

Data File : BF093008.D
Acq On : 17 Feb 2017 14:13
Operator : SJ/MA
Sample : PB97012BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Quant Time: Feb 17 22:10:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167061	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	708510	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	373670	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	613865	20.00	ng	0.00
75) Chrysene-d12	14.02	240	525817	20.00	ng	0.00
86) Perylene-d12	15.45	264	482039	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1239609	127.30	ng	0.01
7) Phenol-d6	6.50	99	1658255	132.35	ng	0.01
23) Nitrobenzene-d5	7.42	82	993632	78.10	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	368354	136.30	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1666710	80.81	ng	0.00
78) Terphenyl-d14	12.97	244	1691894	75.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	178095	33.85	ng	# 86
3) Pyridine	3.23	79	497921	37.22	ng	87
4) n-Nitrosodimethylamine	3.18	42	276499	44.01	ng	86
6) Aniline	6.52	93	464565	27.18	ng	# 67
8) 2-Chlorophenol	6.65	128	496291	46.20	ng	95
9) Benzaldehyde	6.40	77	94328	10.51	ng	88
10) Phenol	6.51	94	528128	36.03	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	517205	44.20	ng	96
12) 1,3-Dichlorobenzene	6.88	146	555039	44.11	ng	97
13) 1,4-Dichlorobenzene	6.88	146	555039	43.58	ng	94
14) 1,2-Dichlorobenzene	7.02	146	472694	38.82	ng	97
15) Benzyl Alcohol	7.00	79	384166	41.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	827668	40.72	ng	93
17) 2-Methylphenol	7.13	107	421054	45.69	ng	96
18) Hexachloroethane	7.37	117	184198	42.37	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	322729	40.46	ng	95
20) 3+4-Methylphenols	7.28	107	464162	42.12	ng	94
22) Acetophenone	7.28	105	623360	38.53	ng	# 90
24) Nitrobenzene	7.45	77	582107	44.56	ng	92
25) Isophorone	7.69	82	984980	41.55	ng	99
26) 2-Nitrophenol	7.76	139	267298	43.04	ng	93
27) 2,4-Dimethylphenol	7.80	122	442881	40.61	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	590569	37.61	ng	99
29) 2,4-Dichlorophenol	8.01	162	447858	44.03	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	444630	40.56	ng	97
31) Naphthalene	8.17	128	1429940	39.81	ng	99
32) Benzoic acid	7.94	122	267650	44.01	ng	96
33) 4-Chloroaniline	8.21	127	239621	17.01	ng	99
34) Hexachlorobutadiene	8.28	225	227438	37.71	ng	99
35) Caprolactam	8.59	113	96134	30.05	ng	# 34
36) 4-Chloro-3-methylphenol	8.70	107	432775	40.81	ng	99
37) 2-Methylnaphthalene	8.85	142	899295	39.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	426390	40.65	ng	100
40) Hexachlorocyclopentadiene	9.00	237	359176	75.90	ng	96

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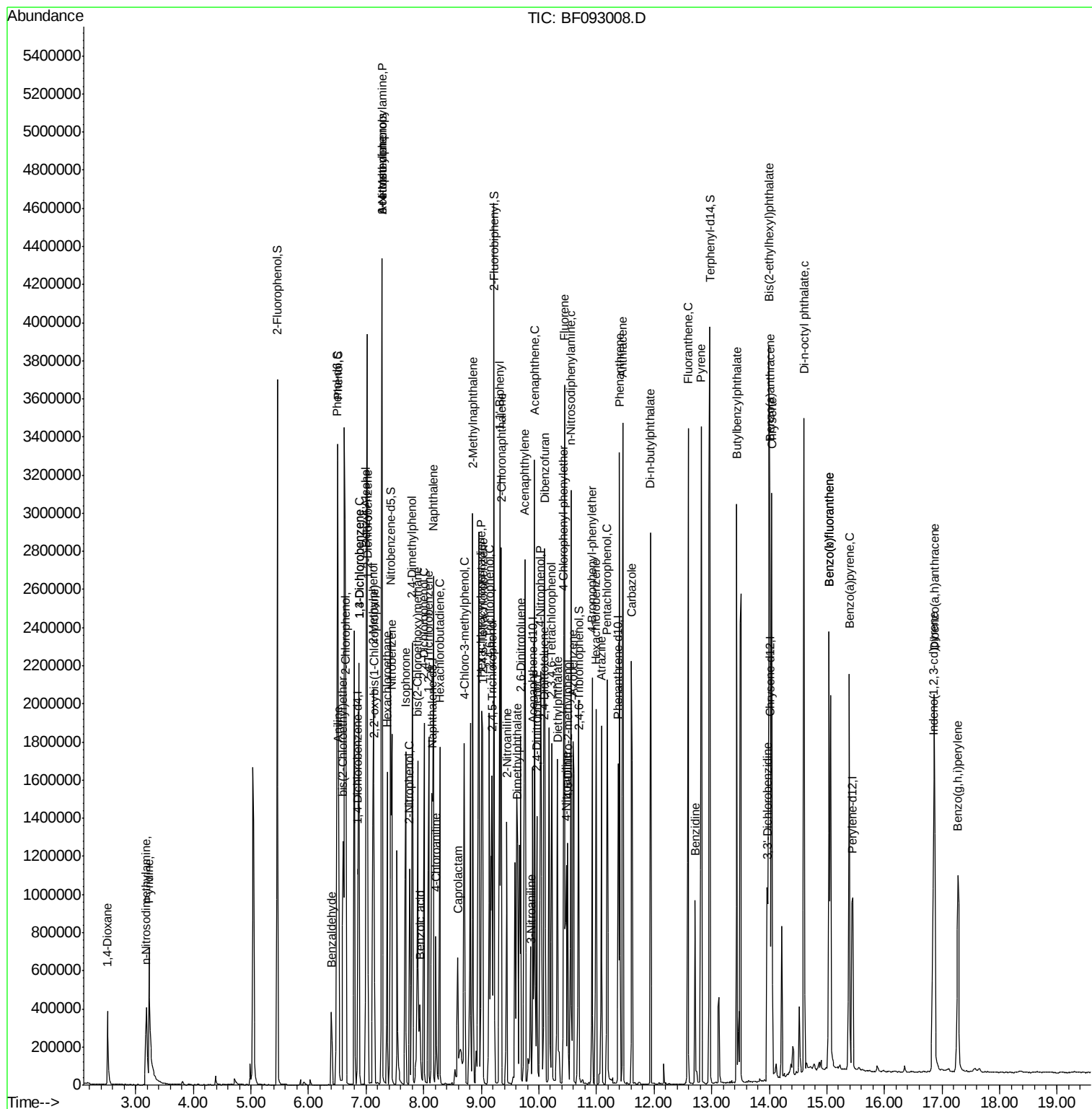
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	325147	47.18	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	300830	39.84	ng #	86
45) 1,1'-Biphenyl	9.32	154	1148892	42.46	ng	98
46) 2-Chloronaphthalene	9.34	162	897913	42.42	ng	98
47) 2-Nitroaniline	9.45	65	309906	43.55	ng #	71
48) Acenaphthylene	9.76	152	1313504	35.92	ng	99
49) Dimethylphthalate	9.63	163	1058051	42.04	ng	99
50) 2,6-Dinitrotoluene	9.69	165	244274	44.94	ng	93
51) Acenaphthene	9.93	154	877054	40.12	ng	96
52) 3-Nitroaniline	9.86	138	159084	25.57	ng #	70
53) 2,4-Dinitrophenol	9.96	184	219008	79.25	ng #	63
54) Dibenzofuran	10.10	168	1117971	38.23	ng	99
55) 4-Nitrophenol	10.03	139	351215	78.39	ng	92
56) 2,4-Dinitrotoluene	10.09	165	289116	39.95	ng	92
57) Fluorene	10.44	166	854795	38.00	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	250239	49.67	ng	95
59) Diethylphthalate	10.33	149	1023614	43.16	ng #	93
60) 4-Chlorophenyl-phenylether	10.43	204	406117	37.58	ng	97
61) 4-Nitroaniline	10.48	138	280958	44.10	ng	86
62) Azobenzene	10.59	77	1109516	45.28	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	158675	42.77	ng #	56
65) n-Nitrosodiphenylamine	10.56	169	791672	40.37	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	247489	38.59	ng	97
67) Hexachlorobenzene	10.99	284	247988	39.13	ng #	87
68) Atrazine	11.08	200	251786	40.01	ng	99
69) Pentachlorophenol	11.19	266	279967	85.07	ng	97
70) Phenanthrene	11.40	178	1271589	36.16	ng	99
71) Anthracene	11.46	178	1506312	42.65	ng	99
72) Carbazole	11.61	167	1298327	38.46	ng	99
73) Di-n-butylphthalate	11.94	149	1456839	39.90	ng	98
74) Fluoranthene	12.59	202	1393773	38.42	ng	98
76) Benzidine	12.72	184	520108	23.21	ng	96
77) Pyrene	12.82	202	1395282	35.46	ng	99
79) Butylbenzylphthalate	13.44	149	711090	44.50	ng	89
80) Benzo(a)anthracene	14.01	228	1171391	36.42	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	314459	27.43	ng #	95
82) Chrysene	14.04	228	1066577	35.42	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	930251	42.57	ng #	96
84) Di-n-octyl phthalate	14.60	149	1627499	45.73	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	1081157	46.36	ng	94
87) Benzo(b)fluoranthene	15.04	252	1197101	37.73	ng	99
88) Benzo(k)fluoranthene	15.04	252	1197101	43.70	ng	98
89) Benzo(a)pyrene	15.39	252	1123322	40.93	ng	98
90) Dibenzo(a,h)anthracene	16.87	278	885481	39.92	ng #	95
91) Benzo(g,h,i)perylene	17.28	276	891506	39.79	ng #	89

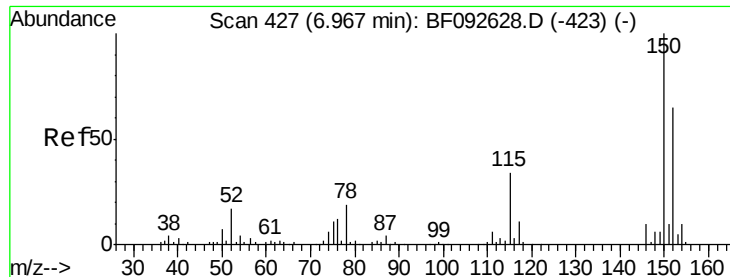
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 5 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

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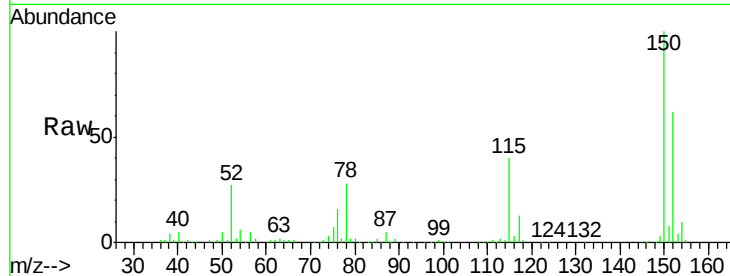
Tgt Ion:152 Resp: 167061

Ion Ratio Lower Upper

152 100

150 161.4 124.9 187.3

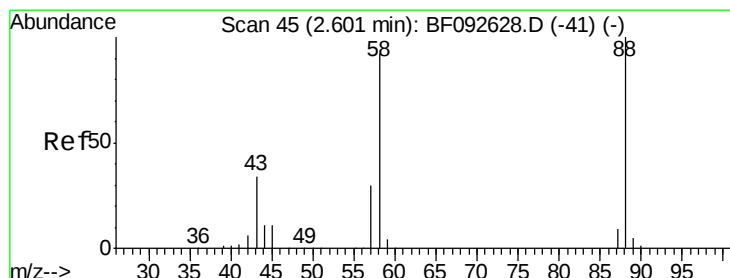
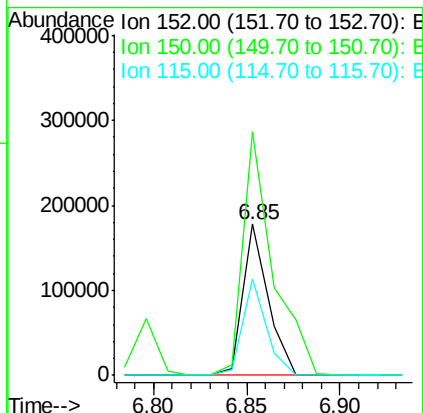
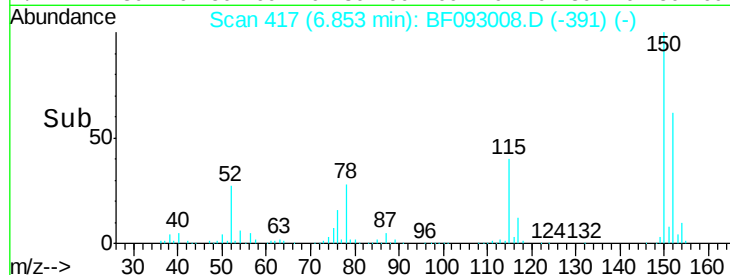
115 64.0 46.0 69.0



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: 33.85 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.08 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

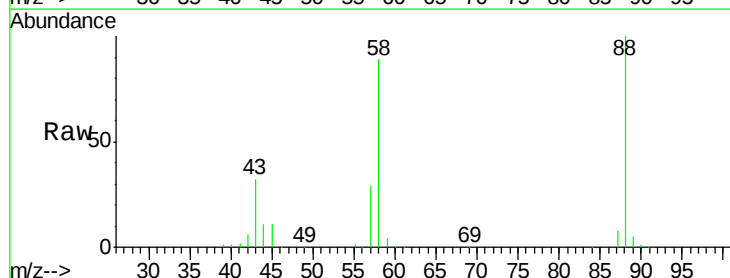
Tgt Ion: 88 Resp: 178095

Ion Ratio Lower Upper

88 100

58 87.4 57.8 86.8#

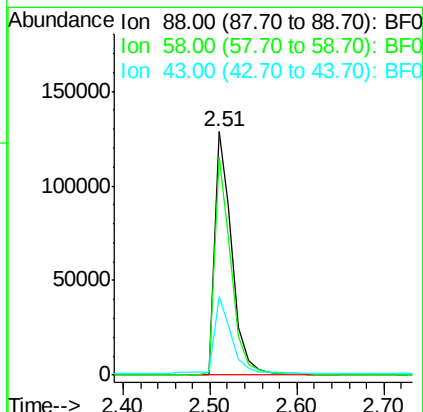
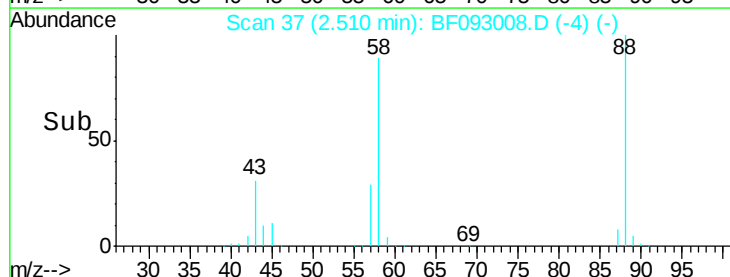
43 30.7 22.3 33.5

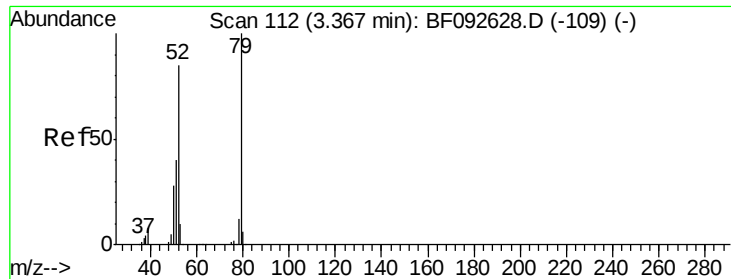


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.22 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.08 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

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PB97012BSD

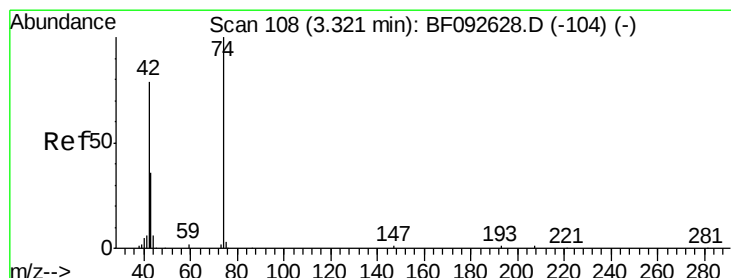
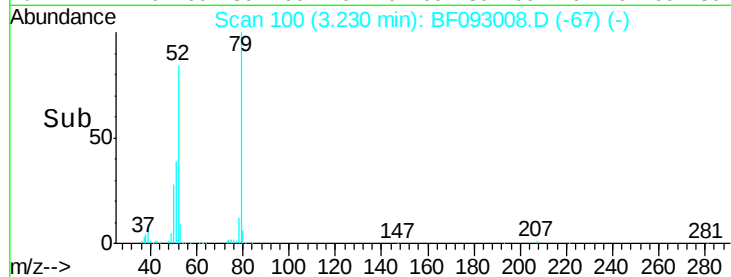
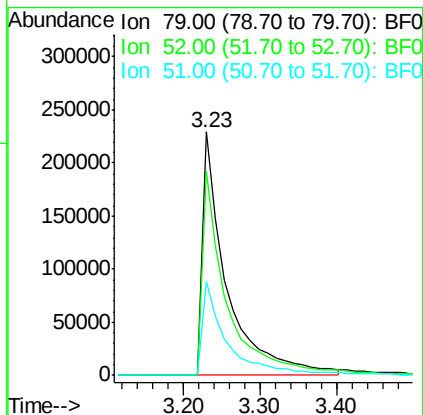
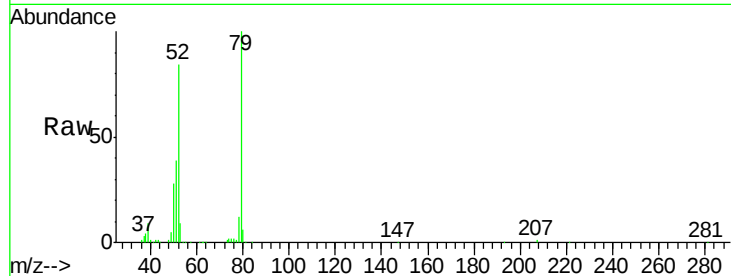
Tgt Ion: 79 Resp: 497921

