

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084710.D
 Acq On : 1 Feb 2016 15:38
 Operator : SJ/IZ
 Sample : PB88000BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

Quant Time: Feb 02 00:29:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171964	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	710627	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	340191	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	632865	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	476823	20.00	ng	0.00
86) Perylene-d12	15.24	264	409946	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1368575	123.96	ng	0.01
7) Phenol-d6	6.36	99	1659827	121.27	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1080773	85.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	438886	123.68	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1786136	90.31	ng	-0.01
78) Terphenyl-d14	12.82	244	1747813	83.06	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	165678	34.26	ng	# 76
3) Pyridine	2.97	79	464977	36.90	ng	# 76
4) n-Nitrosodimethylamine	2.92	42	263530	40.44	ng	87
6) Aniline	6.37	93	371844	22.20	ng	# 45
8) 2-Chlorophenol	6.50	128	495865	39.68	ng	92
9) Benzaldehyde	6.26	77	16642	2.06	ng	93
10) Phenol	6.38	94	541454	35.31	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	455793	38.12	ng	84
12) 1,3-Dichlorobenzene	6.89	146	458326	34.71	ng	97
13) 1,4-Dichlorobenzene	6.73	146	501795	38.02	ng	97
14) 1,2-Dichlorobenzene	6.89	146	458512	37.30	ng	93
15) Benzyl Alcohol	6.86	79	394443	41.74	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	735561	36.57	ng	87
17) 2-Methylphenol	6.99	107	417935	42.29	ng	# 93
18) Hexachloroethane	7.22	117	196207	38.60	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	356477	41.55	ng	# 77
20) 3+4-Methylphenols	7.14	107	496879	40.50	ng	# 77
22) Acetophenone	7.13	105	689195	36.80	ng	99
24) Nitrobenzene	7.30	77	481895	35.67	ng	97
25) Isophorone	7.54	82	944363	38.50	ng	98
26) 2-Nitrophenol	7.62	139	273941	41.12	ng	# 88
27) 2,4-Dimethylphenol	7.66	122	457772	39.50	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	566365	38.92	ng	99
29) 2,4-Dichlorophenol	7.87	162	407106	41.06	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	420494	37.55	ng	96
31) Naphthalene	8.02	128	1315762	36.91	ng	100
32) Benzoic acid	7.80	122	271686	36.65	ng	92
33) 4-Chloroaniline	8.08	127	236780	16.06	ng	95
34) Hexachlorobutadiene	8.14	225	250675	38.82	ng	98
35) Caprolactam	8.45	113	92558	30.29	ng	# 59
36) 4-Chloro-3-methylphenol	8.58	107	497742	44.00	ng	94
37) 2-Methylnaphthalene	8.72	142	1001689	44.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	371620	34.40	ng	98
40) Hexachlorocyclopentadiene	8.86	237	385963	80.65	ng	98

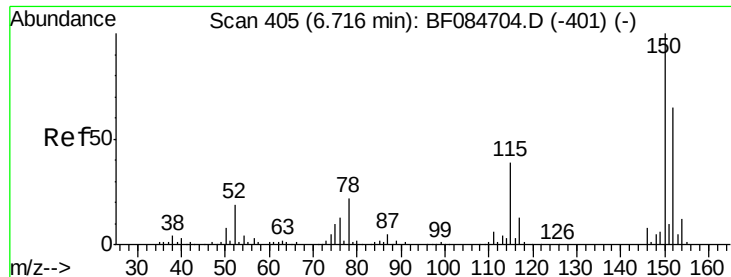
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	309199	44.42	ng	93
43) 2,4,5-Trichlorophenol	9.05	196	281763	39.84	ng	92
45) 1,1'-Biphenyl	9.18	154	1138970	37.48	ng	96
46) 2-Chloronaphthalene	9.20	162	837696	37.44	ng	97
47) 2-Nitroaniline	9.30	65	271469	38.31	ng	97
48) Acenaphthylene	9.62	152	1413387	41.62	ng	99
49) Dimethylphthalate	9.49	163	1098399	42.39	ng	# 91
50) 2,6-Dinitrotoluene	9.55	165	250735	44.30	ng	# 82
51) Acenaphthene	9.79	154	900569	40.76	ng	97
52) 3-Nitroaniline	9.71	138	129639	20.38	ng	96
53) 2,4-Dinitrophenol	9.82	184	226880	86.35	ng	# 86
54) Dibenzofuran	9.96	168	1243759	46.06	ng	96
55) 4-Nitrophenol	9.89	139	329467	70.48	ng	# 77
56) 2,4-Dinitrotoluene	9.95	165	296231	41.03	ng	# 86
57) Fluorene	10.30	166	968977	42.98	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	237151	44.05	ng	90
59) Diethylphthalate	10.19	149	1062298	41.99	ng	96
60) 4-Chlorophenyl-phenylether	10.29	204	399958	41.69	ng	93
61) 4-Nitroaniline	10.33	138	223049	35.99	ng	92
62) Azobenzene	10.45	77	1090170	44.81	ng	90
64) 4,6-Dinitro-2-methylphenol	10.36	198	181765	46.53	ng	83
65) n-Nitrosodiphenylamine	10.42	169	883837	43.98	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	301428	43.12	ng	# 92
67) Hexachlorobenzene	10.84	284	298520	39.19	ng	# 82
68) Atrazine	10.94	200	254033	40.03	ng	97
69) Pentachlorophenol	11.05	266	328199	91.69	ng	99
70) Phenanthrene	11.25	178	1357081	38.66	ng	98
71) Anthracene	11.31	178	1539205	43.52	ng	99
72) Carbazole	11.47	167	1414596	45.87	ng	99
73) Di-n-butylphthalate	11.80	149	1487873	37.89	ng	# 96
74) Fluoranthene	12.44	202	1568970	44.16	ng	96
76) Benzidine	12.57	184	417561	25.39	ng	98
77) Pyrene	12.67	202	1608153	44.05	ng	99
79) Butylbenzylphthalate	13.30	149	732977	44.26	ng	96
80) Benzo(a)anthracene	13.85	228	1229890	41.56	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	310938	29.67	ng	# 98
82) Chrysene	13.89	228	1230233	42.87	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	878435	42.62	ng	98
84) Di-n-octyl phthalate	14.47	149	1474379	43.36	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.56	276	938238	41.54	ng	99
87) Benzo(b)fluoranthene	14.89	252	2076310	75.38	ng	# 97
88) Benzo(k)fluoranthene	14.89	252	2076310	91.17	ng	99
89) Benzo(a)pyrene	15.19	252	963332	41.05	ng	# 95
90) Dibenzo(a,h)anthracene	16.57	278	783683	39.67	ng	96
91) Benzo(g,h,i)perylene	16.95	276	788618	39.63	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

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BNA_F

ClientSampleId :

PB88000BS

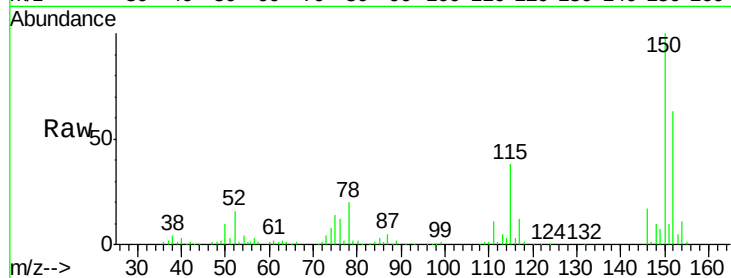
Tgt Ion:152 Resp: 171964

Ion Ratio Lower Upper

152 100

150 159.8 123.0 184.4

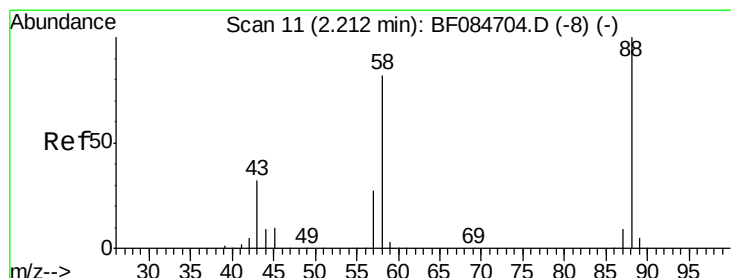
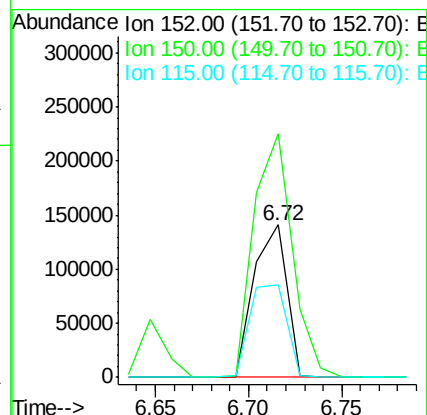
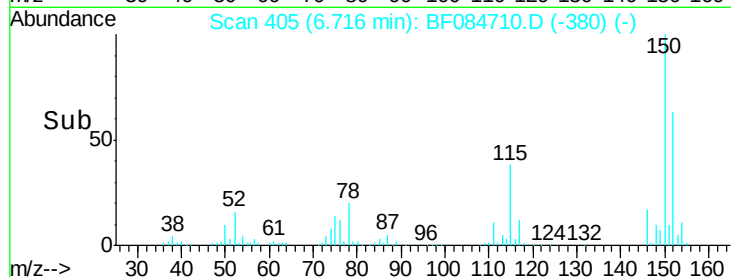
115 60.6 51.4 77.2



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: 34.26 ng

RT: 2.29 min Scan# 18

Delta R.T. 0.07 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

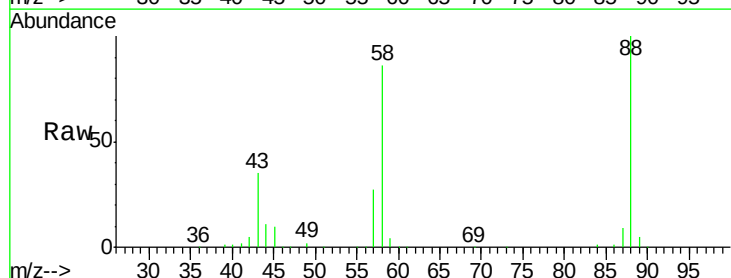
Tgt Ion: 88 Resp: 165678

Ion Ratio Lower Upper

88 100

58 84.5 51.2 76.8#

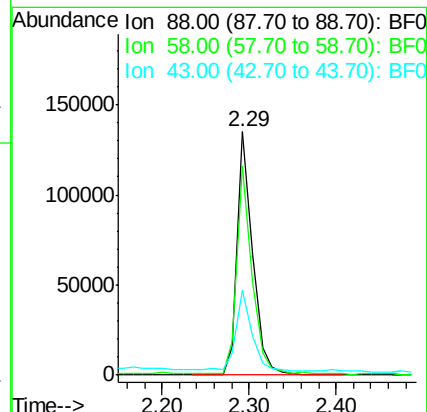
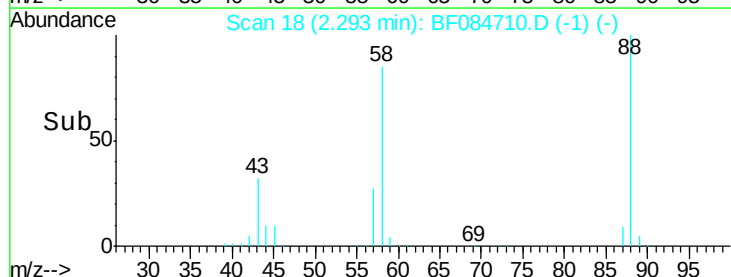
43 34.1 19.5 29.3#

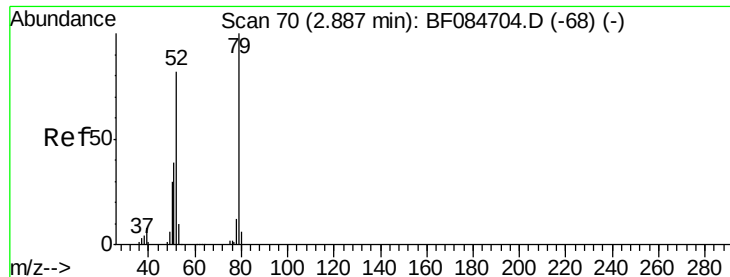


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.90 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.06 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

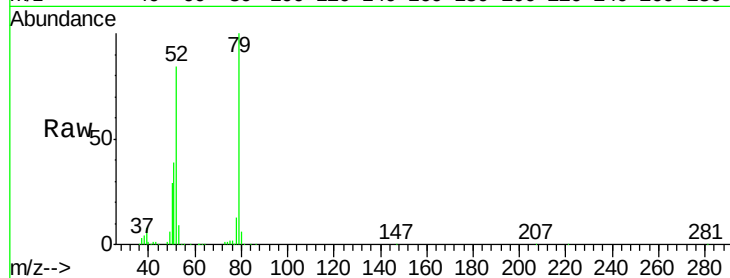
Tgt Ion: 79 Resp: 464977

Ion Ratio Lower Upper

79 100

52 84.1 49.0 73.4#

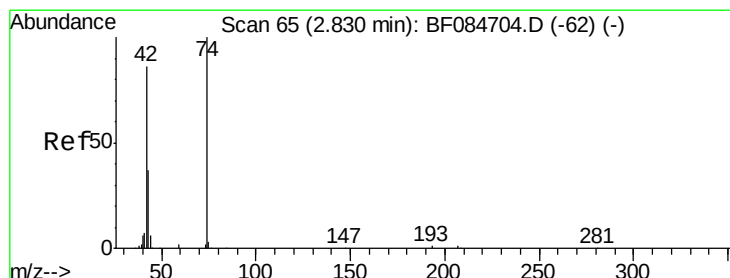
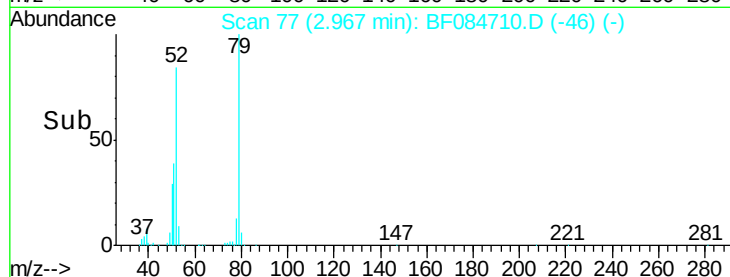
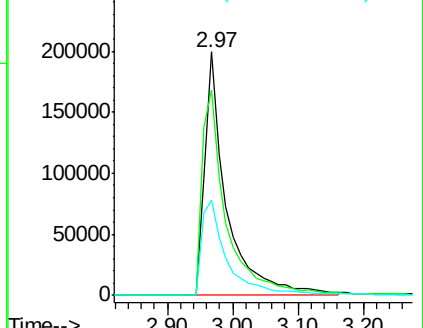
51 39.0 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.44 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

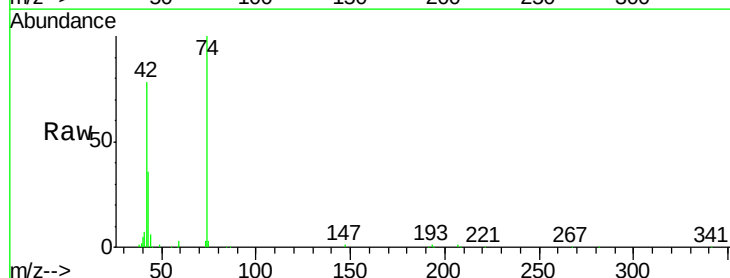
Tgt Ion: 42 Resp: 263530

Ion Ratio Lower Upper

42 100

74 128.0 115.7 173.5

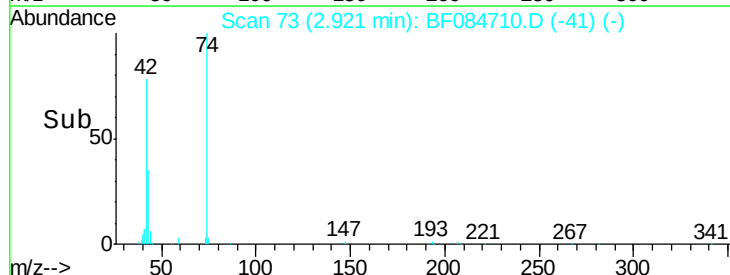
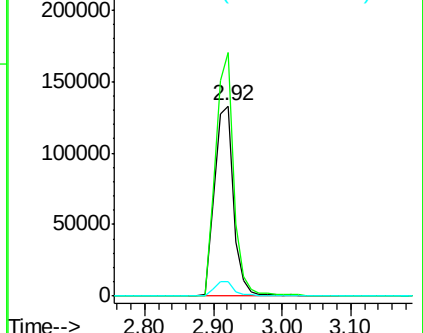
44 7.5 5.1 7.7

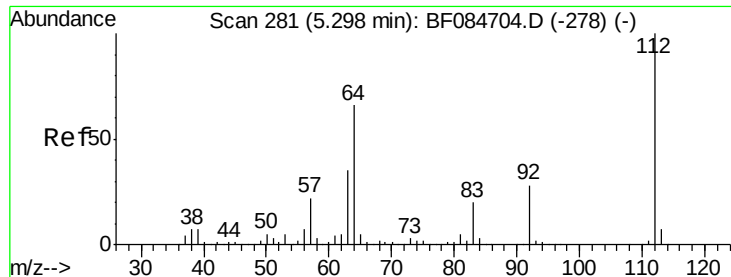


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.96 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

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ClientSampleId :

PB88000BS

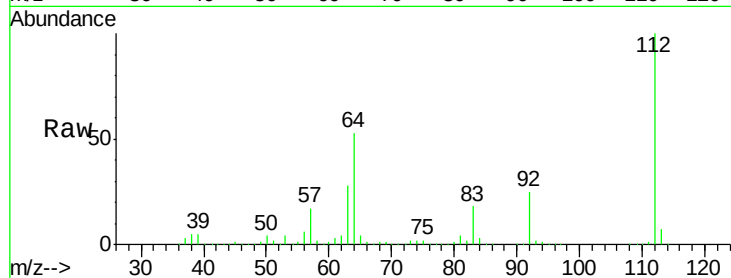
Tgt Ion: 112 Resp: 1368575

Ion Ratio Lower Upper

112 100

64 53.3 36.6 55.0

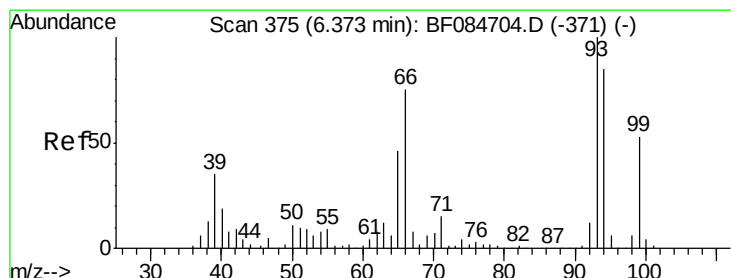
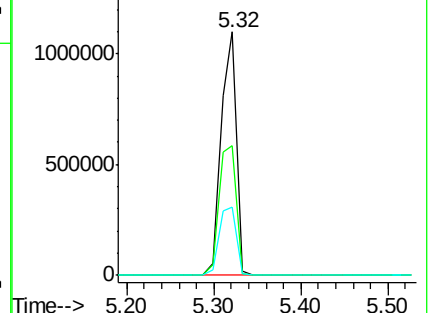
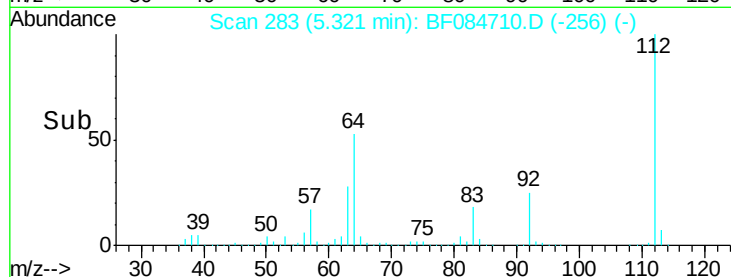
63 27.9 19.4 29.0



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: 22.20 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

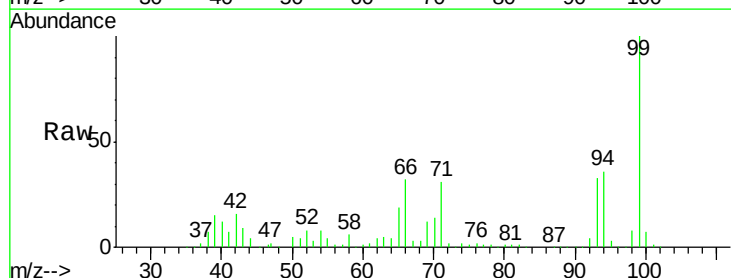
Tgt Ion: 93 Resp: 371844

Ion Ratio Lower Upper

93 100

66 97.7 44.9 67.3#

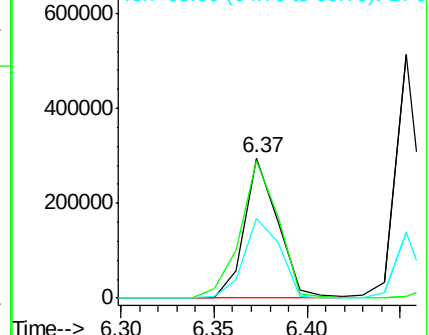
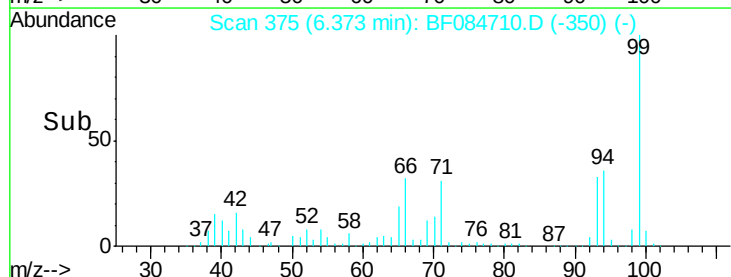
65 56.6 23.7 35.5#

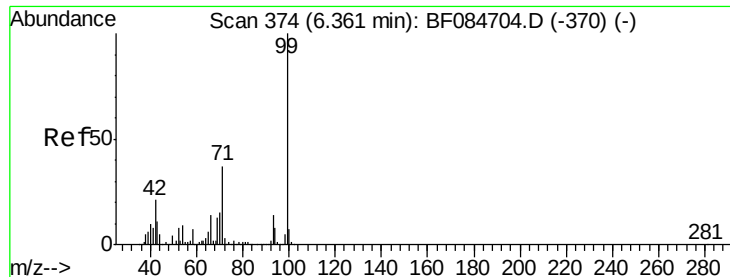


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.27 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084710.D

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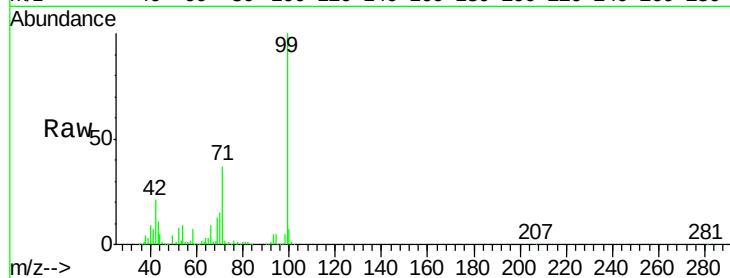
Tgt Ion: 99 Resp: 1659827

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

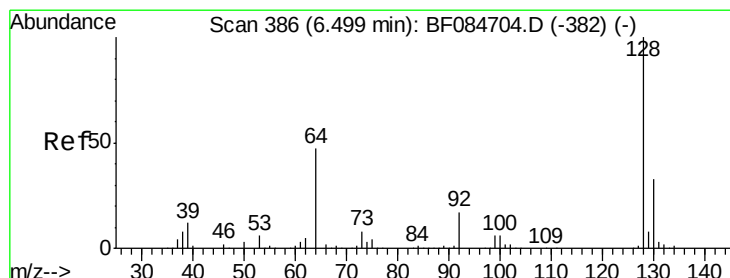
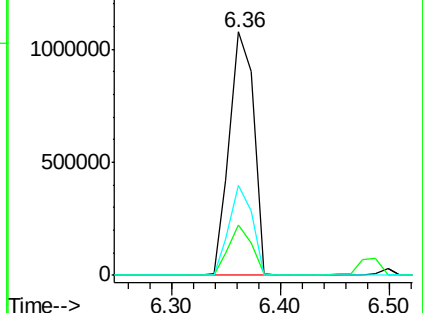
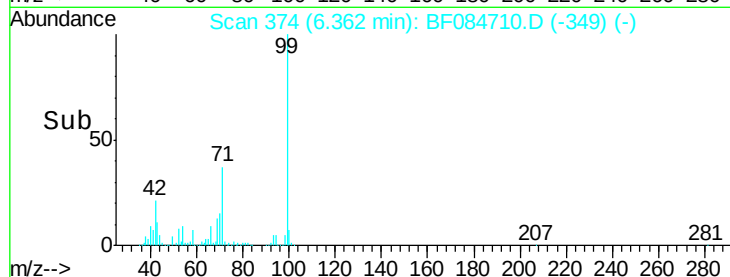
71 36.9 30.9 46.3



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: 39.68 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

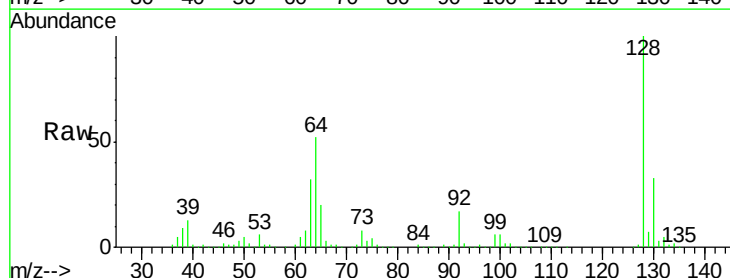
Tgt Ion: 128 Resp: 495865

Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

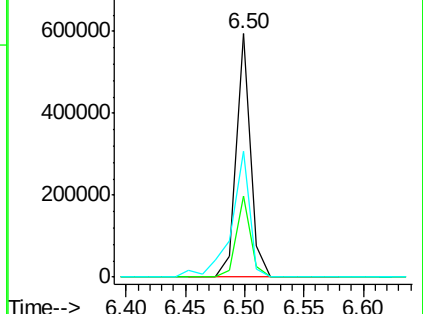
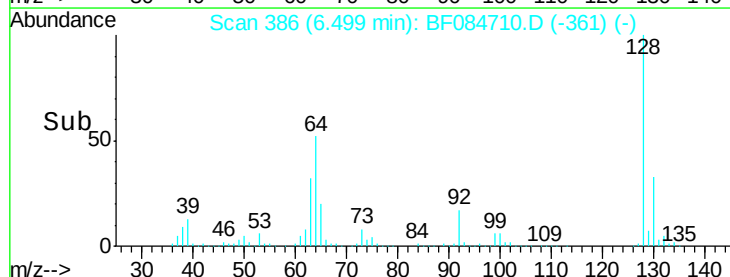
64 51.6 23.8 63.8

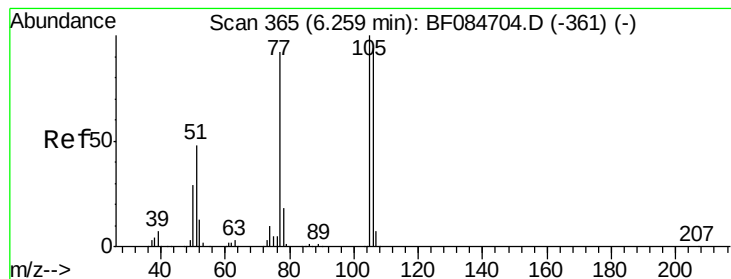


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.06 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

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PB88000BS

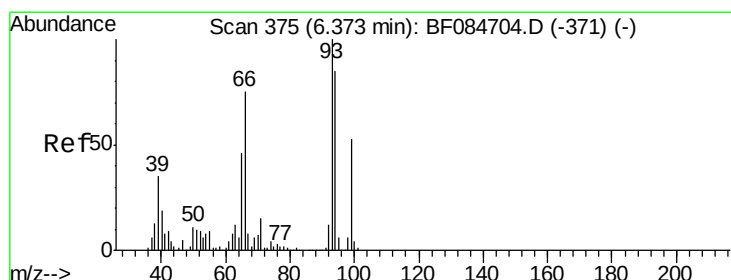
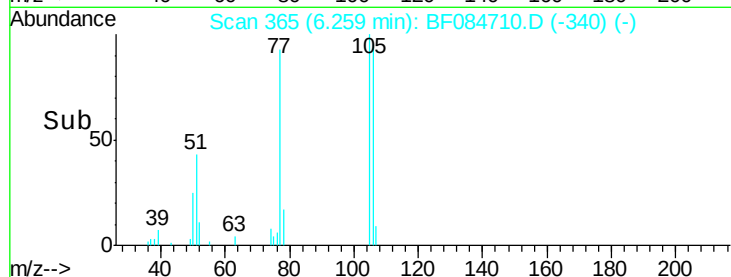
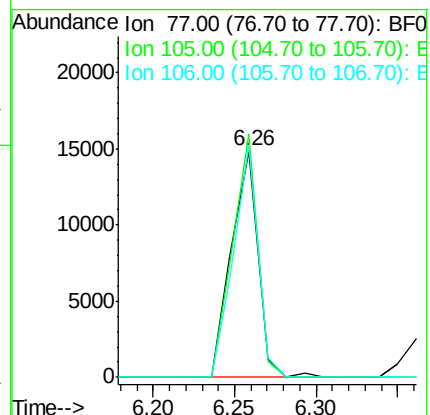
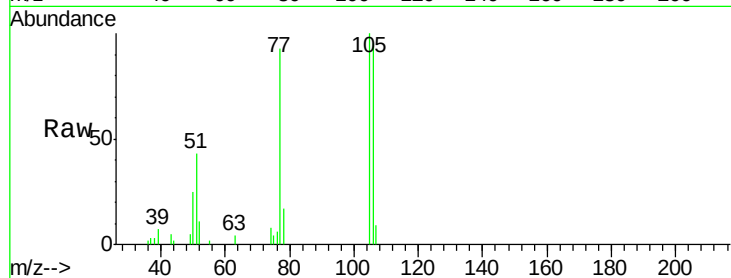
Tgt Ion: 77 Resp: 16642

