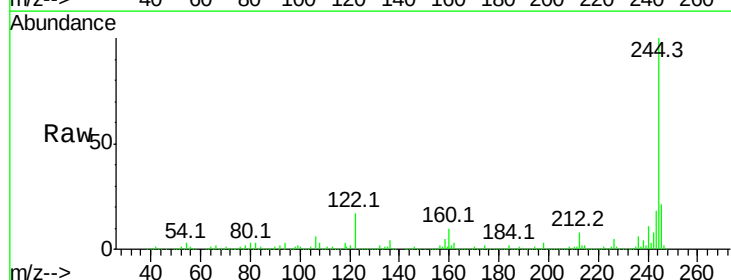
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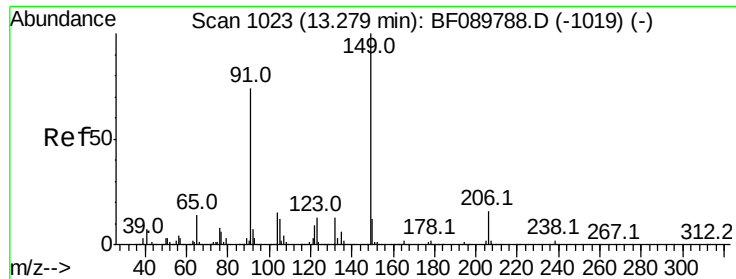
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#78
Terphenyl-d14
Concen: 69.75 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	17.3	12.0	18.0





#79

Butylbenzylphthalate

Concen: 38.58 ng

RT: 13.28 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:149 Resp: 1610358

Ion Ratio Lower Upper

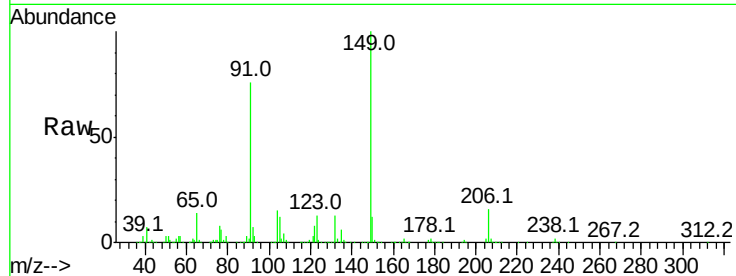
149 100

91 75.7 50.7 76.1

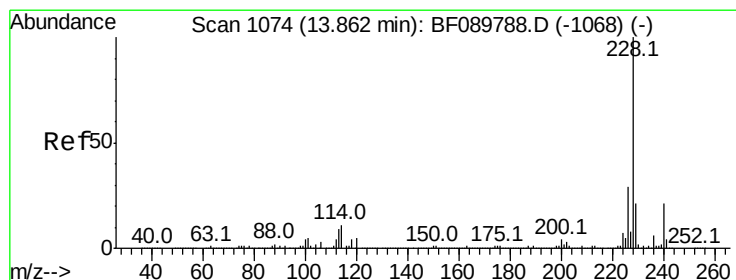
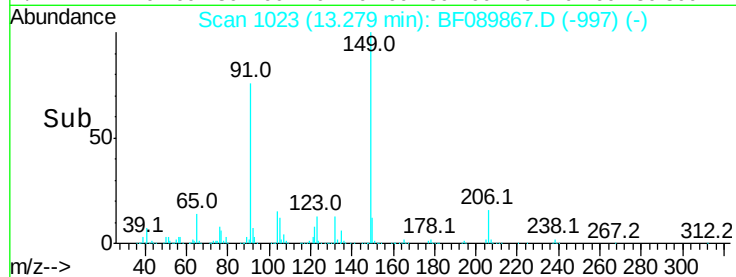
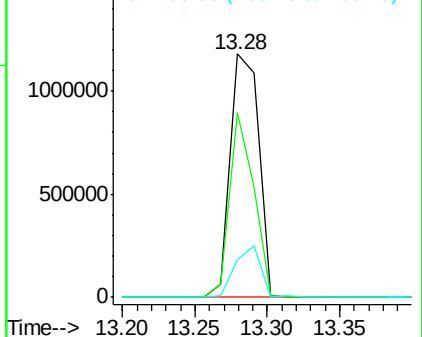
206 15.5 15.5 23.3

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.95 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

