

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089737.D
 Acq On : 17 Aug 2016 2:18
 Operator : UM/SJ
 Sample : PB92806BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Manual Integrations
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 8/17/2016 6:42:52 PM

Quant Time: Aug 17 04:36:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	824869	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3290989	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	1649954	20.00	ng	0.01
63) Phenanthrene-d10	11.22	188	3050050	20.00	ng	0.01
75) Chrysene-d12	13.87	240	2215647	20.00	ng	-0.02
86) Perylene-d12	15.31	264	2014665	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	5764429	116.60	ng	0.02
7) Phenol-d6	6.34	99	6979449	110.99	ng	0.01
23) Nitrobenzene-d5	7.27	82	4393045	81.51	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	1882418	117.93	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	6296218	61.23	ng	0.00
78) Terphenyl-d14	12.81	244	5865324	79.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	728833	28.56	ng	99
3) Pyridine	2.94	79	2127283	32.34	ng	94
4) n-Nitrosodimethylamine	2.90	42	974191	36.90	ng	86
6) Aniline	6.36	93	2033470	24.06	ng	# 63
8) 2-Chlorophenol	6.49	128	2350224	39.97	ng	83
9) Benzaldehyde	6.24	77	274031	6.57	ng	89
10) Phenol	6.35	94	2380939	30.42	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	1840295	31.73	ng	97
12) 1,3-Dichlorobenzene	6.64	146	2069780	32.93	ng	99
13) 1,4-Dichlorobenzene	6.72	146	2226343	34.96	ng	98
14) 1,2-Dichlorobenzene	6.88	146	2098224	34.56	ng	98
15) Benzyl Alcohol	6.86	79	1765529	42.01	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2498661	32.84	ng	94
17) 2-Methylphenol	6.97	107	1969952	42.17	ng	96
18) Hexachloroethane	7.22	117	858125	36.77	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	1504326	36.53	ng	94
20) 3+4-Methylphenols	7.12	107	2387139	39.90	ng	# 84
22) Acetophenone	7.12	105	2569496	33.59	ng	# 94
24) Nitrobenzene	7.29	77	2334864	38.51	ng	95
25) Isophorone	7.54	82	4306527	39.94	ng	# 91
26) 2-Nitrophenol	7.61	139	1221026	42.80	ng	99
27) 2,4-Dimethylphenol	7.66	122	2261670	41.83	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	2630283	40.14	ng	97
29) 2,4-Dichlorophenol	7.85	162	1942897	43.16	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	1822665	37.72	ng	98
31) Naphthalene	8.01	128	5438624	36.82	ng	95
32) Benzoic acid	7.79	122	1333774	31.73	ng	99
33) 4-Chloroaniline	8.06	127	1067263	15.61	ng	# 87
34) Hexachlorobutadiene	8.14	225	931358	36.69	ng	98
35) Caprolactam	8.44	113	637756m	45.97	ng	
36) 4-Chloro-3-methylphenol	8.55	107	1958349	39.96	ng	91
37) 2-Methylnaphthalene	8.71	142	4304936	42.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1273094	24.00	ng	99
40) Hexachlorocyclopentadiene	8.87	237	1905314	80.60	ng	98

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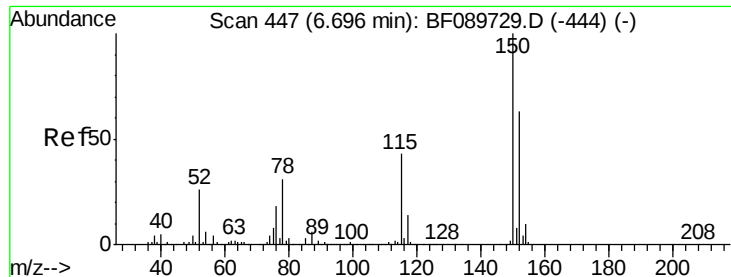
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1324010	38.64	ng	100
43) 2,4,5-Trichlorophenol	9.03	196	1272074	38.94	ng	99
45) 1,1'-Biphenyl	9.18	154	4411691	32.28	ng	94
46) 2-Chloronaphthalene	9.19	162	3559363	34.76	ng	97
47) 2-Nitroaniline	9.29	65	1378675	44.19	ng	# 81
48) Acenaphthylene	9.61	152	5892407	37.38	ng	98
49) Dimethylphthalate	9.48	163	4589115	38.44	ng	97
50) 2,6-Dinitrotoluene	9.53	165	1029411	38.10	ng	# 80
51) Acenaphthene	9.78	154	4495965	42.27	ng	97
52) 3-Nitroaniline	9.70	138	706660	22.49	ng	# 70
53) 2,4-Dinitrophenol	9.80	184	1052222	87.03	ng	99
54) Dibenzofuran	9.95	168	5393423	41.20	ng	96
55) 4-Nitrophenol	9.86	139	2079531	86.04	ng	86
56) 2,4-Dinitrotoluene	9.94	165	1481038	42.64	ng	94
57) Fluorene	10.28	166	3993850	37.76	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1109286	43.47	ng	98
59) Diethylphthalate	10.18	149	4274791	35.31	ng	97
60) 4-Chlorophenyl-phenylether	10.28	204	1551986	29.89	ng	90
61) 4-Nitroaniline	10.32	138	1268112	41.57	ng	98
62) Azobenzene	10.44	77	4654960	40.70	ng	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	723343	40.84	ng	91
65) n-Nitrosodiphenylamine	10.41	169	3811486	39.82	ng	96
66) 4-Bromophenyl-phenylether	10.78	248	1207325	38.22	ng	# 82
67) Hexachlorobenzene	10.83	284	1250699	35.62	ng	# 79
68) Atrazine	10.94	200	1046146	36.08	ng	95
69) Pentachlorophenol	11.03	266	1493411	68.27	ng	97
70) Phenanthrene	11.24	178	5218391m	34.81	ng	
71) Anthracene	11.29	178	5884899	37.57	ng	97
72) Carbazole	11.45	167	5205495	35.07	ng	94
73) Di-n-butylphthalate	11.80	149	6679703	37.01	ng	# 97
74) Fluoranthene	12.42	202	5149818	34.19	ng	89
76) Benzidine	12.55	184	1631281	20.51	ng	99
77) Pyrene	12.42	202	5149747	35.52	ng	93
79) Butylbenzylphthalate	13.29	149	2801073	38.51	ng	# 85
80) Benzo(a)anthracene	13.85	228	5182640	40.26	ng	96
81) 3,3'-Dichlorobenzidine	13.83	252	1395466	29.75	ng	# 96
82) Chrysene	13.90	228	4148249	35.81	ng	94
83) Bis(2-ethylhexyl)phthalate	13.89	149	4119994	42.80	ng	95
84) Di-n-octyl phthalate	14.54	149	6248414	41.76	ng	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	4247732	43.04	ng	99
87) Benzo(b)fluoranthene	14.94	252	5069630m	39.71	ng	
88) Benzo(k)fluoranthene	14.96	252	3869113m	36.82	ng	
89) Benzo(a)pyrene	15.26	252	4443735	42.16	ng	97
90) Dibenzo(a,h)anthracene	16.64	278	3446564	41.53	ng	97
91) Benzo(g,h,i)perylene	17.01	276	3500854	41.45	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

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BNA_F

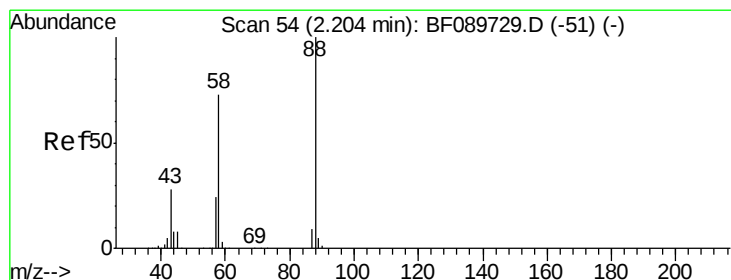
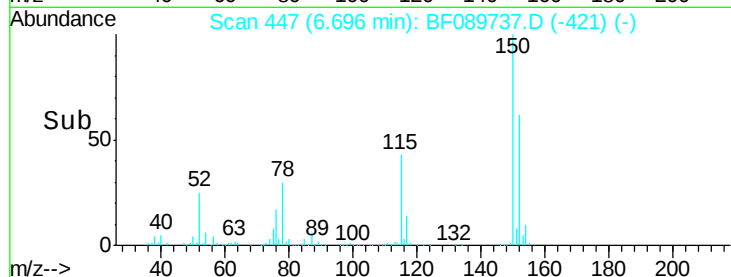
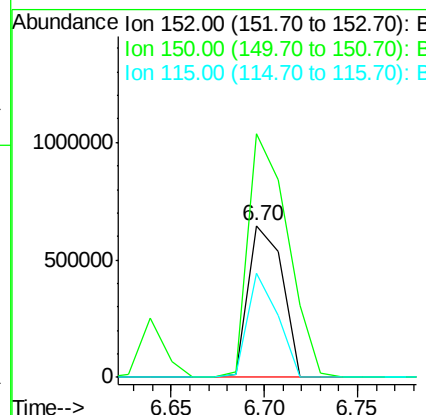
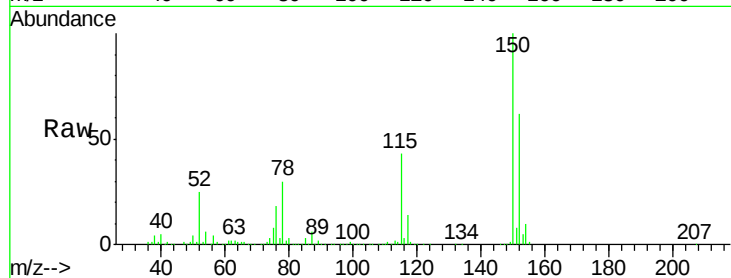
ClientSampled :

PB92806BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.3	187.9
115	68.8	40.9	61.3

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#2

1,4-Dioxane

Concen: 28.56 ng

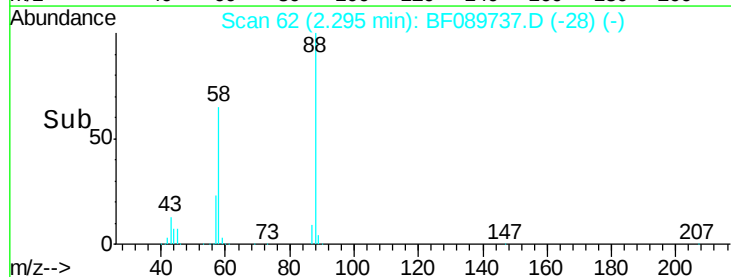
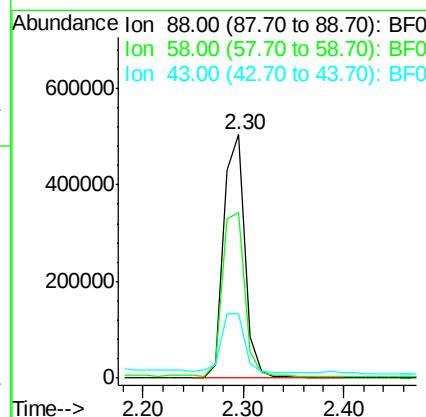
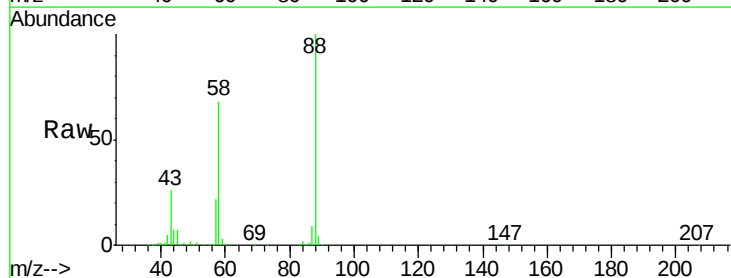
RT: 2.30 min Scan# 62

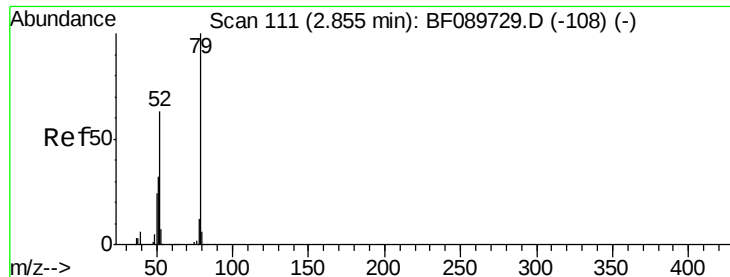
Delta R.T. 0.09 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	57.0	85.4
43	27.6	21.8	32.8





#3

Pyridine

Concen: 32.34 ng

RT: 2.94 min Scan# 118

Delta R.T. 0.08 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion: 79 Resp: 2127283

Ion Ratio Lower Upper

79 100

52 61.6 53.6 80.4

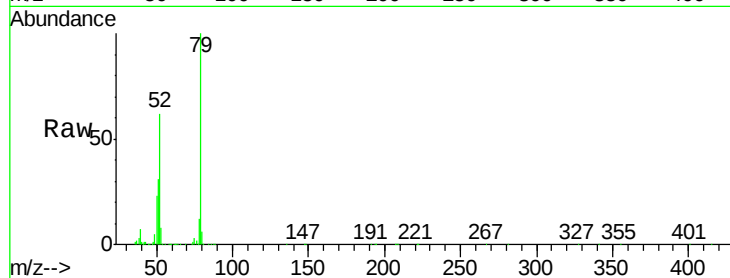
51 31.2 26.6 39.8

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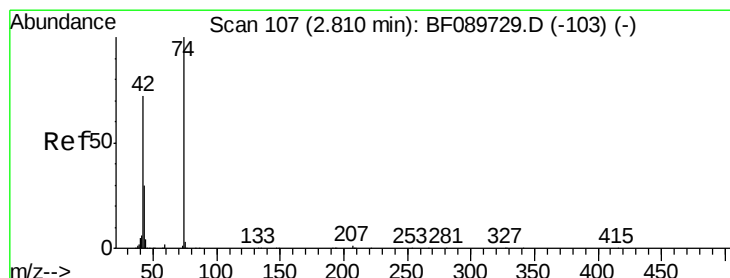
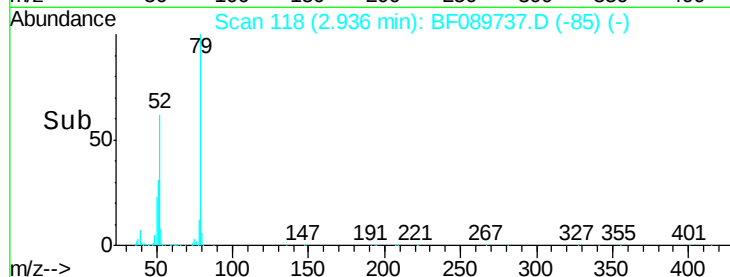
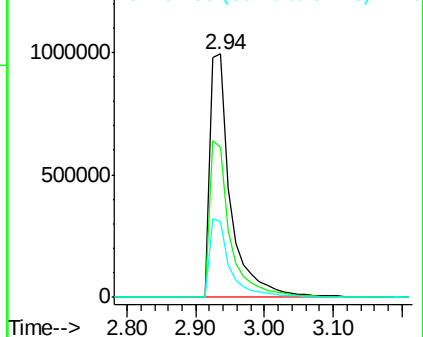
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.90 ng

RT: 2.90 min Scan# 115

Delta R.T. 0.09 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

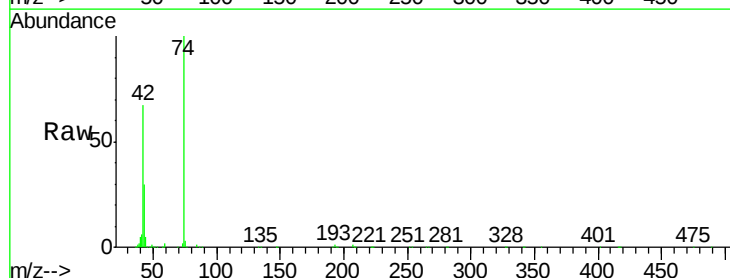
Tgt Ion: 42 Resp: 974191

Ion Ratio Lower Upper

42 100

74 149.4 106.2 159.2

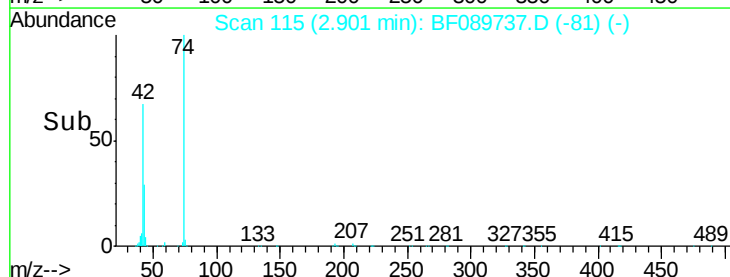
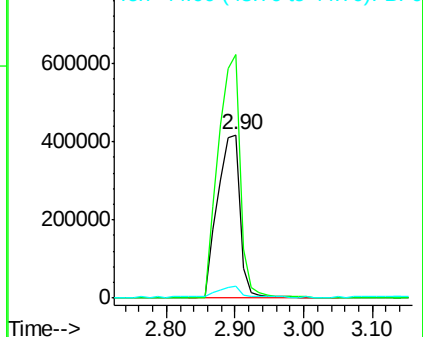
44 7.0 6.9 10.3

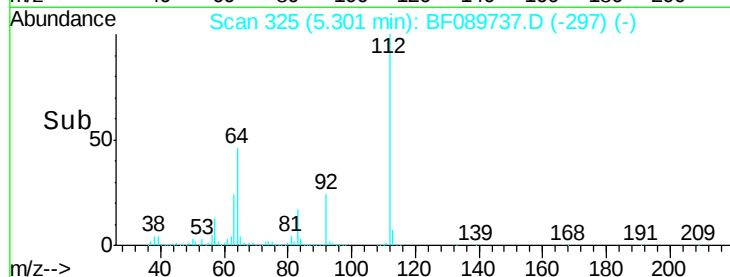
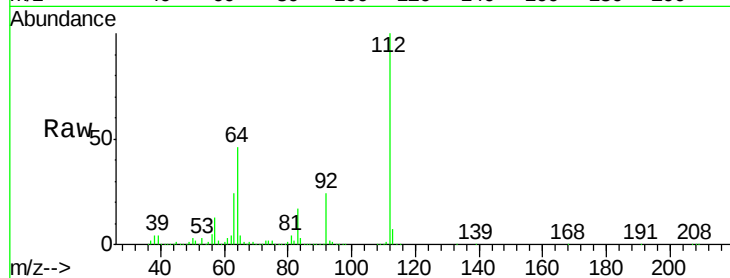
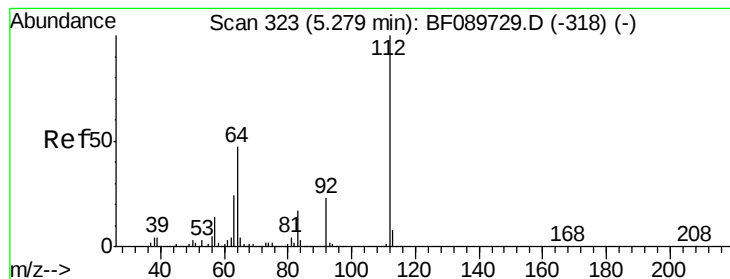


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.60 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.02 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.4	45.0	67.4
63	23.7	23.1	34.7

Instrument :

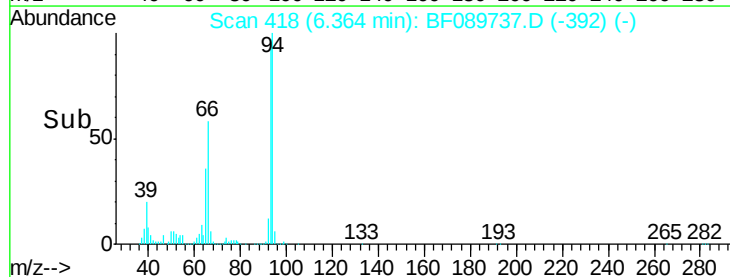
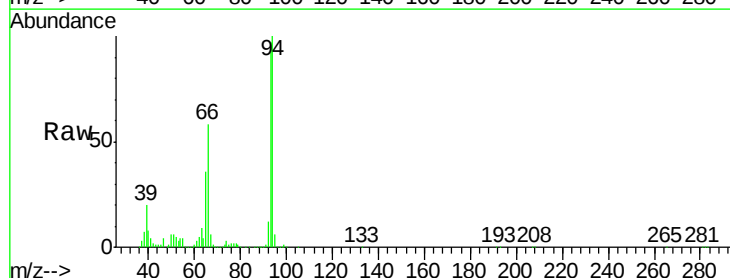
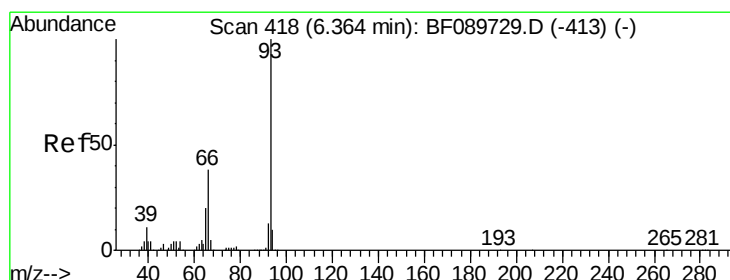
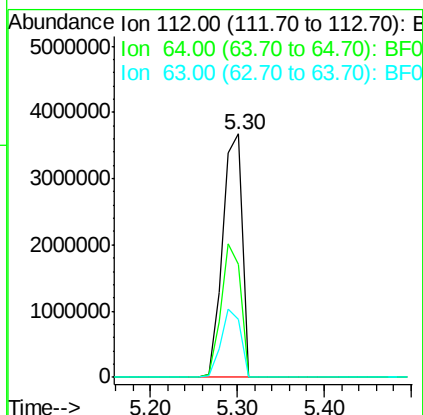
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 24.06 ng

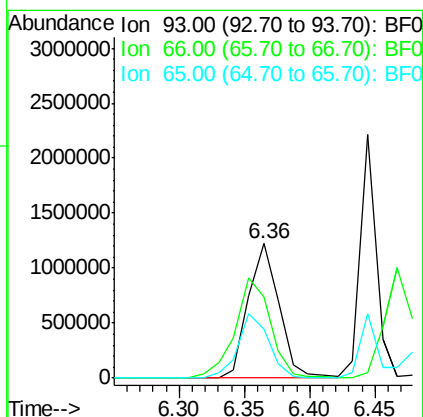
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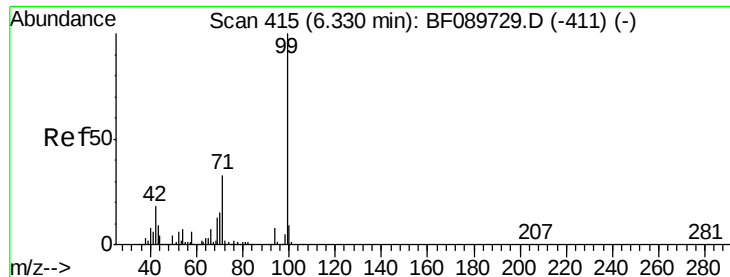
Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
93	100		
66	59.9	30.6	46.0#
65	36.8	15.4	23.2#





#7

Phenol-d6

Concen: 110.99 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion: 99 Resp: 6979449

Ion Ratio Lower Upper

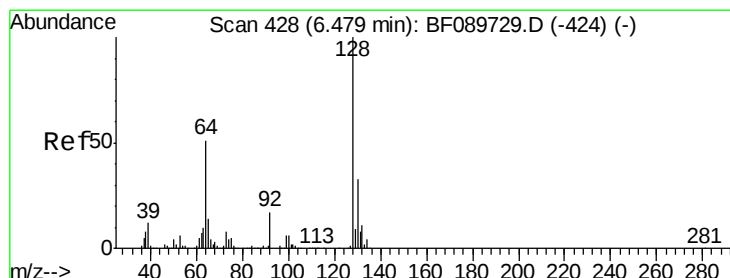
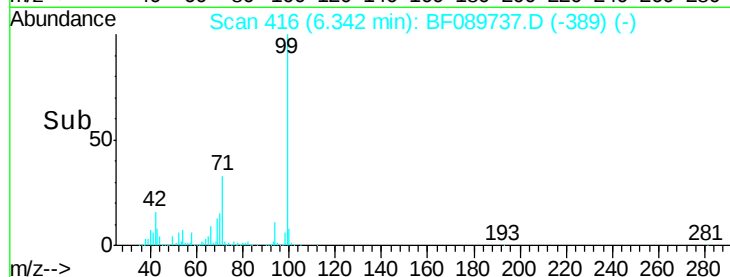
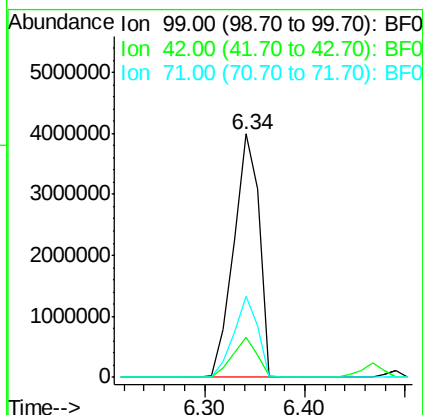
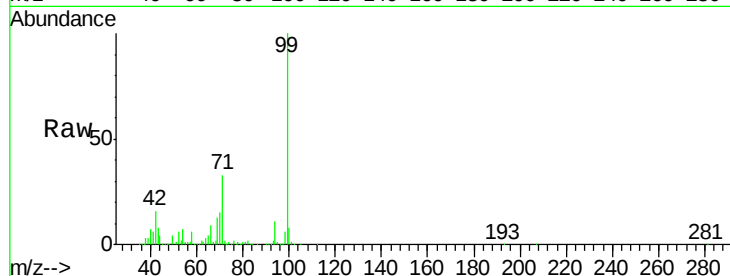
99 100

42 16.2 12.2 18.4

71 33.2 23.8 35.8

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#8

2-Chlorophenol

Concen: 39.97 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

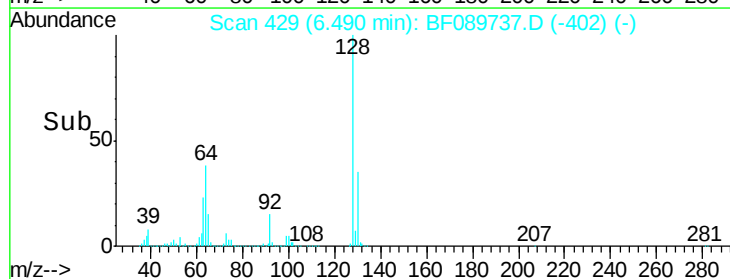
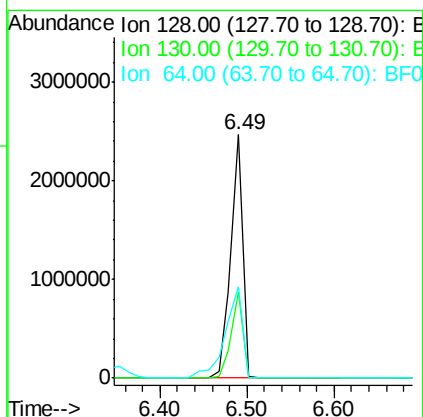
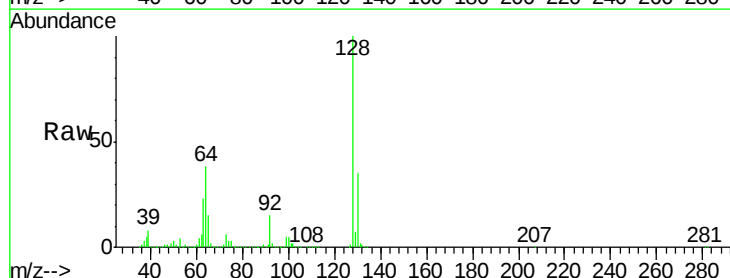
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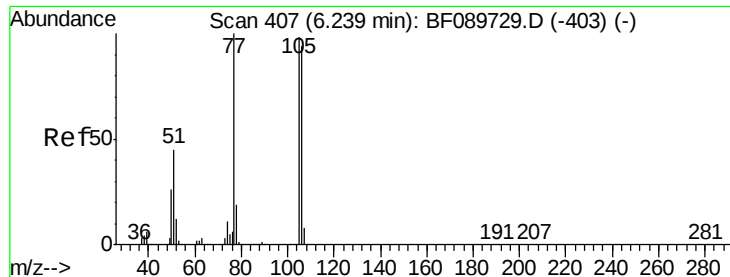
Ion Ratio Lower Upper

128 100

130 35.4 12.0 52.0

64 37.6 35.1 75.1





#9

Benzaldehyde

Concen: 6.57 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

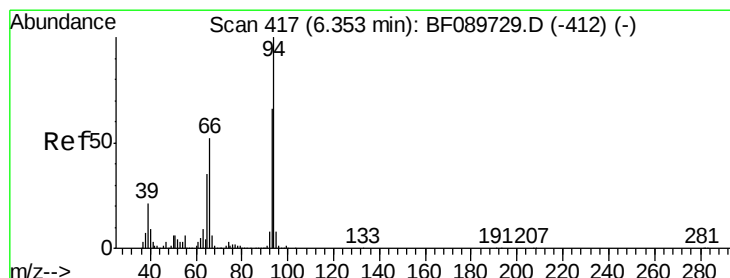
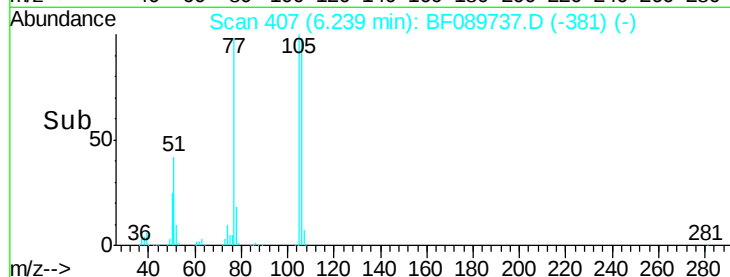
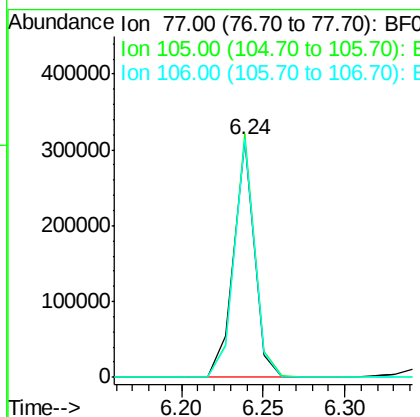
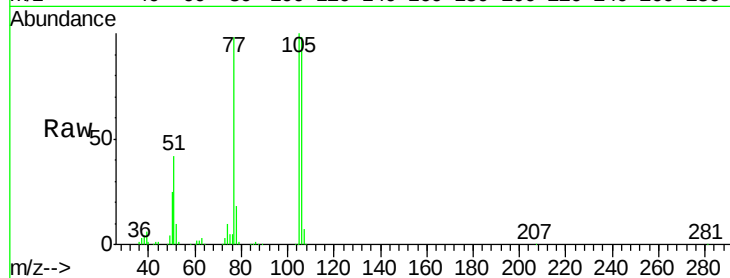
ClientSampleId :

PB92806BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	102.5	73.3	113.3
106	100.3	68.6	108.6