Ion Ratio Lower Upper

77 100

105 107.9 83.0 123.0

106 102.7 74.6 114.6



#10

Phenol

Concen: 35.31 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

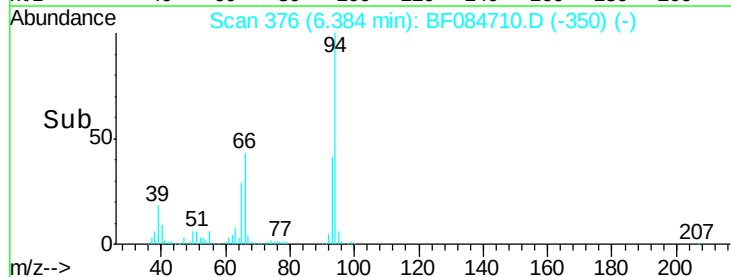
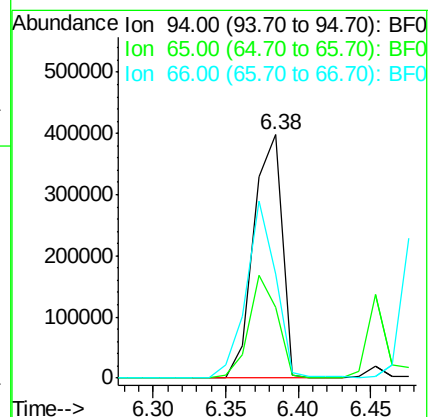
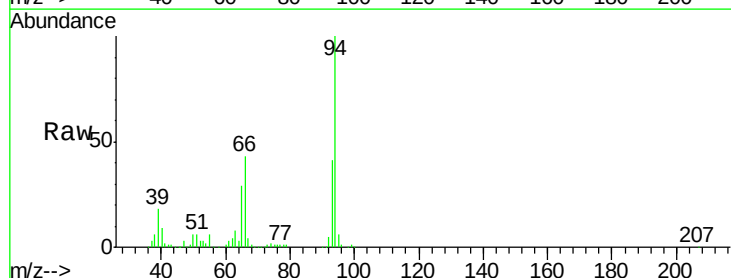
Tgt Ion: 94 Resp: 541454

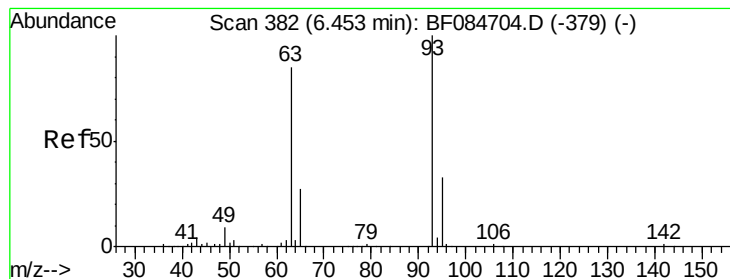
Ion Ratio Lower Upper

94 100

65 29.3 12.9 52.9

66 42.7 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 38.12 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

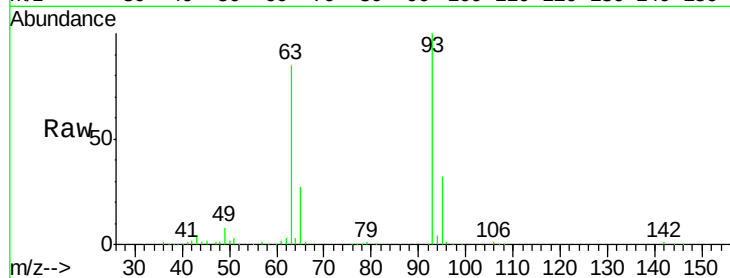
Tgt Ion: 93 Resp: 455793

Ion Ratio Lower Upper

93 100

63 85.2 45.9 85.9

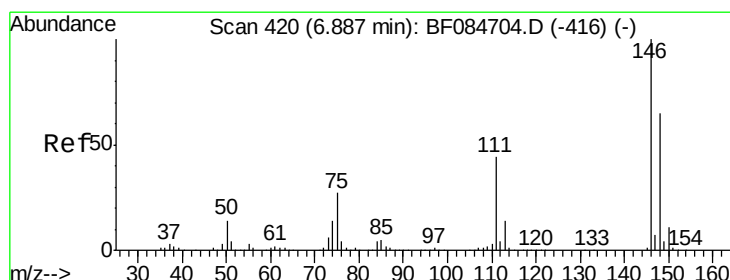
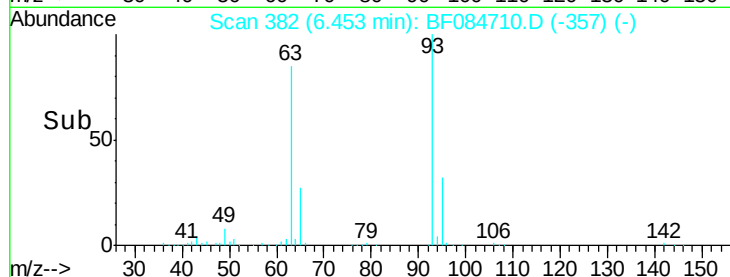
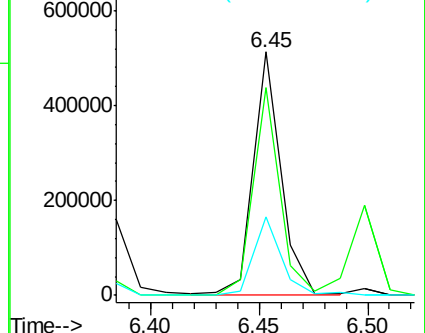
95 32.4 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 34.71 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.23 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

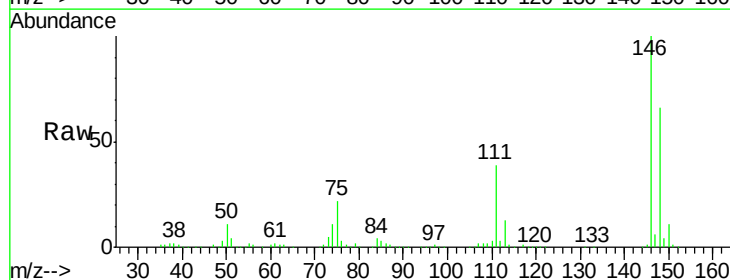
Tgt Ion: 146 Resp: 458326

Ion Ratio Lower Upper

146 100

148 65.9 51.9 77.9

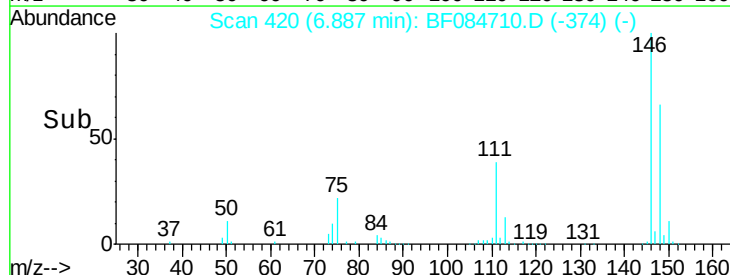
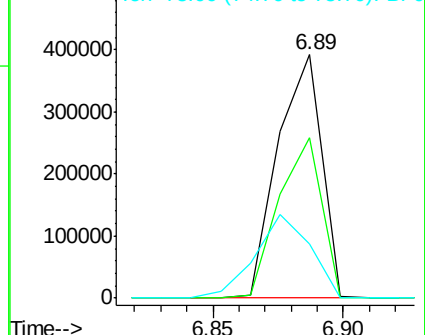
75 22.3 20.5 30.7

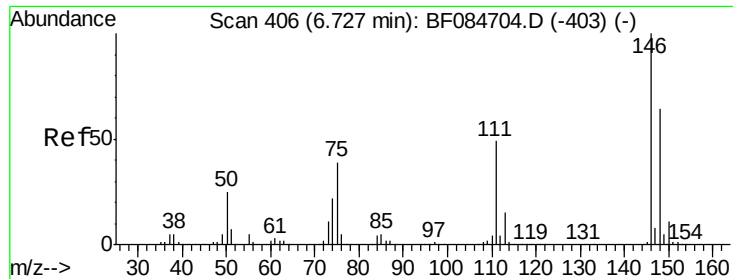


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

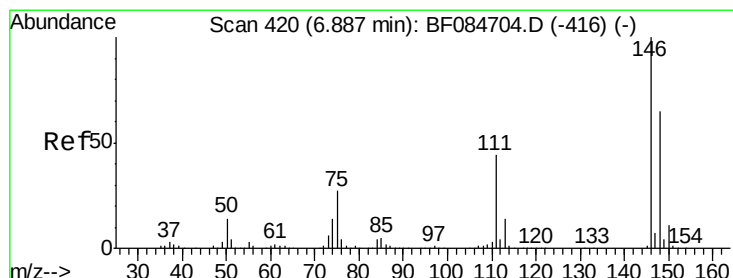
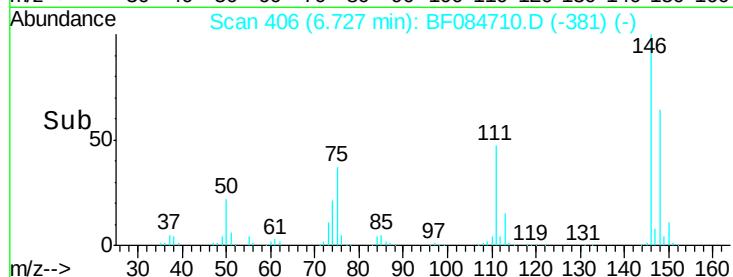
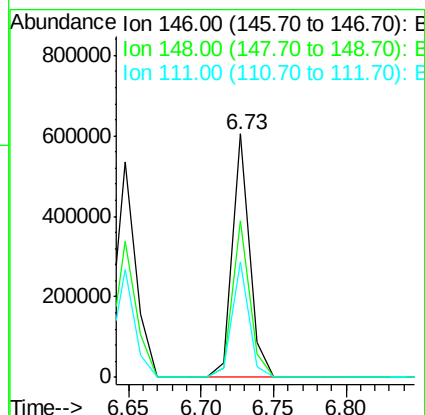
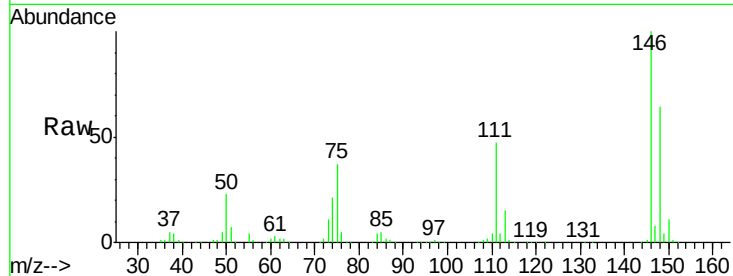




#13
 1,4-Dichlorobenzene
 Concen: 38.02 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

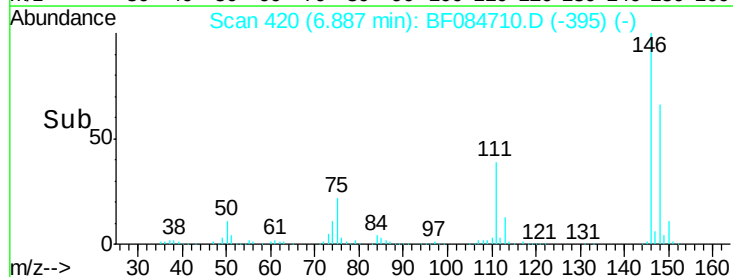
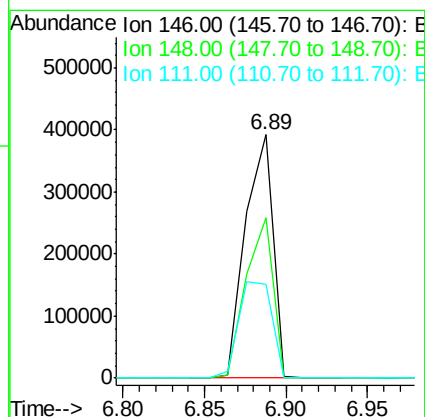
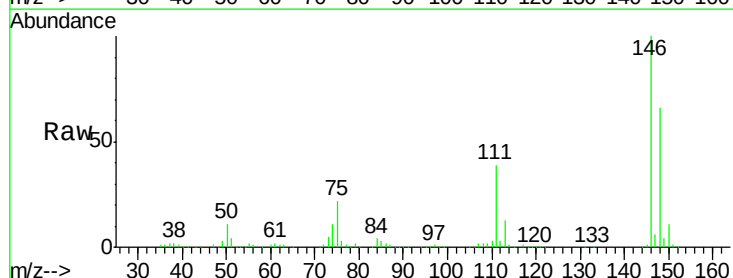
Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

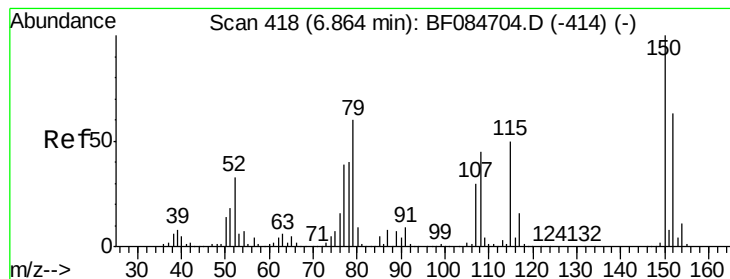
Tgt Ion:146 Resp: 501795
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 47.5 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 37.30 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion:146 Resp: 458512
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.6 77.4
 111 38.8 38.0 57.0





#15

Benzyl Alcohol

Concen: 41.74 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

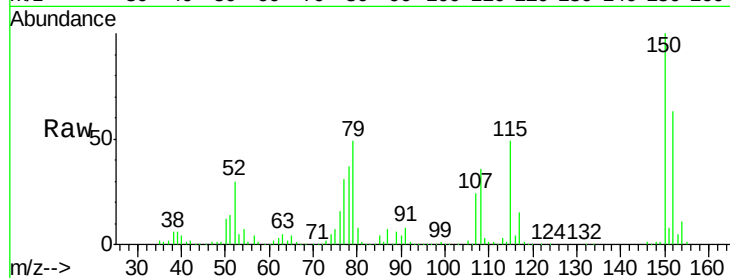
Tgt Ion: 79 Resp: 394443

Ion Ratio Lower Upper

79 100

108 73.6 69.0 103.4

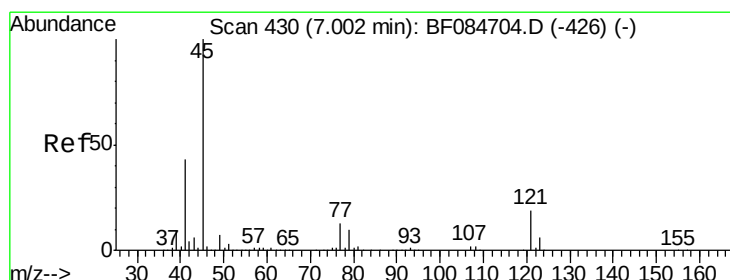
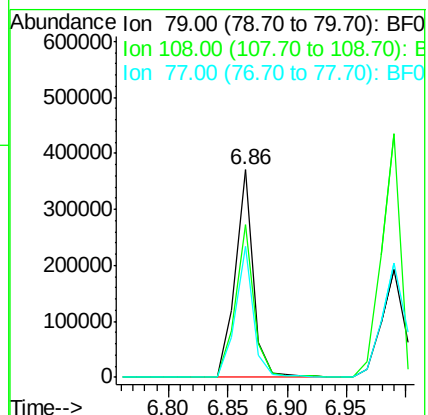
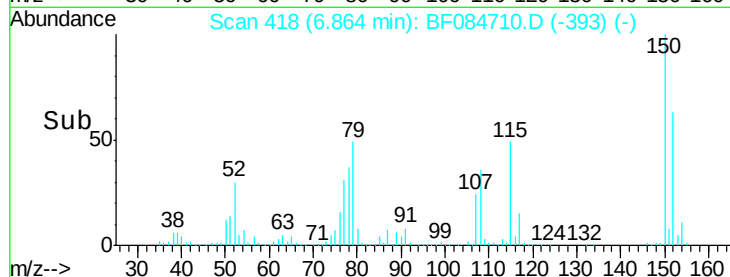
77 62.9 50.0 75.0



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: 36.57 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

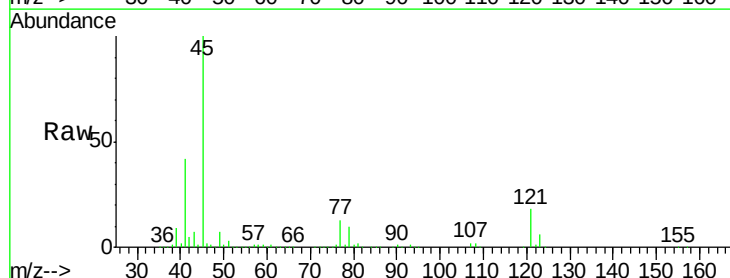
Tgt Ion: 45 Resp: 735561

Ion Ratio Lower Upper

45 100

77 13.1 0.0 39.6

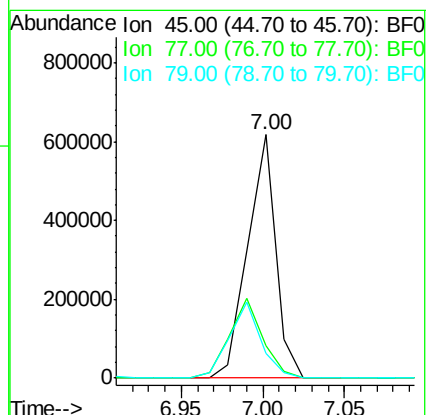
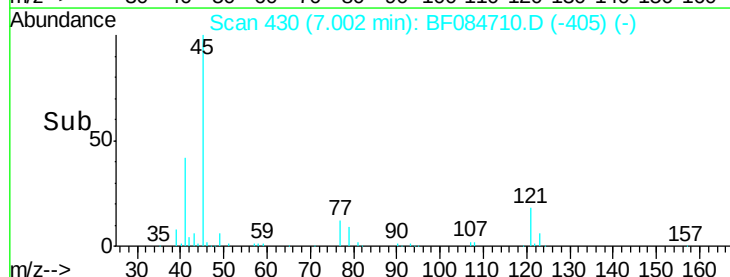
79 10.0 0.0 35.0

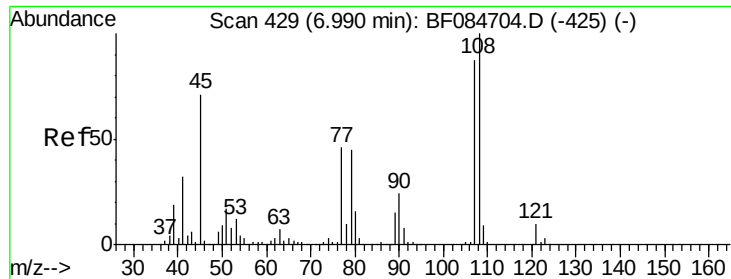


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

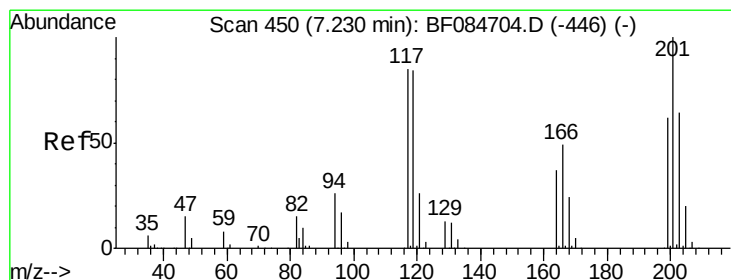
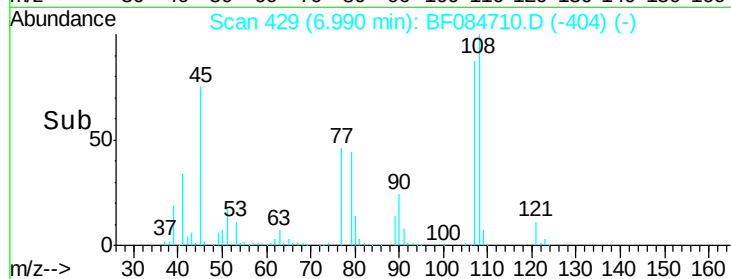
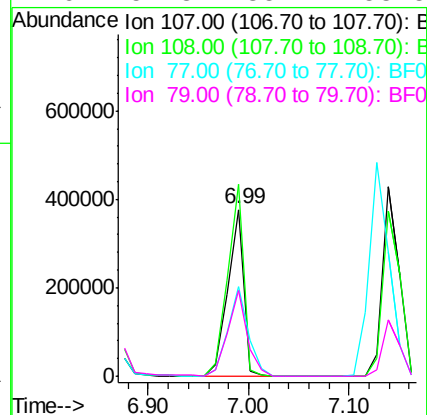
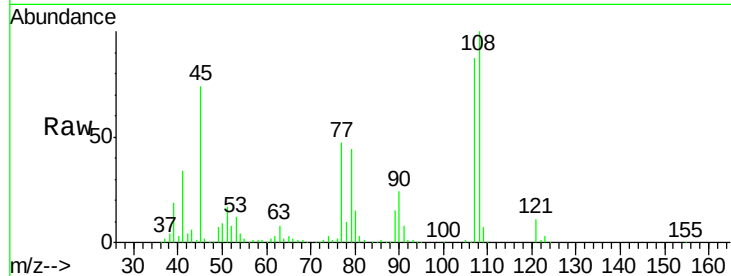




#17
2-Methylphenol
Concen: 42.29 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

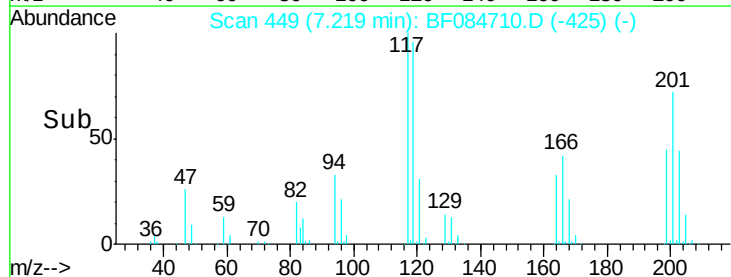
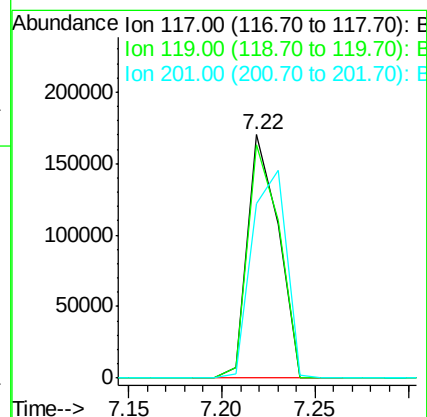
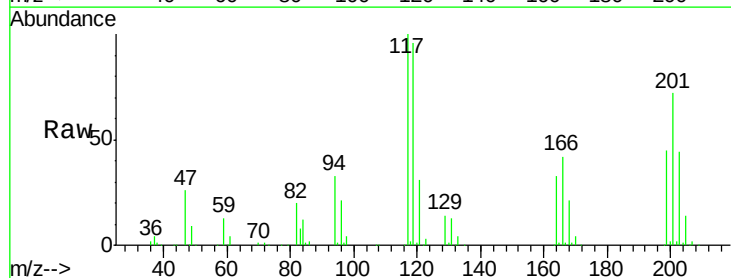
Instrument :
BNA_F
ClientSampleId :
PB88000BS

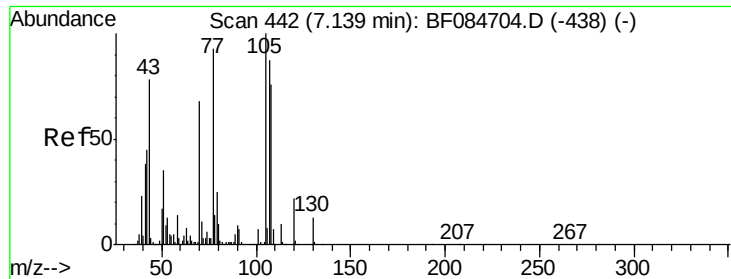
Tgt Ion:107 Resp: 417935
Ion Ratio Lower Upper
107 100
108 115.3 89.8 134.6
77 54.0 35.7 53.5#
79 51.3 35.7 53.5



#18
Hexachloroethane
Concen: 38.60 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

Tgt Ion:117 Resp: 196207
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
201 71.5 68.6 103.0

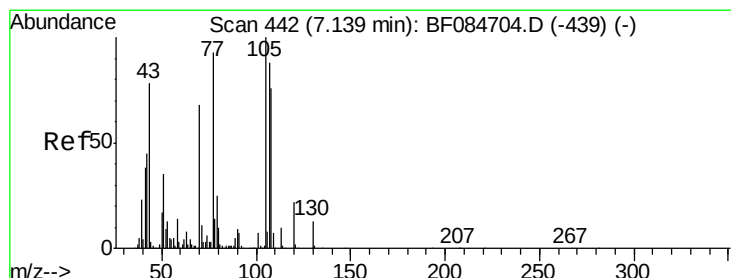
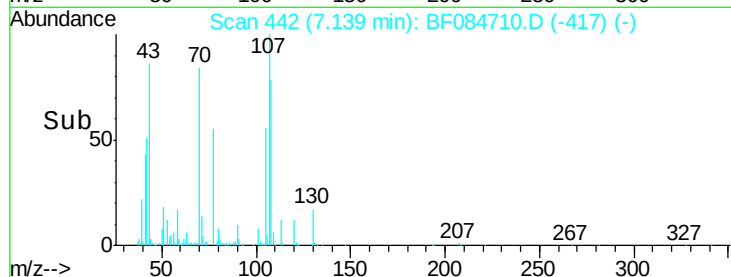
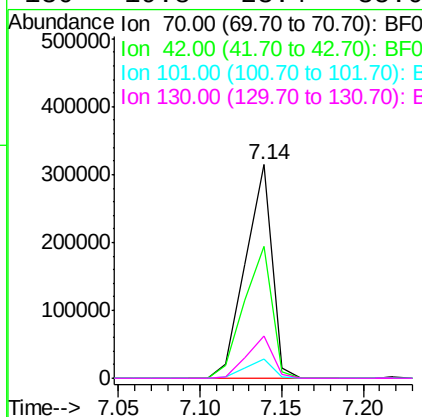
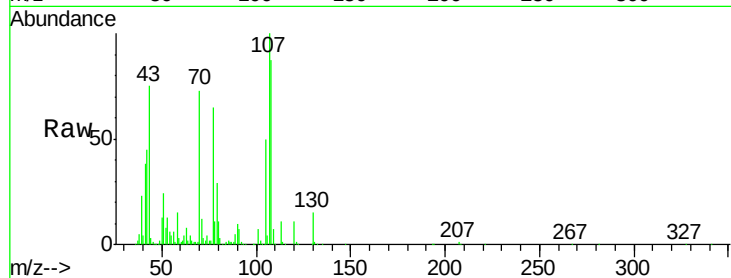




#19
n-Nitroso-di-n-propylamine
Concen: 41.55 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

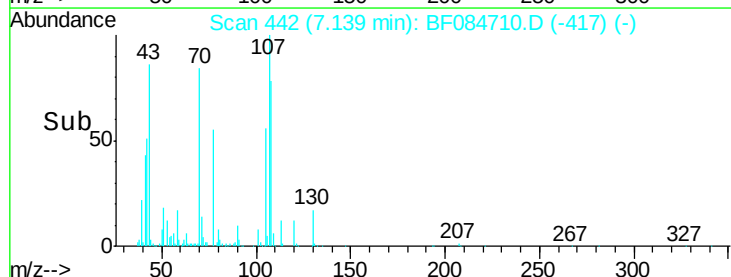
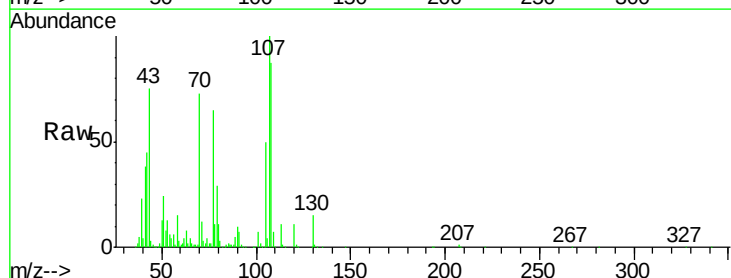
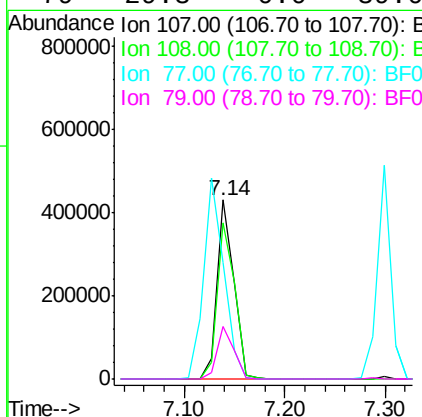
Instrument :
BNA_F
ClientSampleId :
PB88000BS

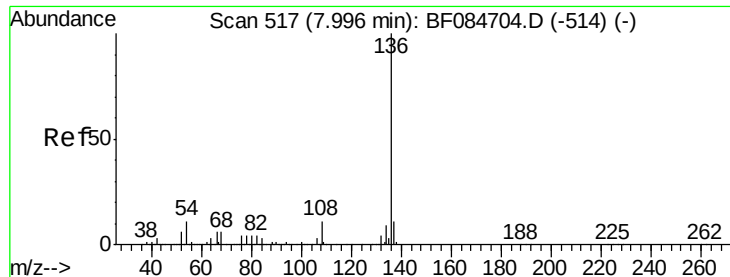
Tgt Ion: 70 Resp: 356477
Ion Ratio Lower Upper
70 100
42 61.6 33.3 49.9#
101 9.2 9.3 13.9#
130 19.8 23.4 35.0#



#20
3+4-Methylphenols
Concen: 40.50 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

Tgt Ion: 107 Resp: 496879
Ion Ratio Lower Upper
107 100
108 87.3 74.6 114.6
77 65.3 0.7 40.7#
79 29.3 0.0 39.0