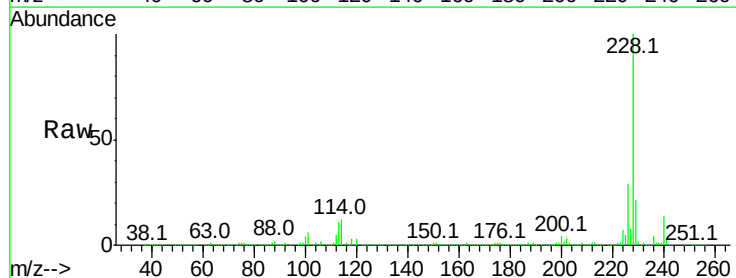
Tgt Ion:228 Resp: 2726987

Ion Ratio Lower Upper

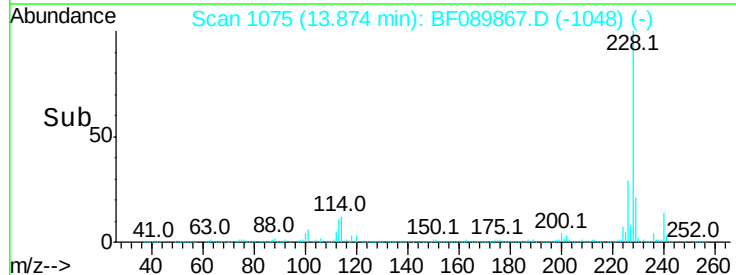
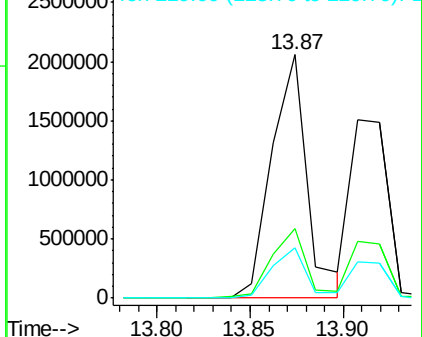
228 100

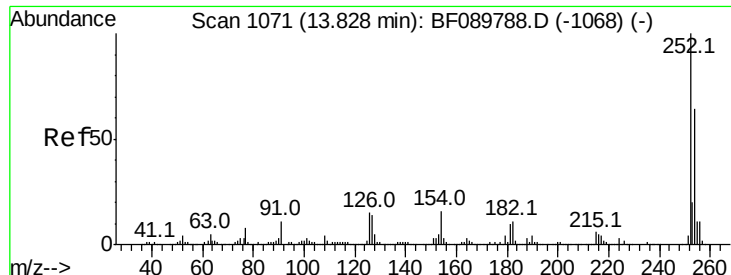
226 28.8 23.2 34.8

229 20.6 16.2 24.4



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





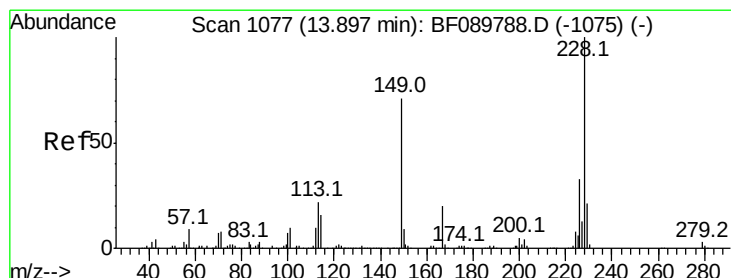
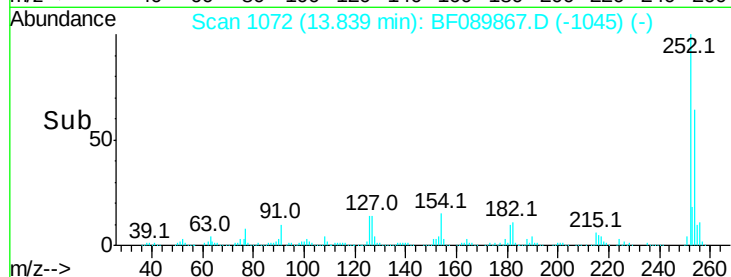
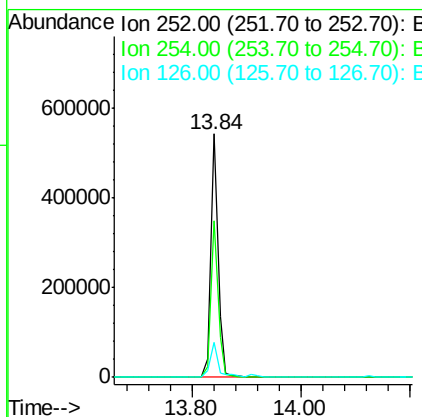
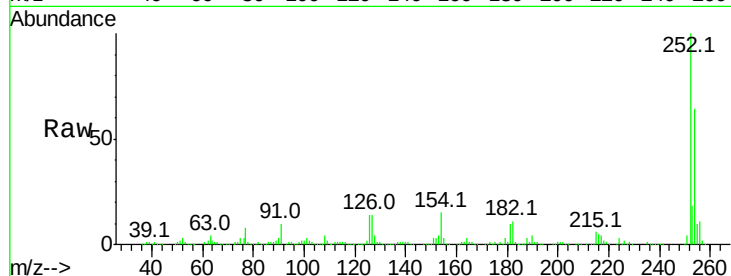
#81
 3,3'-Dichlorobenzidine
 Concen: 24.03 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.6	75.8
126	14.4	12.6	18.8

