

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084633.D
 Acq On : 29 Jan 2016 13:54
 Operator : SJ/IZ
 Sample : PB88038BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Quant Time: Jan 29 23:04:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	130620	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	703871	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	342496	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	627533	20.00	ng	0.00
75) Chrysene-d12	13.88	240	519679	20.00	ng	0.01
86) Perylene-d12	15.27	264	471938	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1087767	125.71	ng	0.02
7) Phenol-d6	6.37	99	1238758	119.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1036978	82.33	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	417914	116.42	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1644568	71.37	ng	0.00
78) Terphenyl-d14	12.83	244	1695872	73.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	165835	41.10	ng	# 77
3) Pyridine	2.99	79	401681	37.37	ng	# 74
4) n-Nitrosodimethylamine	2.94	42	249203	47.41	ng	85
6) Aniline	6.38	93	163840	12.31	ng	# 1
8) 2-Chlorophenol	6.51	128	403383	42.03	ng	91
9) Benzaldehyde	6.27	77	21036	3.50	ng	96
10) Phenol	6.38	94	371052	32.10	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	344084	38.27	ng	# 83
12) 1,3-Dichlorobenzene	6.90	146	381345	37.08	ng	99
13) 1,4-Dichlorobenzene	6.74	146	359279	35.60	ng	98
14) 1,2-Dichlorobenzene	6.90	146	381298	41.03	ng	97
15) Benzyl Alcohol	6.88	79	315019	44.63	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.01	45	585331	38.04	ng	85
17) 2-Methylphenol	7.00	107	295636	39.73	ng	# 91
18) Hexachloroethane	7.24	117	194129	49.17	ng	# 87
19) n-Nitroso-di-n-propylamine	7.15	70	280823	44.33	ng	# 75
20) 3+4-Methylphenols	7.15	107	397117	43.98	ng	# 76
22) Acetophenone	7.14	105	547860	29.80	ng	97
24) Nitrobenzene	7.31	77	447656	33.44	ng	96
25) Isophorone	7.55	82	870000	36.87	ng	97
26) 2-Nitrophenol	7.63	139	248447	39.03	ng	# 86
27) 2,4-Dimethylphenol	7.68	122	415999	37.29	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	527901	37.28	ng	100
29) 2,4-Dichlorophenol	7.88	162	384173	39.37	ng	94
30) 1,2,4-Trichlorobenzene	7.95	180	395813	35.47	ng	97
31) Naphthalene	8.03	128	1233129	34.70	ng	99
32) Benzoic acid	7.81	122	283064	33.05	ng	96
33) 4-Chloroaniline	8.09	127	88485	6.12	ng	96
34) Hexachlorobutadiene	8.16	225	246087	37.32	ng	98
35) Caprolactam	8.45	113	84786	30.28	ng	# 51
36) 4-Chloro-3-methylphenol	8.59	107	437189	40.70	ng	92
37) 2-Methylnaphthalene	8.73	142	938129	43.01	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	359702	32.38	ng	97
40) Hexachlorocyclopentadiene	8.88	237	418496	82.87	ng	96

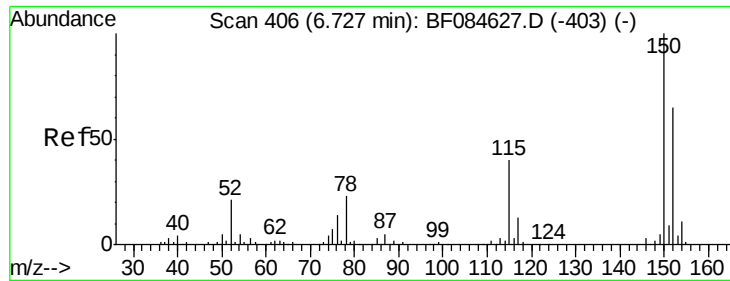
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	267317	38.74	ng	92
43) 2,4,5-Trichlorophenol	9.06	196	268765	37.73	ng	93
45) 1,1'-Biphenyl	9.20	154	1079808	34.40	ng	95
46) 2-Chloronaphthalene	9.22	162	805461	35.17	ng	# 86
47) 2-Nitroaniline	9.31	65	237733	34.56	ng	95
48) Acenaphthylene	9.63	152	1288114	37.12	ng	99
49) Dimethylphthalate	9.50	163	983288	38.25	ng	# 91
50) 2,6-Dinitrotoluene	9.56	165	229148	40.52	ng	92
51) Acenaphthene	9.80	154	840893	36.19	ng	98
52) 3-Nitroaniline	9.72	138	55605	9.41	ng	88
53) 2,4-Dinitrophenol	9.84	184	254855	91.32	ng	# 89
54) Dibenzofuran	9.97	168	1146865	41.36	ng	95
55) 4-Nitrophenol	9.90	139	337353	77.71	ng	# 79
56) 2,4-Dinitrotoluene	9.96	165	292789	39.85	ng	# 90
57) Fluorene	10.32	166	903225	38.42	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	225810	41.92	ng	89
59) Diethylphthalate	10.20	149	1000100	39.74	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	380070	36.02	ng	93
61) 4-Nitroaniline	10.34	138	206513	36.92	ng	94
62) Azobenzene	10.46	77	980793	40.72	ng	88
64) 4,6-Dinitro-2-methylphenol	10.37	198	162441	39.63	ng	69
65) n-Nitrosodiphenylamine	10.43	169	817209	40.16	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	276170	39.08	ng	# 90
67) Hexachlorobenzene	10.85	284	286054	37.21	ng	# 85
68) Atrazine	10.96	200	236818	38.85	ng	96
69) Pentachlorophenol	11.06	266	322634	86.87	ng	98
70) Phenanthrene	11.26	178	1260759	36.33	ng	98
71) Anthracene	11.32	178	1416317	40.14	ng	99
72) Carbazole	11.48	167	1304894	42.92	ng	98
73) Di-n-butylphthalate	11.81	149	1437541	38.87	ng	# 96
74) Fluoranthene	12.45	202	1487048	43.35	ng	96
76) Benzidine	12.58	184	352341	17.83	ng	99
77) Pyrene	12.68	202	1541427	39.33	ng	99
79) Butylbenzylphthalate	13.31	149	678153	40.50	ng	98
80) Benzo(a)anthracene	13.87	228	1247815	38.52	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	233176	20.46	ng	98
82) Chrysene	13.91	228	1207321	37.81	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	833177	38.36	ng	98
84) Di-n-octyl phthalate	14.49	149	1500613	43.73	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.57	276	977665	34.63	ng	98
87) Benzo(b)fluoranthene	14.88	252	2177228	71.25	ng	97
88) Benzo(k)fluoranthene	14.88	252	2177228	86.26	ng	98
89) Benzo(a)pyrene	15.21	252	1046721	39.60	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	814872	34.21	ng	# 94
91) Benzo(g,h,i)perylene	16.97	276	788075	32.76	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

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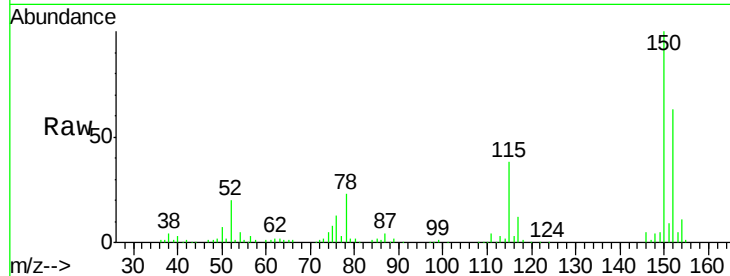
Tgt Ion:152 Resp: 130620

Ion Ratio Lower Upper

152 100

150 157.7 123.0 184.4

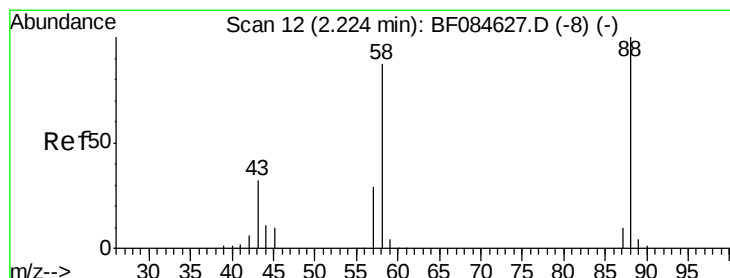
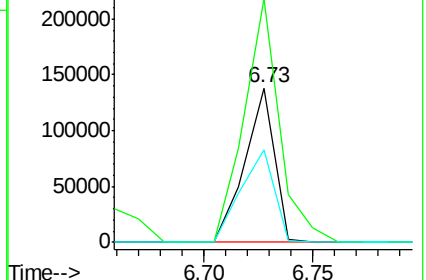
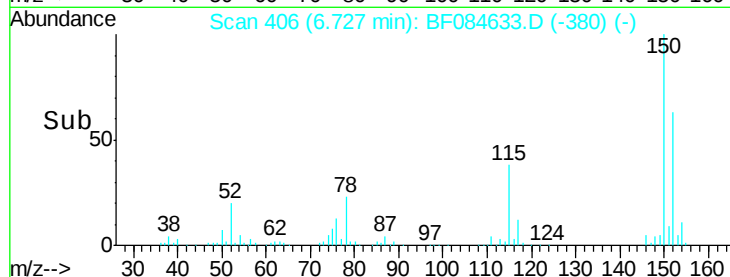
115 59.9 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.10 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.09 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

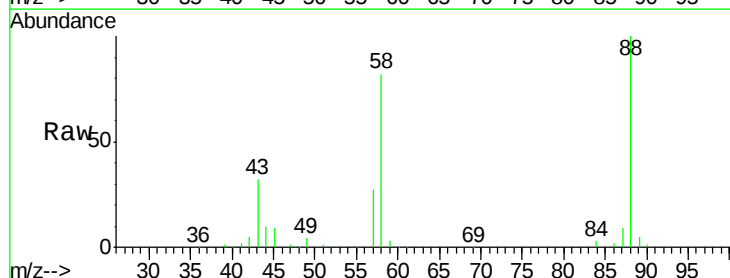
Tgt Ion: 88 Resp: 165835

Ion Ratio Lower Upper

88 100

58 84.0 51.2 76.8#

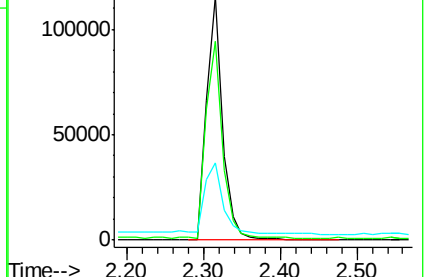
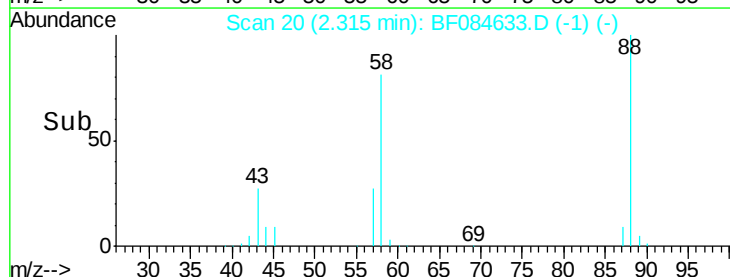
43 31.7 19.5 29.3#

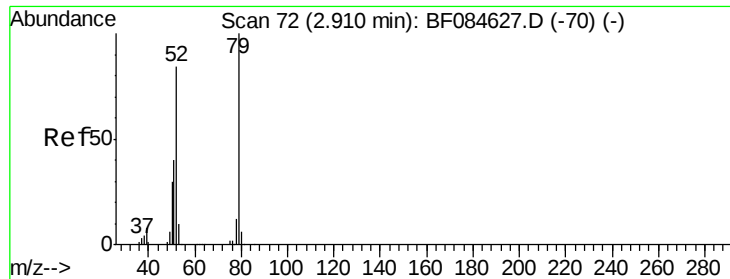


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.37 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

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ClientSampleId :

PB88038BS

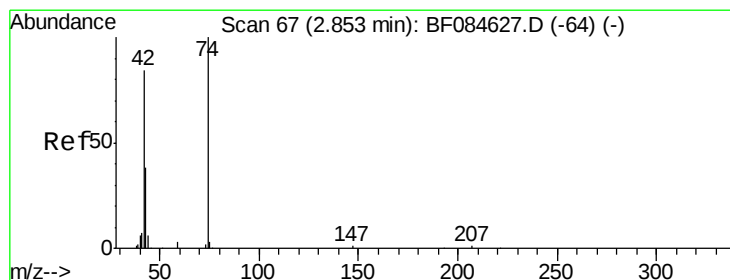
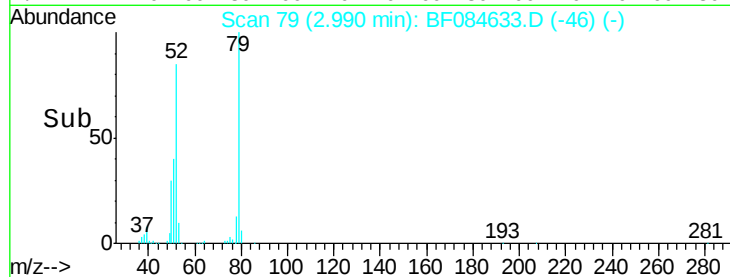
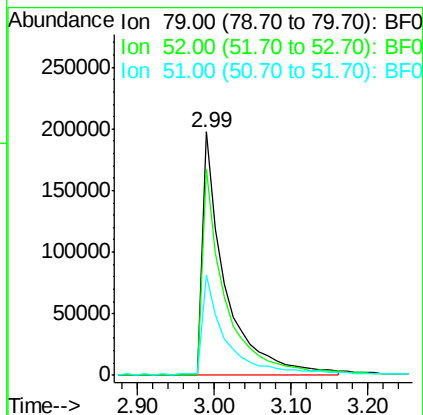
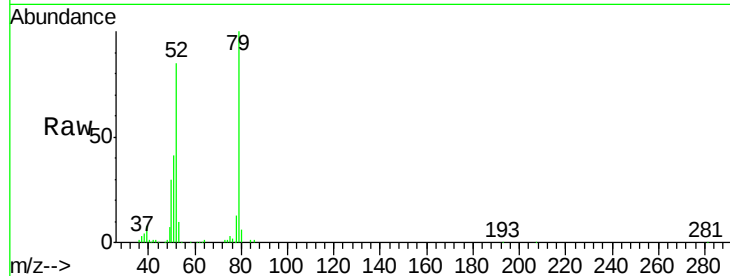
Tgt Ion: 79 Resp: 401681

Ion Ratio Lower Upper

79 100

52 84.6 49.0 73.4#

51 41.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 47.41 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.09 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

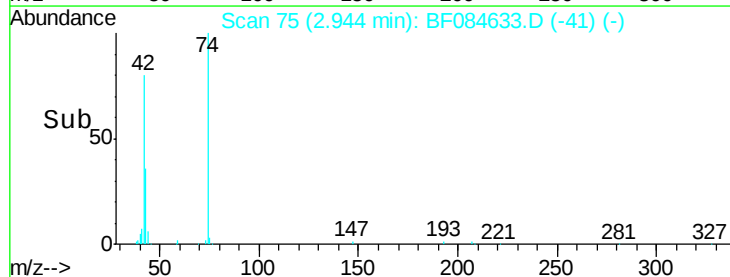
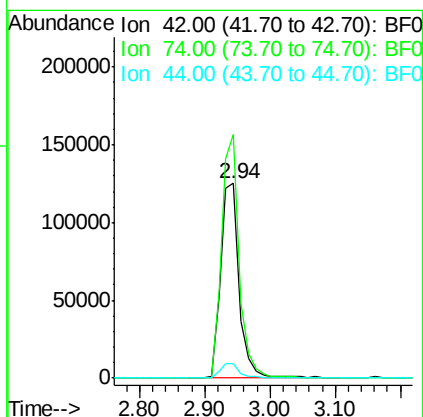
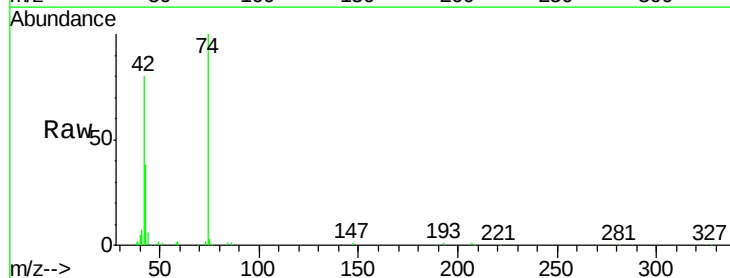
Tgt Ion: 42 Resp: 249203

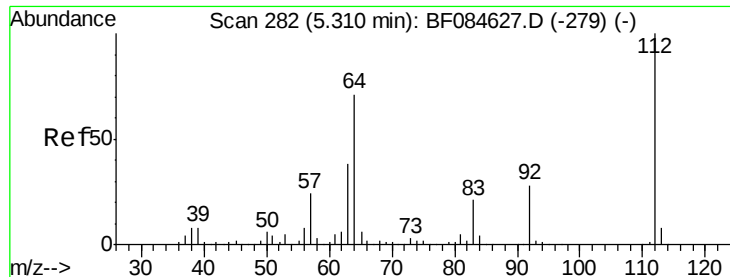
Ion Ratio Lower Upper

42 100

74 125.2 115.7 173.5

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 125.71 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

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PB88038BS

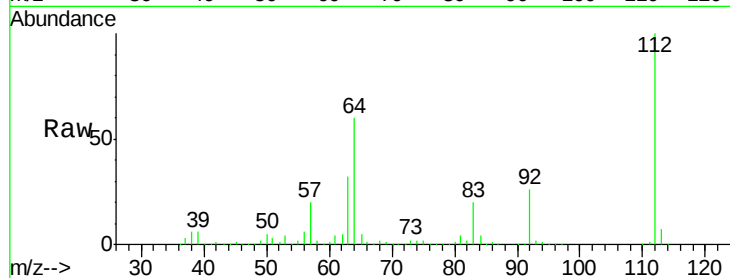
Tgt Ion: 112 Resp: 1087767

Ion Ratio Lower Upper

112 100

64 59.7 36.6 55.0#

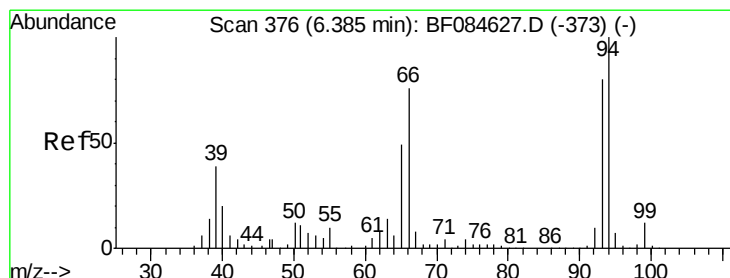
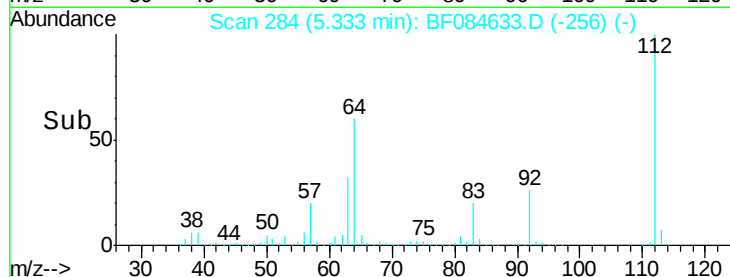
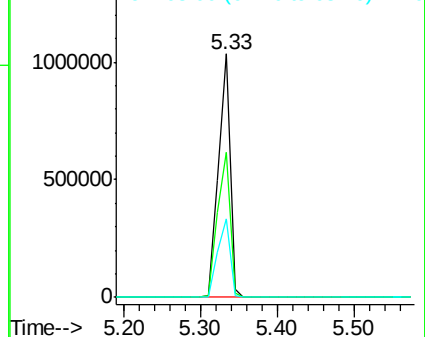
63 32.1 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.31 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

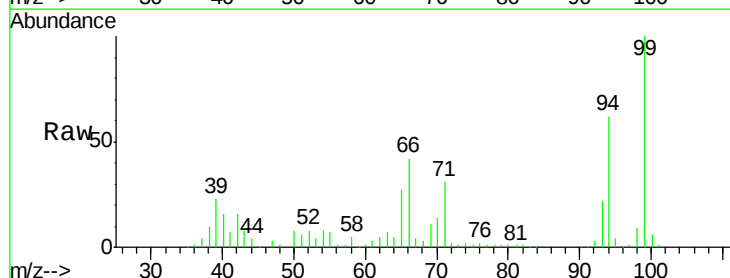
Tgt Ion: 93 Resp: 163840

Ion Ratio Lower Upper

93 100

66 193.5 44.9 67.3#

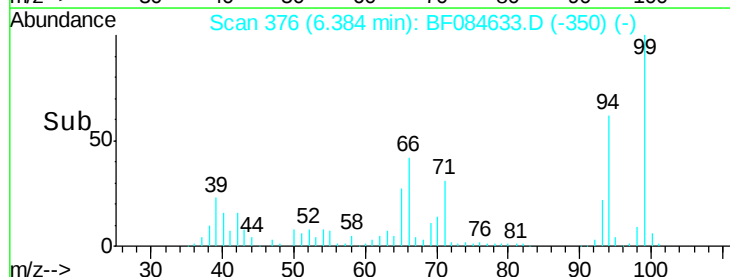
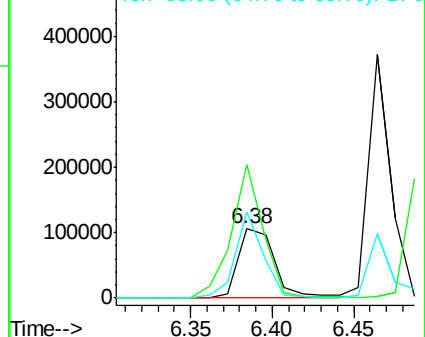
65 123.9 23.7 35.5#

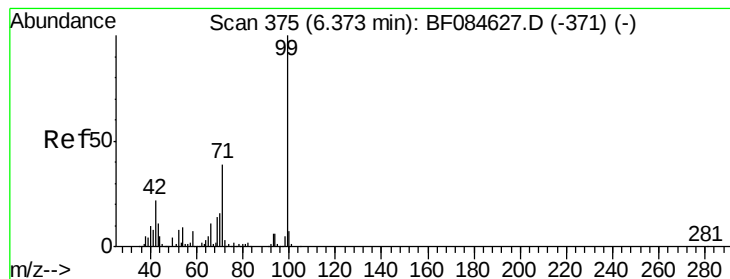


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.44 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

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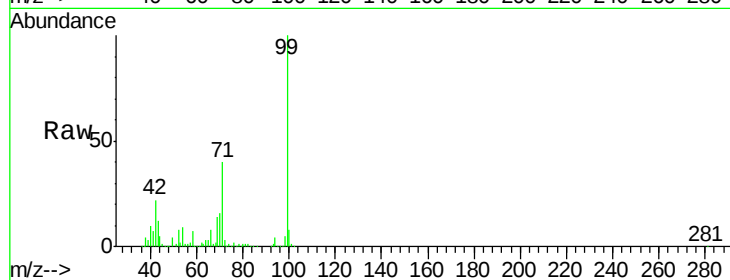
Tgt Ion: 99 Resp: 1238758

Ion Ratio Lower Upper

99 100

42 22.2 12.8 19.2#

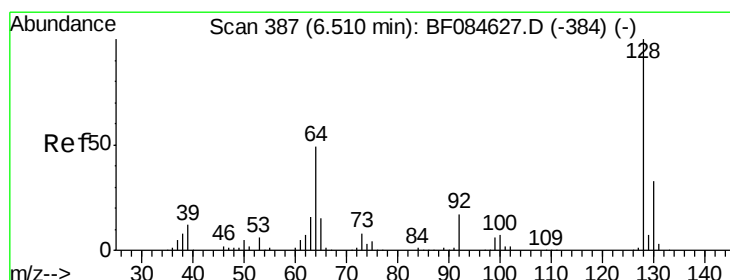
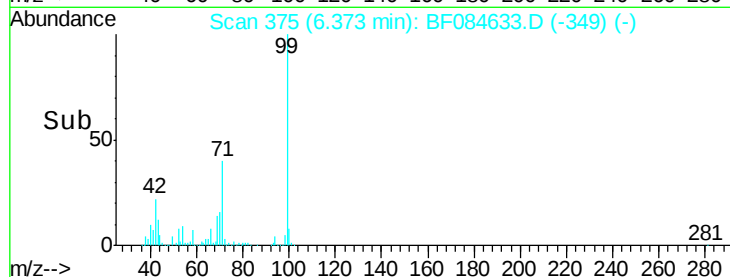
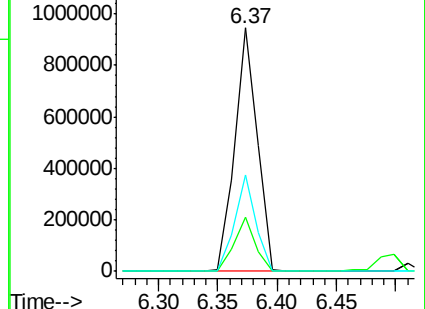
71 39.7 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.03 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

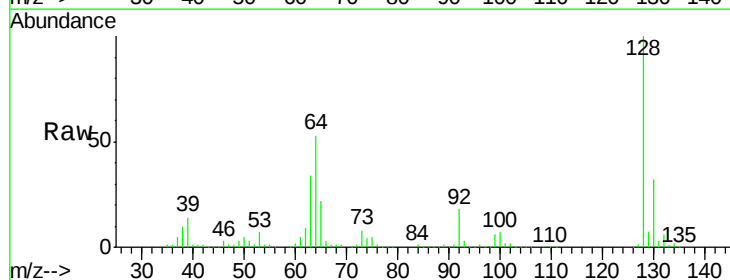
Tgt Ion: 128 Resp: 403383

Ion Ratio Lower Upper

128 100

130 32.0 11.6 51.6

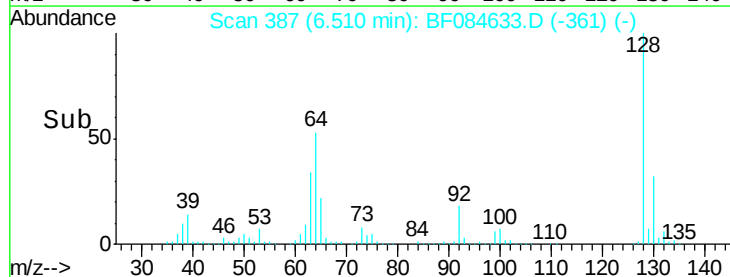
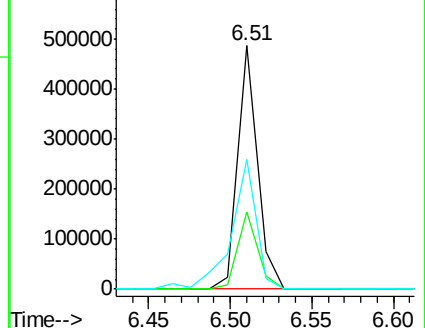
64 53.0 23.8 63.8

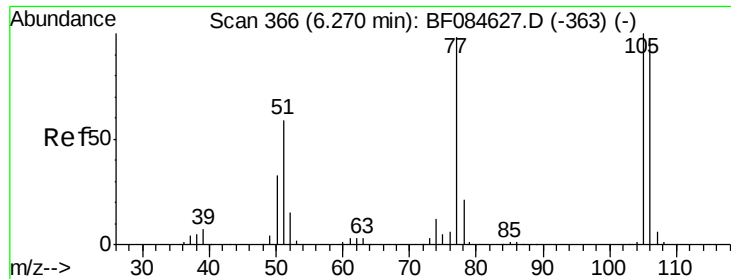


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.50 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