Ion Ratio Lower Upper

79 100

52 83.7 57.1 85.7

51 38.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.01 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

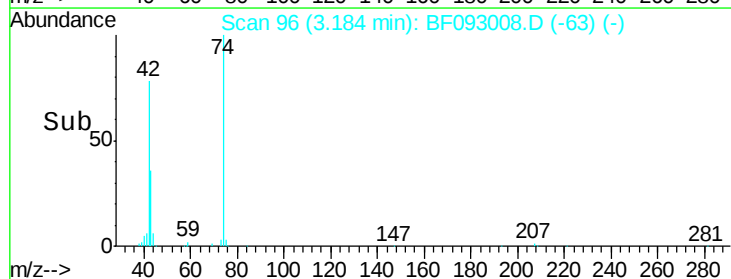
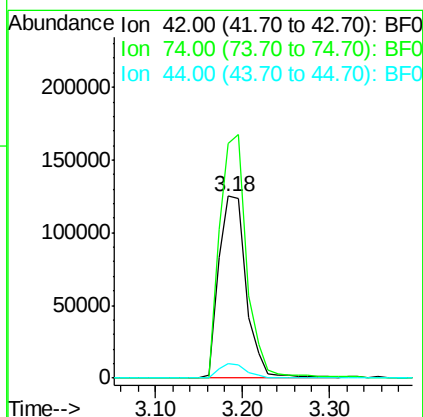
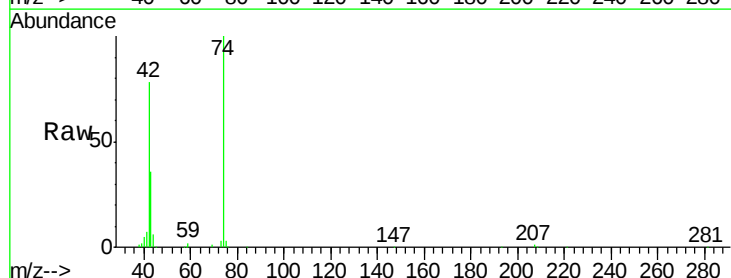
Tgt Ion: 42 Resp: 276499

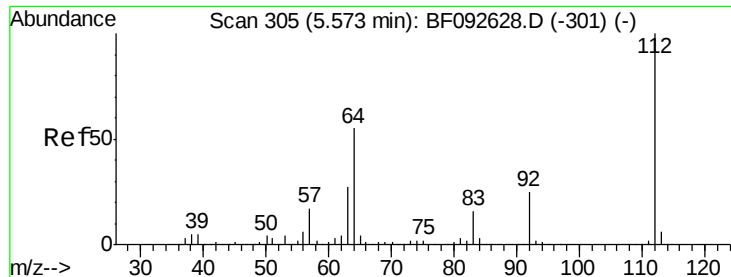
Ion Ratio Lower Upper

42 100

74 128.7 117.0 175.4

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 127.30 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

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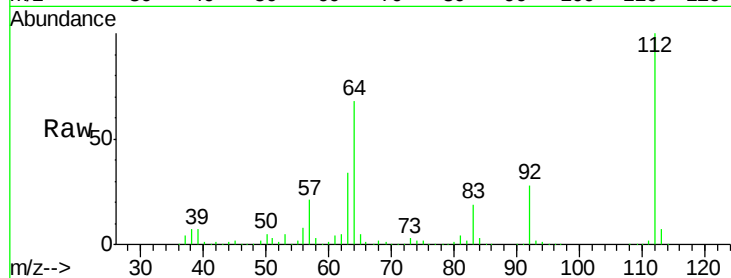
Tgt Ion: 112 Resp: 1239609

Ion Ratio Lower Upper

112 100

64 67.9 46.1 69.1

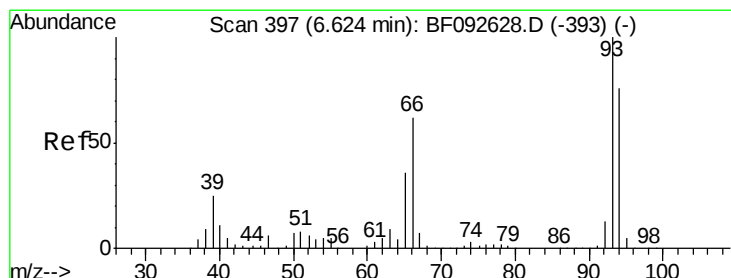
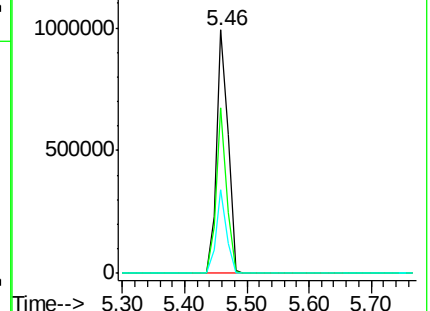
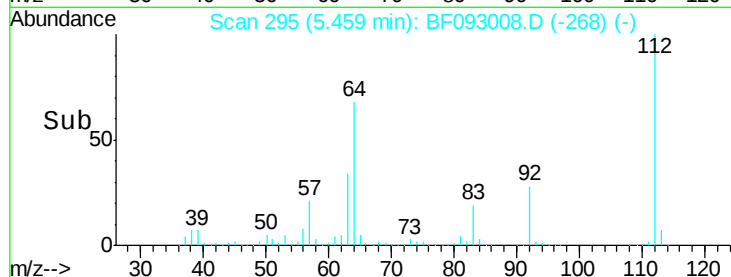
63 34.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.18 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

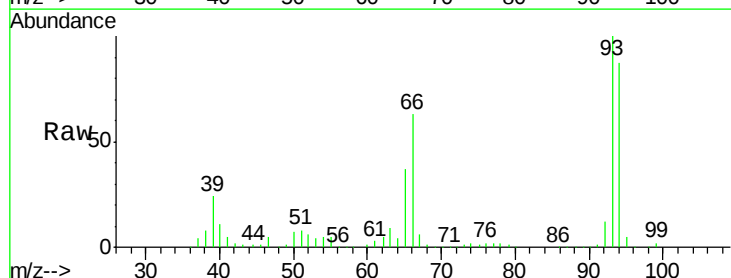
Tgt Ion: 93 Resp: 464565

Ion Ratio Lower Upper

93 100

66 62.5 76.2 114.2#

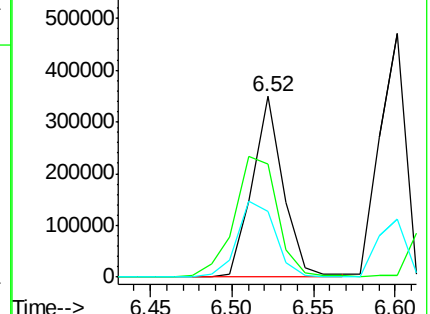
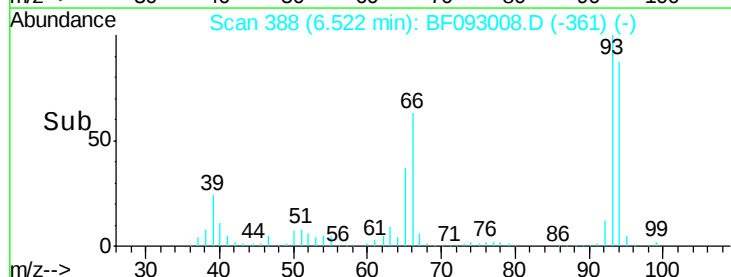
65 36.7 49.3 73.9#

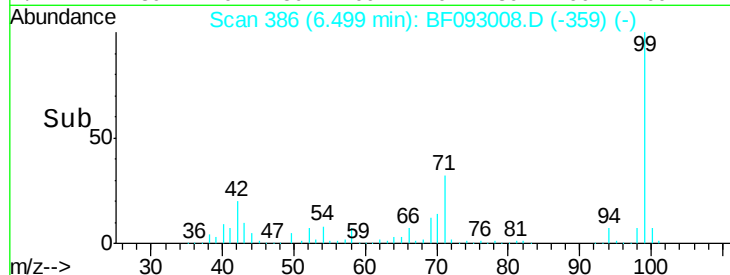
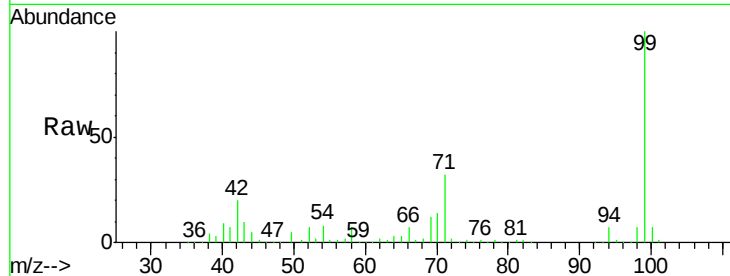
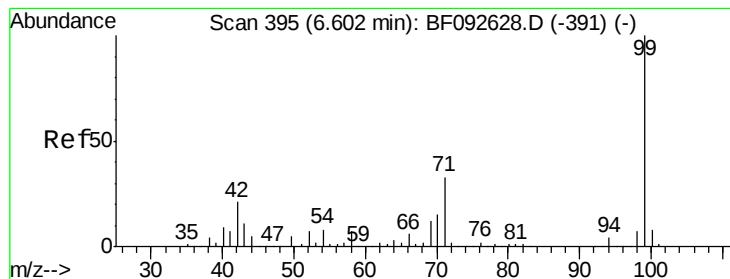


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.35 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

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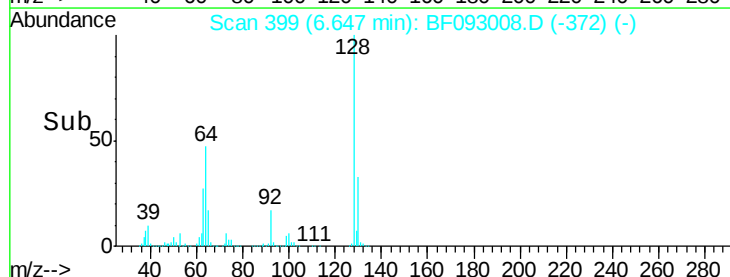
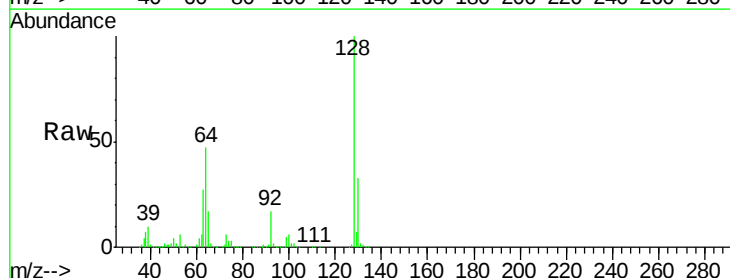
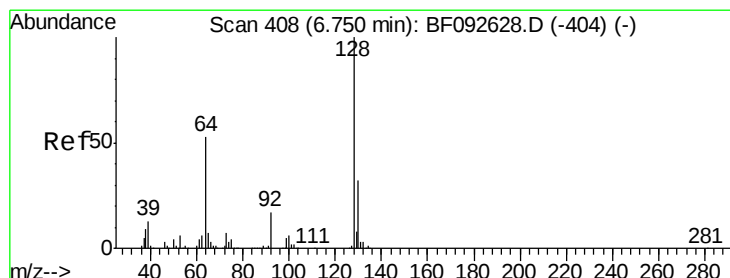
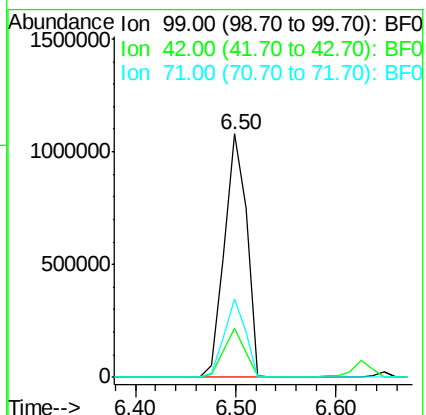
Tgt Ion: 99 Resp: 1658255

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

71 32.5 27.5 41.3



#8

2-Chlorophenol

Concen: 46.20 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

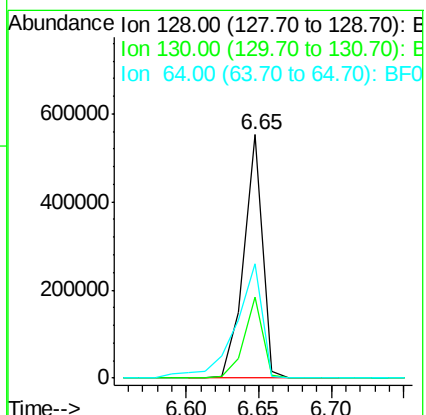
Tgt Ion: 128 Resp: 496291

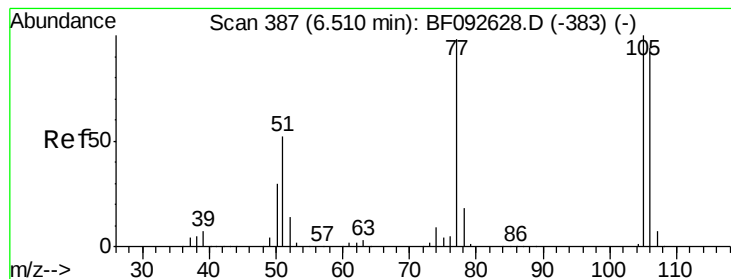
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 47.0 32.2 72.2





#9

Benzaldehyde

Concen: 10.51 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF093008.D

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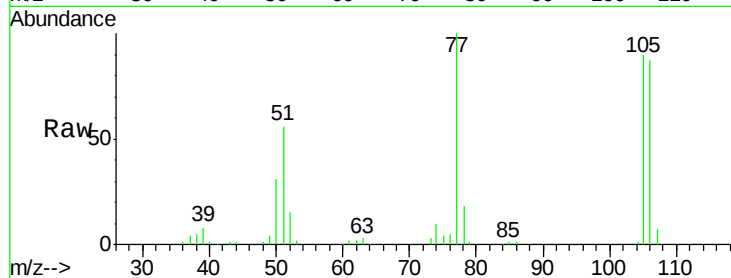
Tgt Ion: 77 Resp: 94328

Ion Ratio Lower Upper

77 100

105 90.5 83.9 123.9

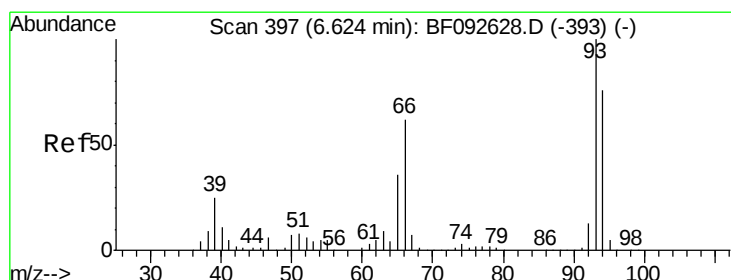
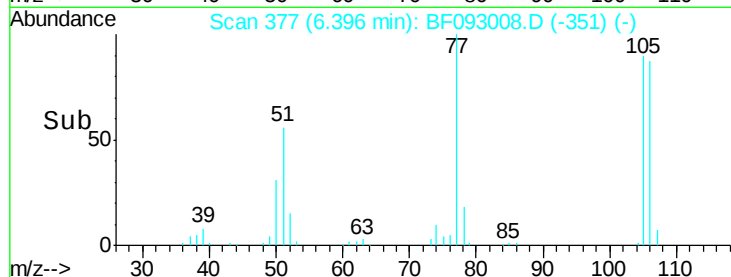
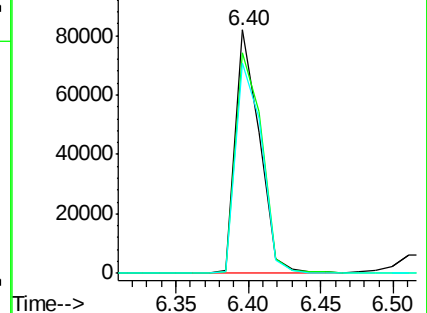
106 86.5 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.03 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