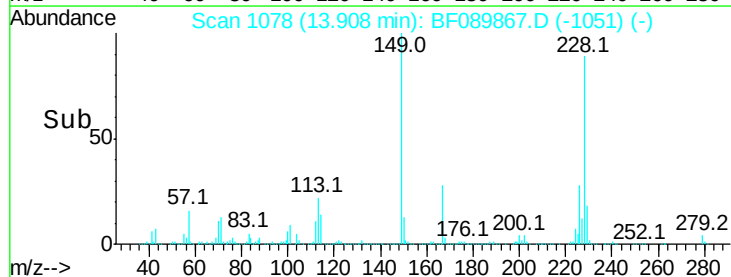
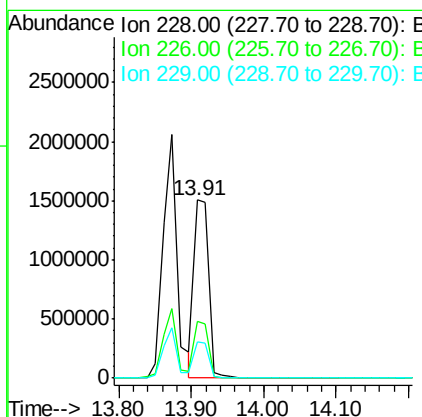
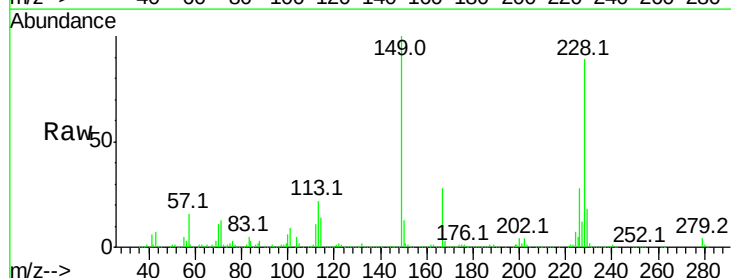
Manual Integrations
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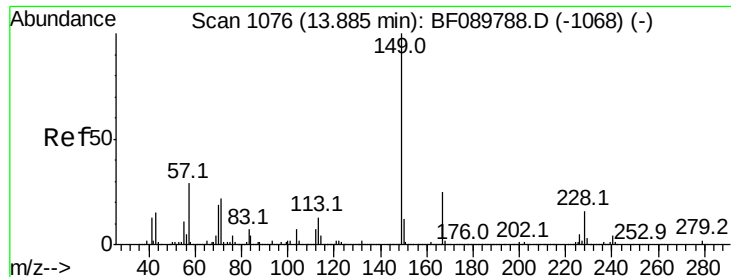
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#82
 Chrysene
 Concen: 38.25 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	20.7	16.5	24.7