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#10

Phenol

Concen: 30.42 ng

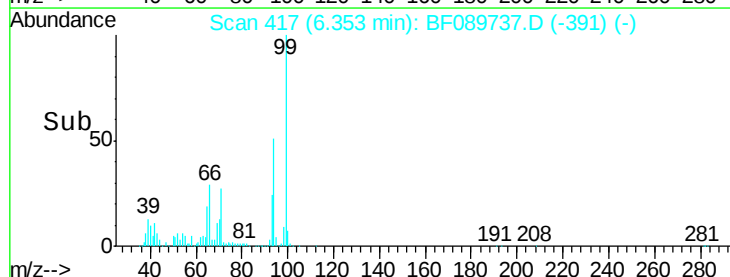
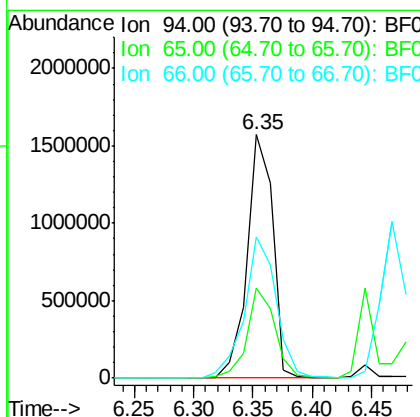
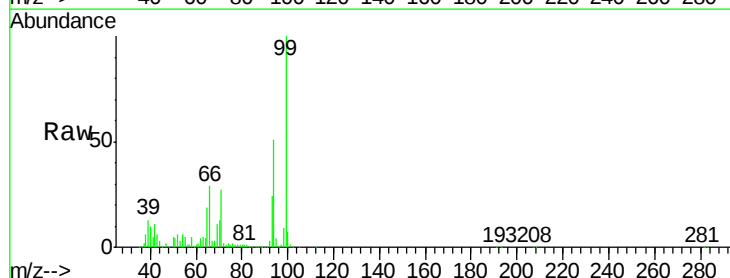
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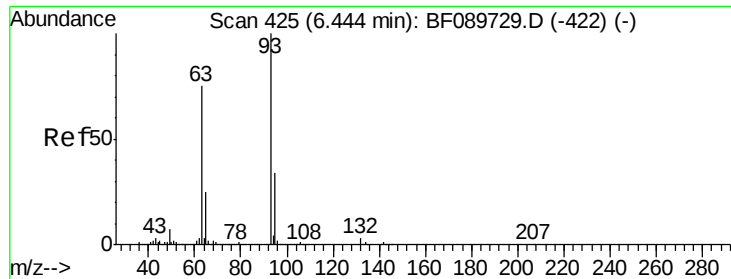
Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.1	14.0	54.0
66	57.8	31.2	71.2





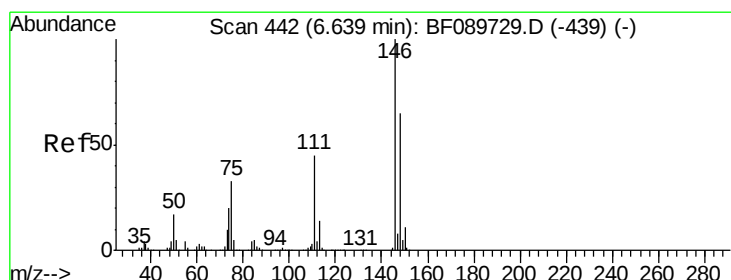
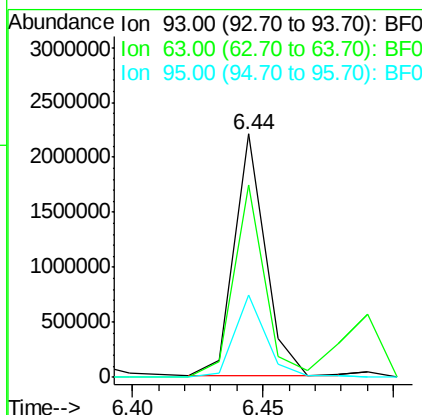
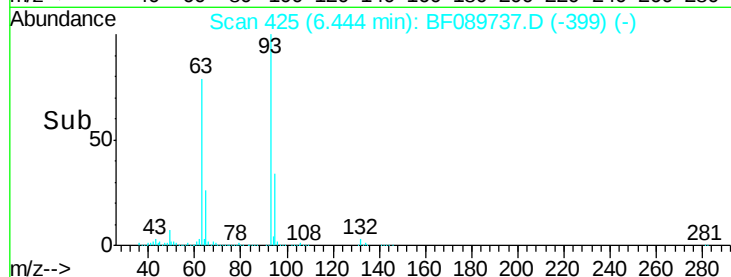
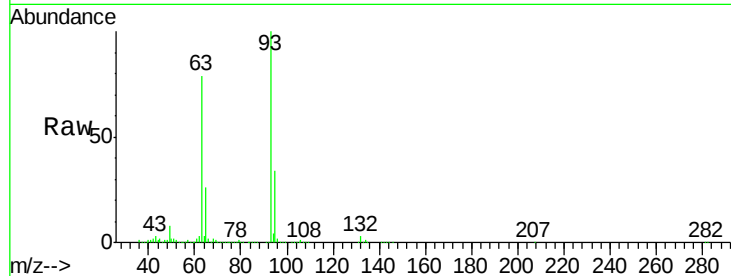
#11
bis(2-Chloroethyl)ether
Concen: 31.73 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Instrument :
BNA_F
ClientSampled :
PB92806BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.1	55.8	95.8
95	33.8	13.0	53.0

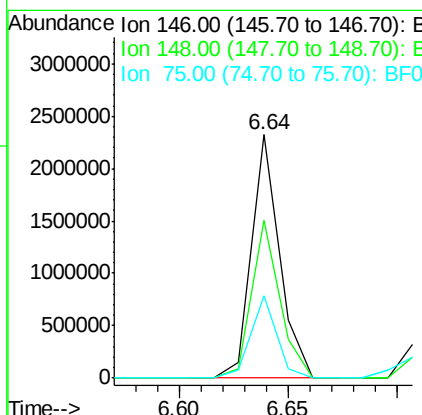
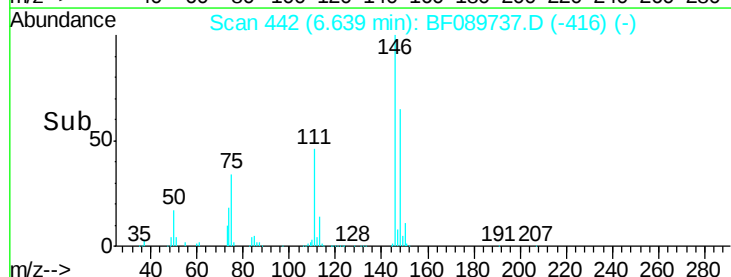
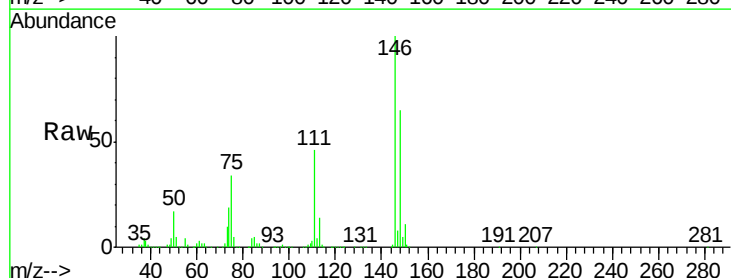
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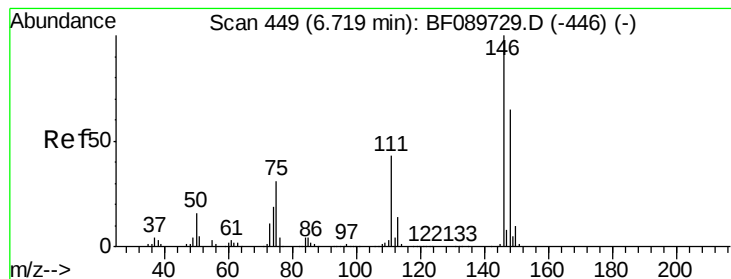
umangi
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#12
1,3-Dichlorobenzene
Concen: 32.93 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.4
75	33.9	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 34.96 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:146 Resp: 2226343

Ion Ratio Lower Upper

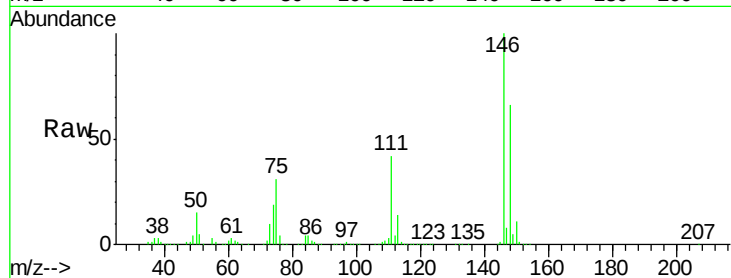
146 100

148 65.5 51.0 76.6

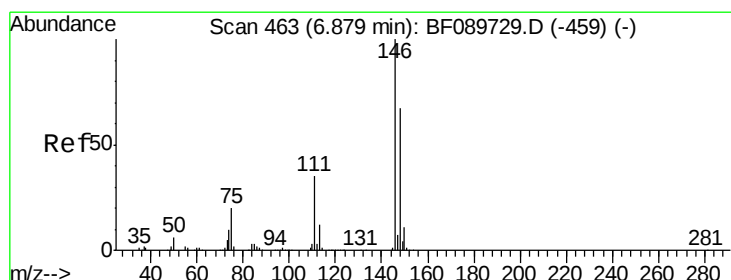
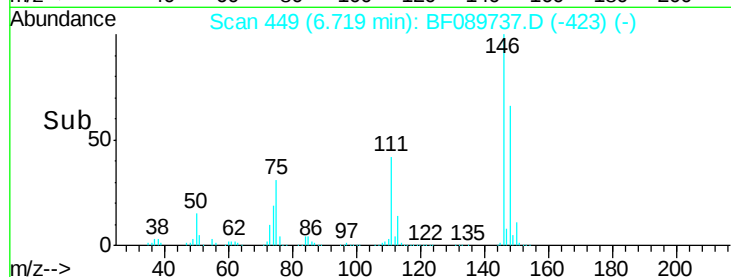
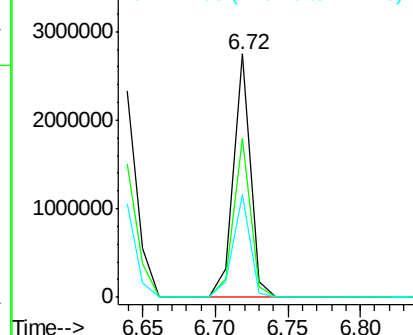
111 42.2 34.6 52.0

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



#14

1,2-Dichlorobenzene

Concen: 34.56 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

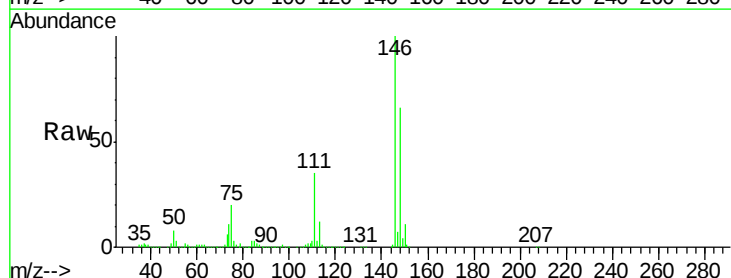
Tgt Ion:146 Resp: 2098224

Ion Ratio Lower Upper

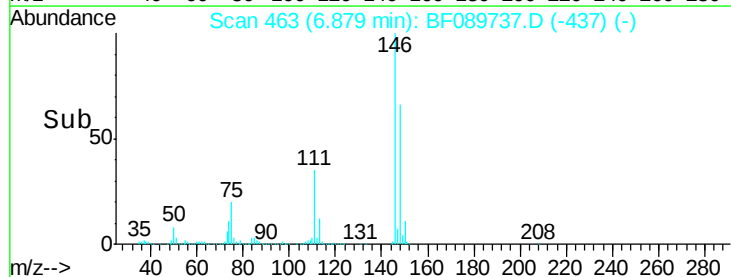
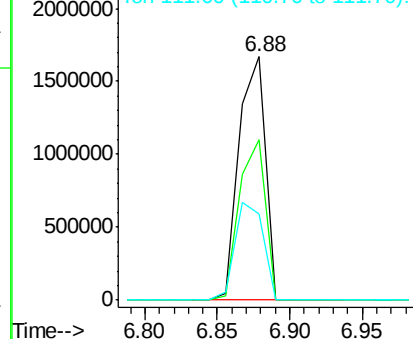
146 100

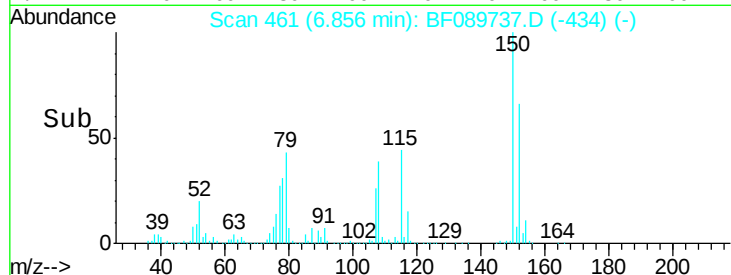
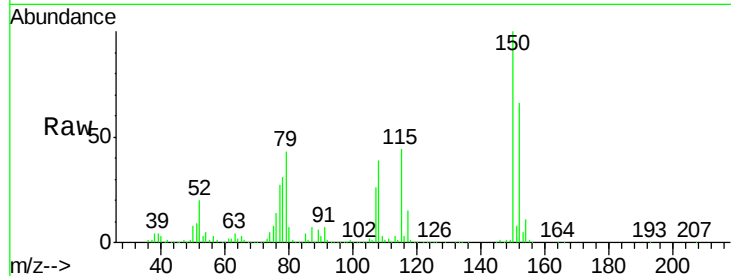
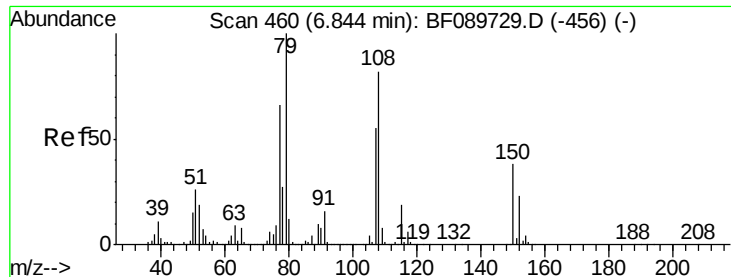
148 65.8 52.2 78.2

111 35.4 29.8 44.6



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





#15

Benzyl Alcohol

Concen: 42.01 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion: 79 Resp: 1765529

Ion Ratio Lower Upper

79 100

108 90.3 62.5 93.7

77 64.1 51.5 77.3

Instrument :

BNA_F

ClientSampleId :

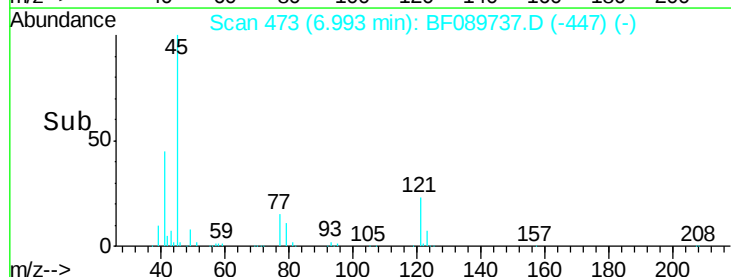
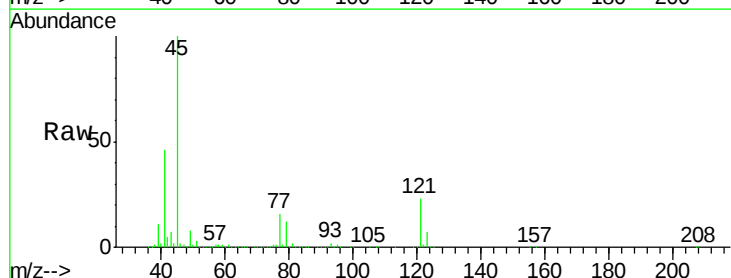
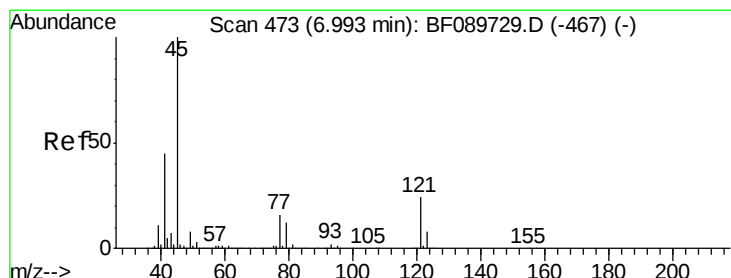
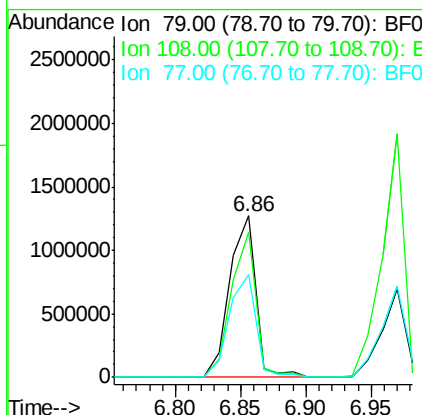
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.84 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

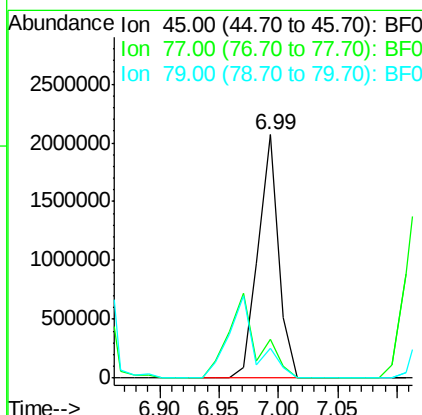
Tgt Ion: 45 Resp: 2498661

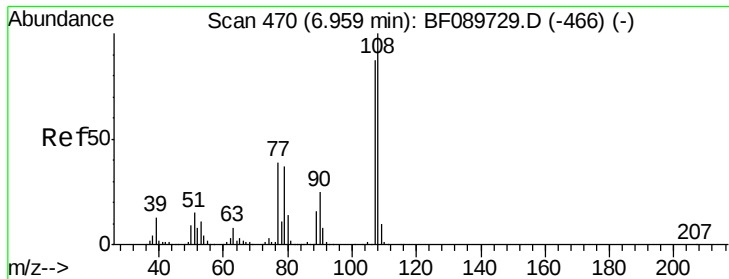
Ion Ratio Lower Upper

45 100

77 16.1 0.0 33.5

79 12.4 0.0 30.7





#17

2-Methylphenol

Concen: 42.17 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF089737.D

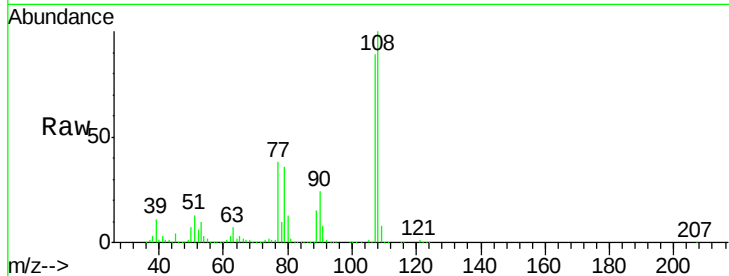
Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS



Tgt Ion:107 Resp: 1969952

Ion Ratio Lower Upper

107 100

108 112.8 91.0 136.4

77 42.5 37.4 56.0

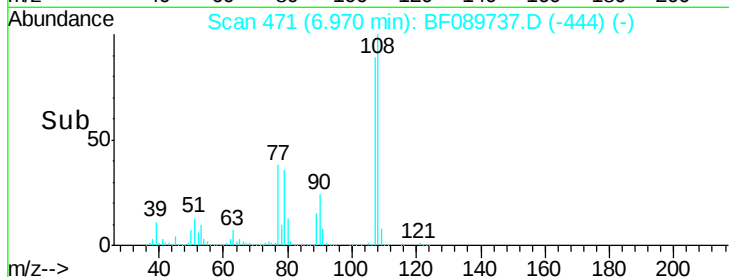
79 41.0 36.6 55.0

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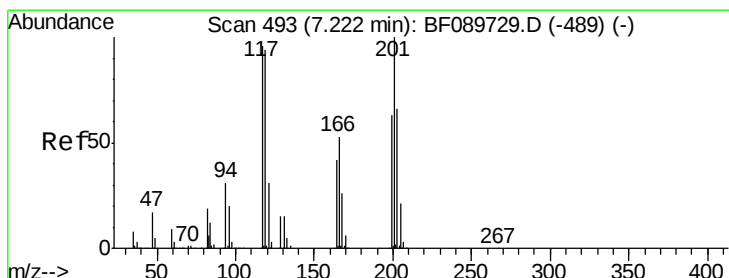
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 36.77 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

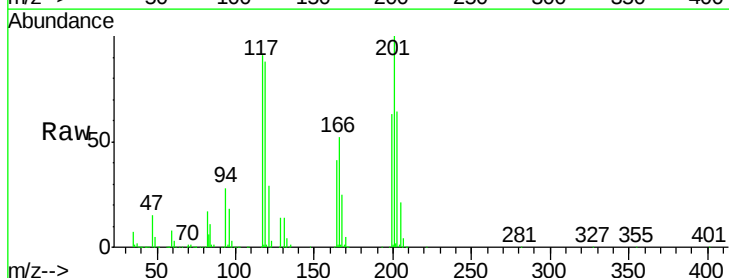
Tgt Ion:117 Resp: 858125

Ion Ratio Lower Upper

117 100

119 97.5 77.1 115.7

201 110.4 76.9 115.3

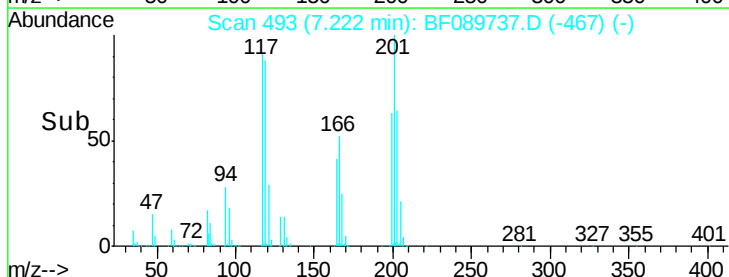


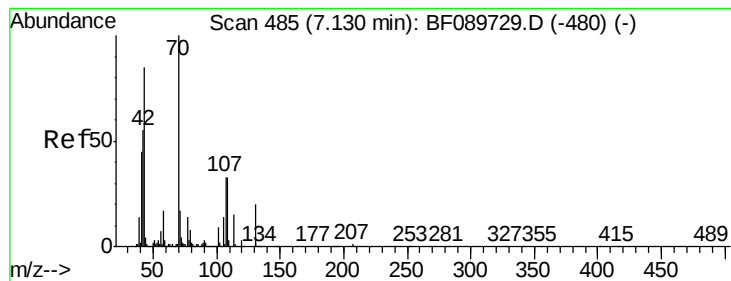
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 36.53 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion: 70 Resp: 1504326

Ion Ratio Lower Upper

70 100

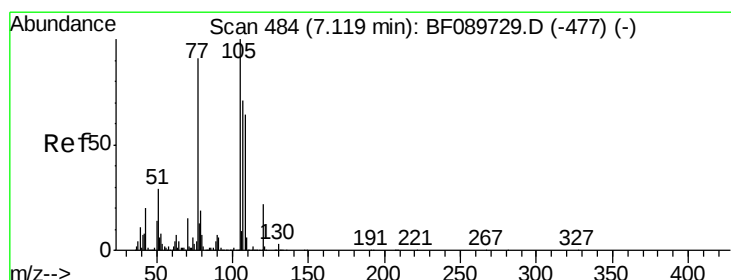
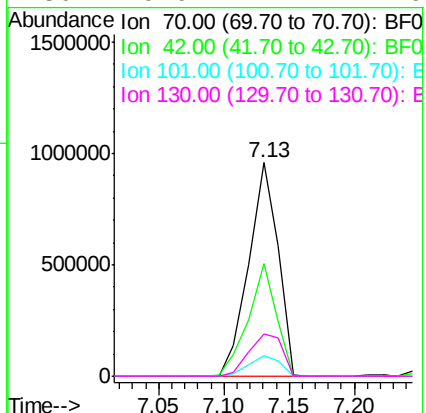
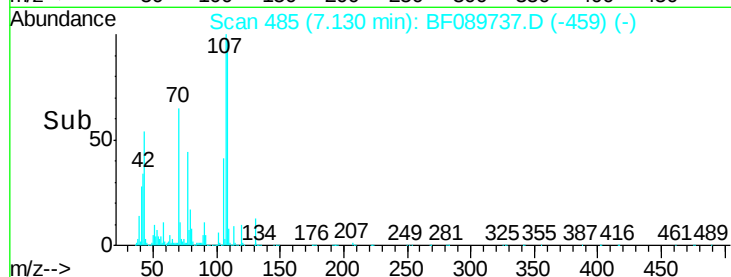
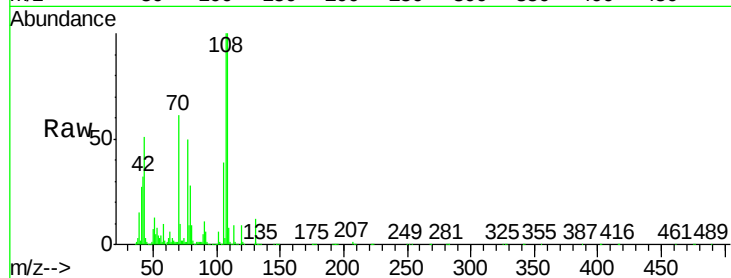
42 53.0 46.3 69.5

101 9.5 7.0 10.6

130 19.9 14.4 21.6

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#20

3+4-Methylphenols

Concen: 39.90 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion: 107 Resp: 2387139

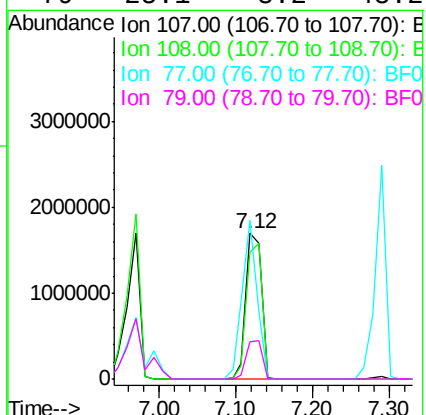
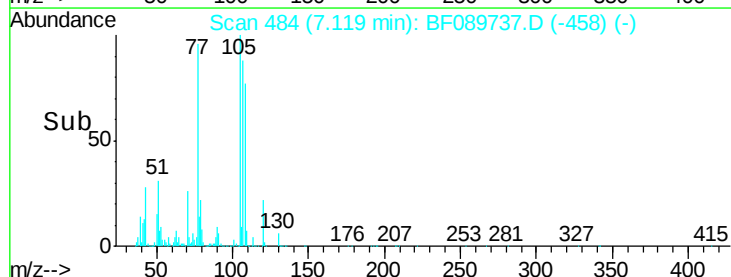
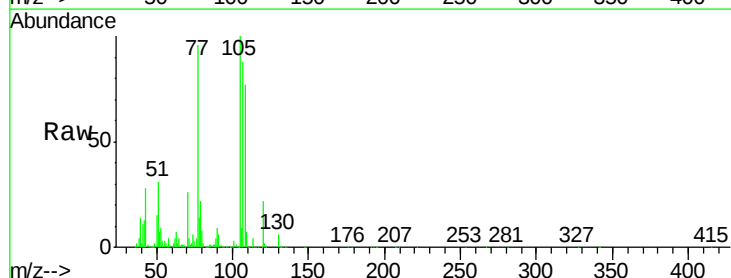
Ion Ratio Lower Upper

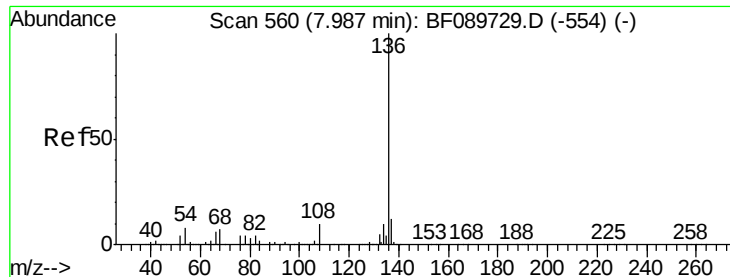
107 100

108 87.2 68.2 108.2

77 109.3 122.3 162.3#

79 25.1 8.2 48.2





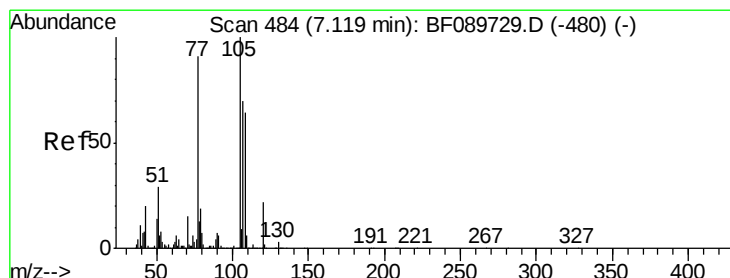
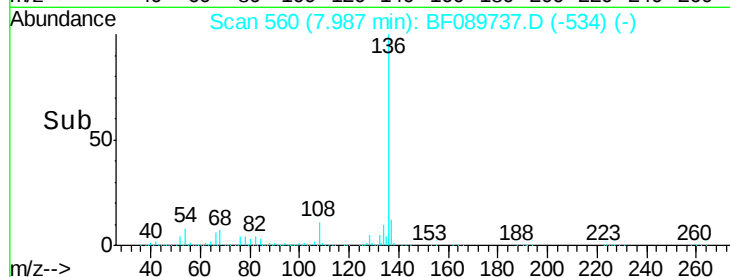
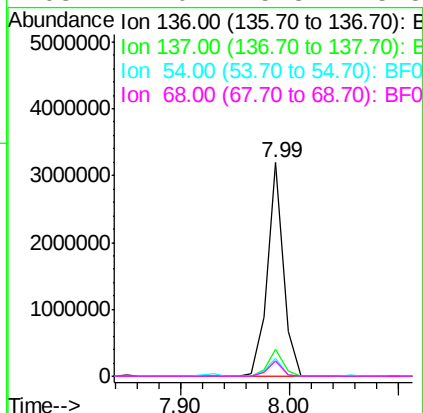
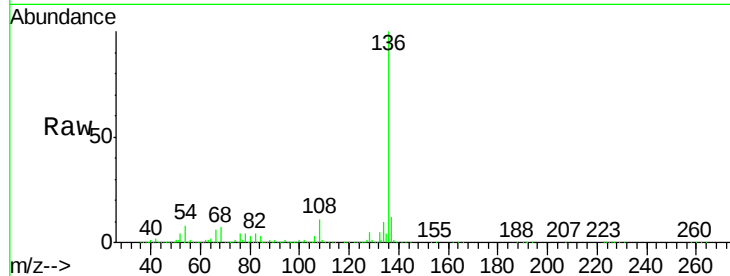
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Instrument :
BNA_F
ClientSampleId :
PB92806BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	3290989		
137	12.3		9.2	13.8
54	8.2		7.2	10.8
68	7.0		5.8	8.8