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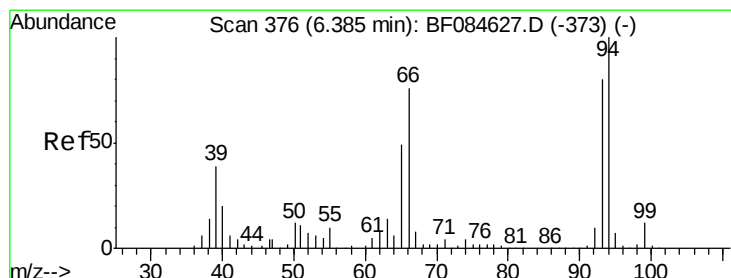
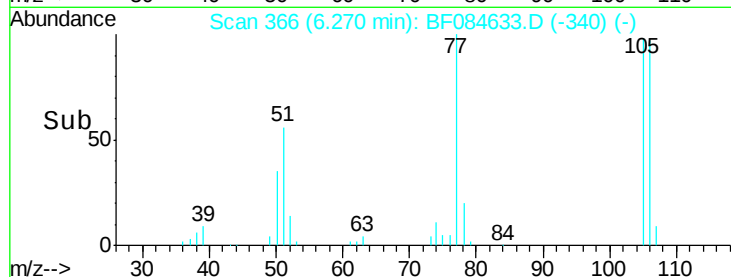
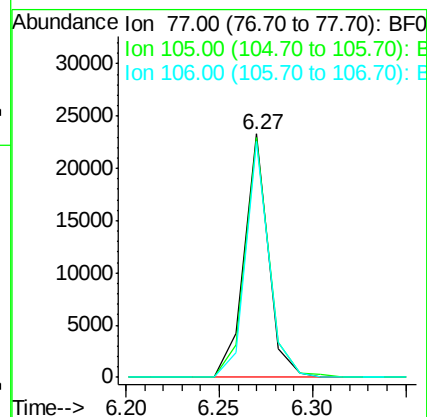
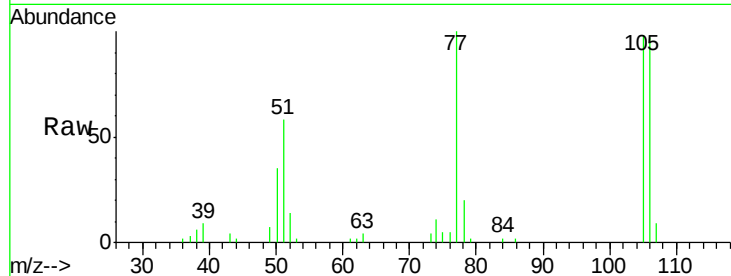
Tgt Ion: 77 Resp: 21036

Ion Ratio Lower Upper

77 100

105 98.2 83.0 123.0

106 97.0 74.6 114.6



#10

Phenol

Concen: 32.10 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

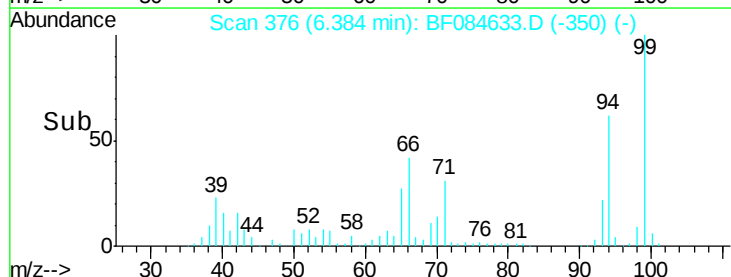
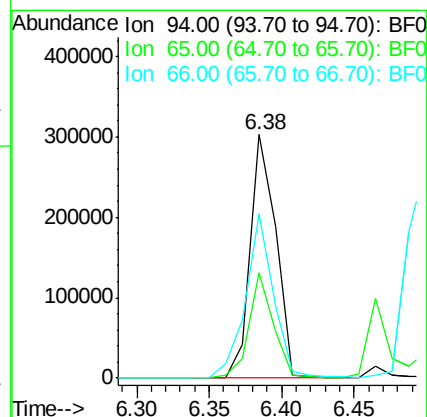
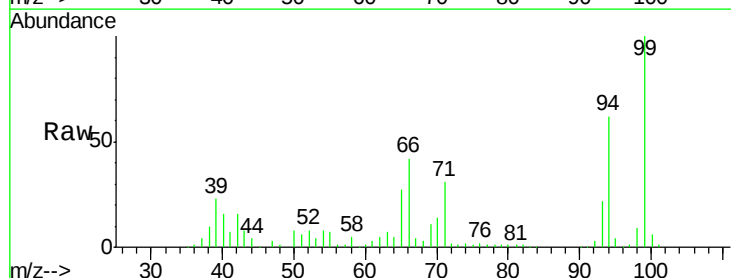
Tgt Ion: 94 Resp: 371052

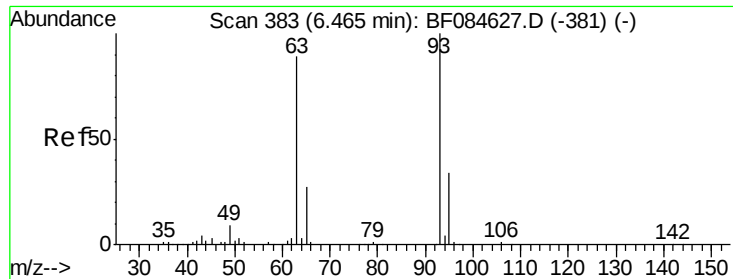
Ion Ratio Lower Upper

94 100

65 43.2 12.9 52.9

66 67.4 32.7 72.7

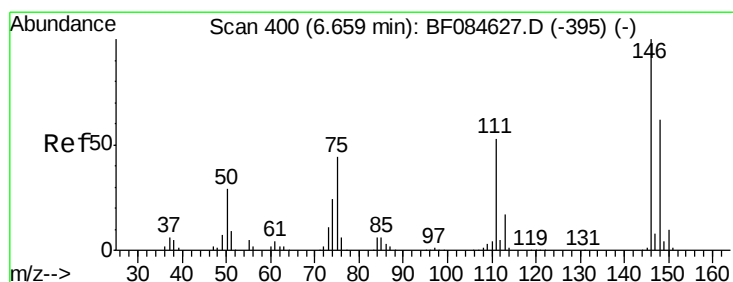
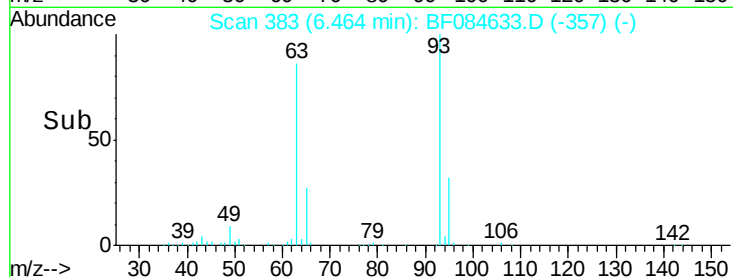
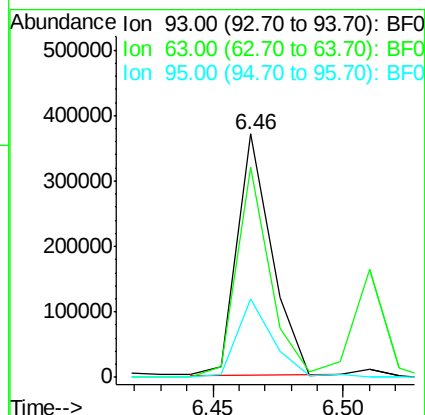
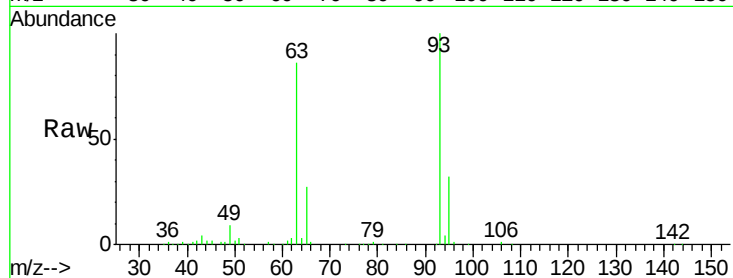




#11
bis(2-Chloroethyl)ether
Concen: 38.27 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

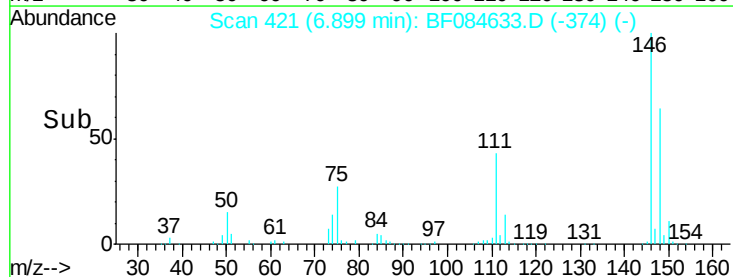
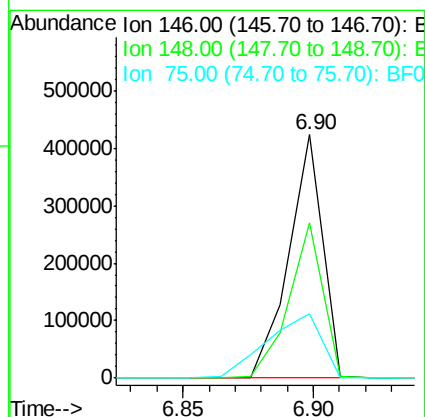
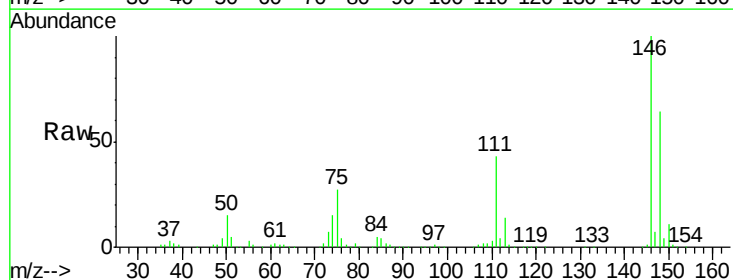
Instrument :
BNA_F
ClientSampleId :
PB88038BS

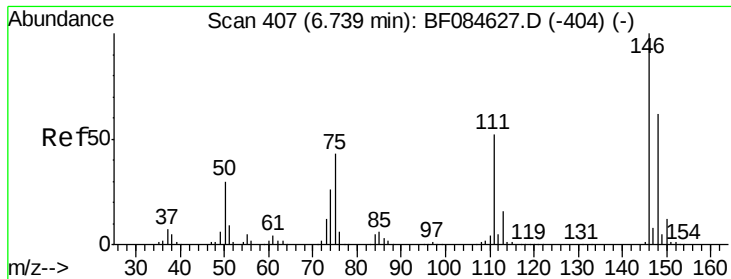
Tgt Ion: 93 Resp: 344084
Ion Ratio Lower Upper
93 100
63 86.4 45.9 85.9#
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.08 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.24 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion: 146 Resp: 381345
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 26.6 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 35.60 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

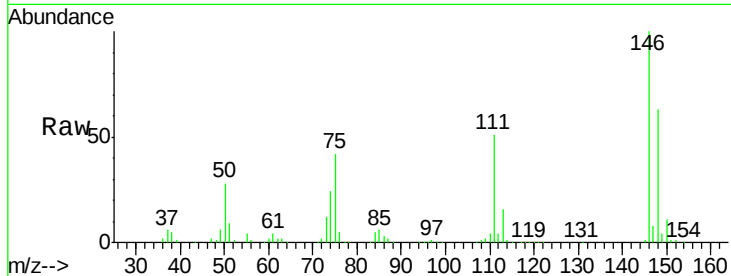
Tgt Ion:146 Resp: 359279

Ion Ratio Lower Upper

146 100

148 63.2 51.9 77.9

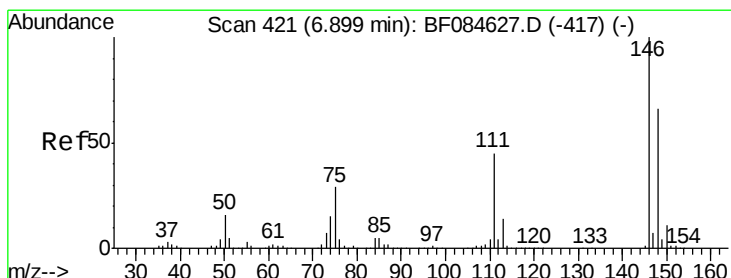
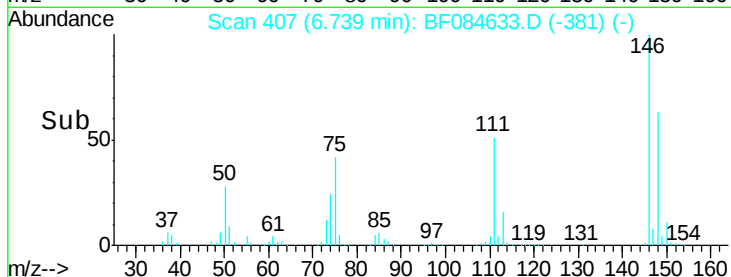
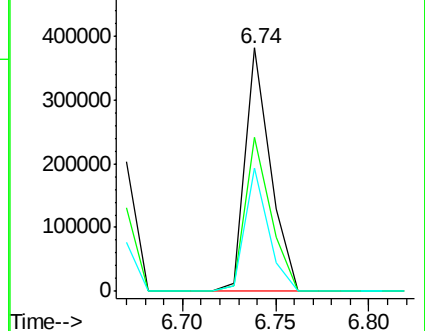
111 50.7 41.6 62.4



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: 41.03 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

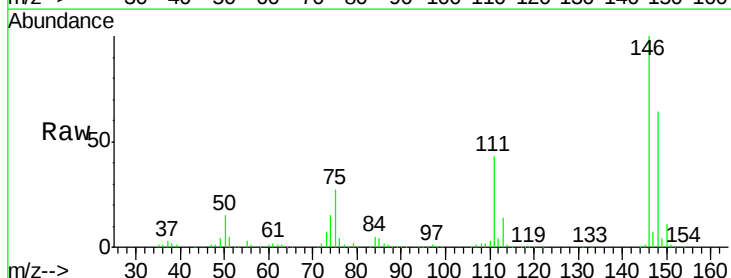
Tgt Ion:146 Resp: 381298

Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

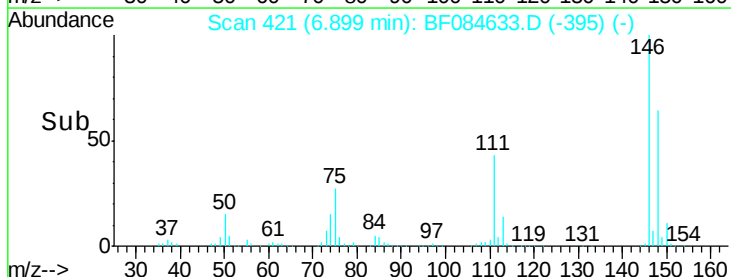
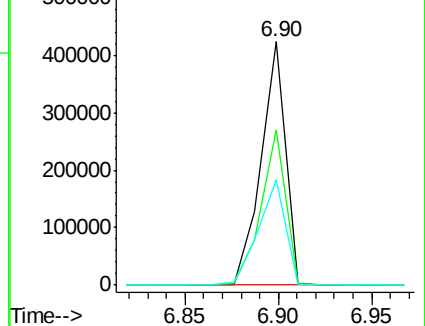
111 43.4 38.0 57.0

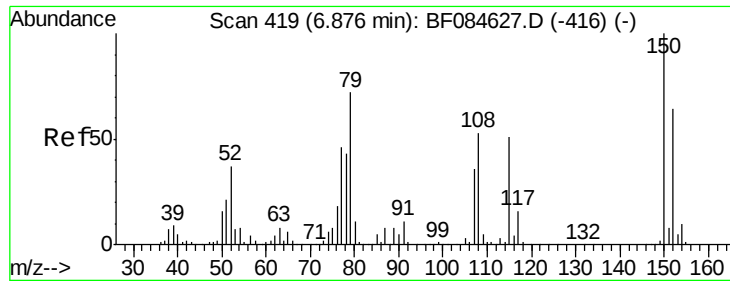


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.63 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

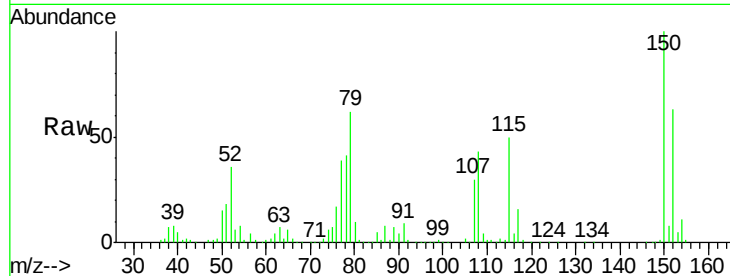
Tgt Ion: 79 Resp: 315019

Ion Ratio Lower Upper

79 100

108 69.9 69.0 103.4

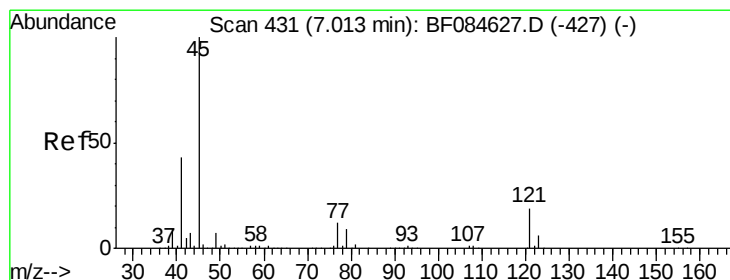
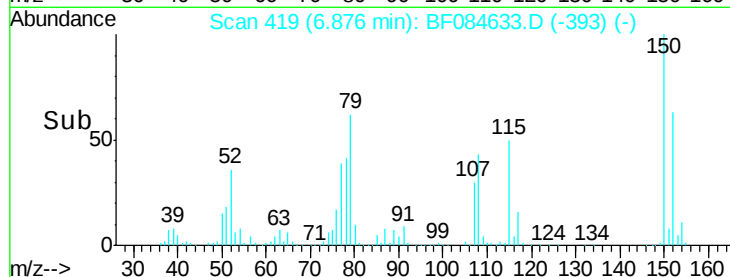
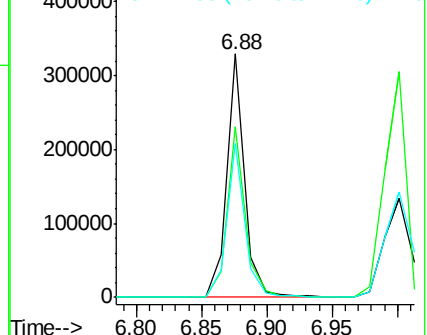
77 63.4 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.04 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

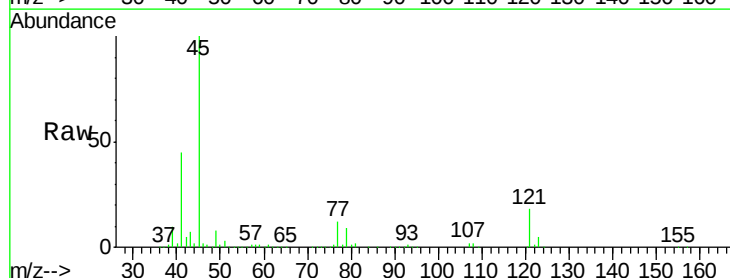
Tgt Ion: 45 Resp: 585331

Ion Ratio Lower Upper

45 100

77 12.4 0.0 39.6

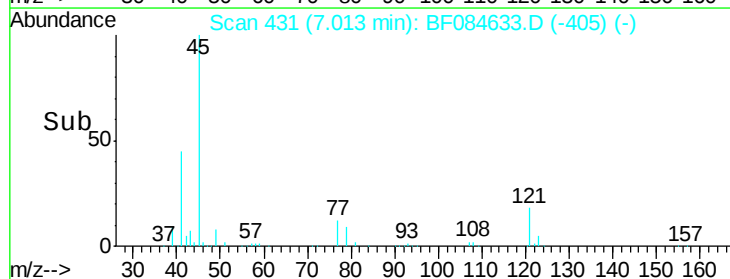
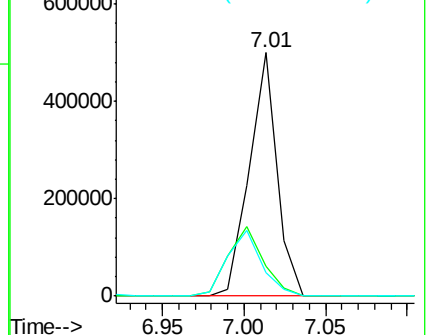
79 9.4 0.0 35.0

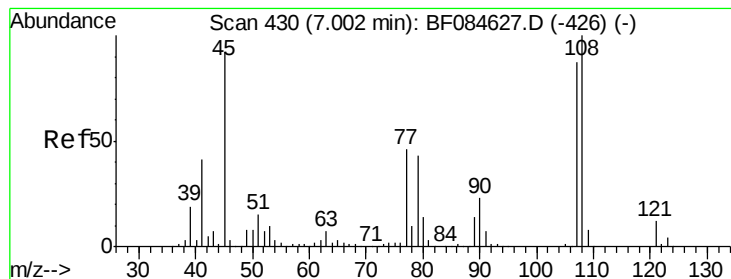


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.73 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tgt Ion:107 Resp: 295636

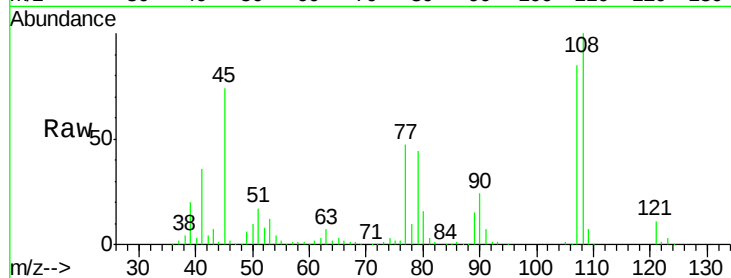
Ion Ratio Lower Upper

107 100

108 118.2 89.8 134.6

77 55.5 35.7 53.5#

79 51.9 35.7 53.5



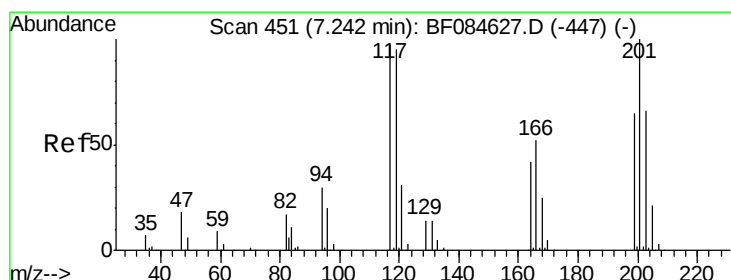
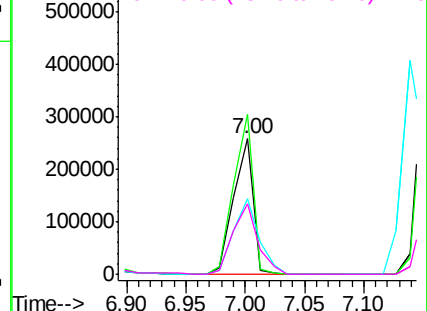
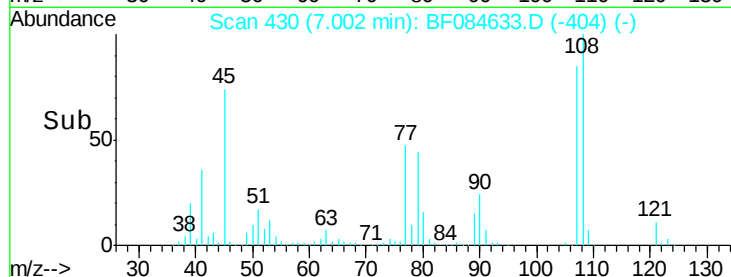
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 49.17 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

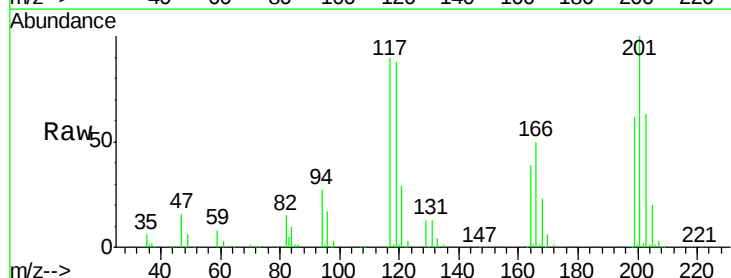
Tgt Ion:117 Resp: 194129

Ion Ratio Lower Upper

117 100

119 97.5 77.4 116.0

201 111.0 68.6 103.0#

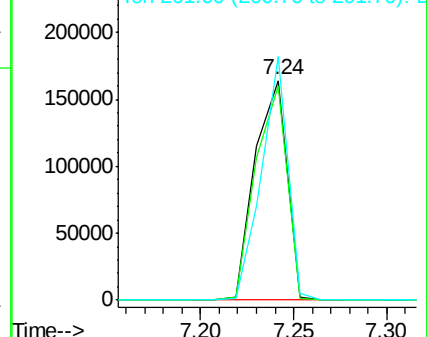
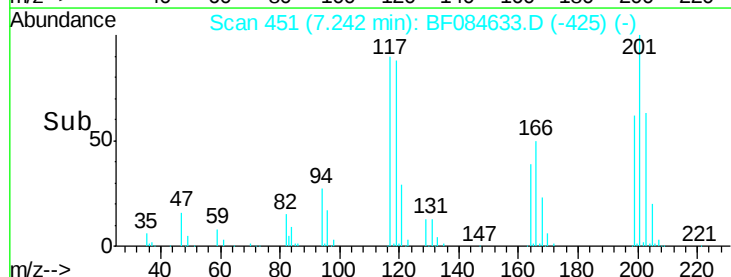


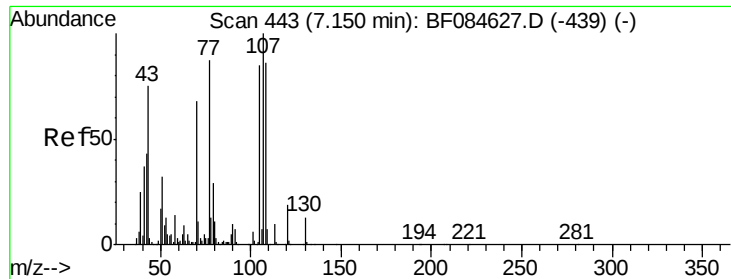
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

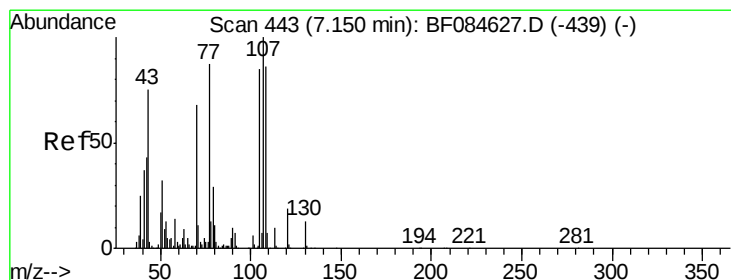
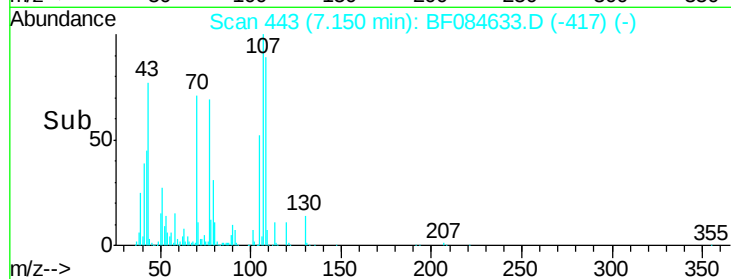
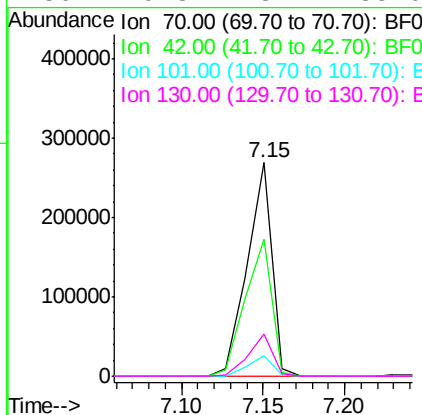
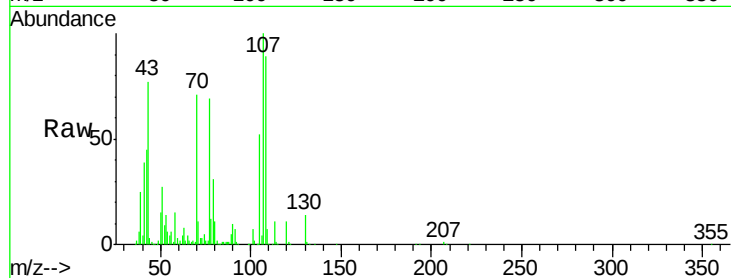




#19
n-Nitroso-di-n-propylamine
Concen: 44.33 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