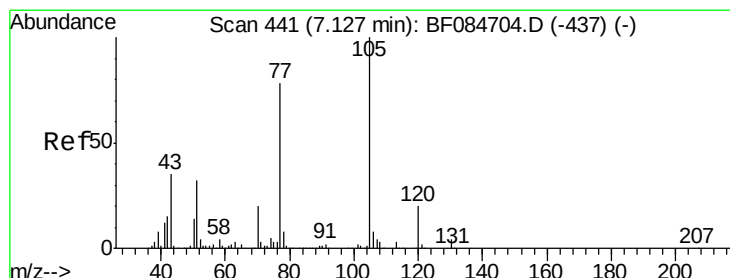
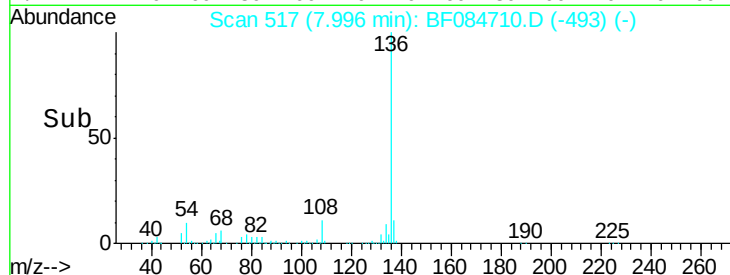
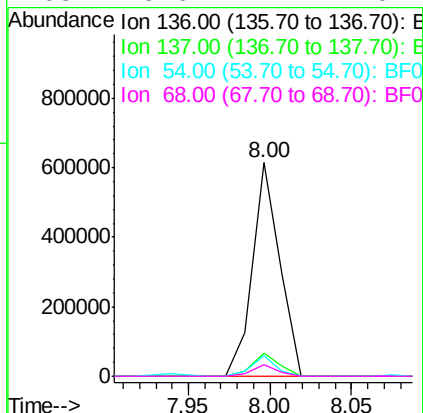
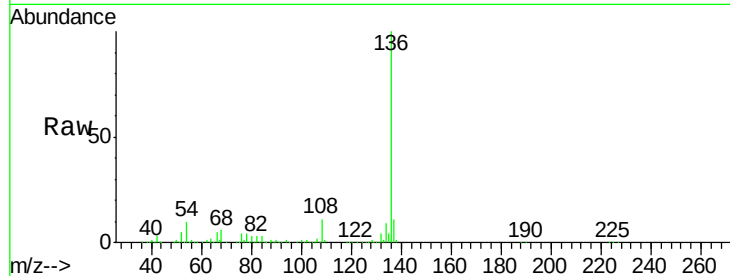




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

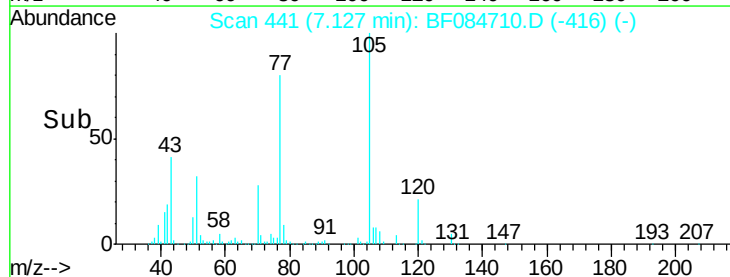
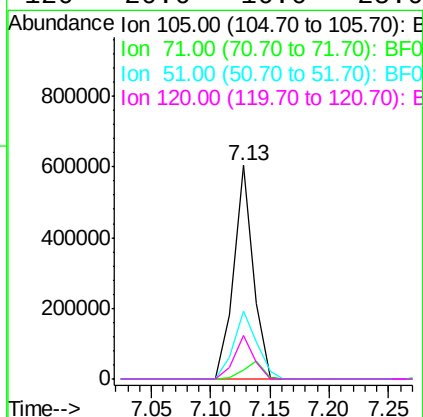
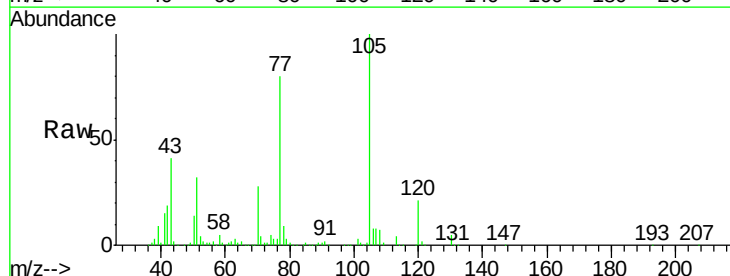
Instrument :
BNA_F
ClientSampleId :
PB88000BS

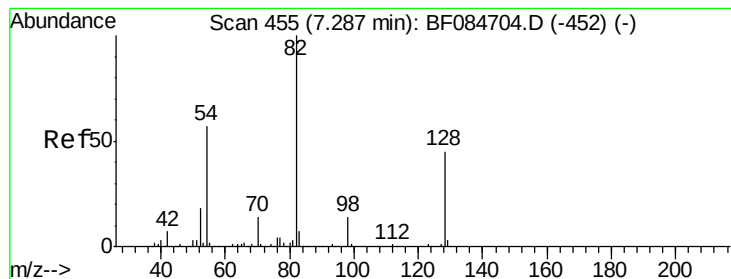
Tgt Ion:	136	Resp:	710627
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	9.8	5.8	8.8#
68	5.6	4.2	6.2



#22
Acetophenone
Concen: 36.80 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

Tgt Ion:	105	Resp:	689195
Ion Ratio	Lower	Upper	
105	100		
71	4.4	3.7	5.5
51	32.0	25.1	37.7
120	20.6	16.6	25.0





#23

Nitrobenzene-d5

Concen: 85.67 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

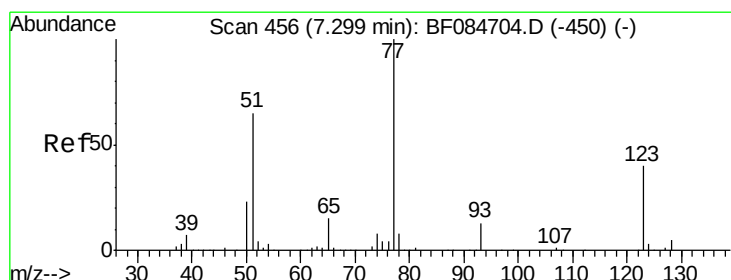
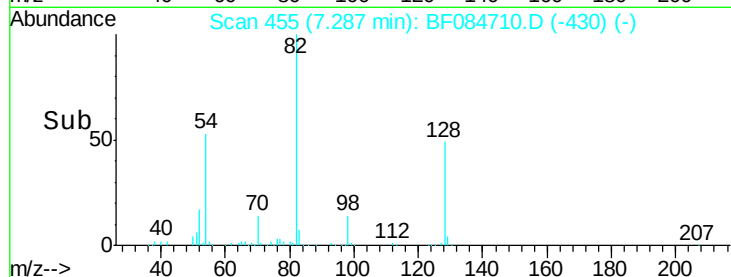
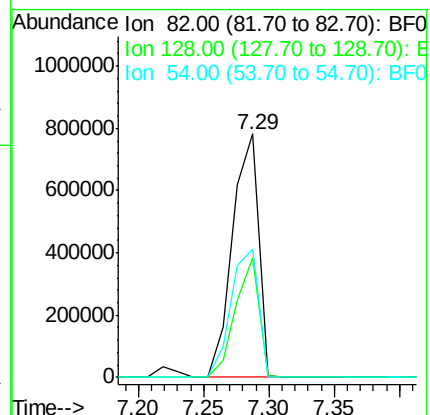
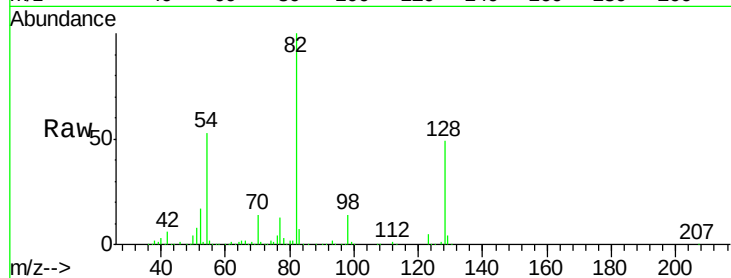
Tgt Ion: 82 Resp: 1080773

Ion Ratio Lower Upper

82 100

128 48.9 34.6 51.8

54 53.0 38.4 57.6



#24

Nitrobenzene

Concen: 35.67 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

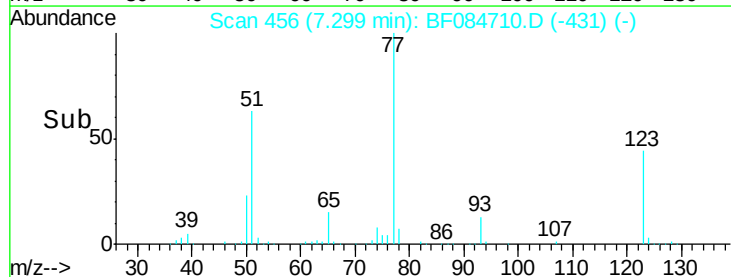
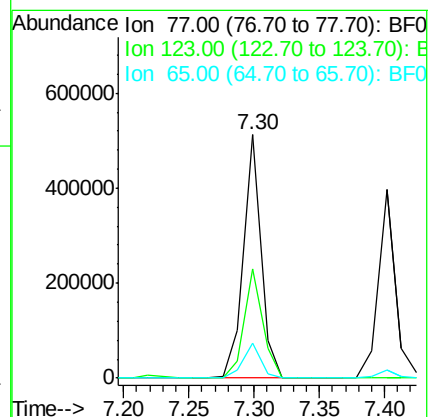
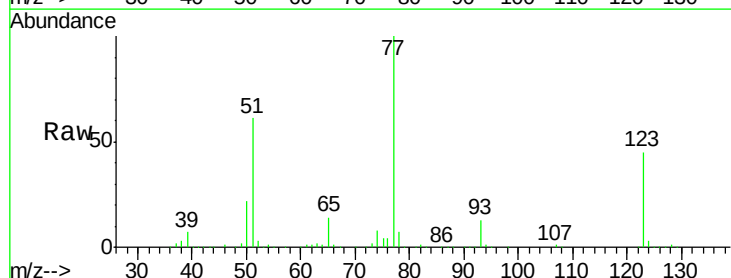
Tgt Ion: 77 Resp: 481895

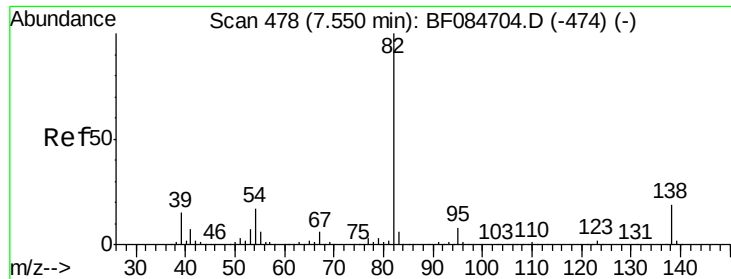
Ion Ratio Lower Upper

77 100

123 44.6 37.4 56.2

65 14.5 10.9 16.3





#25

Isophorone

Concen: 38.50 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

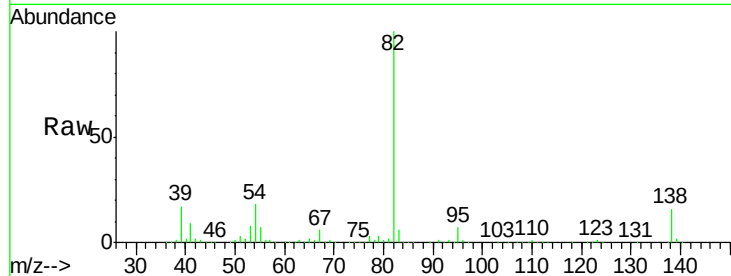
Tgt Ion: 82 Resp: 944363

Ion Ratio Lower Upper

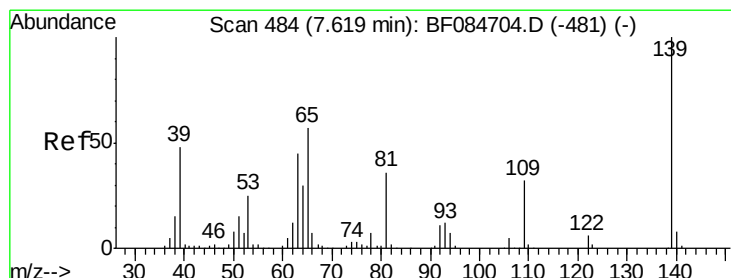
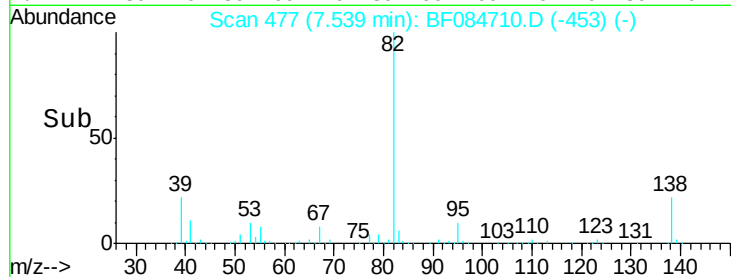
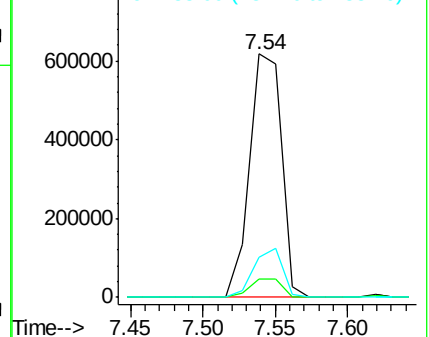
82 100

95 7.4 6.6 10.0

138 16.3 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: 41.12 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

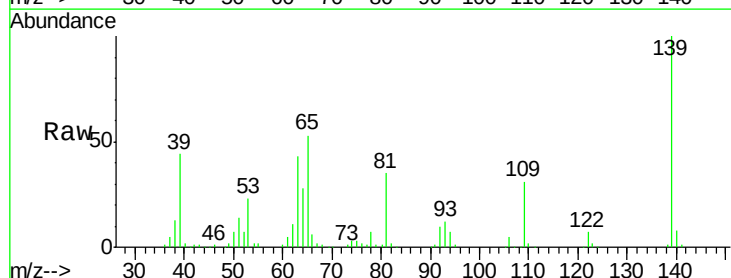
Tgt Ion: 139 Resp: 273941

Ion Ratio Lower Upper

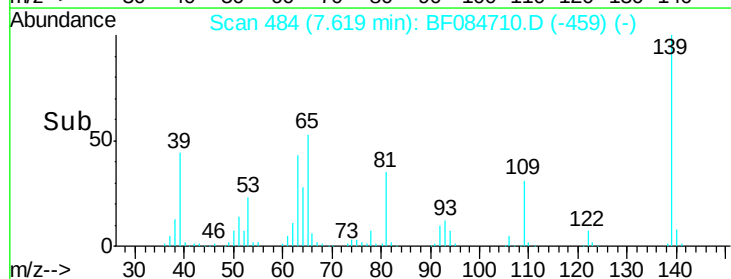
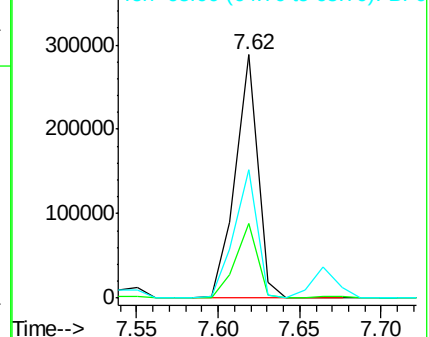
139 100

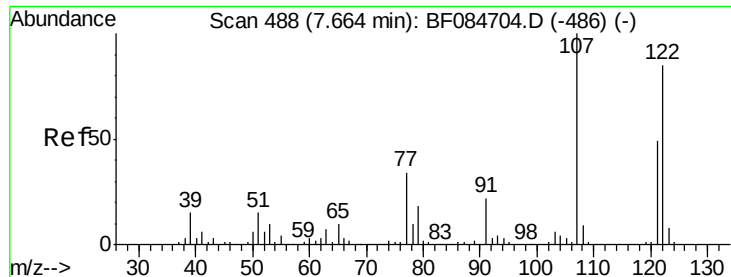
109 30.7 25.4 38.2

65 52.6 32.3 48.5#



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

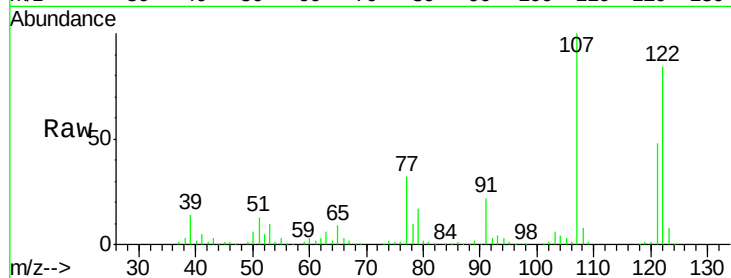




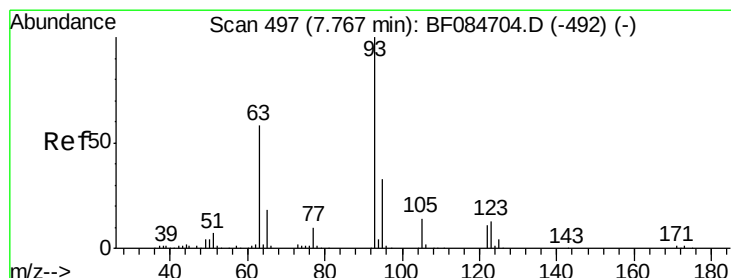
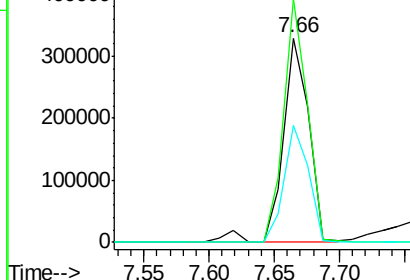
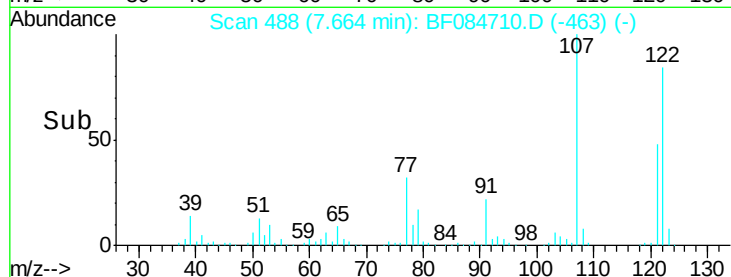
#27
 2,4-Dimethylphenol
 Concen: 39.50 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

Tgt Ion: 122 Resp: 457772
 Ion Ratio Lower Upper
 122 100
 107 119.3 99.1 148.7
 121 57.0 47.9 71.9

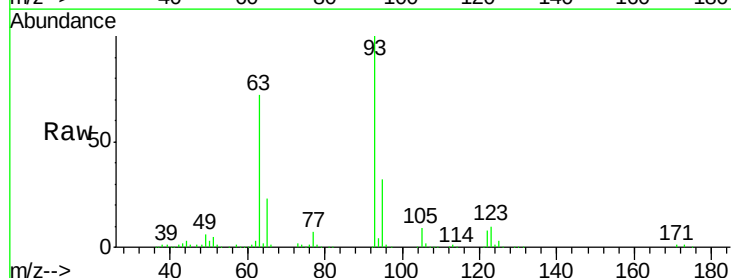


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

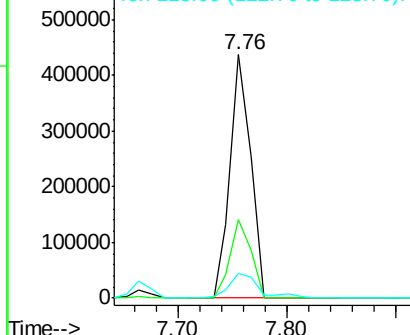
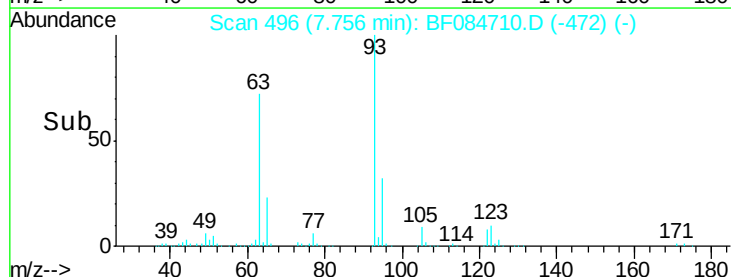


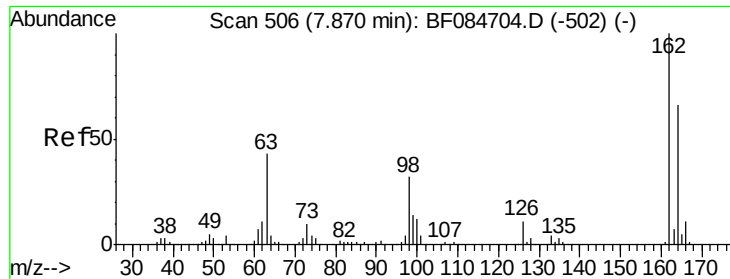
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.92 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion: 93 Resp: 566365
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.6
 123 10.1 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

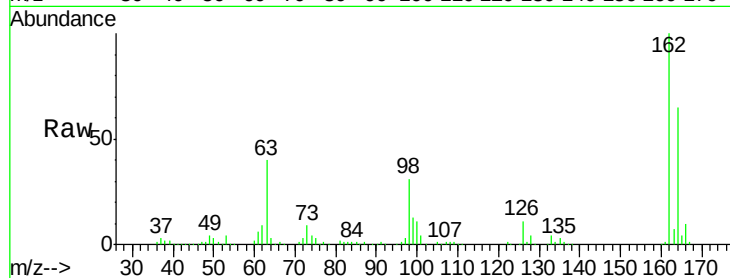




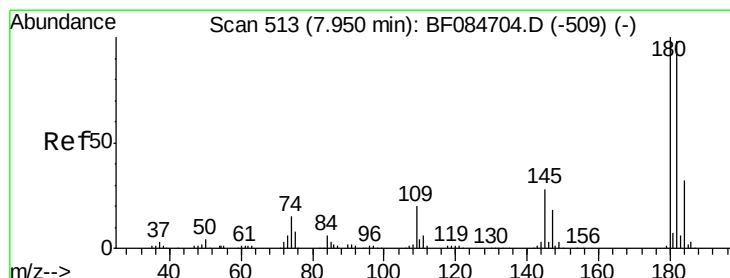
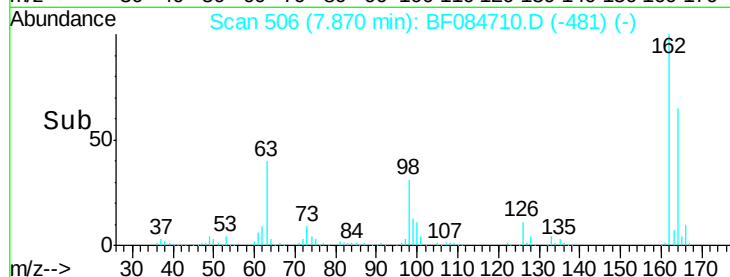
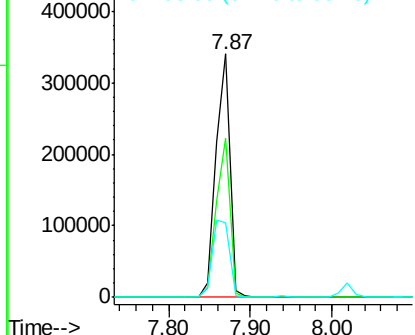
#29
 2,4-Dichlorophenol
 Concen: 41.06 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.1	84.1
98	30.6	20.2	60.2

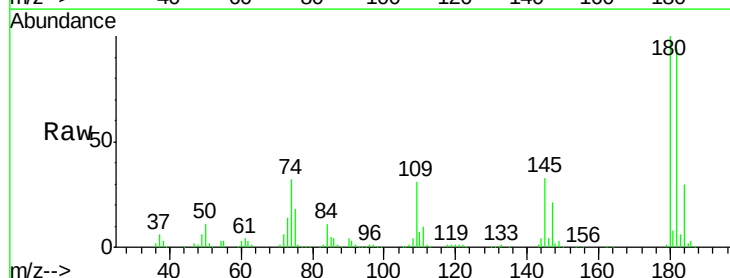


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

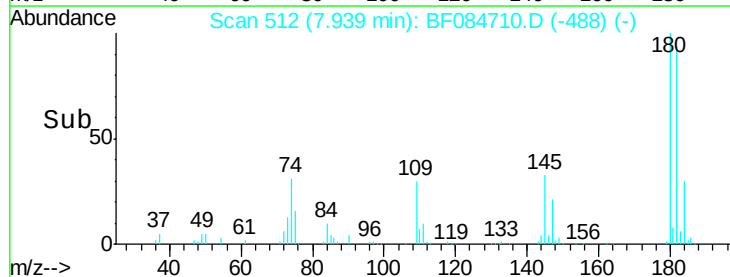
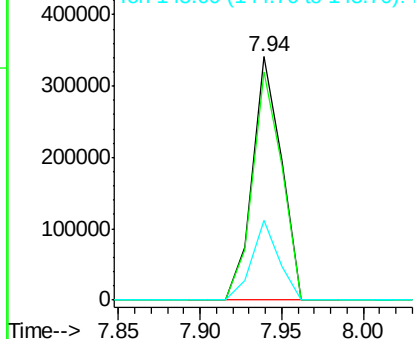


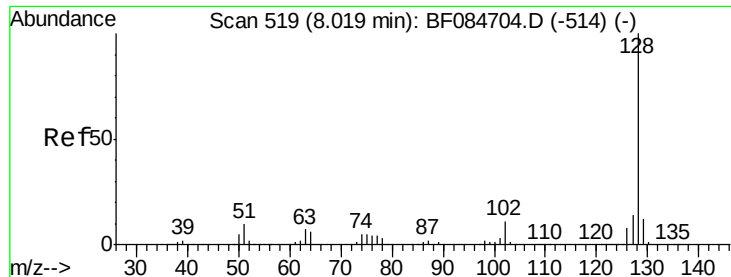
#30
 1,2,4-Trichlorobenzene
 Concen: 37.55 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.4	114.6
145	33.0	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: 36.91 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

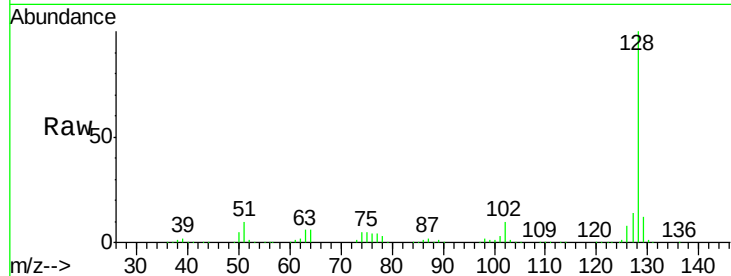
Tgt Ion:128 Resp: 1315762

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

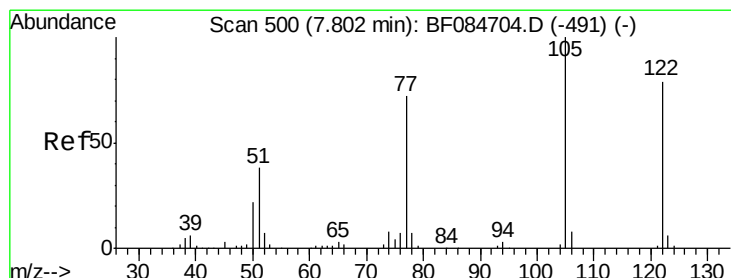
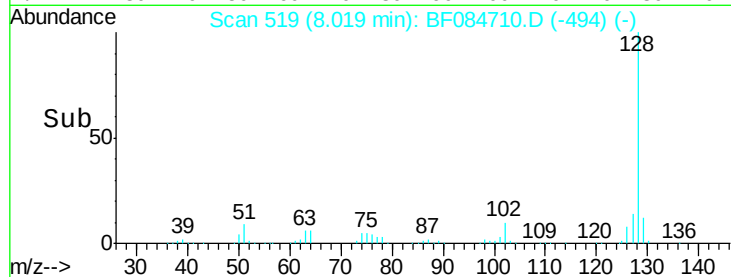
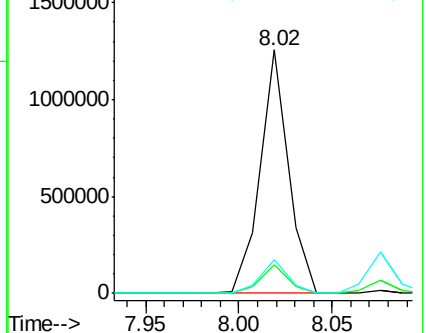
127 13.9 11.1 16.7



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: 36.65 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

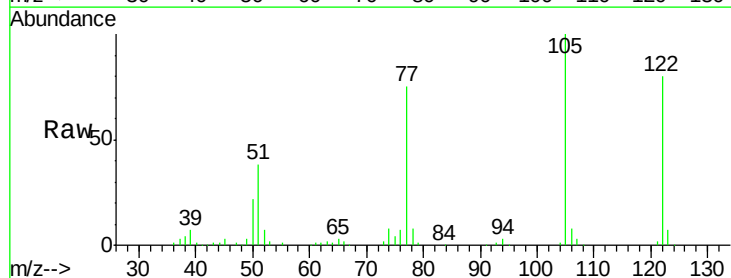
Tgt Ion:122 Resp: 271686

Ion Ratio Lower Upper

122 100

105 125.6 100.3 140.3

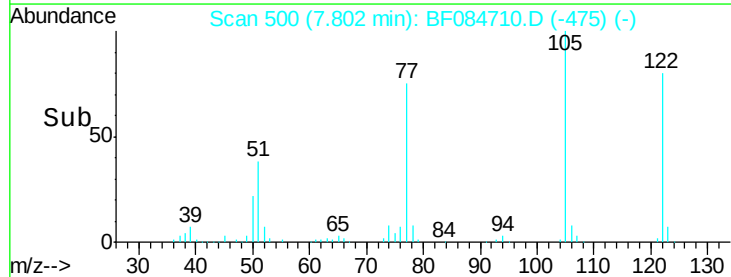
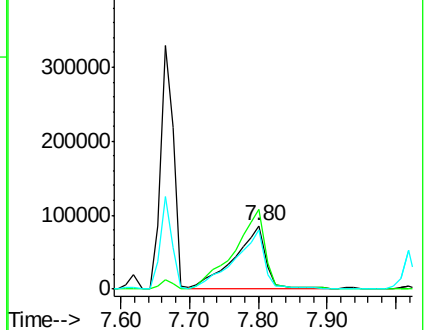
77 94.6 63.5 103.5