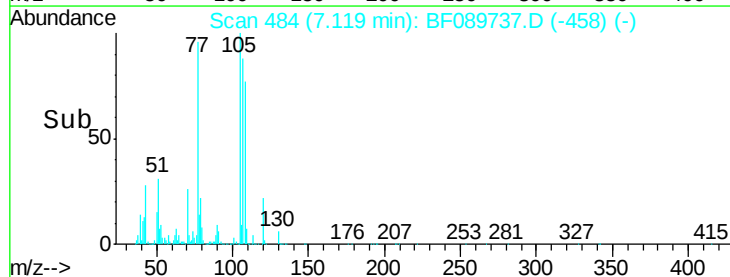
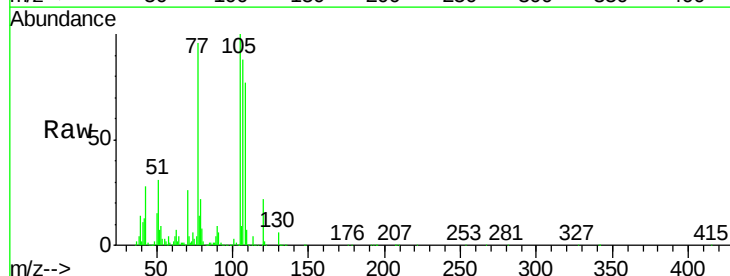
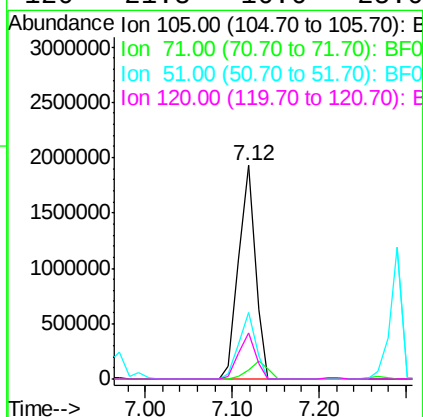
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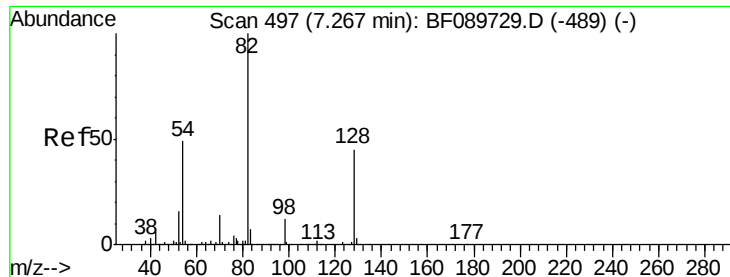
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#22
Acetophenone
Concen: 33.59 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2569496		
71	4.5		1.9	2.9#
51	31.0		28.5	42.7
120	21.8		16.6	25.0





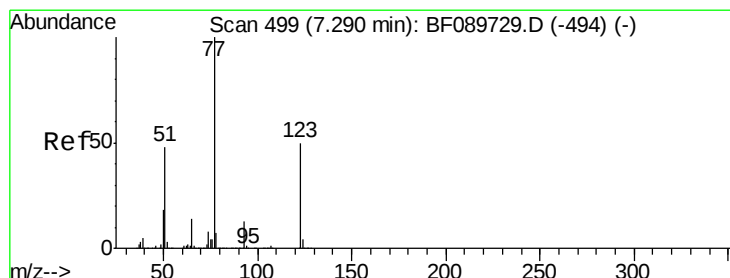
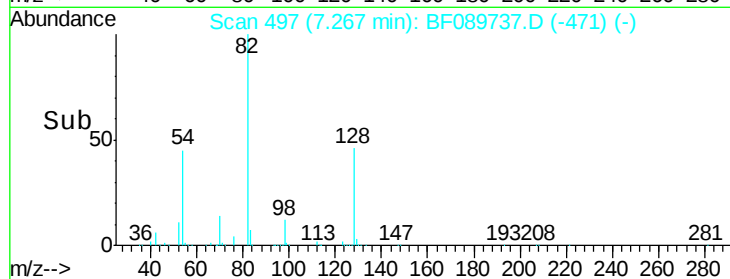
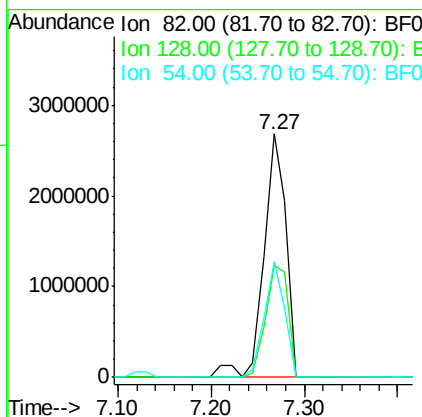
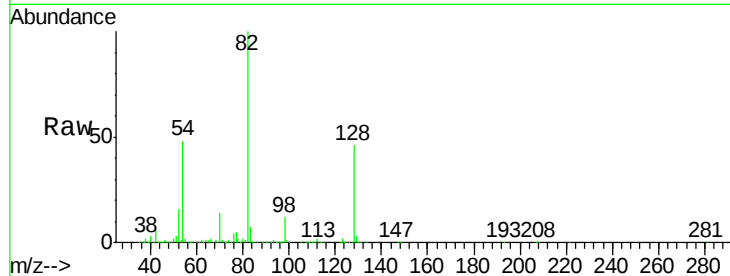
#23
 Nitrobenzene-d5
 Concen: 81.51 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.4	51.6
54	47.6	40.3	60.5

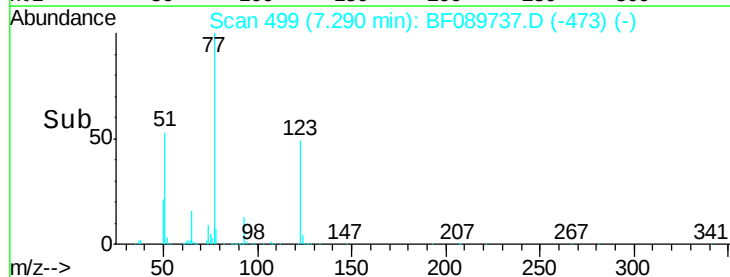
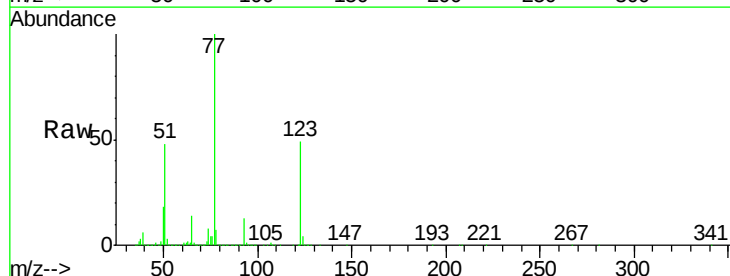
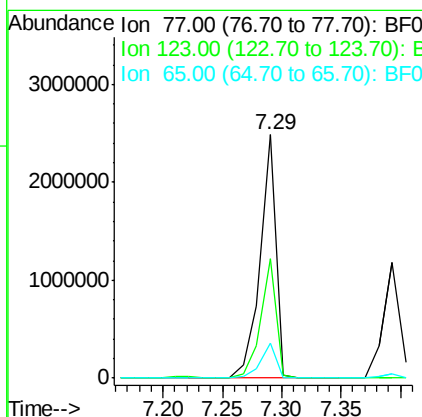
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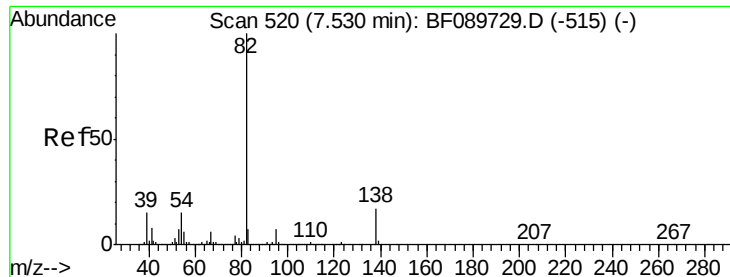
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#24
 Nitrobenzene
 Concen: 38.51 ng
 RT: 7.29 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	36.2	54.2
65	14.2	10.6	15.8





#25

Isophorone

Concen: 39.94 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

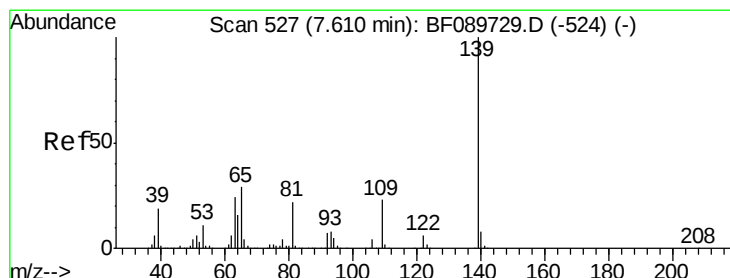
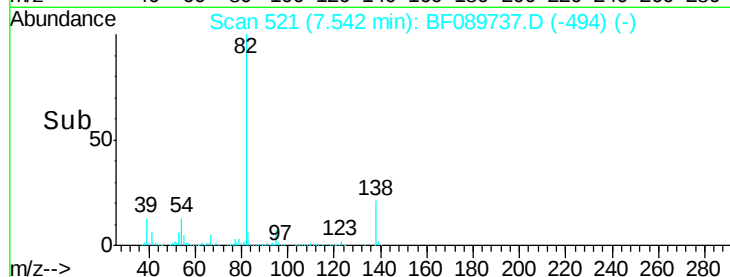
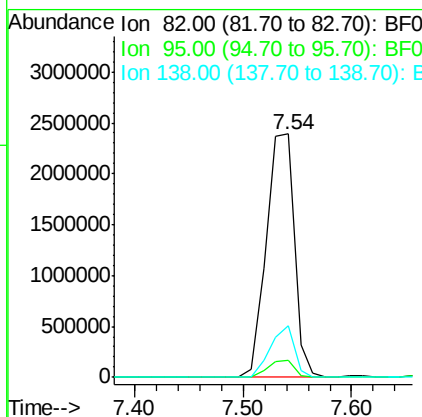
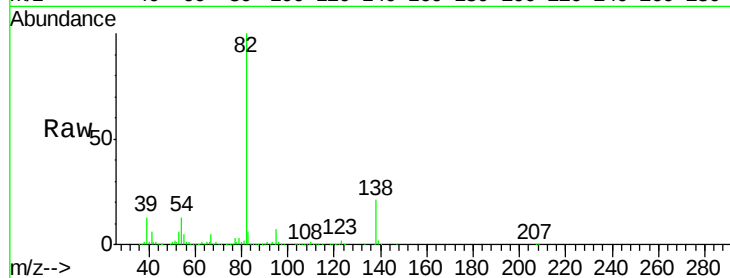
PB92806BS

Tgt Ion: 82 Resp: 4306527

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.3	7.9
138	21.4	13.0	19.4

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#26

2-Nitrophenol

Concen: 42.80 ng

RT: 7.61 min Scan# 527

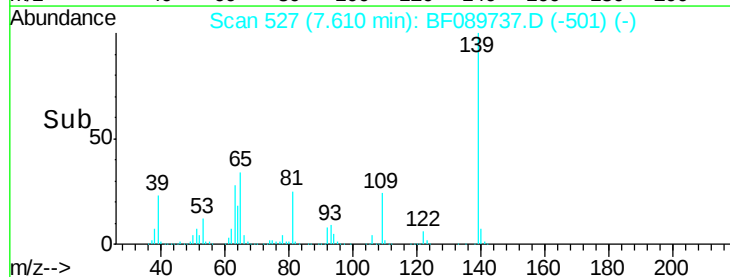
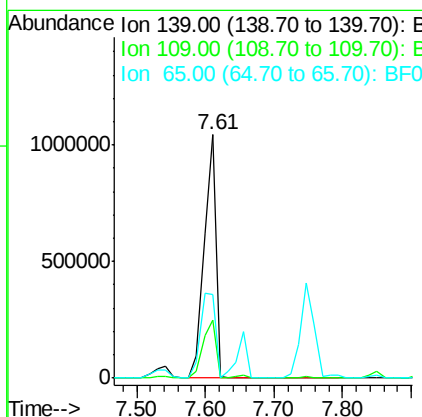
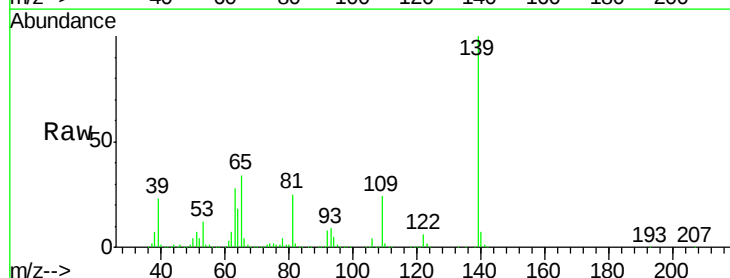
Delta R.T. 0.00 min

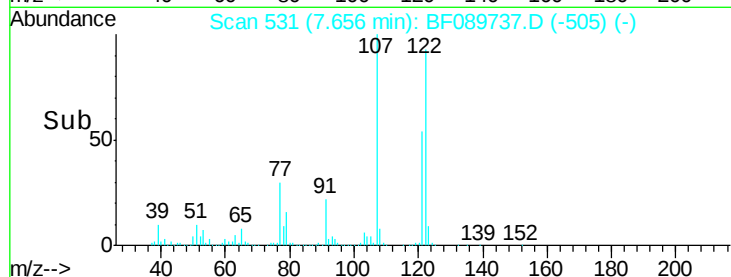
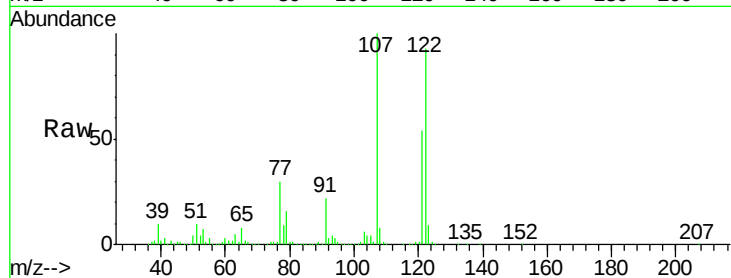
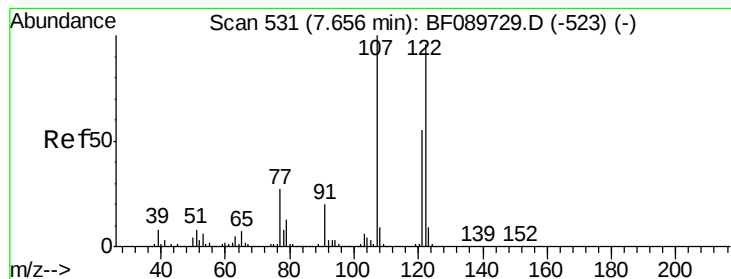
Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion: 139 Resp: 1221026

Ion	Ratio	Lower	Upper
139	100		
109	24.1	19.5	29.3
65	34.2	26.5	39.7





#27

2,4-Dimethylphenol

Concen: 41.83 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.7	84.8	127.2
121	57.8	47.0	70.6

Instrument :

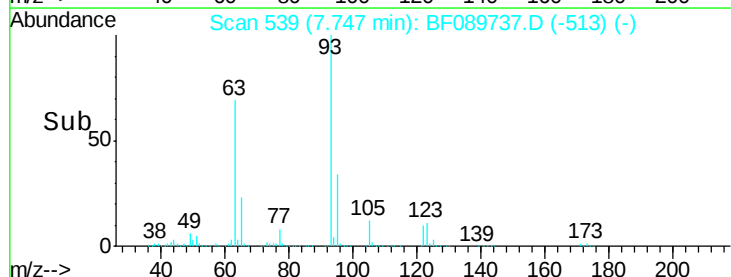
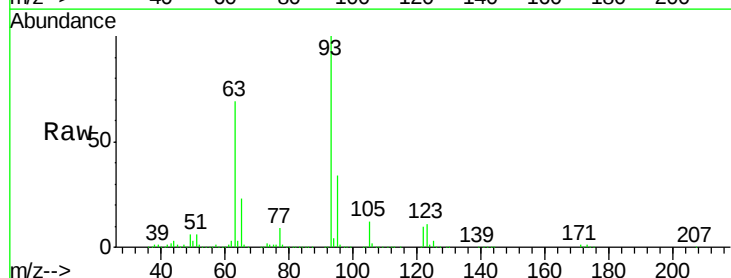
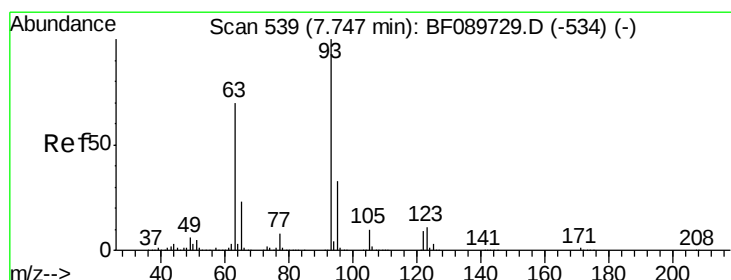
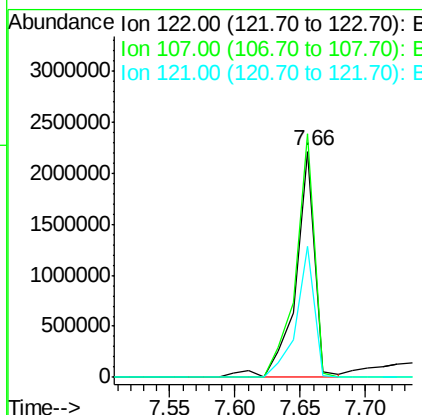
BNA_F

ClientSampleId :

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#28

bis(2-Chloroethoxy)methane

Concen: 40.14 ng

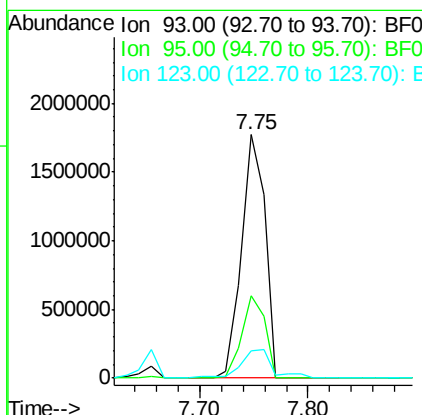
RT: 7.75 min Scan# 539

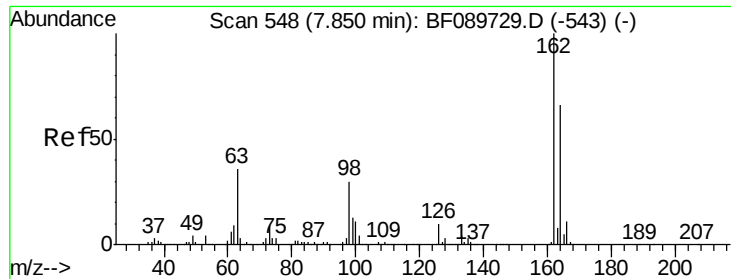
Delta R.T. 0.00 min

Lab File: BF089737.D

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Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.5	38.3
123	11.3	8.5	12.7





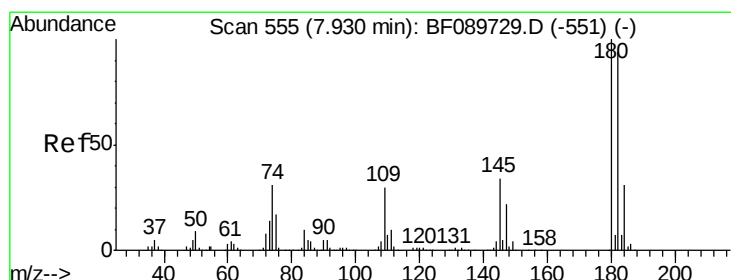
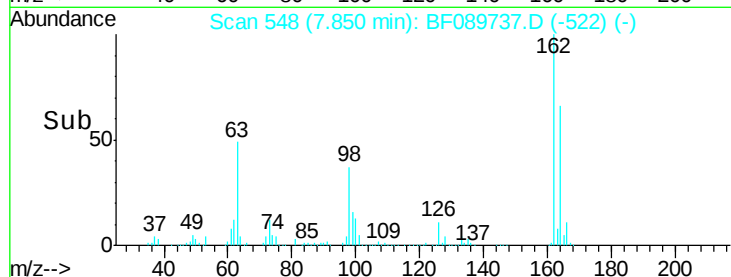
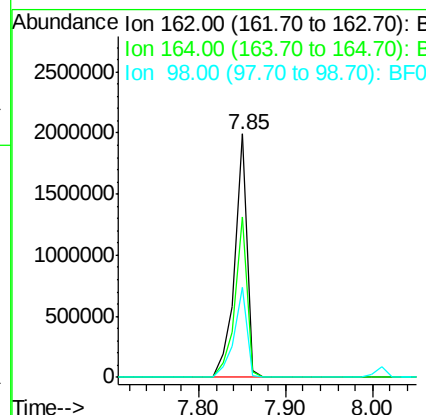
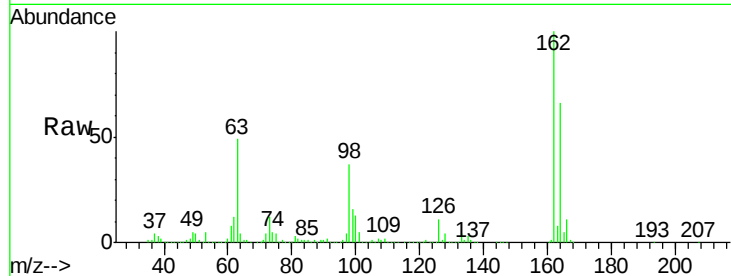
#29
 2,4-Dichlorophenol
 Concen: 43.16 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.5	85.5
98	37.1	12.4	52.4

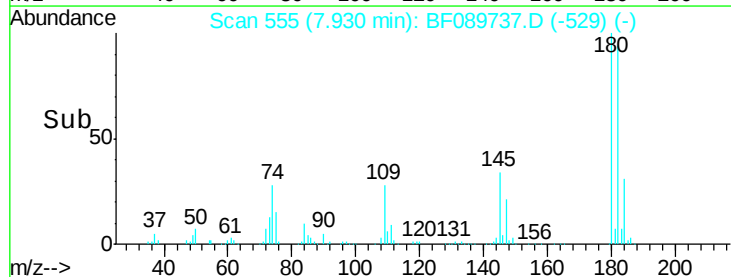
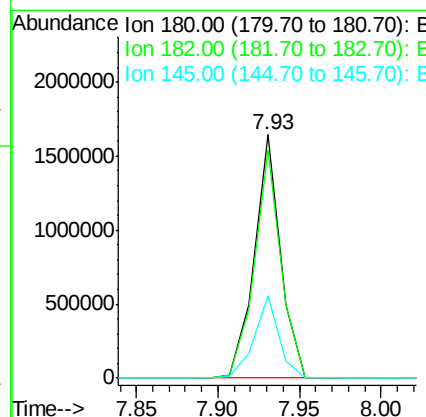
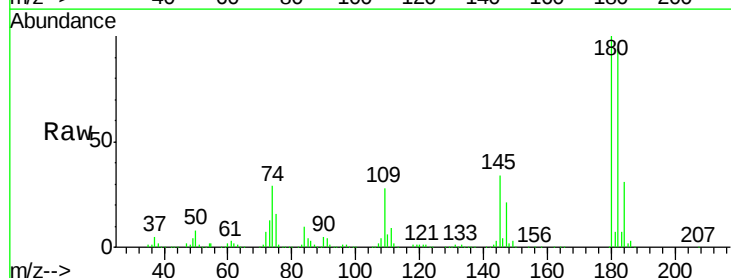
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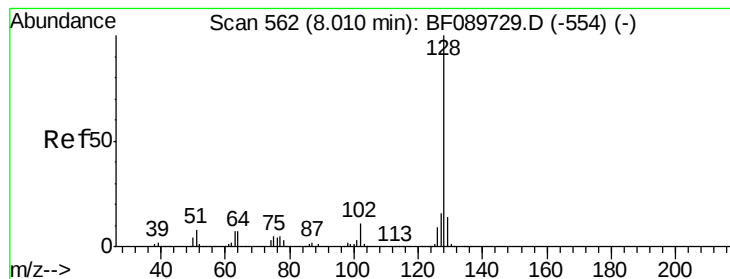
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.72 ng
 RT: 7.93 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.5	113.3
145	33.8	28.7	43.1





#31

Naphthalene

Concen: 36.82 ng

RT: 8.01 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:128 Resp: 5438624

Ion Ratio Lower Upper

128 100

129 13.9 9.5 14.3

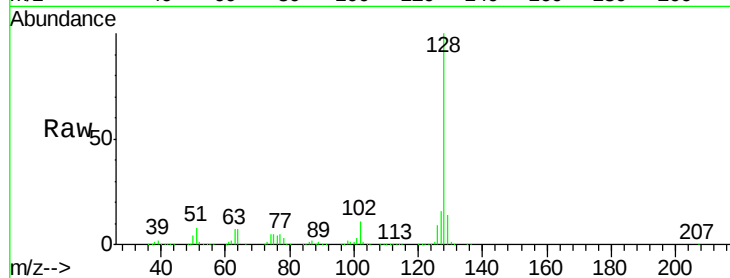
127 16.2 11.3 16.9

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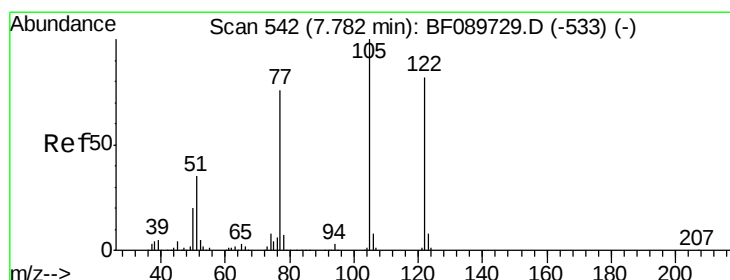
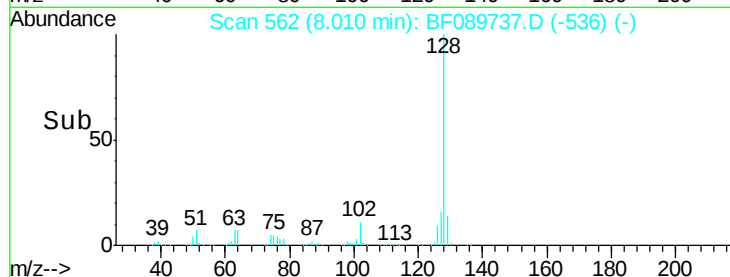
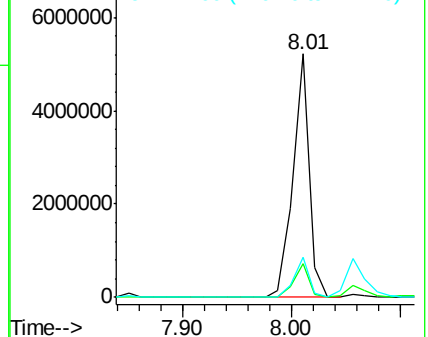
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.73 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

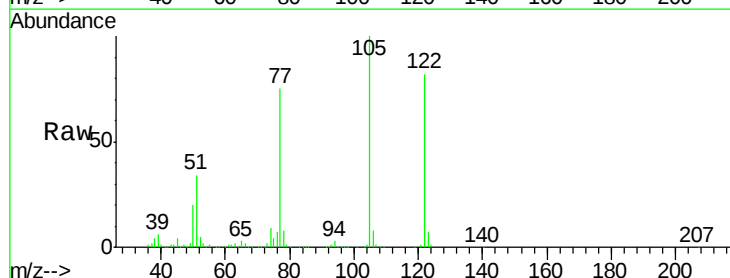
Tgt Ion:122 Resp: 1333774

Ion Ratio Lower Upper

122 100

105 121.7 100.8 140.8

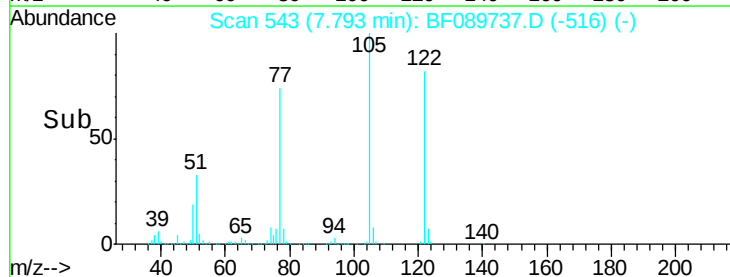
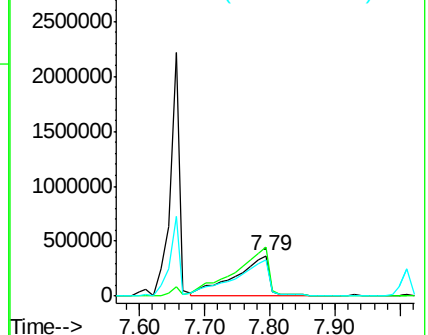
77 91.4 72.1 112.1

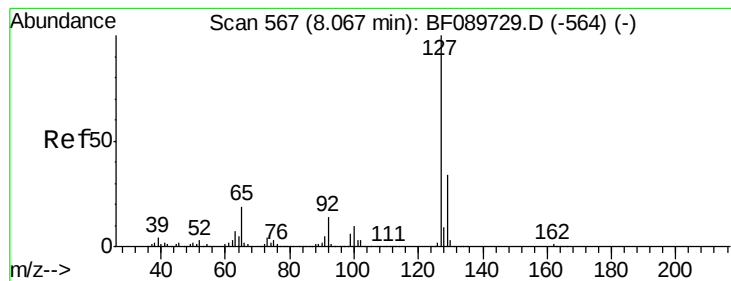


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





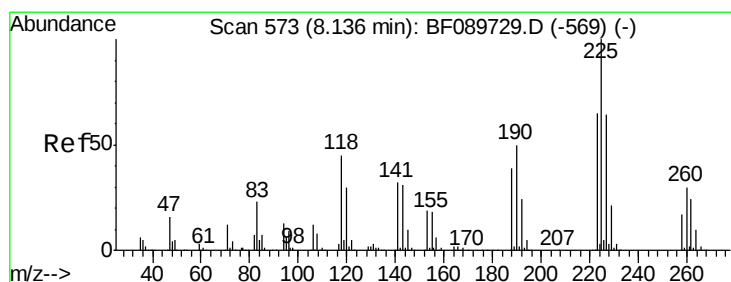
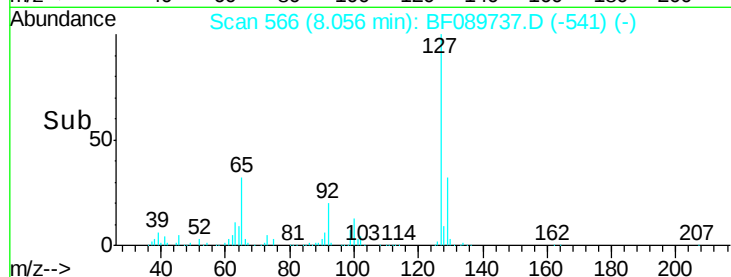
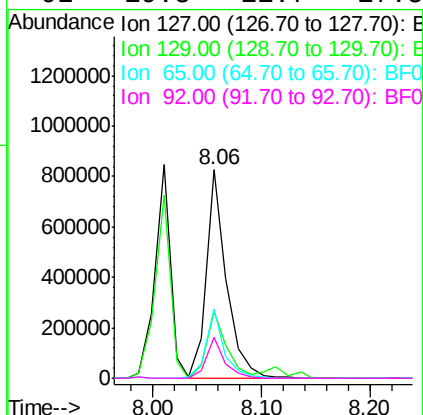
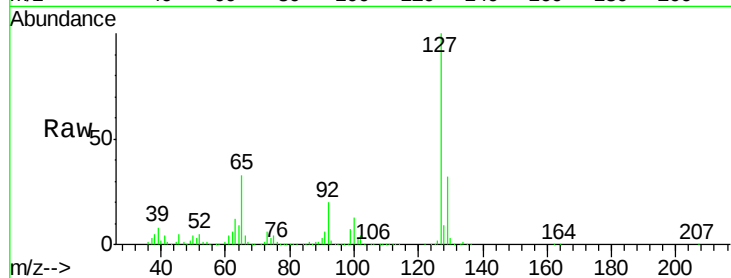
#33
4-Chloroaniline
Concen: 15.61 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Instrument :
BNA_F
ClientSampleId :
PB92806BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.0	40.6
65	33.3	14.7	22.1#
92	19.8	11.7	17.5#