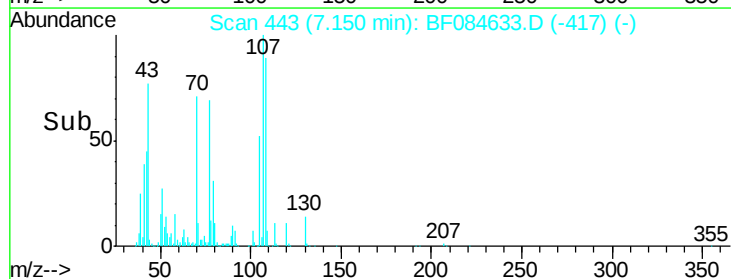
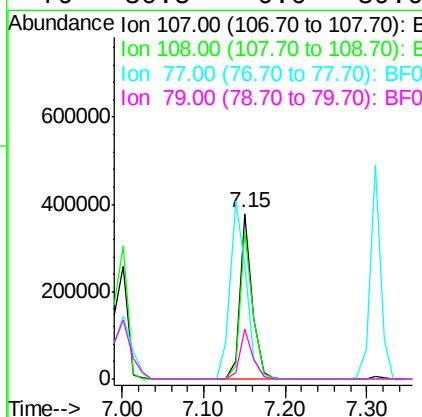
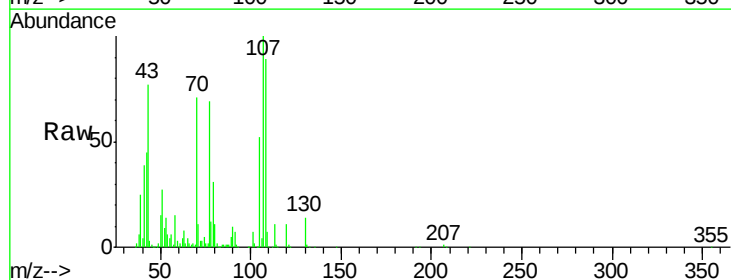
Instrument :
BNA_F
ClientSampleId :
PB88038BS

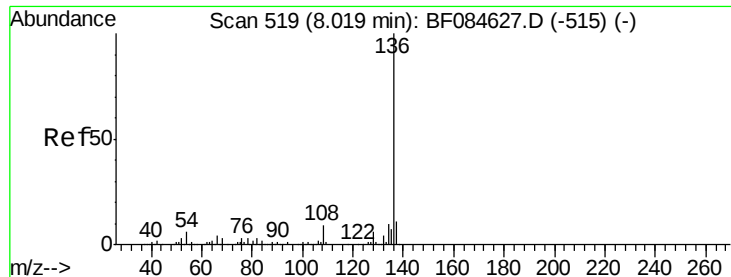
Tgt Ion:	70	Resp:	280823
Ion	Ratio	Lower	Upper
70	100		
42	64.0	33.3	49.9#
101	9.8	9.3	13.9
130	19.8	23.4	35.0#



#20
3+4-Methylphenols
Concen: 43.98 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion:	107	Resp:	397117
Ion	Ratio	Lower	Upper
107	100		
108	88.6	74.6	114.6
77	68.6	0.7	40.7#
79	30.5	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tgt Ion:136 Resp: 703871

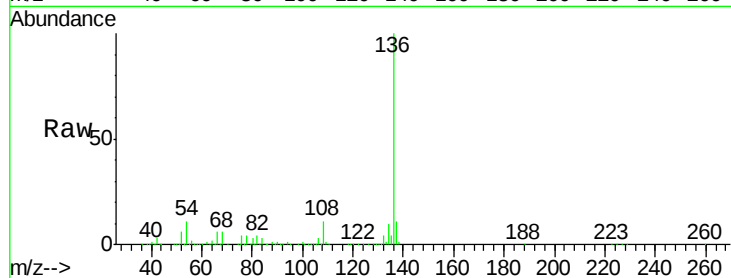
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.8 5.8 8.8#

68 5.6 4.2 6.2

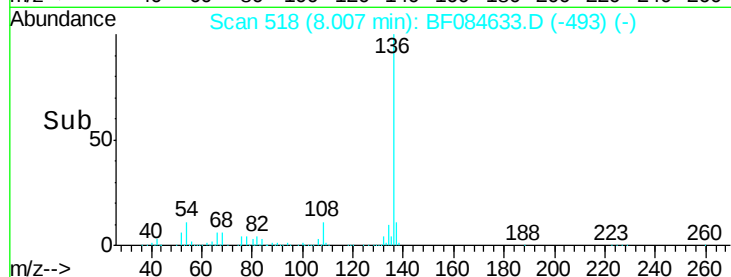


Abundance Ion 136.00 (135.70 to 136.70): E

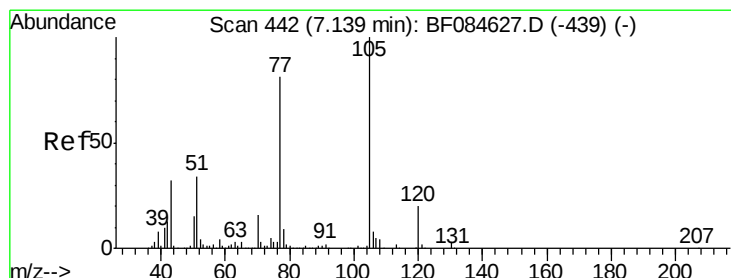
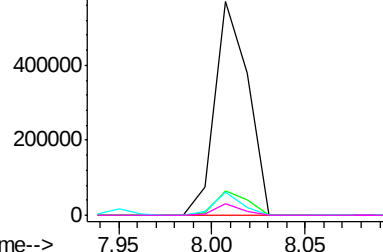
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 29.80 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:105 Resp: 547860

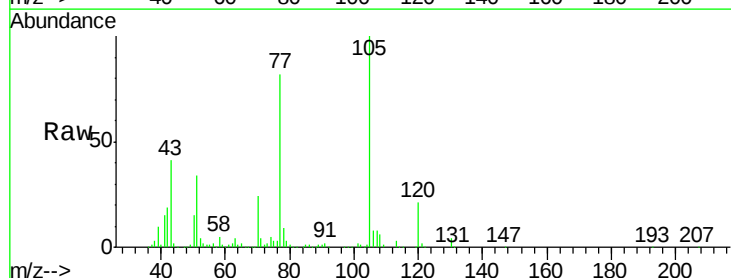
Ion Ratio Lower Upper

105 100

71 4.1 3.7 5.5

51 33.8 25.1 37.7

120 20.8 16.6 25.0

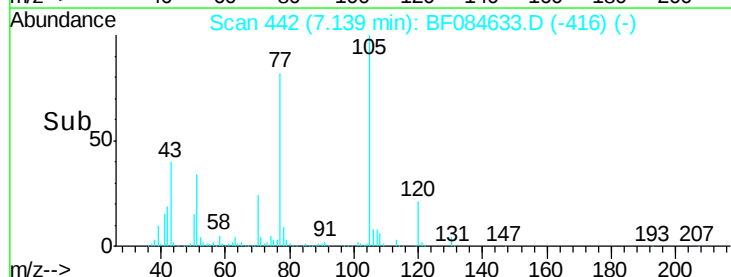


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

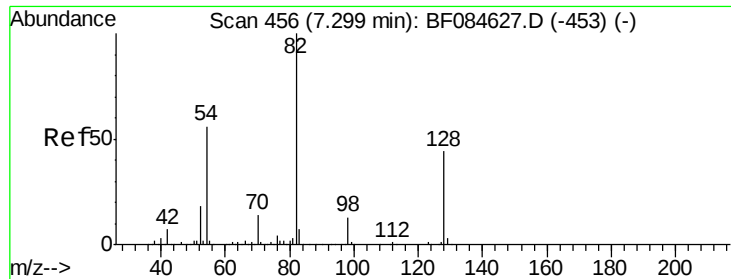
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

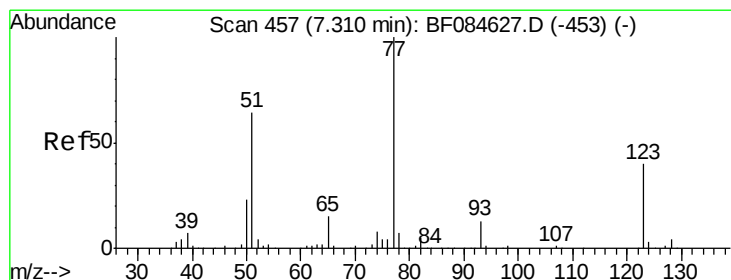
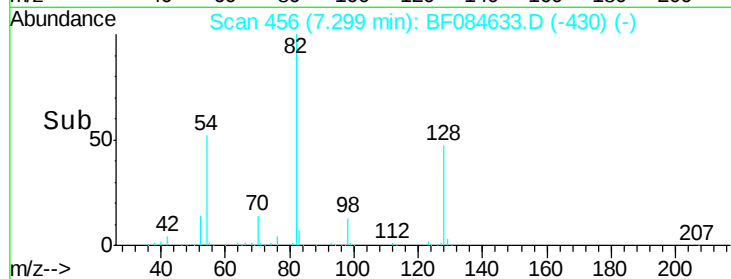
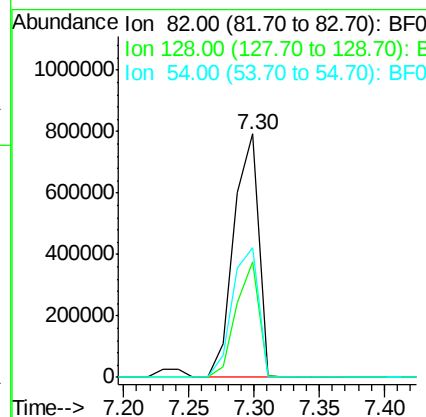
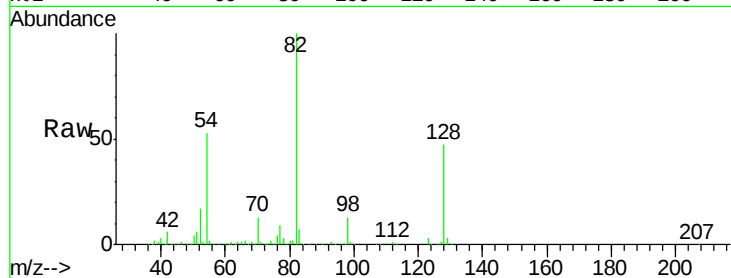




#23
 Nitrobenzene-d5
 Concen: 82.33 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

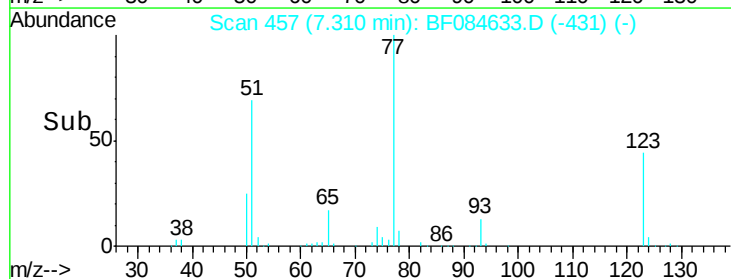
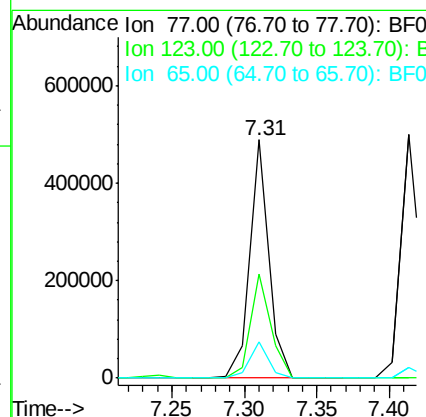
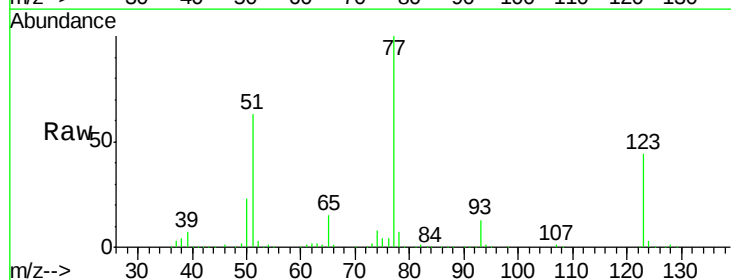
Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

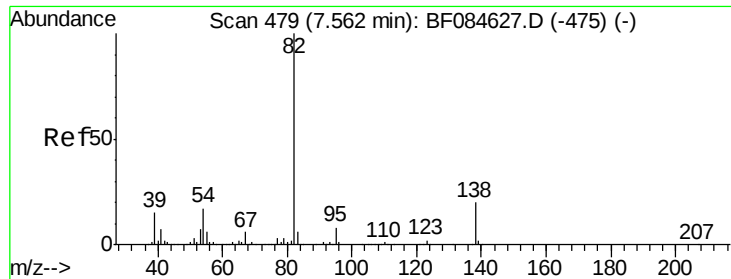
Tgt Ion: 82 Resp: 1036978
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.6 51.8
 54 53.0 38.4 57.6



#24
 Nitrobenzene
 Concen: 33.44 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion: 77 Resp: 447656
 Ion Ratio Lower Upper
 77 100
 123 43.8 37.4 56.2
 65 15.3 10.9 16.3





#25

Isophorone

Concen: 36.87 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

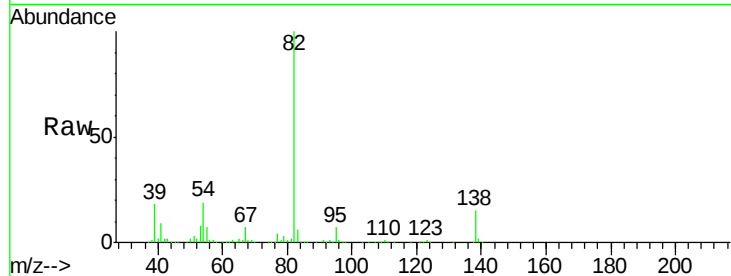
Tgt Ion: 82 Resp: 870000

Ion Ratio Lower Upper

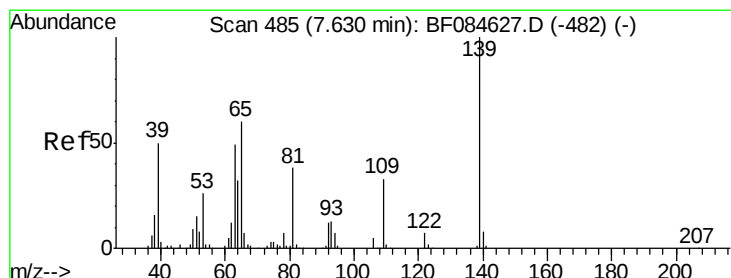
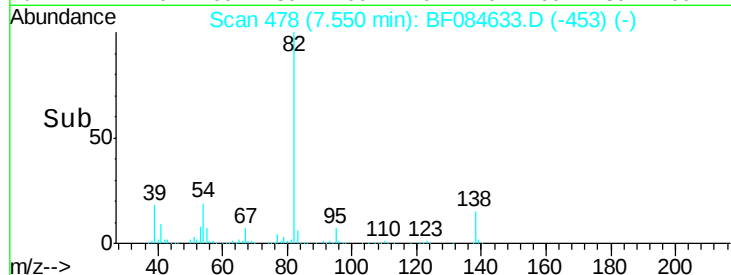
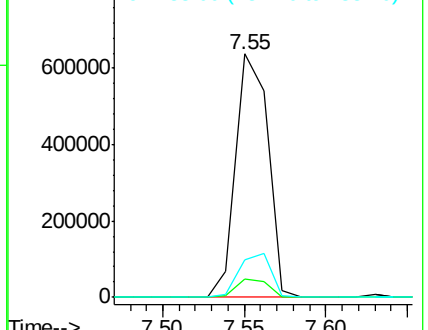
82 100

95 7.4 6.6 10.0

138 15.4 13.6 20.4



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



#26

2-Nitrophenol

Concen: 39.03 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

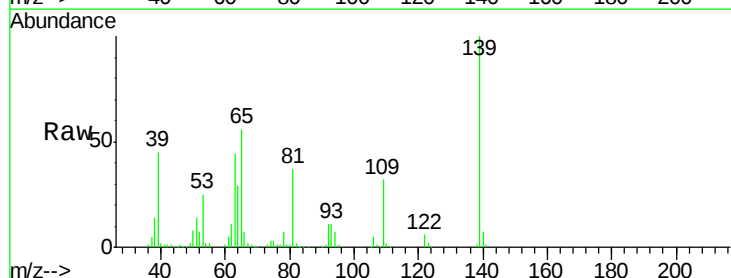
Tgt Ion: 139 Resp: 248447

Ion Ratio Lower Upper

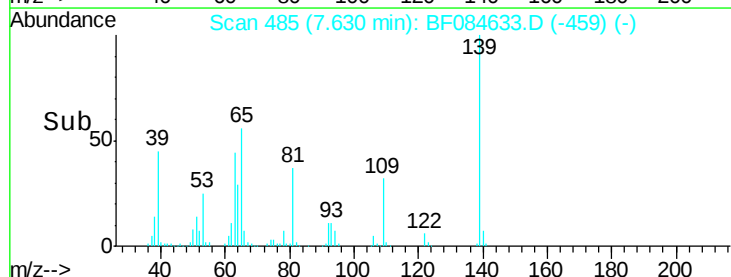
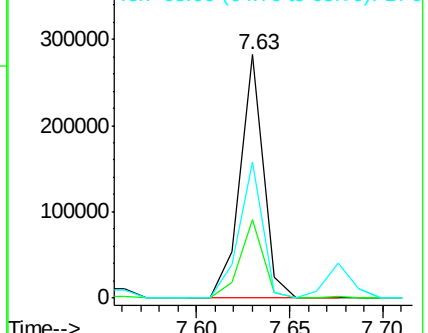
139 100

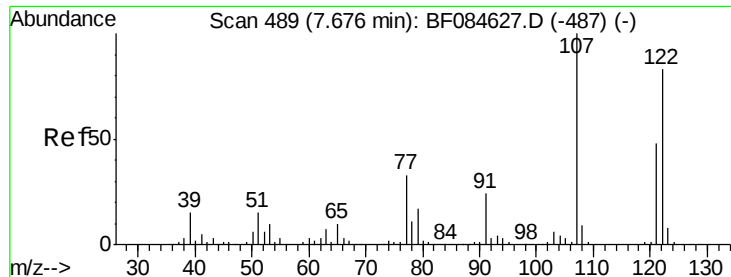
109 32.0 25.4 38.2

65 56.1 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 37.29 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

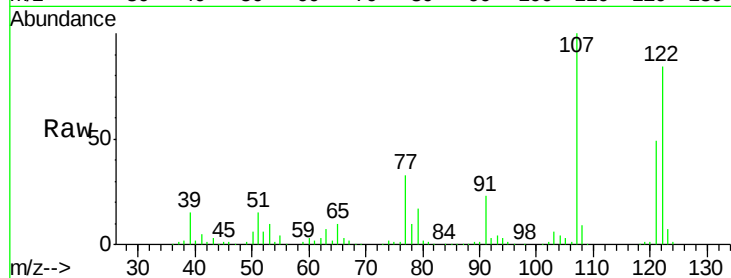
Tgt Ion:122 Resp: 415999

Ion Ratio Lower Upper

122 100

107 119.6 99.1 148.7

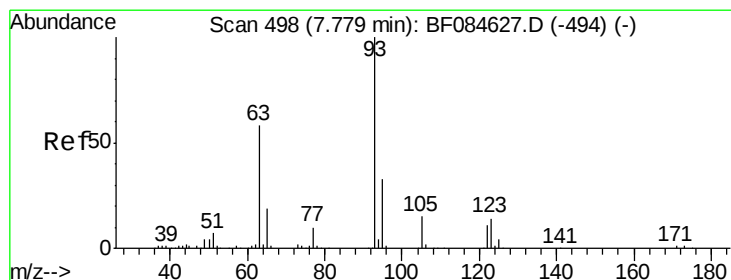
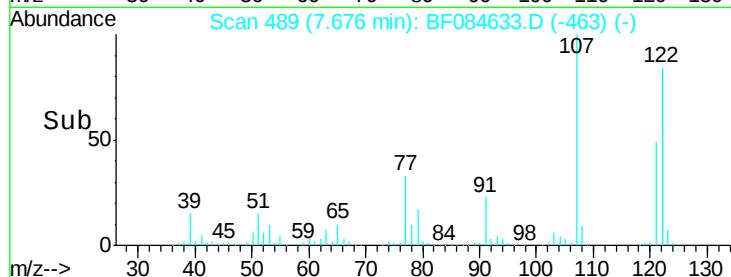
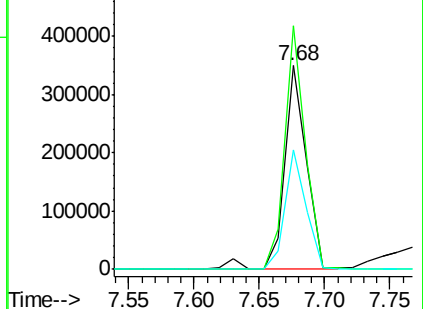
121 58.8 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.28 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

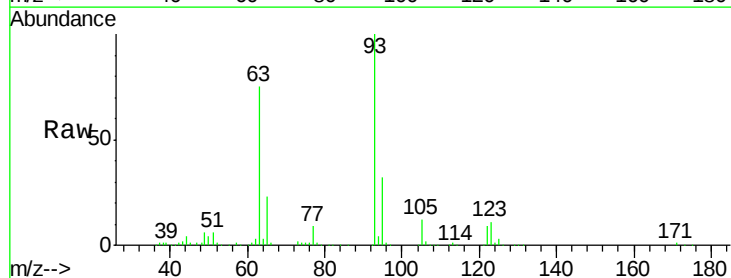
Tgt Ion: 93 Resp: 527901

Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.6

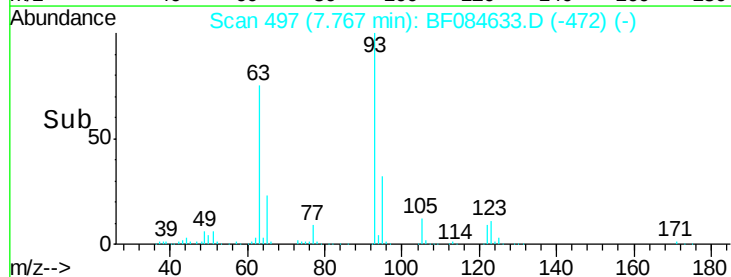
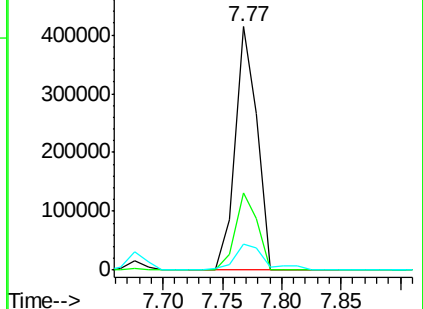
123 10.7 8.6 12.8

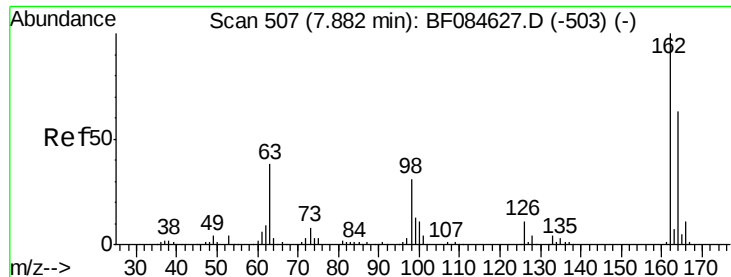


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

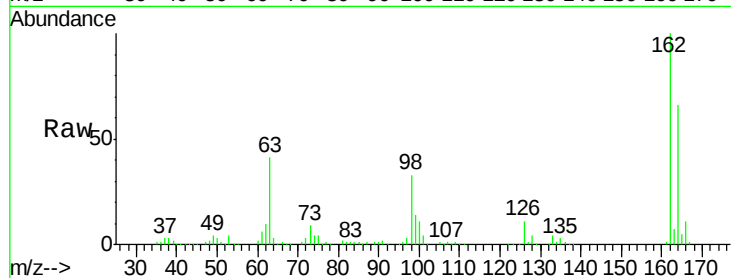




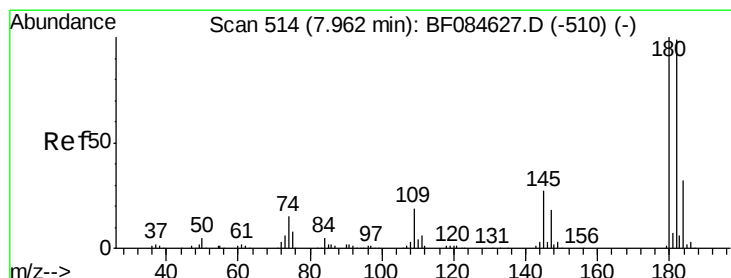
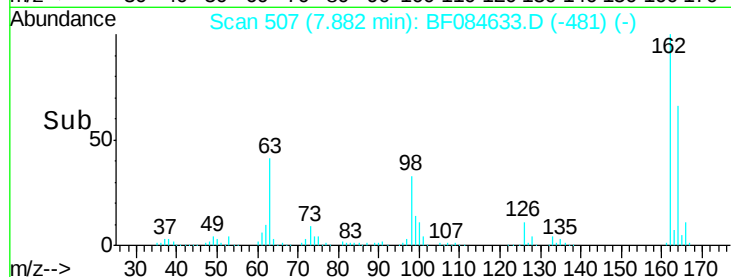
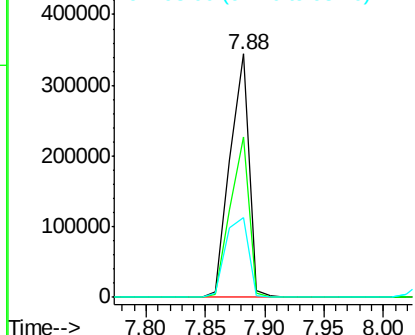
#29
 2,4-Dichlorophenol
 Concen: 39.37 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tgt Ion:162 Resp: 384173
 Ion Ratio Lower Upper
 162 100
 164 65.9 44.1 84.1
 98 32.8 20.2 60.2

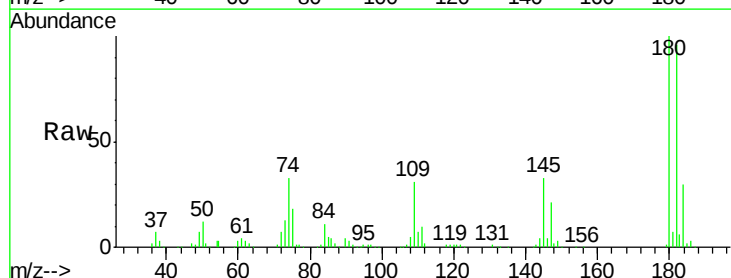


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

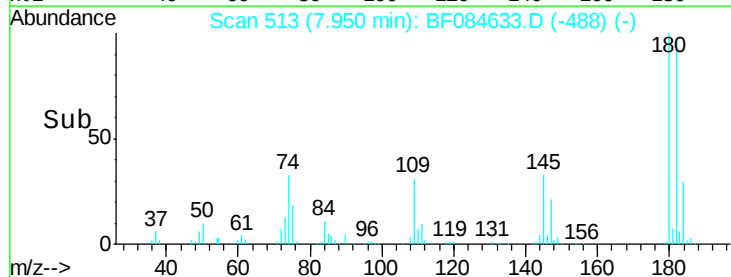
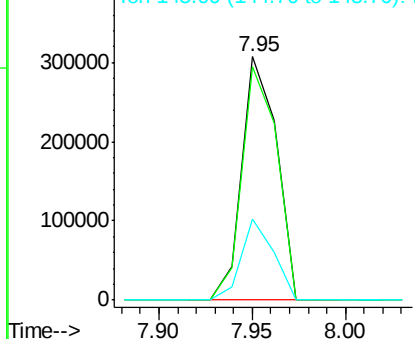


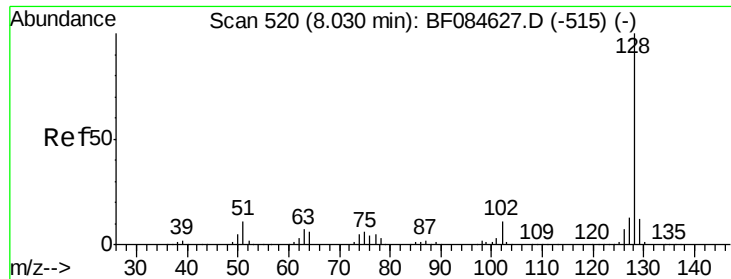
#30
 1,2,4-Trichlorobenzene
 Concen: 35.47 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion:180 Resp: 395813
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.4 114.6
 145 33.4 31.6 47.4