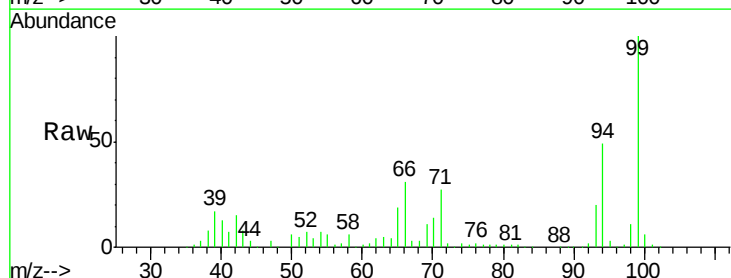
Tgt Ion: 94 Resp: 528128

Ion Ratio Lower Upper

94 100

65 39.5 21.4 61.4

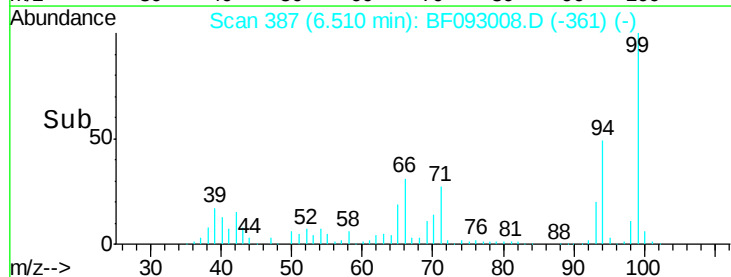
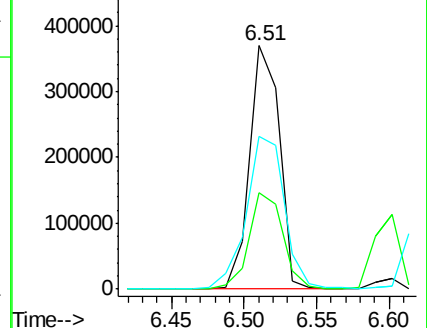
66 63.0 44.0 84.0

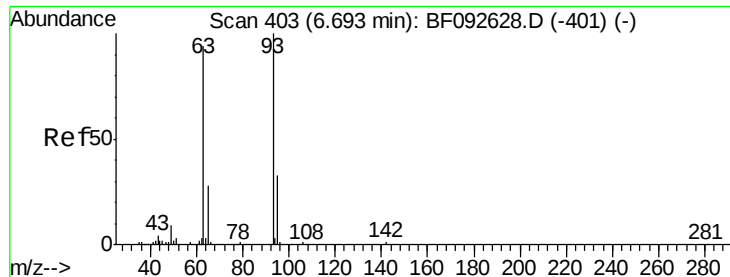


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.20 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

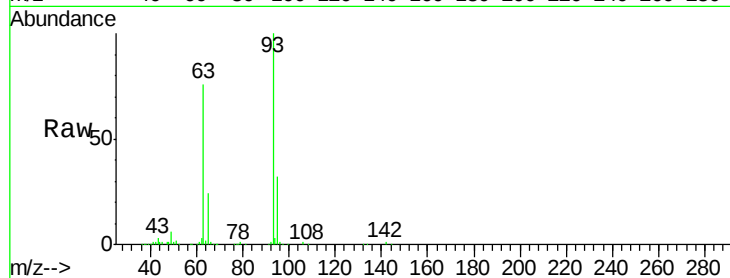
Tgt Ion: 93 Resp: 517205

Ion Ratio Lower Upper

93 100

63 76.3 60.4 100.4

95 32.4 12.8 52.8



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

600000

500000

400000

300000

200000

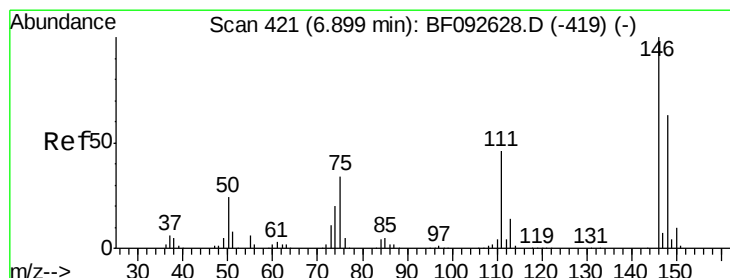
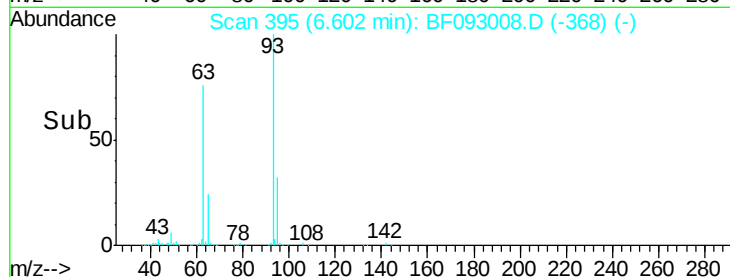
100000

0

6.55

6.60

Time-->



#12

1,3-Dichlorobenzene

Concen: 44.11 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.08 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

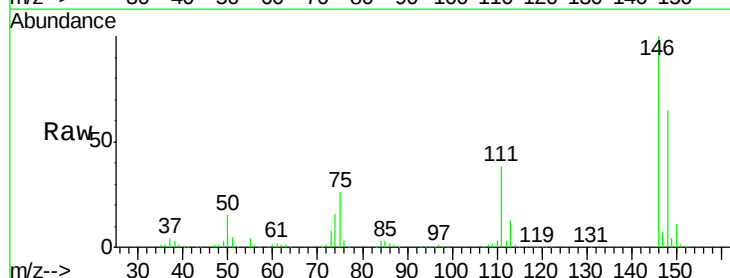
Tgt Ion: 146 Resp: 555039

Ion Ratio Lower Upper

146 100

148 64.8 53.4 80.0

75 26.0 18.5 27.7



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

800000

600000

400000

200000

0

6.80

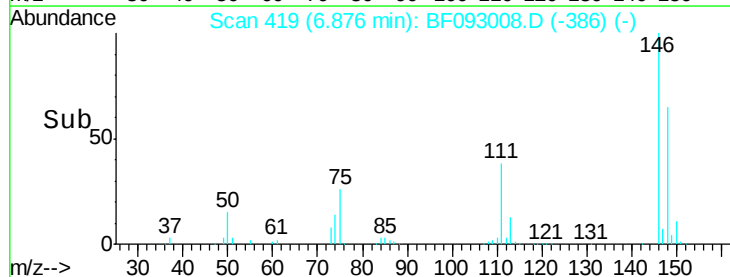
6.88

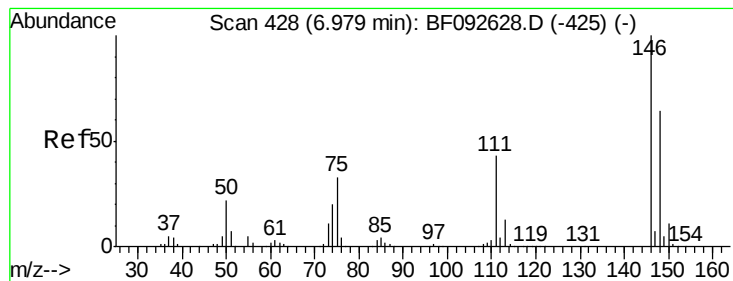
6.90

6.95

7.00

Time-->





#13

1,4-Dichlorobenzene

Concen: 43.58 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

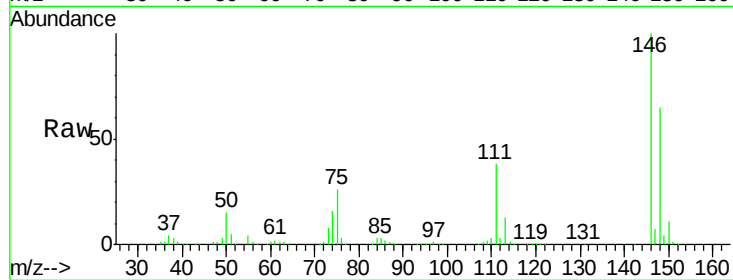
Tgt Ion:146 Resp: 555039

Ion Ratio Lower Upper

146 100

148 64.8 50.6 76.0

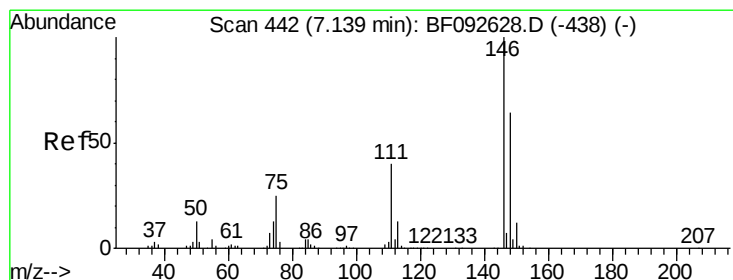
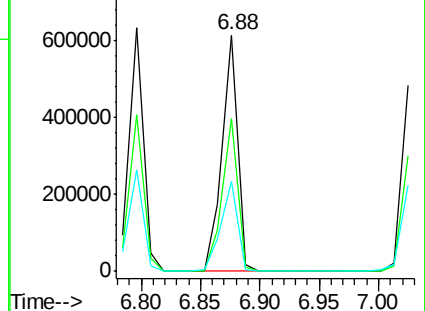
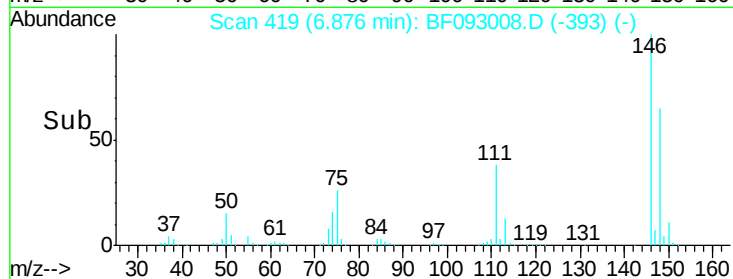
111 38.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.82 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

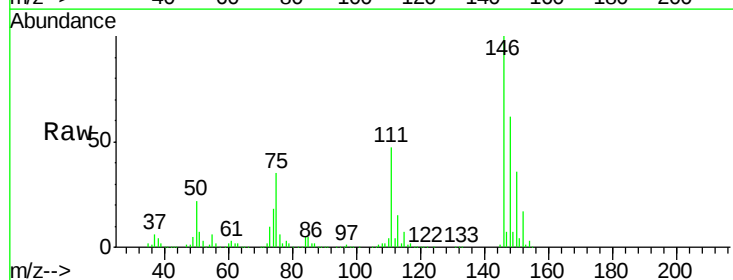
Tgt Ion:146 Resp: 472694

Ion Ratio Lower Upper

146 100

148 61.9 52.2 78.2

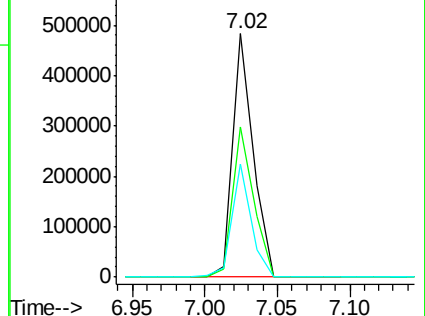
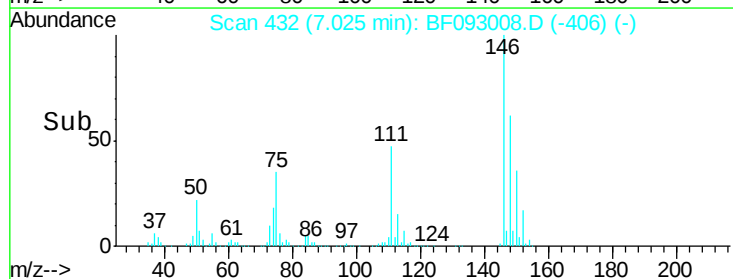
111 46.6 36.2 54.2

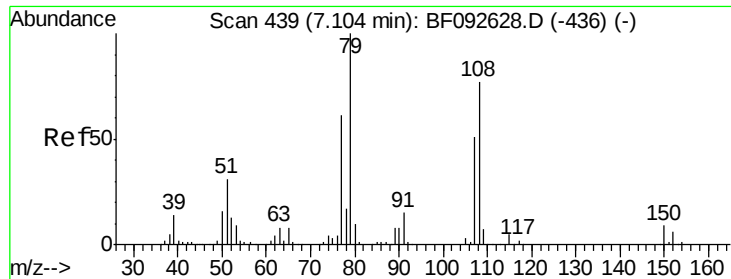


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

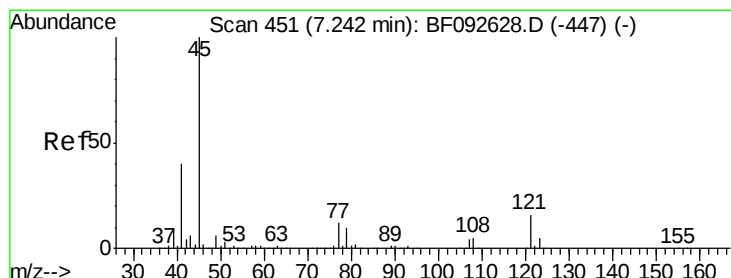
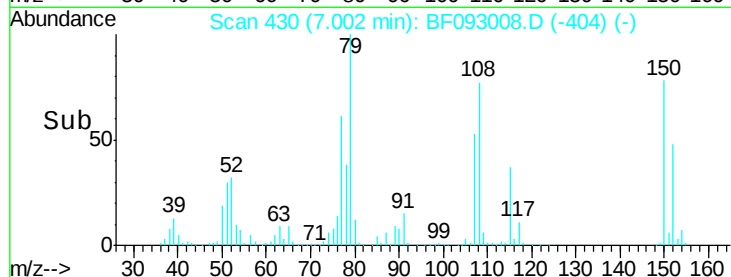
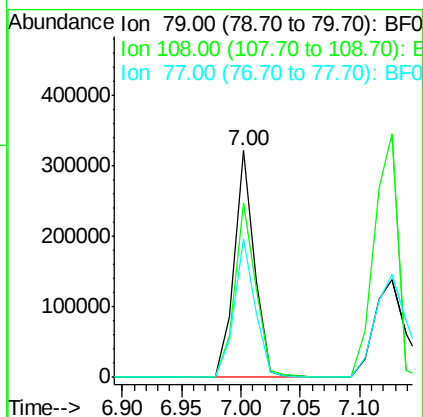
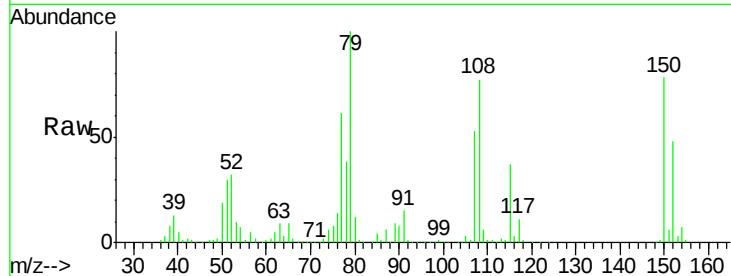




#15
Benzyl Alcohol
Concen: 41.42 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

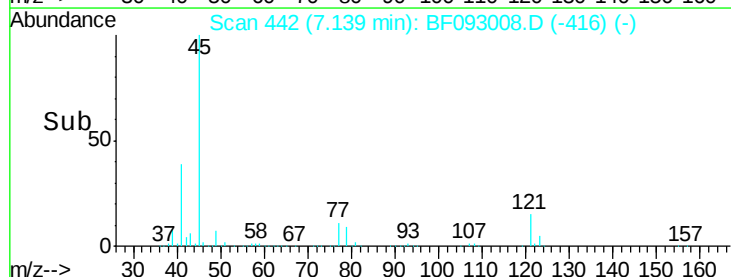
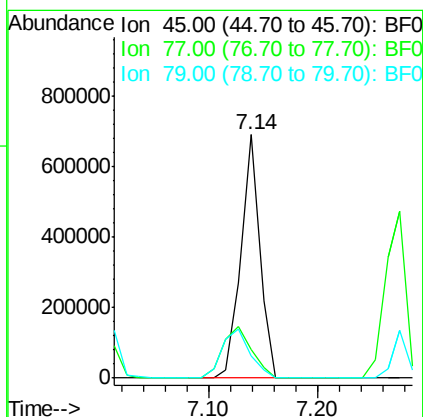
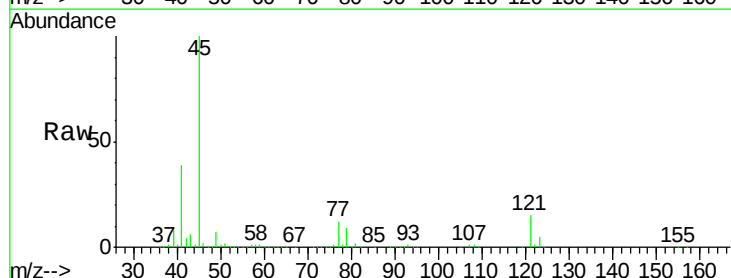
Instrument :
BNA_F
ClientSampleId :
PB97012BSD

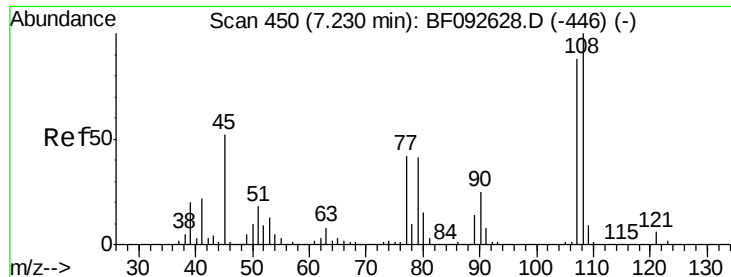
Tgt Ion: 79 Resp: 384166
Ion Ratio Lower Upper
79 100
108 76.9 61.4 92.0
77 61.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.72 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion: 45 Resp: 827668
Ion Ratio Lower Upper
45 100
77 11.5 0.0 34.6
79 9.0 0.0 31.2