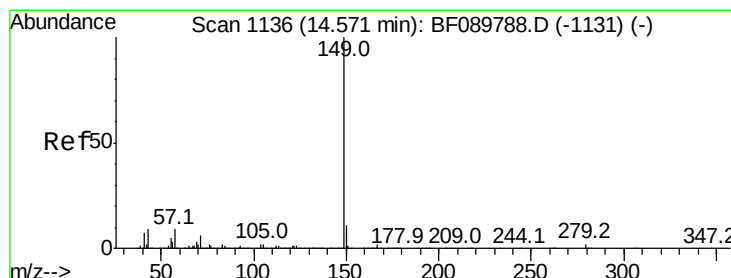
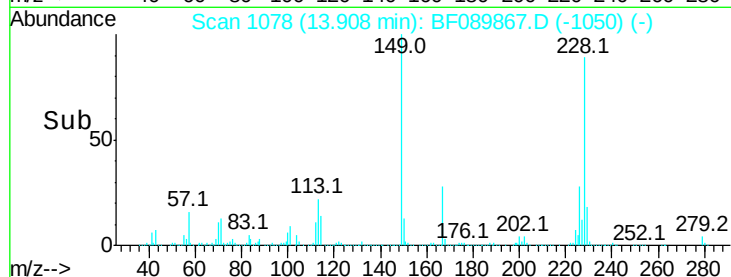
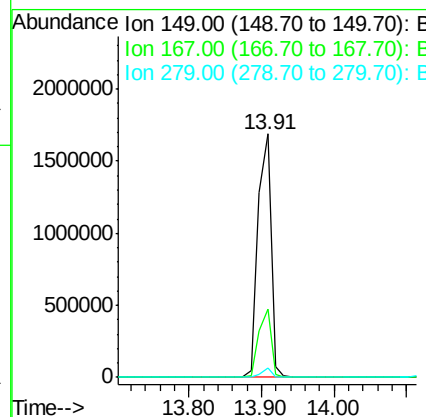
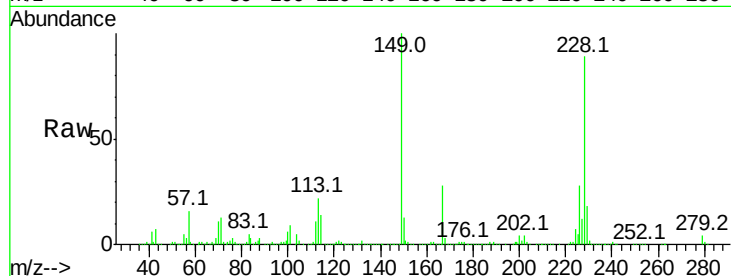
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.25 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.2	31.8
279	3.8	2.9	4.3

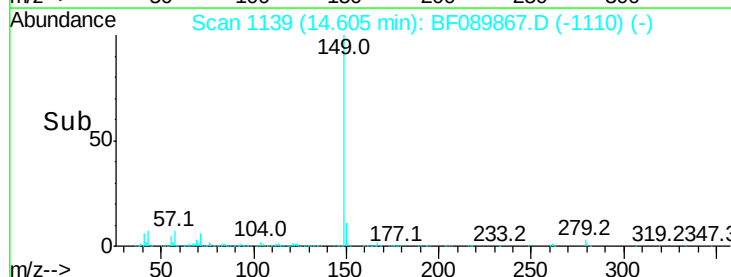
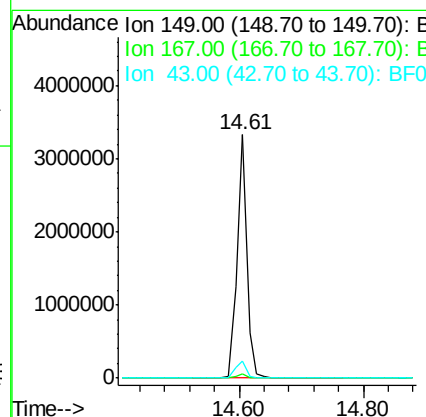
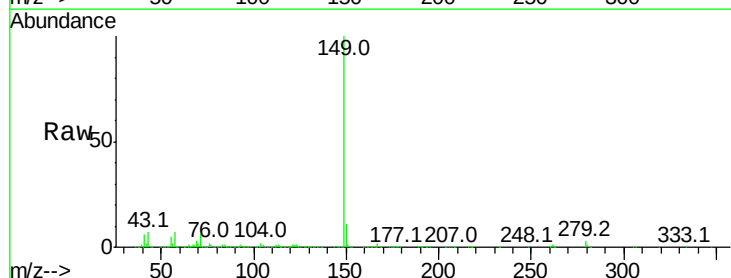
Manual Integrations
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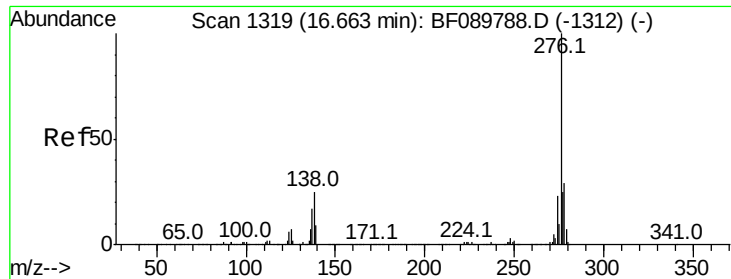
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#84
 Di-n-octyl phthalate
 Concen: 47.94 ng
 RT: 14.61 min Scan# 1139
 Delta R.T. 0.03 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	8.4	12.6#