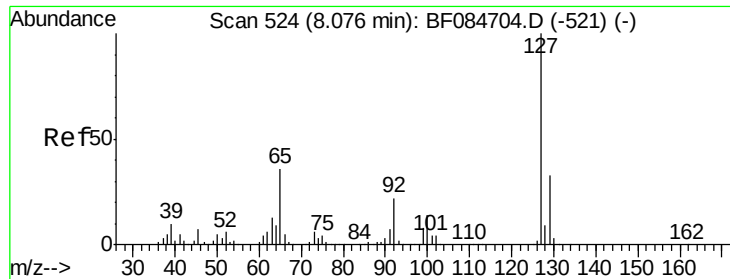


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

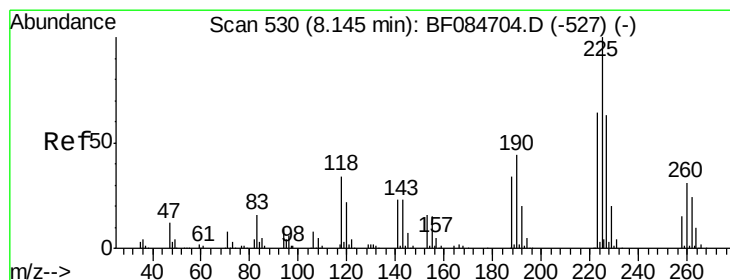
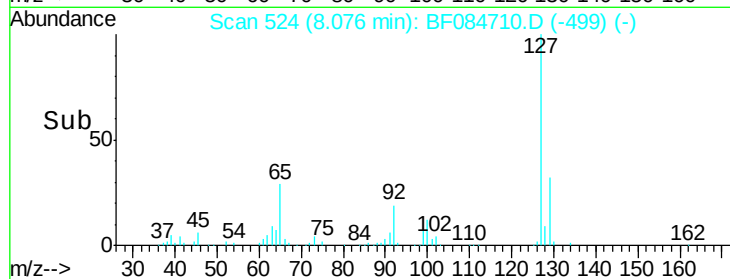
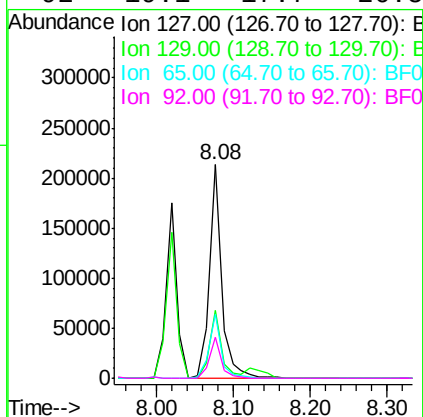
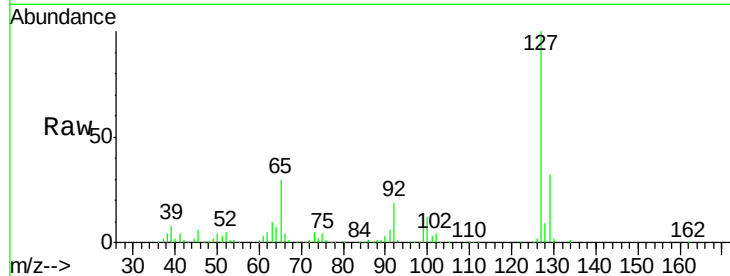




#33
4-Chloroaniline
Concen: 16.06 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

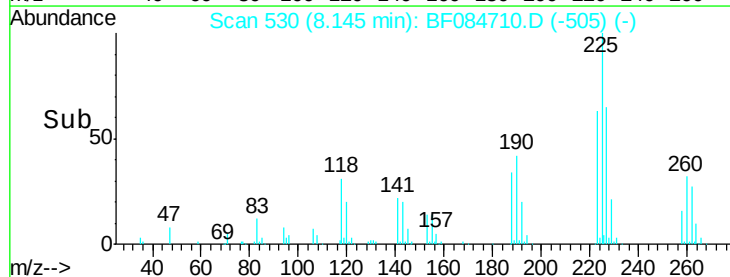
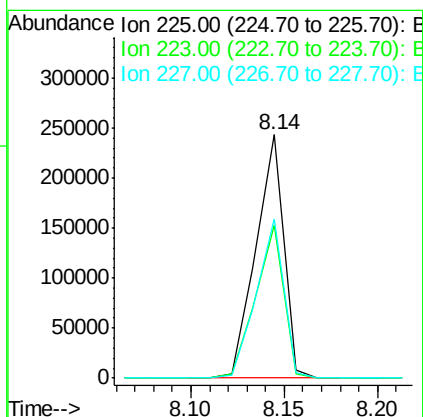
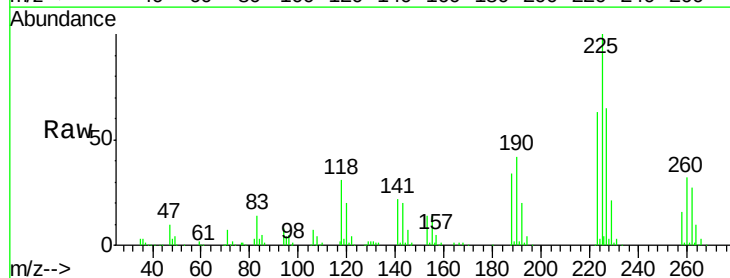
Instrument :
BNA_F
ClientSampleId :
PB88000BS

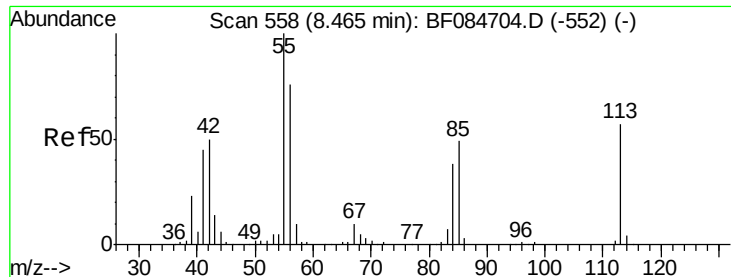
Tgt Ion:	127	Resp:	236780
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	30.0	27.2	40.8
92	19.1	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.82 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

Tgt Ion:	225	Resp:	250675
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.0
227	65.1	50.8	76.2

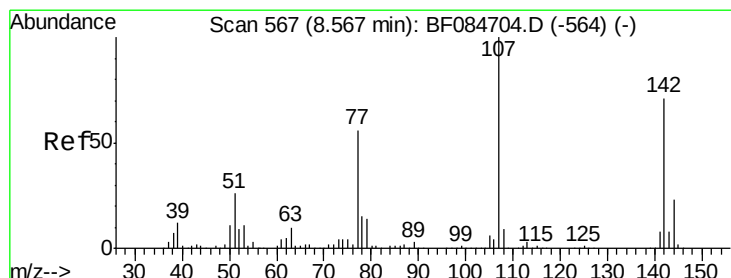
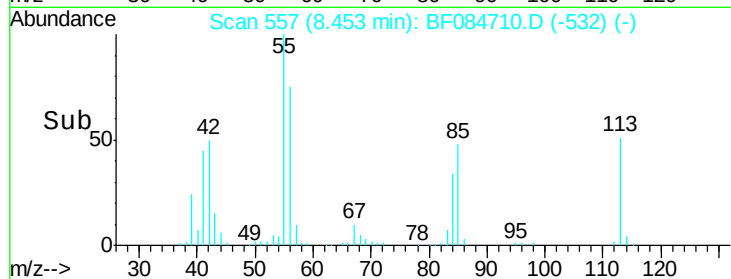
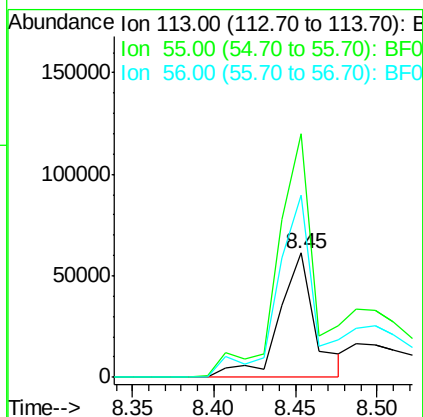
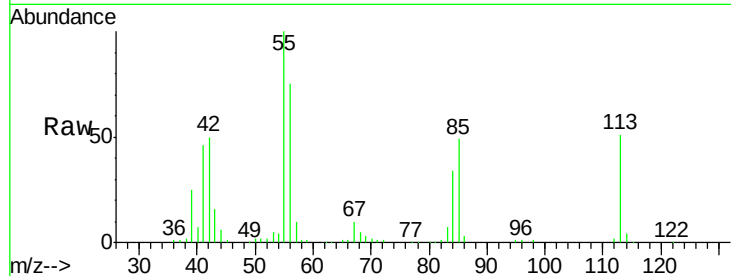




#35
 Caprolactam
 Concen: 30.29 ng
 RT: 8.45 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

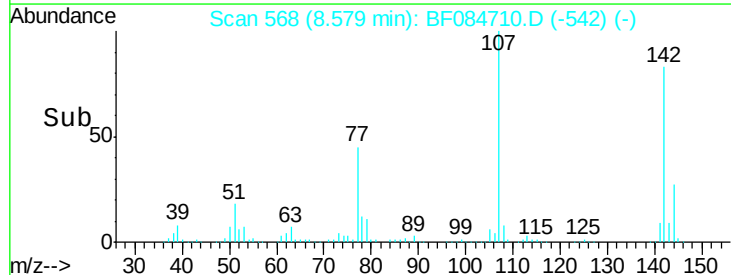
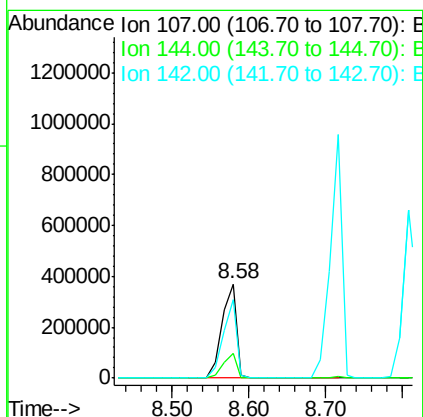
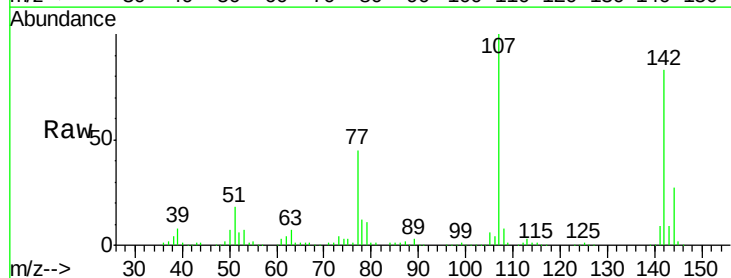
Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

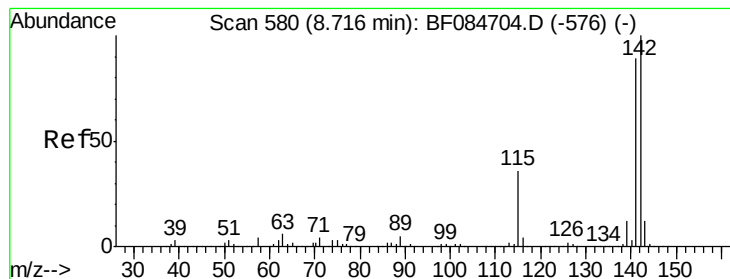
Tgt Ion:113 Resp: 92558
 Ion Ratio Lower Upper
 113 100
 55 196.0 116.9 156.9#
 56 146.4 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.00 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion:107 Resp: 497742
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.7 29.5
 142 83.0 61.8 92.6





#37

2-Methylnaphthalene

Concen: 44.90 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

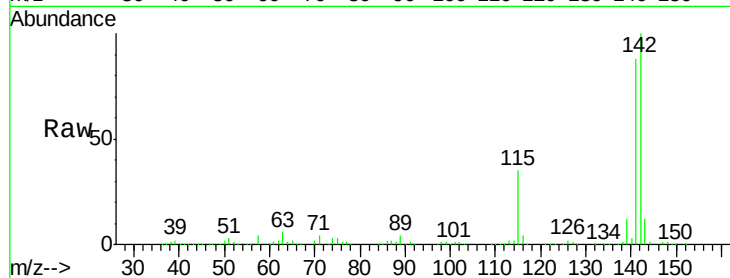
Tgt Ion:142 Resp: 1001689

Ion Ratio Lower Upper

142 100

141 88.2 72.4 108.6

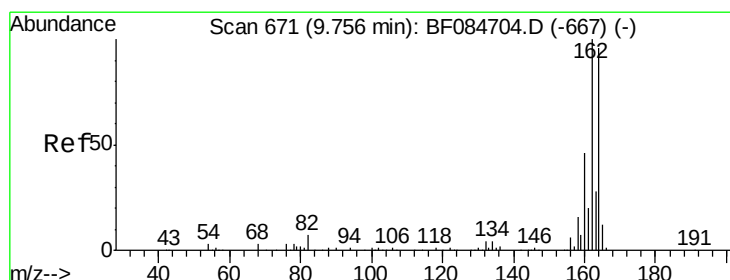
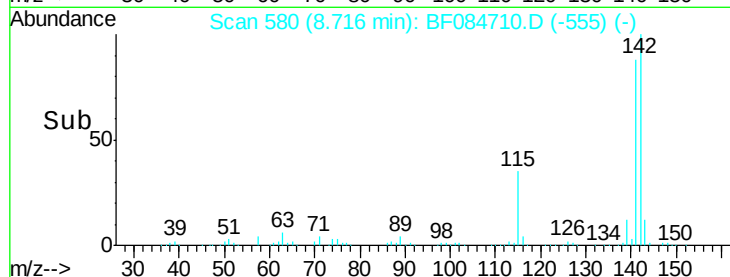
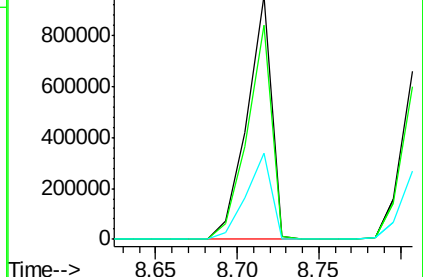
115 35.2 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

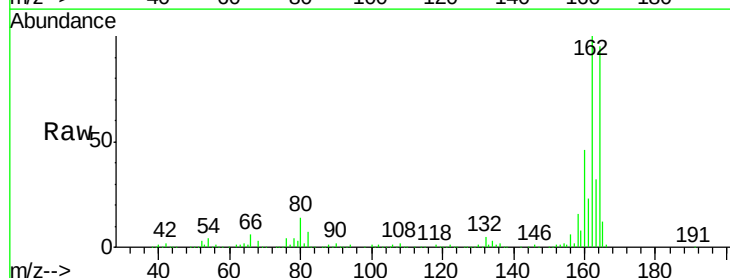
Tgt Ion:164 Resp: 340191

Ion Ratio Lower Upper

164 100

162 105.6 85.1 127.7

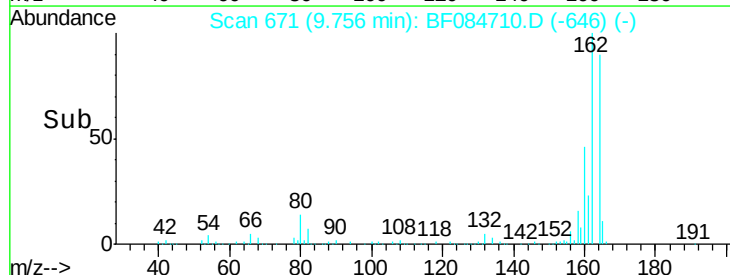
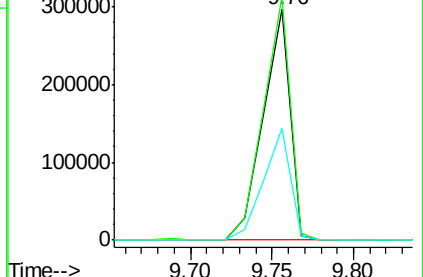
160 48.4 37.5 56.3

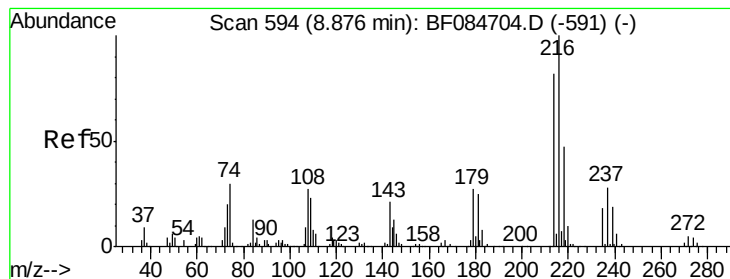


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.40 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

Tgt Ion:216 Resp: 371620

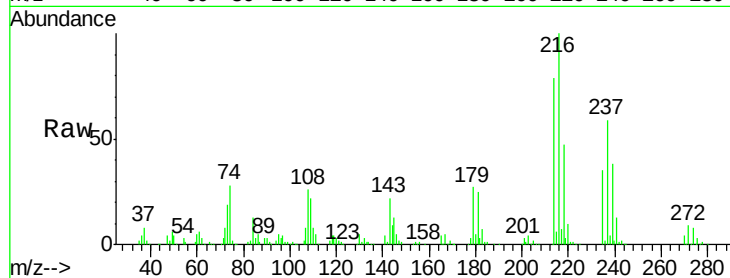
Ion Ratio Lower Upper

216 100

214 78.5 64.2 96.2

179 23.4 18.7 28.1

108 22.9 16.8 25.2

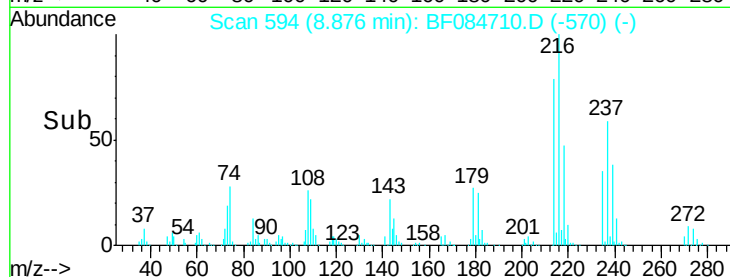


Abundance Ion 216.00 (215.70 to 216.70): E

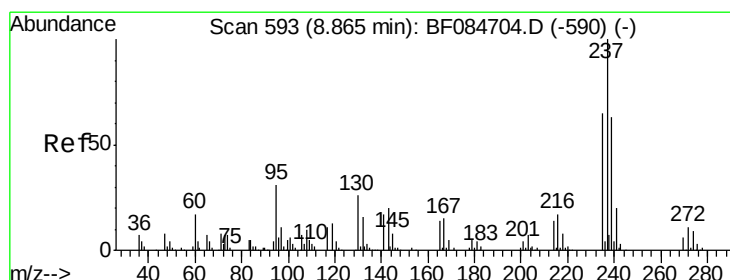
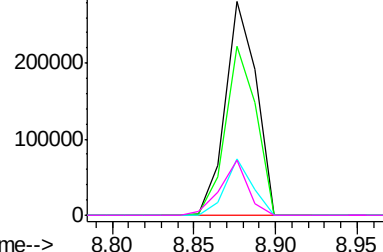
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 80.65 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

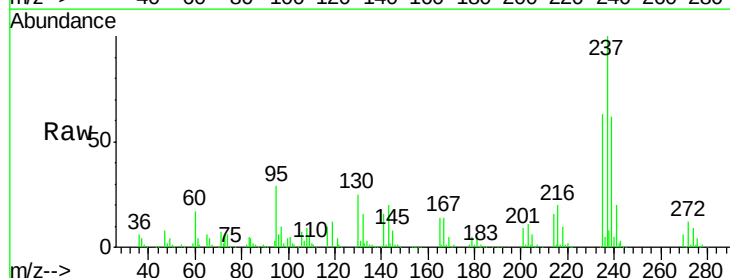
Tgt Ion:237 Resp: 385963

Ion Ratio Lower Upper

237 100

235 63.1 43.1 83.1

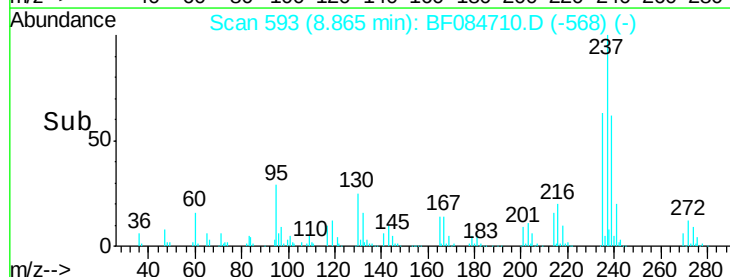
272 11.8 0.0 35.1



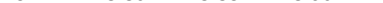
Abundance Ion 236.80 (236.50 to 237.50): E

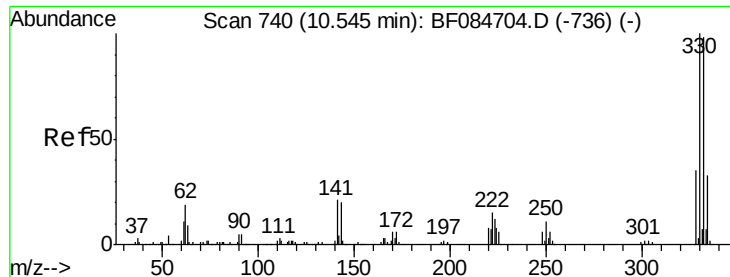
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

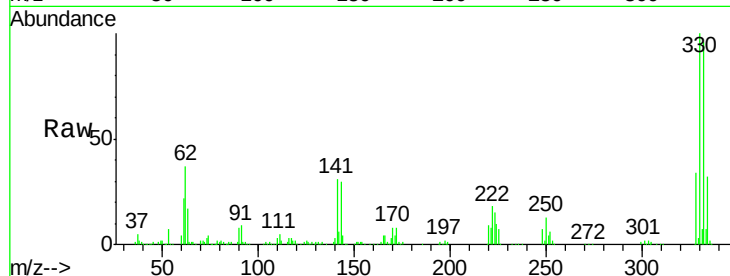




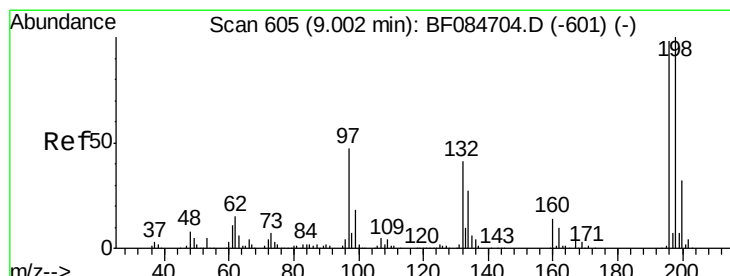
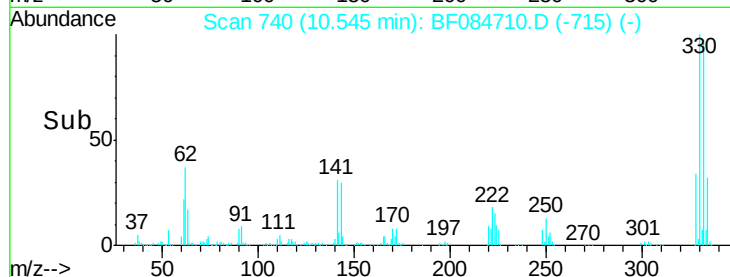
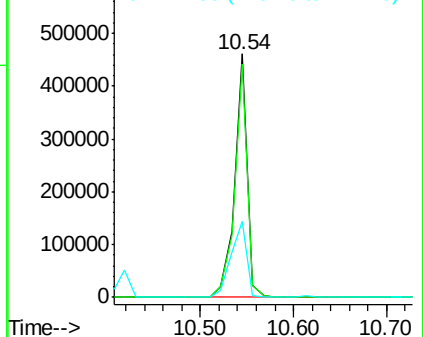
#41
 2,4,6-Tribromophenol
 Concen: 123.68 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

Tgt Ion:330 Resp: 438886
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 38.7 27.8 41.6

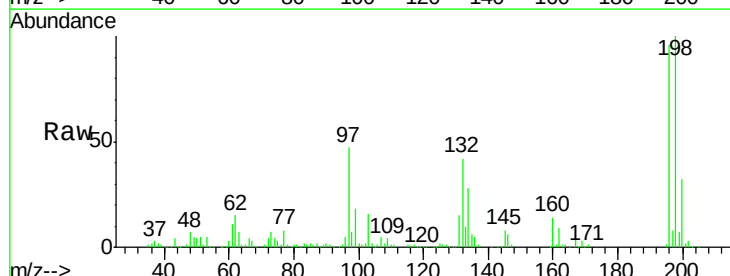


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

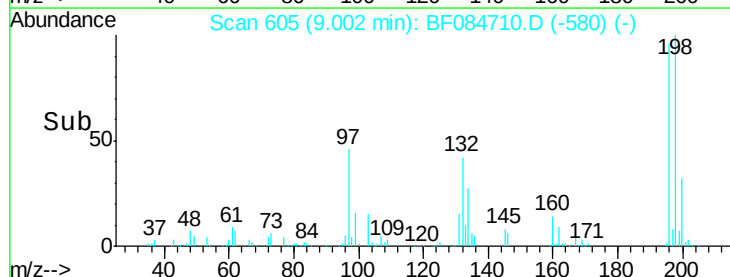
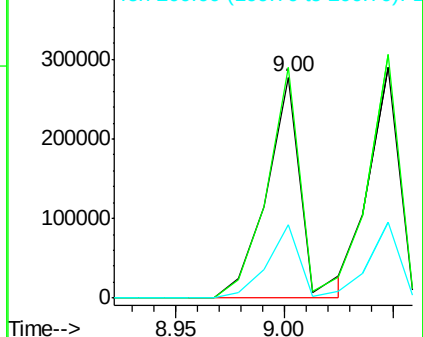


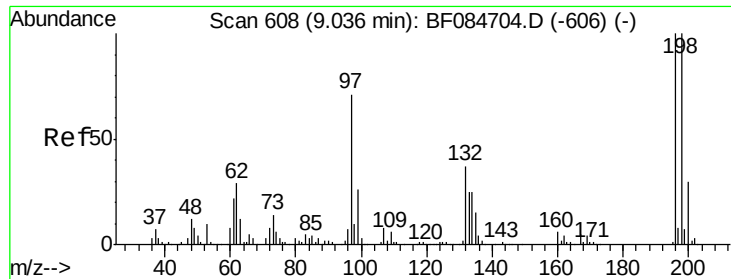
#42
 2,4,6-Trichlorophenol
 Concen: 44.42 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion:196 Resp: 309199
 Ion Ratio Lower Upper
 196 100
 198 104.7 77.7 116.5
 200 33.5 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

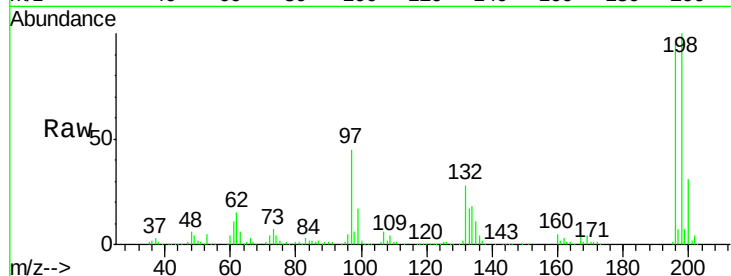




#43
 2,4,5-Trichlorophenol
 Concen: 39.84 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.6	79.0	118.6
97	47.9	33.0	49.6
132	30.0	21.1	31.7



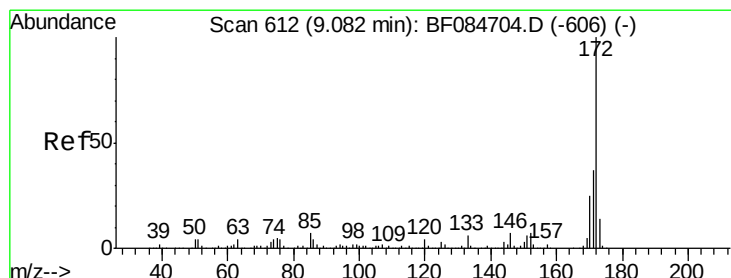
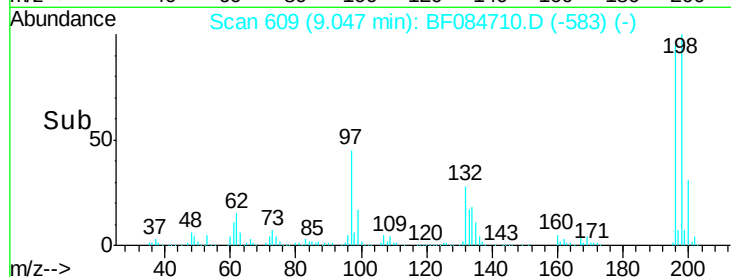
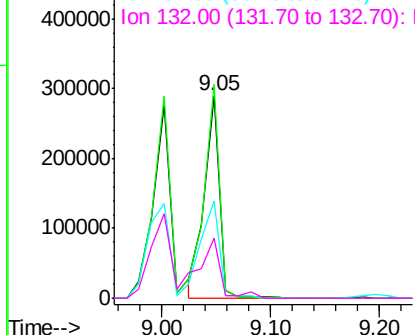
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

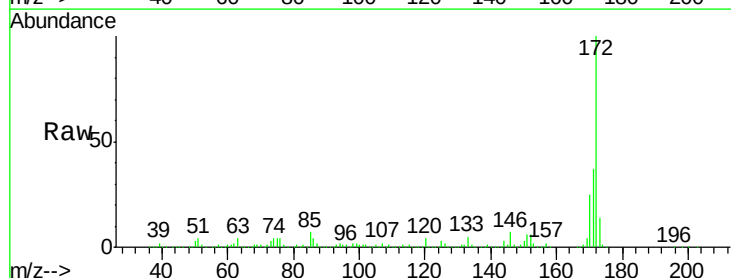
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.31 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.8	18.6	27.8

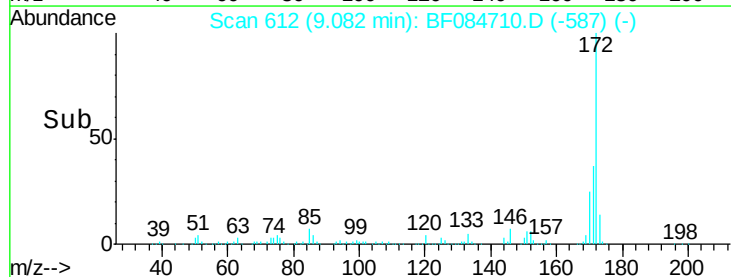
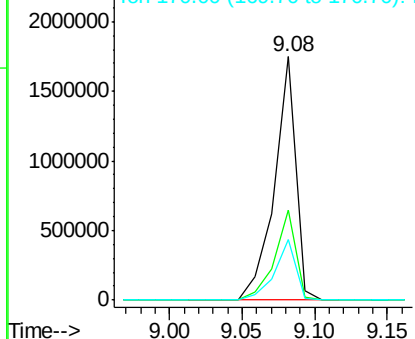


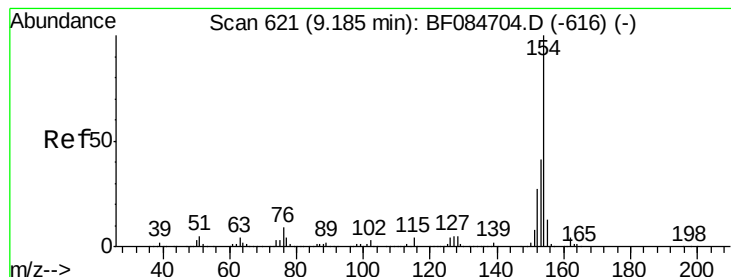
Abundance

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: 37.48 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampled :