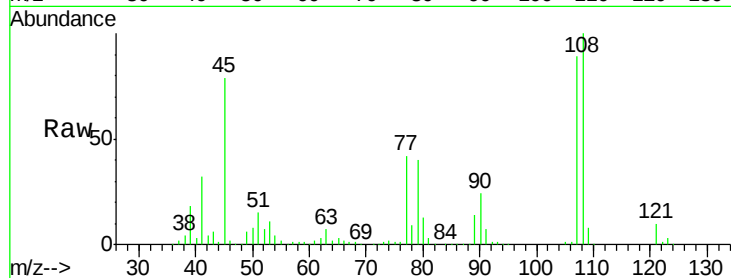




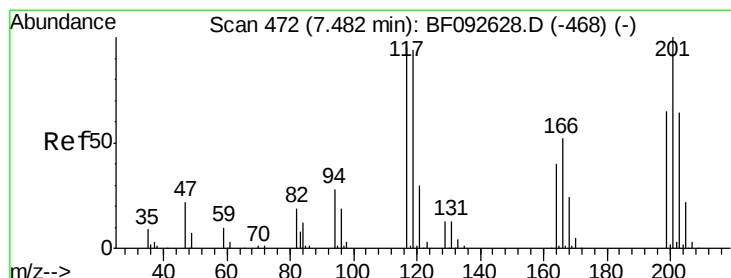
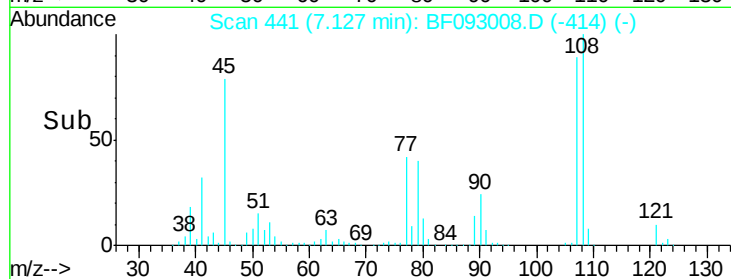
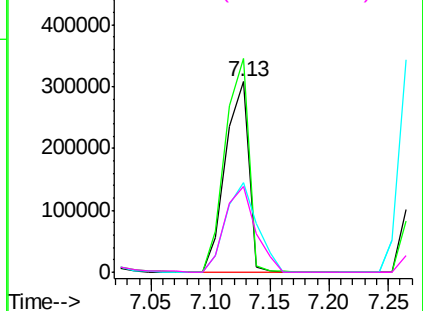
#17
2-Methylphenol
Concen: 45.69 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion:107 Resp: 421054
Ion Ratio Lower Upper
107 100
108 112.3 93.0 139.6
77 47.3 39.8 59.8
79 44.9 38.0 57.0

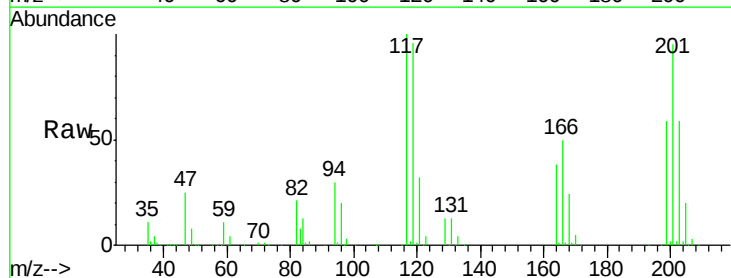


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

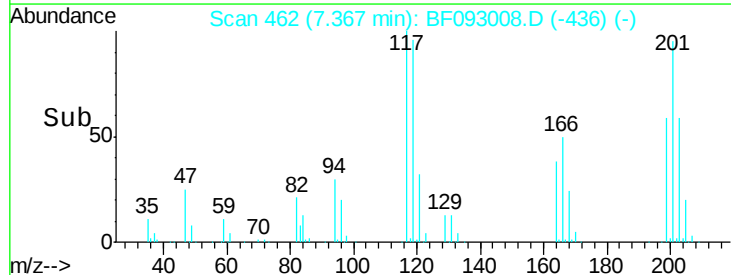
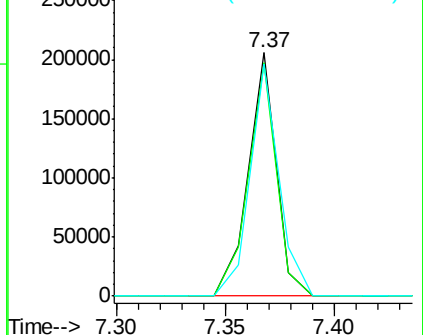


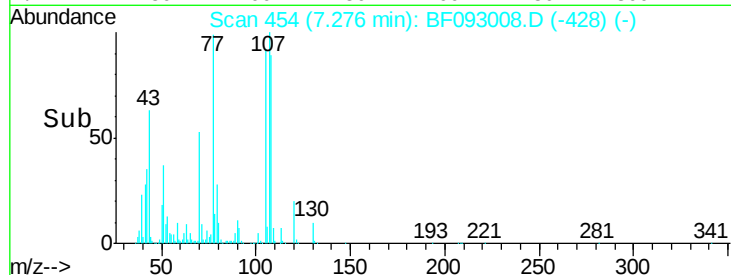
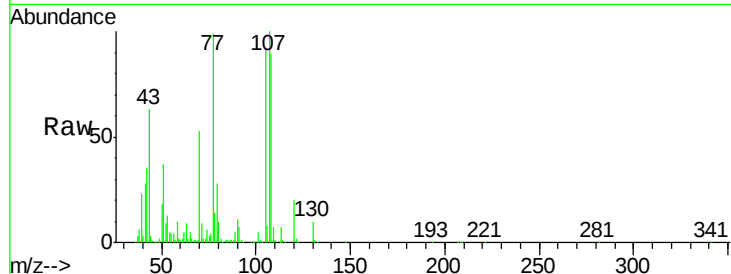
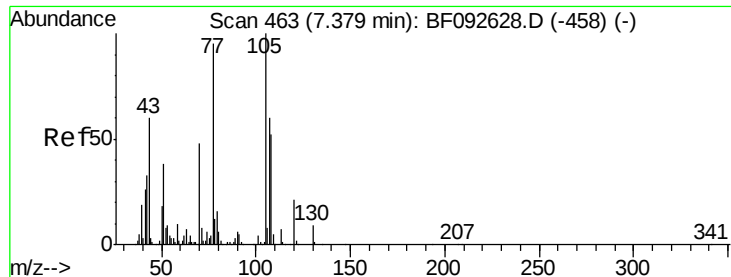
#18
Hexachloroethane
Concen: 42.37 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:117 Resp: 184198
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1
201 95.2 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

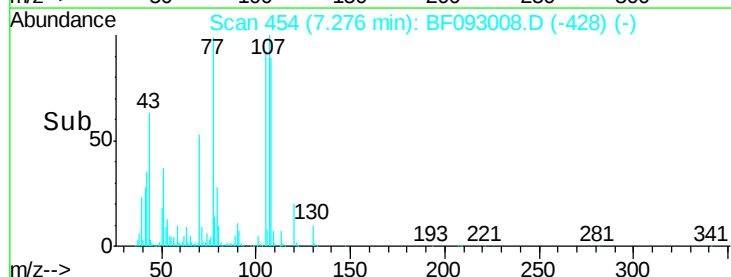
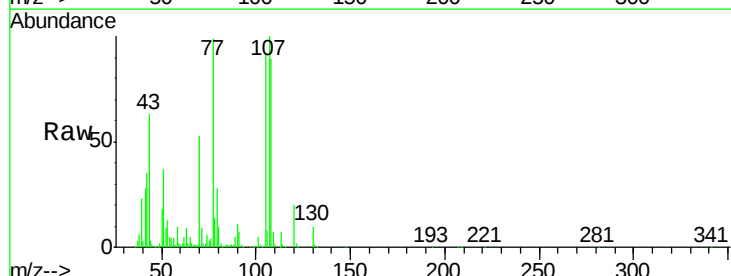
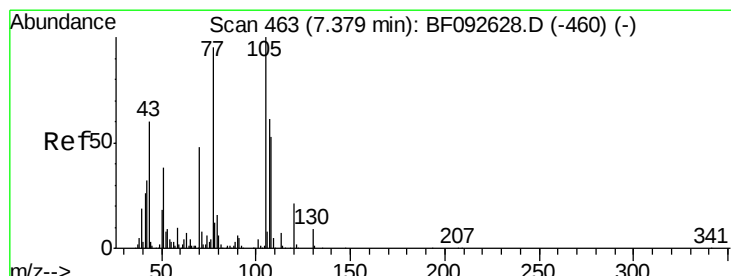
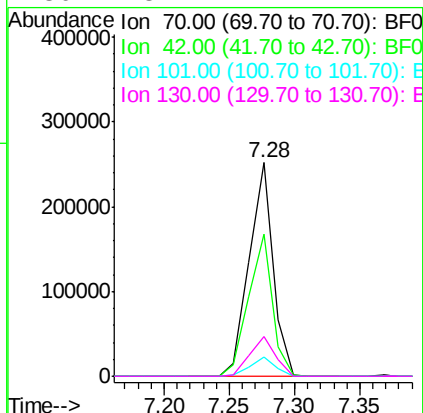




#19
n-Nitroso-di-n-propylamine
Concen: 40.46 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

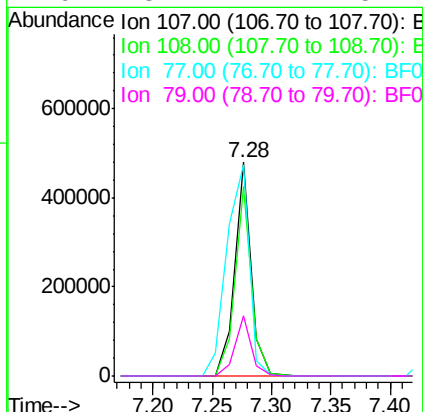
Instrument :
BNA_F
ClientSampleId :
PB97012BSD

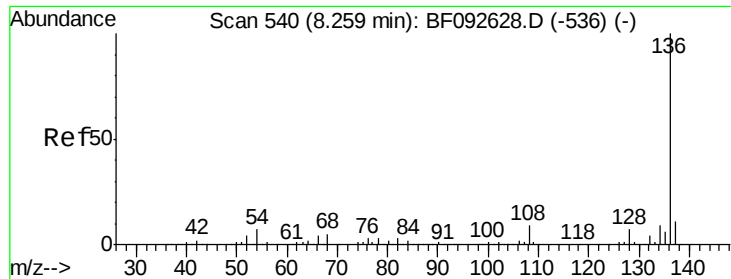
Tgt Ion:	70	Resp:	322729
Ion	Ratio	Lower	Upper
70	100		
42	66.7	49.4	74.0
101	9.0	7.4	11.2
130	18.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.12 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:	107	Resp:	464162
Ion	Ratio	Lower	Upper
107	100		
108	89.0	73.0	113.0
77	99.1	71.3	111.3
79	28.2	11.1	51.1

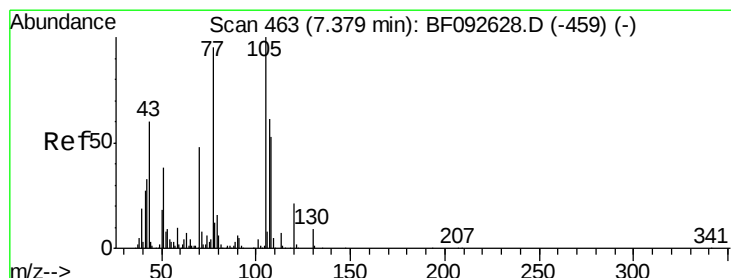
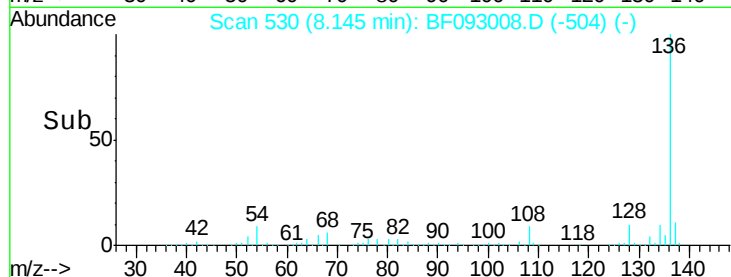
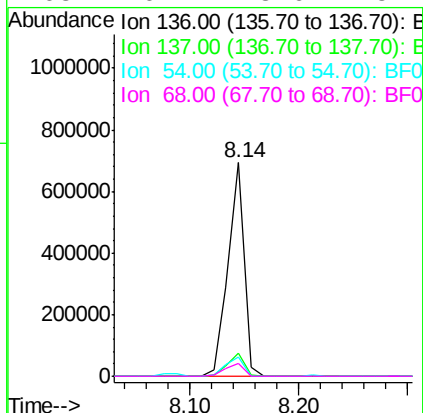
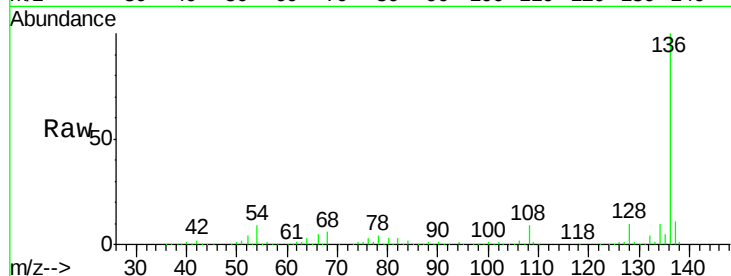




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

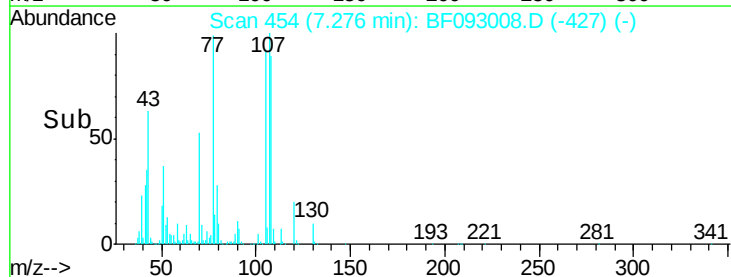
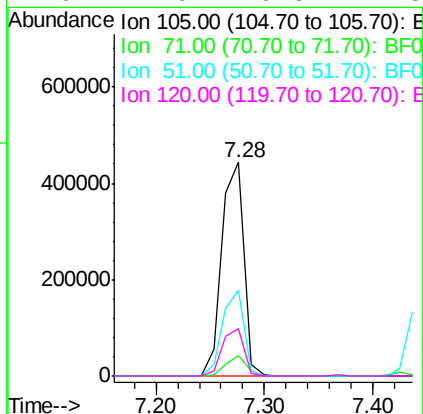
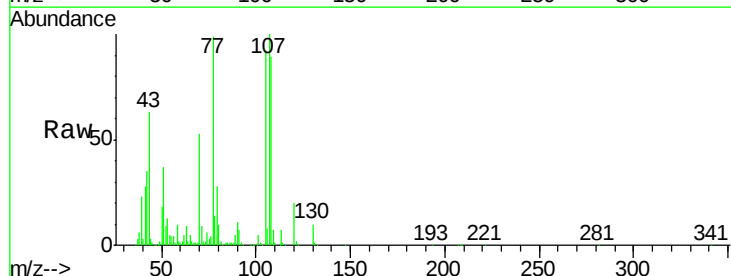
Instrument :
BNA_F
ClientSampleId :
PB97012BSD

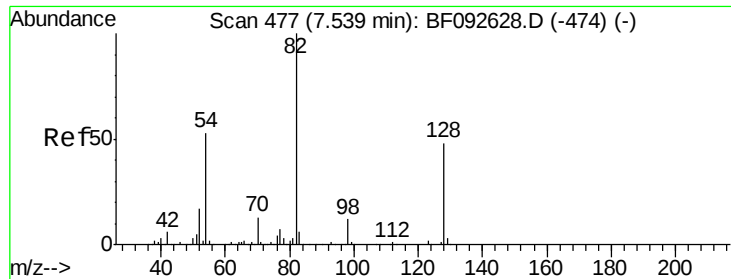
Tgt Ion:	136	Resp:	708510
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.8	4.5	6.7#
68	6.2	3.6	5.4#



#22
Acetophenone
Concen: 38.53 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:	105	Resp:	623360
Ion	Ratio	Lower	Upper
105	100		
71	9.4	3.2	4.8#
51	40.3	26.2	39.4#
120	22.0	16.6	24.8