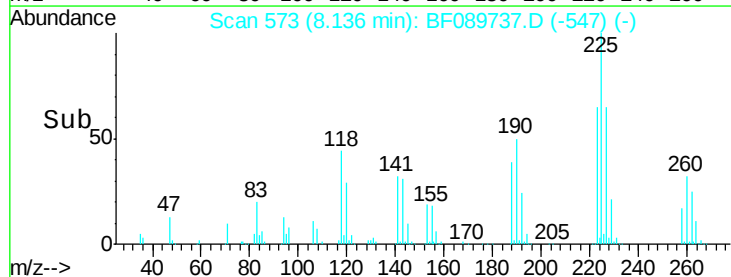
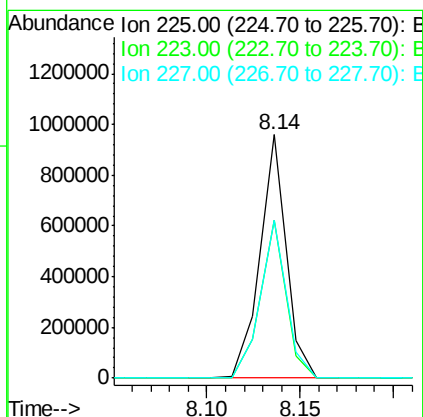
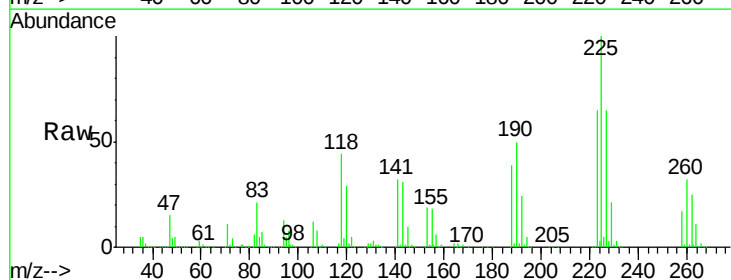
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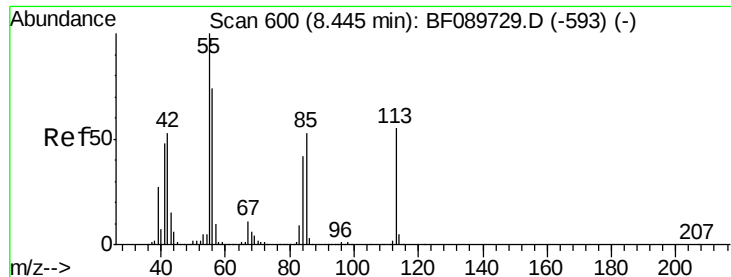
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#34
Hexachlorobutadiene
Concen: 36.69 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.0	76.6
227	64.7	49.8	74.6





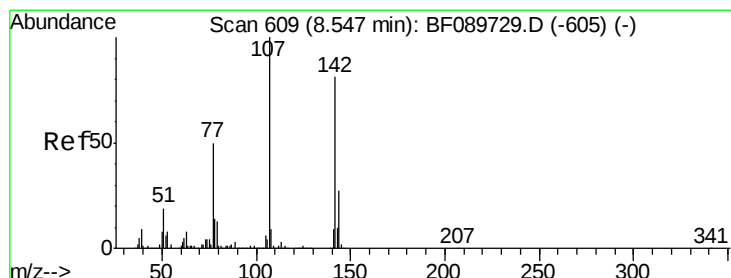
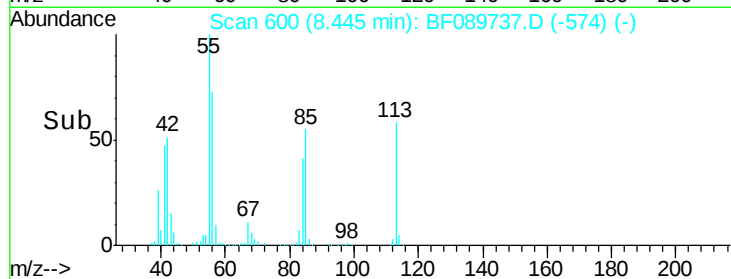
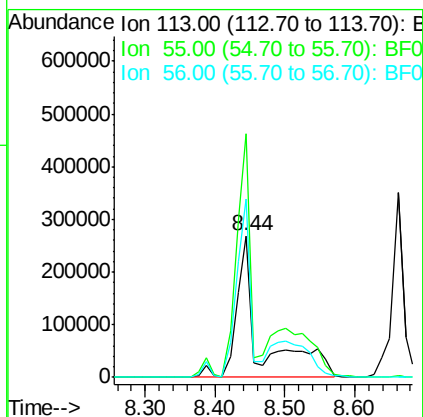
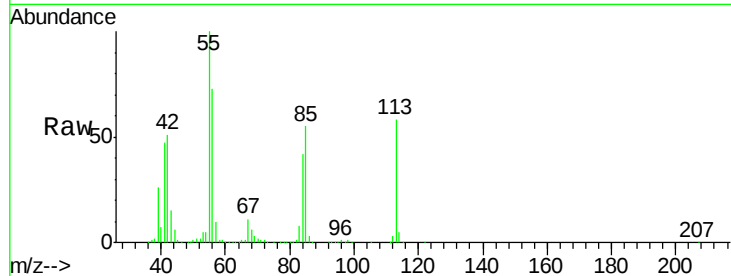
#35
 Caprolactam
 Concen: 45.97 ng m
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	172.2	135.9	175.9
56	126.1	93.9	133.9

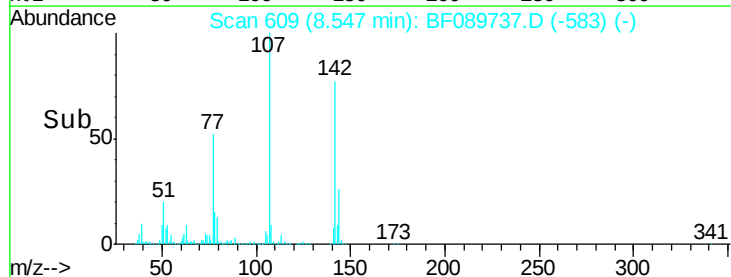
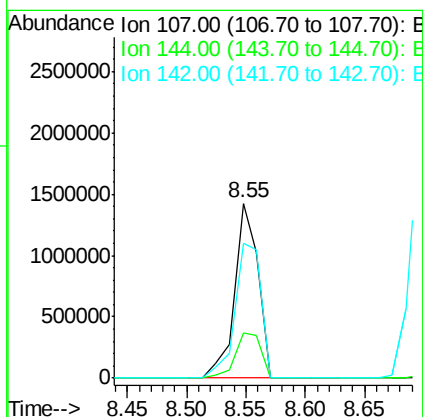
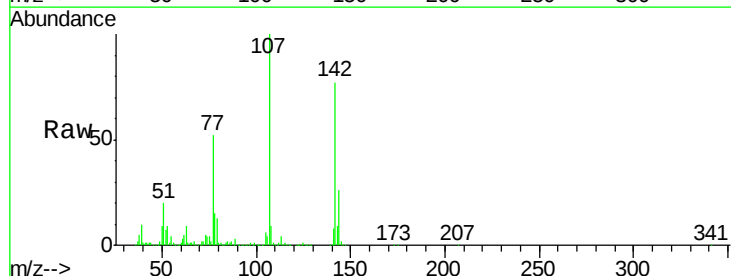
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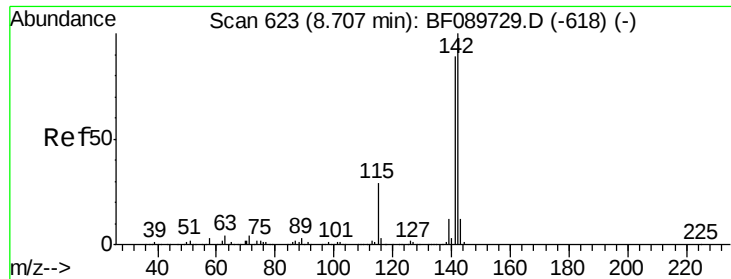
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#36
 4-Chloro-3-methylphenol
 Concen: 39.96 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	22.6	34.0
142	77.2	69.3	103.9





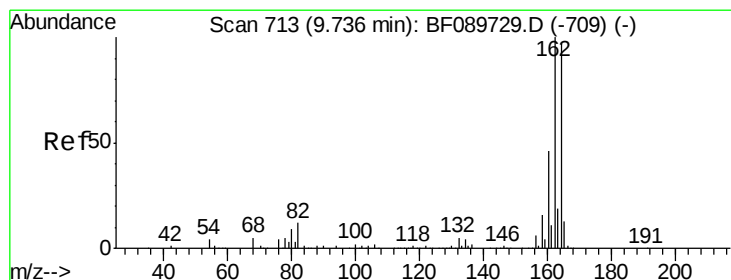
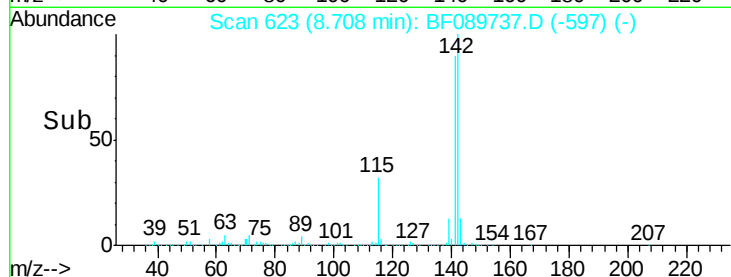
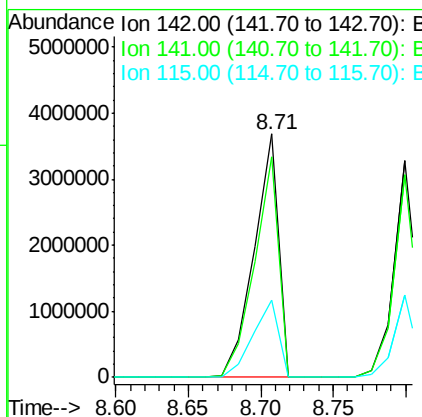
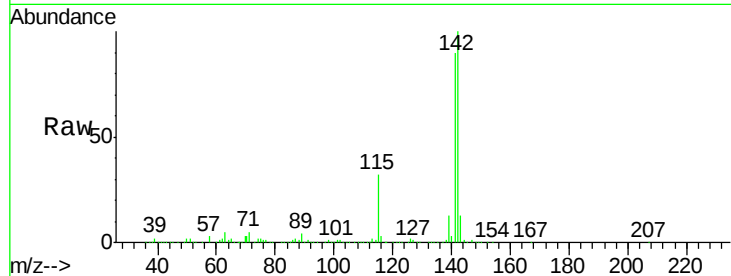
#37
 2-Methylnaphthalene
 Concen: 42.81 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion:142 Resp: 4304936
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.4 107.2
 115 31.8 22.7 34.1

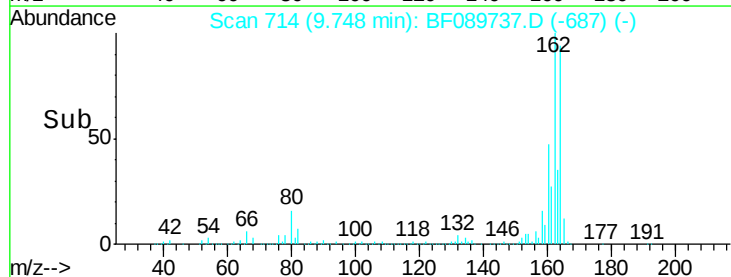
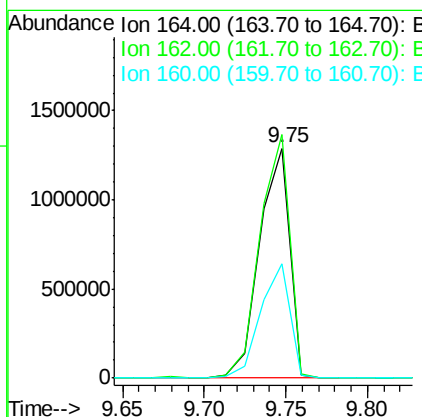
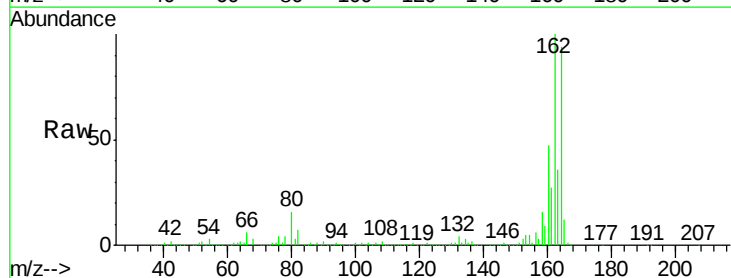
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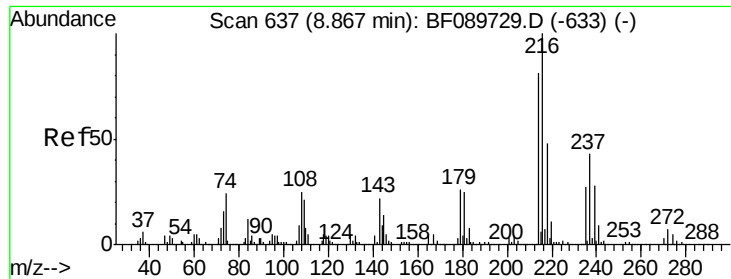
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion:164 Resp: 1649954
 Ion Ratio Lower Upper
 164 100
 162 106.1 81.4 122.2
 160 50.1 37.8 56.6





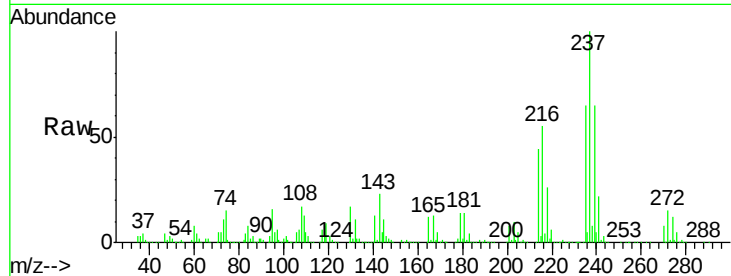
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.00 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

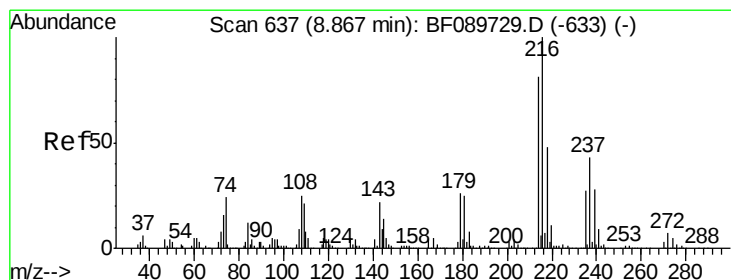
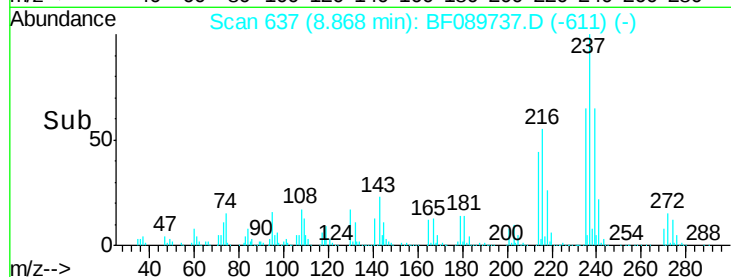
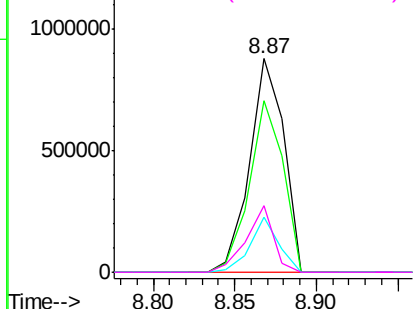
Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	21.8	19.9	29.9
108	25.1	19.9	29.9

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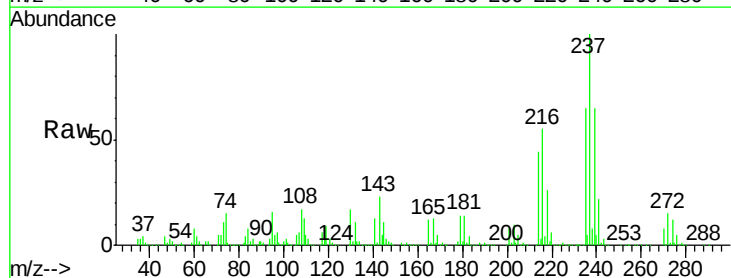


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

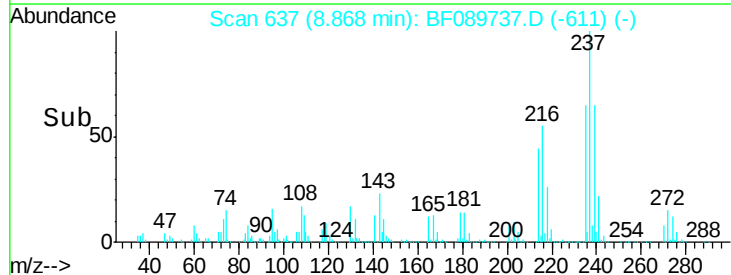
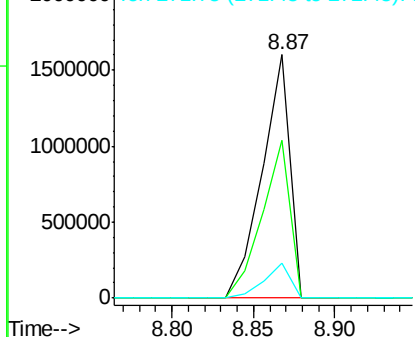


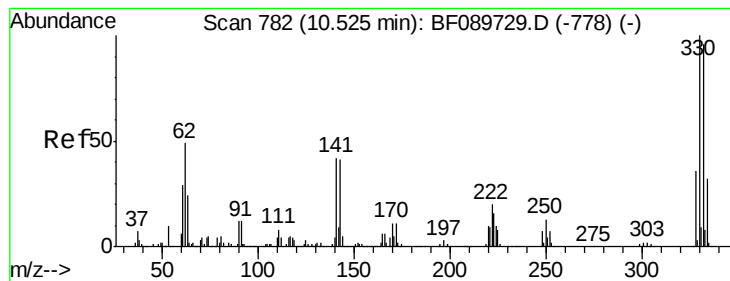
#40
 Hexachlorocyclopentadiene
 Concen: 80.60 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.6	43.7	83.7
272	14.6	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





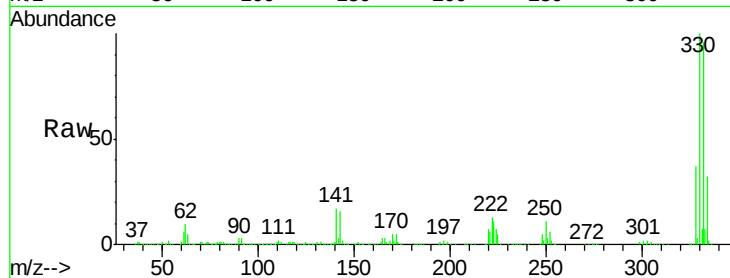
#41
 2,4,6-Tribromophenol
 Concen: 117.93 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

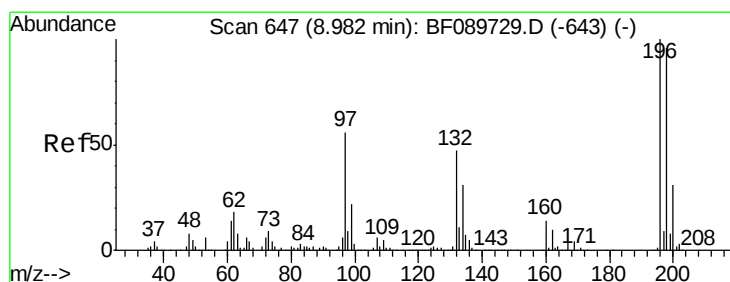
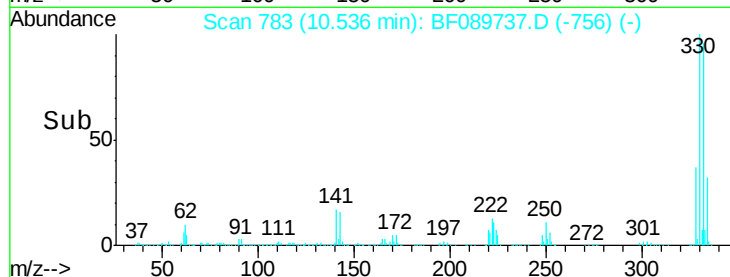
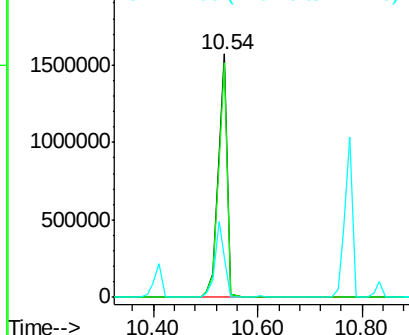
Tgt Ion:330 Resp: 1882418
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 33.0 30.2 45.2

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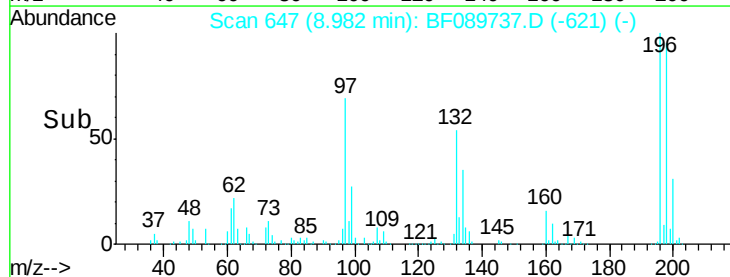
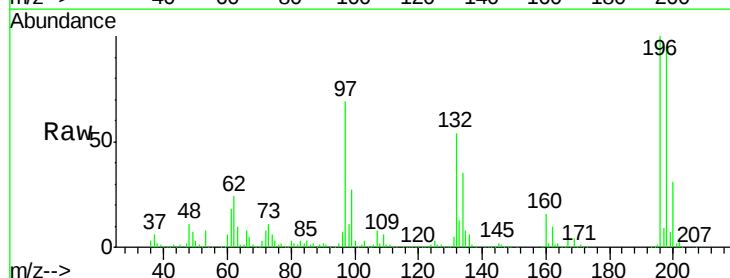
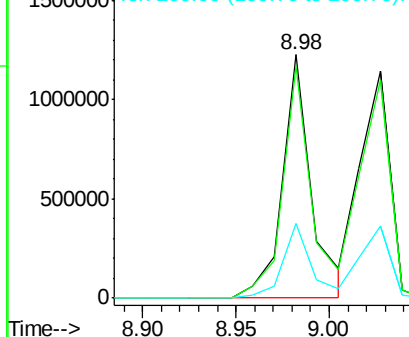
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

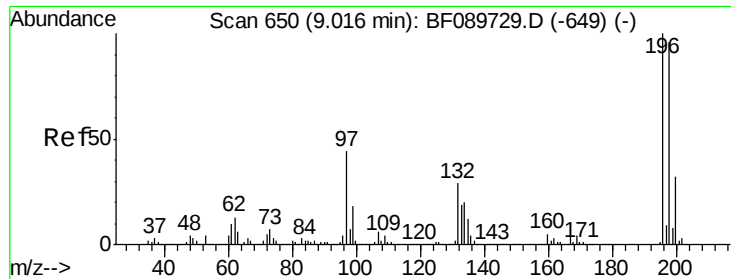


#42
 2,4,6-Trichlorophenol
 Concen: 38.64 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion:196 Resp: 1324010
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 200 30.9 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





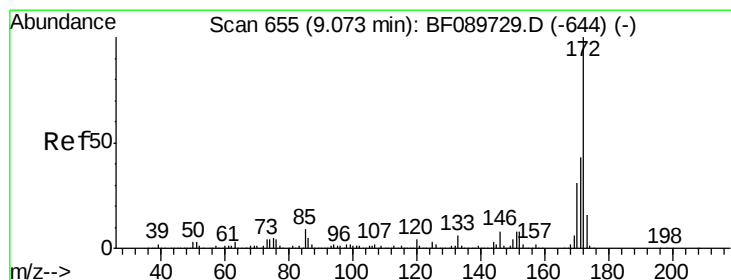
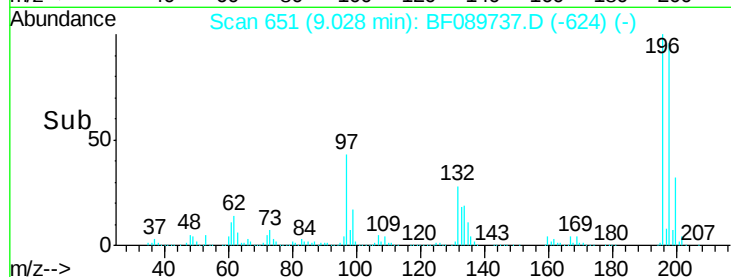
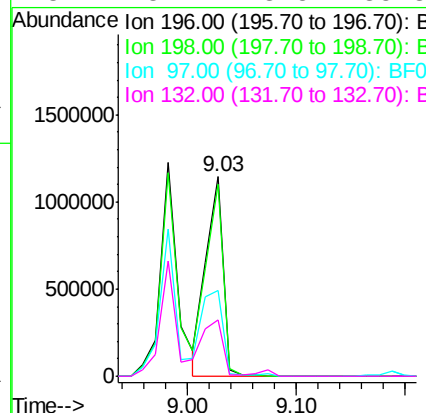
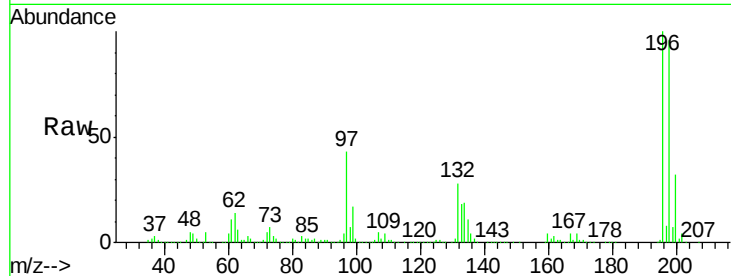
#43
 2,4,5-Trichlorophenol
 Concen: 38.94 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.01 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.6	114.8
97	42.8	35.8	53.8
132	28.2	23.5	35.3

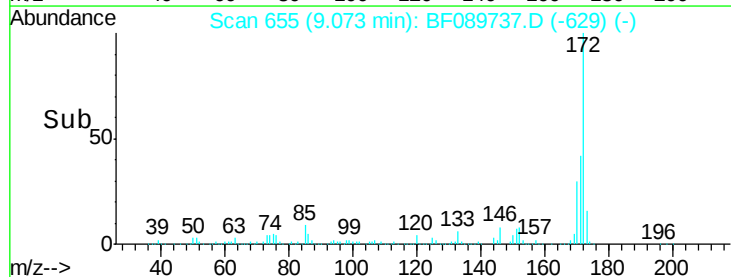
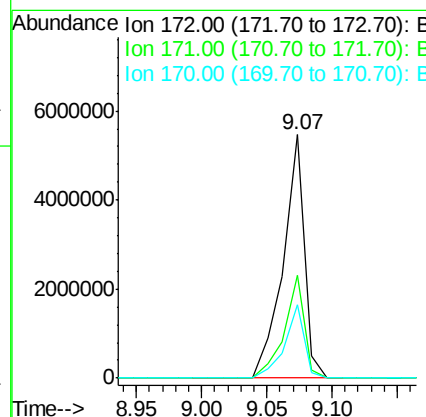
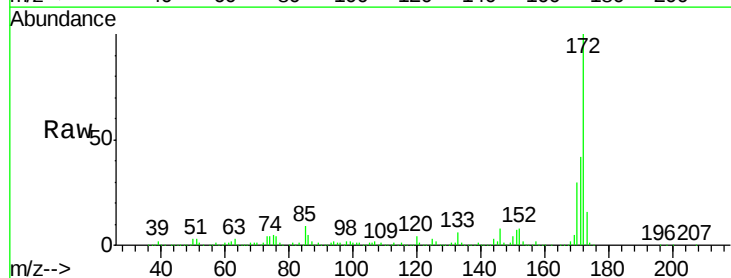
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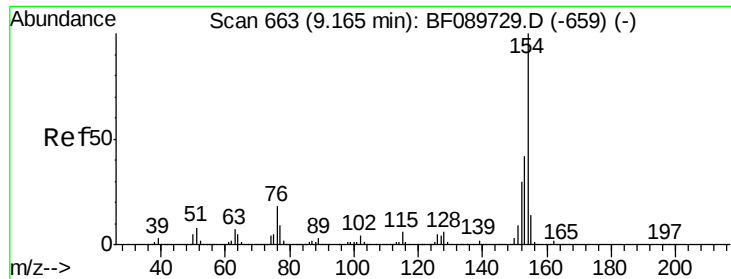
umangi
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#44
 2-Fluorobiphenyl
 Concen: 61.23 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.3	30.5	45.7
170	30.0	20.6	31.0