PB88000BS

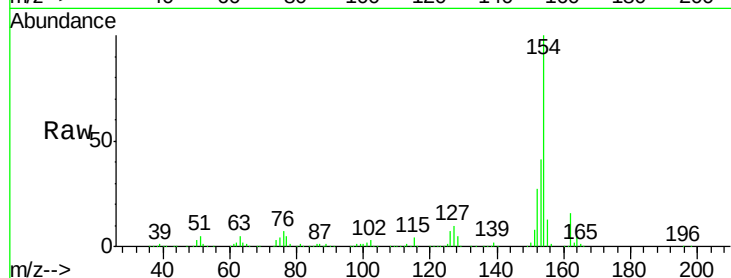
Tgt Ion:154 Resp: 1138970

Ion Ratio Lower Upper

154 100

153 40.6 21.6 61.6

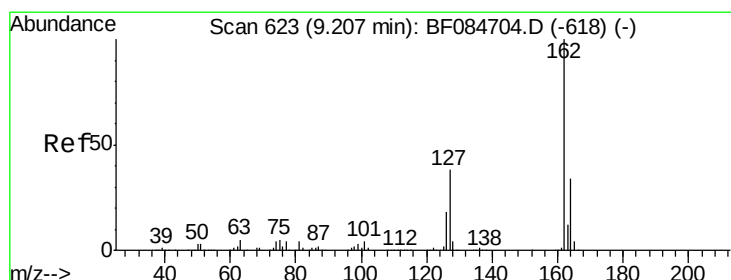
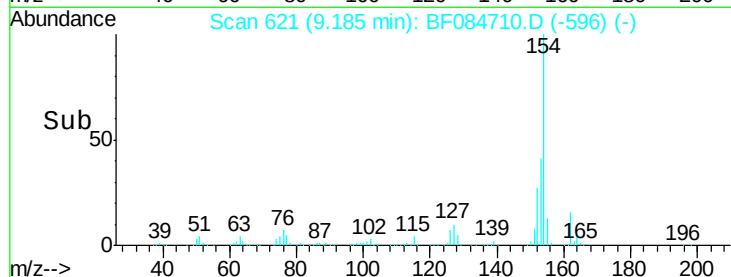
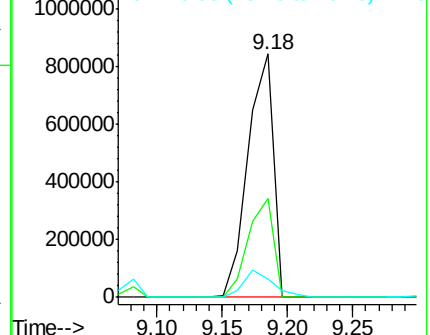
76 7.4 0.0 32.7



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: 37.44 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

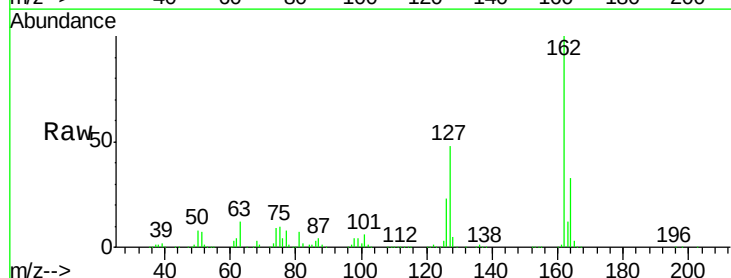
Tgt Ion:162 Resp: 837696

Ion Ratio Lower Upper

162 100

127 48.0 40.2 60.4

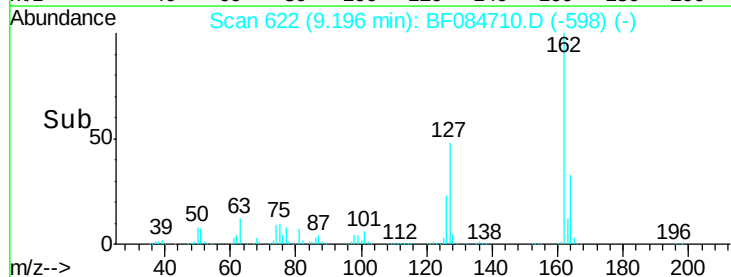
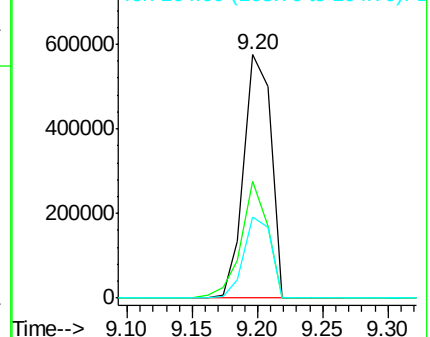
164 33.4 25.7 38.5

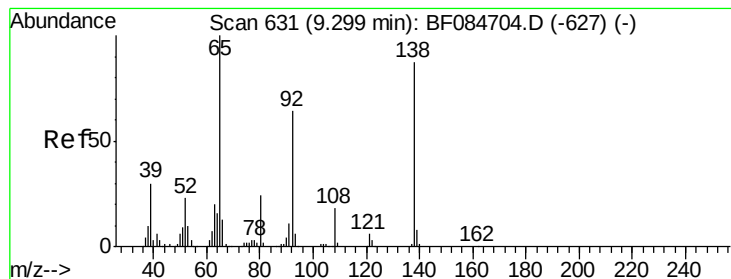


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.31 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

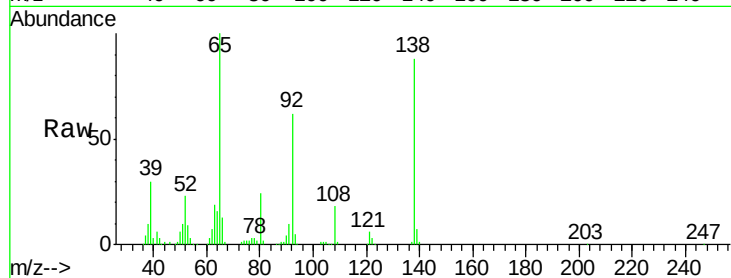
Tgt Ion: 65 Resp: 271469

Ion Ratio Lower Upper

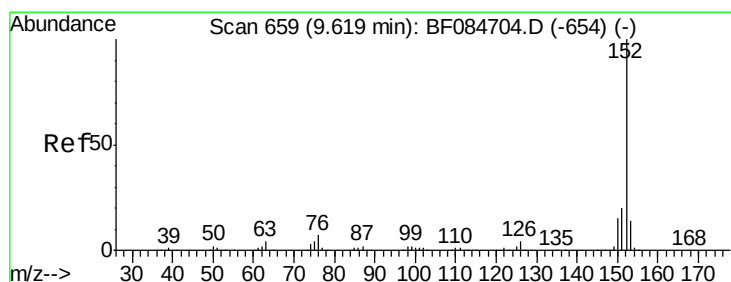
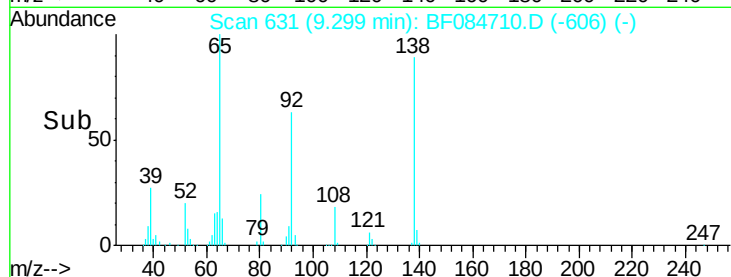
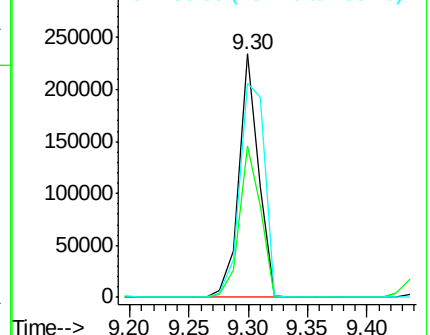
65 100

92 62.4 53.4 80.2

138 88.1 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: 41.62 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

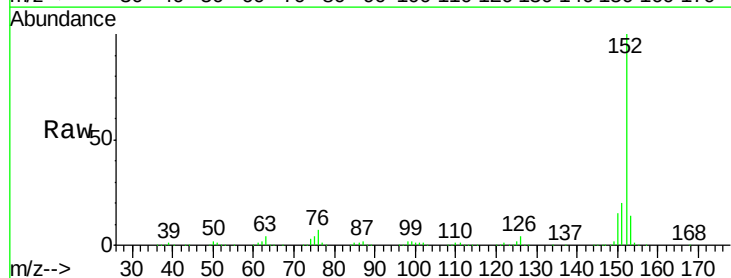
Tgt Ion: 152 Resp: 1413387

Ion Ratio Lower Upper

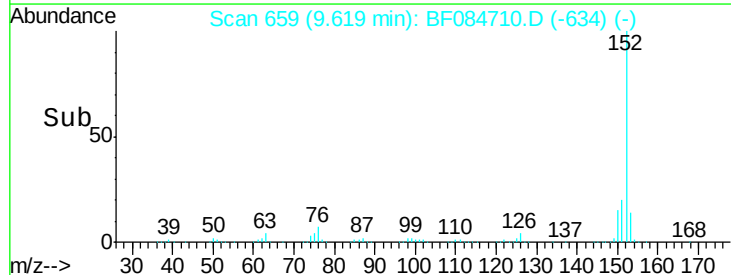
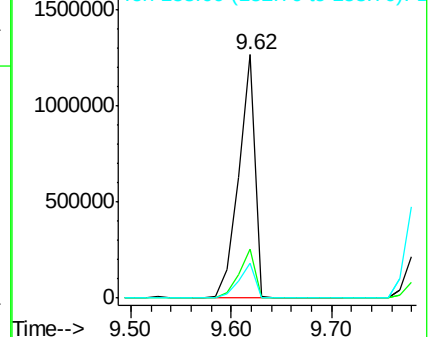
152 100

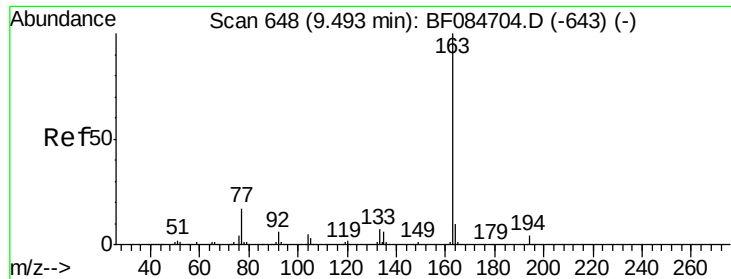
151 20.3 16.3 24.5

153 14.1 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

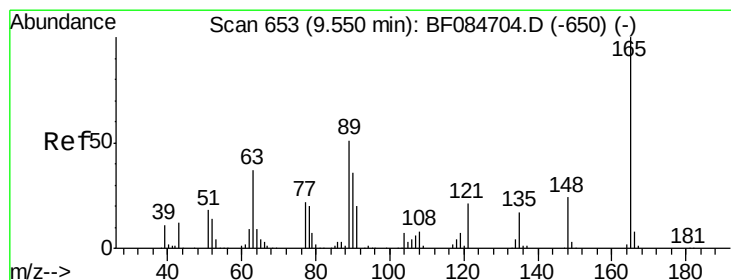
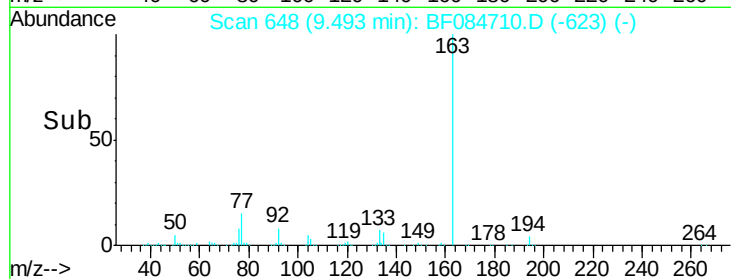
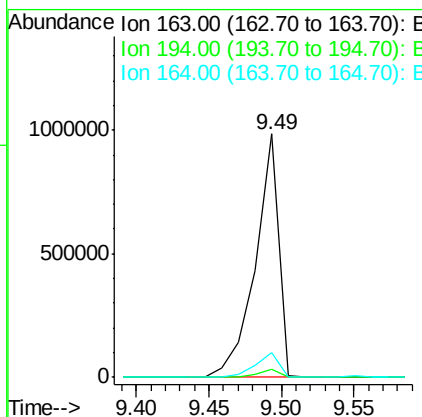
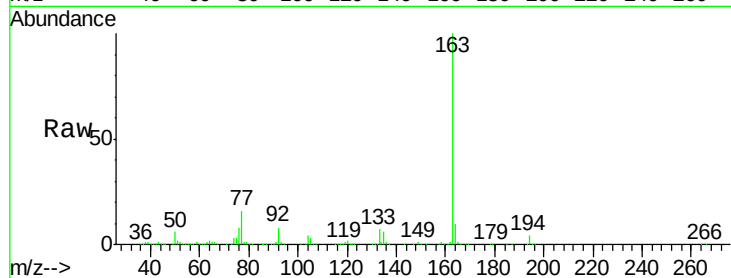




#49
Dimethylphthalate
Concen: 42.39 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

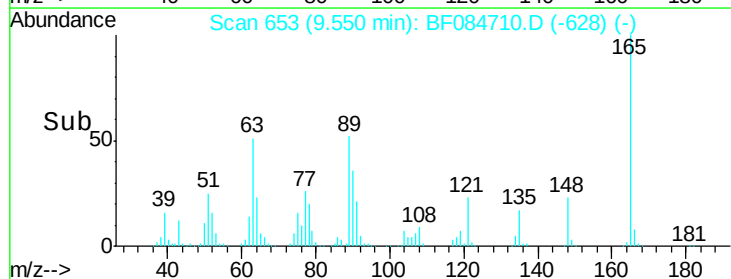
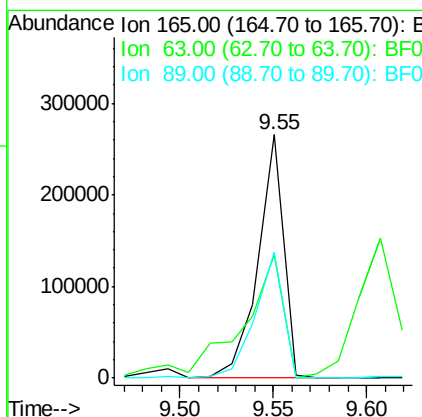
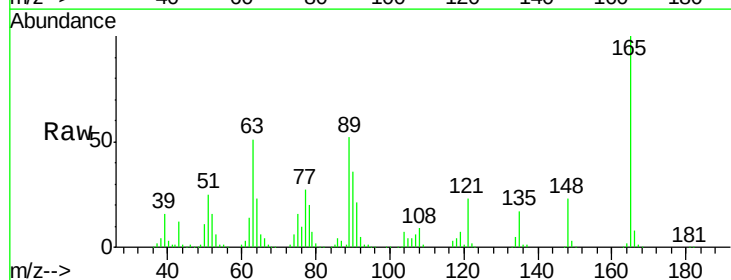
Instrument :
BNA_F
ClientSampleId :
PB88000BS

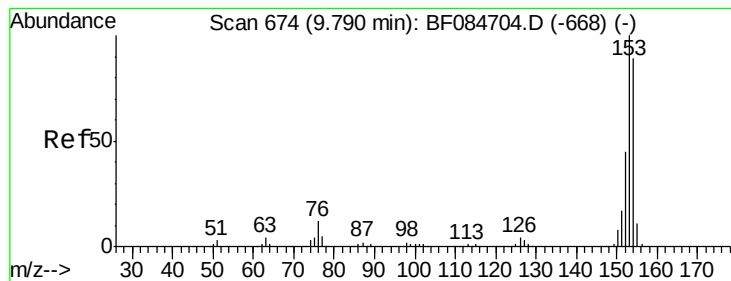
Tgt Ion:163 Resp: 1098399
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.1 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 44.30 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

Tgt Ion:165 Resp: 250735
Ion Ratio Lower Upper
165 100
63 50.9 28.8 43.2#
89 51.6 35.1 52.7





#51

Acenaphthene

Concen: 40.76 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

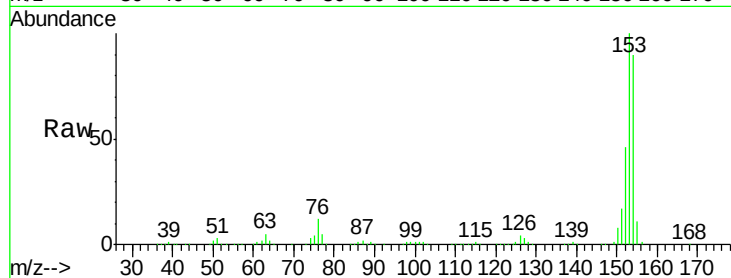
Tgt Ion:154 Resp: 900569

Ion Ratio Lower Upper

154 100

153 111.6 91.5 137.3

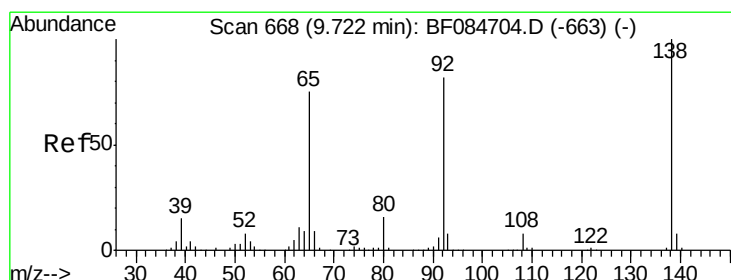
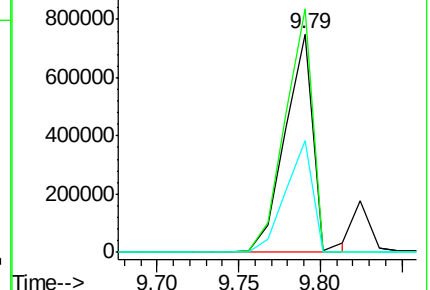
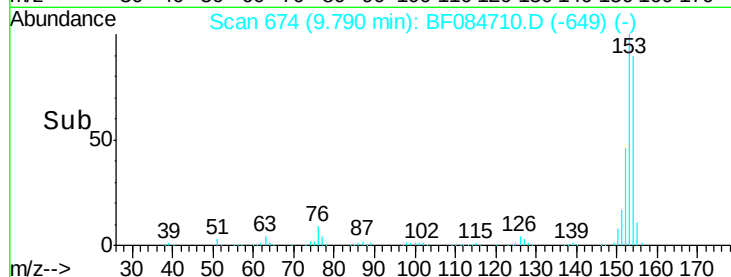
152 51.3 43.0 64.6



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: 20.38 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

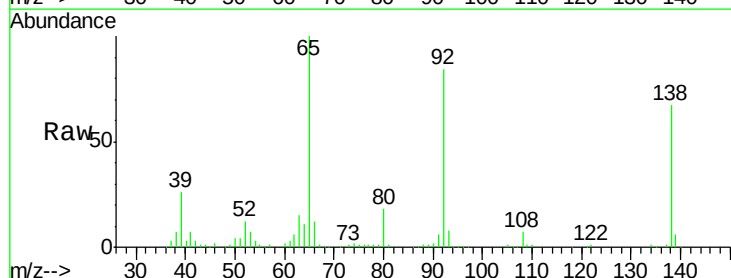
Tgt Ion:138 Resp: 129639

Ion Ratio Lower Upper

138 100

108 10.9 10.5 15.7

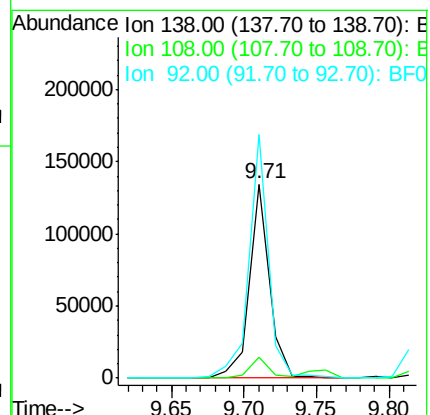
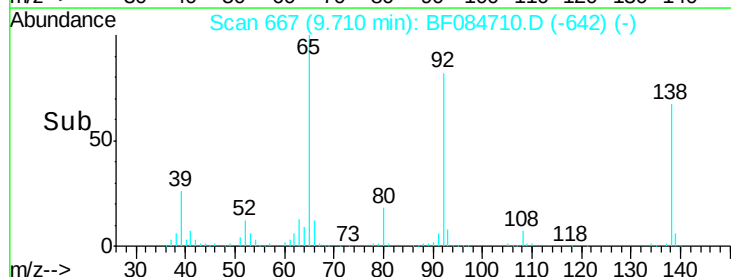
92 125.4 103.9 155.9

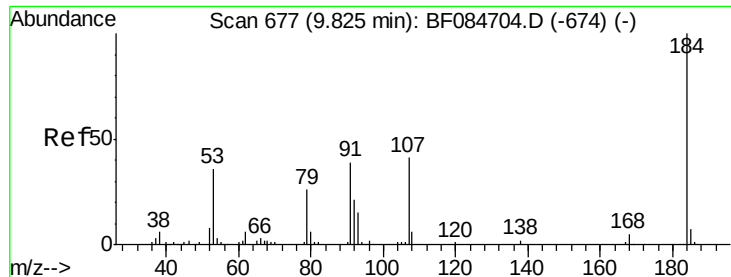


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

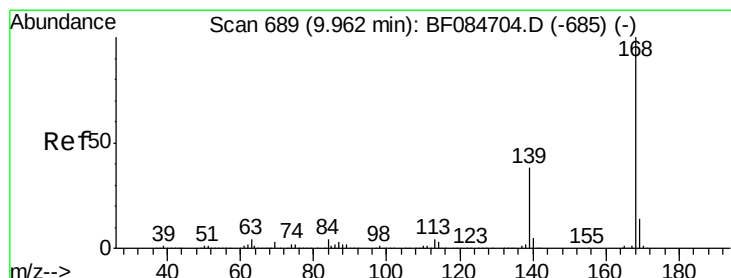
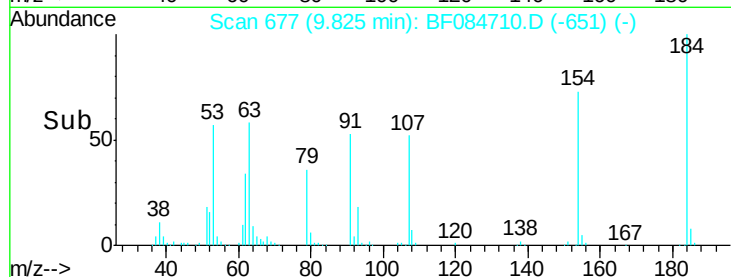
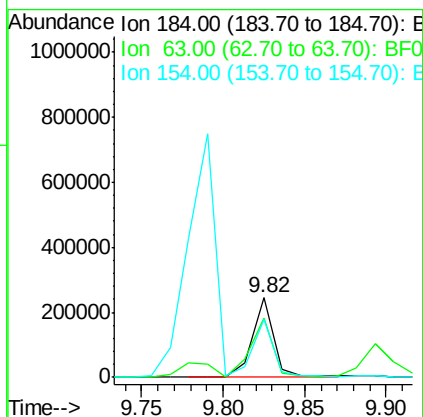
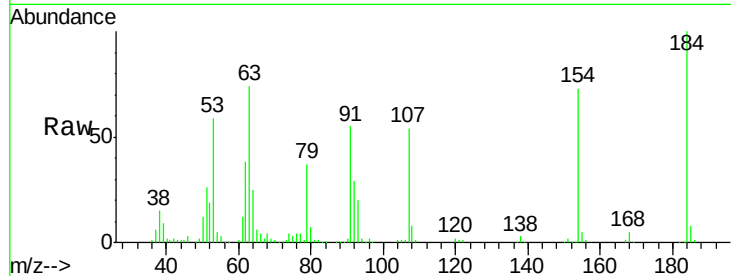




#53
 2,4-Dinitrophenol
 Concen: 86.35 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

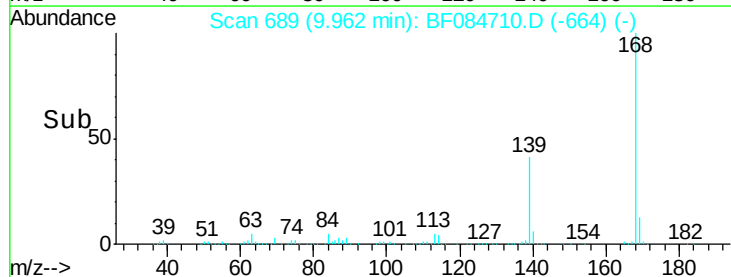
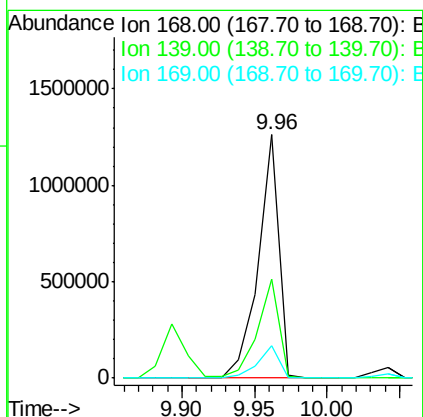
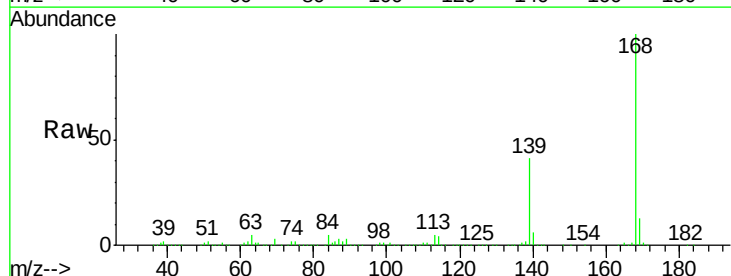
Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

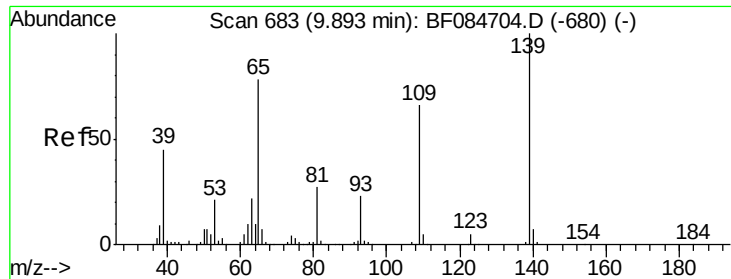
Tgt Ion:184 Resp: 226880
 Ion Ratio Lower Upper
 184 100
 63 74.3 43.1 64.7#
 154 72.7 60.5 90.7



#54
 Dibenzofuran
 Concen: 46.06 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion:168 Resp: 1243759
 Ion Ratio Lower Upper
 168 100
 139 40.7 30.5 45.7
 169 13.5 10.4 15.6





#55

4-Nitrophenol

Concen: 70.48 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

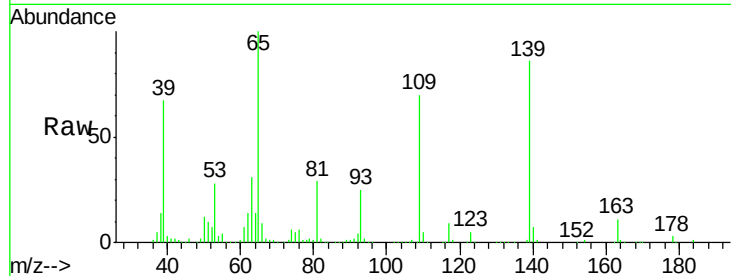
Tgt Ion:139 Resp: 329467

Ion Ratio Lower Upper

139 100

109 80.6 58.5 98.5

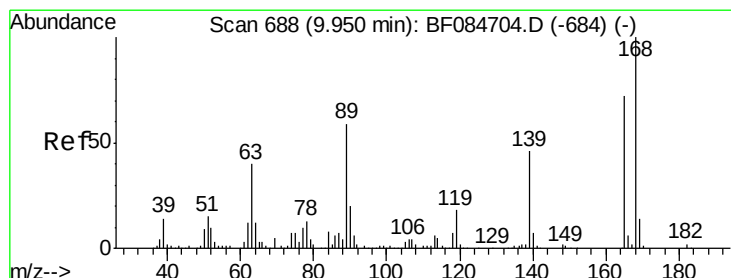
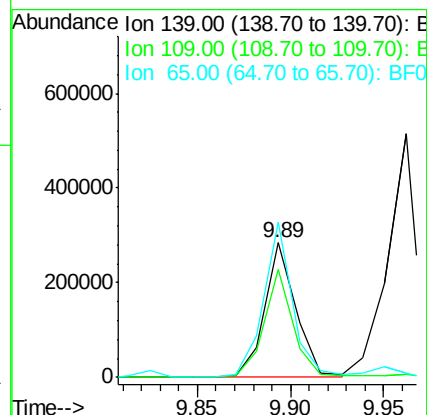
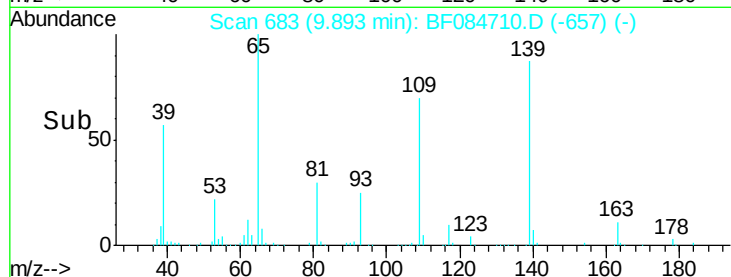
65 115.9 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.03 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Tgt Ion:165 Resp: 296231