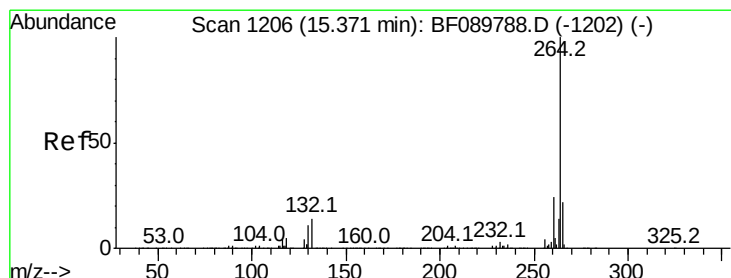
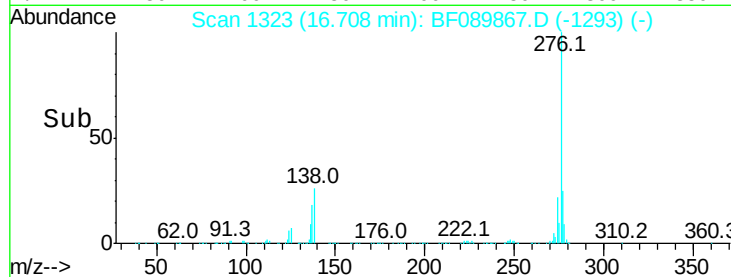
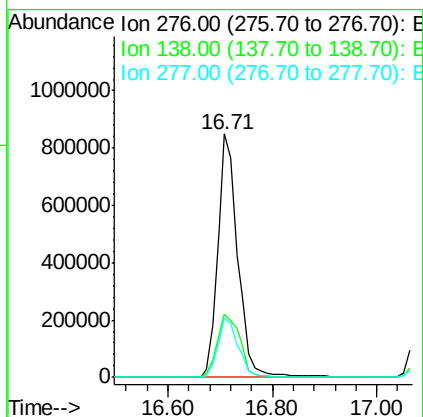
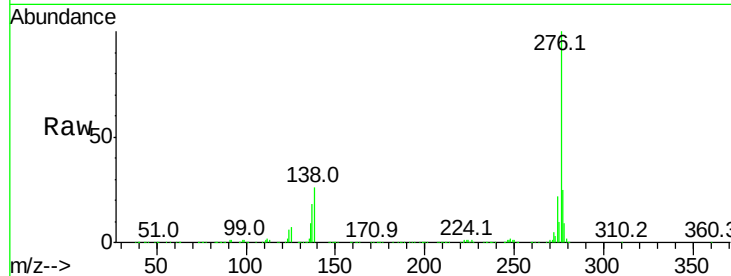
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.60 ng
RT: 16.71 min Scan# 1323
Delta R.T. 0.05 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

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

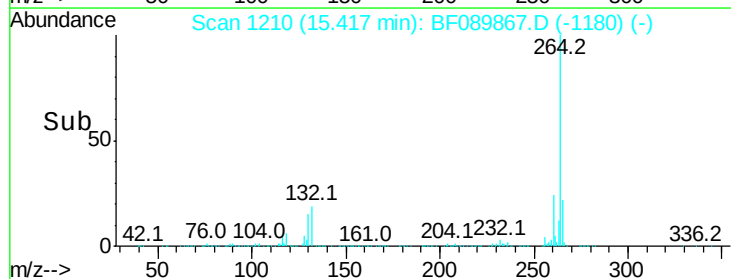
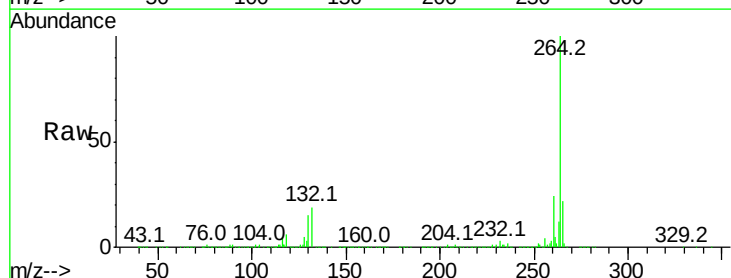
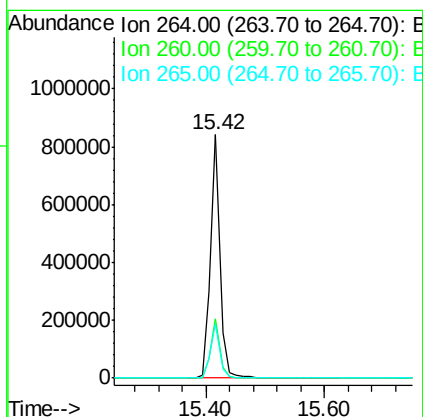
Manual Integrations
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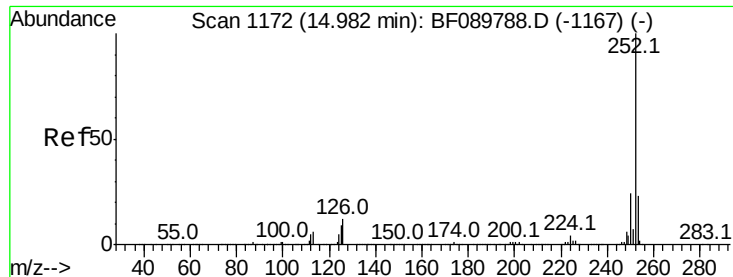
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. 0.05 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.3	17.4	26.2