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

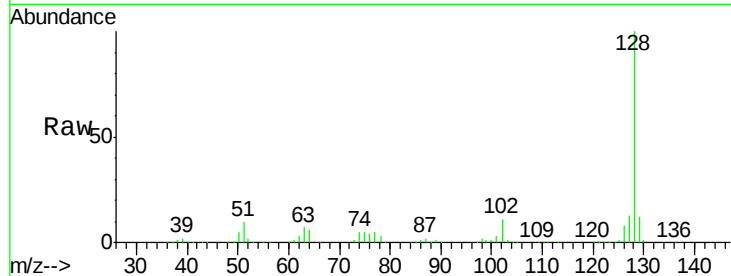




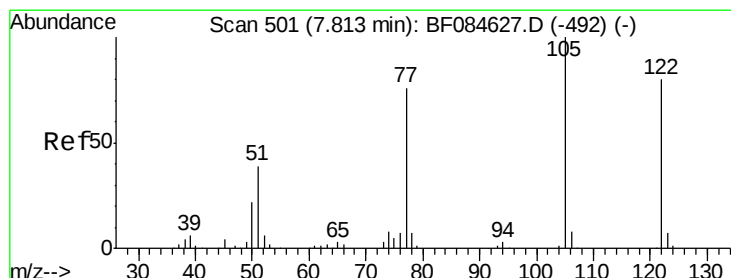
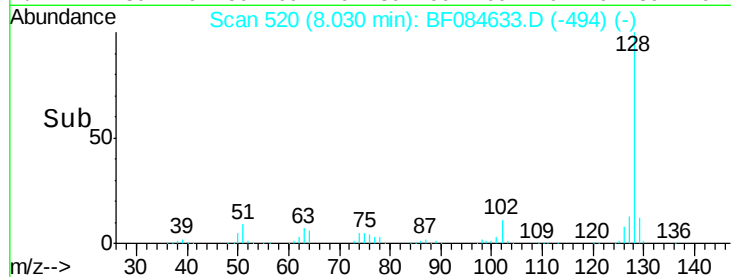
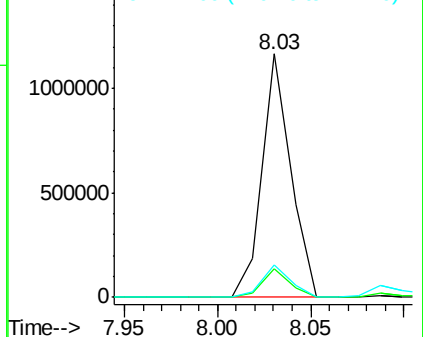
#31
Naphthalene
Concen: 34.70 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tgt Ion:128 Resp: 1233129
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.4 11.1 16.7

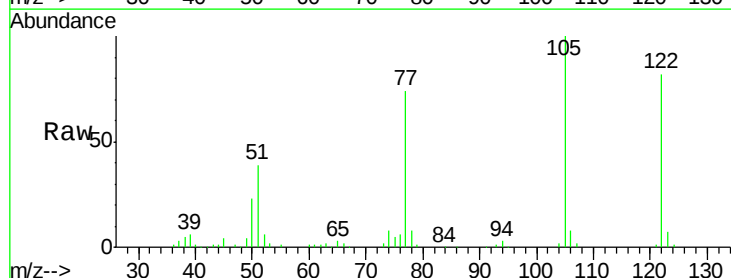


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

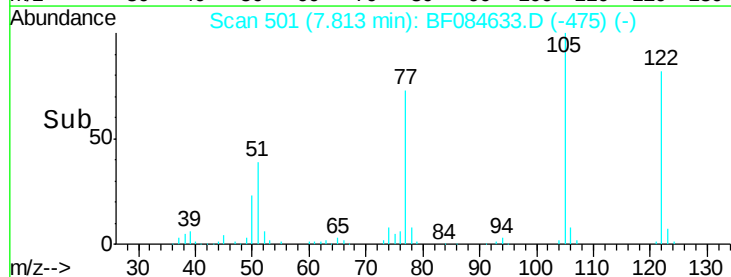
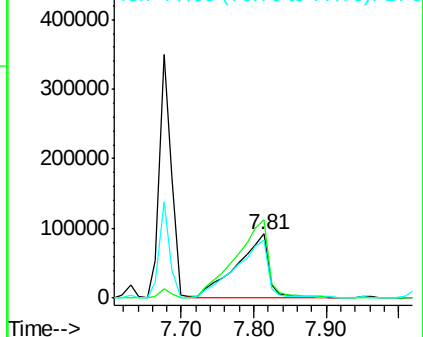


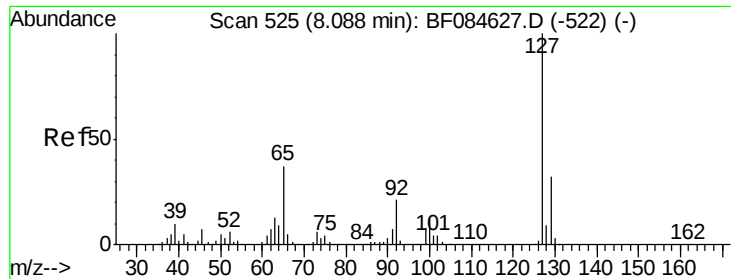
#32
Benzoic acid
Concen: 33.05 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion:122 Resp: 283064
Ion Ratio Lower Upper
122 100
105 122.5 100.3 140.3
77 90.6 63.5 103.5



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

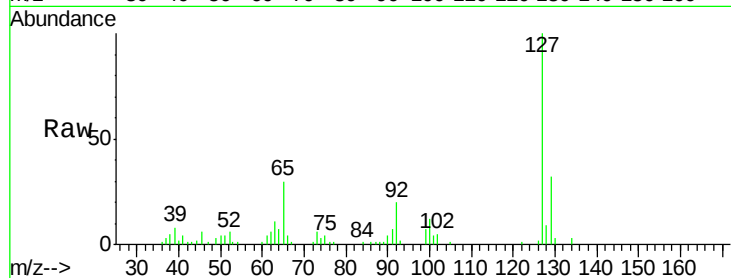




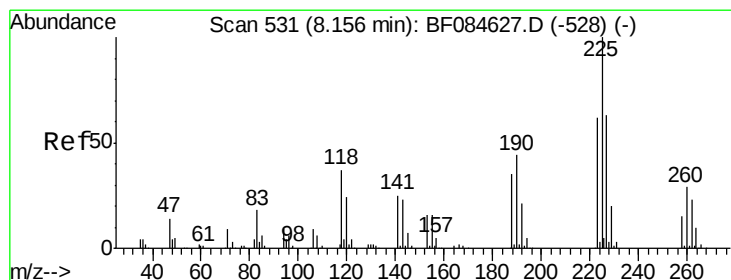
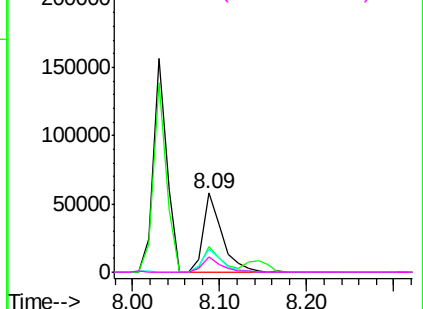
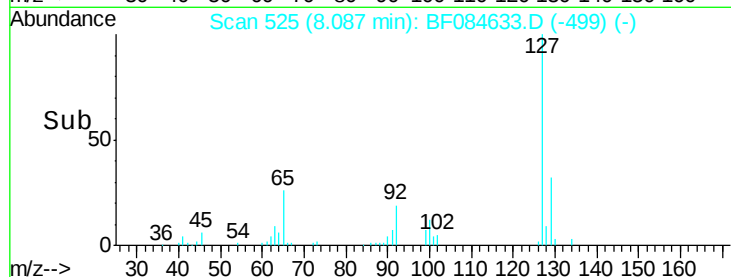
#33
4-Chloroaniline
Concen: 6.12 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tgt Ion:	127	Resp:	88485
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	29.8	27.2	40.8
92	20.0	17.7	26.5

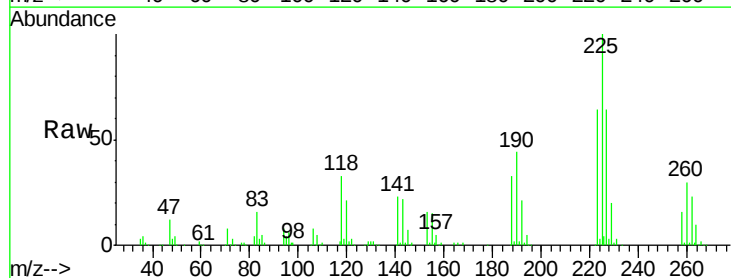


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

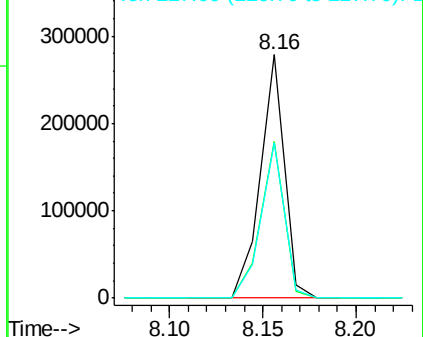
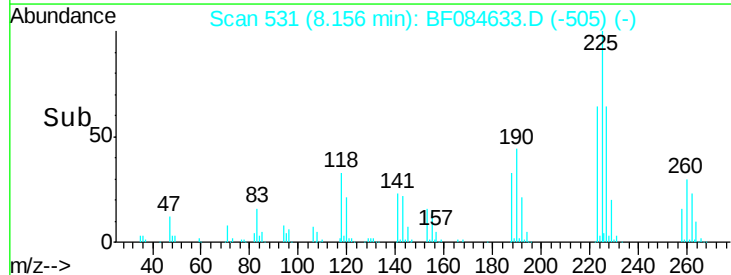


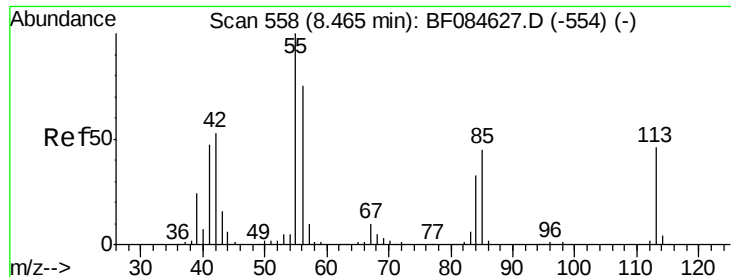
#34
Hexachlorobutadiene
Concen: 37.32 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion:	225	Resp:	246087
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.0
227	63.6	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

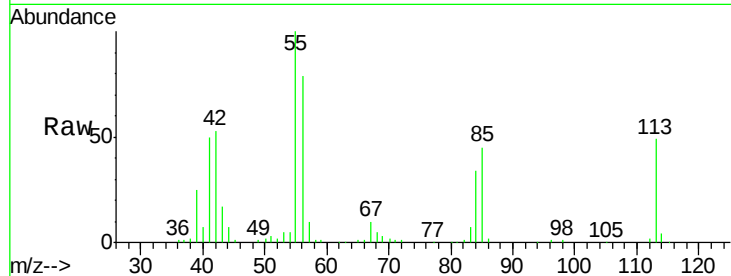




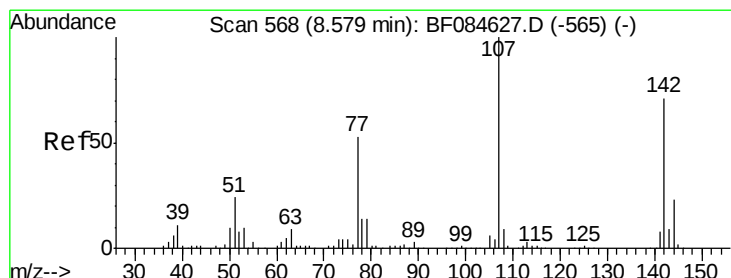
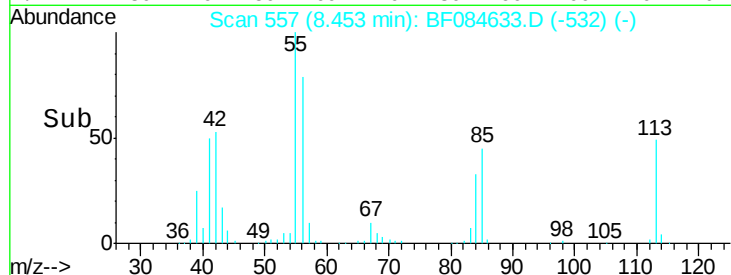
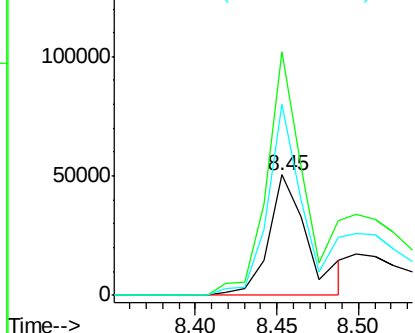
#35
 Caprolactam
 Concen: 30.28 ng
 RT: 8.45 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tgt Ion:113 Resp: 84786
 Ion Ratio Lower Upper
 113 100
 55 202.3 116.9 156.9#
 56 158.8 93.8 133.8#

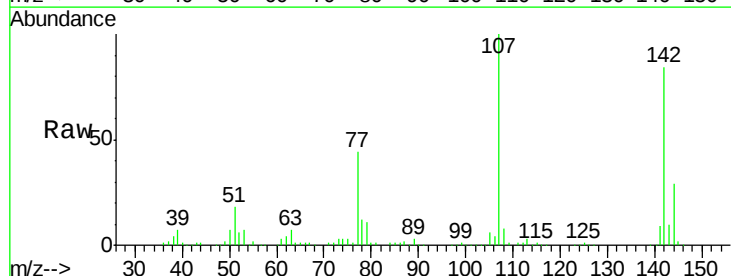


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

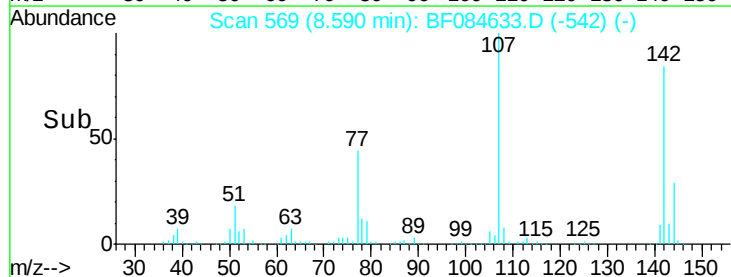
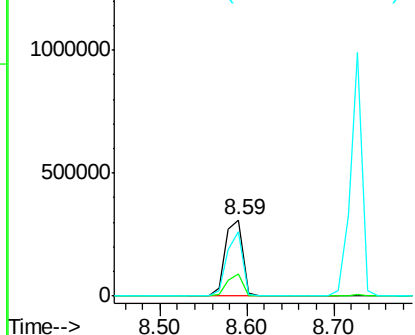


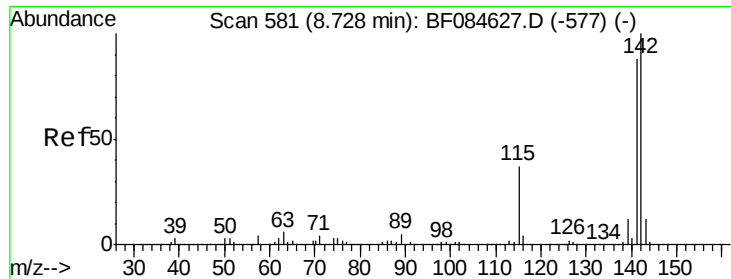
#36
 4-Chloro-3-methylphenol
 Concen: 40.70 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion:107 Resp: 437189
 Ion Ratio Lower Upper
 107 100
 144 28.6 19.7 29.5
 142 84.2 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

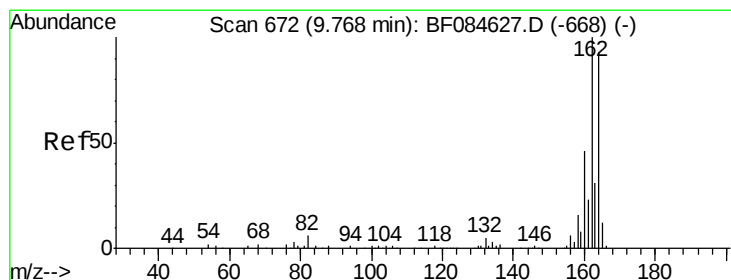
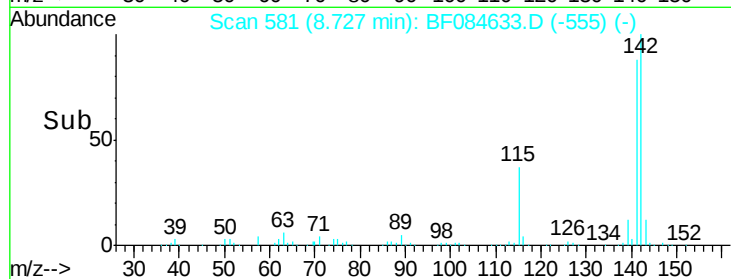
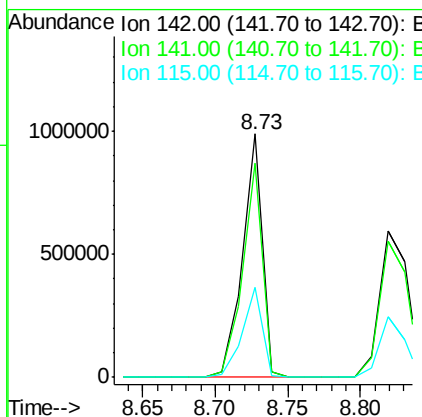
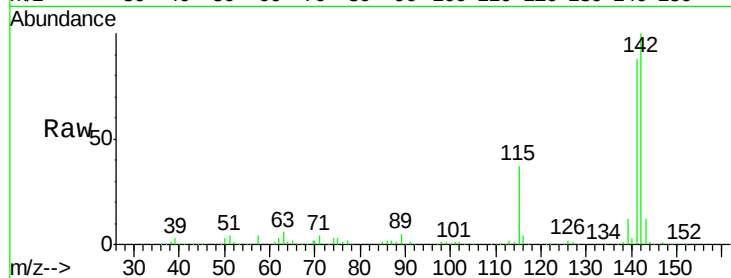




#37
 2-Methylnaphthalene
 Concen: 43.01 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

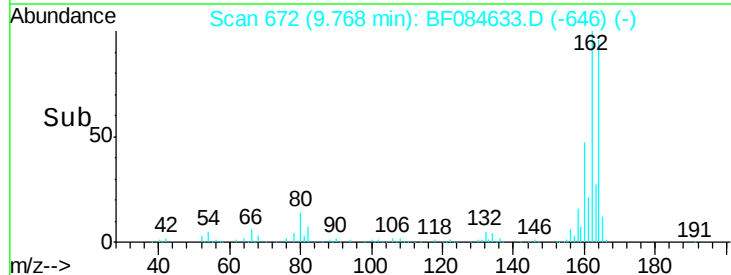
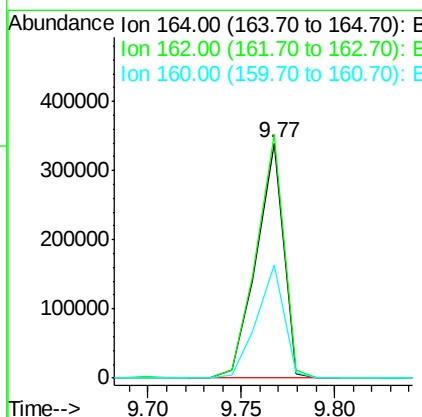
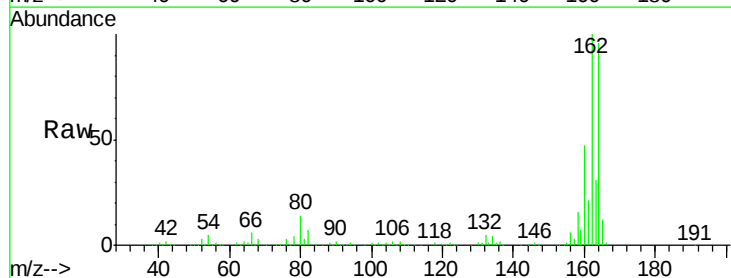
Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

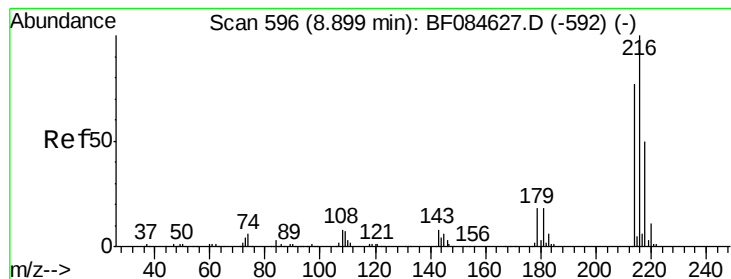
Tgt Ion:142 Resp: 938129
 Ion Ratio Lower Upper
 142 100
 141 87.9 72.4 108.6
 115 36.8 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion:164 Resp: 342496
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 48.3 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.38 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tgt Ion:216 Resp: 359702

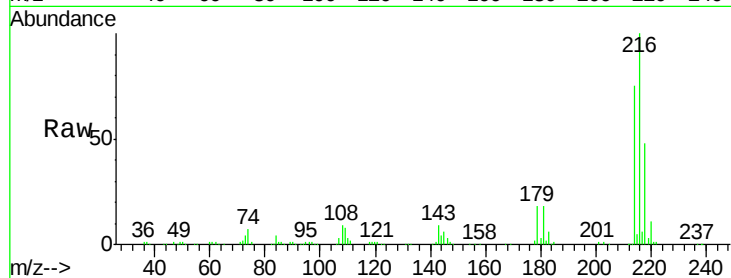
Ion Ratio Lower Upper

216 100

214 77.8 64.2 96.2

179 22.5 18.7 28.1

108 22.5 16.8 25.2

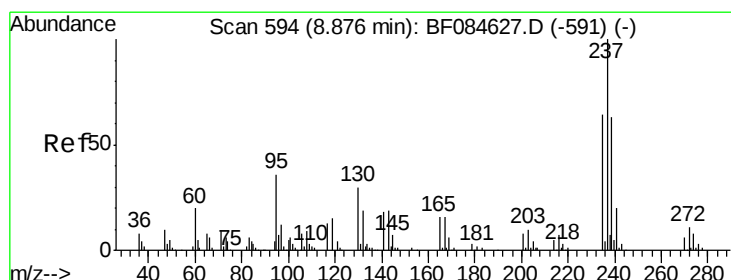
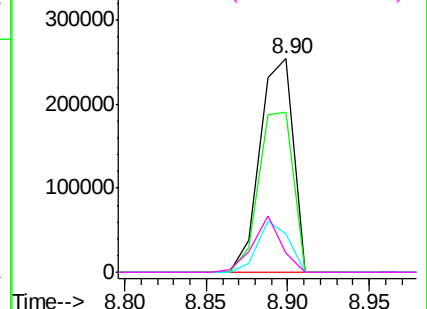
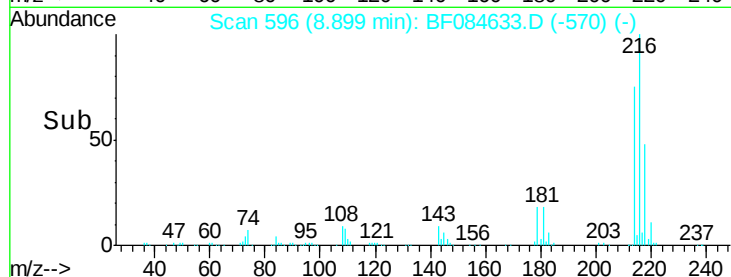


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.87 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

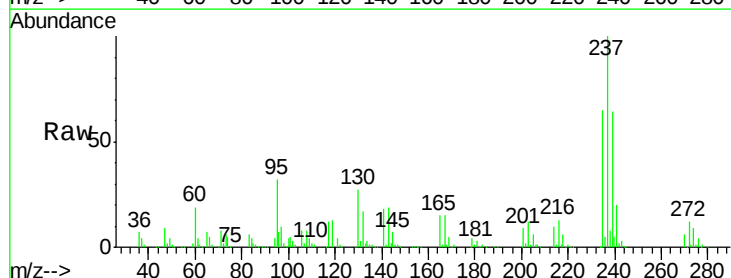
Tgt Ion:237 Resp: 418496

Ion Ratio Lower Upper

237 100

235 65.4 43.1 83.1

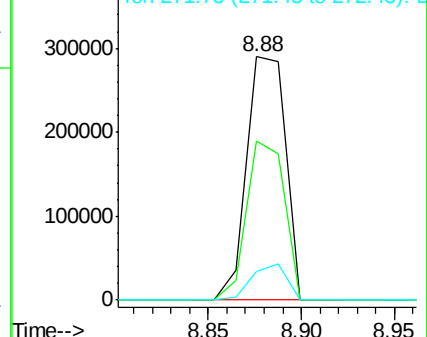
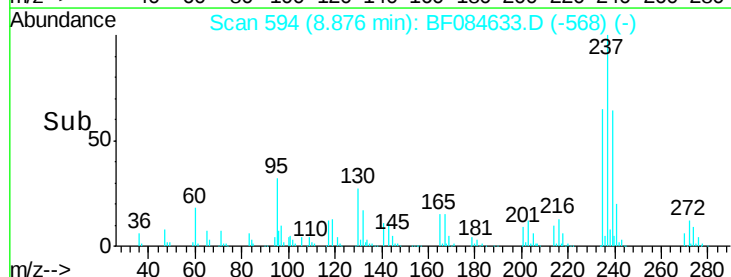
272 11.6 0.0 35.1

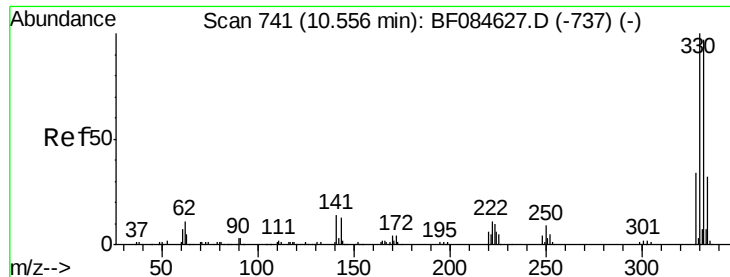


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

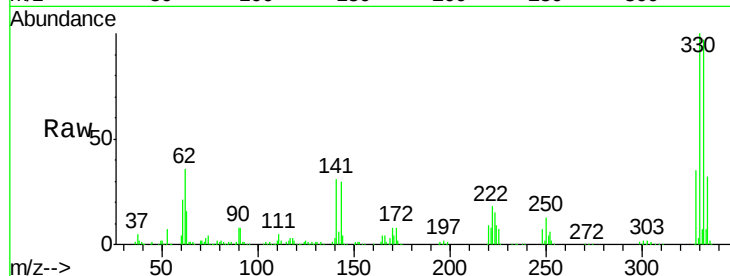




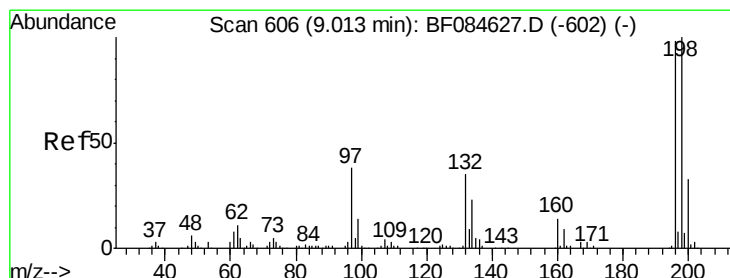
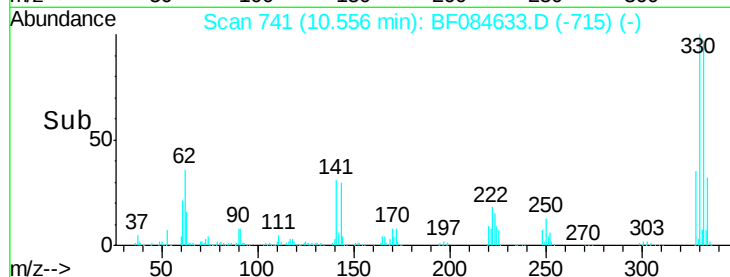
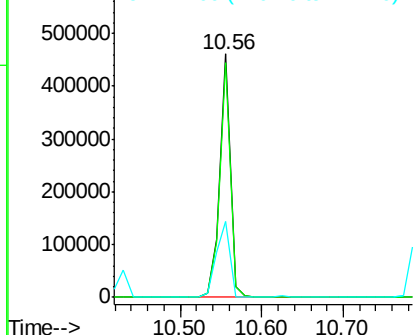
#41
 2,4,6-Tribromophenol
 Concen: 116.42 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tgt Ion:330 Resp: 417914
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 39.7 27.8 41.6