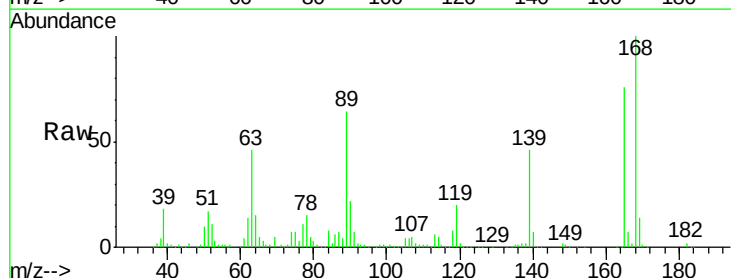
Ion Ratio Lower Upper

165 100

63 61.2 36.7 55.1#

89 84.5 61.9 92.9

182 2.1 2.0 3.0

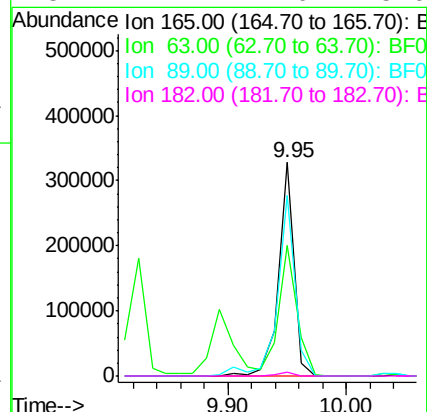
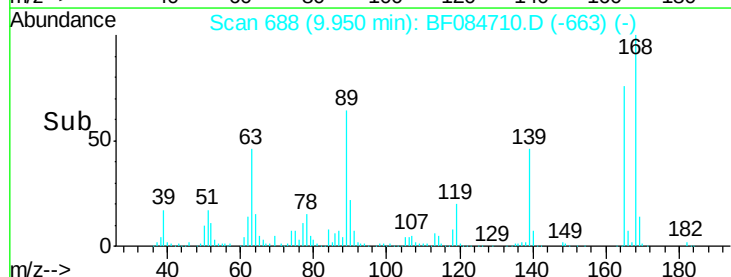


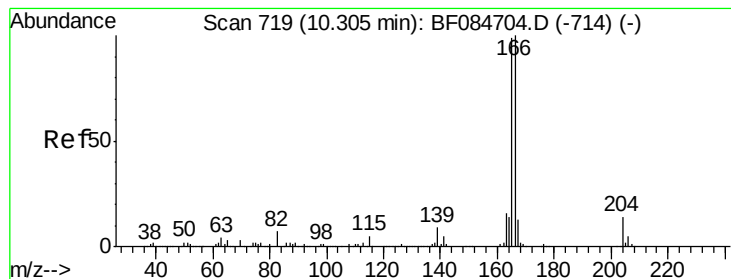
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.98 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

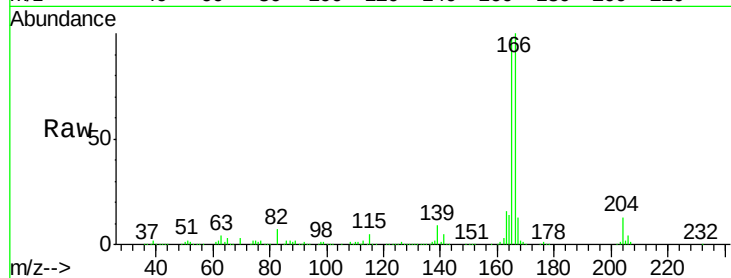
Tgt Ion:166 Resp: 968977

Ion Ratio Lower Upper

166 100

165 97.6 79.1 118.7

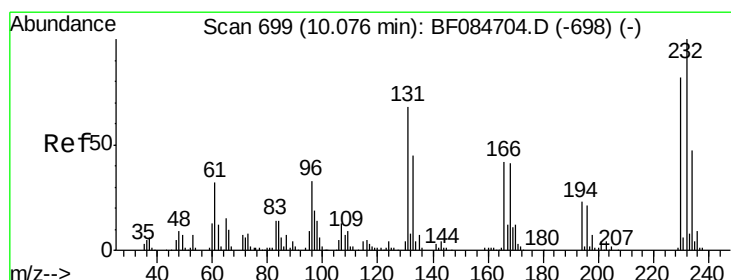
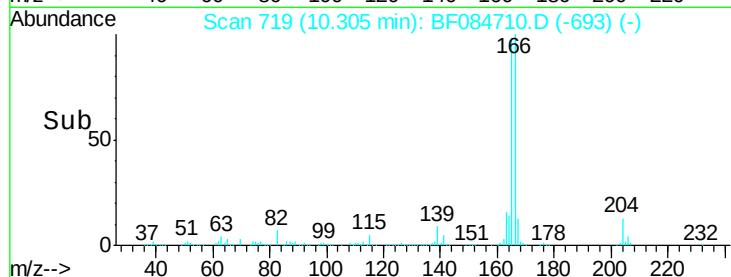
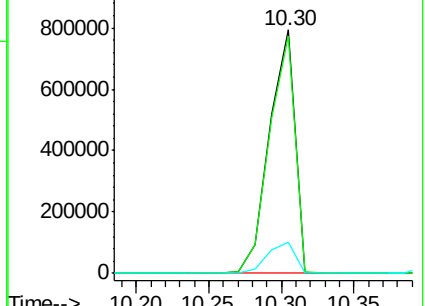
167 13.1 10.4 15.6



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: 44.05 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Tgt Ion:232 Resp: 237151

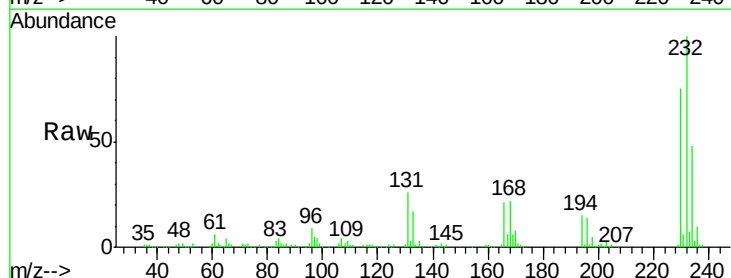
Ion Ratio Lower Upper

232 100

131 50.9 47.0 70.6

130 2.4 2.0 3.0

166 32.3 30.5 45.7

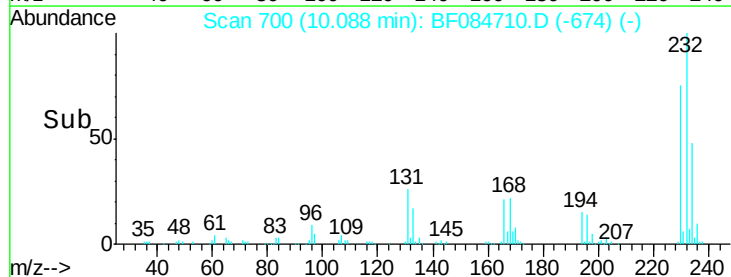
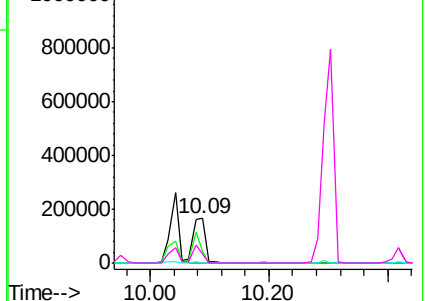


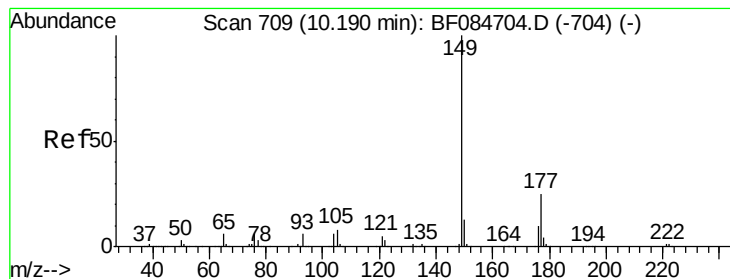
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.99 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

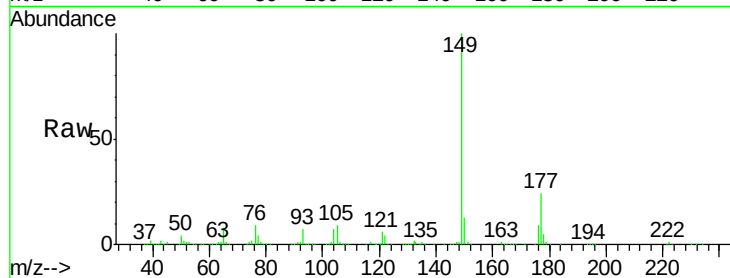
Tgt Ion:149 Resp: 1062298

Ion Ratio Lower Upper

149 100

177 24.1 17.3 25.9

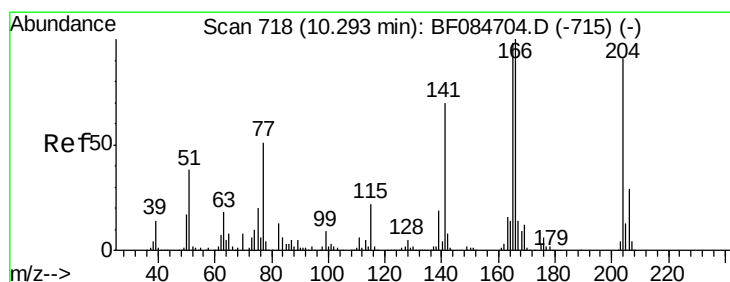
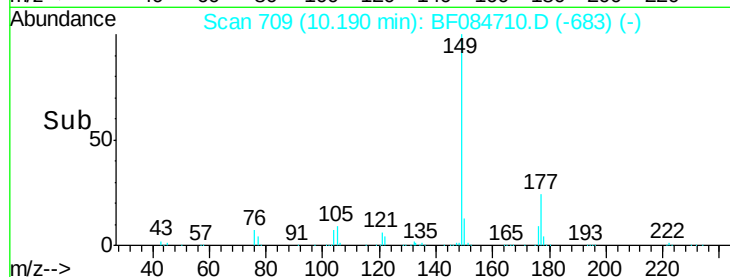
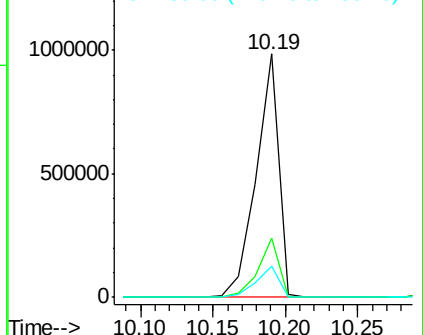
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.69 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

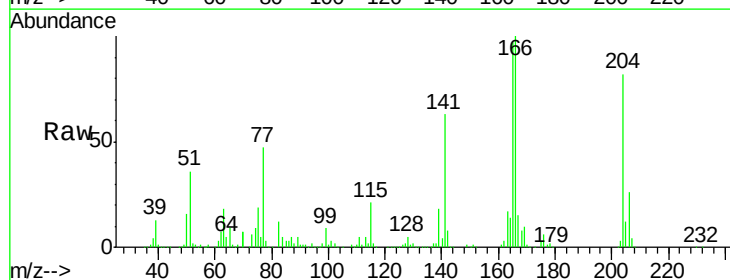
Tgt Ion:204 Resp: 399958

Ion Ratio Lower Upper

204 100

206 32.1 25.7 38.5

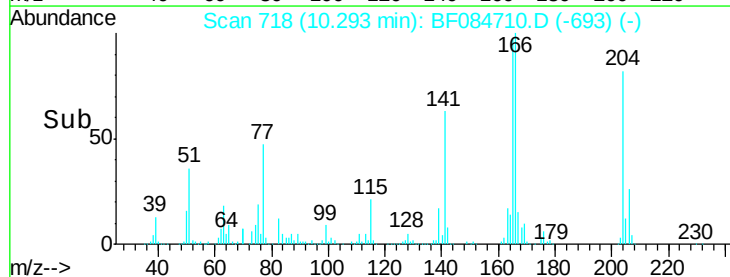
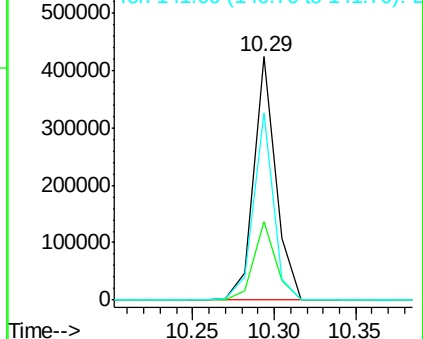
141 76.9 55.1 82.7

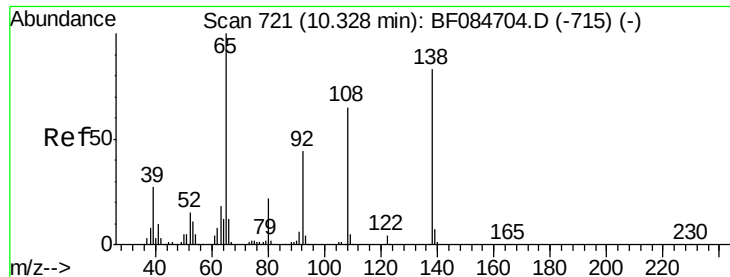


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.99 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

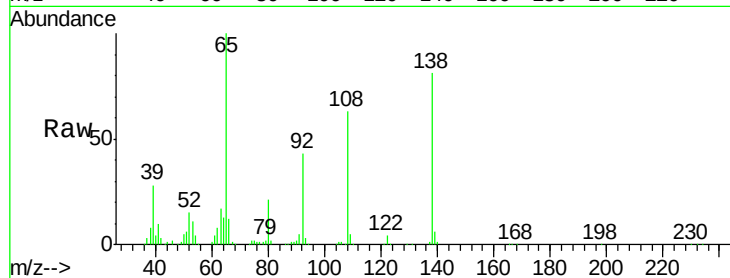
Tgt Ion:138 Resp: 223049

Ion Ratio Lower Upper

138 100

92 53.3 32.6 72.6

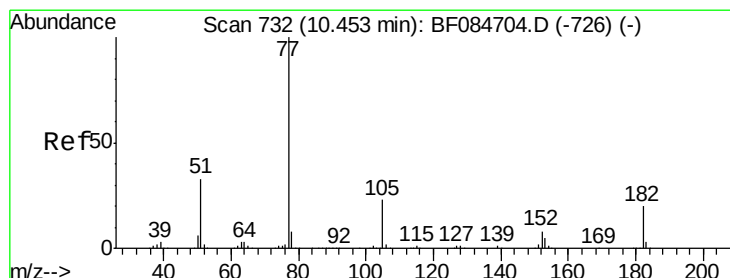
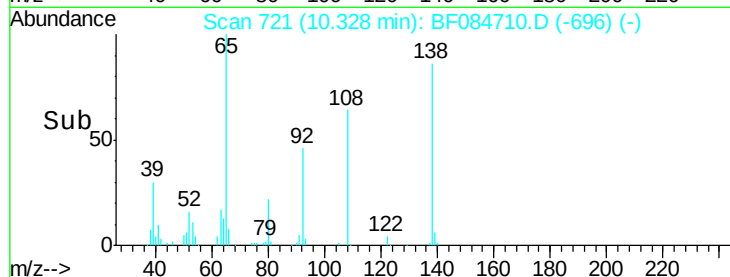
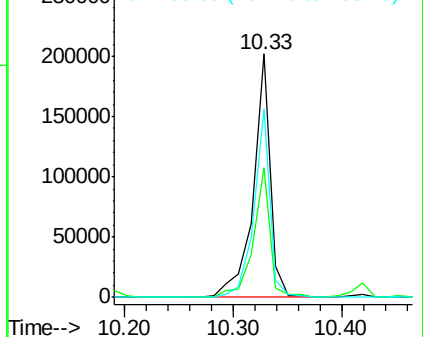
108 77.4 68.6 108.6



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: 44.81 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Tgt Ion: 77 Resp: 1090170

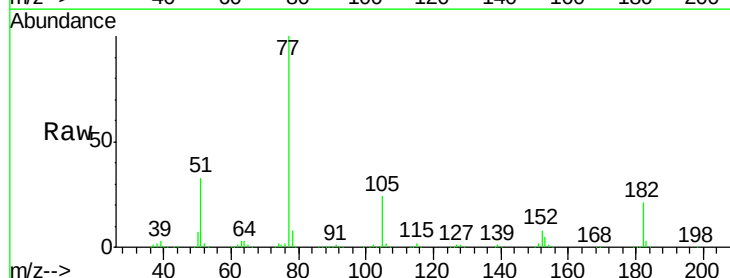
Ion Ratio Lower Upper

77 100

182 20.6 8.3 48.3

105 23.6 4.6 44.6

51 33.3 6.2 46.2

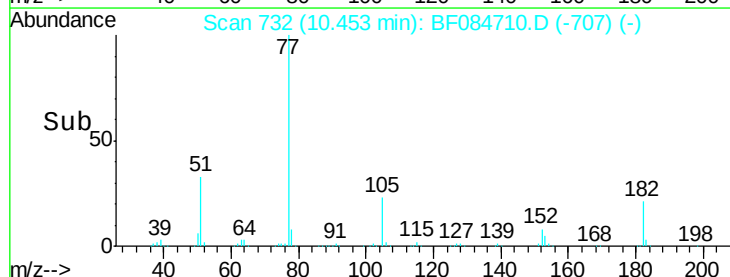
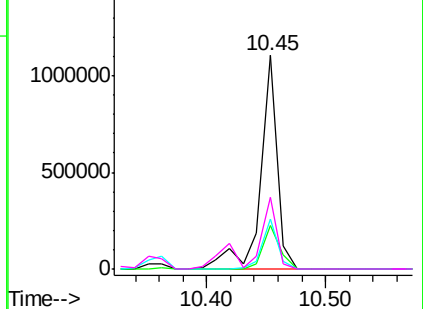


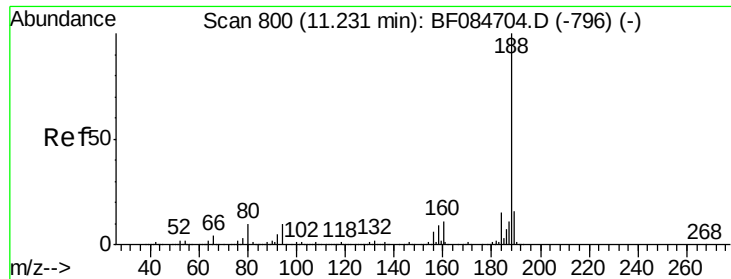
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

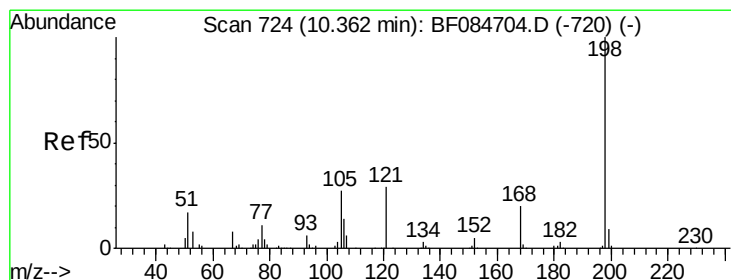
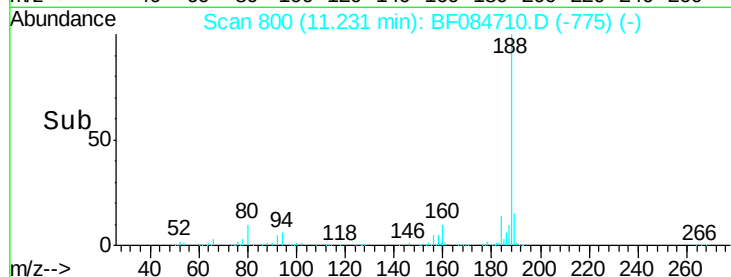
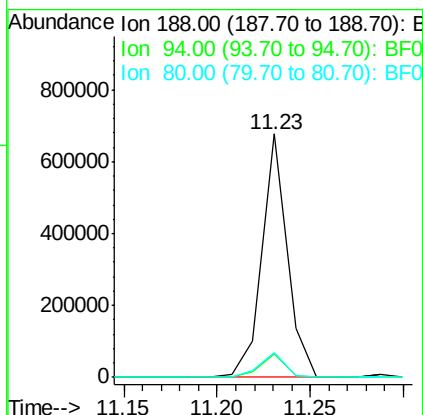
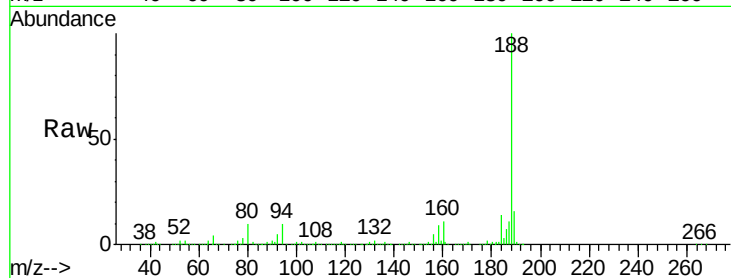




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

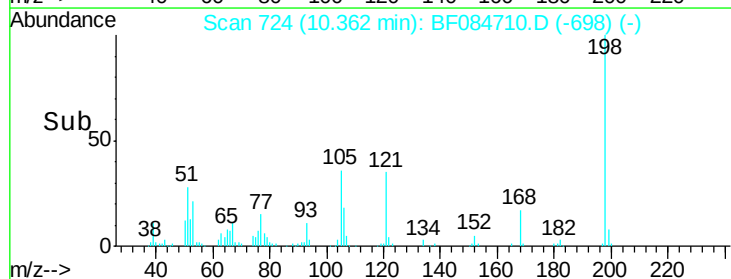
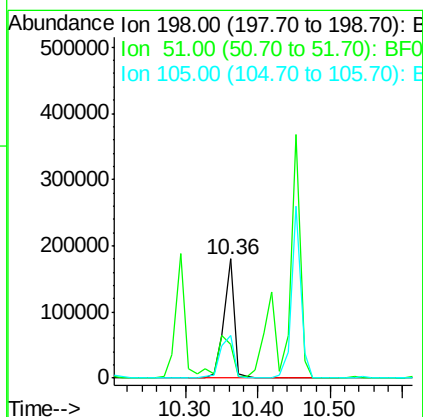
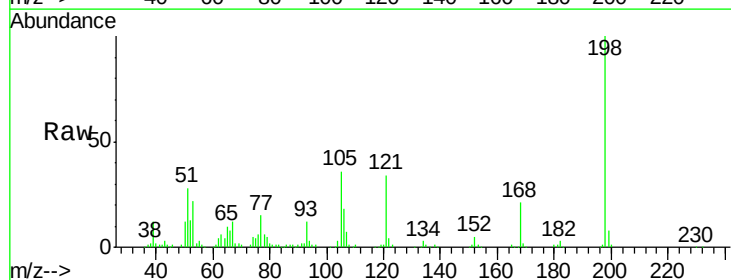
Instrument :
BNA_F
ClientSampleId :
PB88000BS

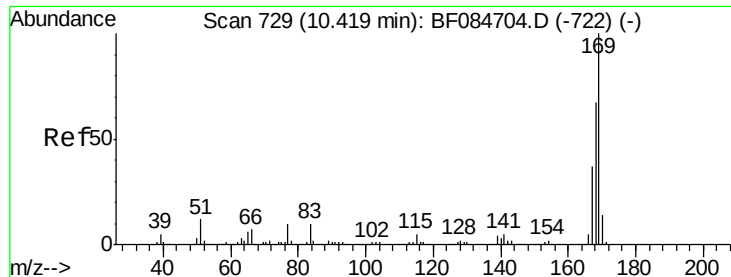
Tgt Ion:188 Resp: 632865
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 10.2 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 46.53 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

Tgt Ion:198 Resp: 181765
Ion Ratio Lower Upper
198 100
51 28.4 18.9 58.9
105 35.7 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 43.98 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

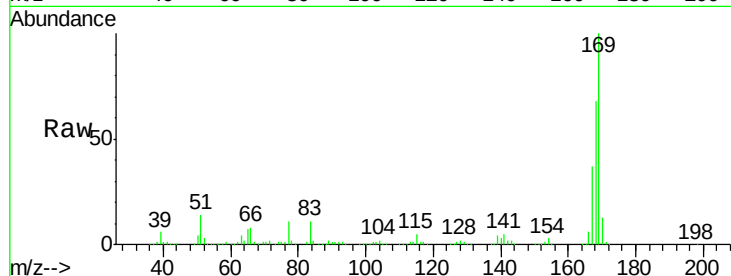
Tgt Ion:169 Resp: 883837

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

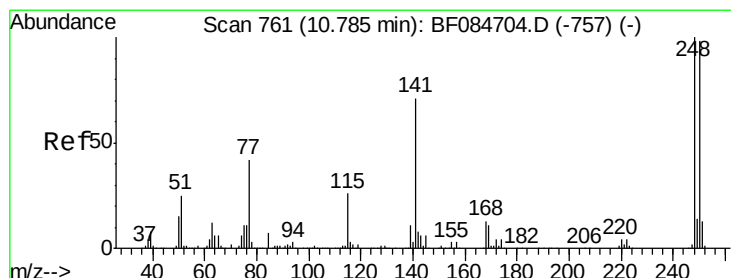
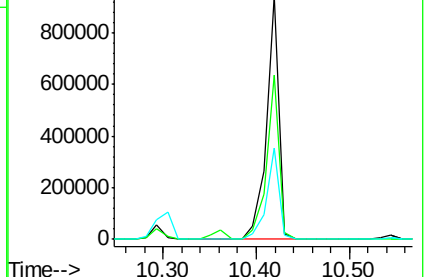
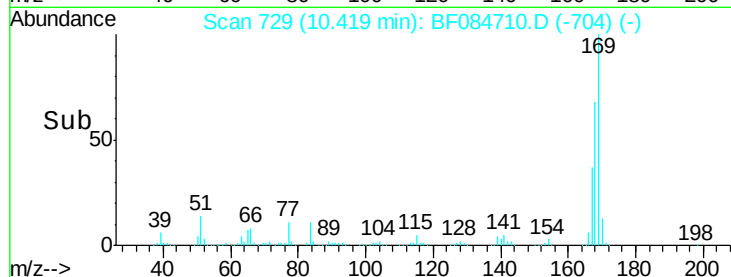
167 37.5 30.0 45.0



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: 43.12 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

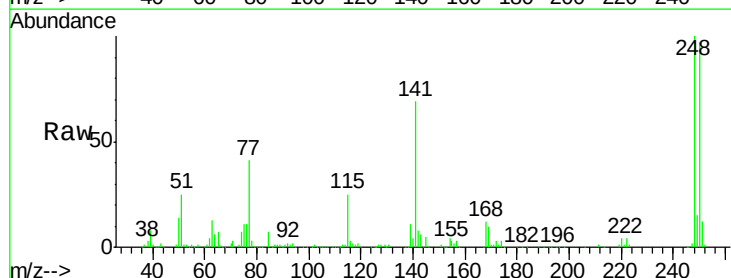
Tgt Ion:248 Resp: 301428

Ion Ratio Lower Upper

248 100

250 96.6 78.4 117.6

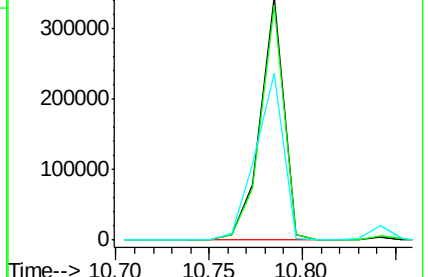
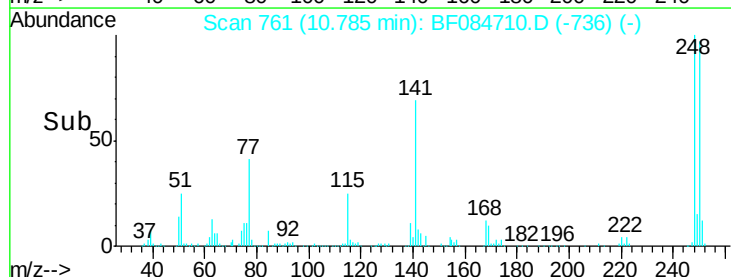
141 68.6 44.0 66.0#

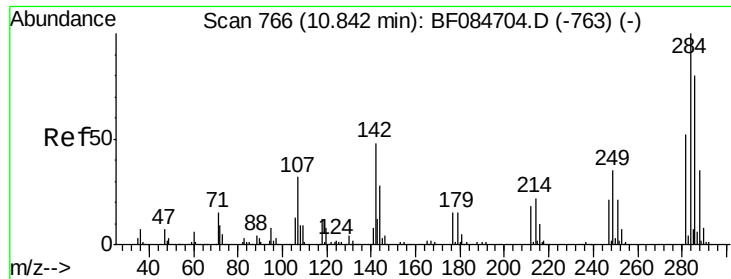


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.19 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

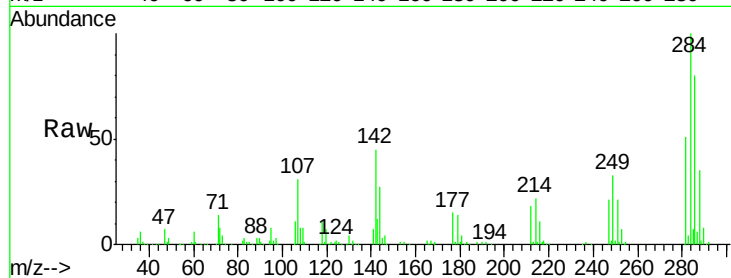
Tgt Ion:284 Resp: 298520

Ion Ratio Lower Upper

284 100

142 45.2 22.2 33.4#

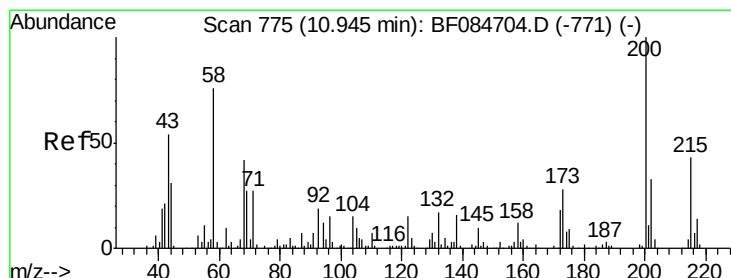
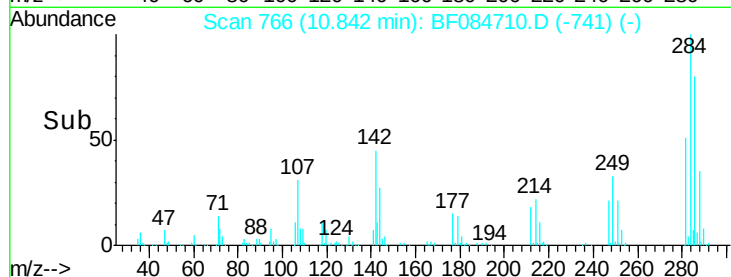
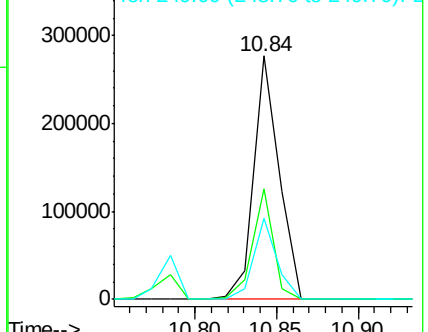
249 33.2 24.6 37.0



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: 40.03 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