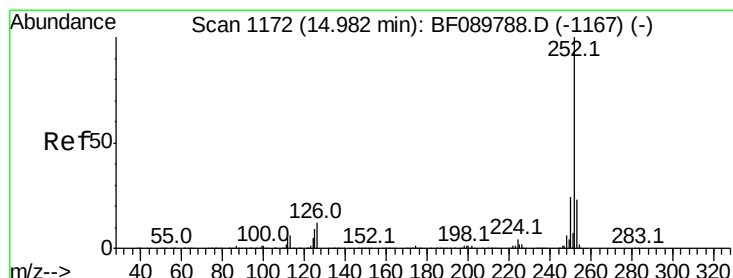
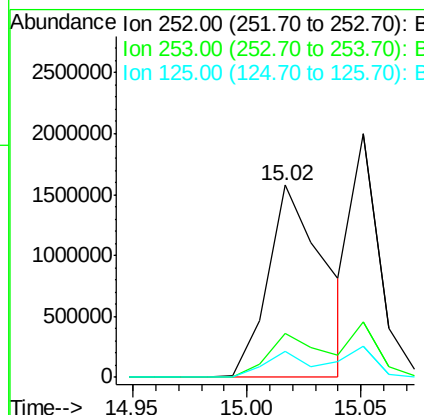
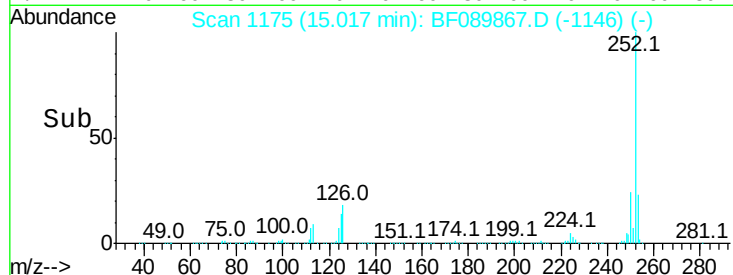
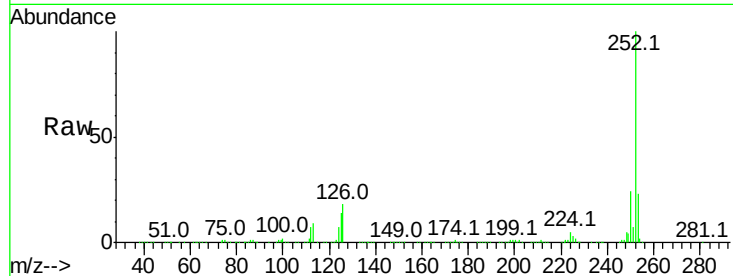
#87
Benzo(b)fluoranthene
Concen: 53.08 ng m
RT: 15.02 min Scan# 1175
Delta R.T. 0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampled :
PB93047BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	13.6	11.4	17.2