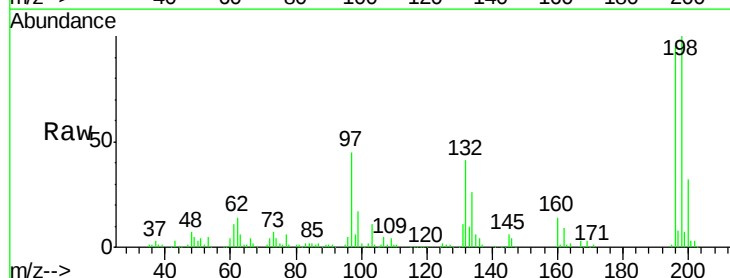


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

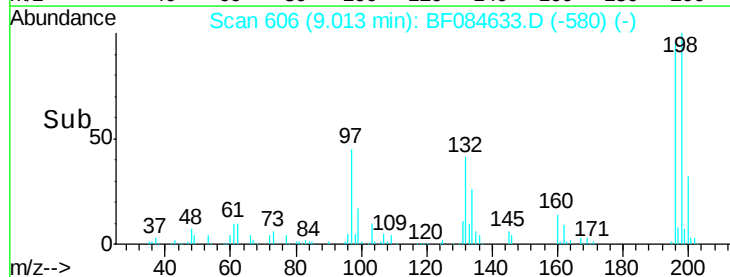
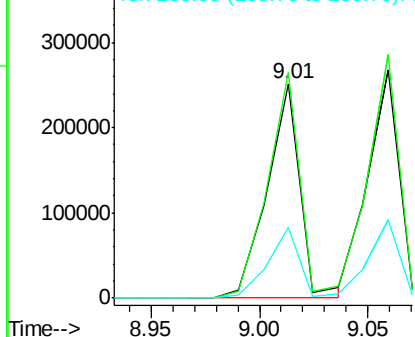


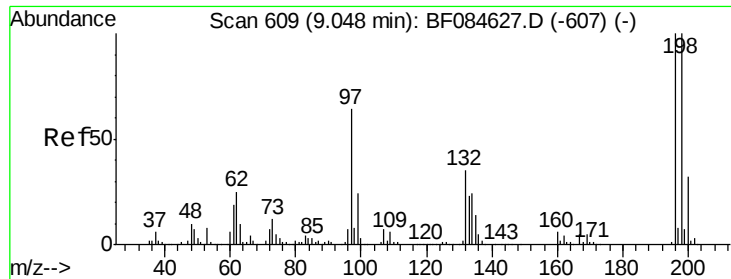
#42
 2,4,6-Trichlorophenol
 Concen: 38.74 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion:196 Resp: 267317
 Ion Ratio Lower Upper
 196 100
 198 105.5 77.7 116.5
 200 33.3 24.6 37.0



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

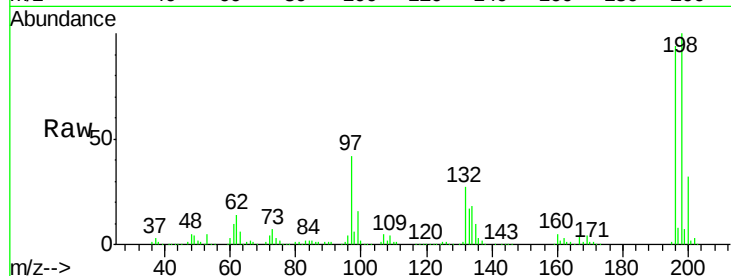




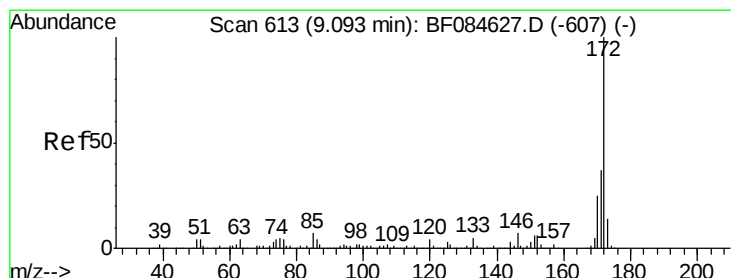
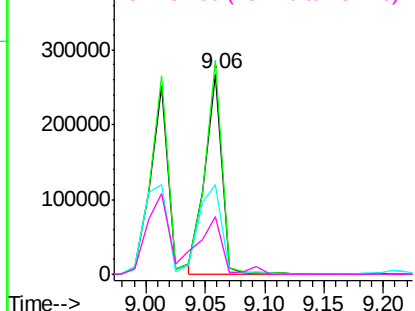
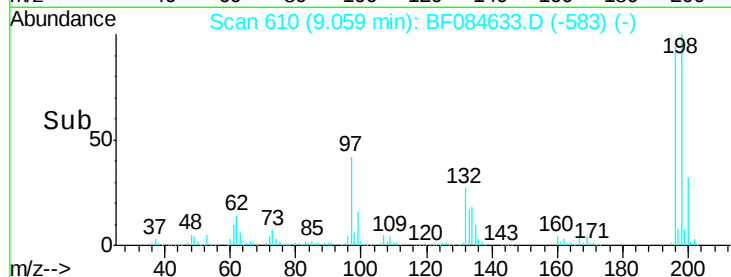
#43
 2,4,5-Trichlorophenol
 Concen: 37.73 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	106.7	79.0	118.6
97	44.6	33.0	49.6
132	28.5	21.1	31.7

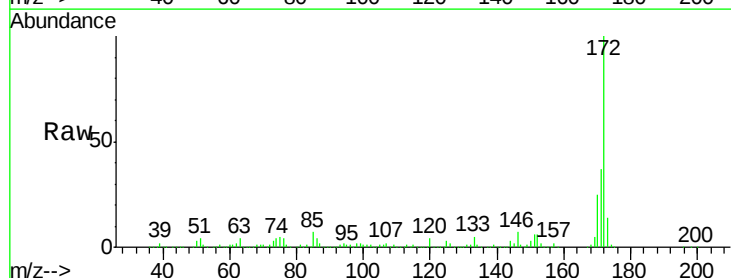


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

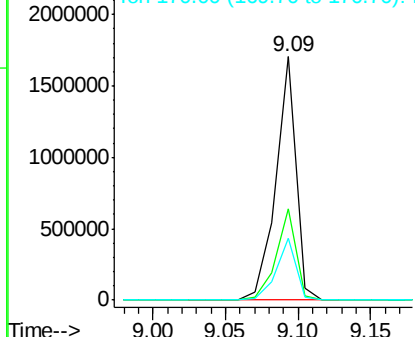
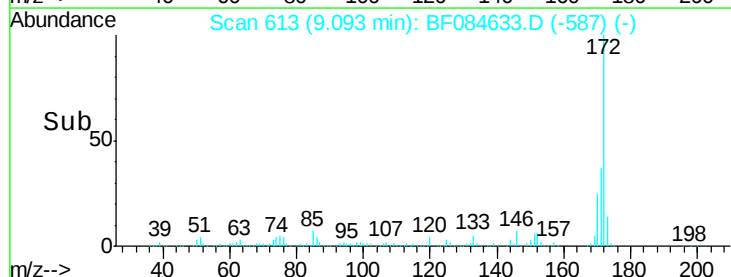


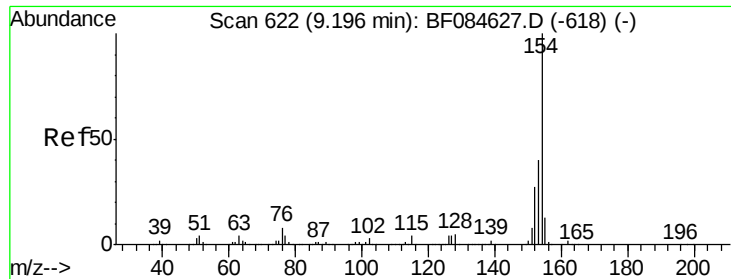
#44
 2-Fluorobiphenyl
 Concen: 71.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	25.2	18.6	27.8



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

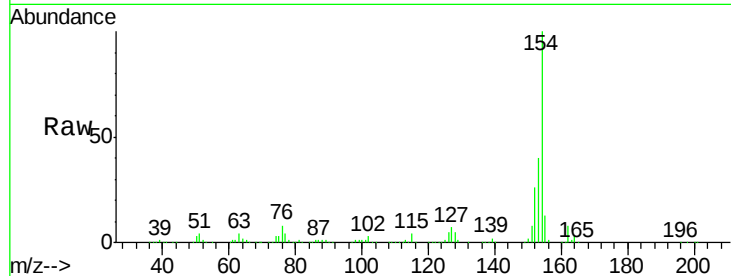




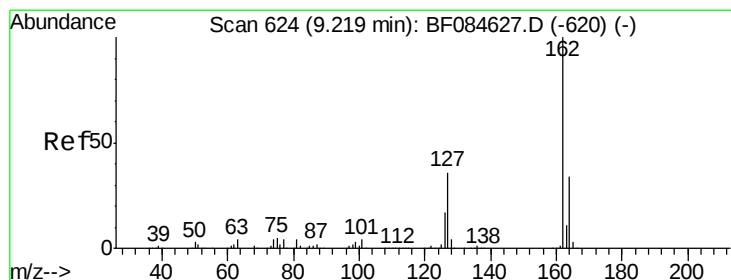
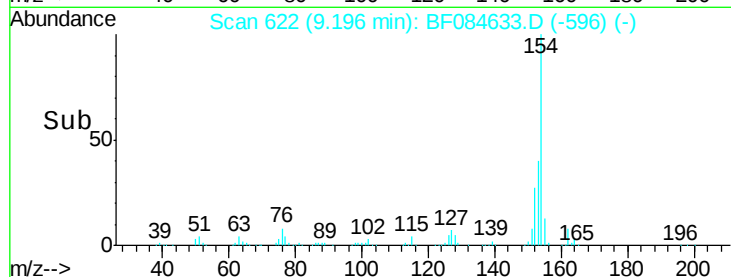
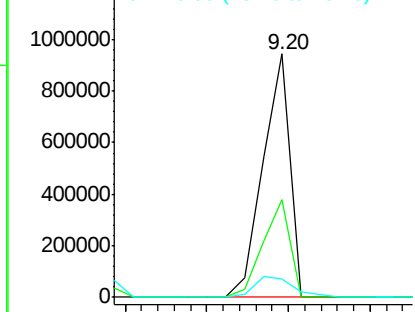
#45
 1,1'-Biphenyl
 Concen: 34.40 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tgt Ion:154 Resp: 1079808
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.6 61.6
 76 7.5 0.0 32.7

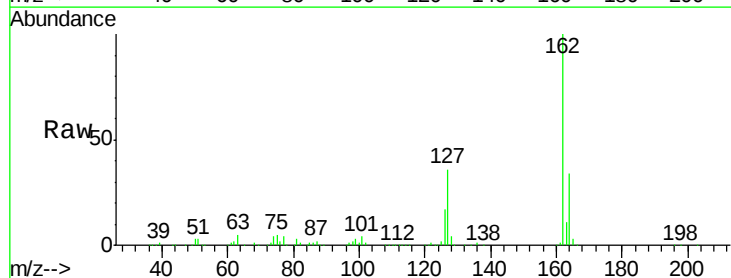


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

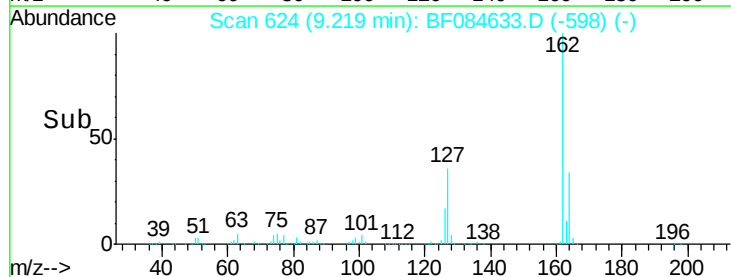
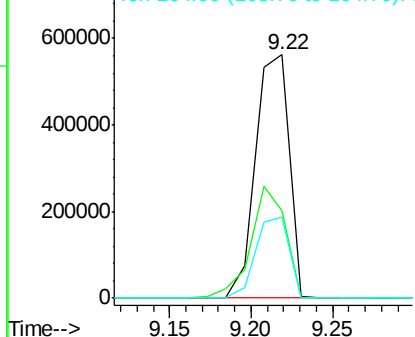


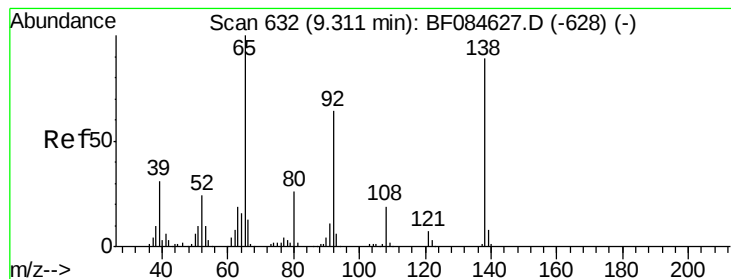
#46
 2-Chloronaphthalene
 Concen: 35.17 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion:162 Resp: 805461
 Ion Ratio Lower Upper
 162 100
 127 35.8 40.2 60.4#
 164 33.6 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.56 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

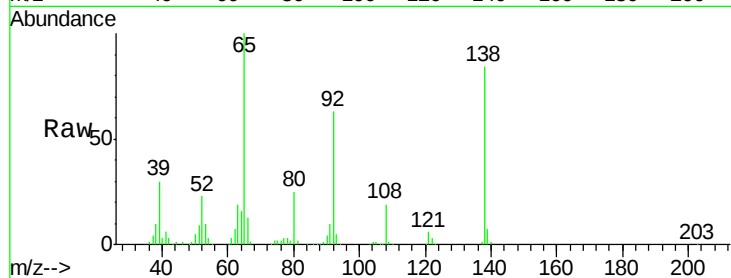
Tgt Ion: 65 Resp: 237733

Ion Ratio Lower Upper

65 100

92 62.8 53.4 80.2

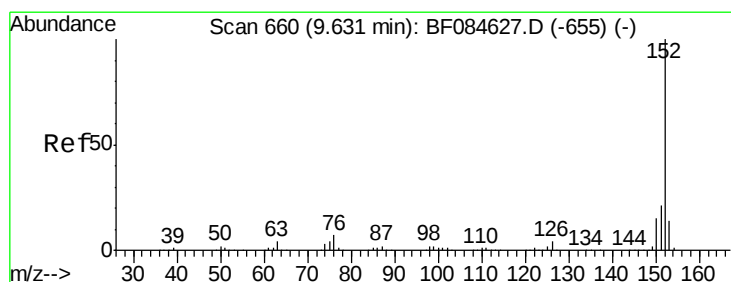
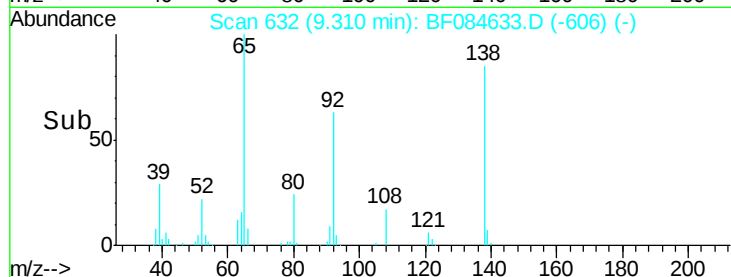
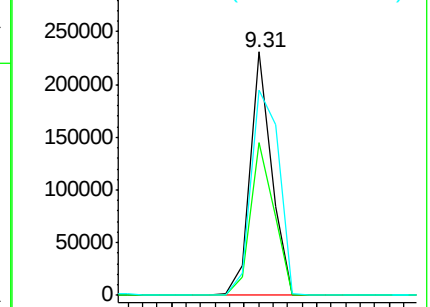
138 84.1 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 37.12 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

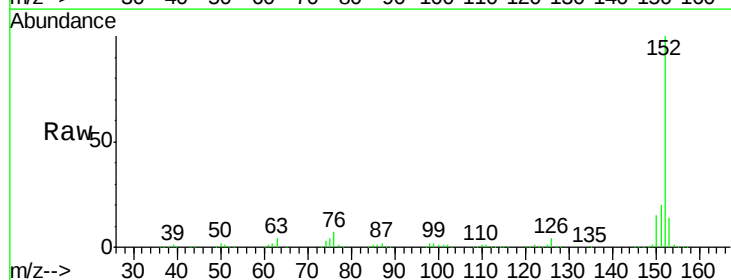
Tgt Ion: 152 Resp: 1288114

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

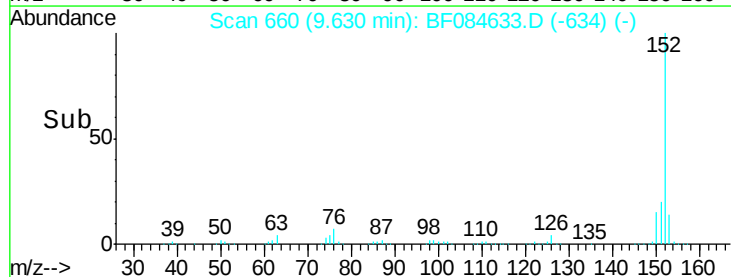
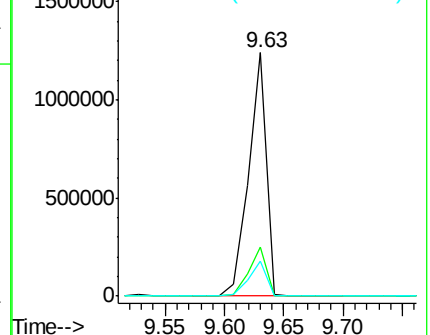
153 14.3 10.4 15.6

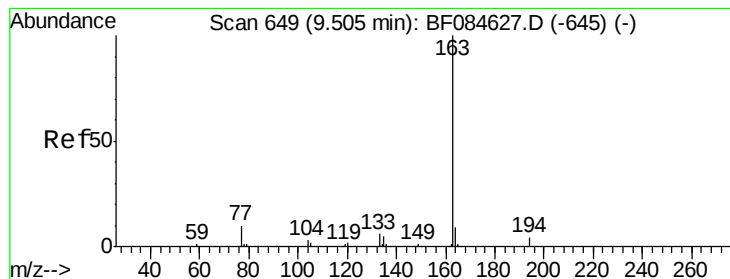


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.25 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

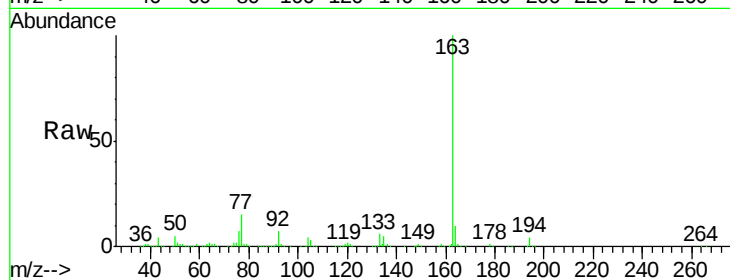
Tgt Ion:163 Resp: 983288

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

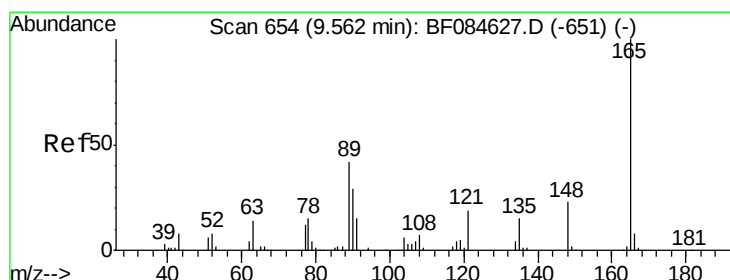
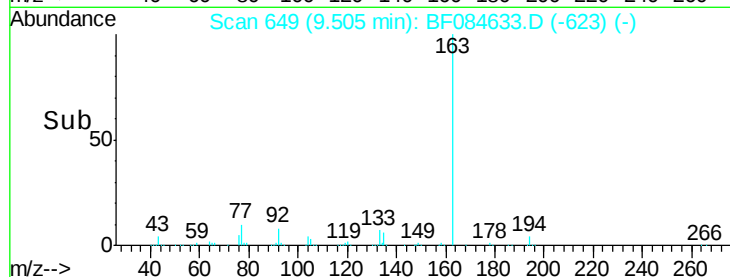
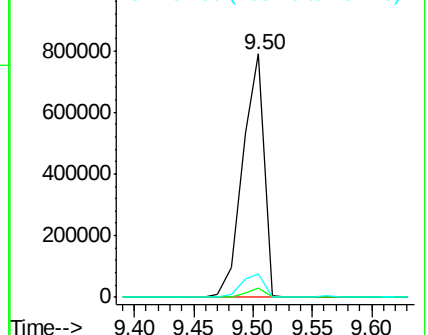
164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.52 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

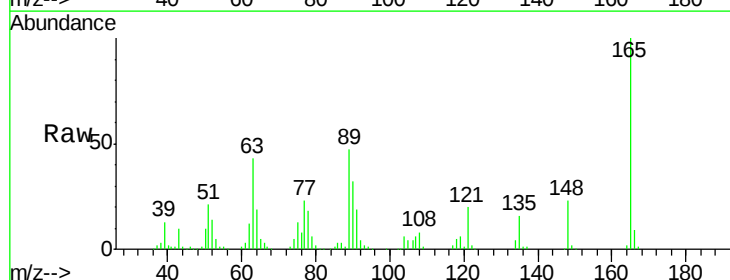
Tgt Ion:165 Resp: 229148

Ion Ratio Lower Upper

165 100

63 43.1 28.8 43.2

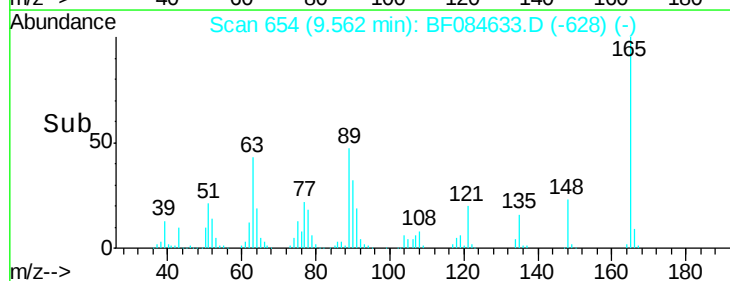
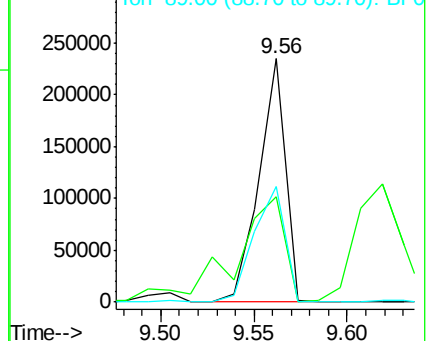
89 47.5 35.1 52.7

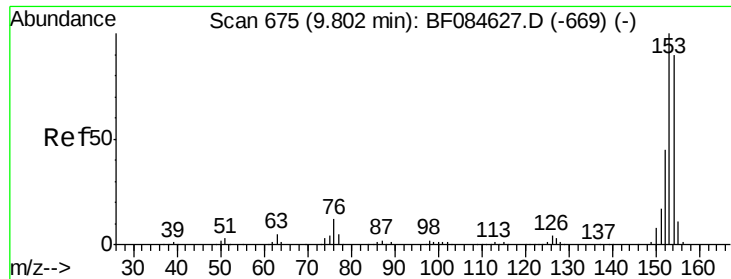


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

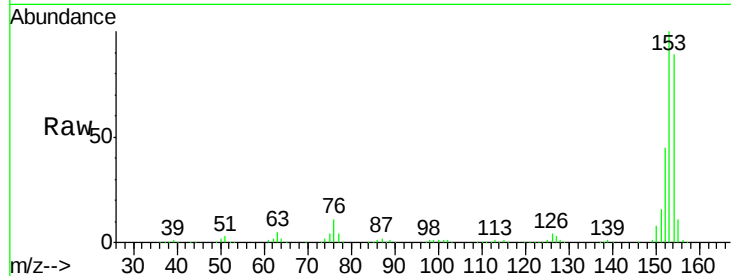




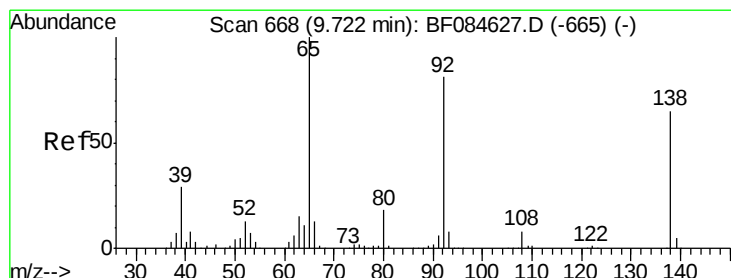
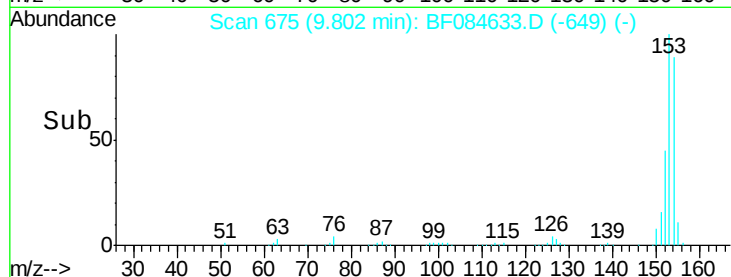
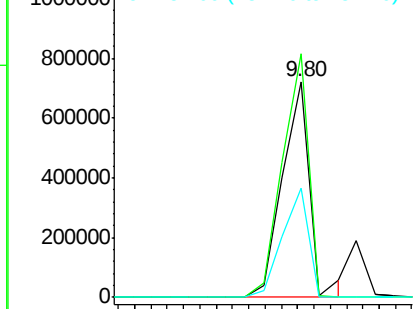
#51
Acenaphthene
Concen: 36.19 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tgt Ion:154 Resp: 840893
Ion Ratio Lower Upper
154 100
153 112.8 91.5 137.3
152 50.6 43.0 64.6

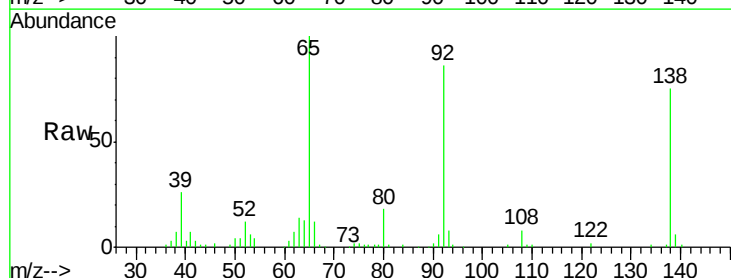


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

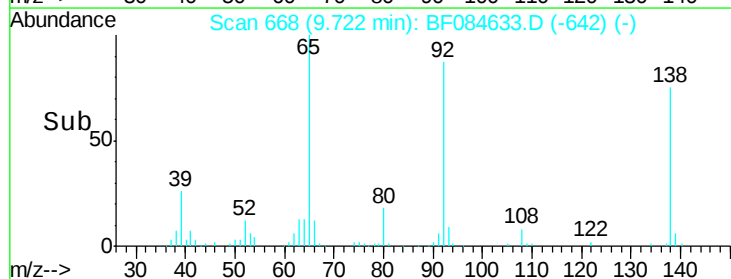
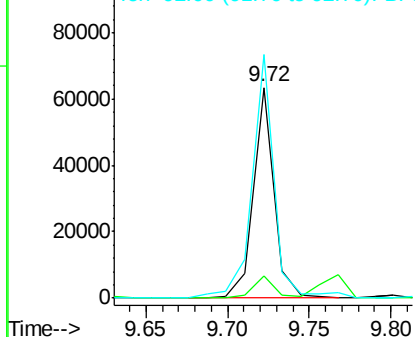


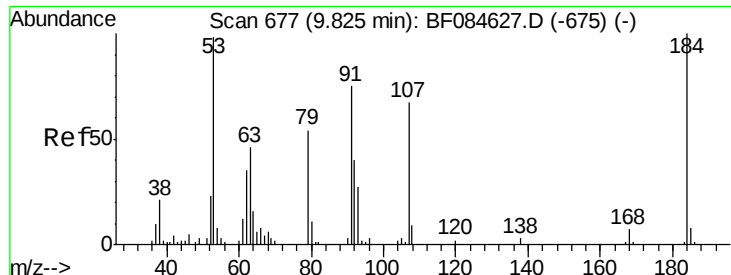
#52
3-Nitroaniline
Concen: 9.41 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion:138 Resp: 55605
Ion Ratio Lower Upper
138 100
108 10.8 10.5 15.7
92 115.5 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