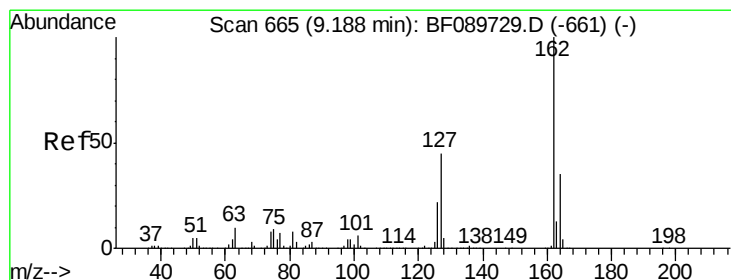
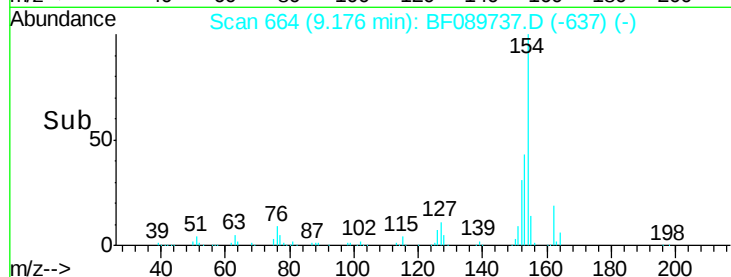
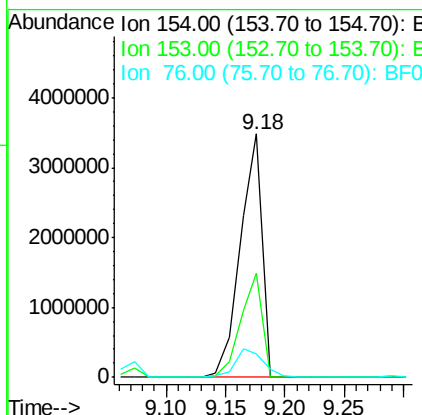
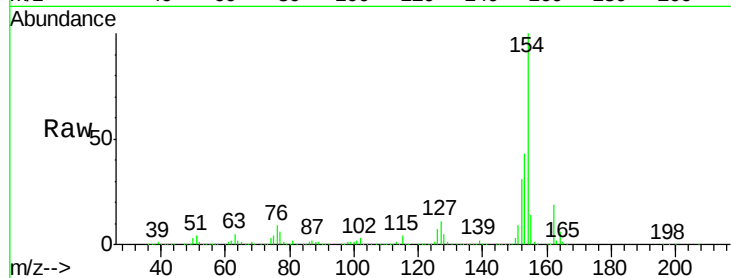
#45
 1,1'-Biphenyl
 Concen: 32.28 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	21.5	61.5
76	9.5	0.0	36.7

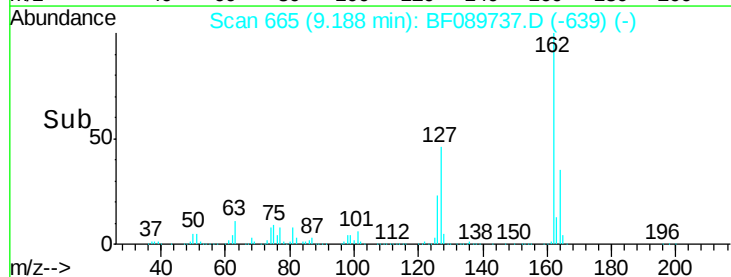
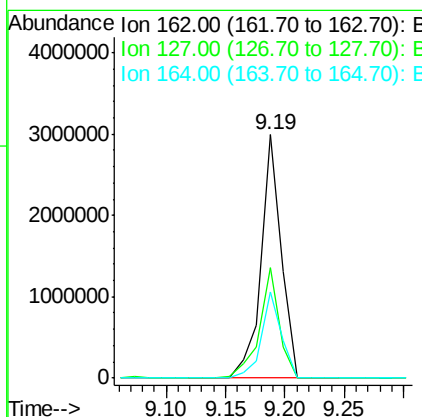
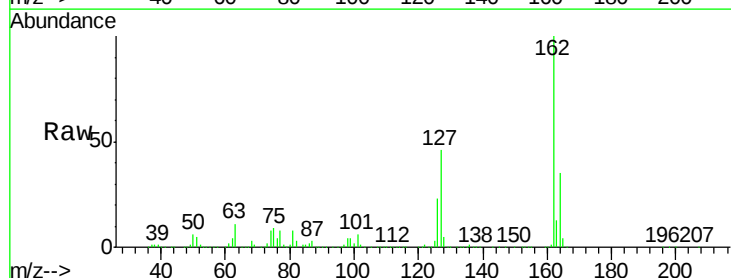
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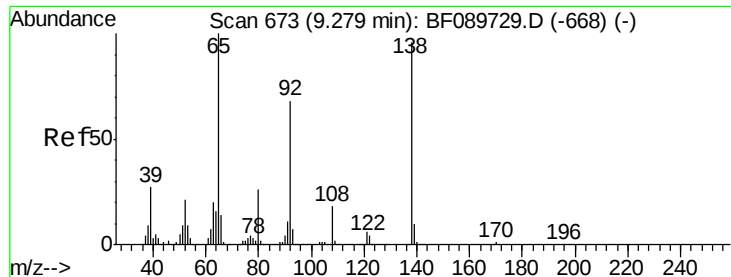
umangi
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#46
 2-Chloronaphthalene
 Concen: 34.76 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.6	35.5	53.3
164	35.3	26.6	40.0





#47

2-Nitroaniline

Concen: 44.19 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion: 65 Resp: 1378675

Ion Ratio Lower Upper

65 100

92 76.7 56.3 84.5

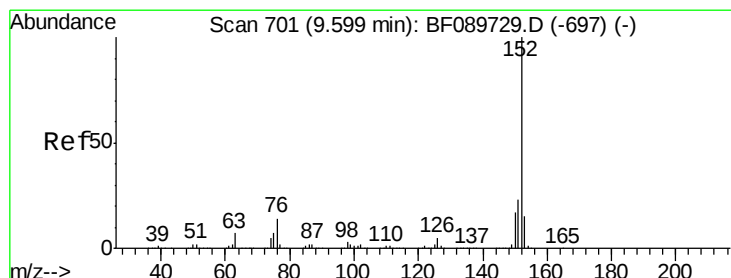
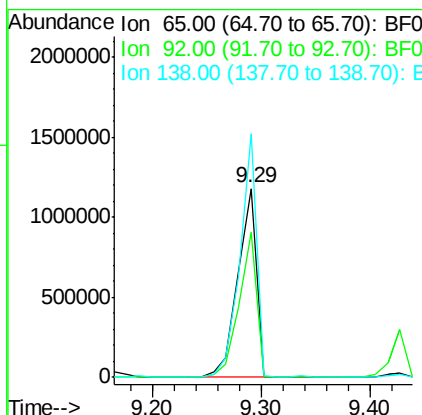
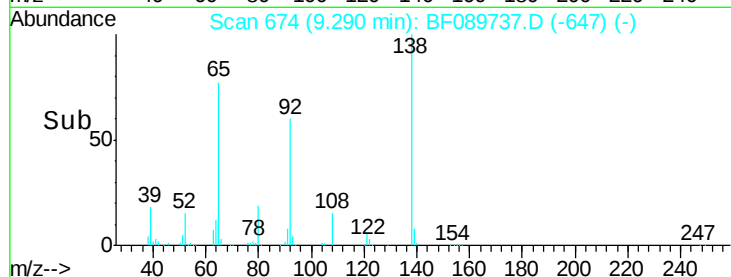
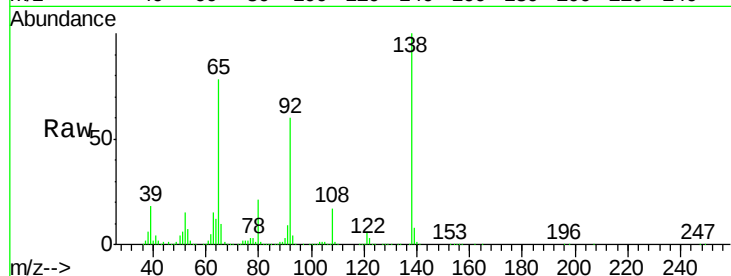
138 128.9 81.8 122.8#

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#48

Acenaphthylene

Concen: 37.38 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

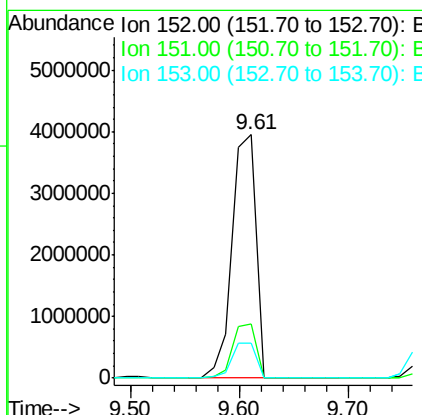
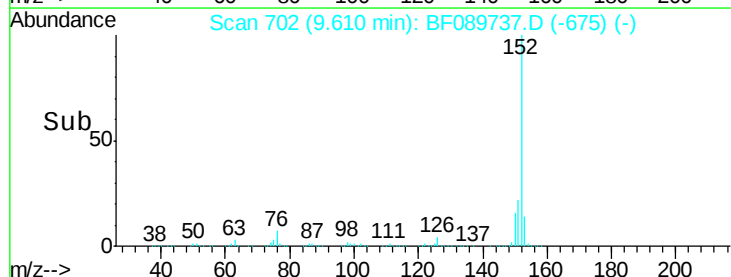
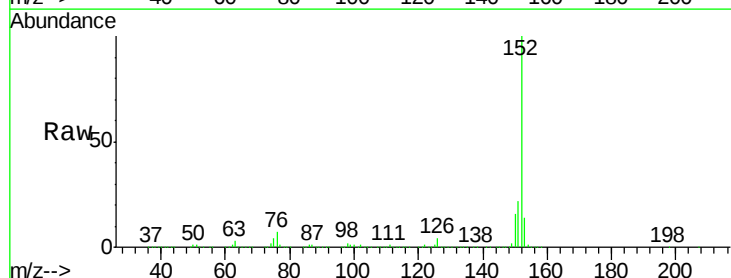
Tgt Ion: 152 Resp: 5892407

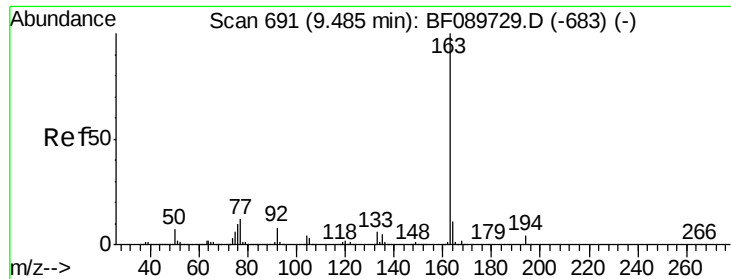
Ion Ratio Lower Upper

152 100

151 22.4 17.1 25.7

153 14.3 11.2 16.8





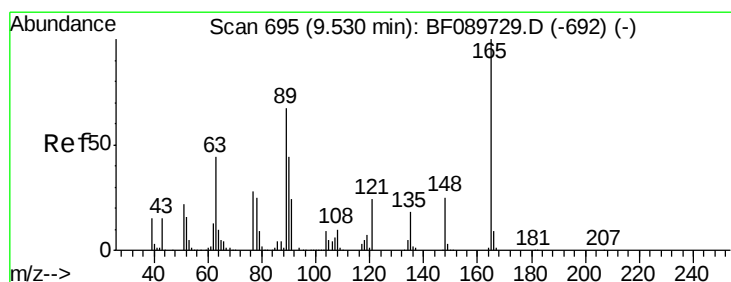
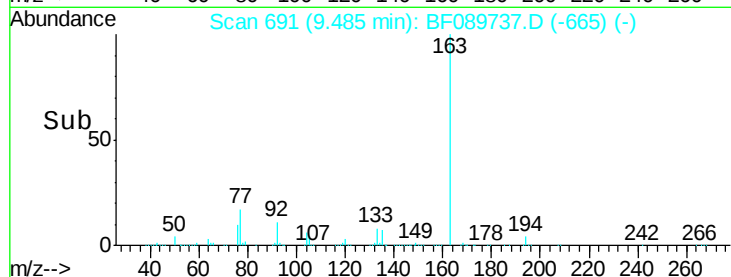
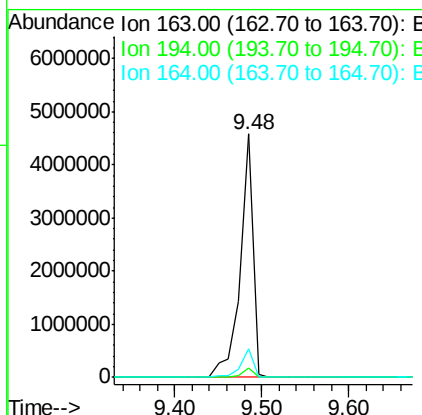
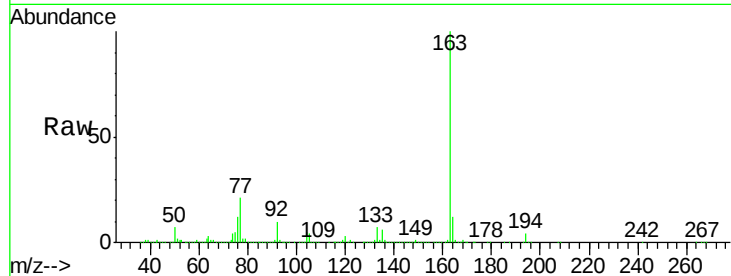
#49
Dimethylphthalate
Concen: 38.44 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Instrument :
BNA_F
ClientSampleId :
PB92806BS

Tgt Ion:163 Resp: 4589115
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 11.8 8.6 12.8

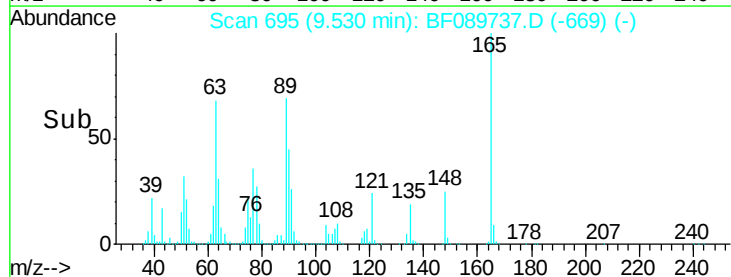
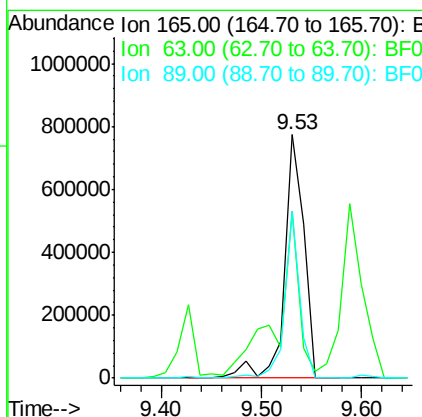
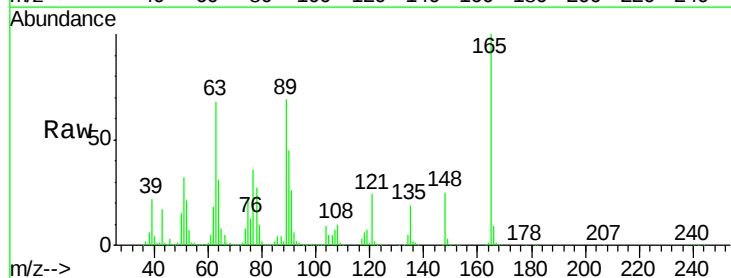
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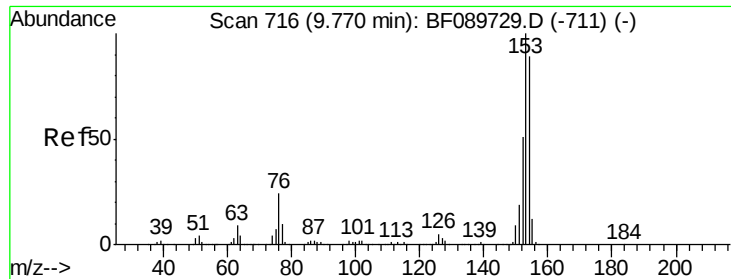
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#50
2,6-Dinitrotoluene
Concen: 38.10 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Tgt Ion:165 Resp: 1029411
Ion Ratio Lower Upper
165 100
63 68.4 41.7 62.5#
89 68.7 44.6 67.0#





#51

Acenaphthene

Concen: 42.27 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:154 Resp: 4495965

Ion Ratio Lower Upper

154 100

153 109.6 90.5 135.7

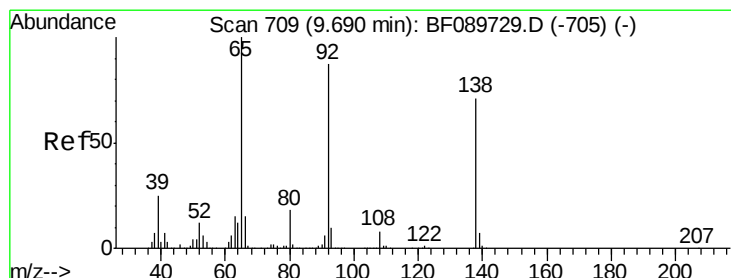
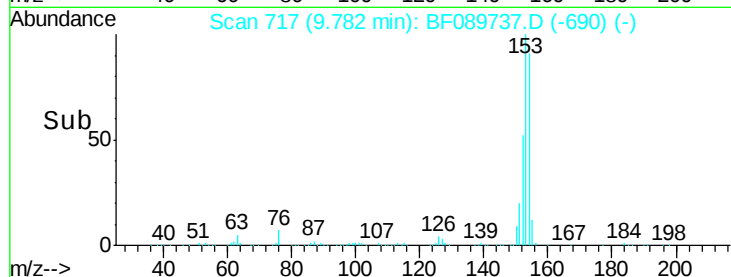
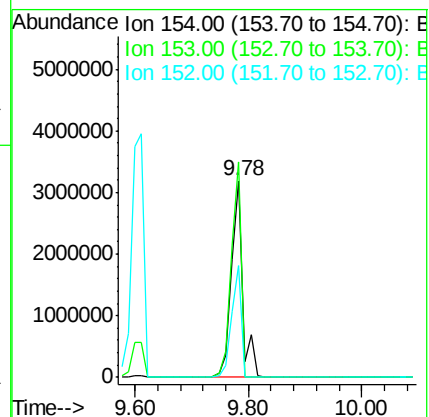
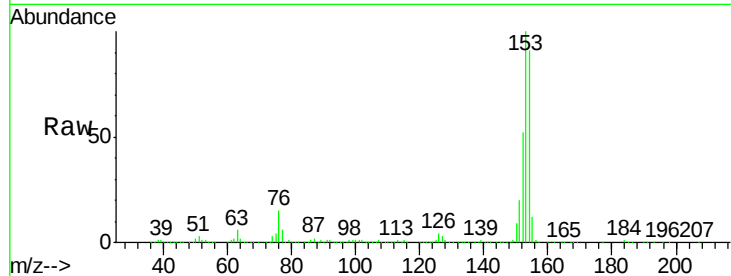
152 56.8 44.6 67.0

Manual Integrations

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#52

3-Nitroaniline

Concen: 22.49 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

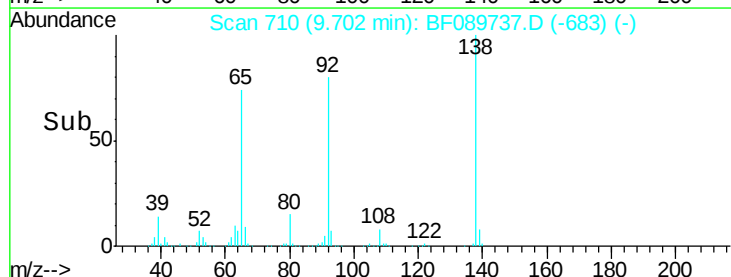
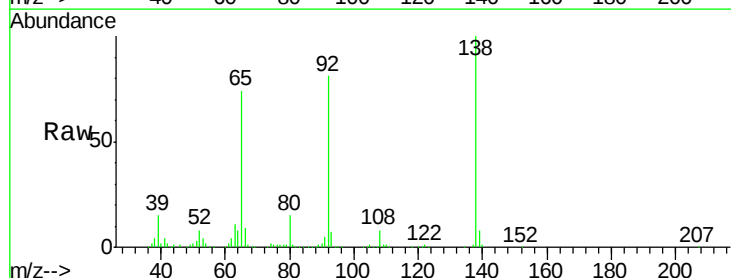
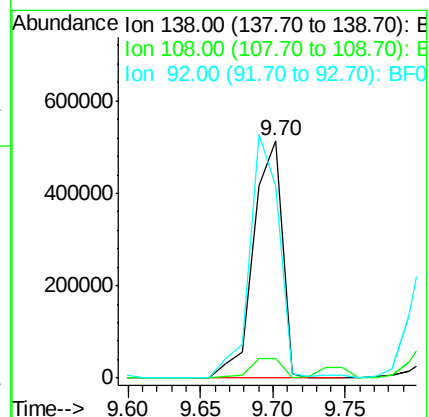
Tgt Ion:138 Resp: 706660

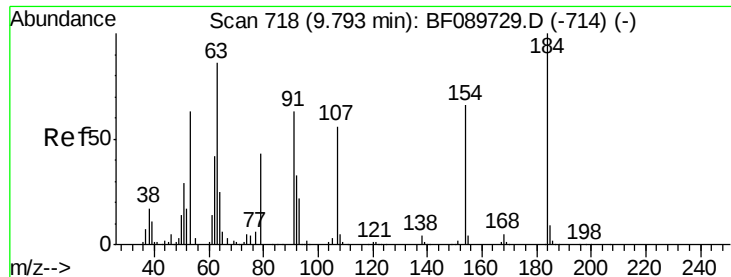
Ion Ratio Lower Upper

138 100

108 8.1 8.1 12.1

92 80.8 92.7 139.1#





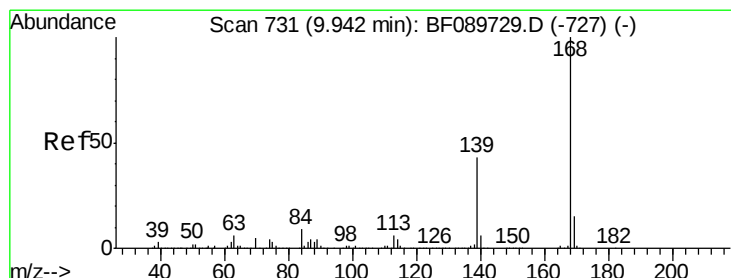
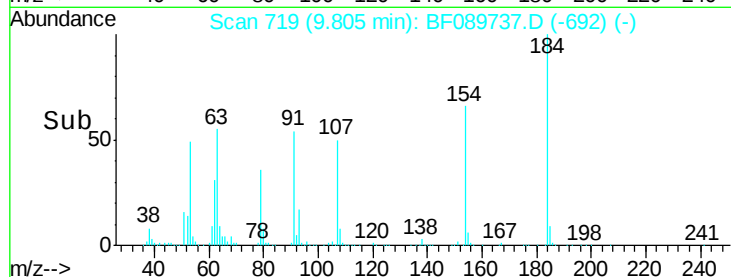
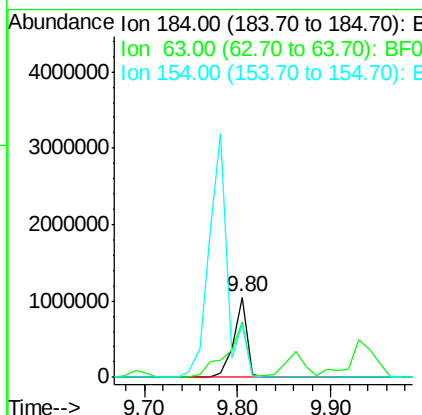
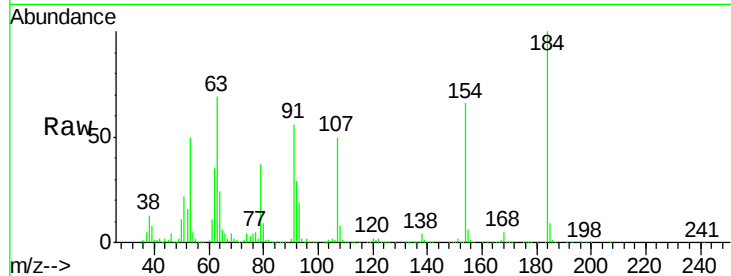
#53
2,4-Dinitrophenol
Concen: 87.03 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Instrument :
BNA_F
ClientSampleId :
PB92806BS

Tgt Ion:184 Resp: 1052222
Ion Ratio Lower Upper
184 100
63 69.5 54.2 81.4
154 65.7 52.7 79.1

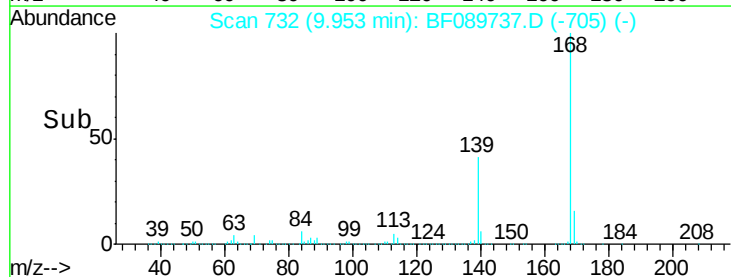
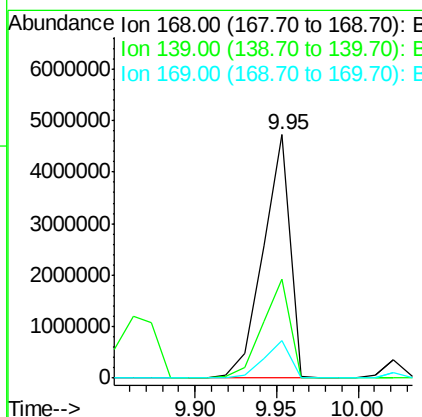
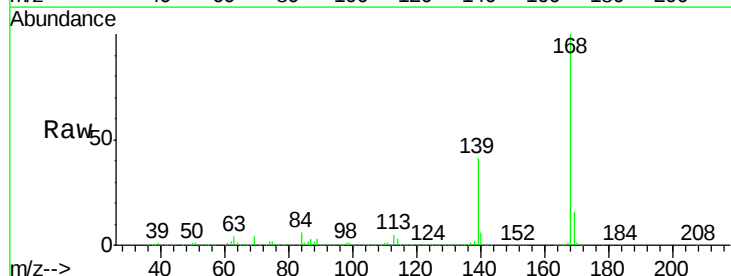
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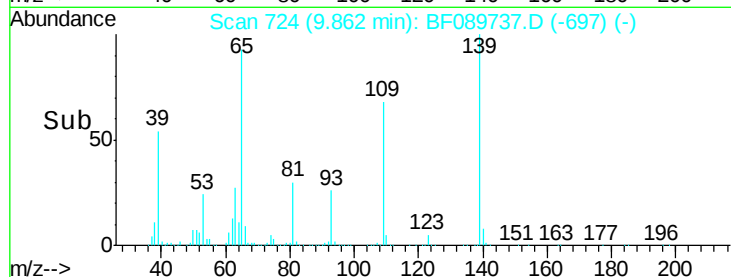
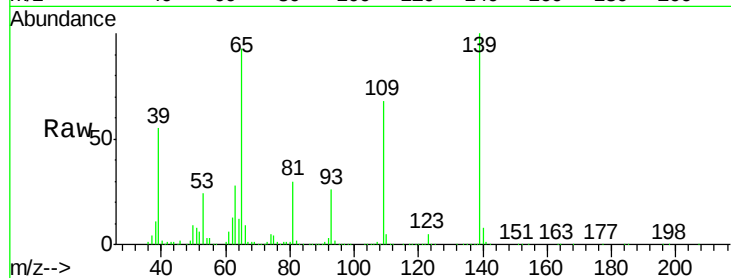
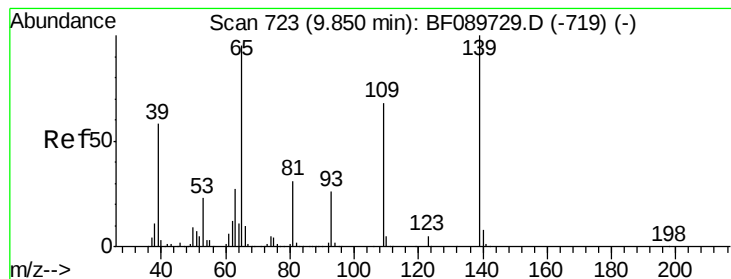
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#54
Dibenzofuran
Concen: 41.20 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Tgt Ion:168 Resp: 5393423
Ion Ratio Lower Upper
168 100
139 40.6 34.6 52.0
169 15.7 11.5 17.3





#55

4-Nitrophenol

Concen: 86.04 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion:	139	Resp:	2079531
Ion	Ratio	Lower	Upper
139	100		
109	67.8	43.0	83.0
65	92.8	55.7	95.7

Instrument :

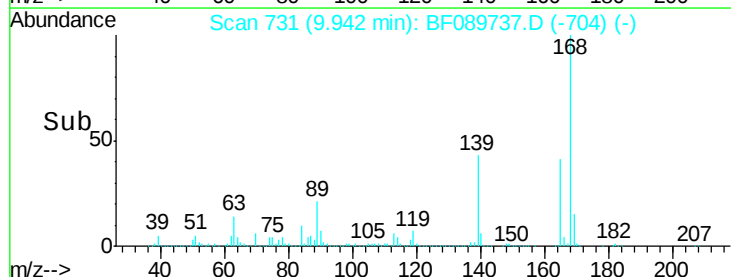
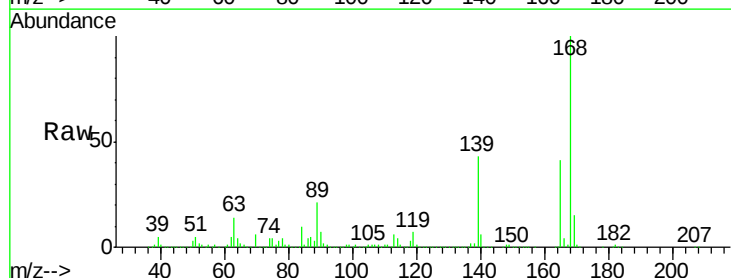
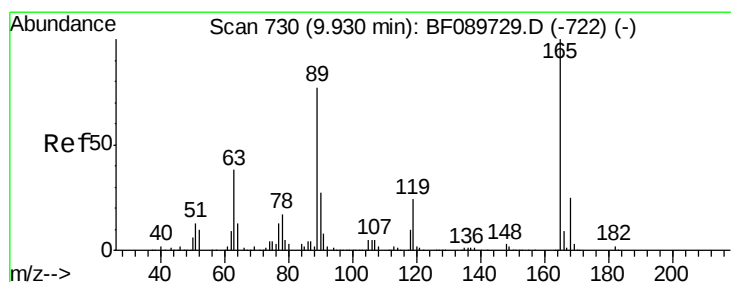
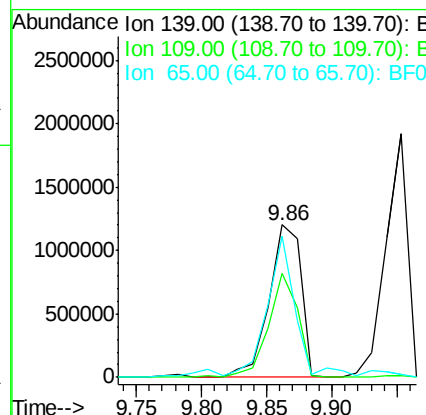
BNA_F

ClientSampled :