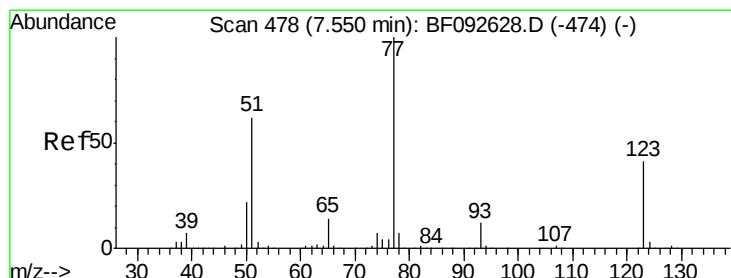
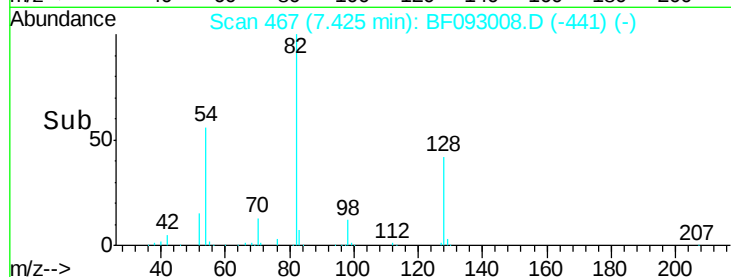
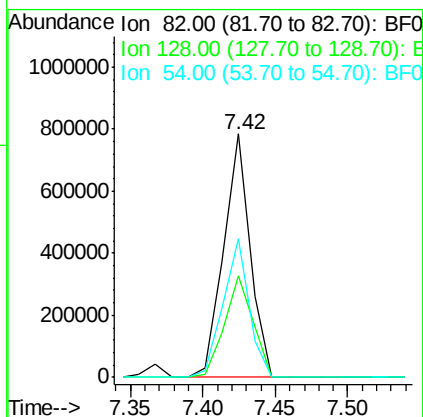
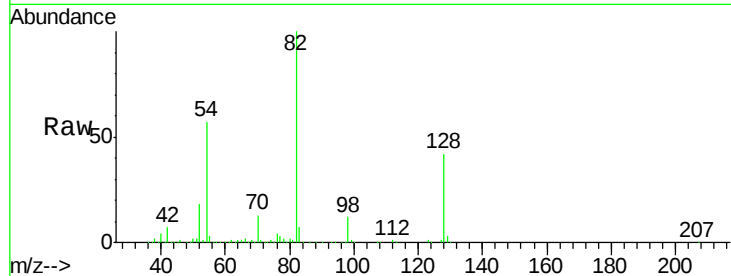




#23
Nitrobenzene-d5
Concen: 78.10 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

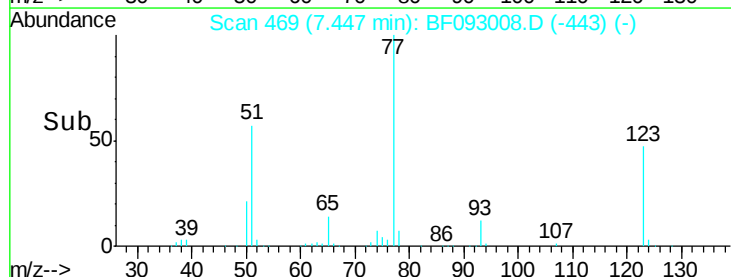
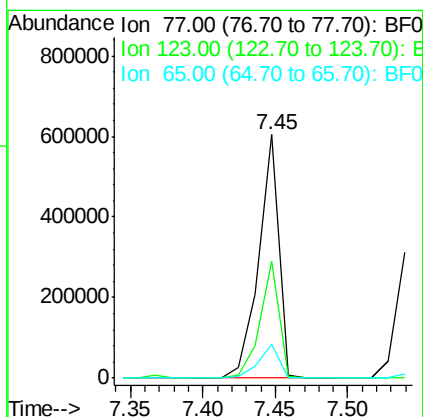
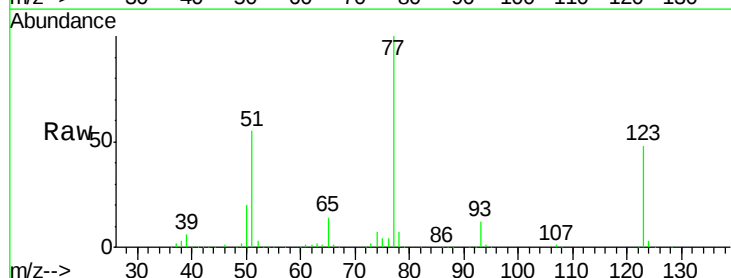
Instrument :
BNA_F
ClientSampleId :
PB97012BSD

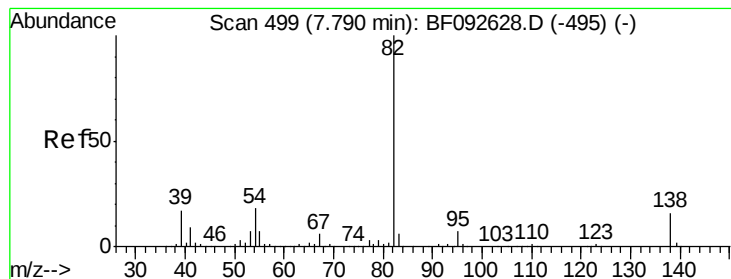
Tgt Ion: 82 Resp: 993632
Ion Ratio Lower Upper
82 100
128 41.9 34.6 52.0
54 57.2 39.5 59.3



#24
Nitrobenzene
Concen: 44.56 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion: 77 Resp: 582107
Ion Ratio Lower Upper
77 100
123 47.9 33.0 49.4
65 13.6 11.2 16.8





#25

Isophorone

Concen: 41.55 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

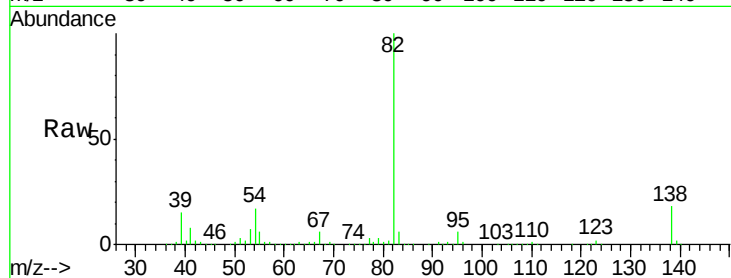
Tgt Ion: 82 Resp: 984980

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

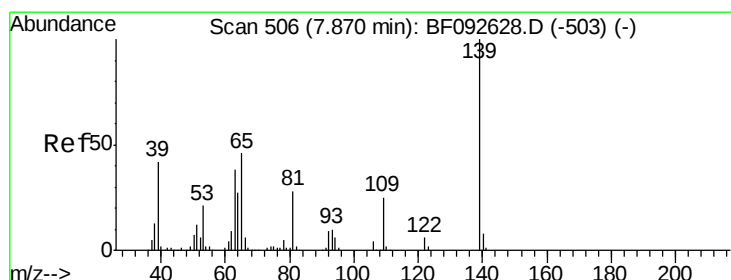
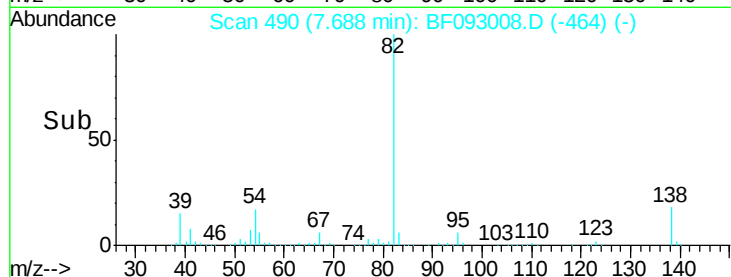
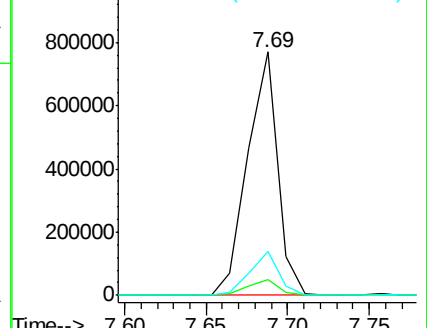
138 18.0 14.6 22.0



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: 43.04 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

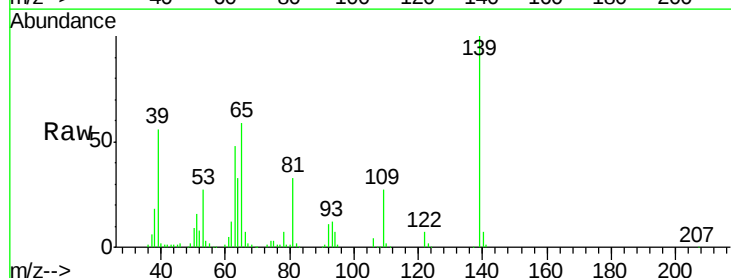
Tgt Ion: 139 Resp: 267298

Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

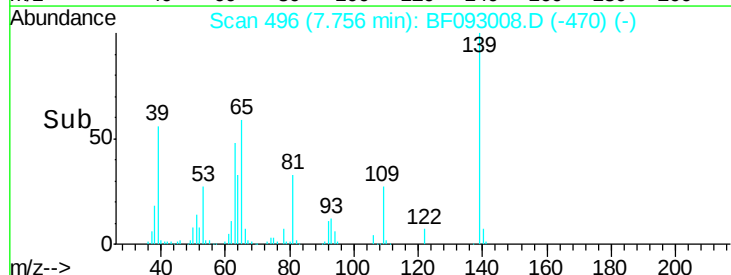
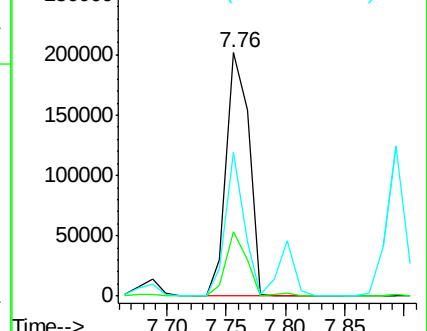
65 59.3 42.7 64.1

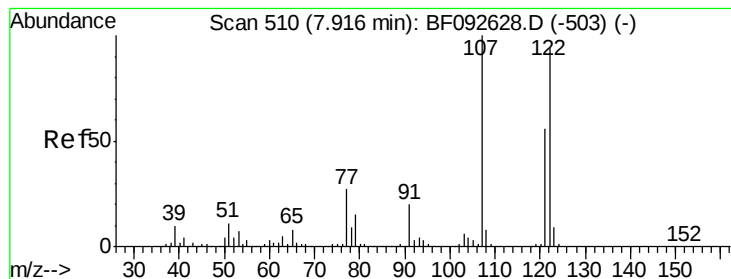


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.61 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

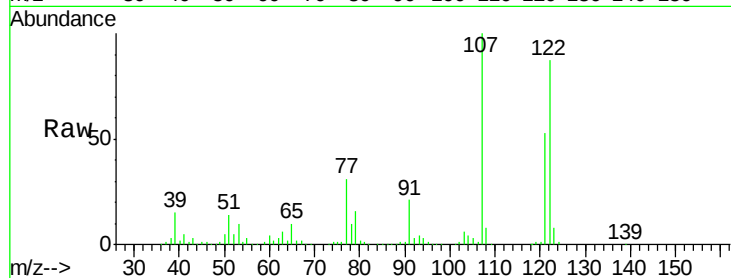
Tgt Ion:122 Resp: 442881

Ion Ratio Lower Upper

122 100

107 114.5 94.1 141.1

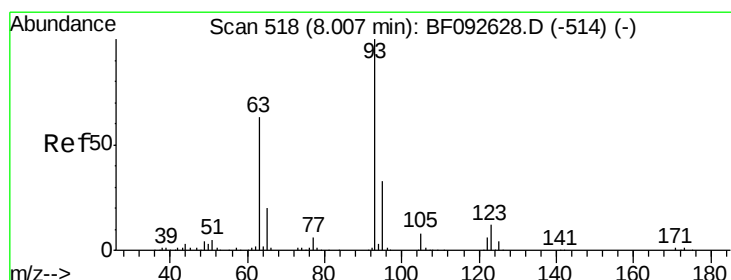
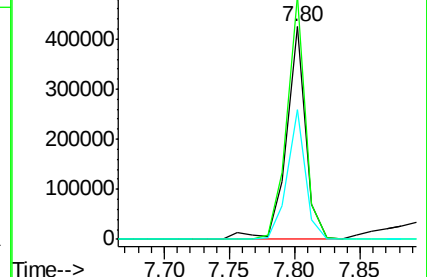
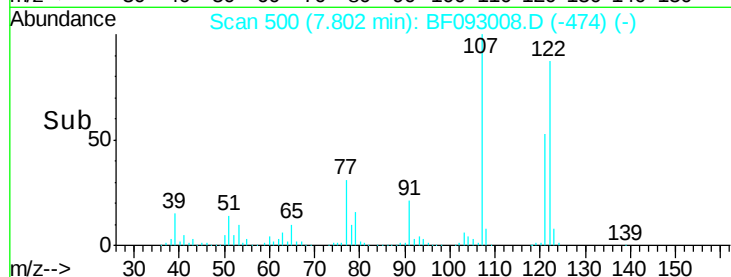
121 60.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.61 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

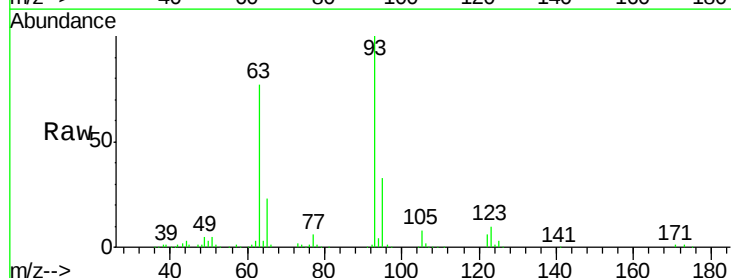
Tgt Ion: 93 Resp: 590569

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

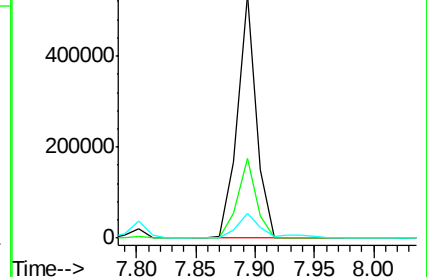
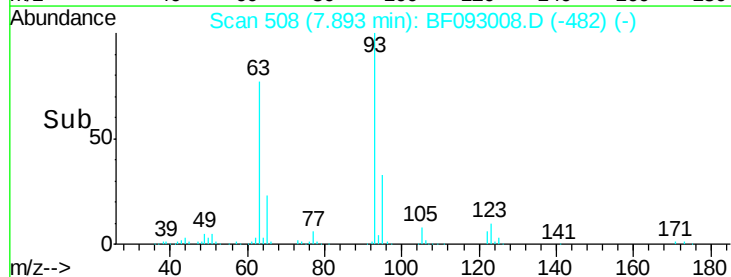
123 10.3 8.6 13.0

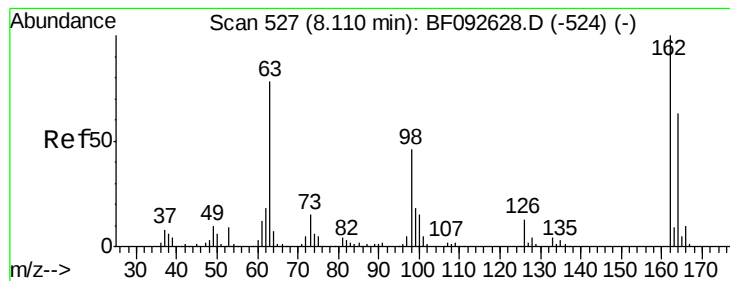


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.03 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

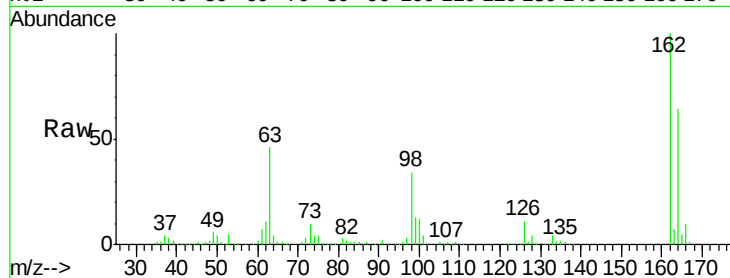
Tgt Ion:162 Resp: 447858

Ion Ratio Lower Upper

162 100

164 64.4 46.8 86.8

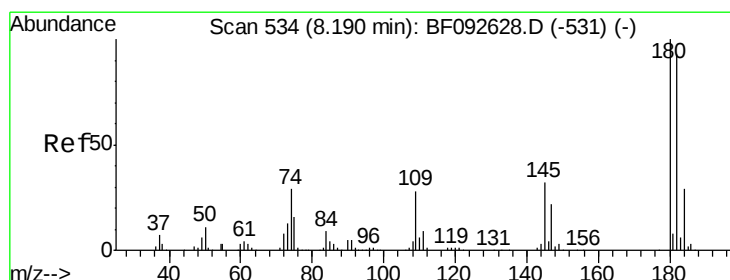
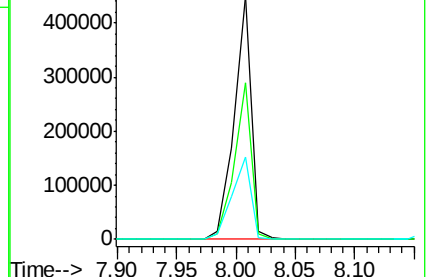
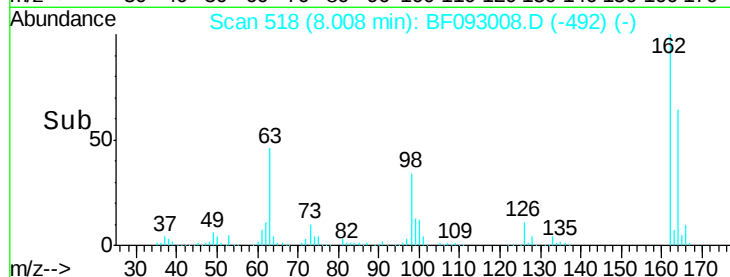
98 33.8 9.1 49.1