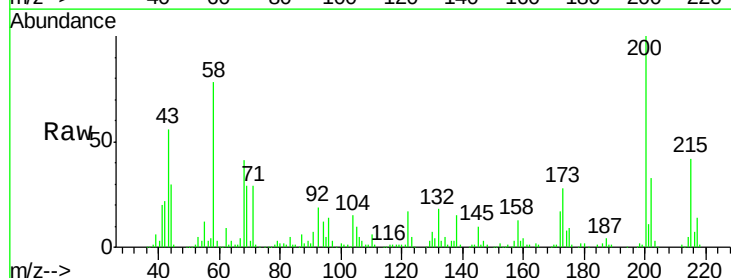
Tgt Ion:200 Resp: 254033

Ion Ratio Lower Upper

200 100

173 27.9 9.5 49.5

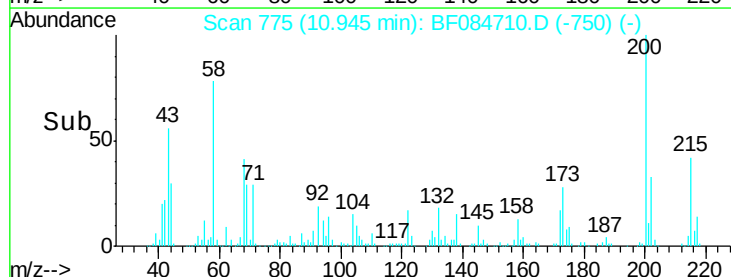
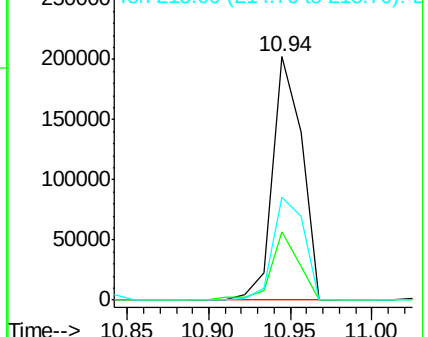
215 42.1 23.8 63.8

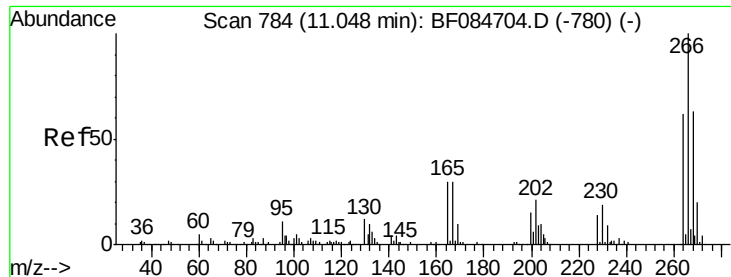


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

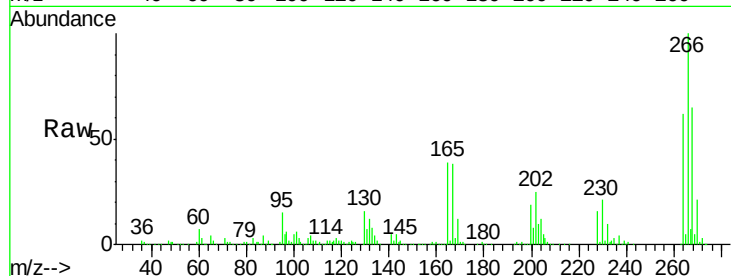




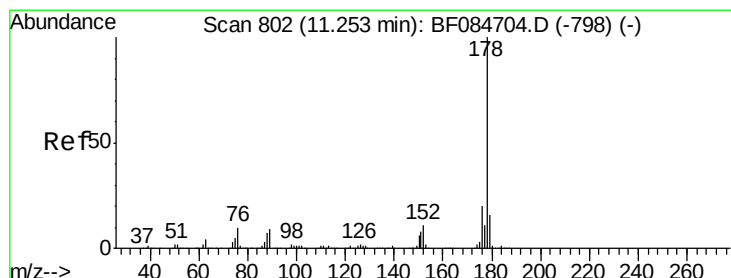
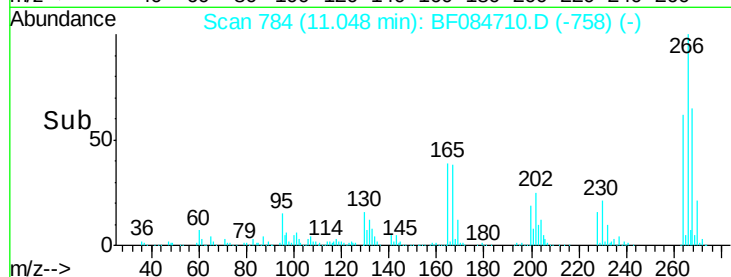
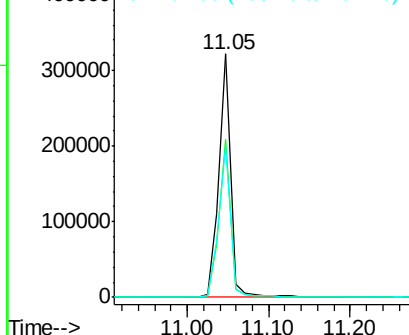
#69
 Pentachlorophenol
 Concen: 91.69 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

Tgt Ion:266 Resp: 328199
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.4 78.6
 264 61.9 50.2 75.2

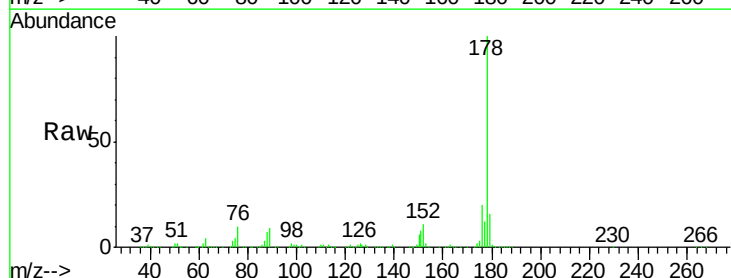


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

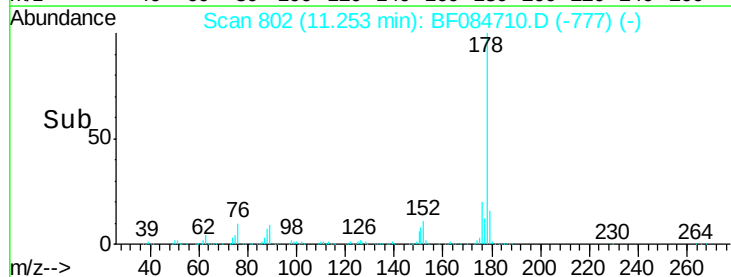
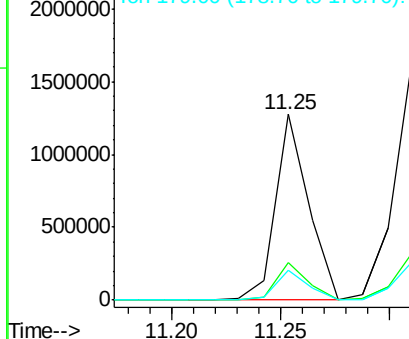


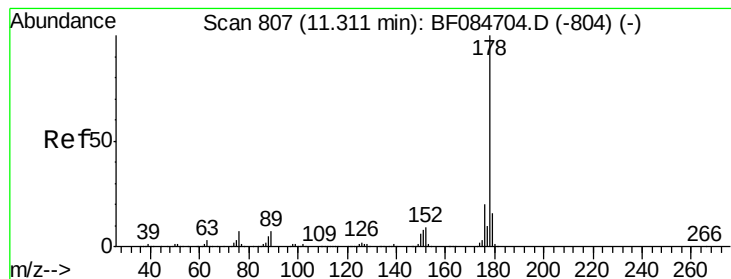
#70
 Phenanthrene
 Concen: 38.66 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion:178 Resp: 1357081
 Ion Ratio Lower Upper
 178 100
 176 20.1 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: 43.52 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

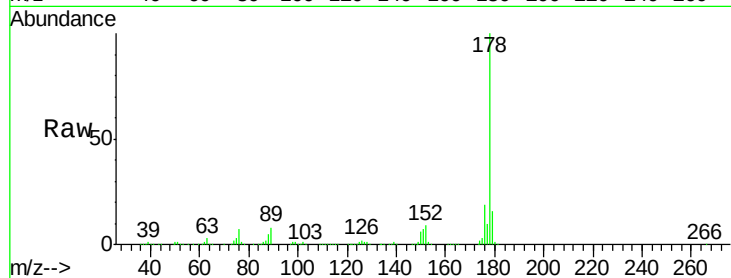
Tgt Ion:178 Resp: 1539205

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

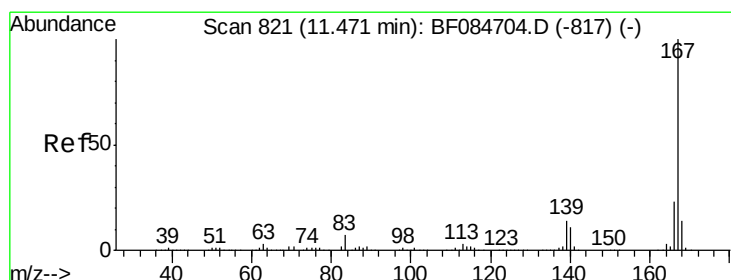
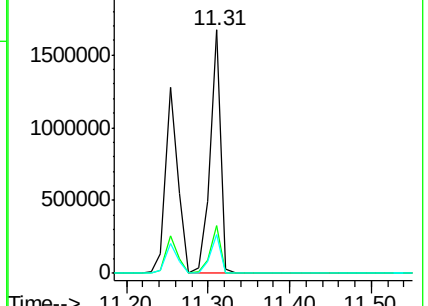
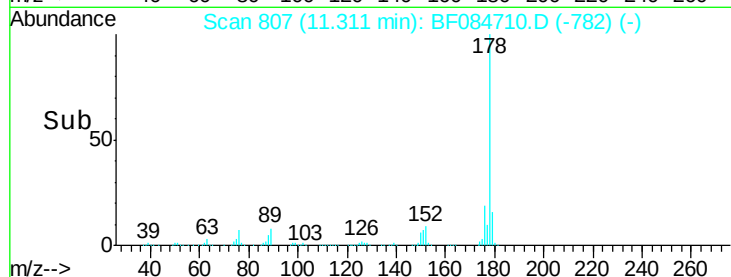
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.87 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

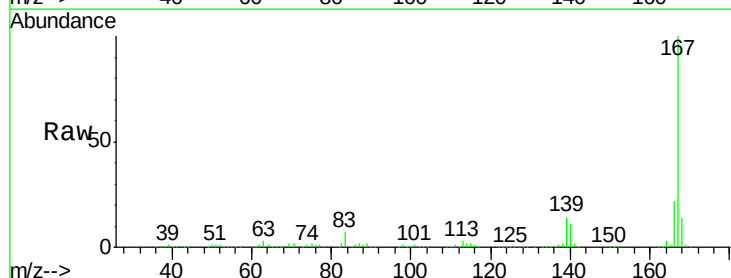
Tgt Ion:167 Resp: 1414596

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

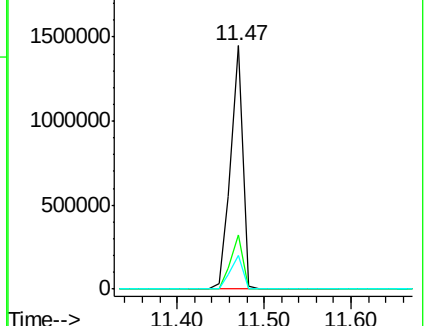
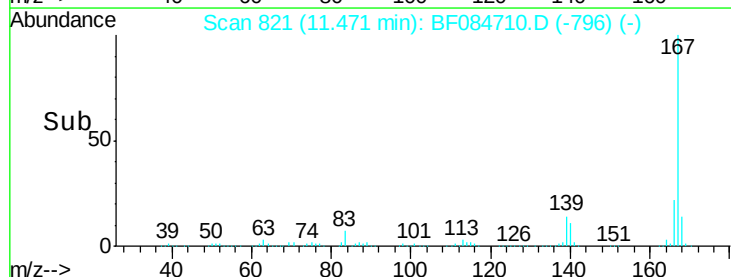
139 13.8 11.8 17.8

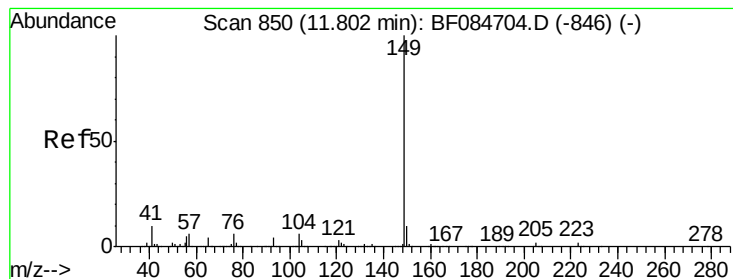


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.89 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

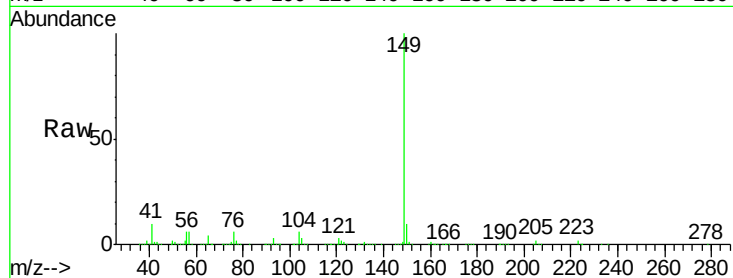
Tgt Ion:149 Resp: 1487873

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

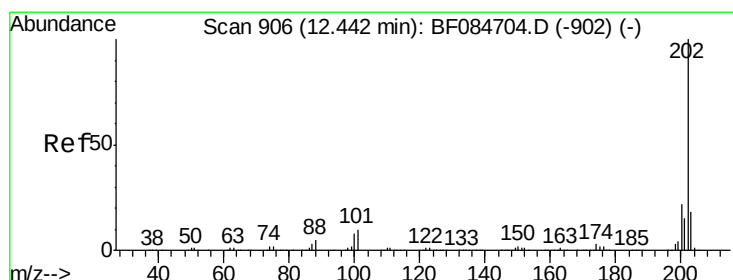
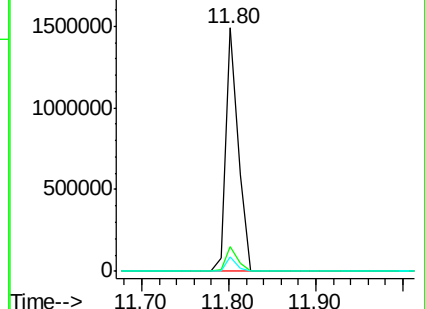
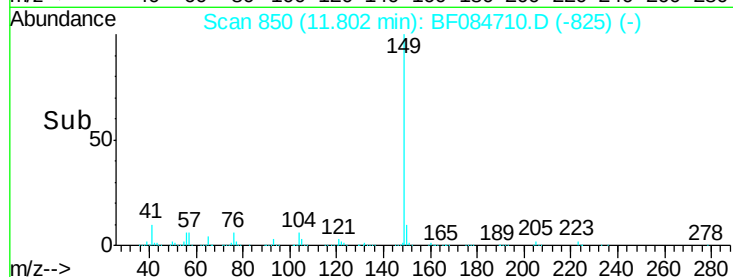
104 5.9 3.2 4.8#



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: 44.16 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

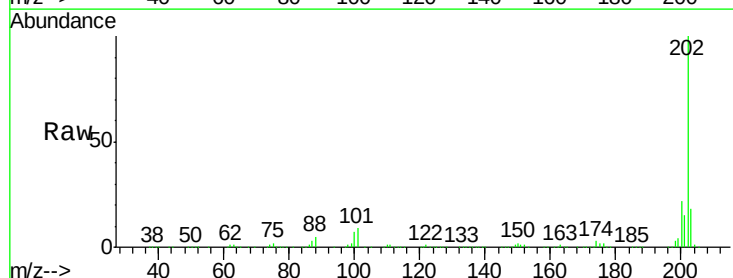
Tgt Ion:202 Resp: 1568970

Ion Ratio Lower Upper

202 100

101 9.3 0.0 32.8

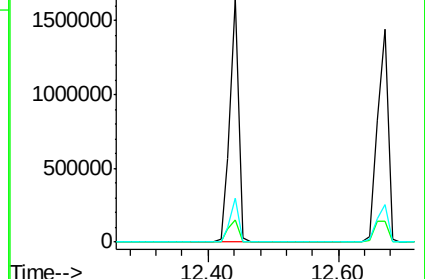
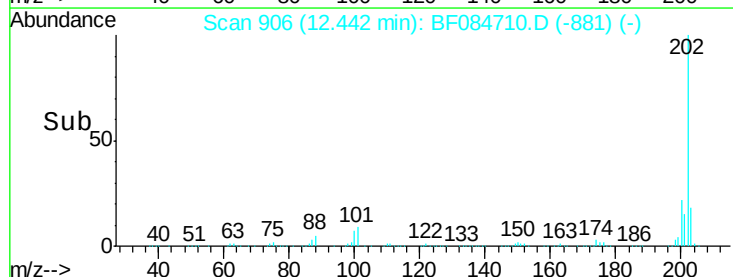
203 18.3 0.0 37.9

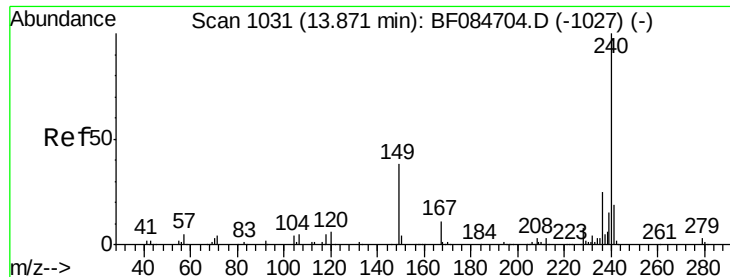


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

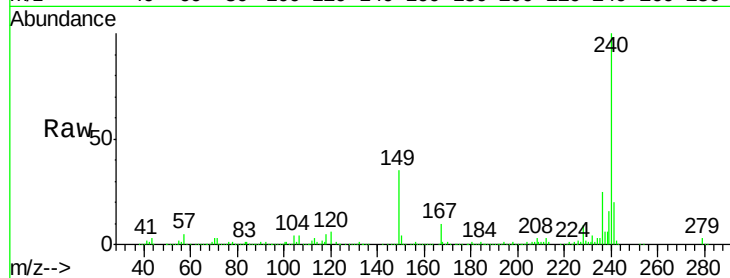
Tgt Ion:240 Resp: 476823

Ion Ratio Lower Upper

240 100

120 5.9 9.5 14.3#

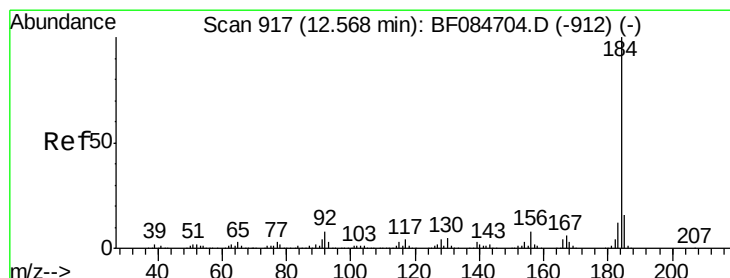
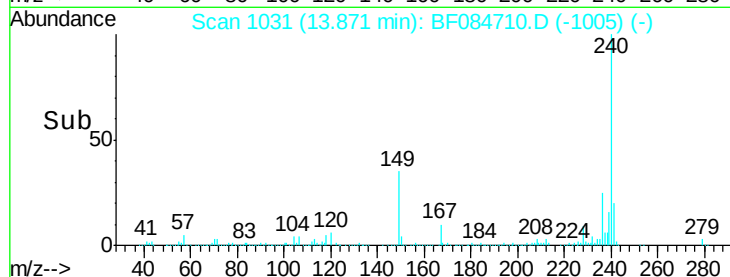
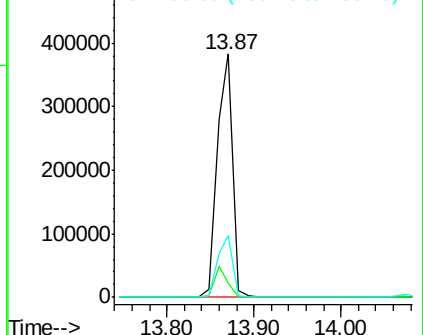
236 25.2 20.6 31.0



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: 25.39 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

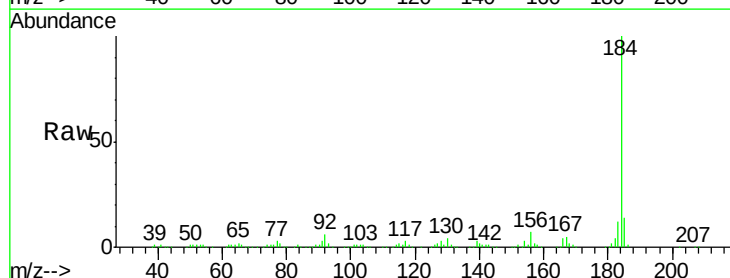
Tgt Ion:184 Resp: 417561

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

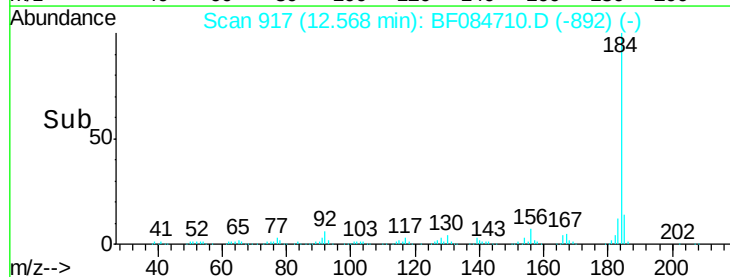
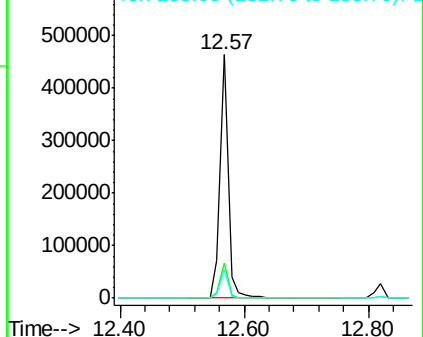
183 11.6 9.8 14.8

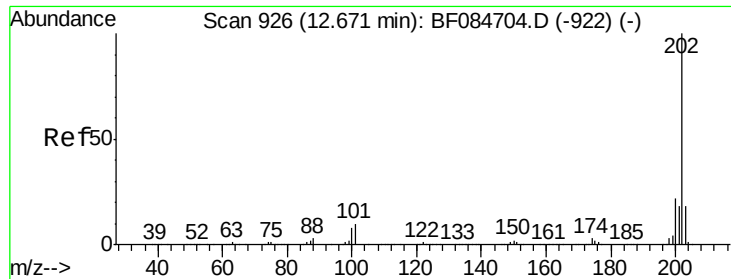


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

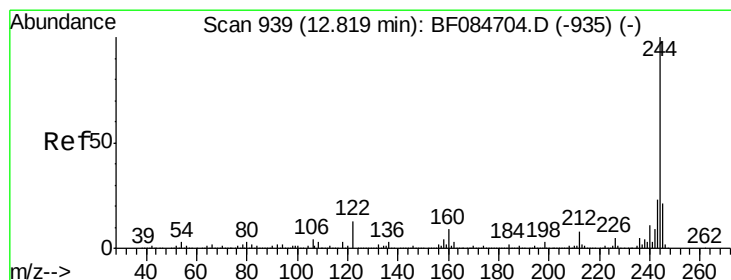
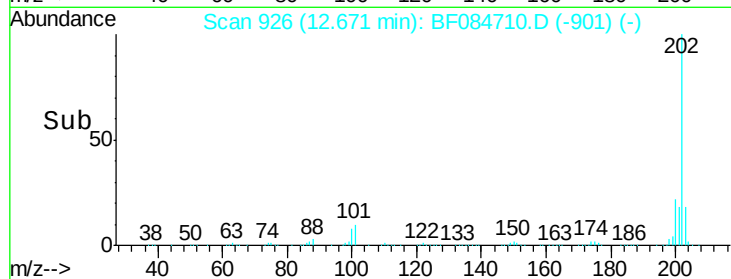
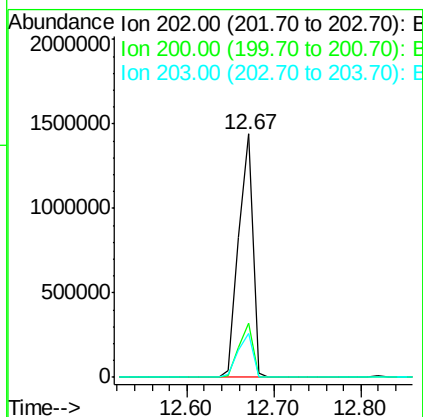
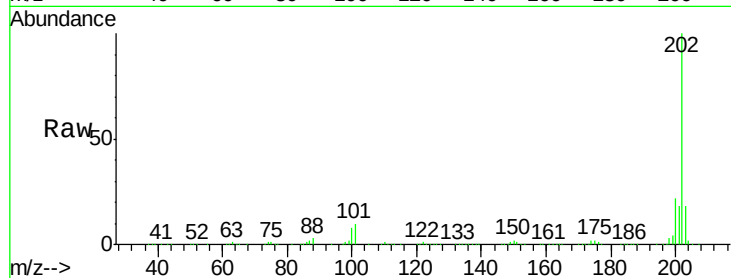




#77
 Pyrene
 Concen: 44.05 ng
 RT: 12.67 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

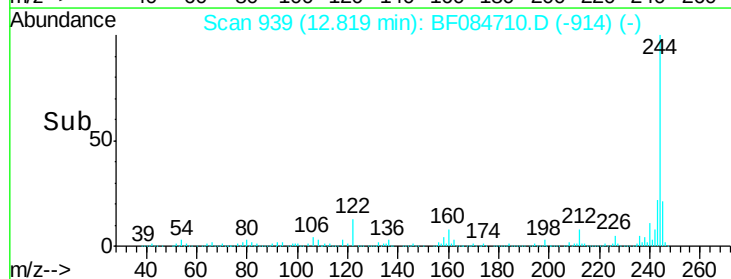
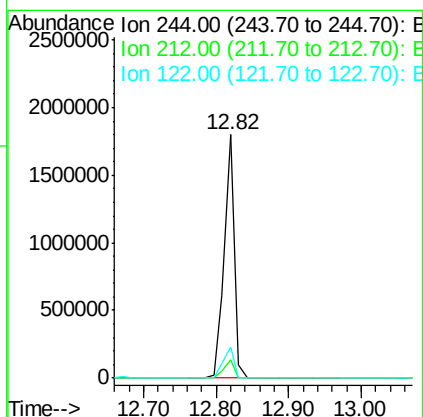
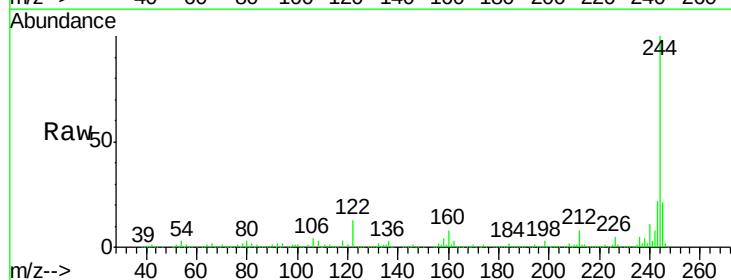
Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

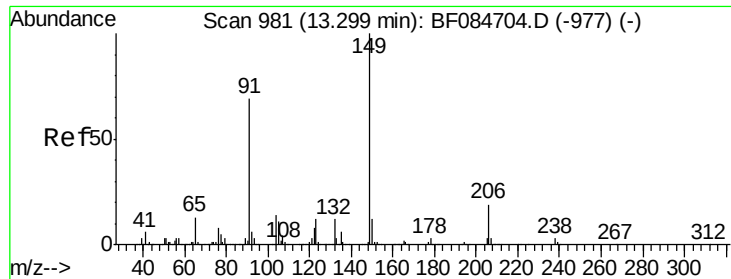
Tgt Ion:202 Resp: 1608153
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.2 25.8
 203 17.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 83.06 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion:244 Resp: 1747813
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 12.6 7.4 11.0#

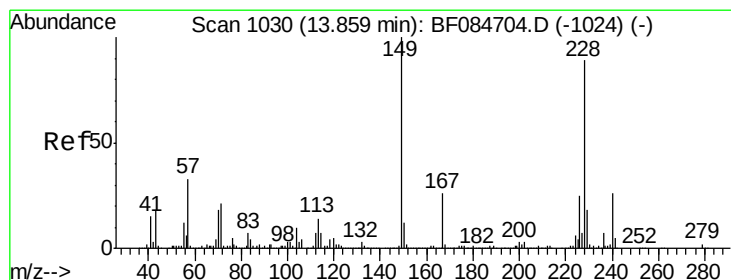
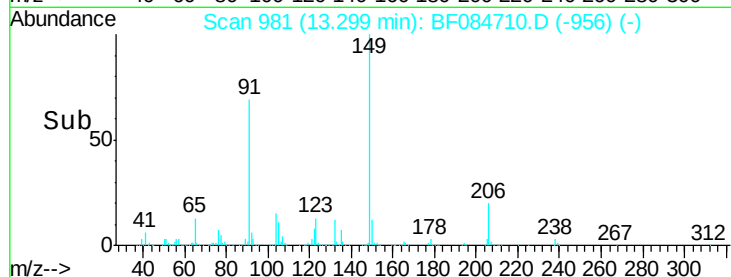
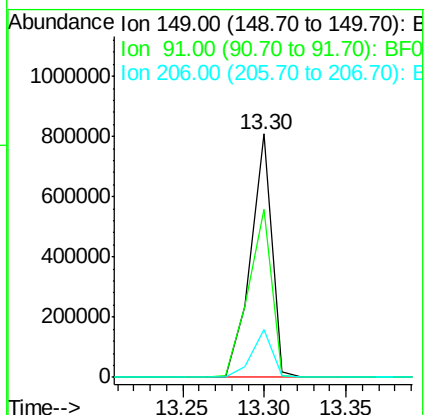
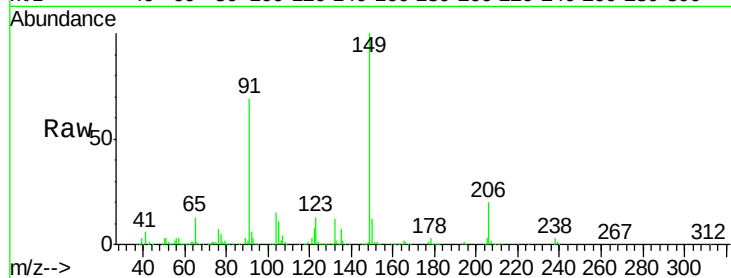




#79
Butylbenzylphthalate
Concen: 44.26 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