PB92806BS

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#56

2,4-Dinitrotoluene

Concen: 42.64 ng

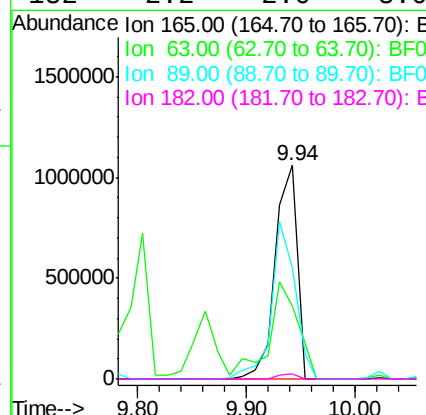
RT: 9.94 min Scan# 731

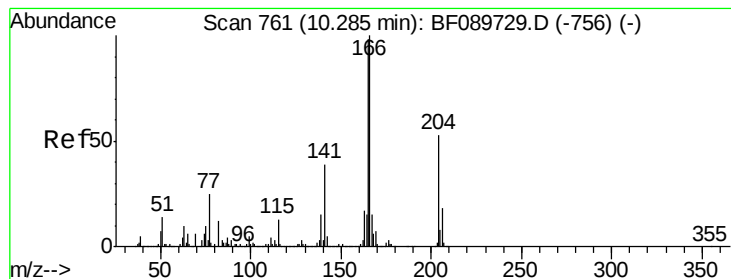
Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion:	165	Resp:	1481038
Ion	Ratio	Lower	Upper
165	100		
63	34.0	23.7	35.5
89	51.9	44.0	66.0
182	2.2	2.0	3.0





#57

Fluorene

Concen: 37.76 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:166 Resp: 3993850

Ion Ratio Lower Upper

166 100

165 97.9 80.2 120.4

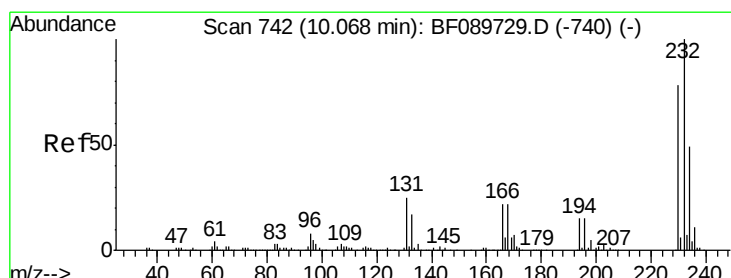
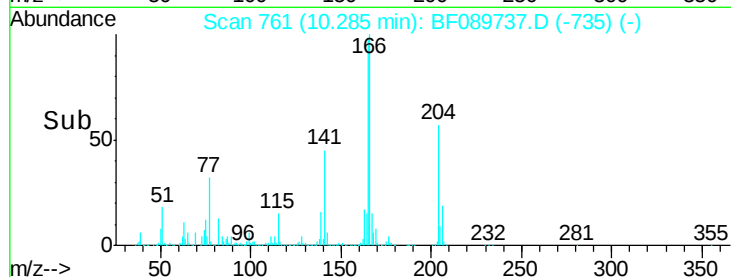
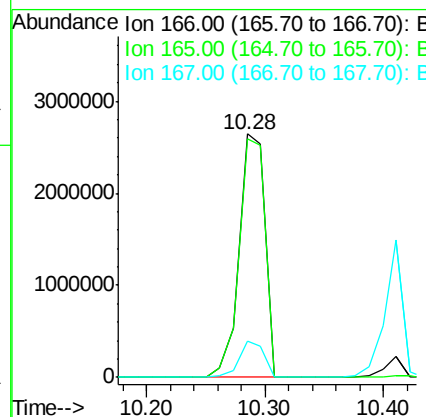
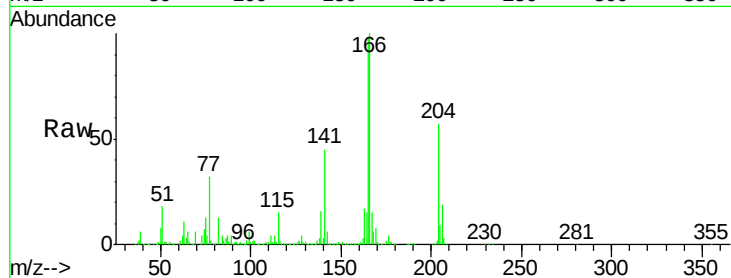
167 14.9 11.3 16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.47 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion:232 Resp: 1109286

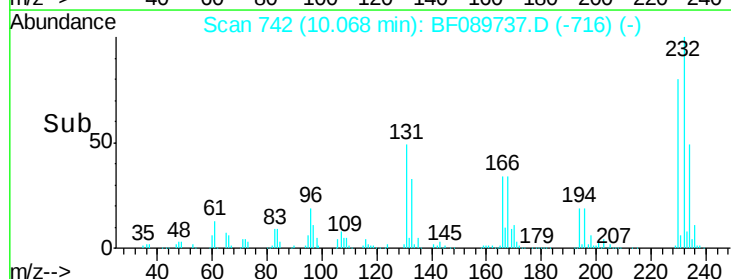
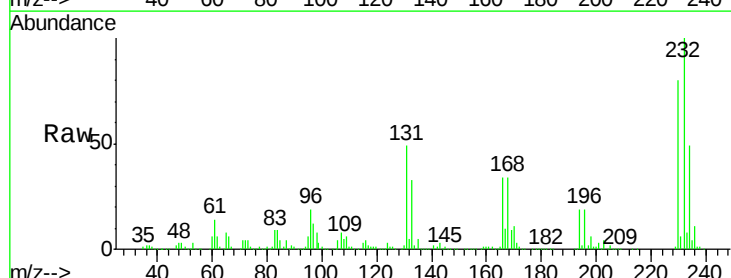
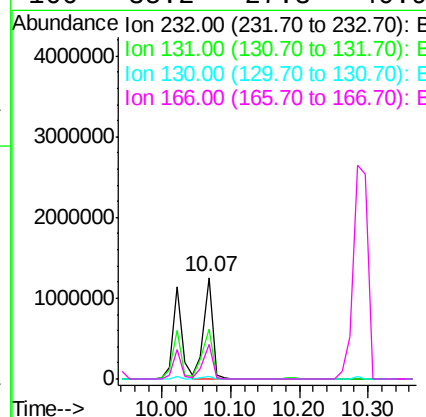
Ion Ratio Lower Upper

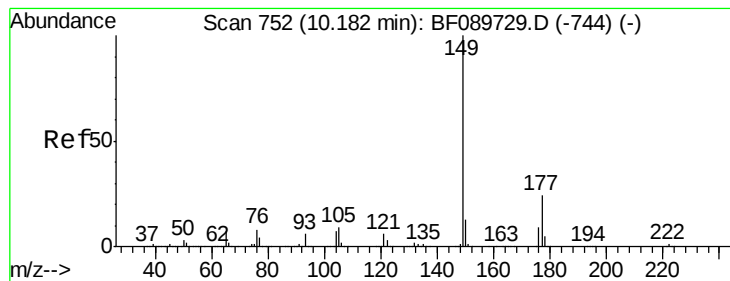
232 100

131 54.5 42.5 63.7

130 2.6 2.2 3.4

166 35.2 27.3 40.9





#59

Diethylphthalate

Concen: 35.31 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:149 Resp: 4274791

Ion Ratio Lower Upper

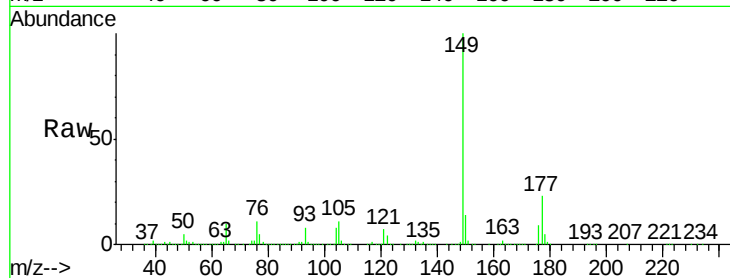
149 100

177 22.6 16.6 25.0

150 14.3 10.5 15.7

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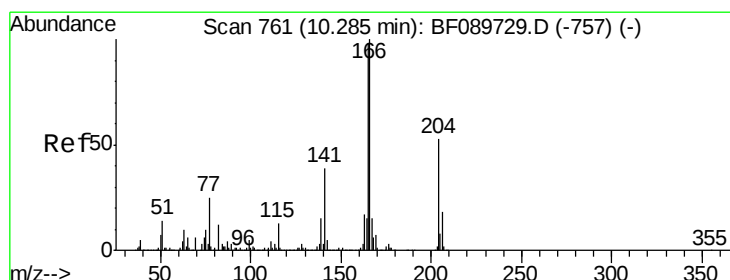
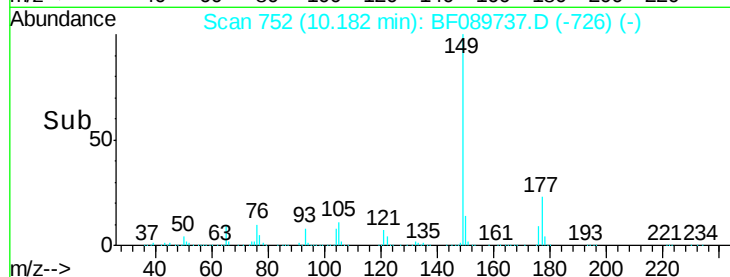
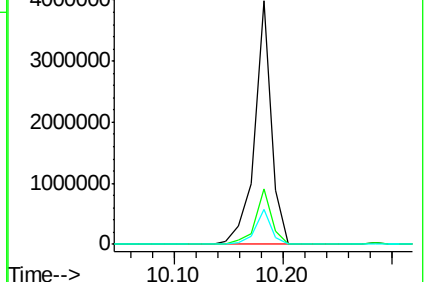
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.89 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

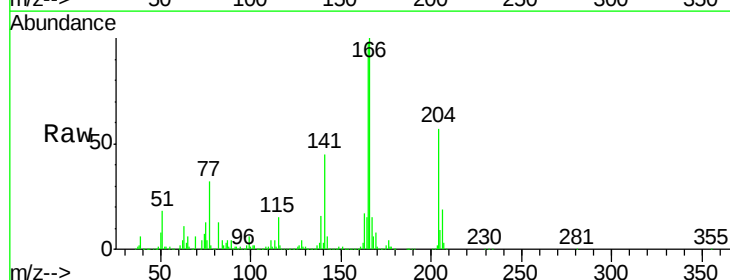
Tgt Ion:204 Resp: 1551986

Ion Ratio Lower Upper

204 100

206 33.8 26.5 39.7

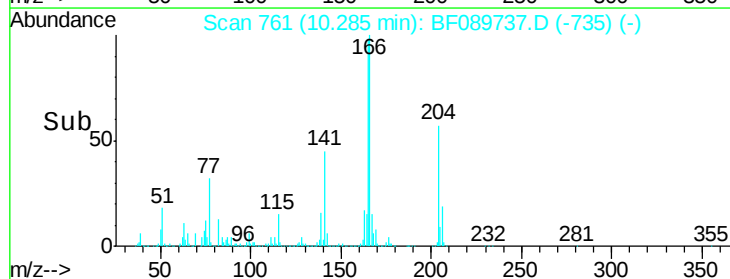
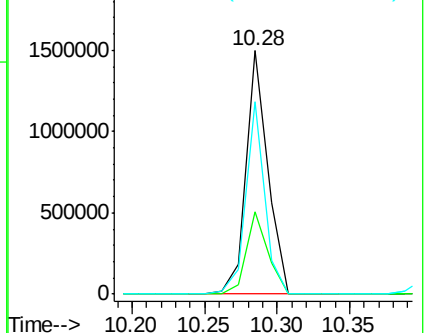
141 78.9 54.1 81.1

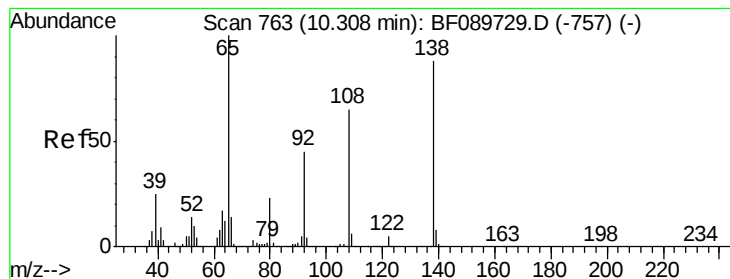


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.57 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:138 Resp: 1268112

Ion Ratio Lower Upper

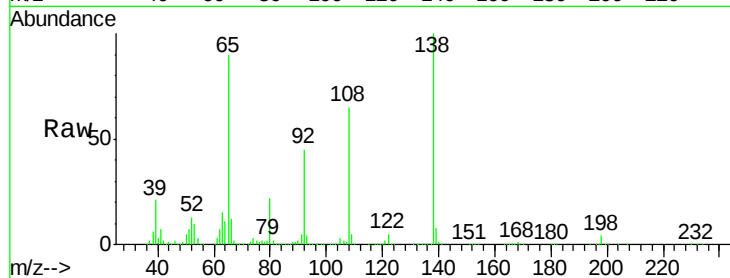
138 100

92 45.0 26.4 66.4

108 65.5 47.0 87.0

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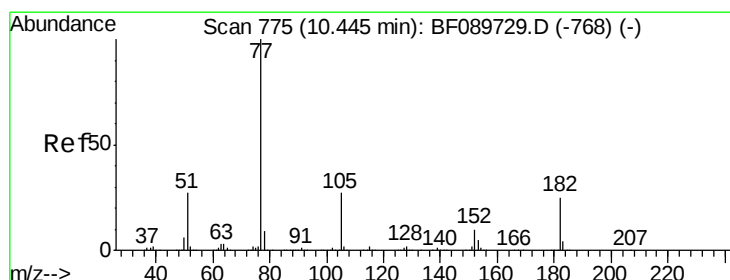
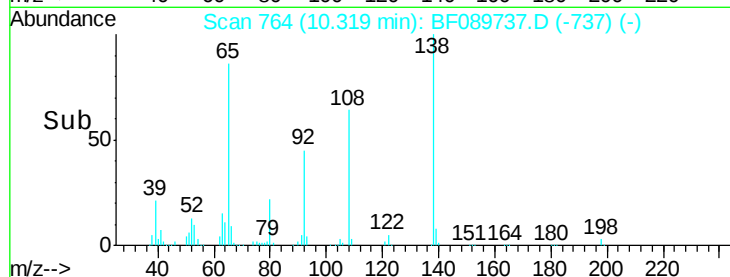
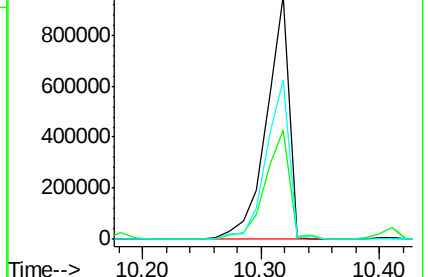
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.70 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion: 77 Resp: 4654960

Ion Ratio Lower Upper

77 100

182 22.6 5.6 45.6

105 26.4 4.0 44.0

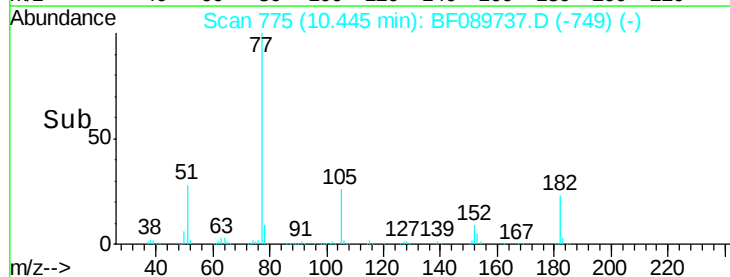
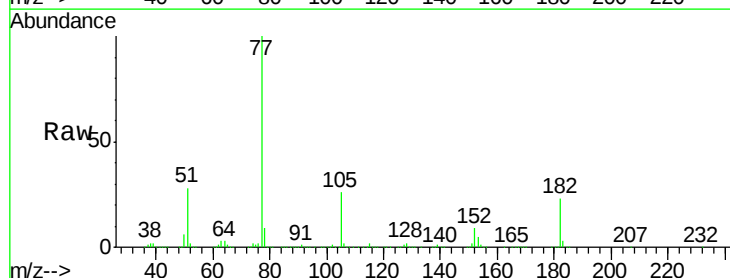
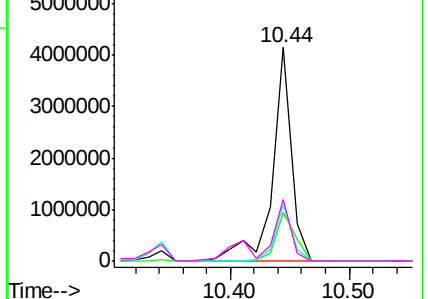
51 28.5 7.8 47.8

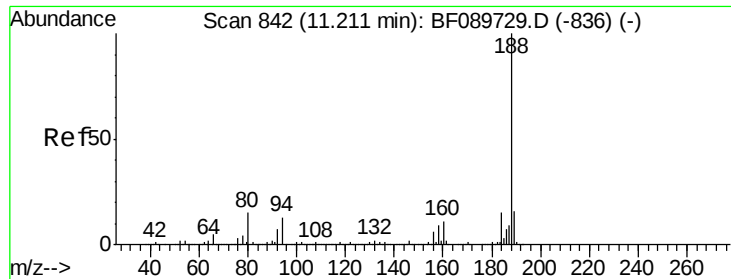
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





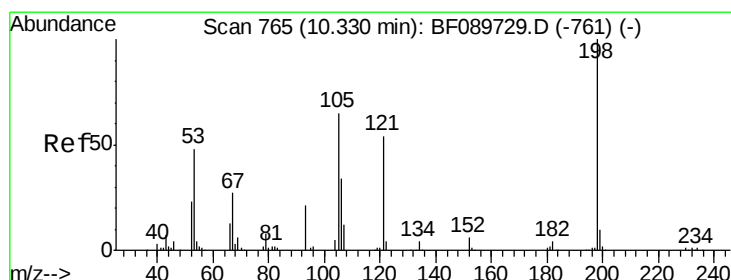
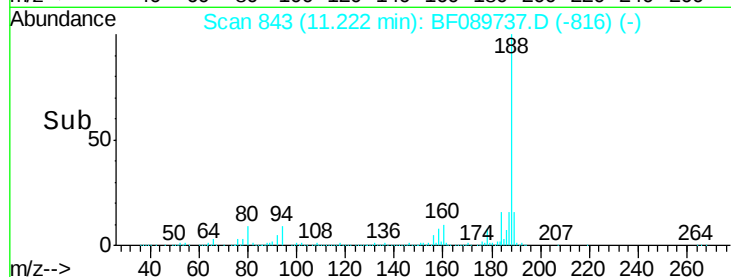
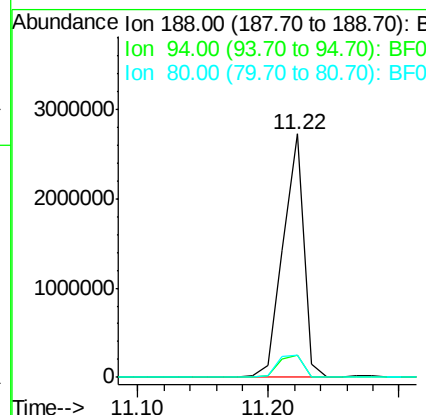
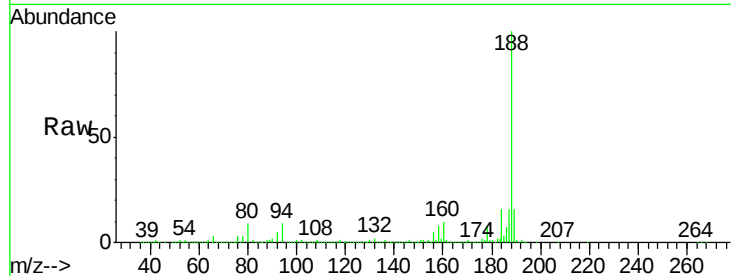
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Instrument :
BNA_F
ClientSampleId :
PB92806BS

Tgt Ion:188 Resp: 3050050
Ion Ratio Lower Upper
188 100
94 9.2 10.2 15.2#
80 9.2 10.9 16.3#

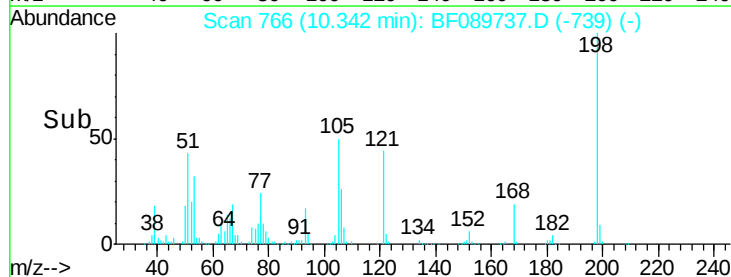
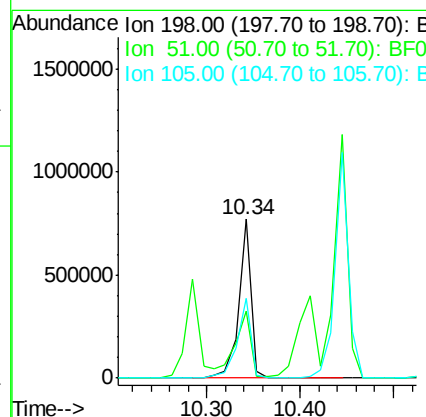
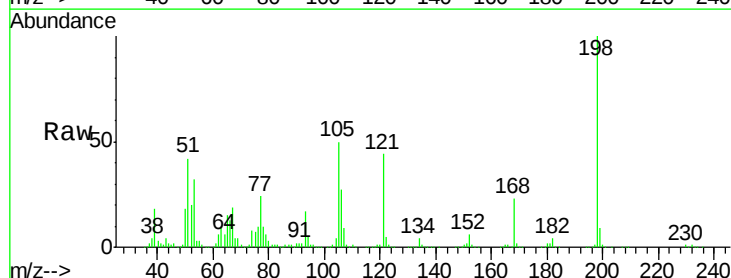
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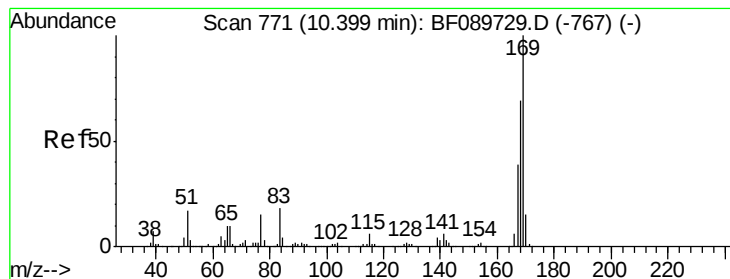
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.84 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Tgt Ion:198 Resp: 723343
Ion Ratio Lower Upper
198 100
51 42.4 32.3 72.3
105 50.0 32.9 72.9





#65

n-Nitrosodiphenylamine

Concen: 39.82 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:169 Resp: 3811486

Ion Ratio Lower Upper

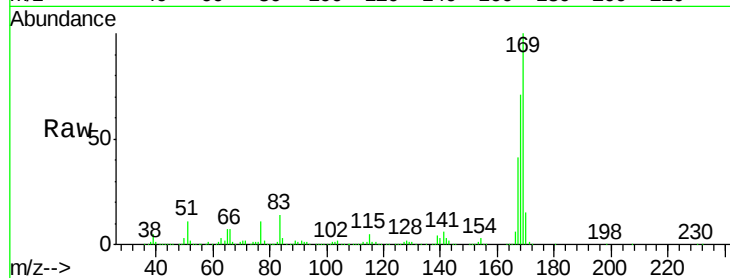
169 100

168 70.7 54.6 82.0

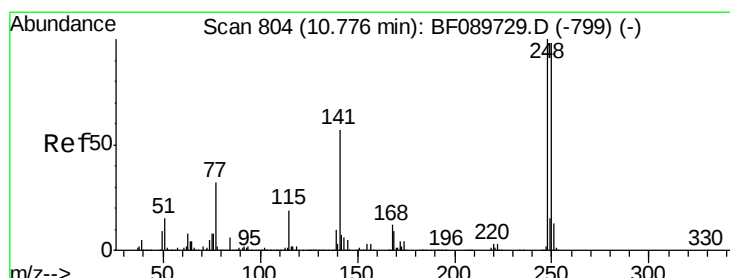
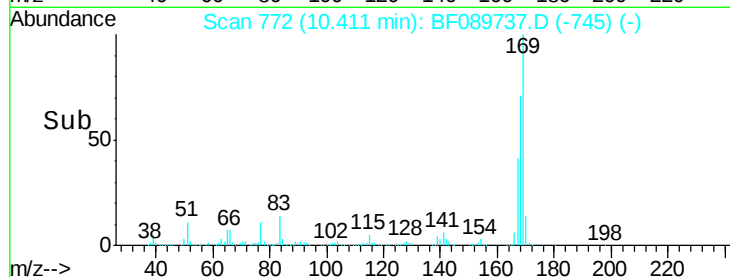
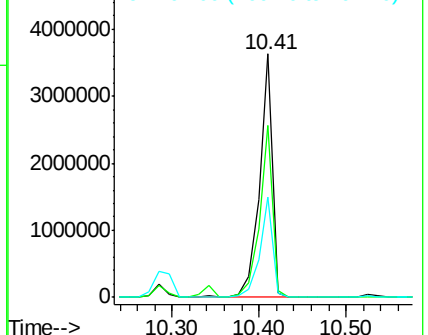
167 41.0 30.6 45.8

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



#66

4-Bromophenyl-phenylether

Concen: 38.22 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

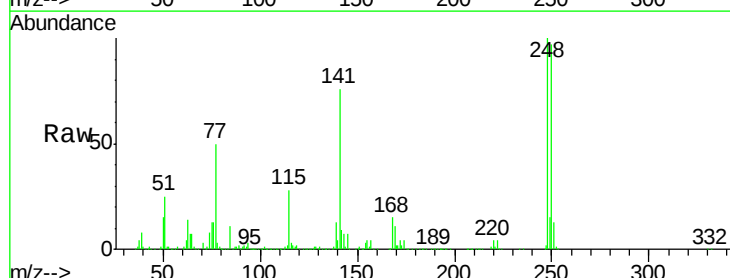
Tgt Ion:248 Resp: 1207325

Ion Ratio Lower Upper

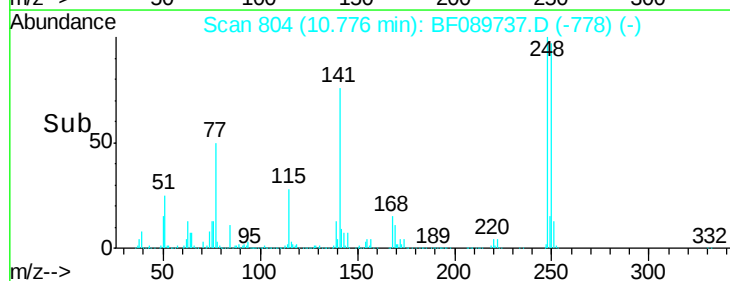
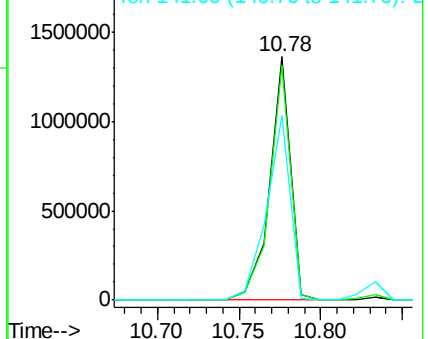
248 100

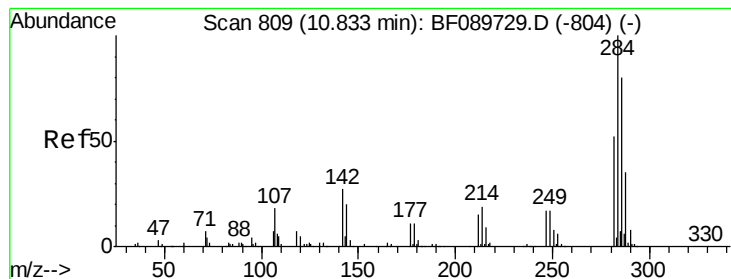
250 96.5 78.6 117.8

141 76.1 31.4 47.2#



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





#67

Hexachlorobenzene

Concen: 35.62 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:284 Resp: 1250699

Ion Ratio Lower Upper

284 100

142 41.5 17.4 26.2#

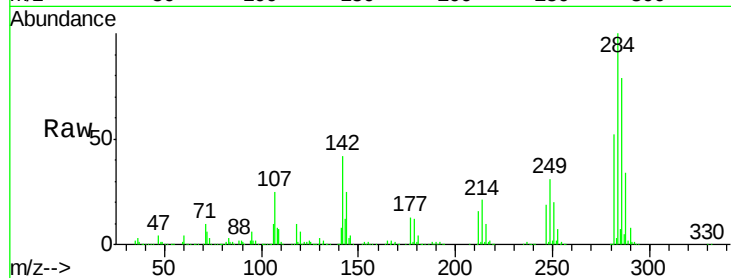
249 31.2 22.8 34.2

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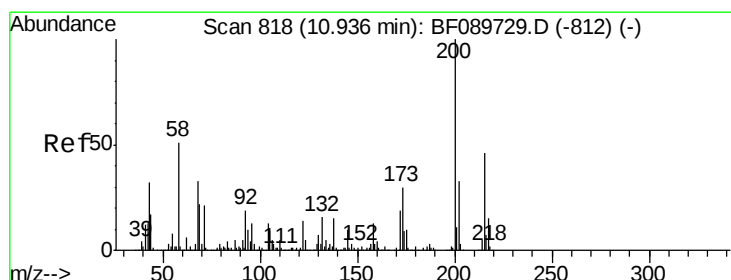
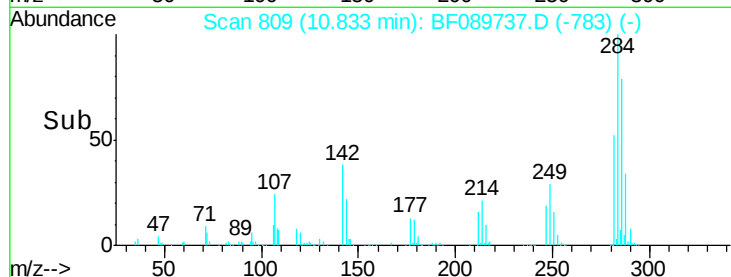
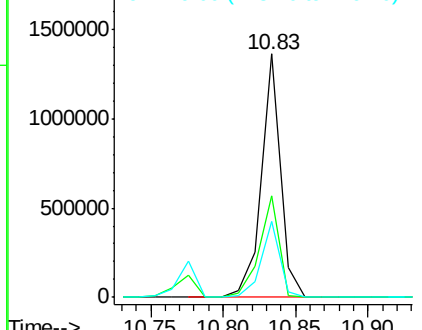
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.08 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