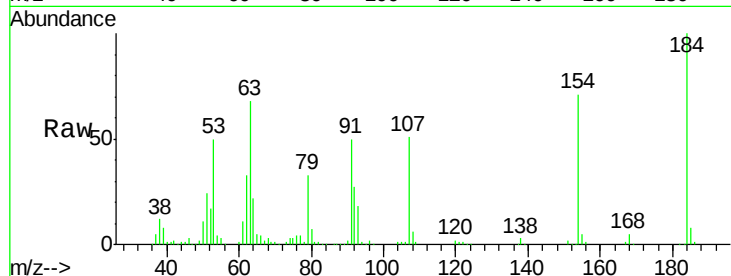




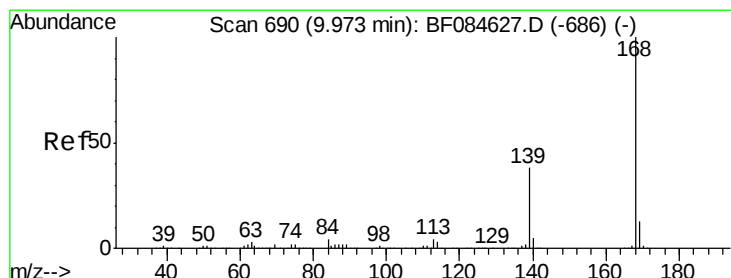
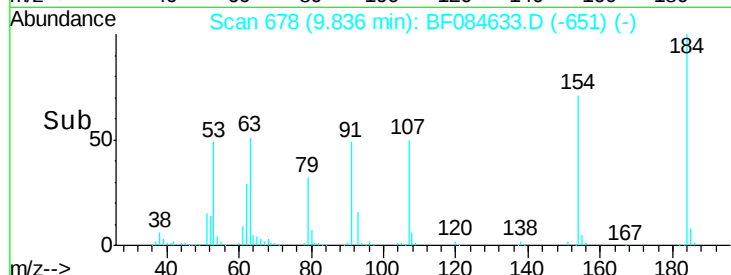
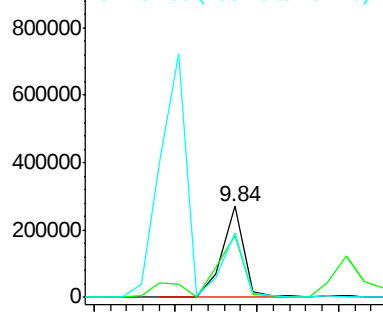
#53
2,4-Dinitrophenol
Concen: 91.32 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tgt Ion:184 Resp: 254855
Ion Ratio Lower Upper
184 100
63 67.7 43.1 64.7#
154 70.9 60.5 90.7

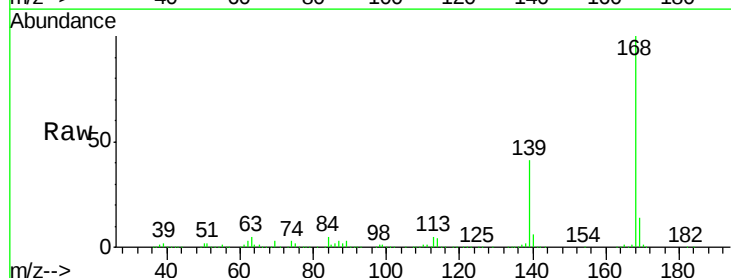


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

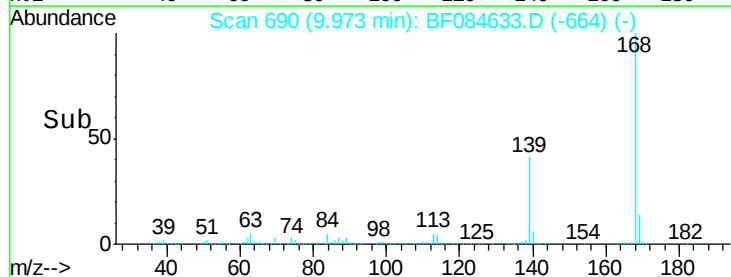
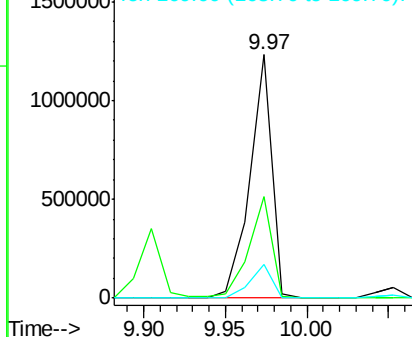


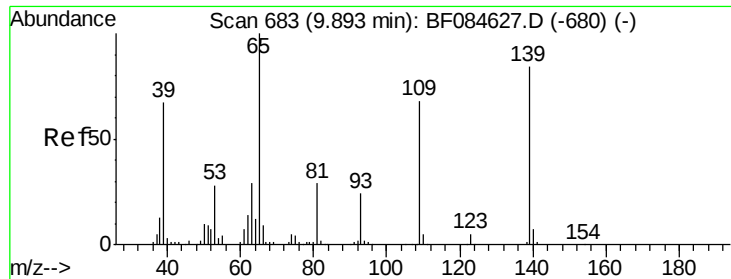
#54
Dibenzofuran
Concen: 41.36 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion:168 Resp: 1146865
Ion Ratio Lower Upper
168 100
139 41.5 30.5 45.7
169 13.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

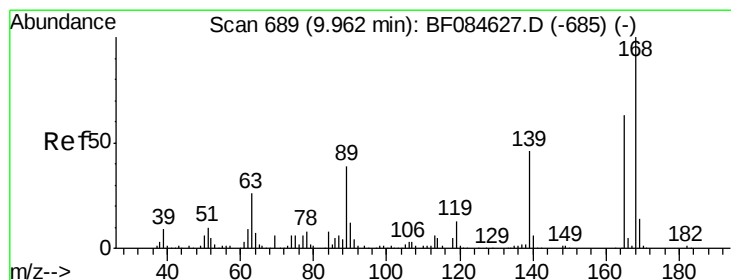
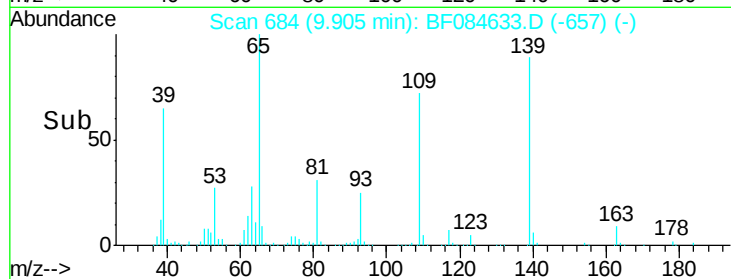
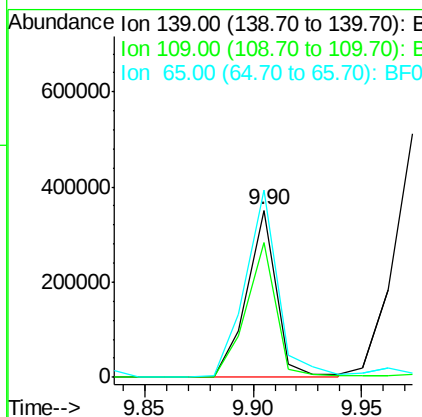
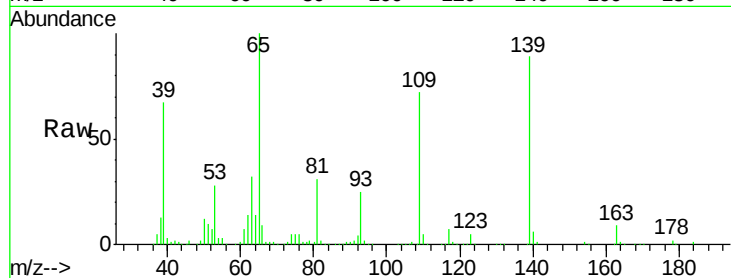




#55
4-Nitrophenol
Concen: 77.71 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

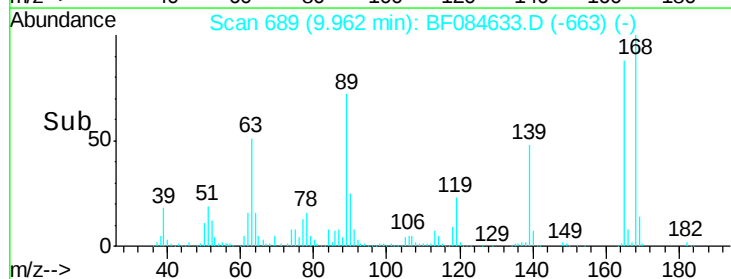
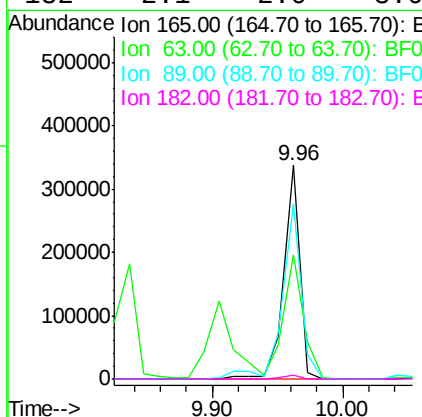
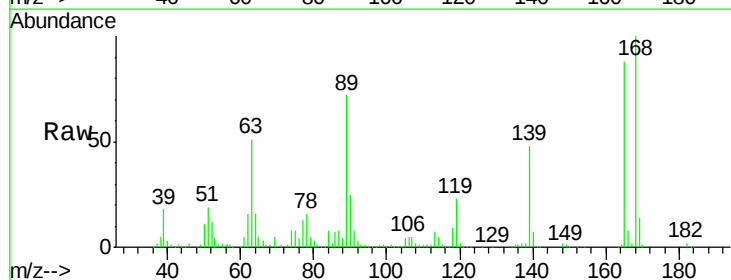
Instrument :
BNA_F
ClientSampleId :
PB88038BS

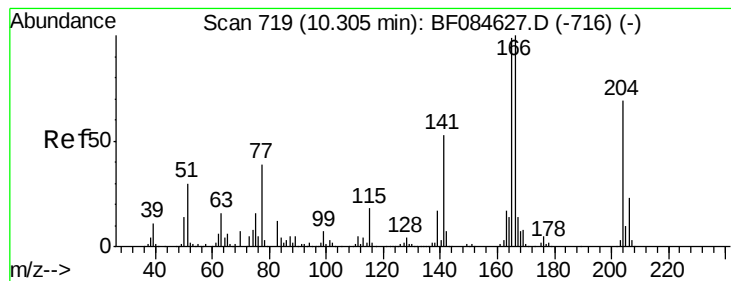
Tgt Ion:139 Resp: 337353
Ion Ratio Lower Upper
139 100
109 80.6 58.5 98.5
65 112.5 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 39.85 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion:165 Resp: 292789
Ion Ratio Lower Upper
165 100
63 58.1 36.7 55.1#
89 81.8 61.9 92.9
182 2.1 2.0 3.0





#57

Fluorene

Concen: 38.42 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampled :

PB88038BS

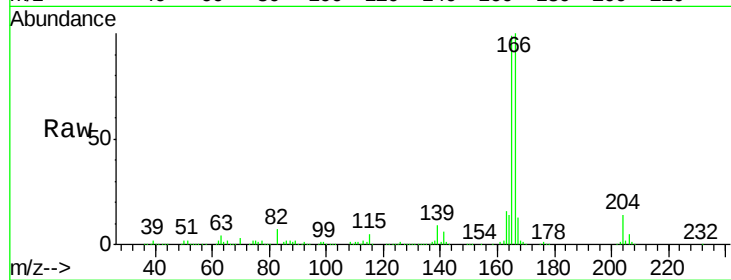
Tgt Ion:166 Resp: 903225

Ion Ratio Lower Upper

166 100

165 98.6 79.1 118.7

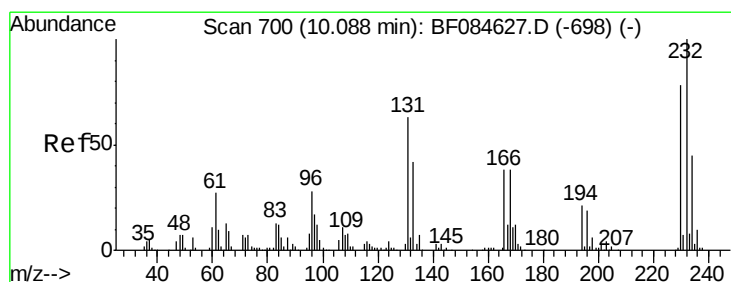
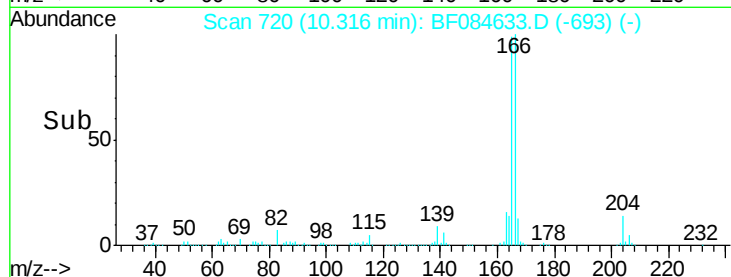
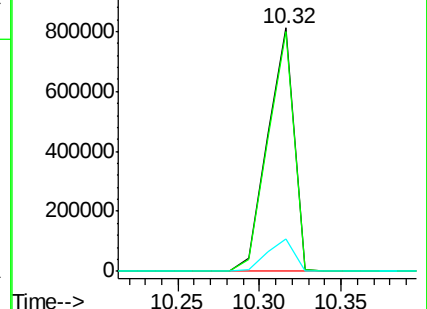
167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.92 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:232 Resp: 225810

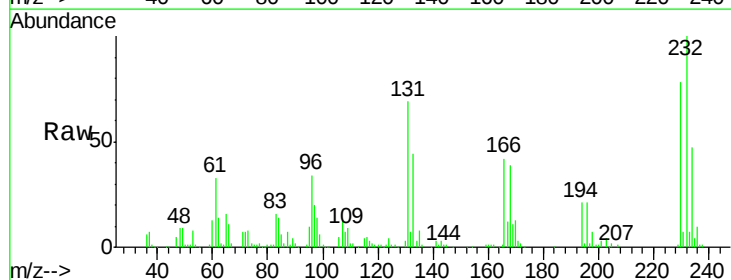
Ion Ratio Lower Upper

232 100

131 50.5 47.0 70.6

130 2.5 2.0 3.0

166 31.8 30.5 45.7

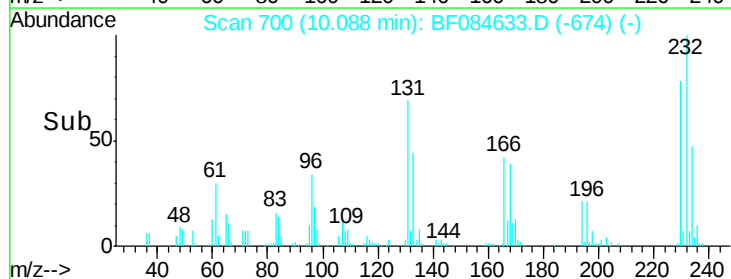
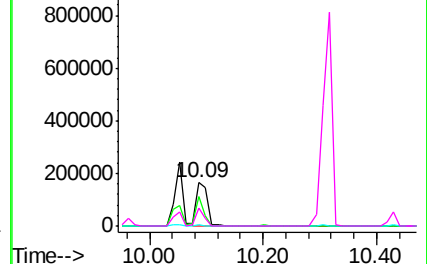


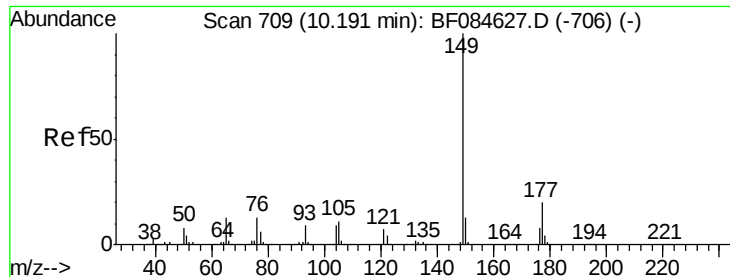
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

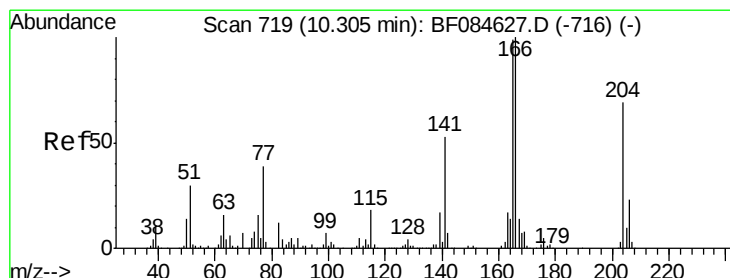
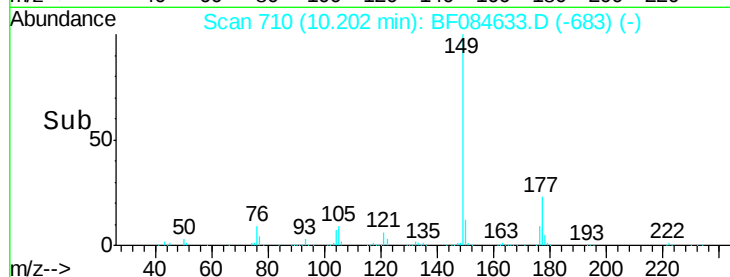
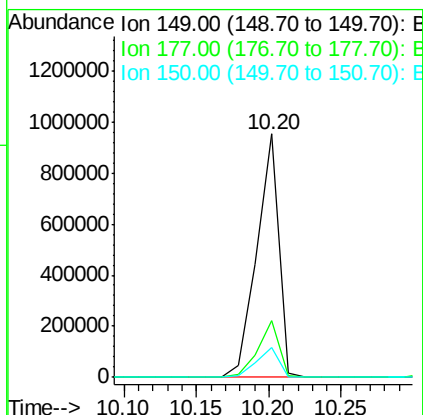
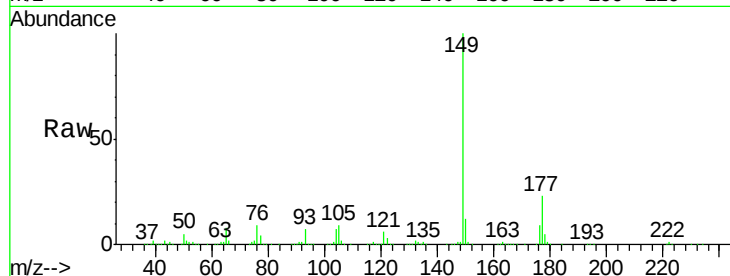




#59
Diethylphthalate
Concen: 39.74 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

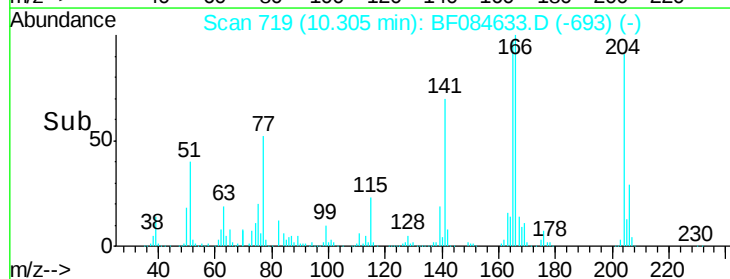
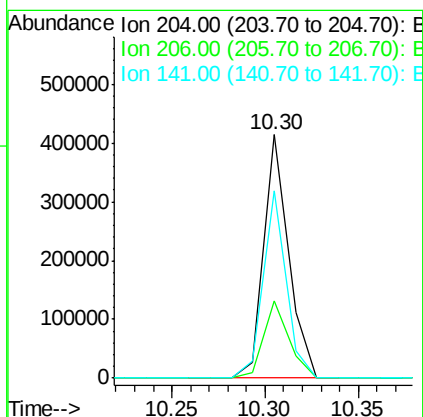
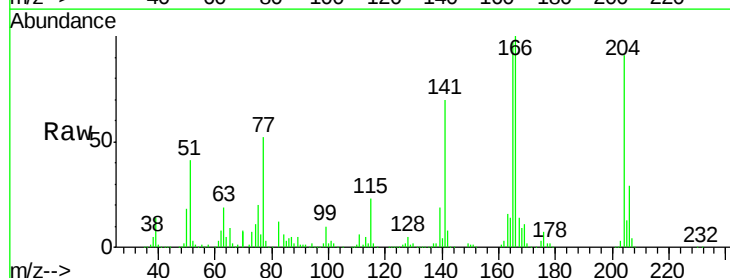
Instrument :
BNA_F
ClientSampleId :
PB88038BS

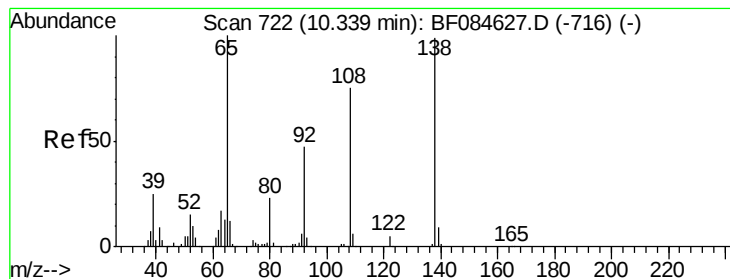
Tgt Ion:149 Resp: 1000100
Ion Ratio Lower Upper
149 100
177 23.2 17.3 25.9
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 36.02 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion:204 Resp: 380070
Ion Ratio Lower Upper
204 100
206 31.7 25.7 38.5
141 76.8 55.1 82.7





#61

4-Nitroaniline

Concen: 36.92 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

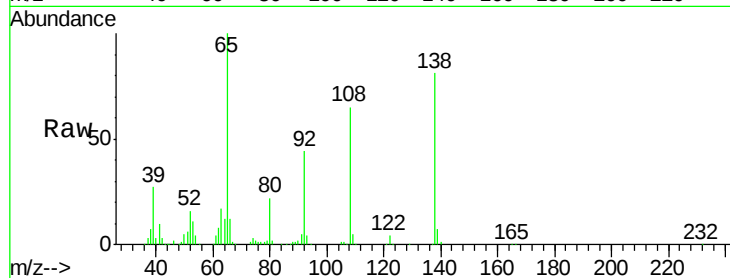
Tgt Ion:138 Resp: 206513

Ion Ratio Lower Upper

138 100

92 55.0 32.6 72.6

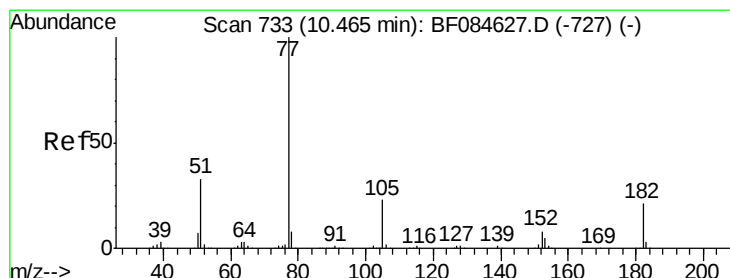
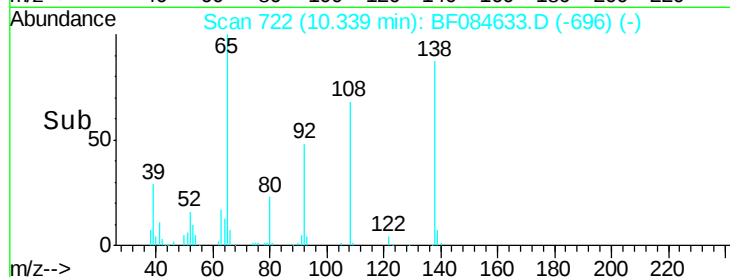
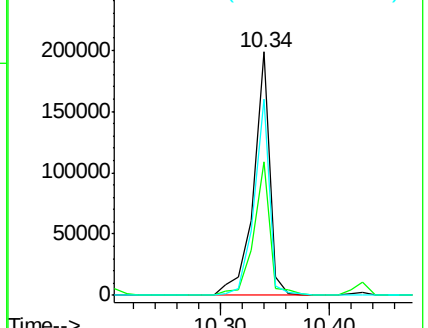
108 80.8 68.6 108.6



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: 40.72 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion: 77 Resp: 980793

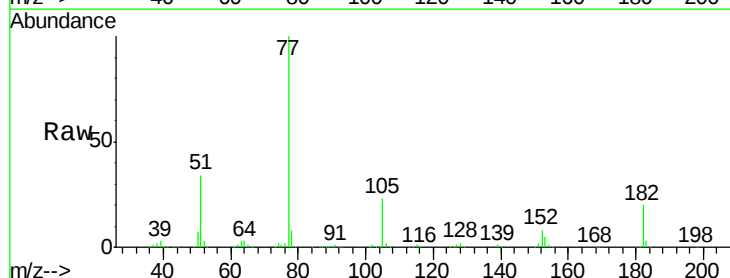
Ion Ratio Lower Upper

77 100

182 19.8 8.3 48.3

105 23.2 4.6 44.6

51 34.3 6.2 46.2

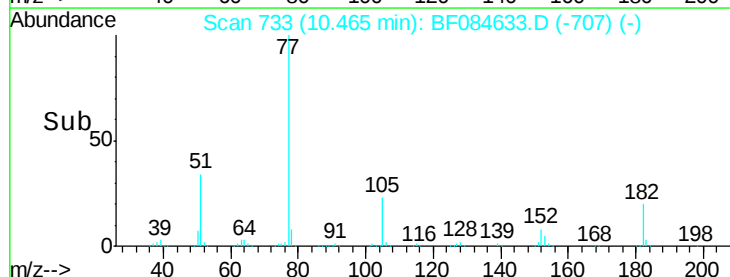
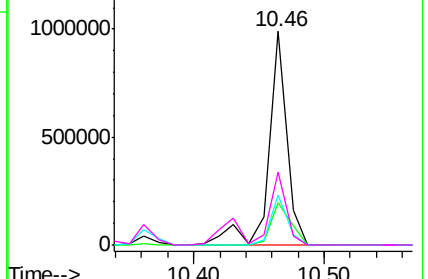


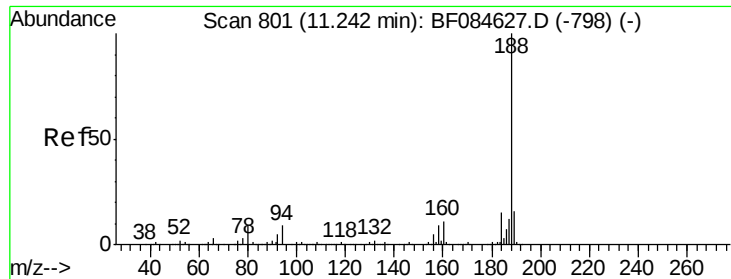
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

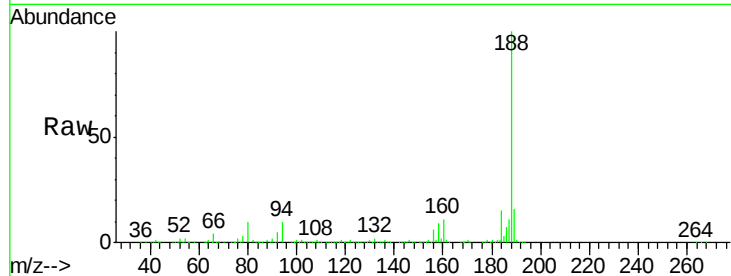
Tgt Ion:188 Resp: 627533

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

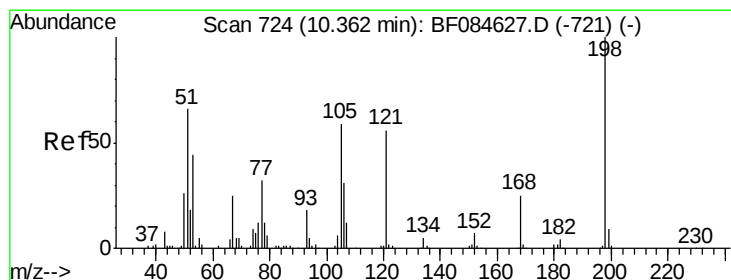
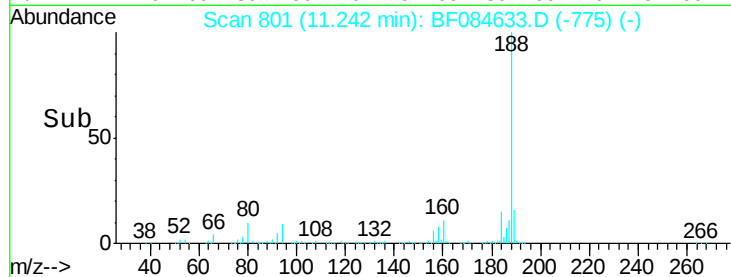
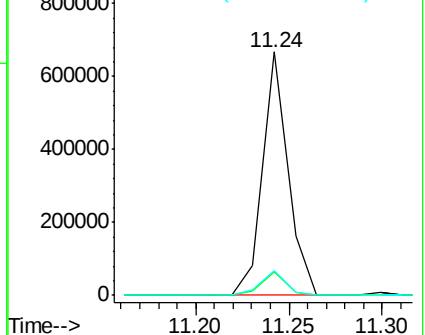
80 10.3 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.63 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