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: 40.56 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

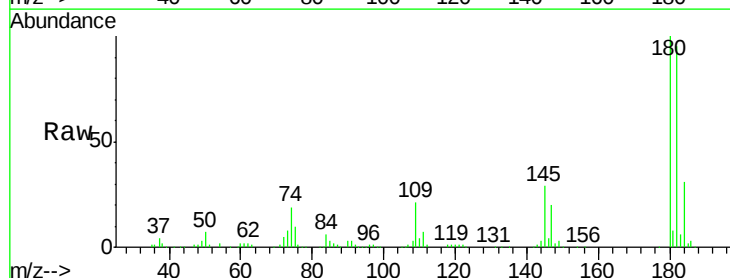
Tgt Ion:180 Resp: 444630

Ion Ratio Lower Upper

180 100

182 95.1 78.2 117.4

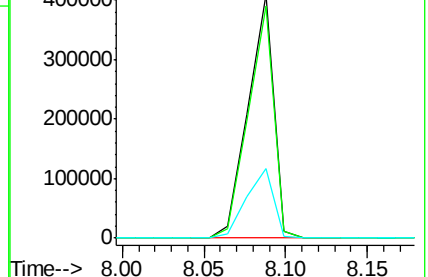
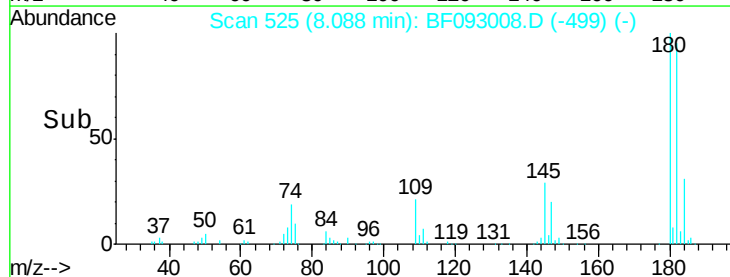
145 28.6 21.6 32.4

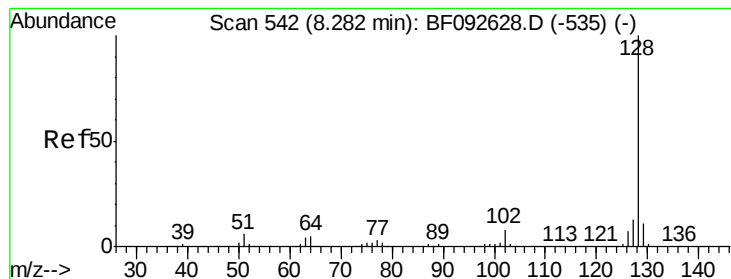


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.81 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

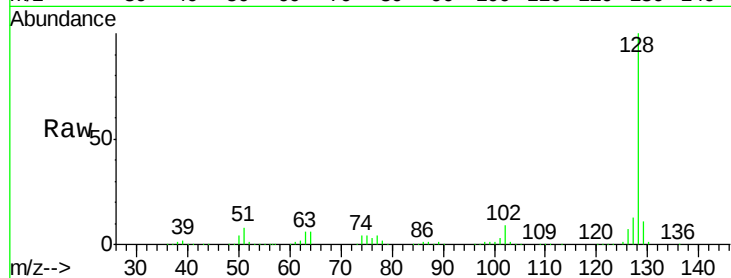
Tgt Ion:128 Resp: 1429940

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

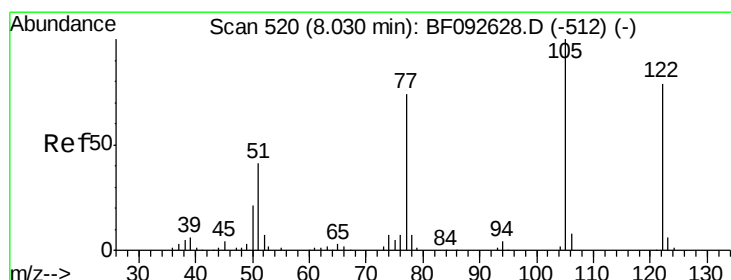
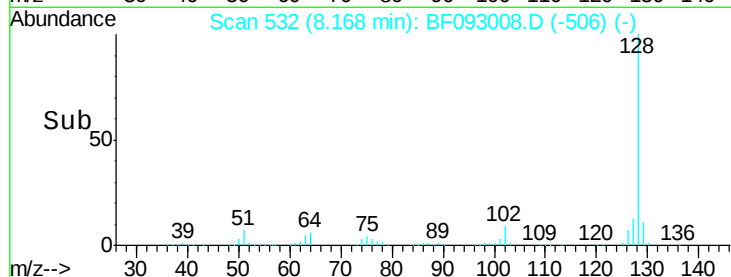
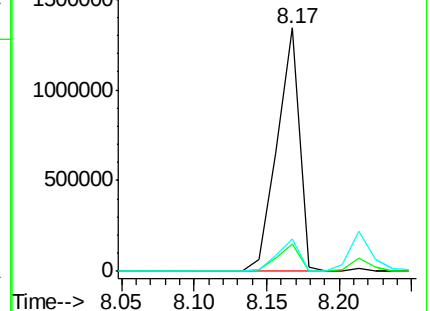
127 13.5 10.8 16.2



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: 44.01 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

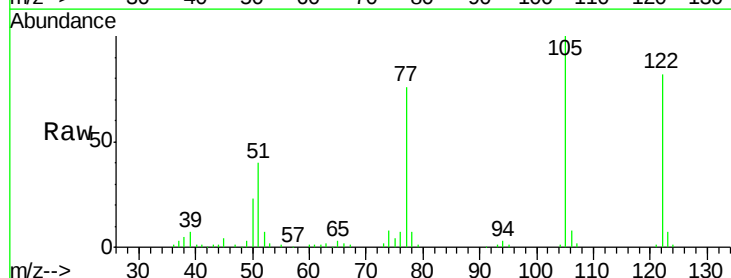
Tgt Ion:122 Resp: 267650

Ion Ratio Lower Upper

122 100

105 121.3 107.2 147.2

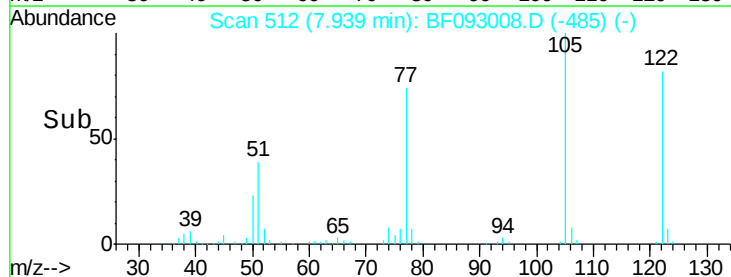
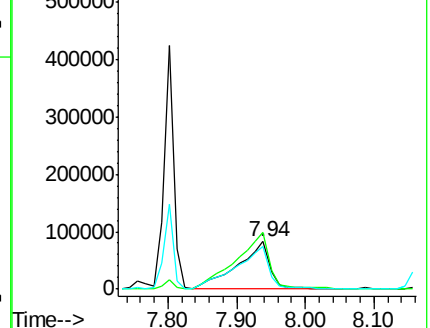
77 91.6 74.5 114.5

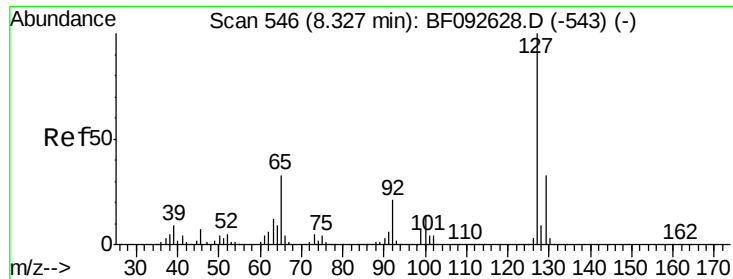


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

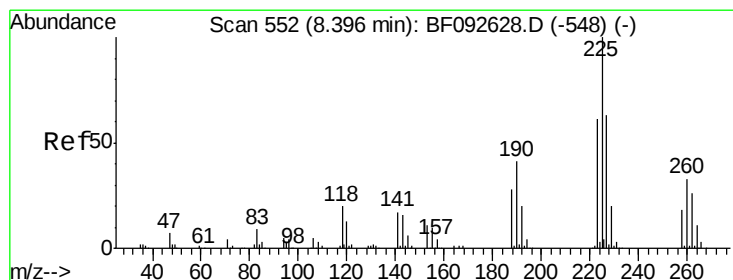
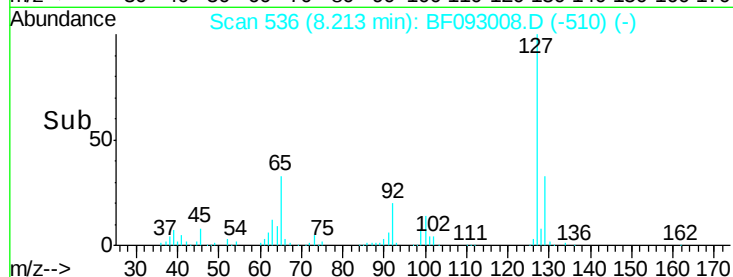
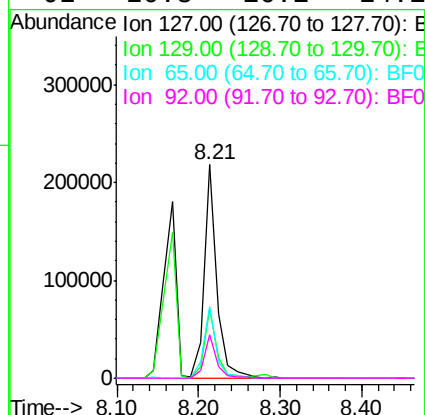
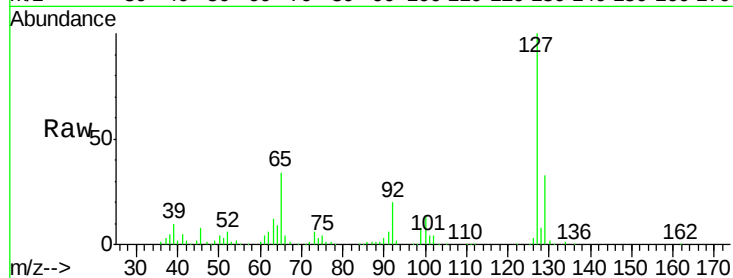




#33
4-Chloroaniline
Concen: 17.01 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

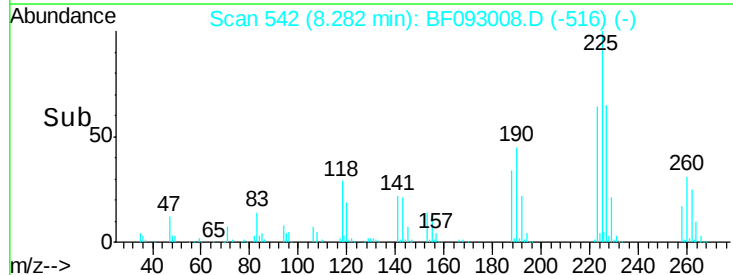
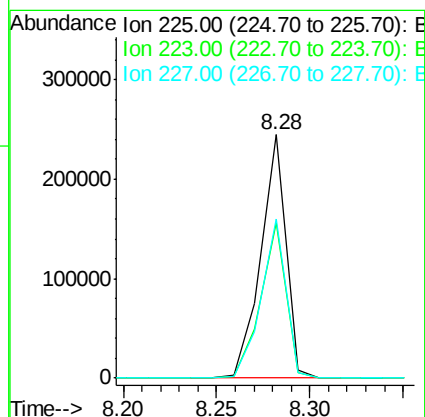
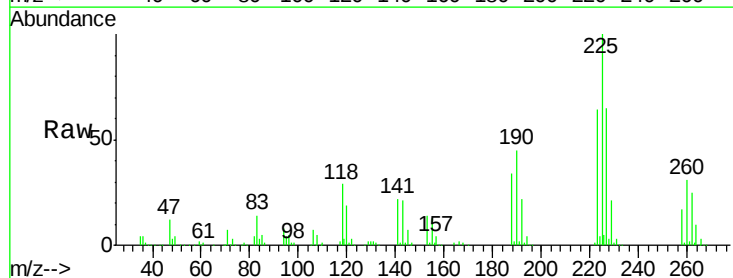
Instrument :
BNA_F
ClientSampleId :
PB97012BSD

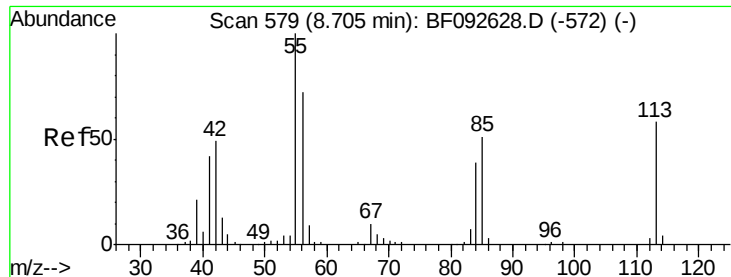
Tgt Ion:	127	Resp:	239621
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	33.8	25.8	38.8
92	20.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 37.71 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:	225	Resp:	227438
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	65.1	50.6	76.0

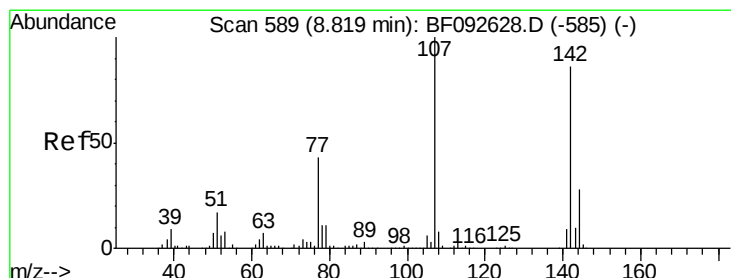
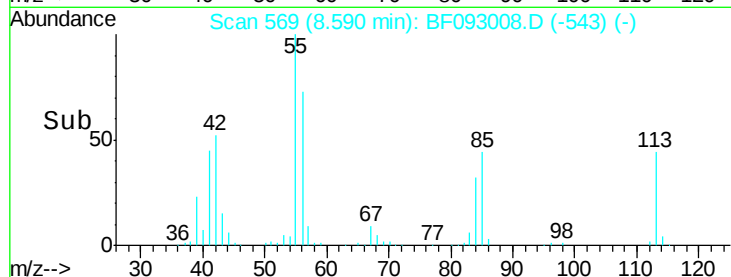
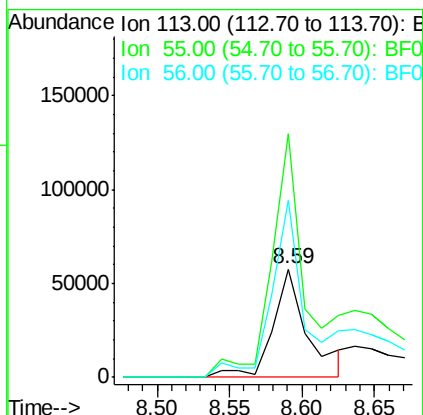
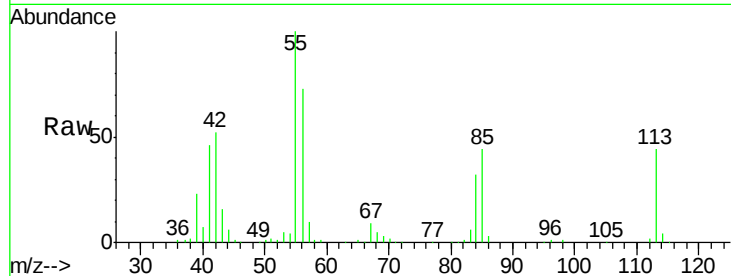




#35
 Caprolactam
 Concen: 30.05 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

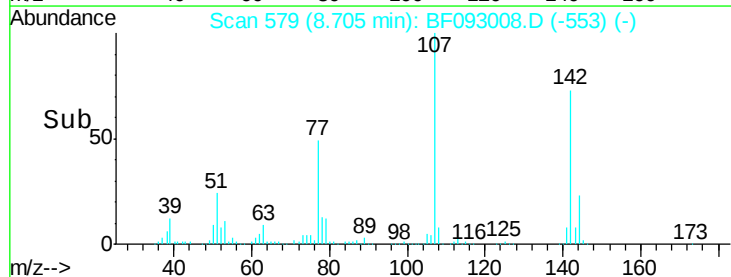
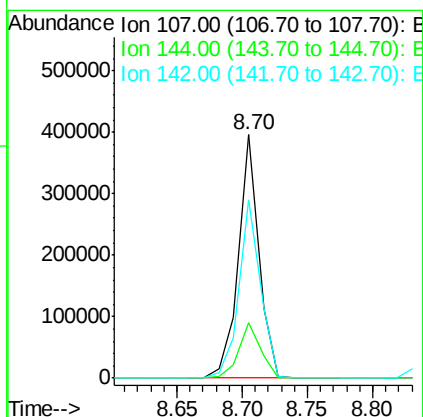
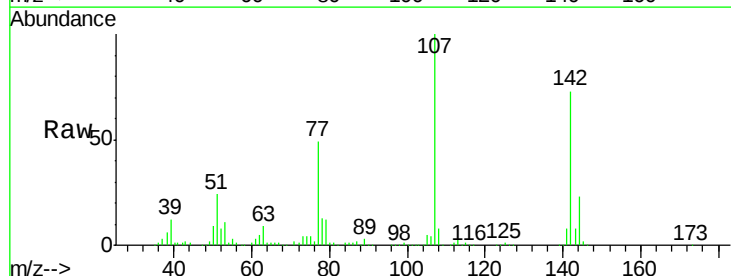
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