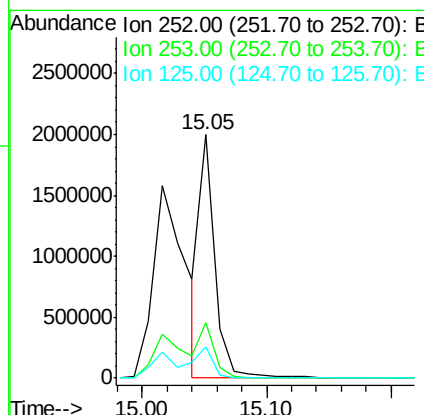
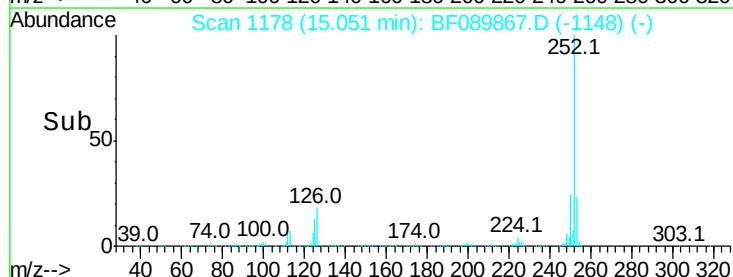
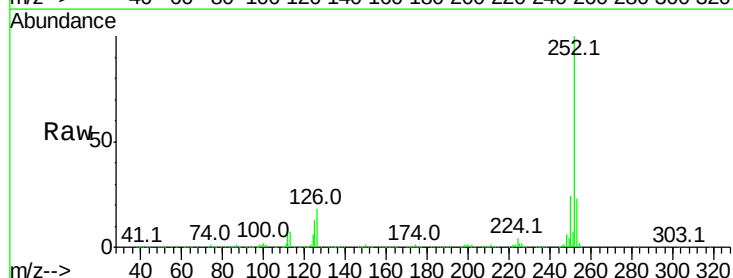
Manual Integrations
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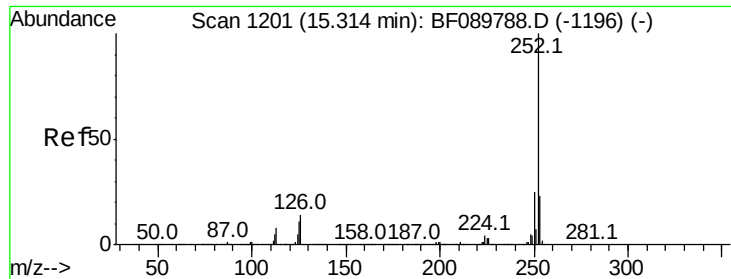
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#88
Benzo(k)fluoranthene
Concen: 37.51 ng m
RT: 15.05 min Scan# 1178
Delta R.T. 0.05 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	12.8	9.8	14.6





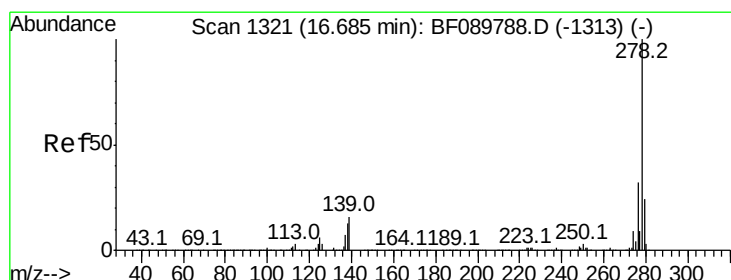
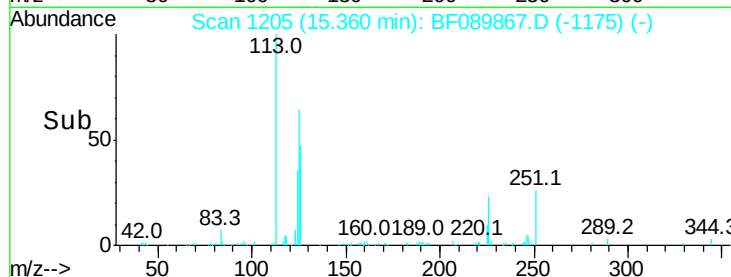
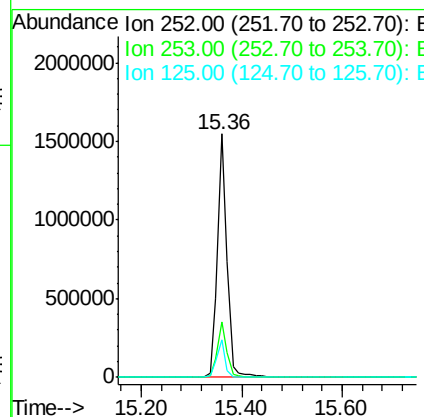
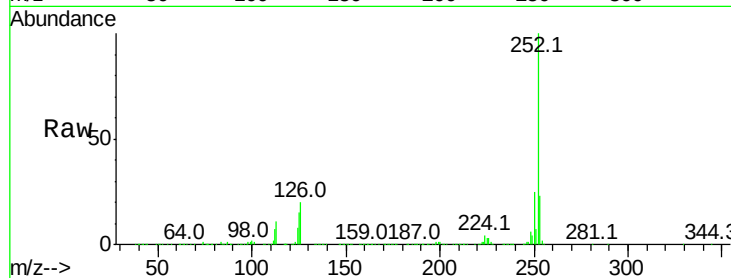
#89
Benzo(a)pyrene
Concen: 41.87 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.05 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	15.3	11.7	17.5