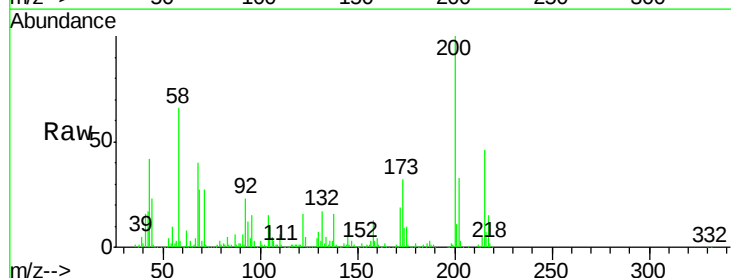
Tgt Ion:200 Resp: 1046146

Ion Ratio Lower Upper

200 100

173 31.7 6.6 46.6

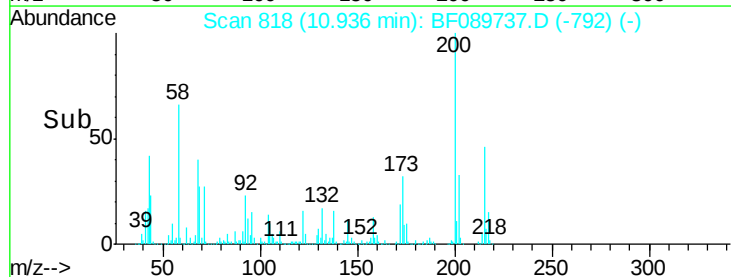
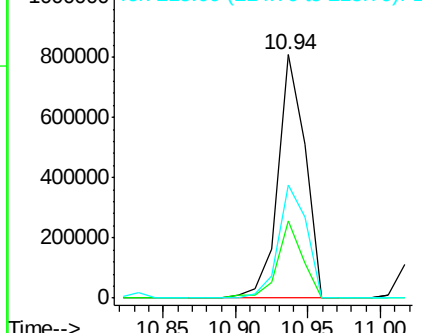
215 46.3 24.7 64.7

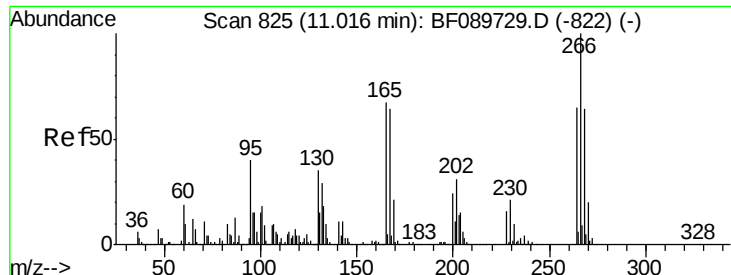


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





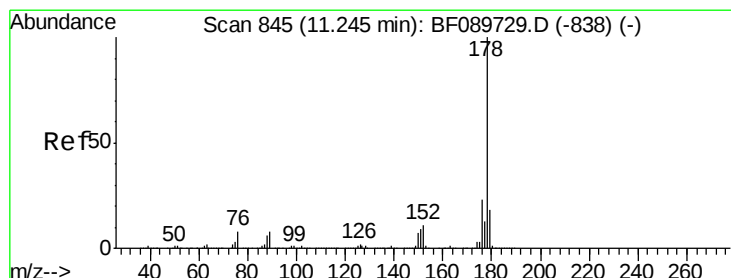
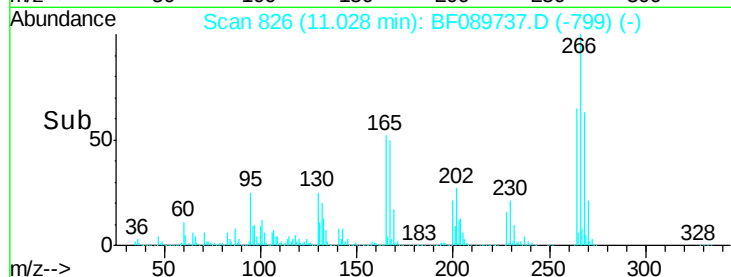
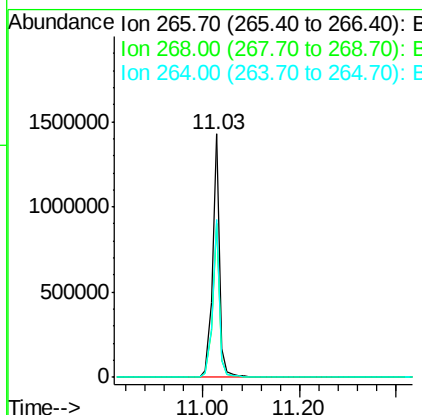
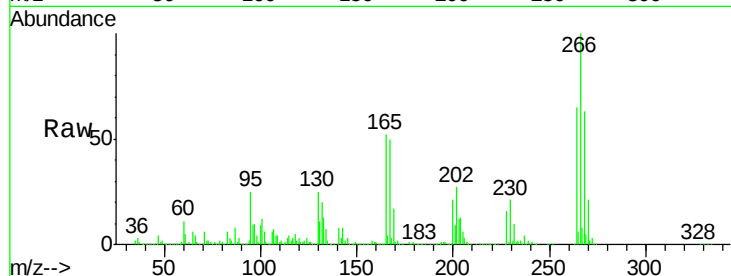
#69
 Pentachlorophenol
 Concen: 68.27 ng
 RT: 11.03 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	53.2	79.8
264	65.0	51.1	76.7

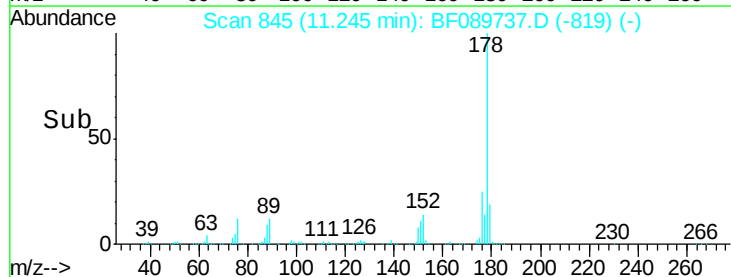
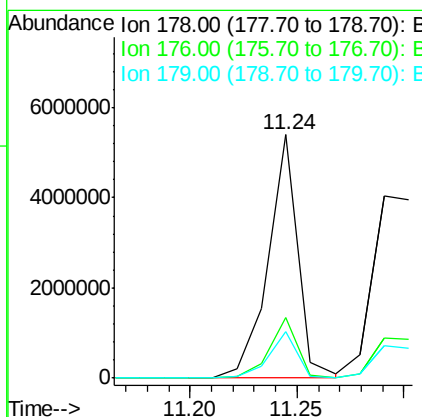
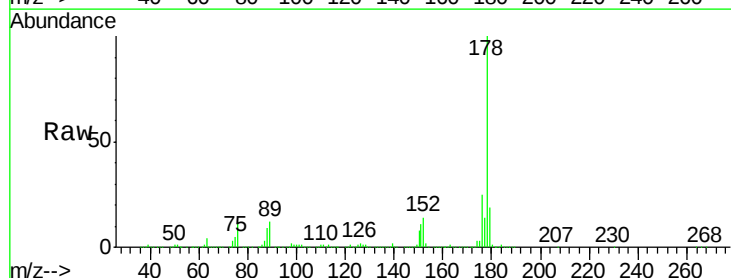
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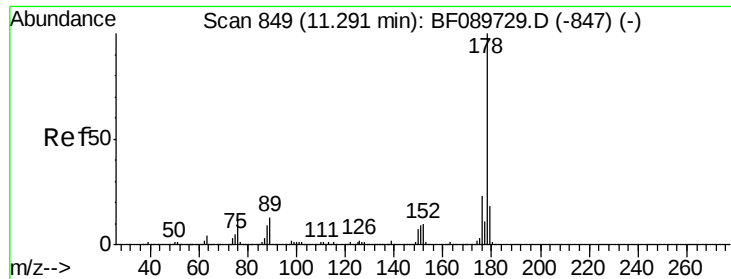
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#70
 Phenanthrene
 Concen: 34.81 ng m
 RT: 11.24 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.1	16.4	24.6#
179	19.3	12.5	18.7#





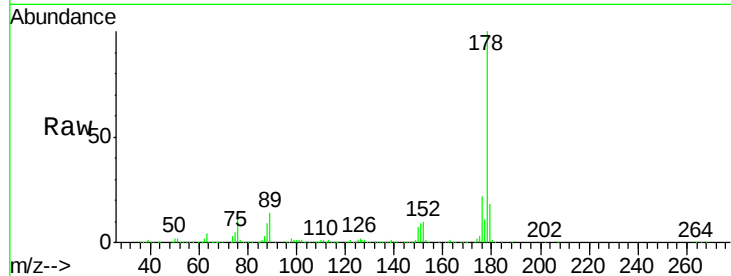
#71
 Anthracene
 Concen: 37.57 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

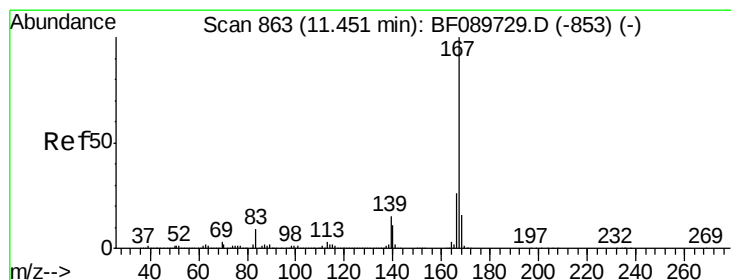
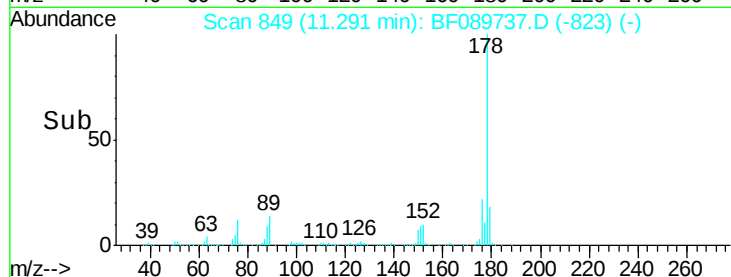
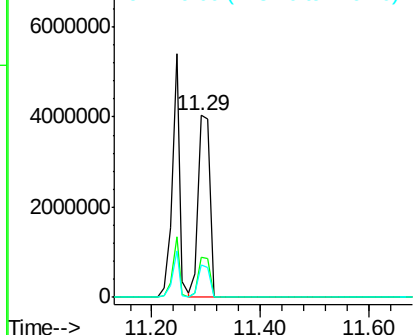
Tgt Ion:178 Resp: 5884899
 Ion Ratio Lower Upper
 178 100
 176 21.7 16.4 24.6
 179 17.8 13.1 19.7

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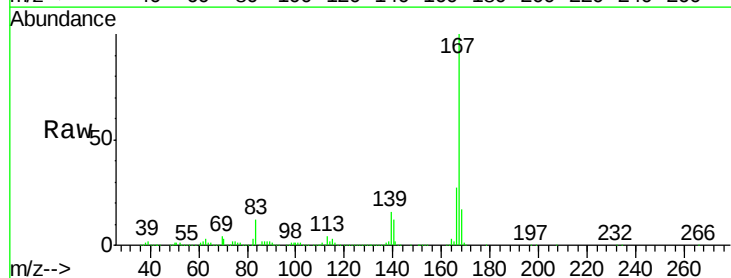


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

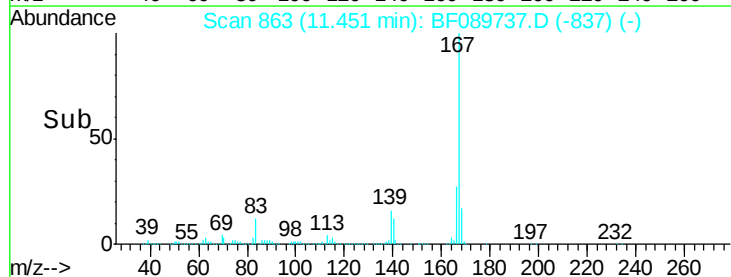
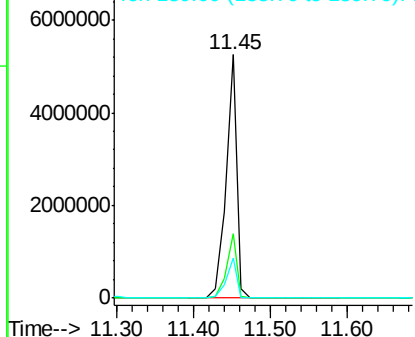


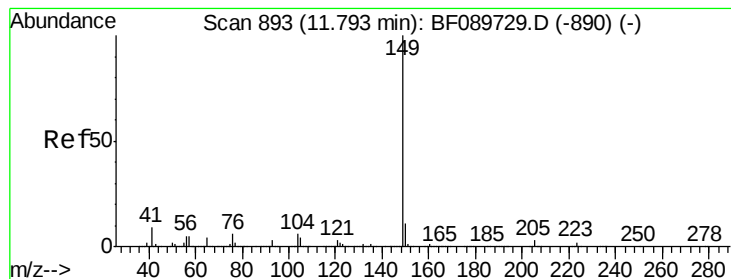
#72
 Carbazole
 Concen: 35.07 ng
 RT: 11.45 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion:167 Resp: 5205495
 Ion Ratio Lower Upper
 167 100
 166 26.5 17.9 26.9
 139 16.5 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: 37.01 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:149 Resp: 6679703

Ion Ratio Lower Upper

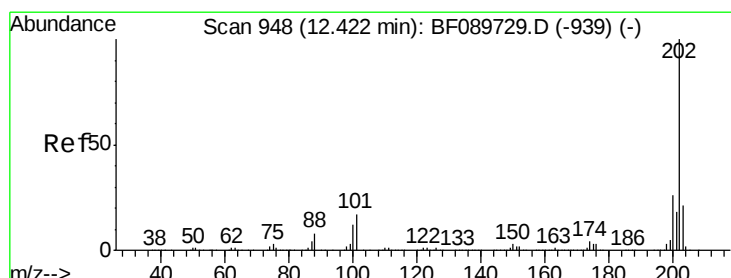
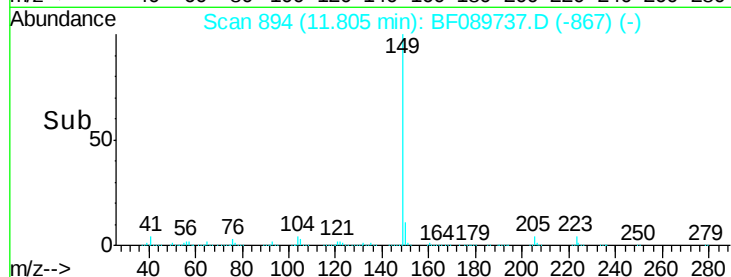
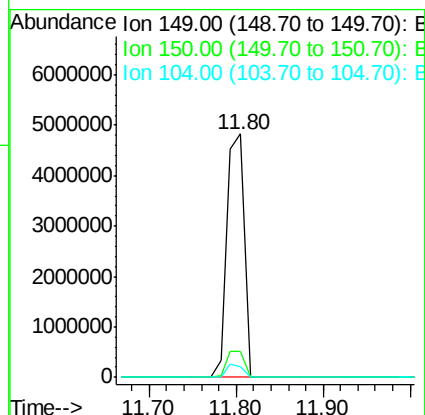
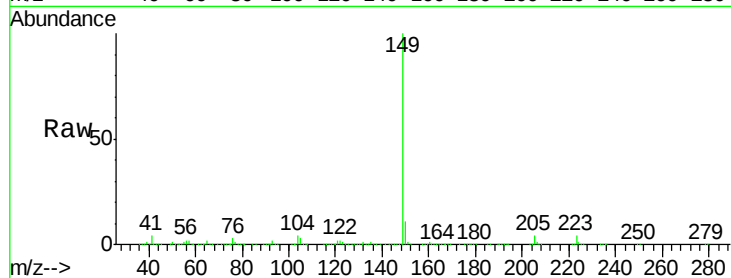
149 100

150 10.8 7.9 11.9

104 4.3 4.3 6.5#

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#74

Fluoranthene

Concen: 34.19 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

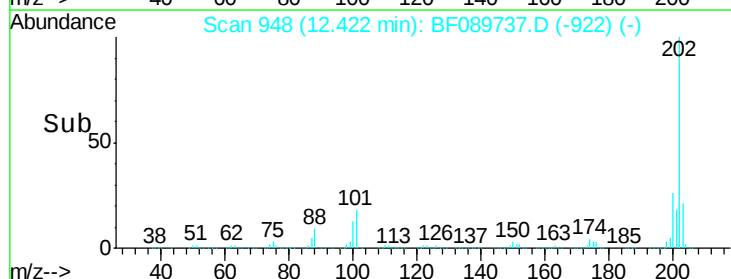
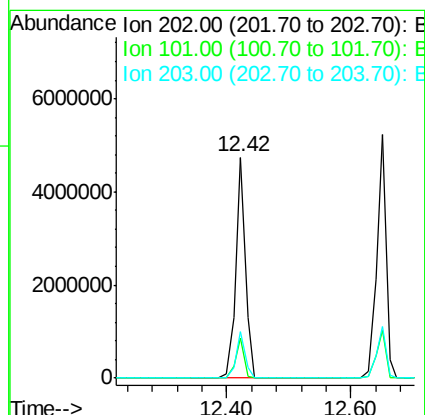
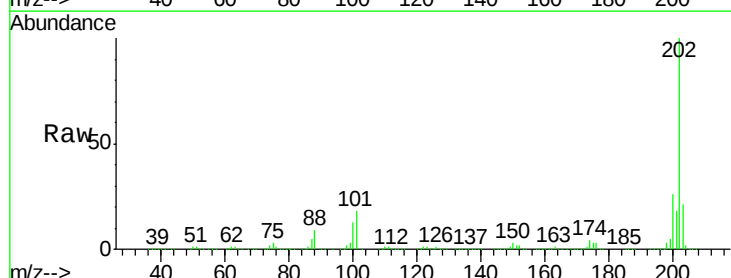
Tgt Ion:202 Resp: 5149818

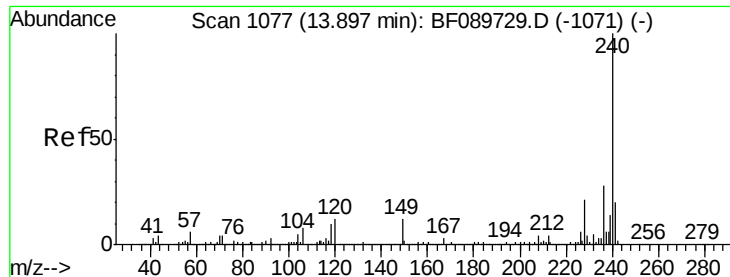
Ion Ratio Lower Upper

202 100

101 18.0 0.0 31.2

203 21.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:240 Resp: 2215647

Ion Ratio Lower Upper

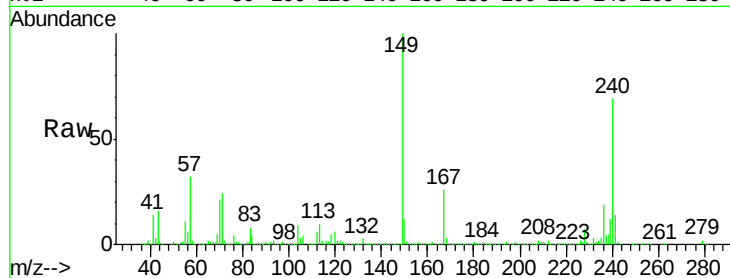
240 100

120 8.2 8.3 12.5#

236 27.5 21.3 31.9

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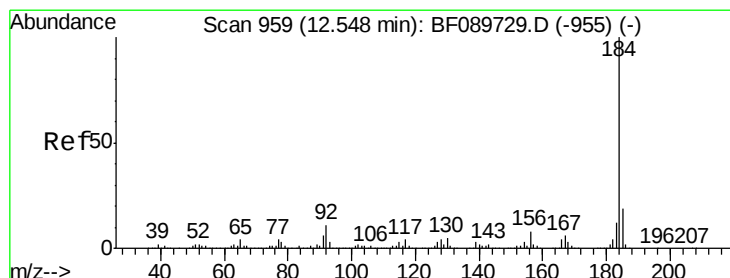
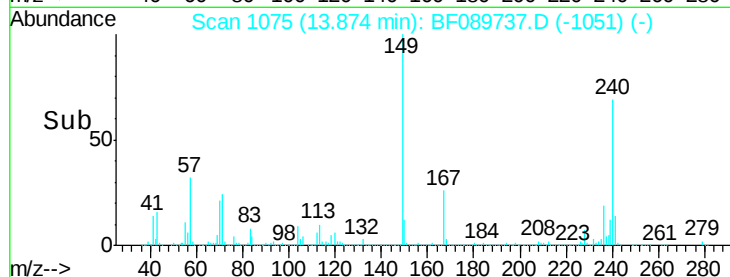
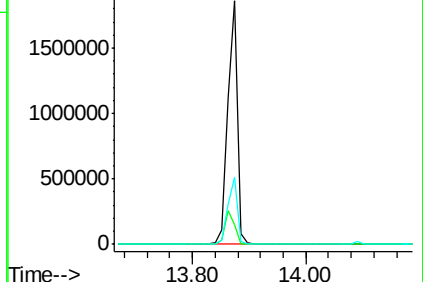
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.51 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

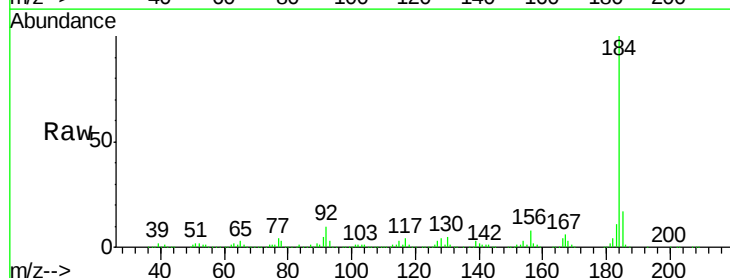
Tgt Ion:184 Resp: 1631281

Ion Ratio Lower Upper

184 100

185 17.3 13.8 20.8

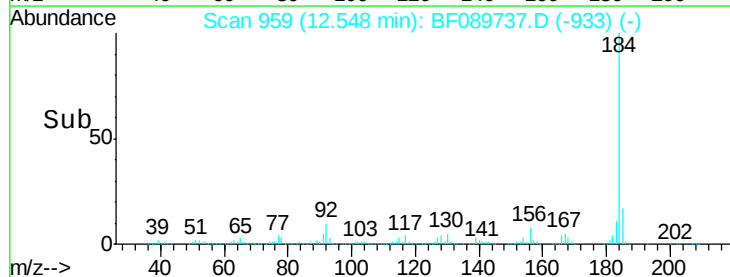
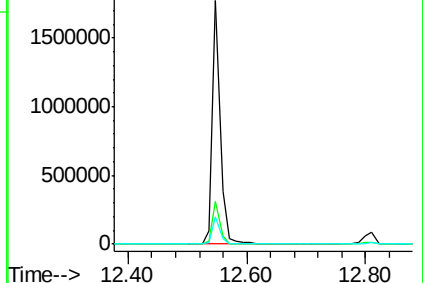
183 11.4 9.7 14.5

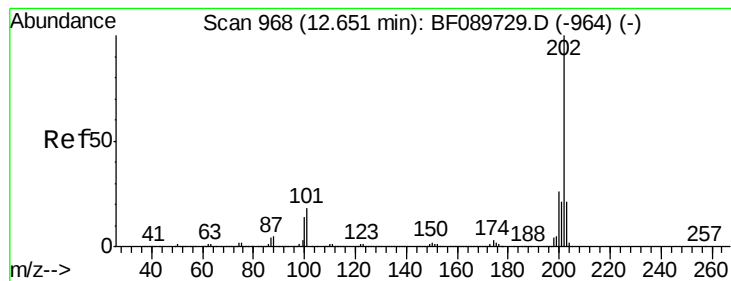


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.52 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.23 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:202 Resp: 5149747

Ion Ratio Lower Upper

202 100

200 25.7 17.8 26.6

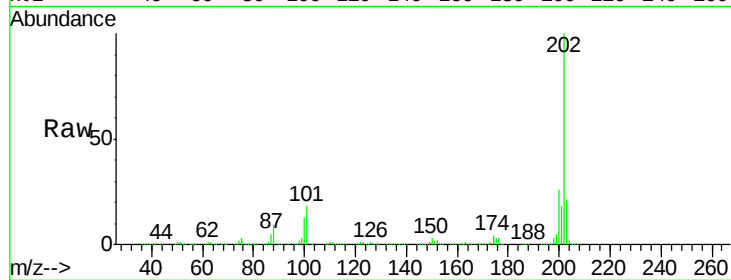
203 21.0 14.2 21.4

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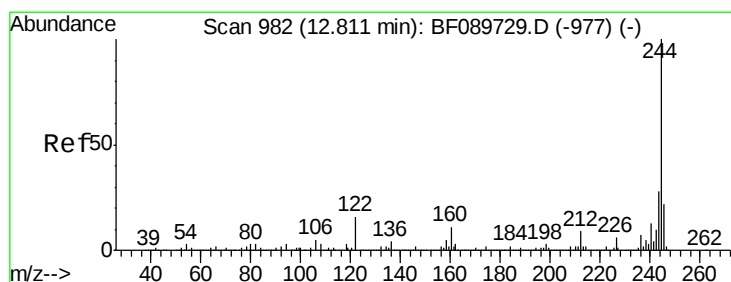
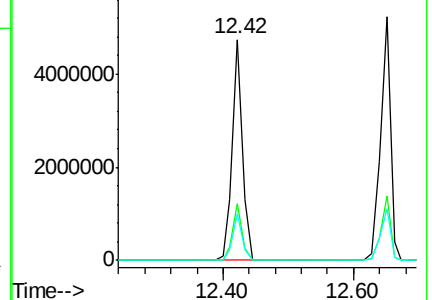
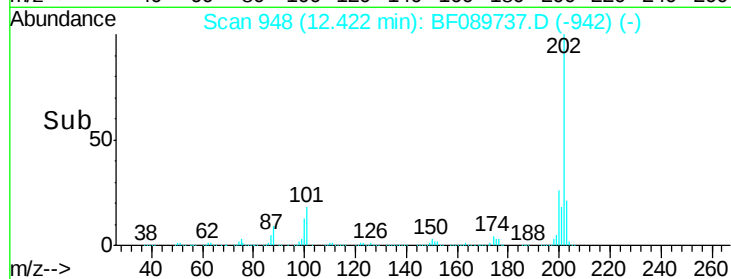
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.09 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

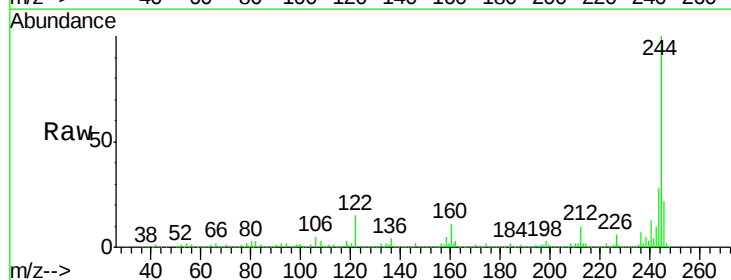
Tgt Ion:244 Resp: 5865324

Ion Ratio Lower Upper

244 100

212 9.6 6.3 9.5#

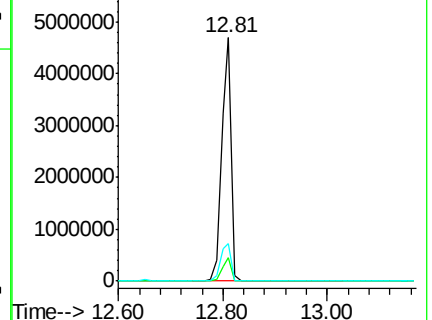
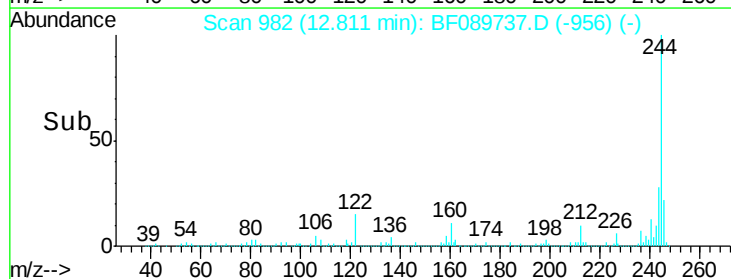
122 15.2 12.0 18.0

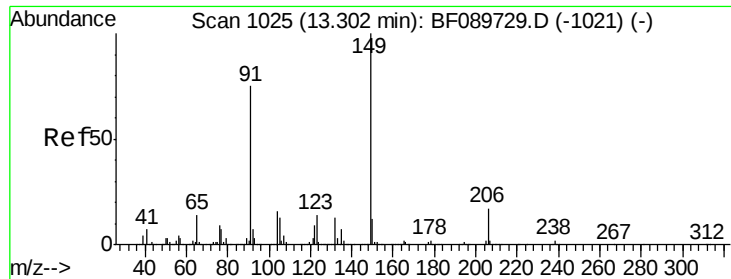


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.51 ng

RT: 13.29 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion:149 Resp: 2801073

Ion Ratio Lower Upper

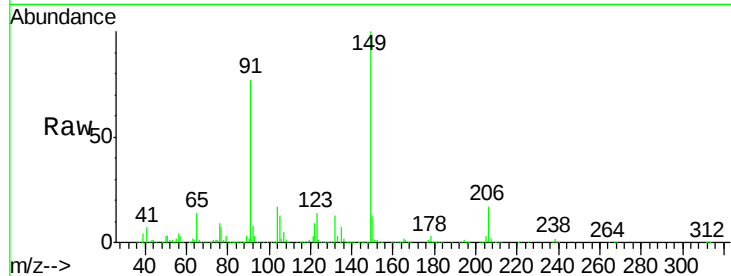
149 100

91 77.4 50.7 76.1#

206 16.9 15.5 23.3

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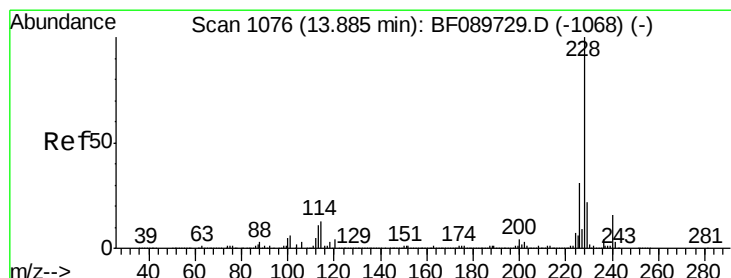
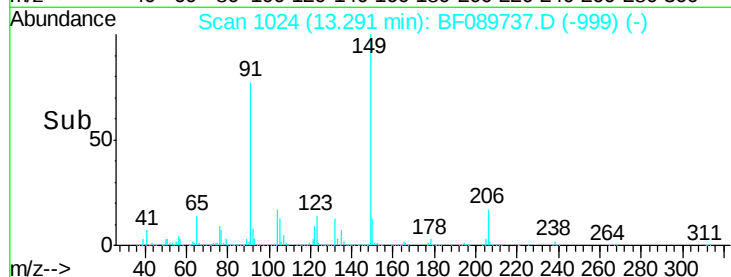
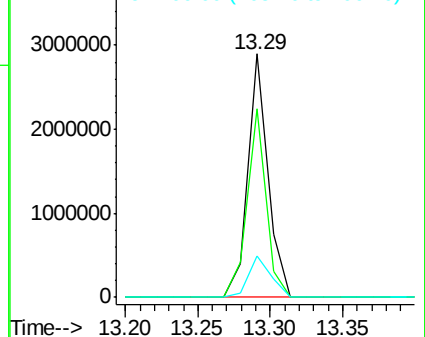
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.26 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.03 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