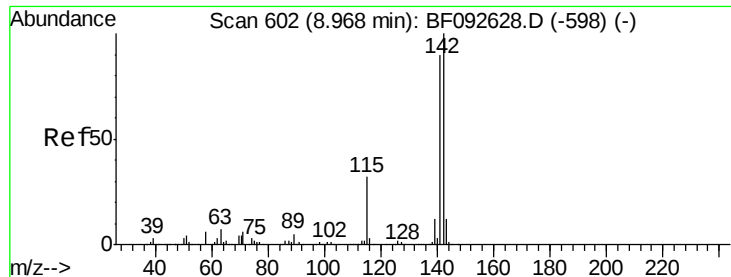
Tgt Ion:113 Resp: 96134
 Ion Ratio Lower Upper
 113 100
 55 225.6 119.2 159.2#
 56 164.0 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.81 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:107 Resp: 432775
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 73.3 59.0 88.6

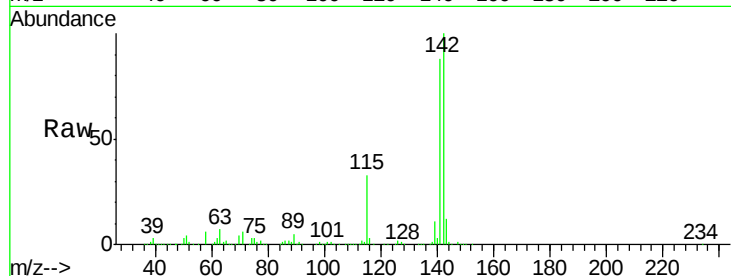




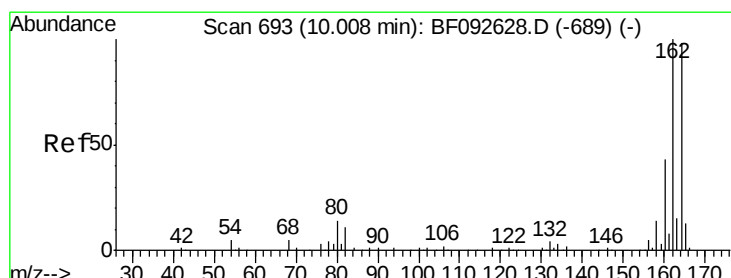
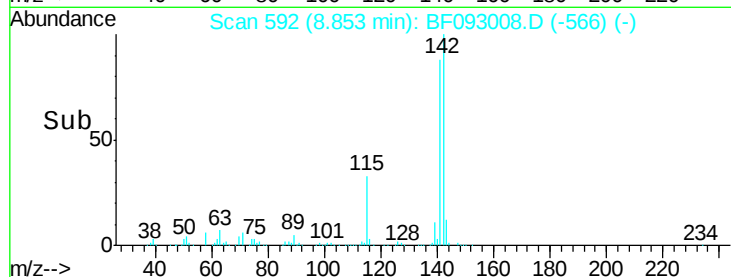
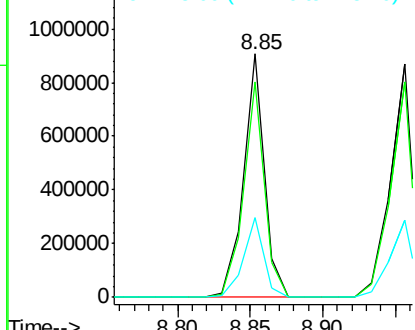
#37
2-Methylnaphthalene
Concen: 39.00 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion:142 Resp: 899295
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 32.7 28.3 42.5

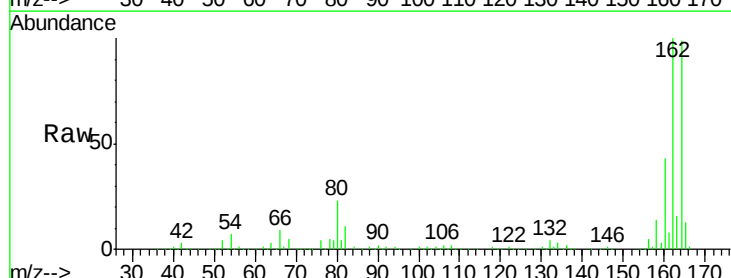


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

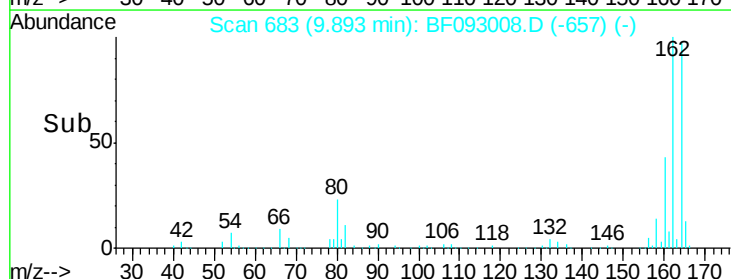
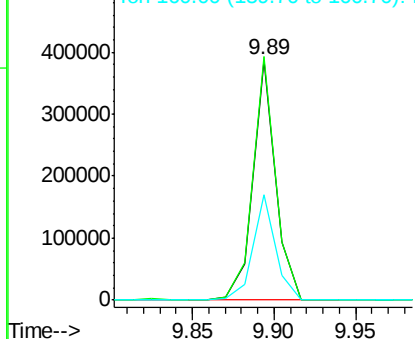


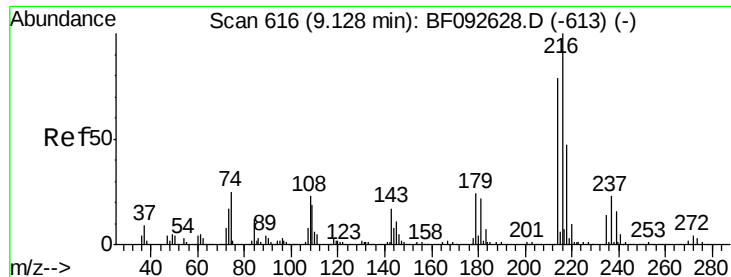
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:164 Resp: 373670
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 43.9 36.9 55.3



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

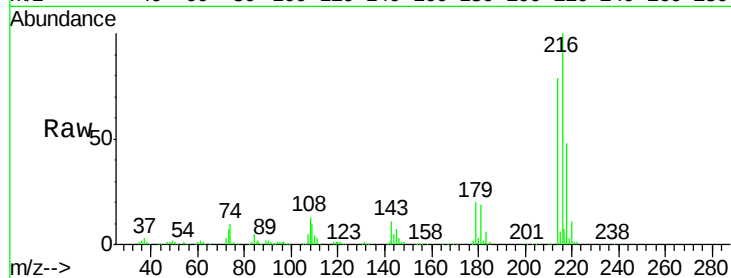




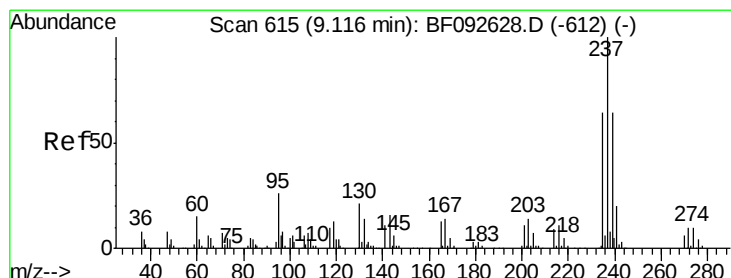
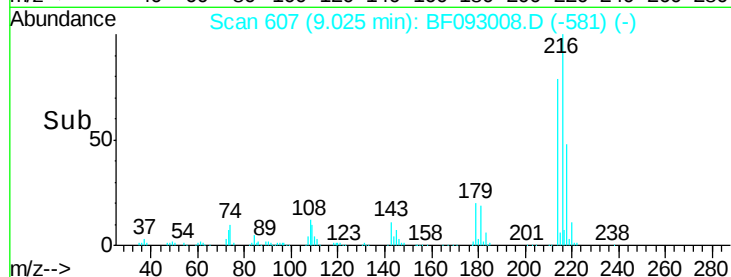
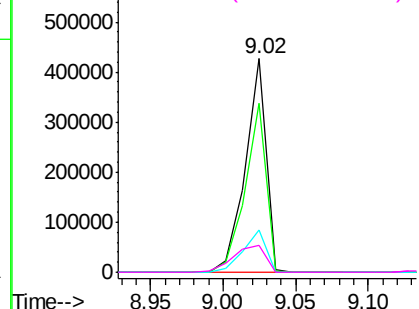
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.65 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion:	216	Resp:	426390
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.4	17.4	26.2
108	19.9	15.6	23.4

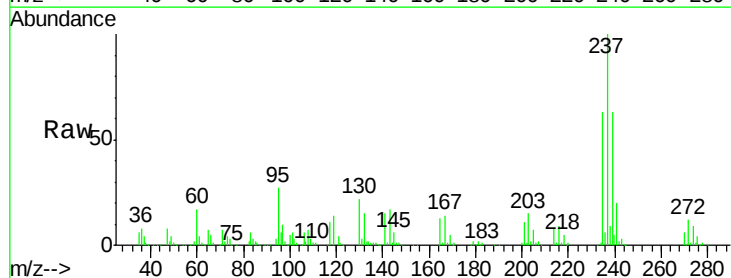


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

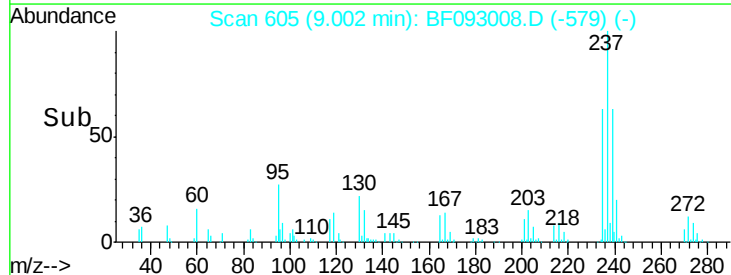
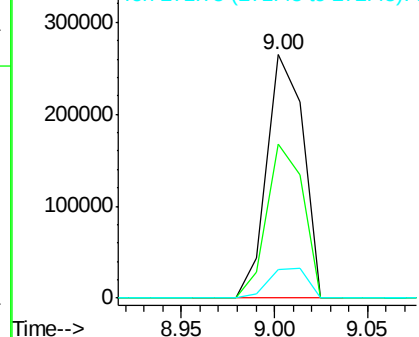


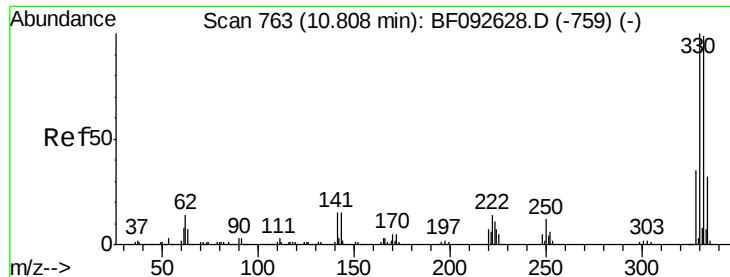
#40
 Hexachlorocyclopentadiene
 Concen: 75.90 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:	237	Resp:	359176
Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.2	81.2
272	11.6	0.0	35.4



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

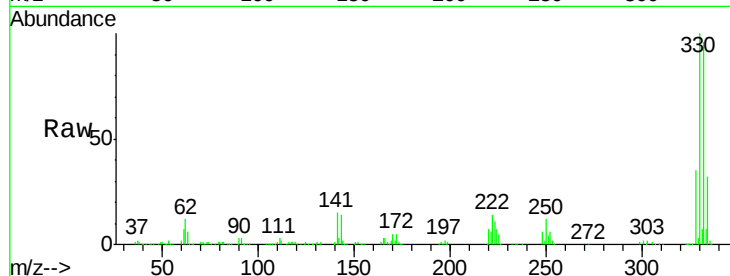




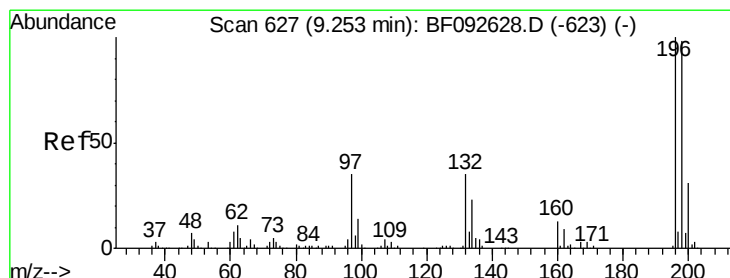
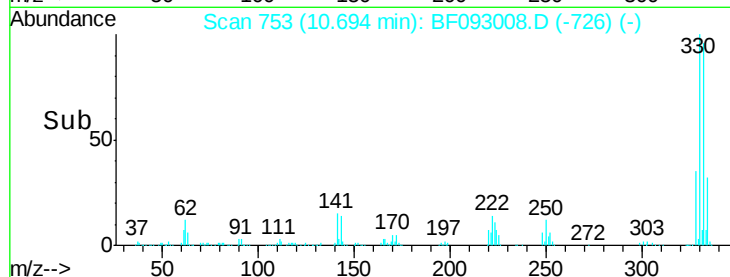
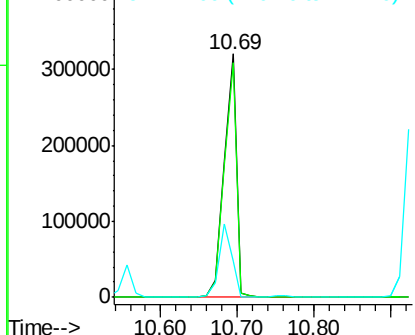
#41
 2,4,6-Tribromophenol
 Concen: 136.30 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion:330 Resp: 368354
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 31.5 34.1 51.1#

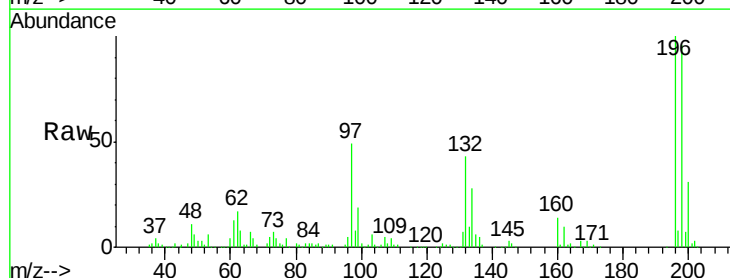


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

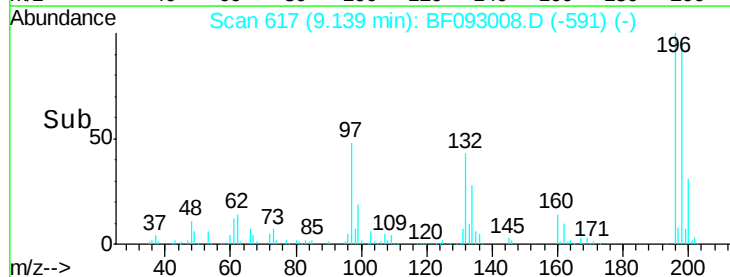
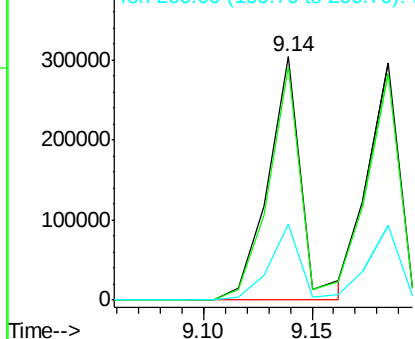


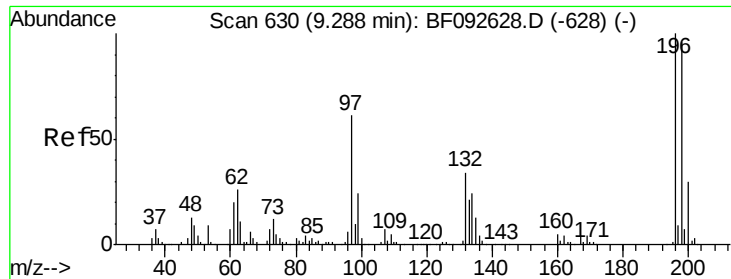
#42
 2,4,6-Trichlorophenol
 Concen: 47.18 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:196 Resp: 325147
 Ion Ratio Lower Upper
 196 100
 198 95.9 82.1 123.1
 200 31.2 27.0 40.4



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

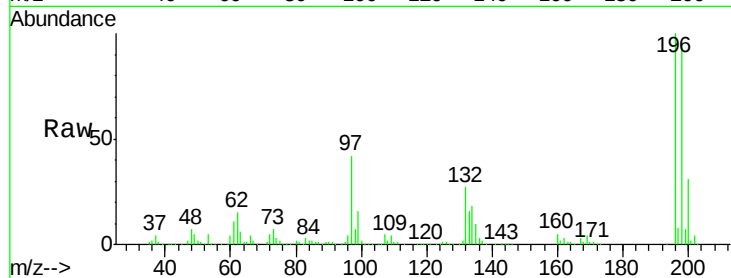




#43
 2,4,5-Trichlorophenol
 Concen: 39.84 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.4	119.2
97	41.8	51.5	77.3#
132	26.7	27.4	41.2#