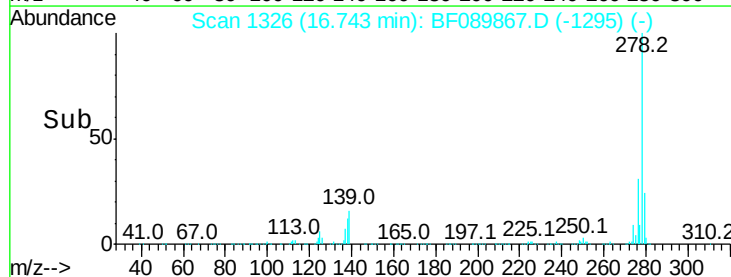
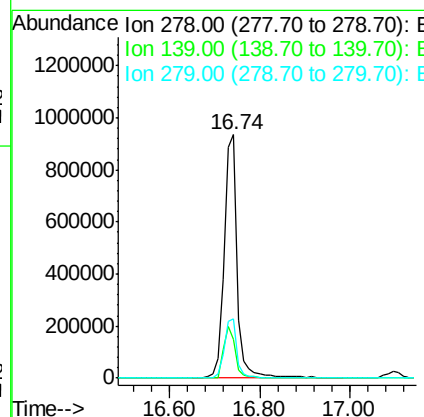
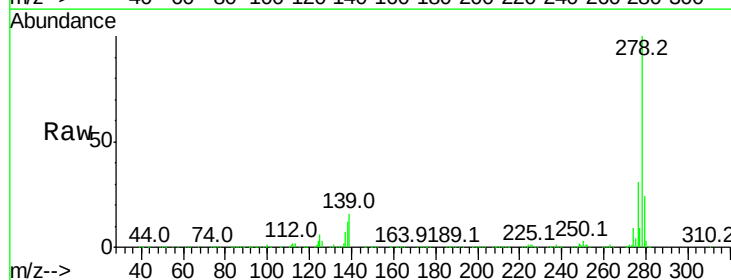
Manual Integrations
APPROVED

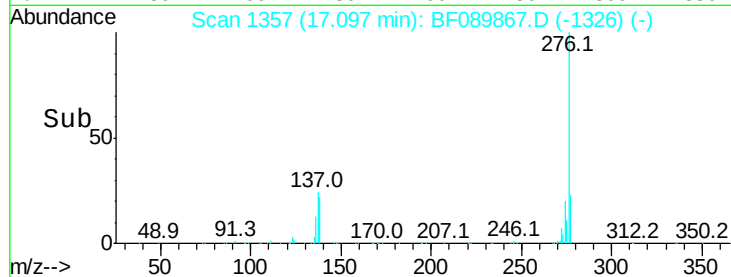
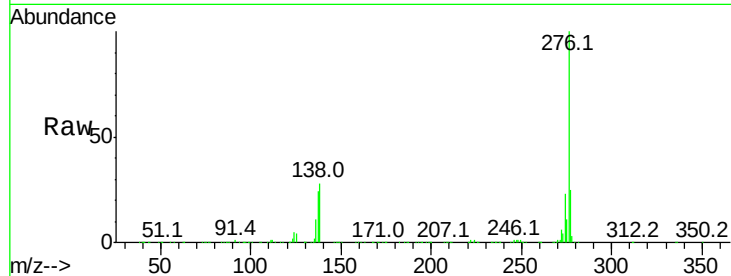
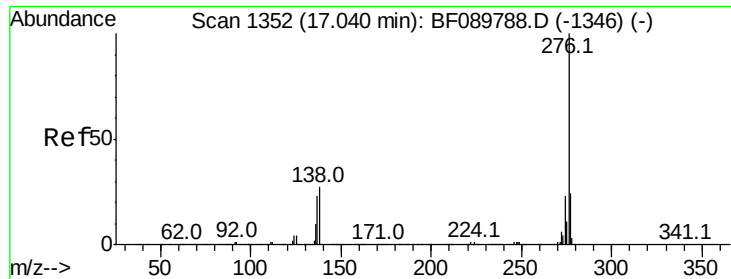
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#90
Dibenzo(a,h)anthracene
Concen: 35.57 ng
RT: 16.74 min Scan# 1326
Delta R.T. 0.06 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	14.9	22.3
279	24.2	19.2	28.8





#91

Benzo(a,h,i)perylene

Concen: 34.77 ng

RT: 17.10 min Scan# 1357

Delta R.T. 0.06 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tot Ion:276 Resp: 1936266

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 28.4 22.1 33.1

Manual Integrations

APPROVED

umangi

8/25/2016 6:48:56 PM