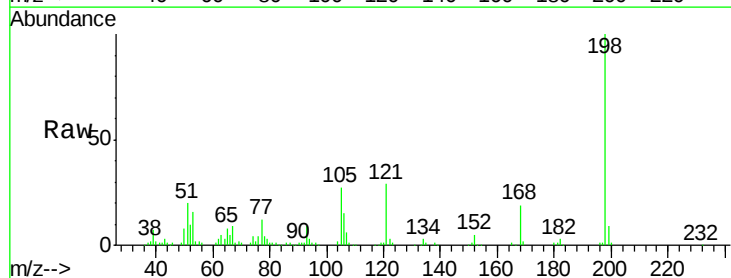
Tgt Ion:198 Resp: 162441

Ion Ratio Lower Upper

198 100

51 19.6 18.9 58.9

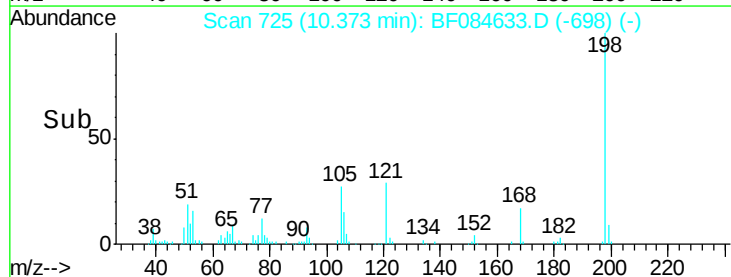
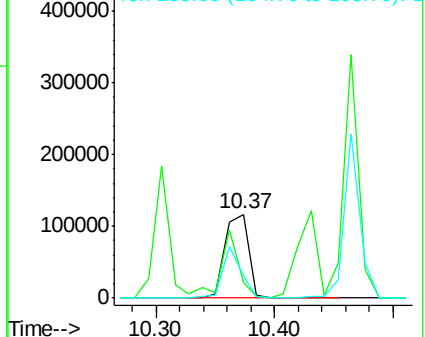
105 26.7 26.4 66.4

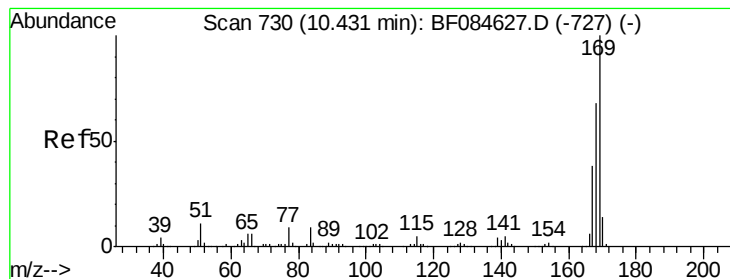


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

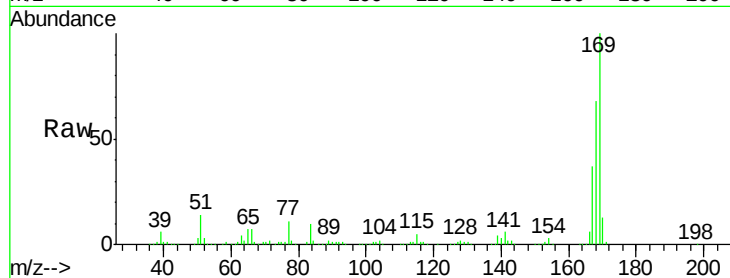




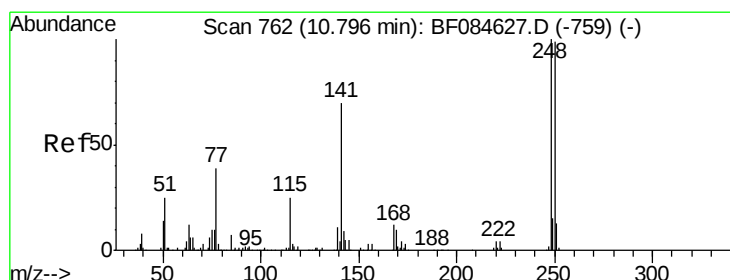
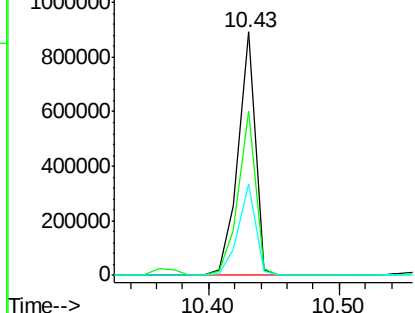
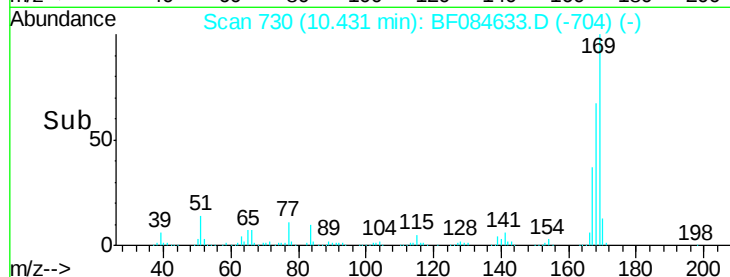
#65
 n-Nitrosodiphenylamine
 Concen: 40.16 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tgt Ion:169 Resp: 817209
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.1 82.7
 167 37.5 30.0 45.0

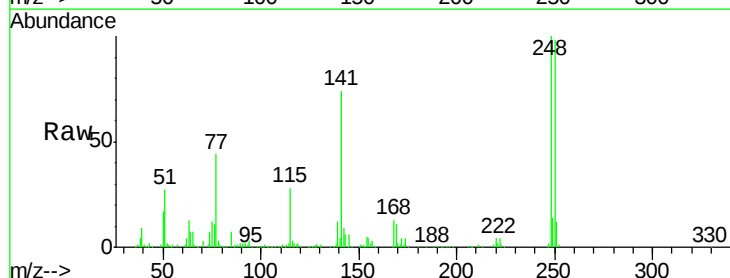


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

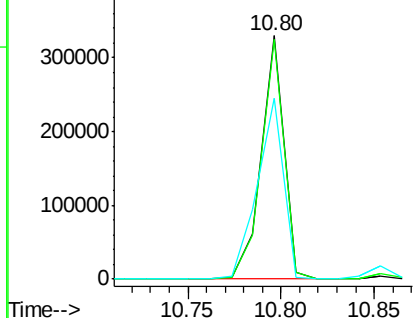
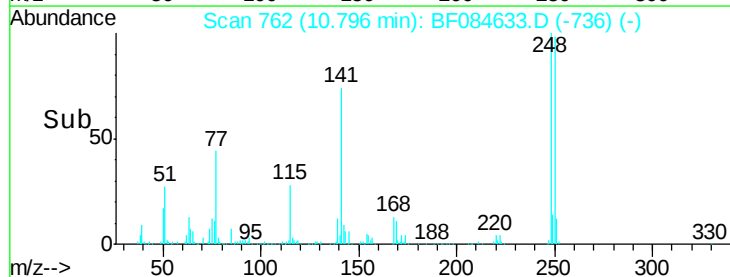


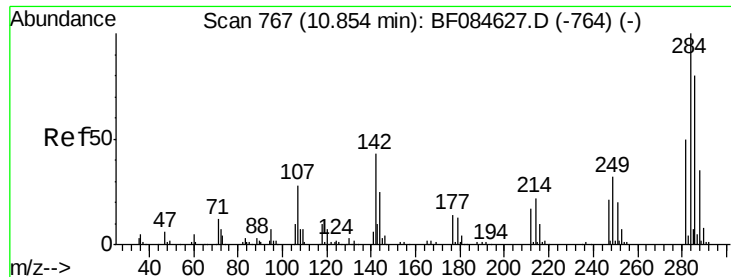
#66
 4-Bromophenyl-phenylether
 Concen: 39.08 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion:248 Resp: 276170
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.4 117.6
 141 74.3 44.0 66.0#



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: 37.21 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

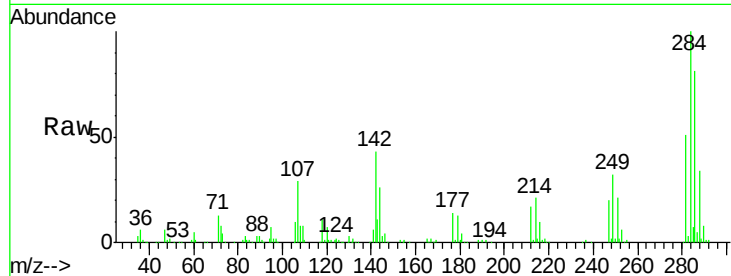
Tgt Ion:284 Resp: 286054

Ion Ratio Lower Upper

284 100

142 43.2 22.2 33.4#

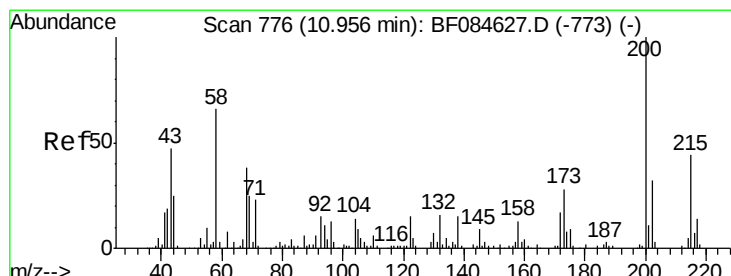
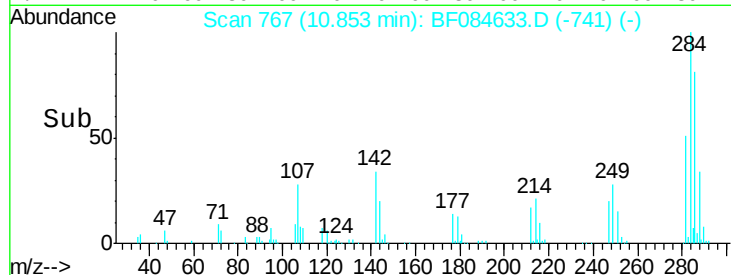
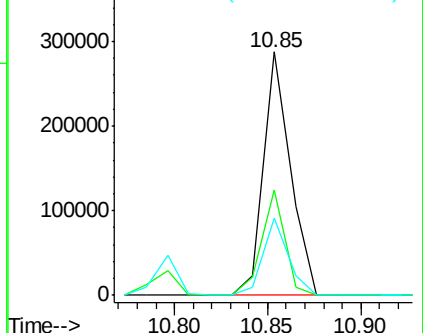
249 31.9 24.6 37.0



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: 38.85 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

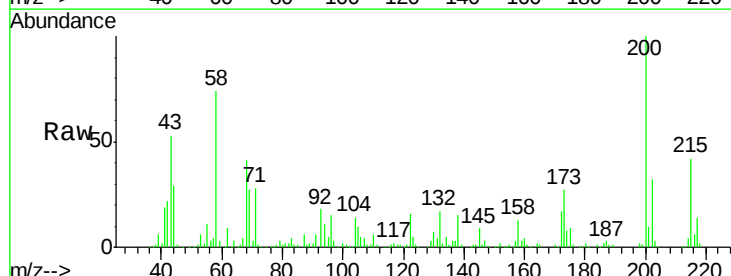
Tgt Ion:200 Resp: 236818

Ion Ratio Lower Upper

200 100

173 27.5 9.5 49.5

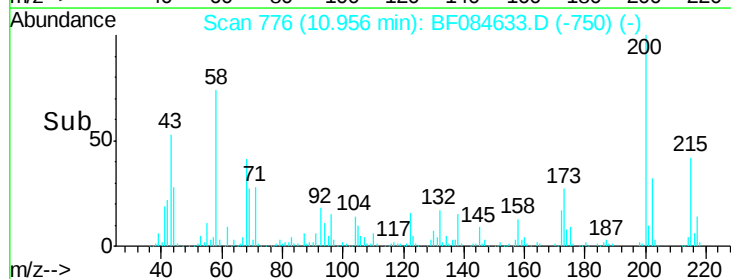
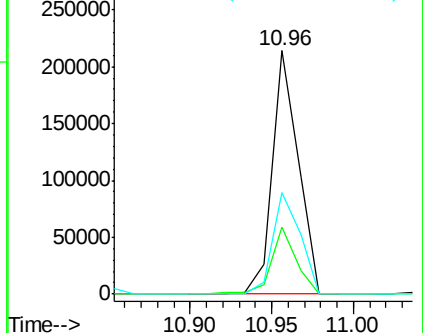
215 41.6 23.8 63.8

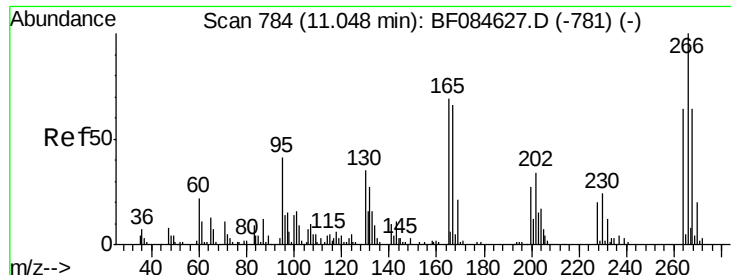


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

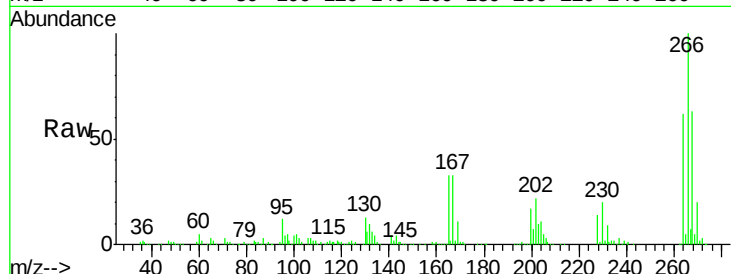




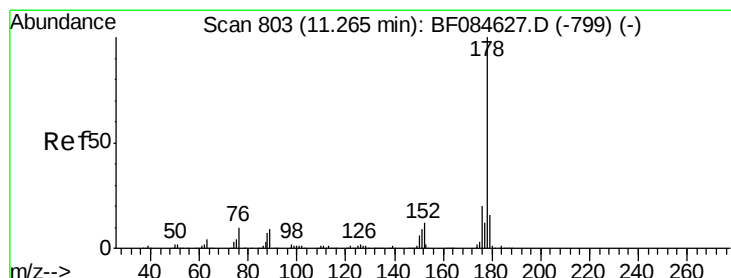
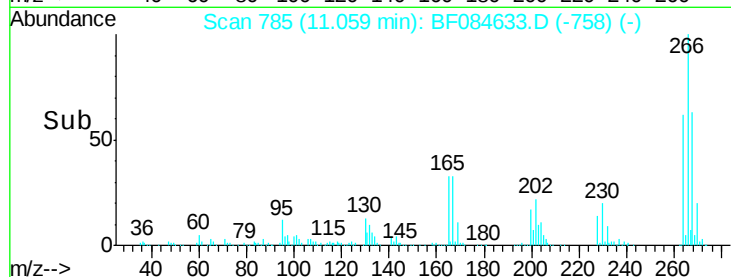
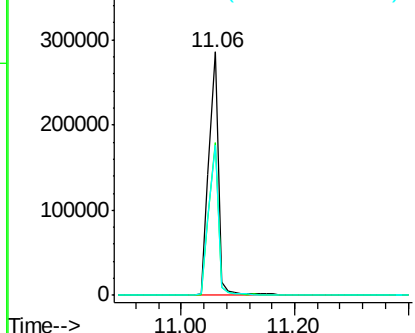
#69
 Pentachlorophenol
 Concen: 86.87 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tgt Ion:266 Resp: 322634
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.4 78.6
 264 61.9 50.2 75.2

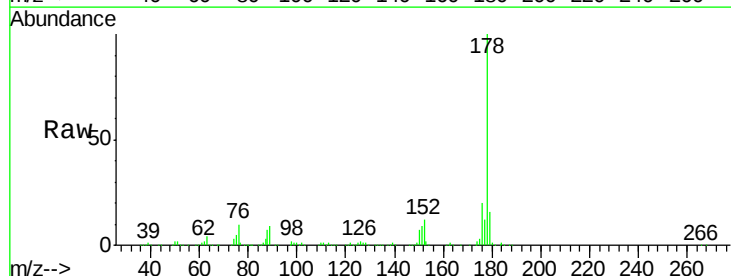


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

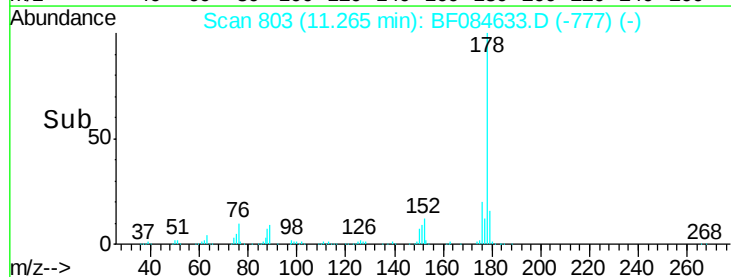
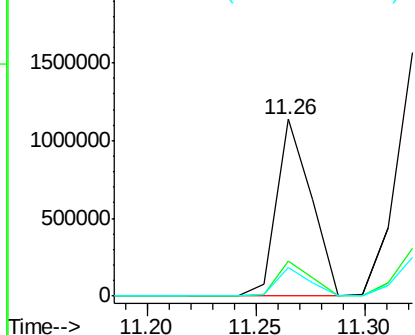


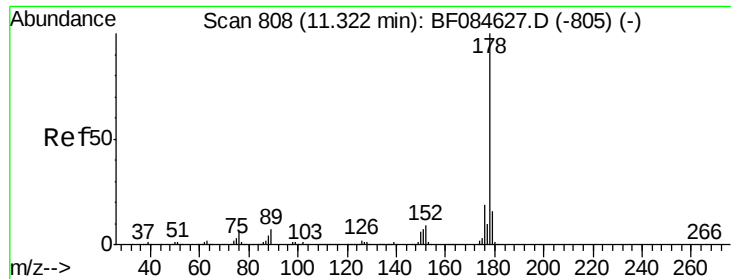
#70
 Phenanthrene
 Concen: 36.33 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion:178 Resp: 1260759
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.3 22.9
 179 16.1 12.0 18.0



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

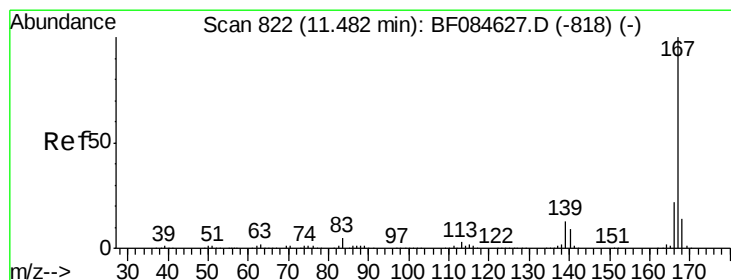
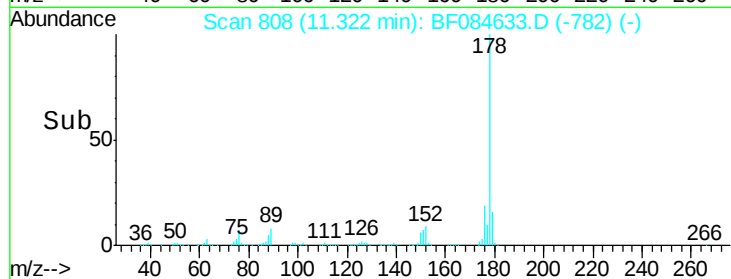
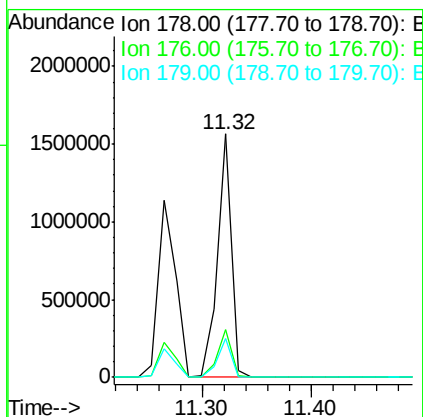
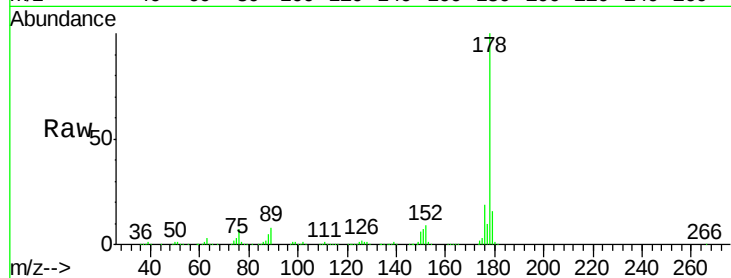




#71
 Anthracene
 Concen: 40.14 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

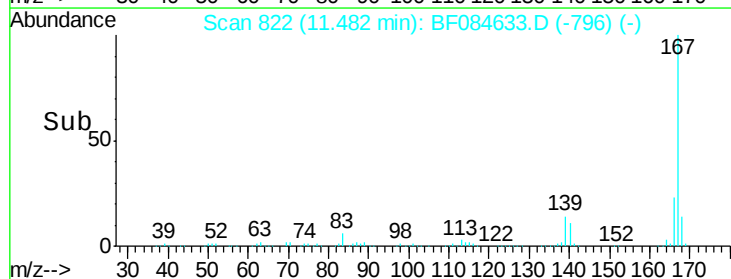
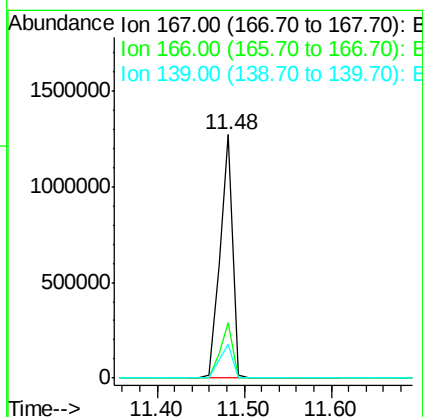
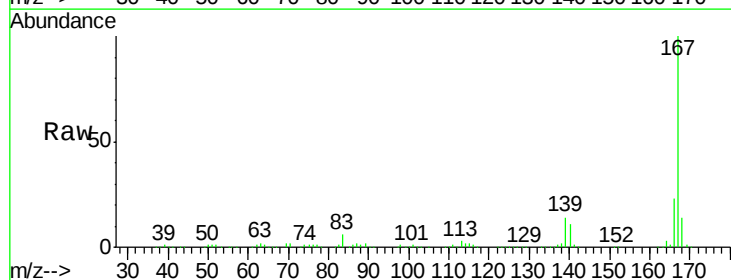
Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

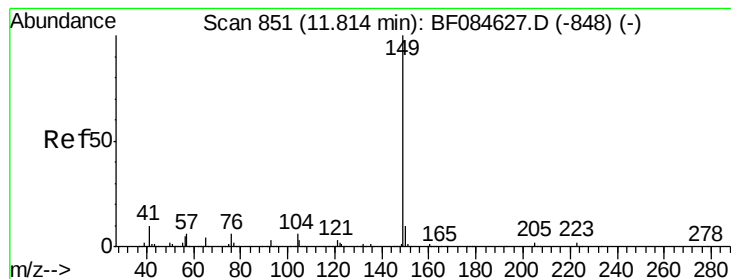
Tgt Ion:178 Resp: 1416317
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 42.92 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion:167 Resp: 1304894
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.87 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

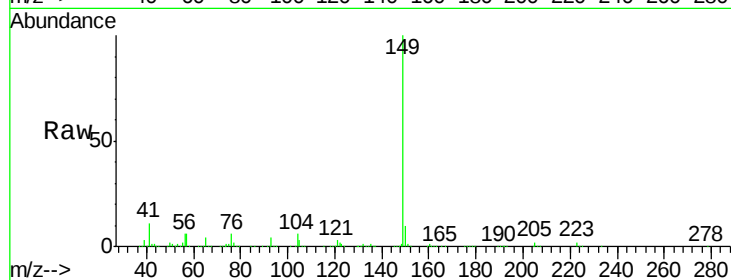
Tgt Ion:149 Resp: 1437541

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

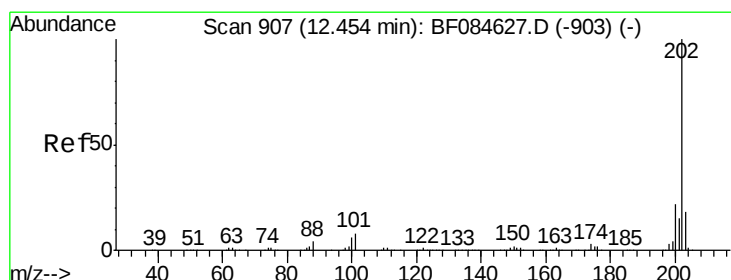
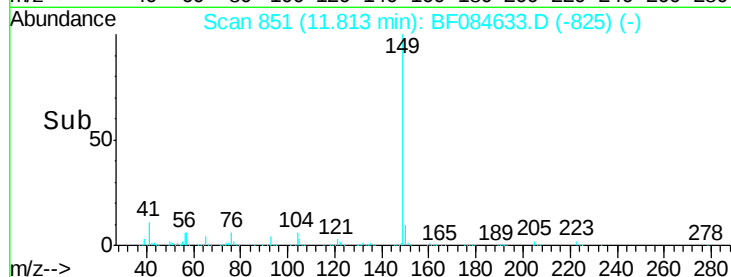
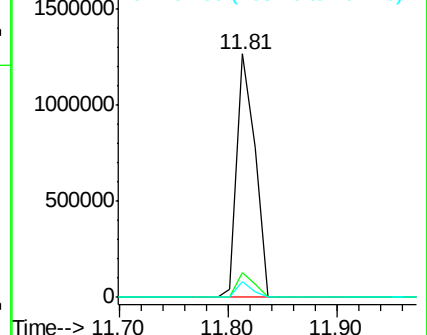
104 6.3 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.35 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

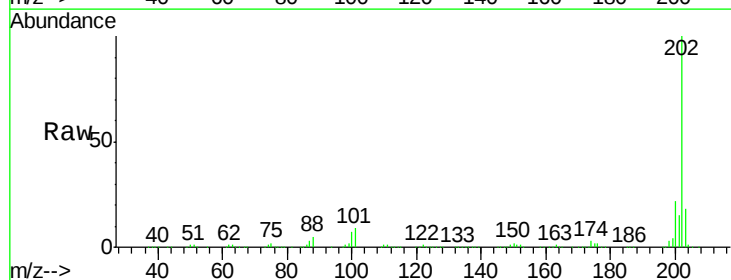
Tgt Ion:202 Resp: 1487048

Ion Ratio Lower Upper

202 100

101 9.3 0.0 32.8

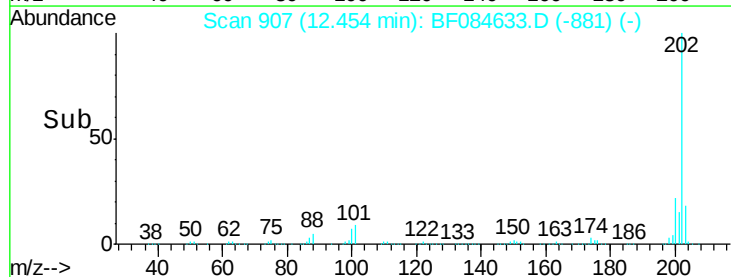
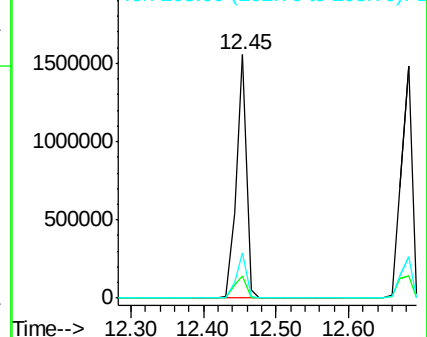
203 18.5 0.0 37.9