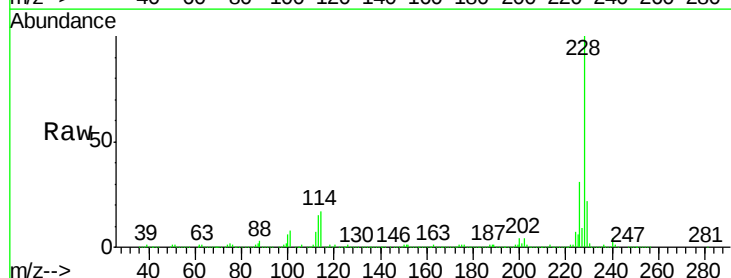
Tgt Ion:228 Resp: 5182640

Ion Ratio Lower Upper

228 100

226 30.9 23.2 34.8

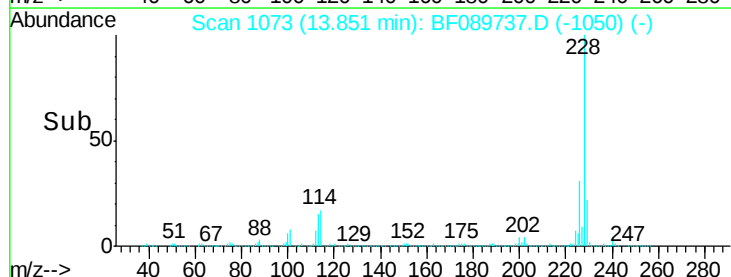
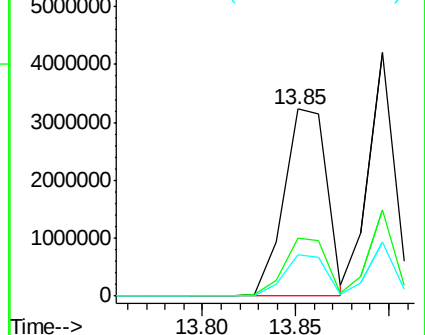
229 22.2 16.2 24.4

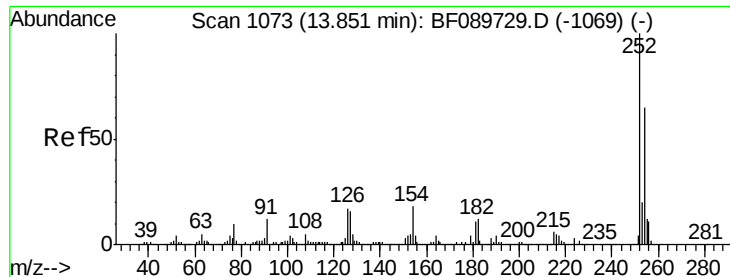


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





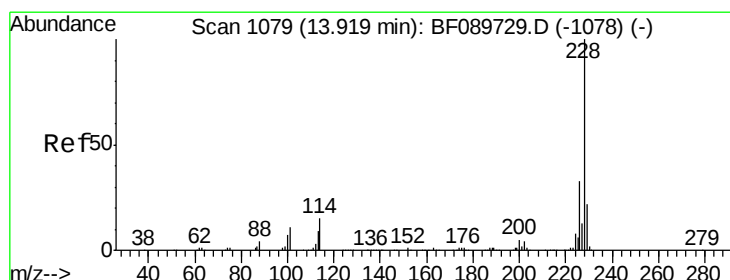
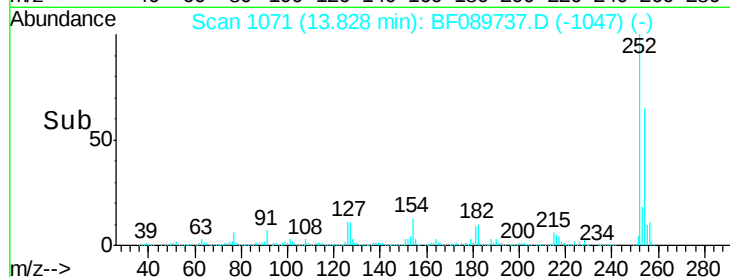
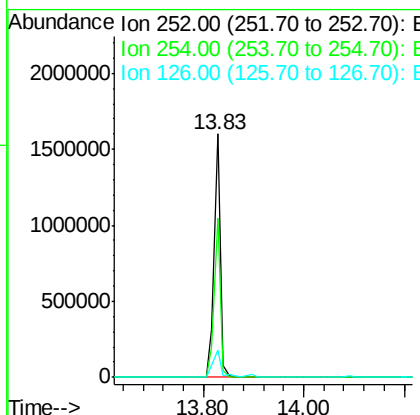
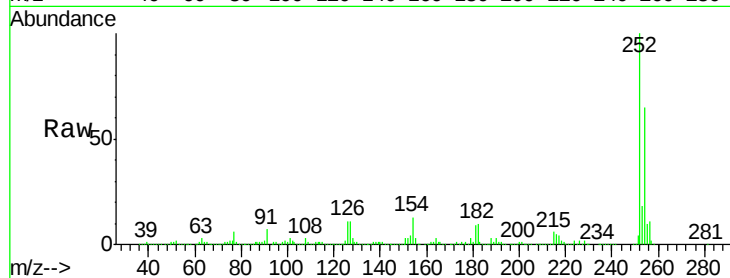
#81
 3,3'-Dichlorobenzidine
 Concen: 29.75 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.6	75.8
126	11.3	12.6	18.8

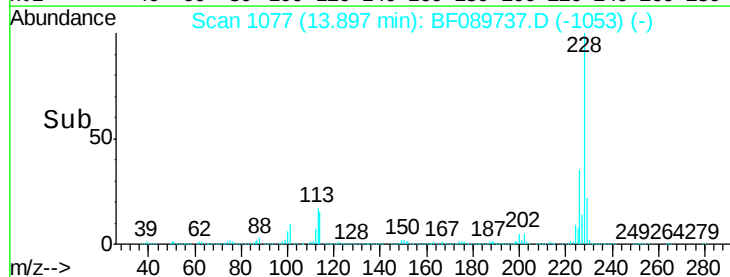
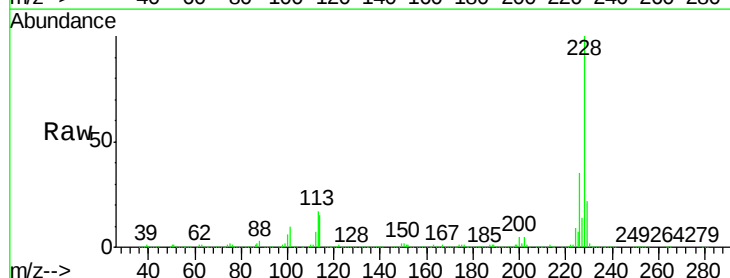
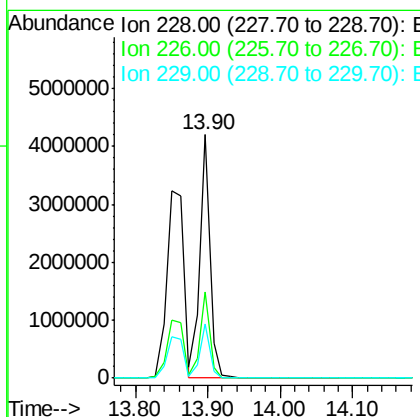
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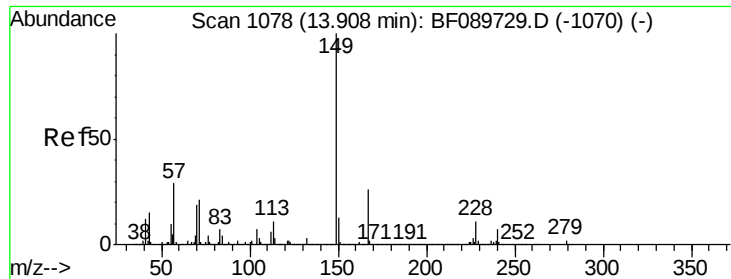
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#82
 Chrysene
 Concen: 35.81 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.4	38.0
229	22.3	16.5	24.7





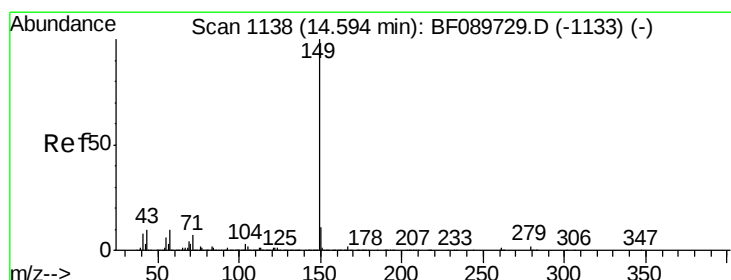
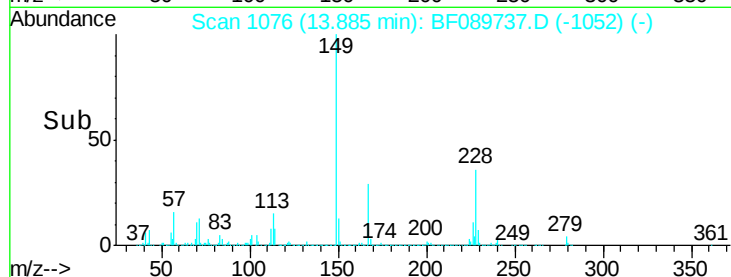
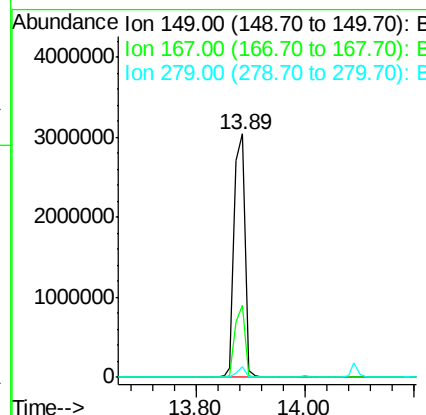
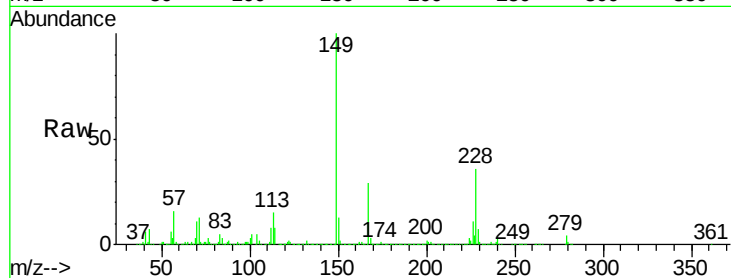
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.80 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion:149 Resp: 4119994
 Ion Ratio Lower Upper
 149 100
 167 29.4 21.2 31.8
 279 4.3 2.9 4.3

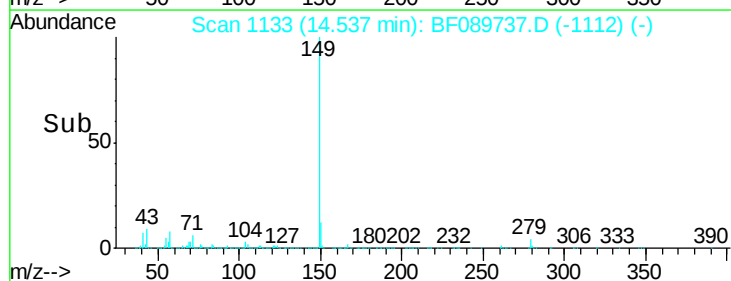
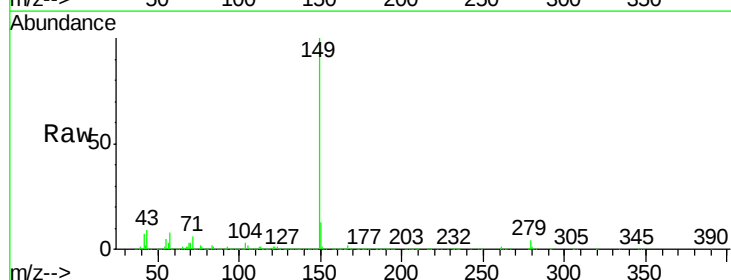
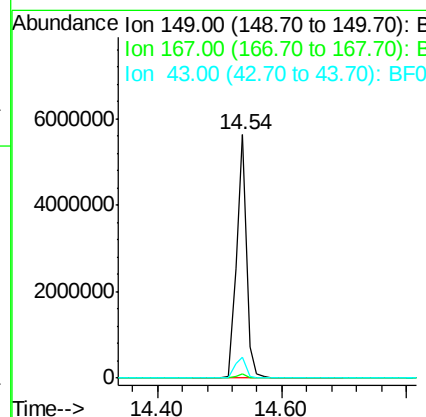
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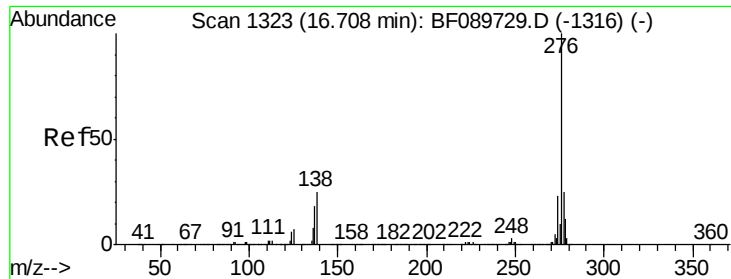
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#84
 Di-n-octyl phthalate
 Concen: 41.76 ng
 RT: 14.54 min Scan# 1133
 Delta R.T. -0.06 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion:149 Resp: 6248414
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 9.7 8.4 12.6





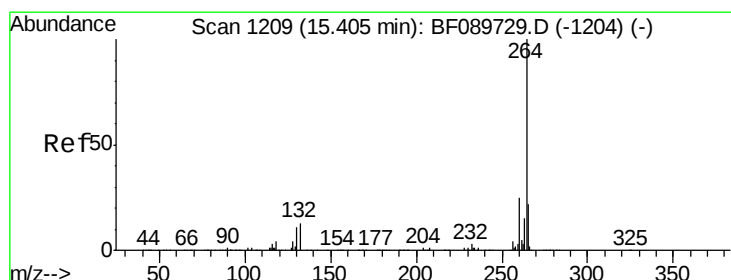
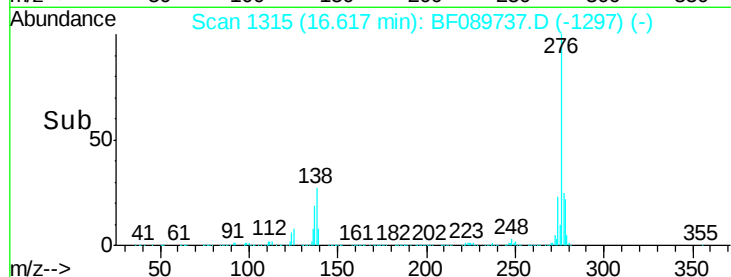
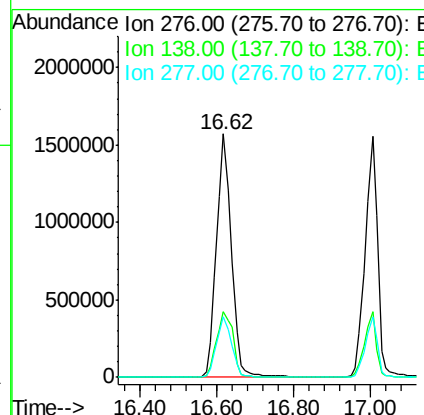
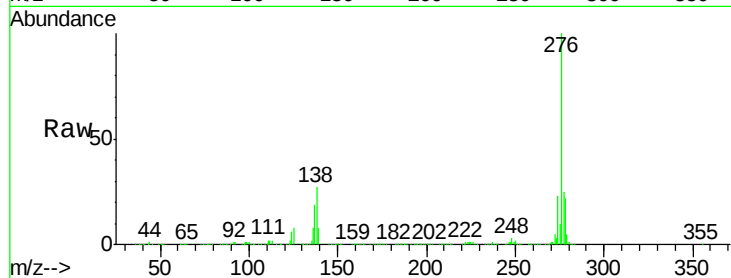
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.04 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. -0.09 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BS

Tgt Ion: 276 Resp: 4247732
 Ion Ratio Lower Upper
 276 100
 138 30.0 24.6 36.8
 277 25.4 20.4 30.6

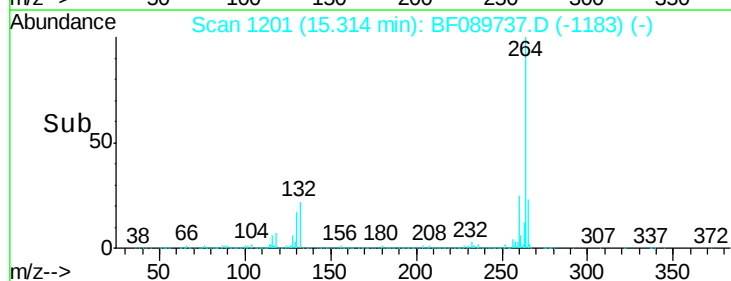
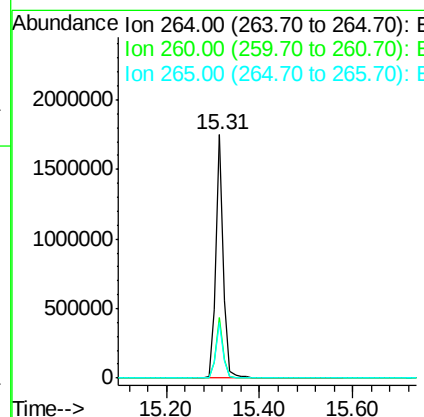
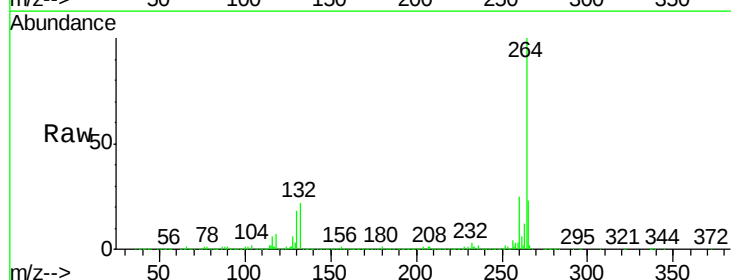
Manual Integrations
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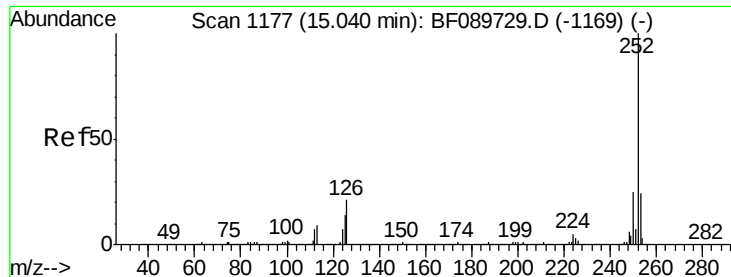
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.09 min
 Lab File: BF089737.D
 Acq: 17 Aug 2016 2:18

Tgt Ion: 264 Resp: 2014665
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 22.7 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 39.71 ng m

RT: 14.94 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

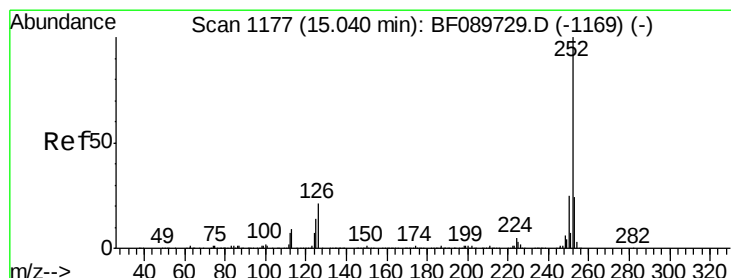
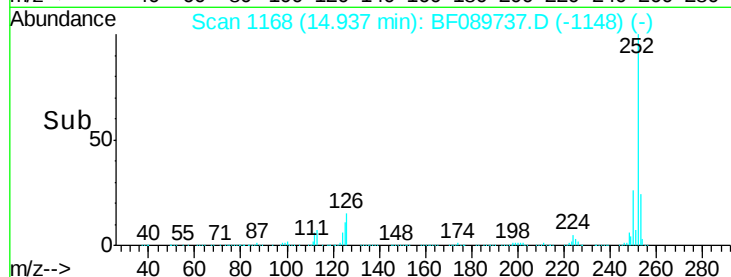
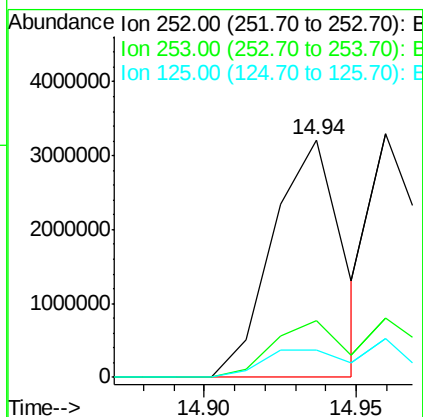
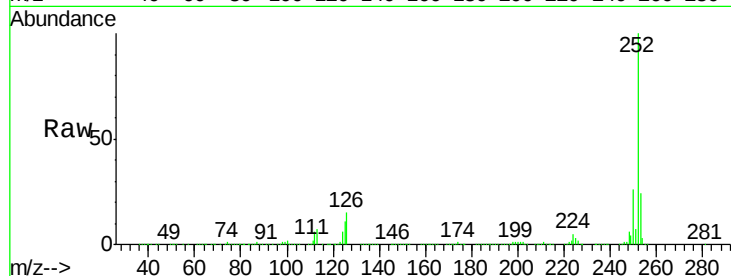
ClientSampleId :

PB92806BS

Tgt Ion:	252	Resp:	5069630
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	11.5	11.4	17.2

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#88

Benzo(k)fluoranthene

Concen: 36.82 ng m

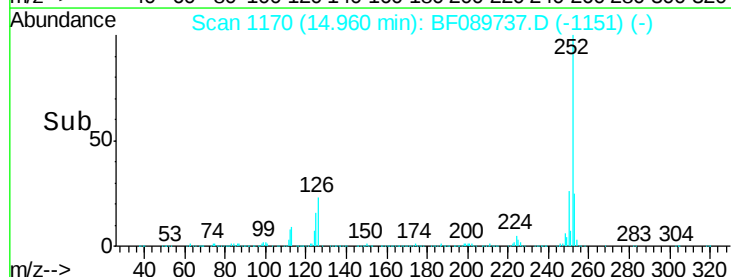
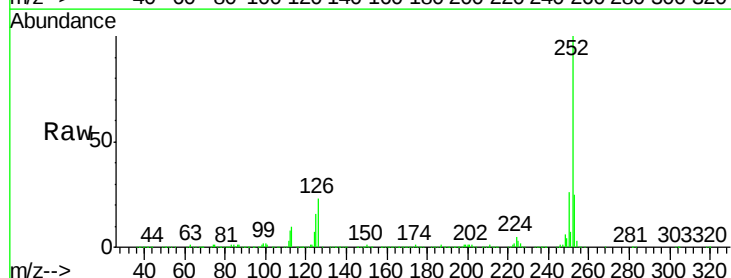
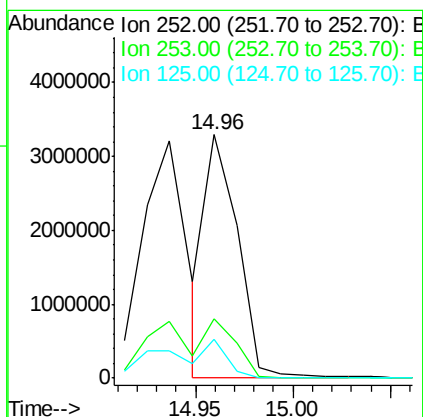
RT: 14.96 min Scan# 1170

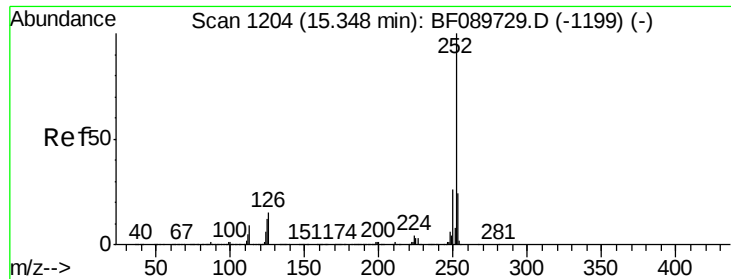
Delta R.T. -0.08 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Tgt Ion:	252	Resp:	3869113
Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	15.8	9.8	14.6#





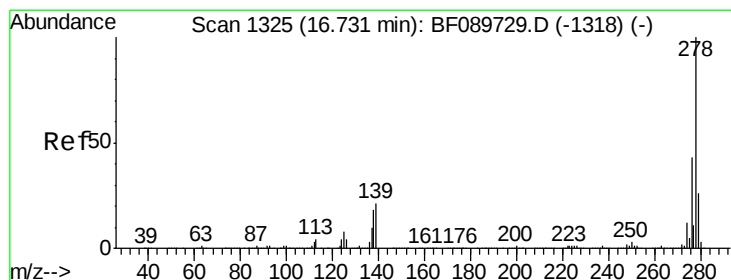
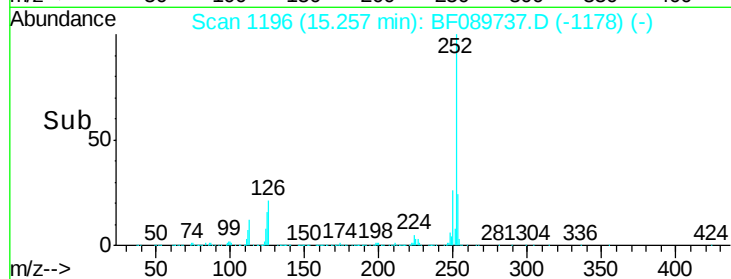
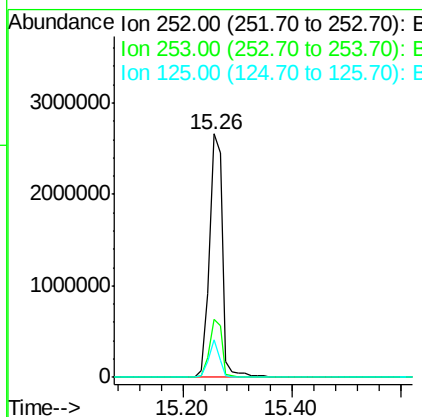
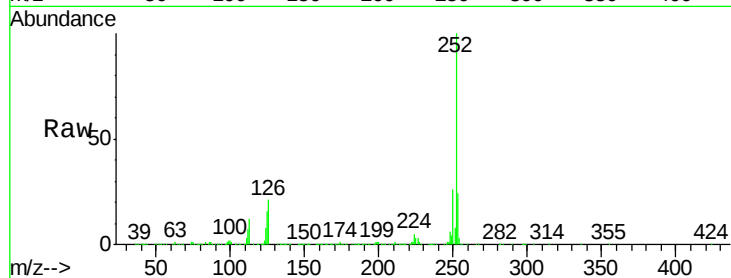
#89
Benzo(a)pyrene
Concen: 42.16 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.09 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Instrument :
BNA_F
ClientSampleId :
PB92806BS

Tgt Ion: 252 Resp: 4443735
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 15.7 11.7 17.5

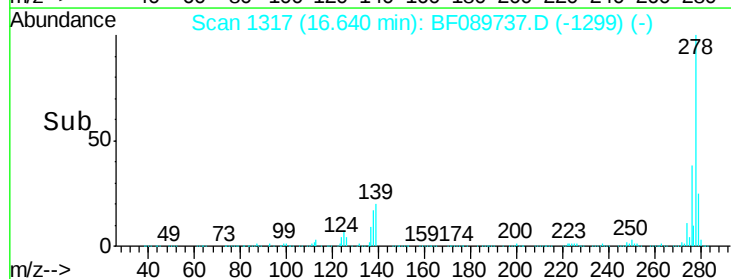
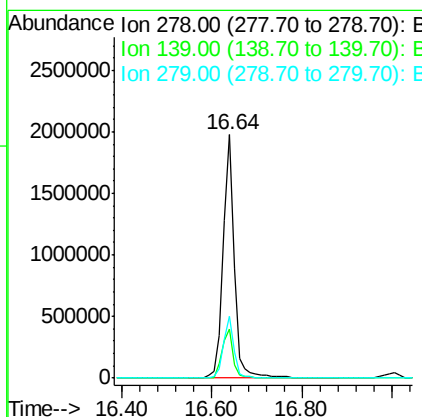
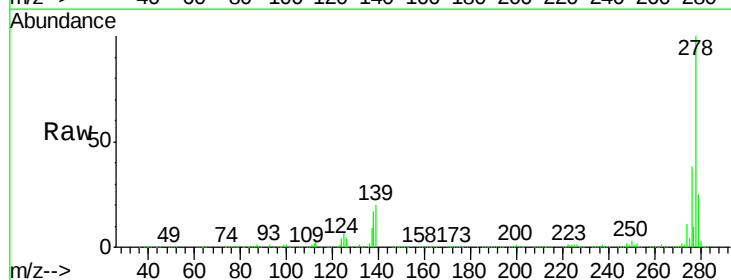
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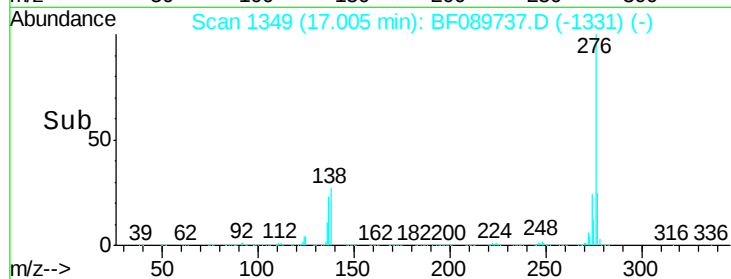
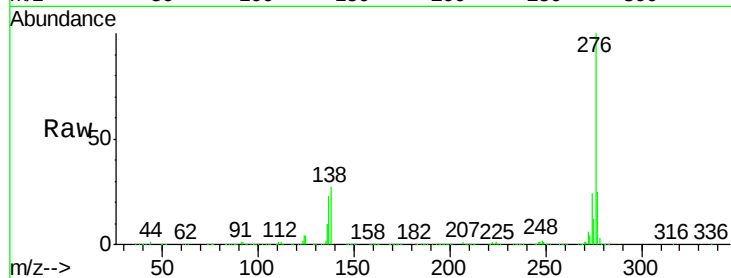
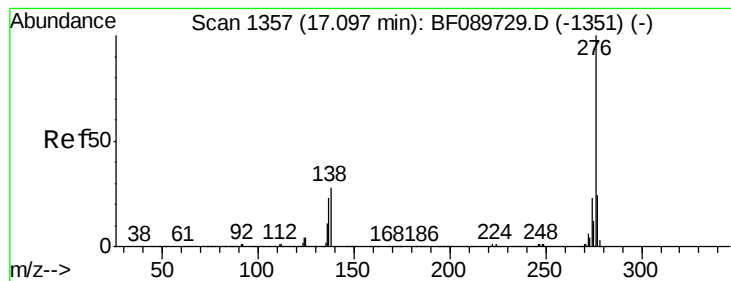
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#90
Dibenzo(a,h)anthracene
Concen: 41.53 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.09 min
Lab File: BF089737.D
Acq: 17 Aug 2016 2:18

Tgt Ion: 278 Resp: 3446564
Ion Ratio Lower Upper
278 100
139 20.1 14.9 22.3
279 25.5 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 41.45 ng

RT: 17.01 min Scan# 1349

Delta R.T. -0.09 min

Lab File: BF089737.D

Acq: 17 Aug 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB92806BS

Tgt Ion: 276 Resp: 3500854

Ion Ratio Lower Upper

276 100

277 25.2 19.2 28.8

138 27.3 22.1 33.1

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