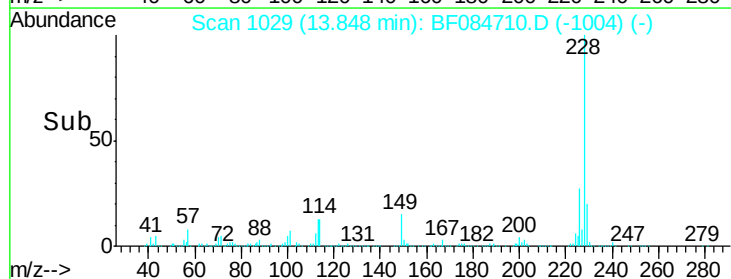
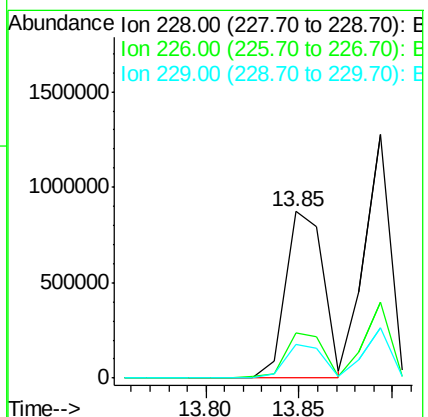
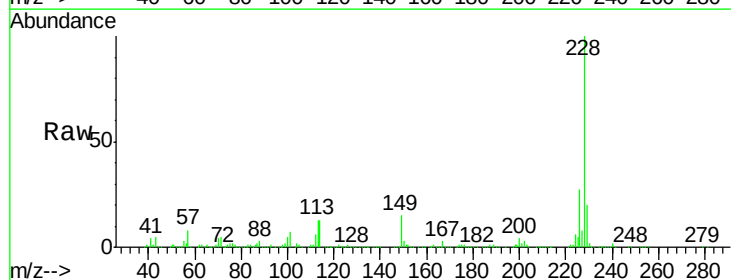
Instrument :
BNA_F
ClientSampleId :
PB88000BS

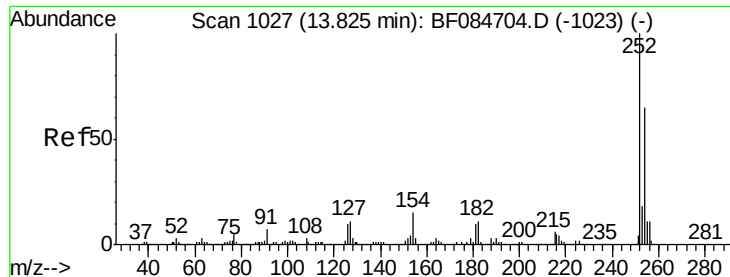
Tgt Ion:149 Resp: 732977
Ion Ratio Lower Upper
149 100
91 68.9 57.6 86.4
206 19.5 13.2 19.8



#80
Benzo(a)anthracene
Concen: 41.56 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

Tgt Ion:228 Resp: 1229890
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.6
229 20.4 15.8 23.8

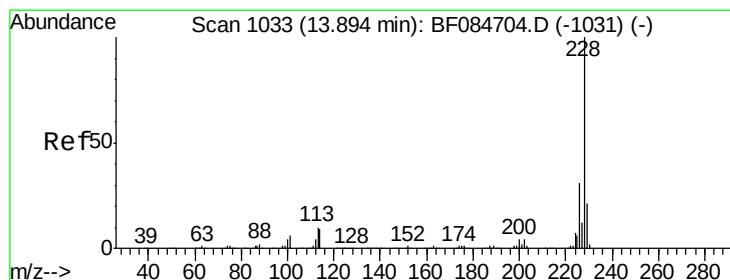
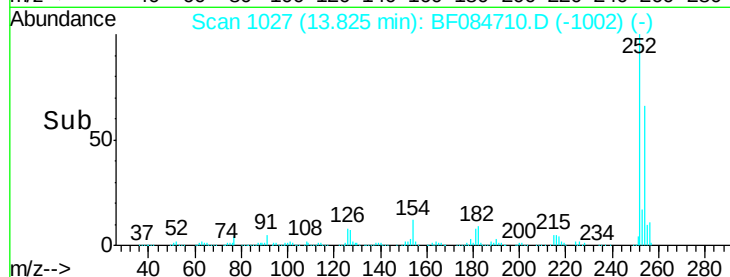
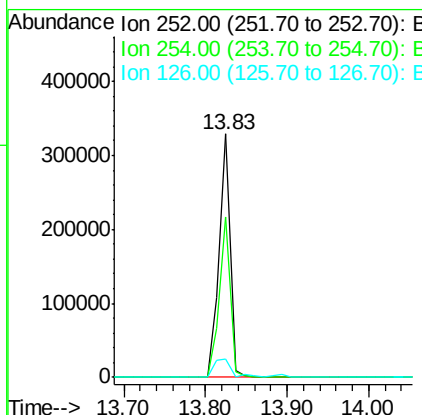
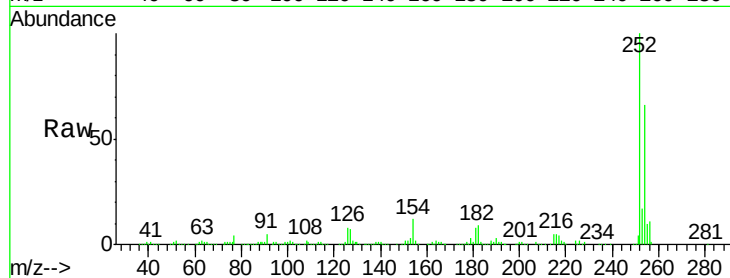




#81
 3,3'-Dichlorobenzidine
 Concen: 29.67 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

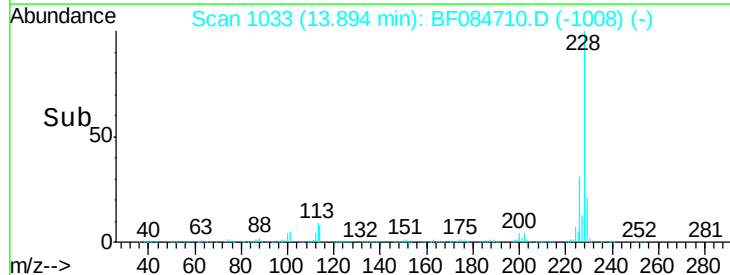
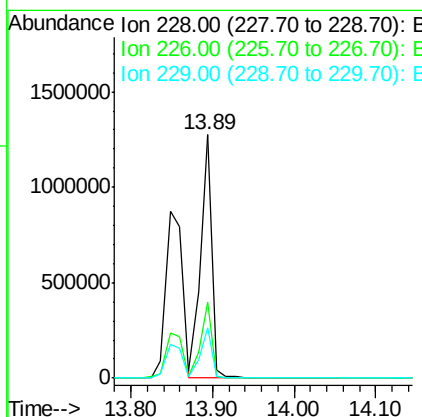
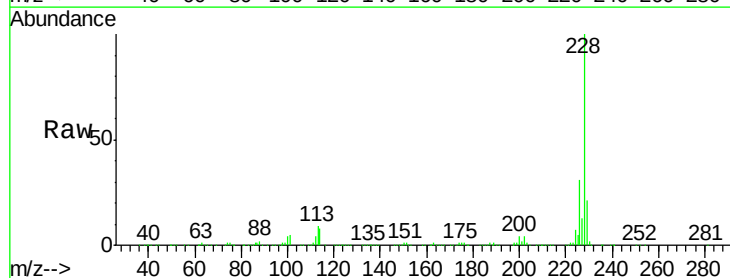
Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

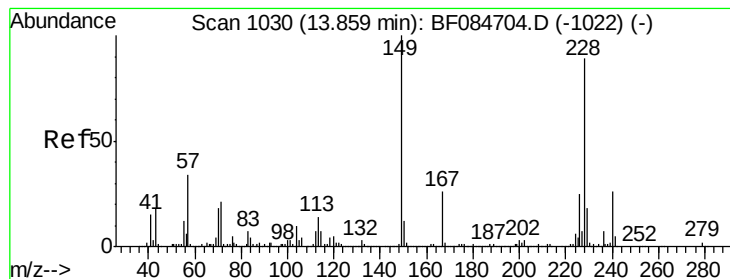
Tgt Ion:252 Resp: 310938
 Ion Ratio Lower Upper
 252 100
 254 65.8 53.5 80.3
 126 7.7 4.9 7.3#



#82
 Chrysene
 Concen: 42.87 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion:228 Resp: 1230233
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.3 36.5
 229 20.9 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.62 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

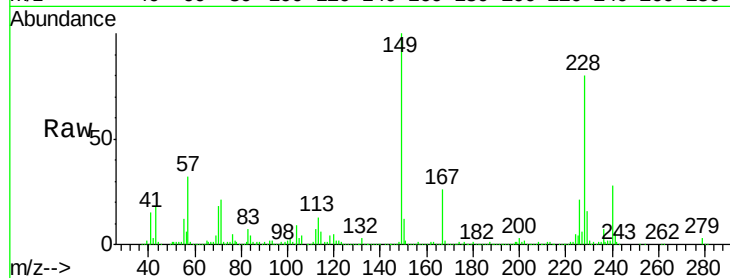
Tgt Ion:149 Resp: 878435

Ion Ratio Lower Upper

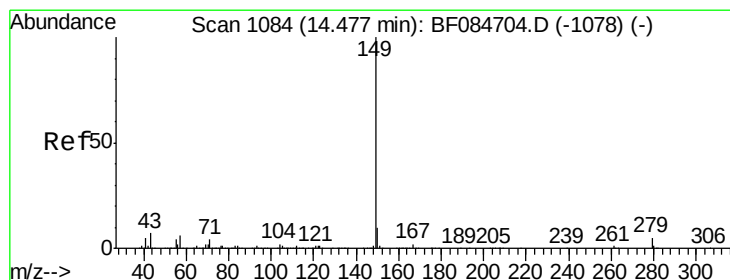
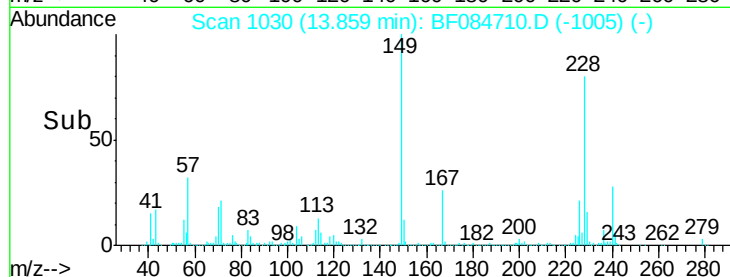
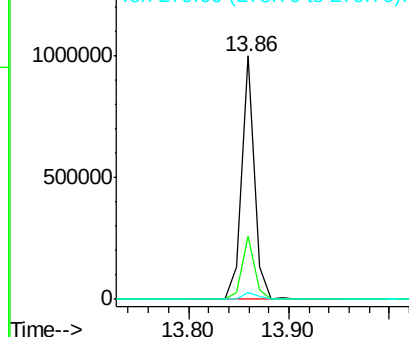
149 100

167 25.7 19.7 29.5

279 2.6 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: 43.36 ng

RT: 14.47 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

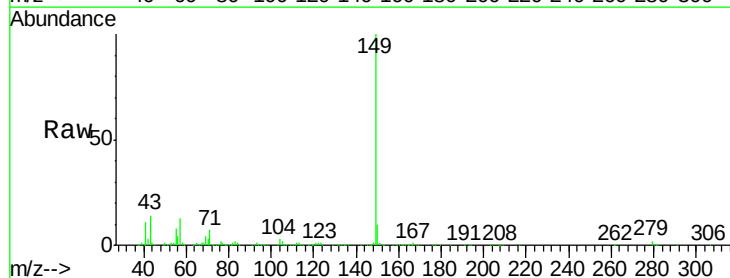
Tgt Ion:149 Resp: 1474379

Ion Ratio Lower Upper

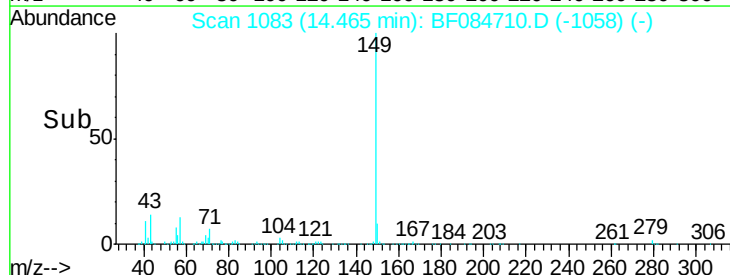
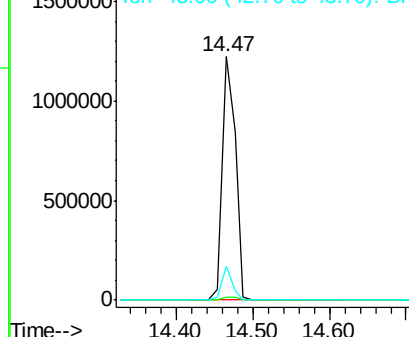
149 100

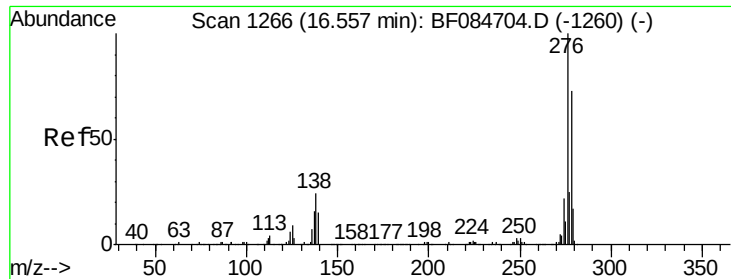
167 1.6 1.2 1.8

43 11.0 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

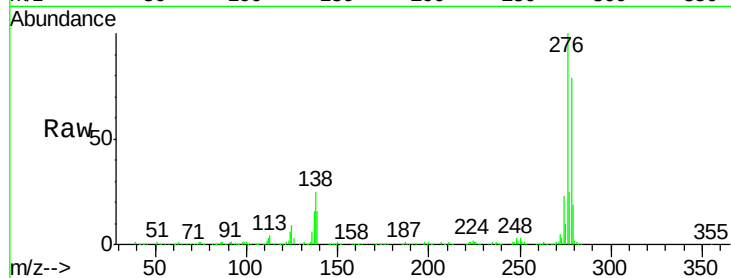




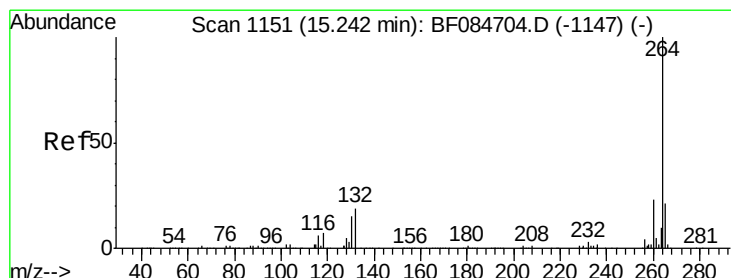
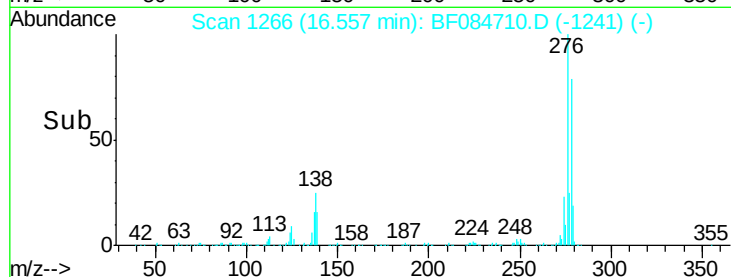
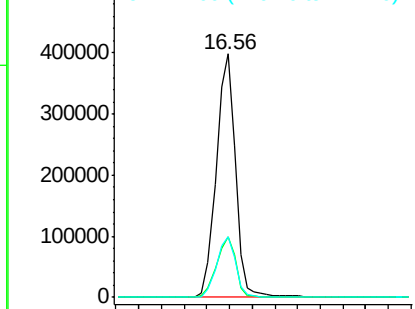
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.54 ng
 RT: 16.56 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BS

Tgt Ion:276 Resp: 938238
 Ion Ratio Lower Upper
 276 100
 138 25.3 20.6 30.8
 277 24.9 20.1 30.1

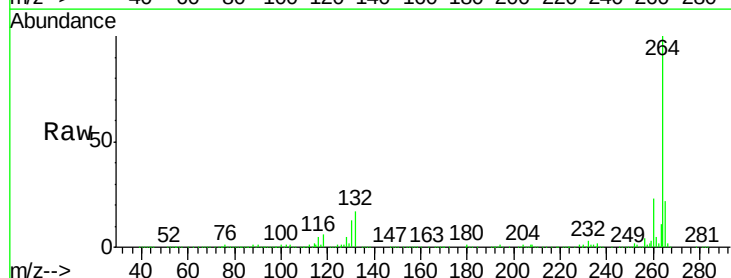


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

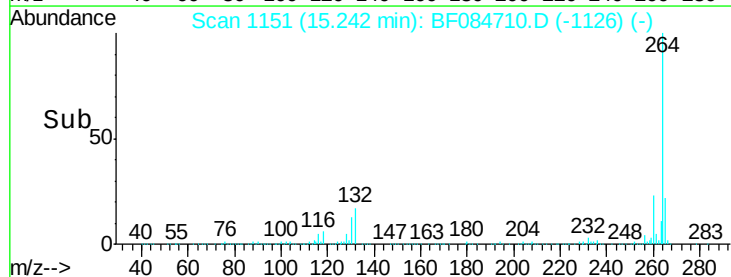
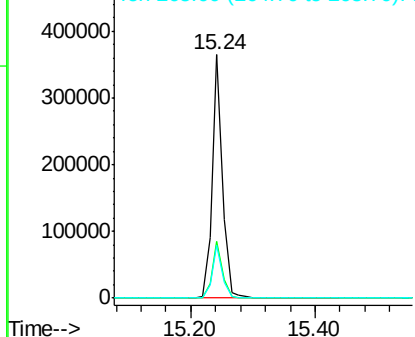


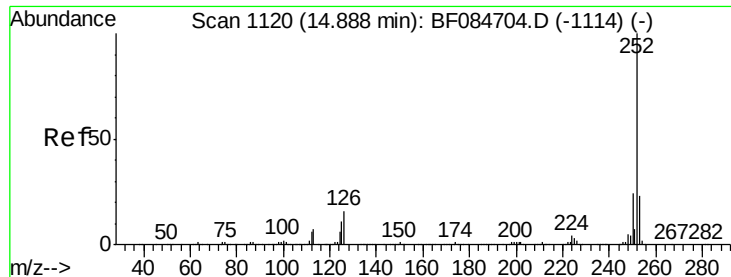
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF084710.D
 Acq: 1 Feb 2016 15:38

Tgt Ion:264 Resp: 409946
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.7 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

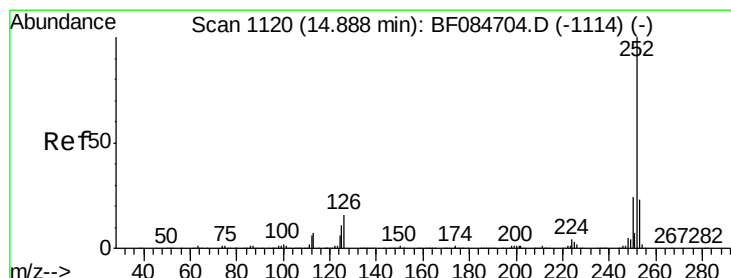
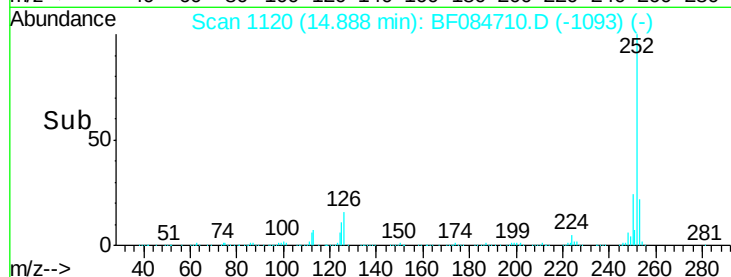
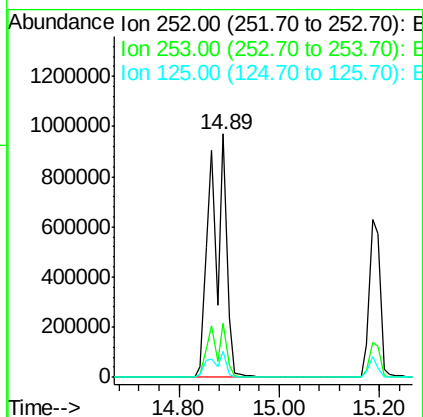
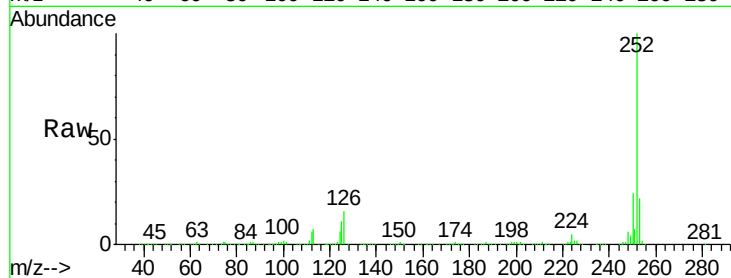




#87
Benzo(b)fluoranthene
Concen: 75.38 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

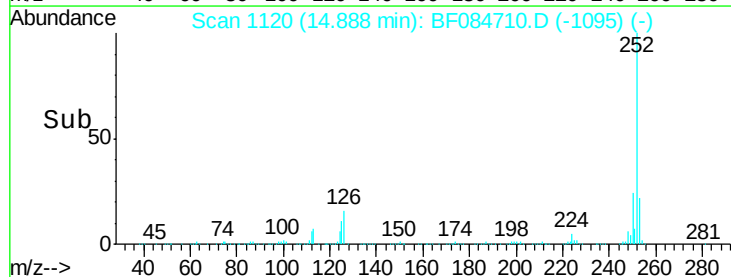
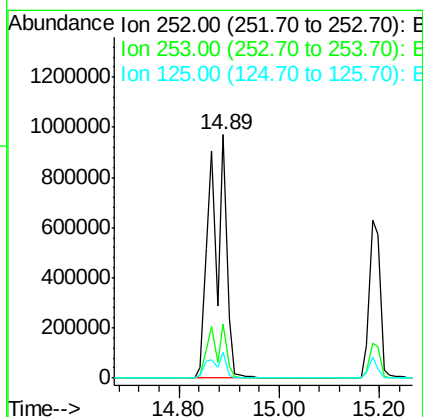
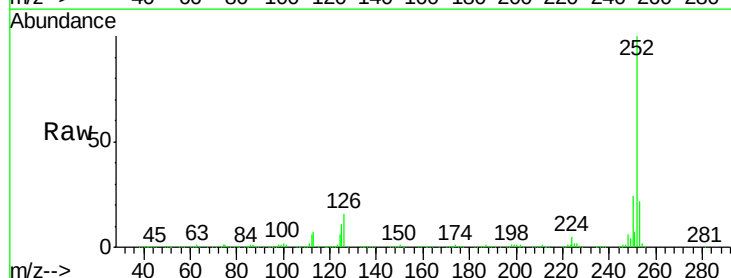
Instrument :
BNA_F
ClientSampleId :
PB88000BS

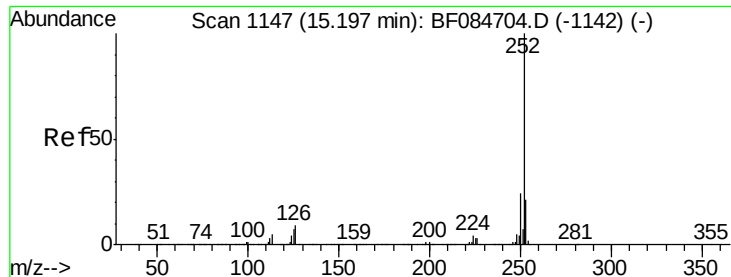
Tgt Ion:252 Resp: 2076310
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.7 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 91.17 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084710.D
Acq: 1 Feb 2016 15:38

Tgt Ion:252 Resp: 2076310
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.7 9.0 13.6





#89

Benzo(a)pyrene

Concen: 41.05 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS

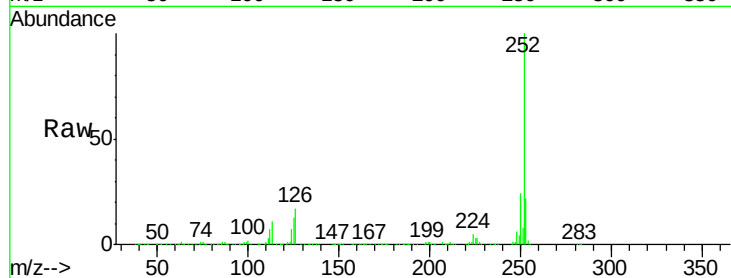
Tgt Ion:252 Resp: 963332

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

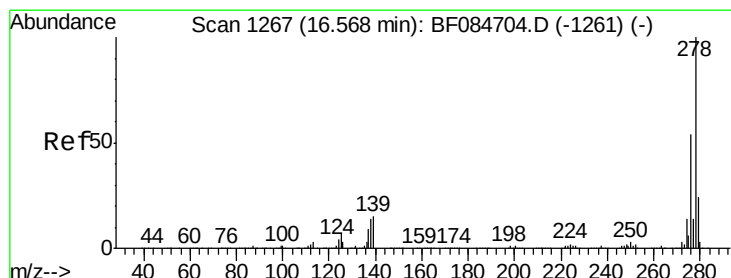
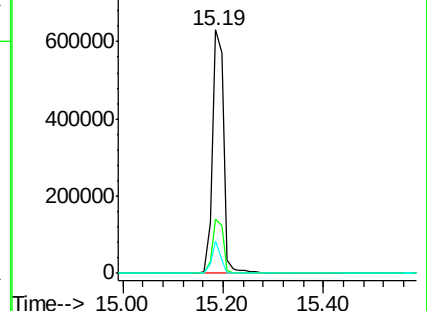
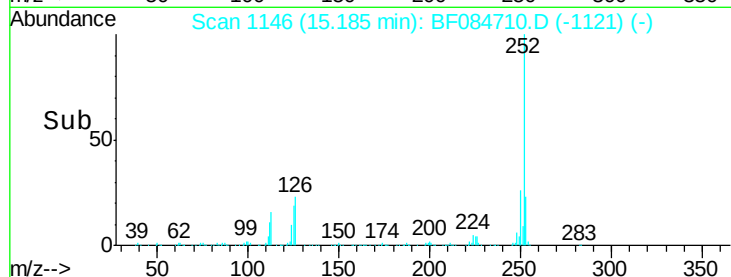
125 13.4 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.67 ng

RT: 16.57 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF084710.D

Acq: 1 Feb 2016 15:38

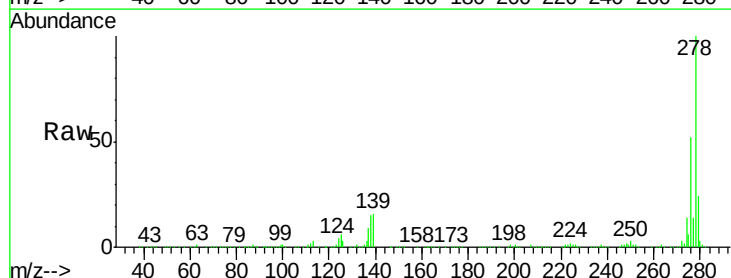
Tgt Ion:278 Resp: 783683

Ion Ratio Lower Upper

278 100

139 15.6 15.0 22.4

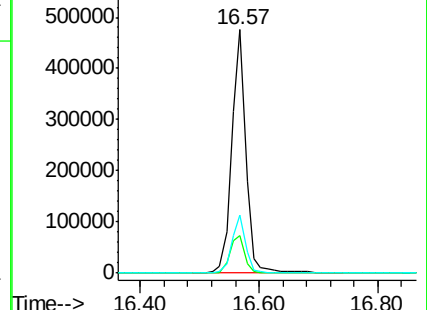
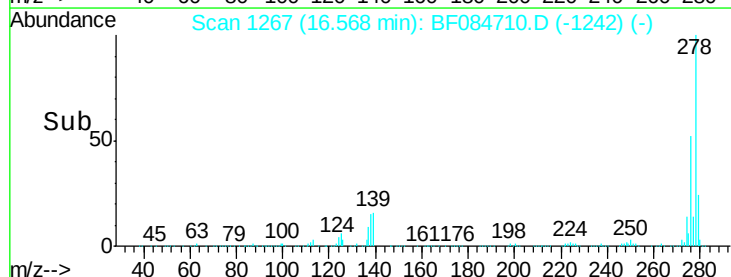
279 24.0 18.9 28.3

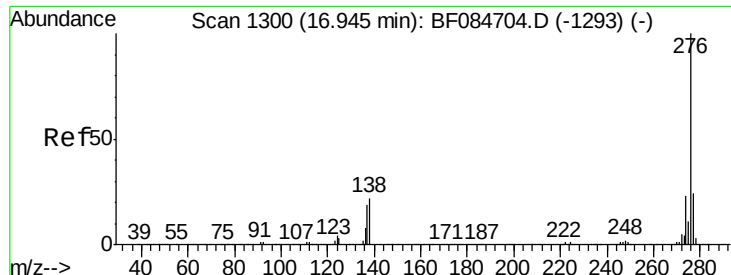


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.63 ng

RT: 16.95 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF084710.D

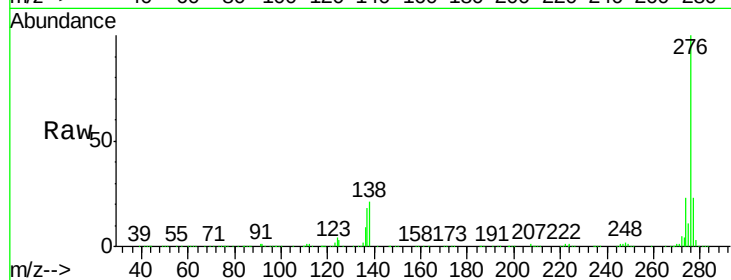
Acq: 1 Feb 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB88000BS



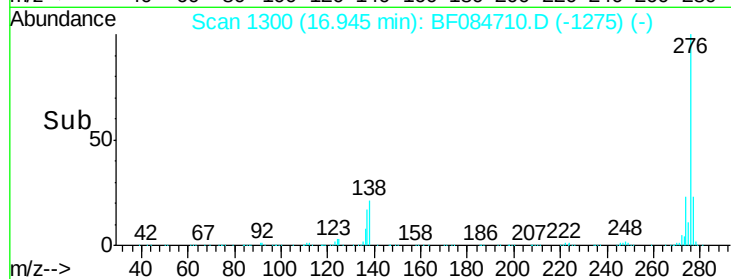
Tgt Ion: 276 Resp: 788618

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 21.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