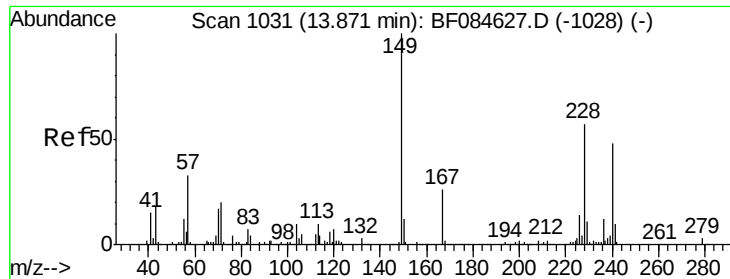


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

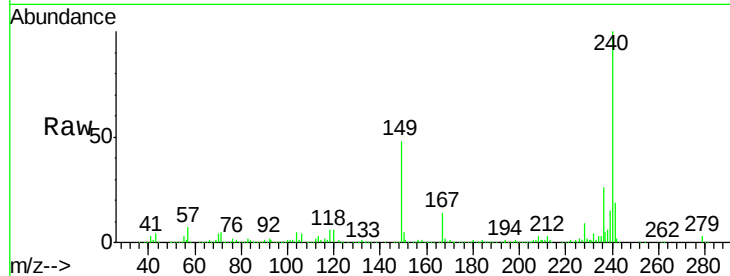
Tgt Ion:240 Resp: 519679

Ion Ratio Lower Upper

240 100

120 6.2 9.5 14.3#

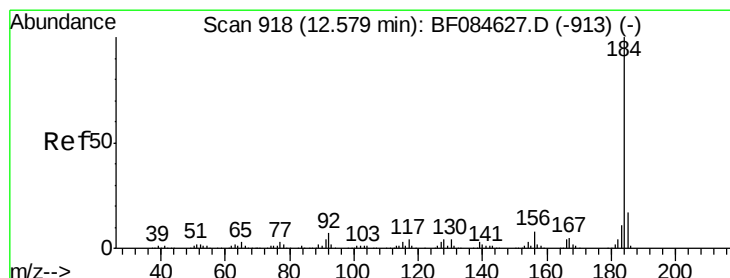
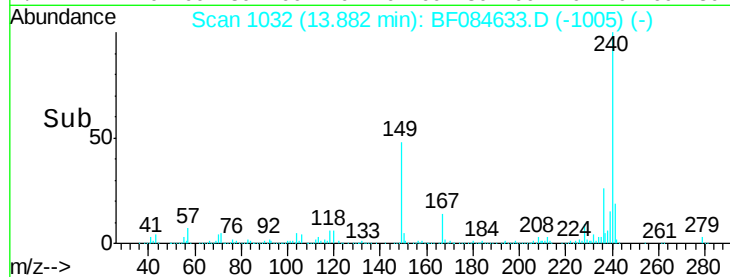
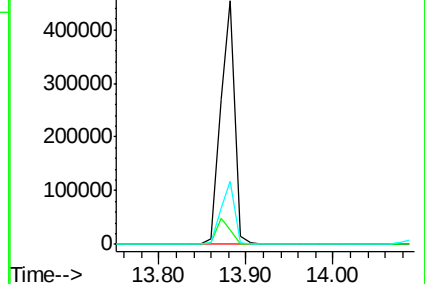
236 25.8 20.6 31.0



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: 17.83 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

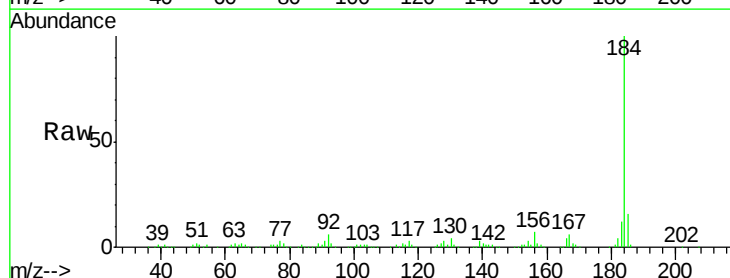
Tgt Ion:184 Resp: 352341

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

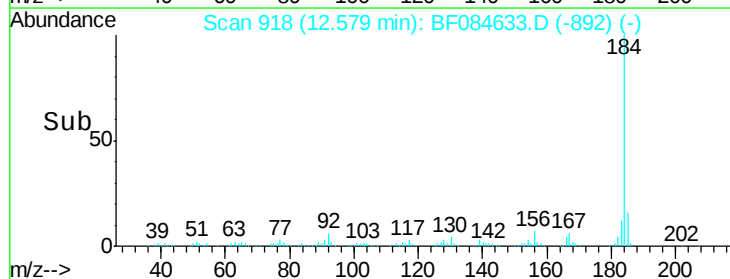
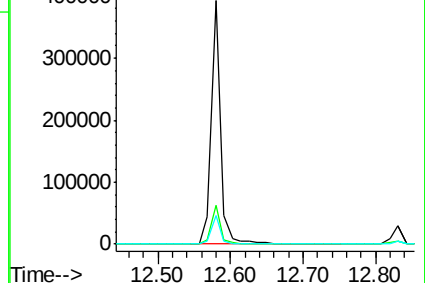
183 11.9 9.8 14.8

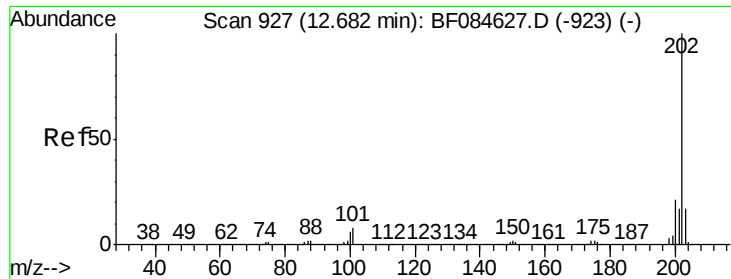


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



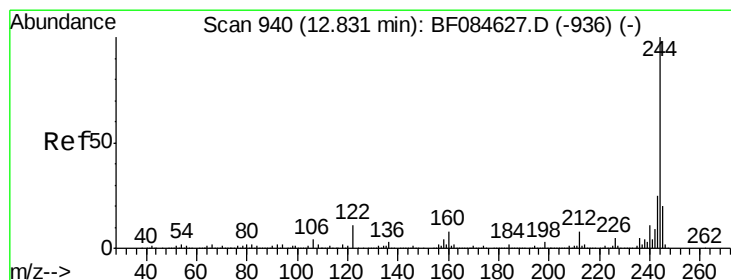
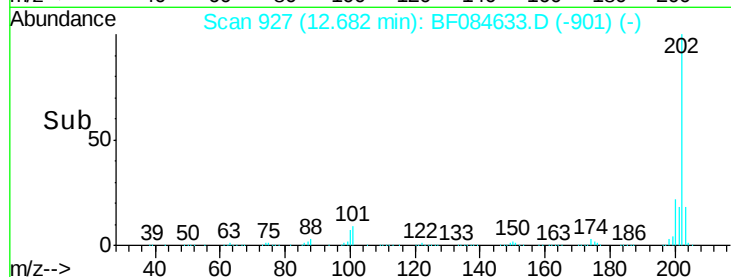
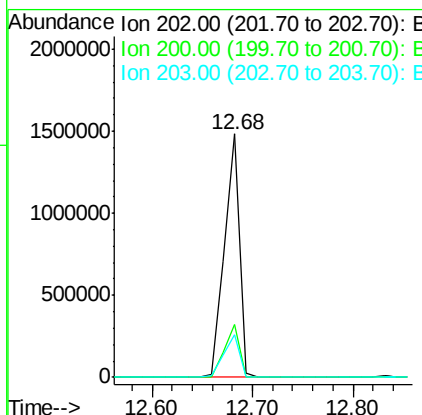
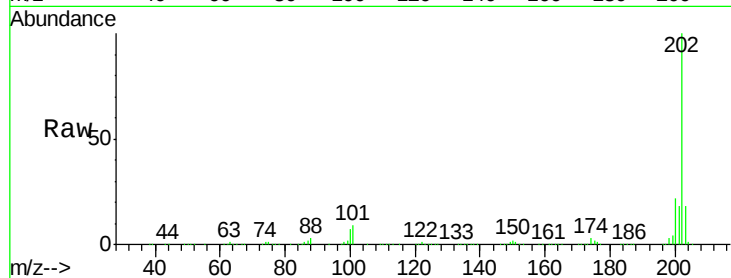


#77
 Pyrene
 Concen: 39.33 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tgt Ion: 202 Resp: 1541427

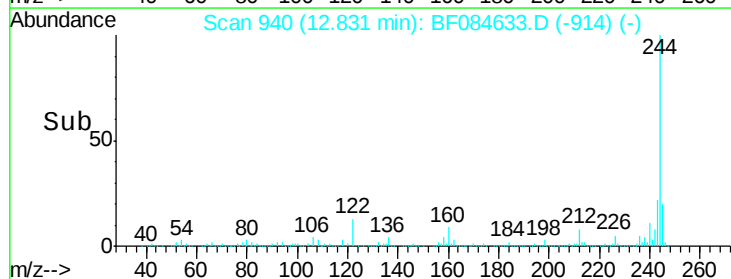
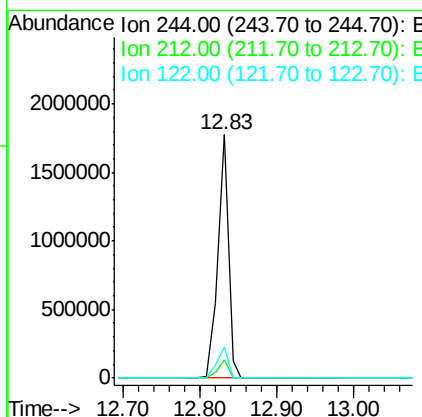
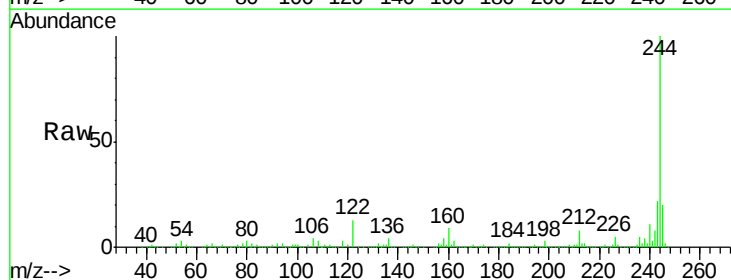
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	17.8	14.3	21.5

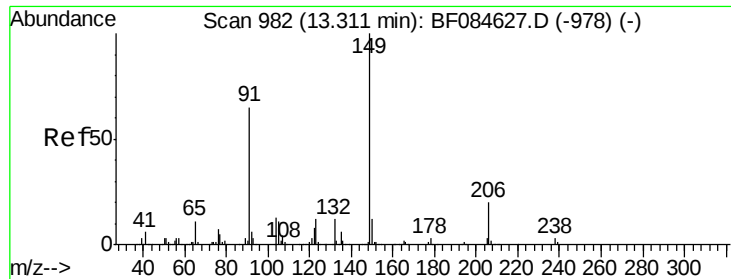


#78
 Terphenyl-d14
 Concen: 73.70 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion: 244 Resp: 1695872

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	12.6	7.4	11.0

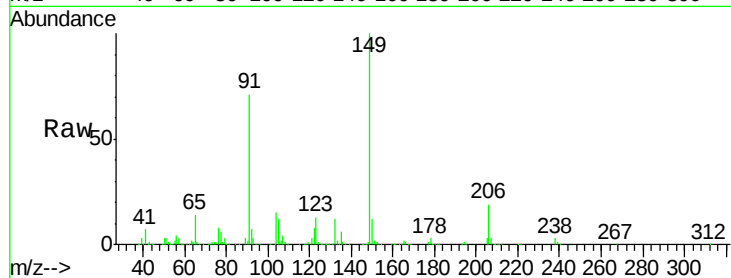




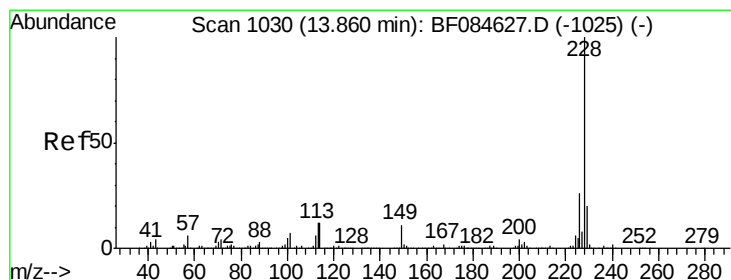
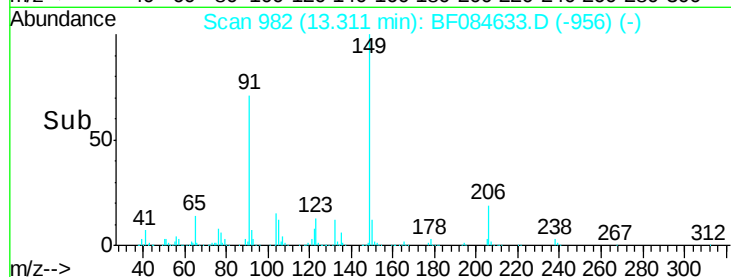
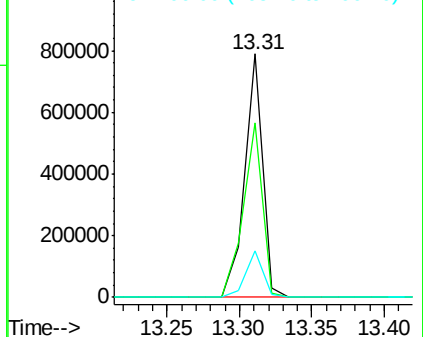
#79
Butylbenzylphthalate
Concen: 40.50 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tgt Ion:149 Resp: 678153
Ion Ratio Lower Upper
149 100
91 71.5 57.6 86.4
206 19.3 13.2 19.8

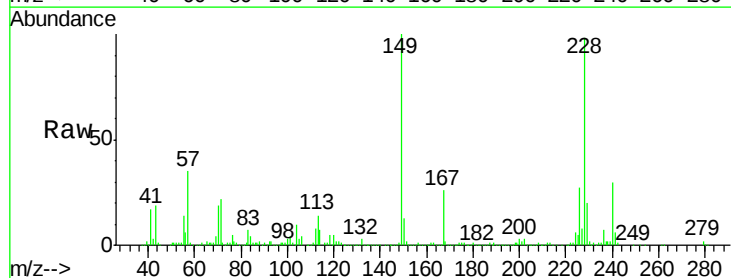


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

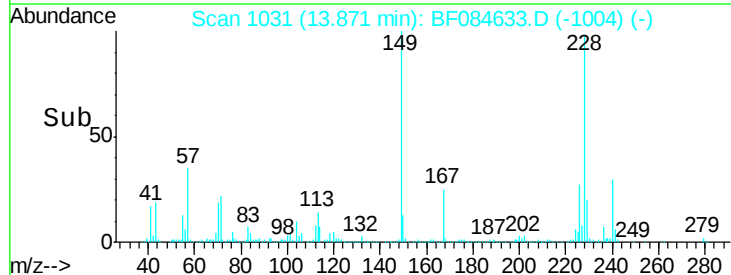
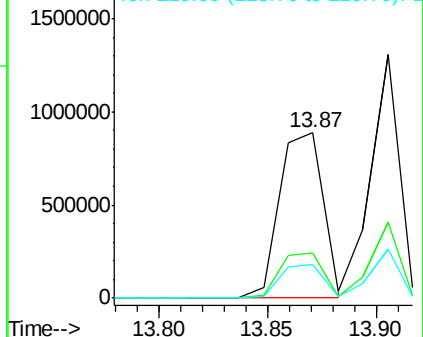


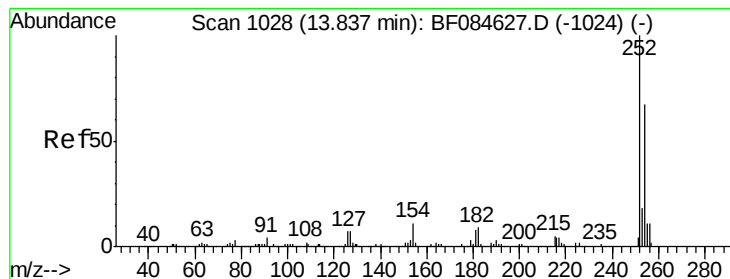
#80
Benzo(a)anthracene
Concen: 38.52 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion:228 Resp: 1247815
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.6
229 20.0 15.8 23.8



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

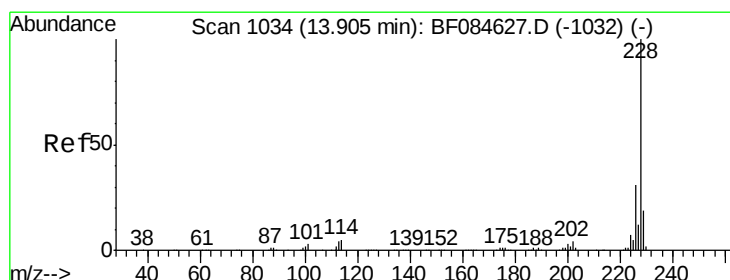
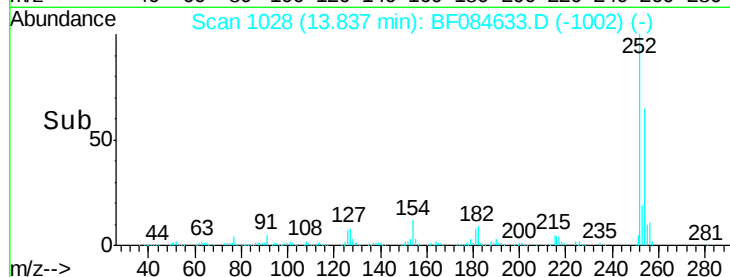
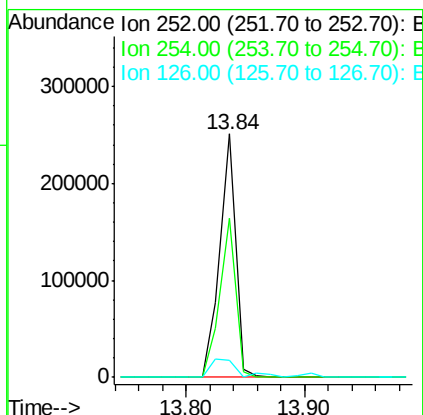
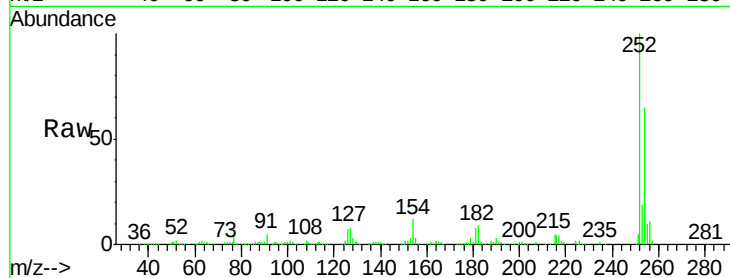




#81
 3,3'-Dichlorobenzidine
 Concen: 20.46 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

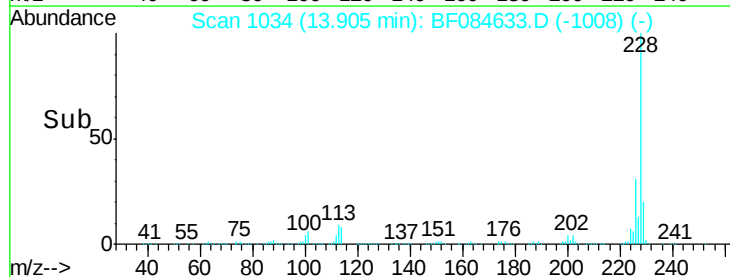
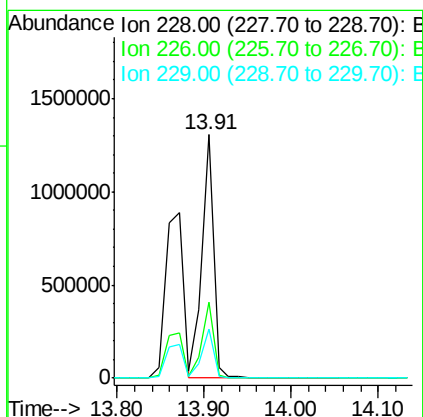
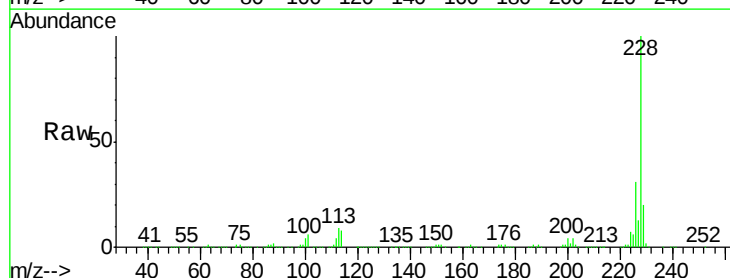
Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

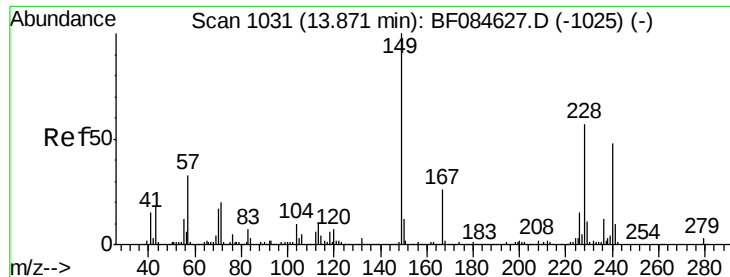
Tgt Ion: 252 Resp: 233176
 Ion Ratio Lower Upper
 252 100
 254 65.3 53.5 80.3
 126 7.2 4.9 7.3



#82
 Chrysene
 Concen: 37.81 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion: 228 Resp: 1207321
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.3 36.5
 229 20.4 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.36 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

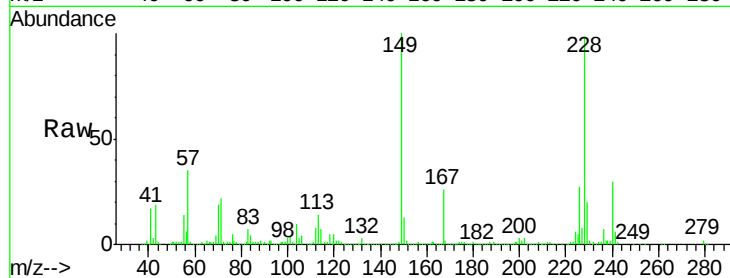
Tgt Ion:149 Resp: 833177

Ion Ratio Lower Upper

149 100

167 25.6 19.7 29.5

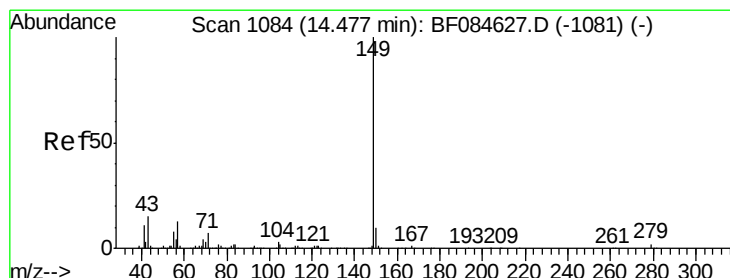
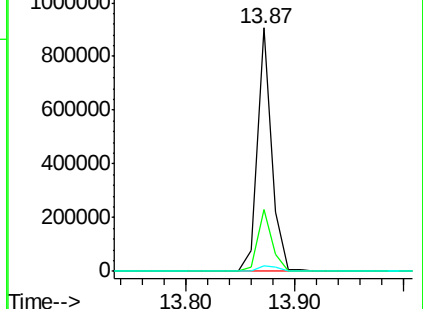
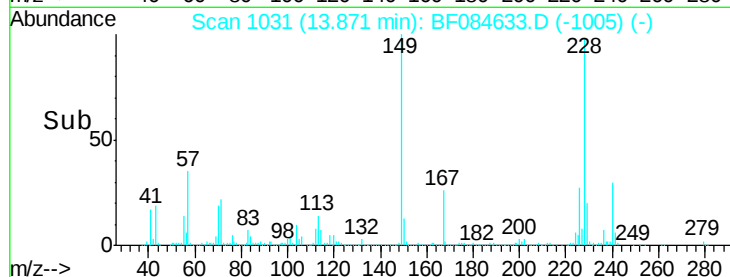
279 2.3 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.73 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

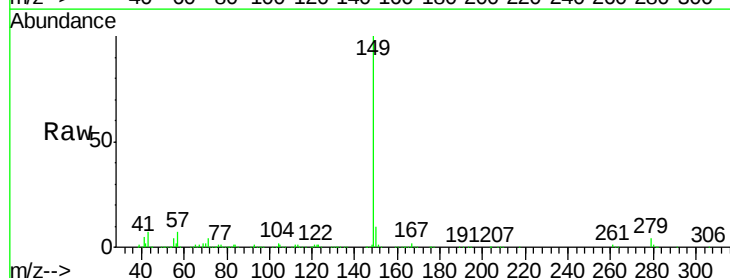
Tgt Ion:149 Resp: 1500613

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

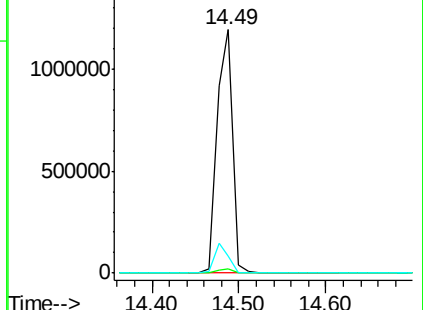
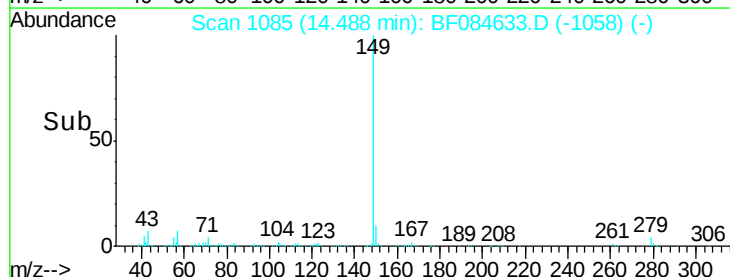
43 11.2 5.6 8.4#

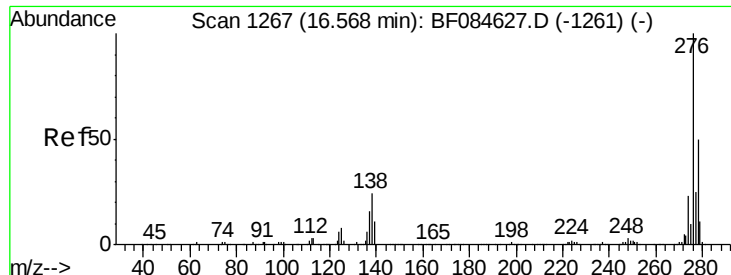


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

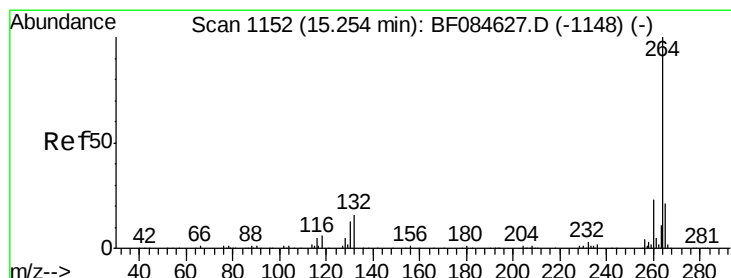
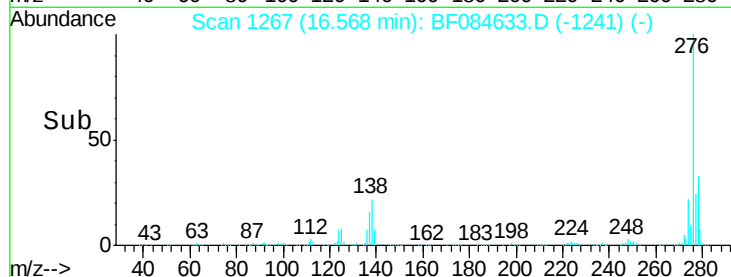
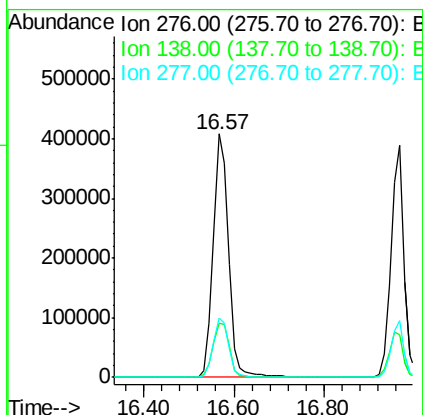
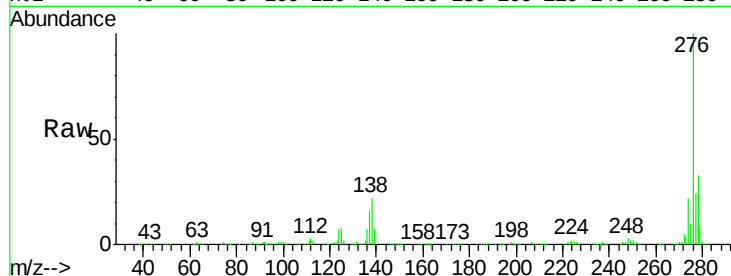




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.63 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampled :
 PB88038BS

Tgt Ion: 276 Resp: 977665
 Ion Ratio Lower Upper
 276 100
 138 24.2 20.6 30.8
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion: 264 Resp: 471938
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.7 17.8 26.6