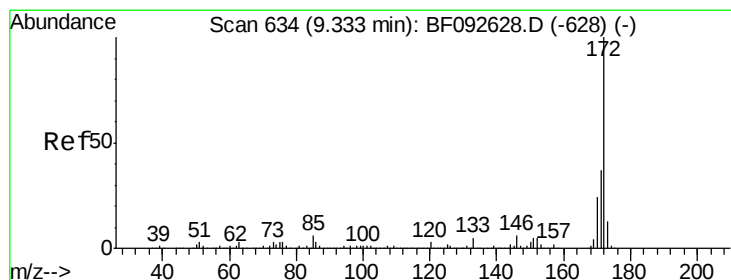
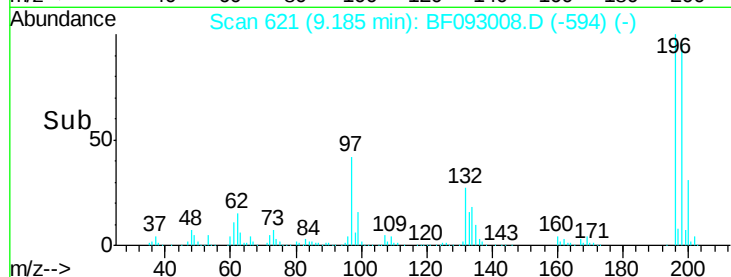
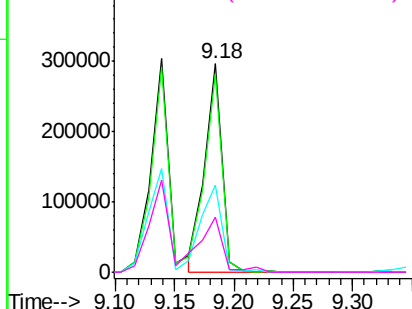
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

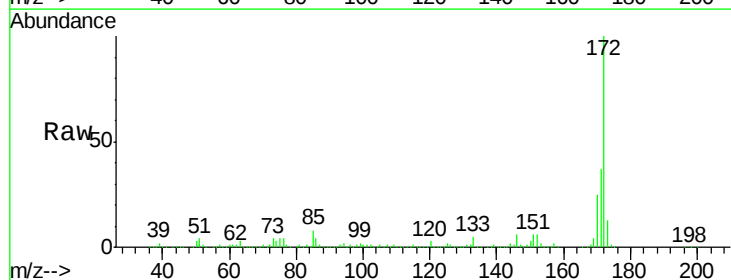
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.81 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.6	20.2	30.4

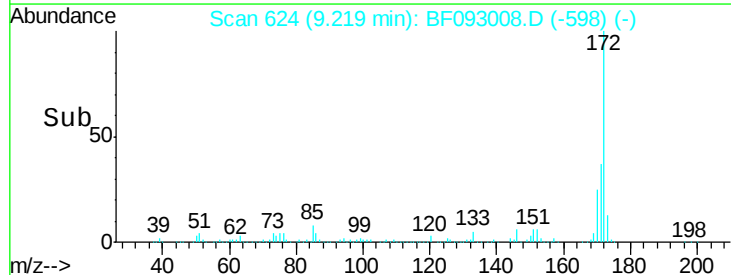
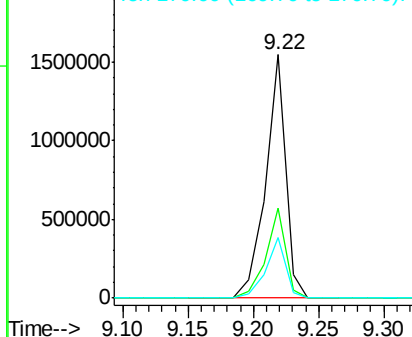


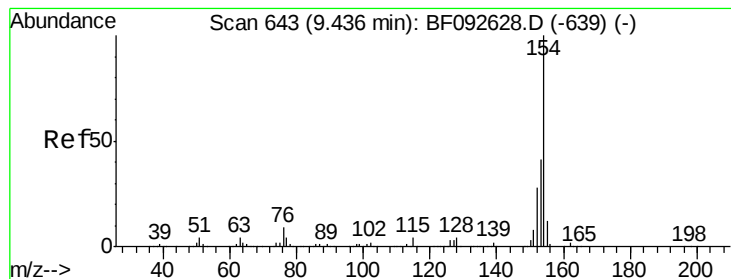
Abundance

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: 42.46 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

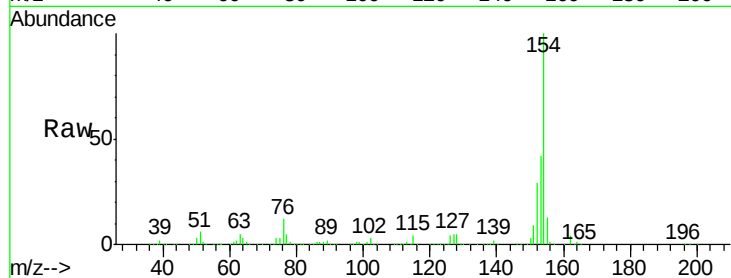
Tgt Ion:154 Resp: 1148892

Ion Ratio Lower Upper

154 100

153 41.6 20.9 60.9

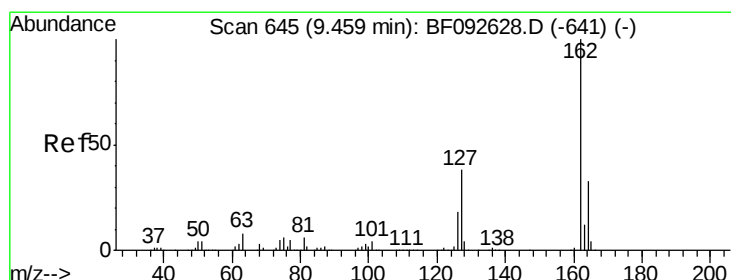
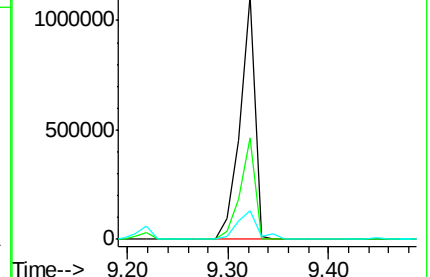
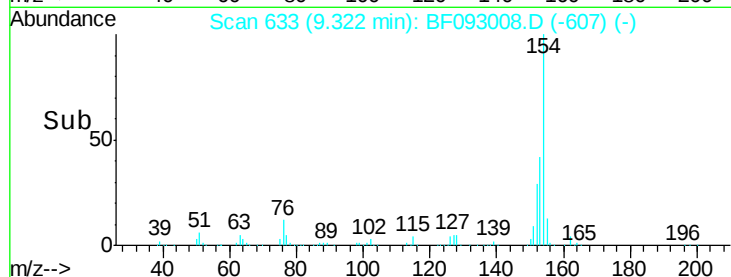
76 11.7 0.0 30.5



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: 42.42 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

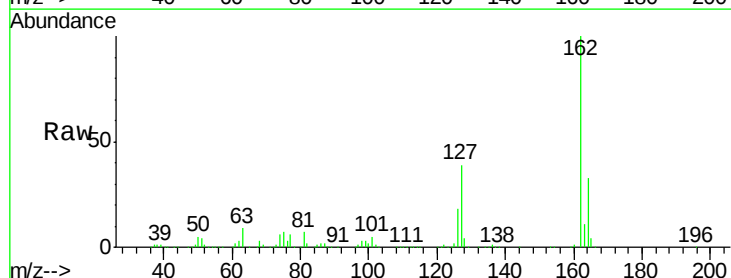
Tgt Ion:162 Resp: 897913

Ion Ratio Lower Upper

162 100

127 39.0 30.7 46.1

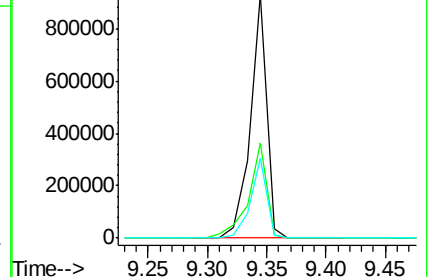
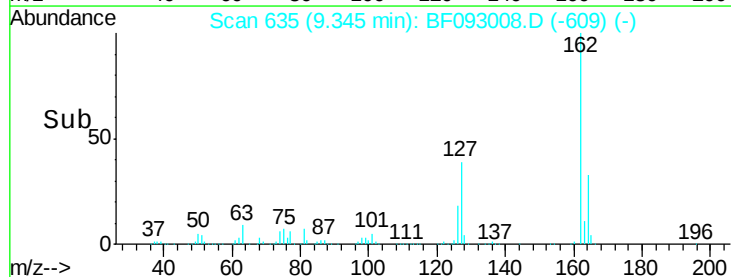
164 33.0 27.6 41.4

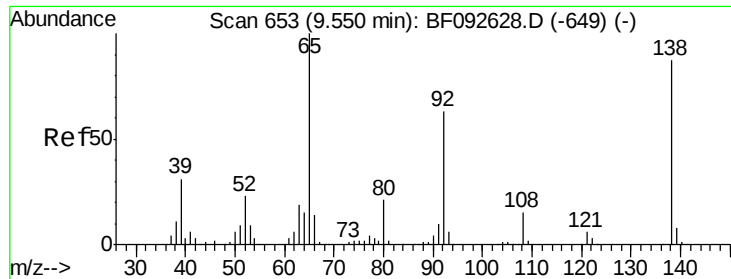


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

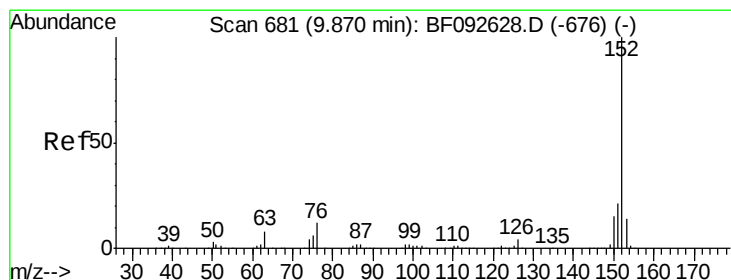
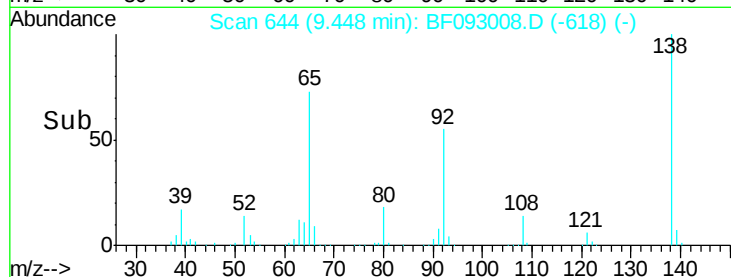
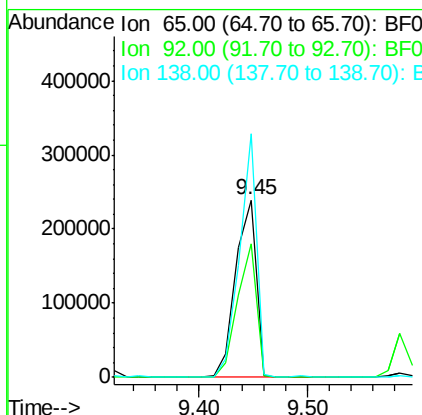
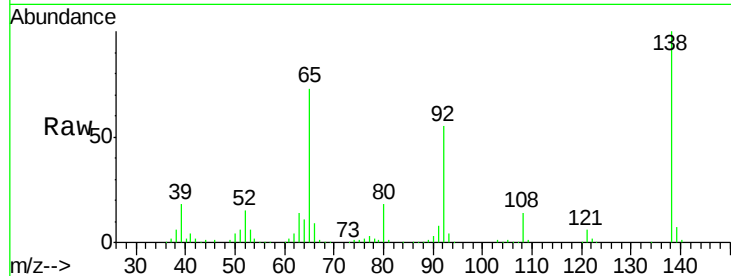




#47
2-Nitroaniline
Concen: 43.55 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

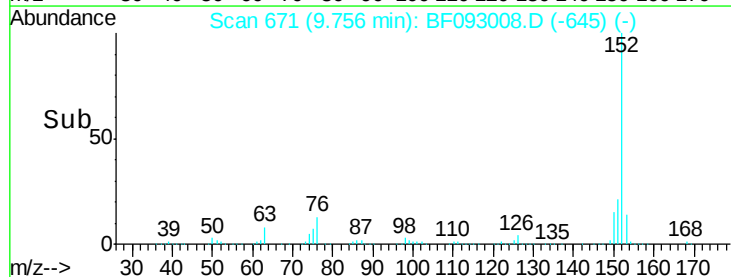
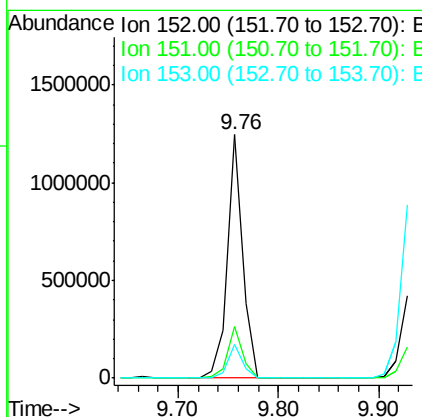
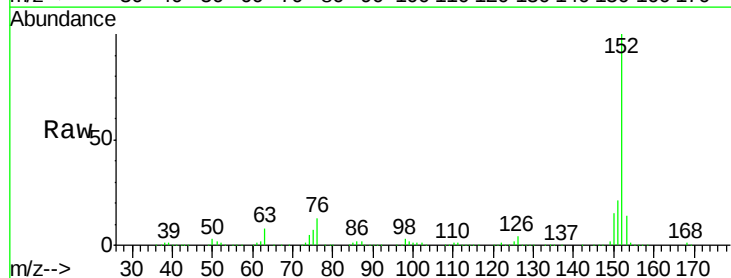
Instrument :
BNA_F
ClientSampleId :
PB97012BSD

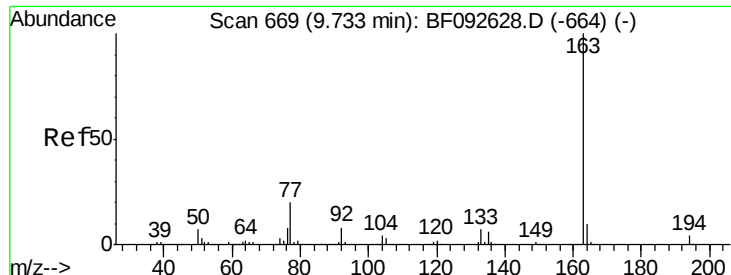
Tgt Ion: 65 Resp: 309906
Ion Ratio Lower Upper
65 100
92 75.2 53.9 80.9
138 137.1 76.8 115.2#



#48
Acenaphthylene
Concen: 35.92 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion: 152 Resp: 1313504
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 13.7 11.4 17.2

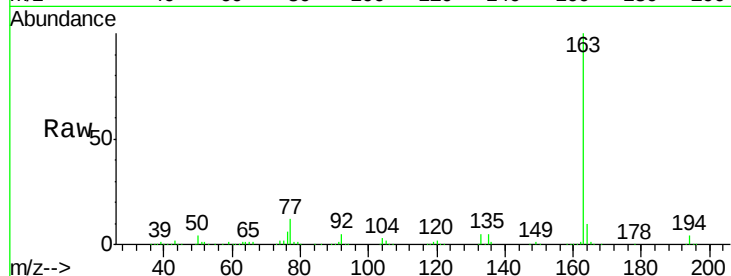




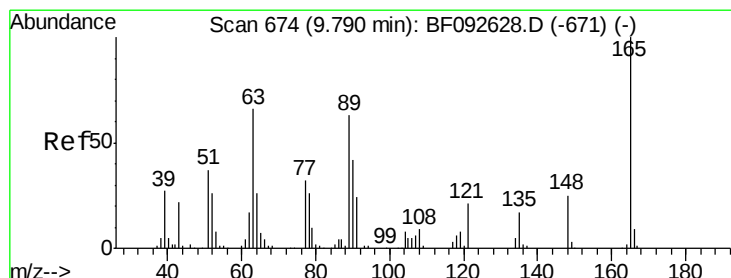
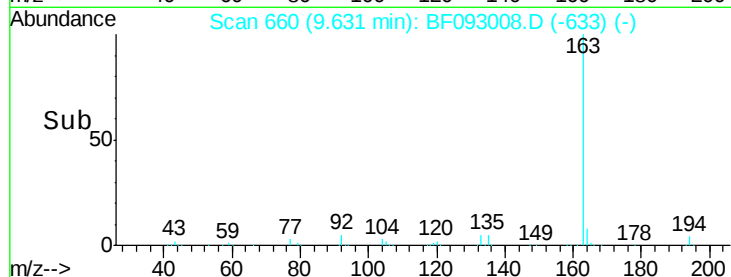
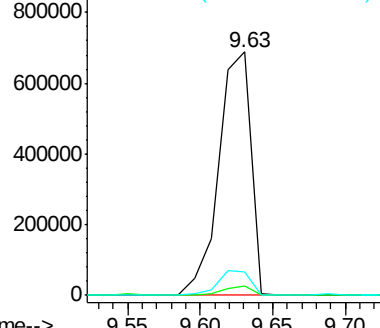
#49
Dimethylphthalate
Concen: 42.04 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion:163 Resp: 1058051
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.6 8.0 12.0

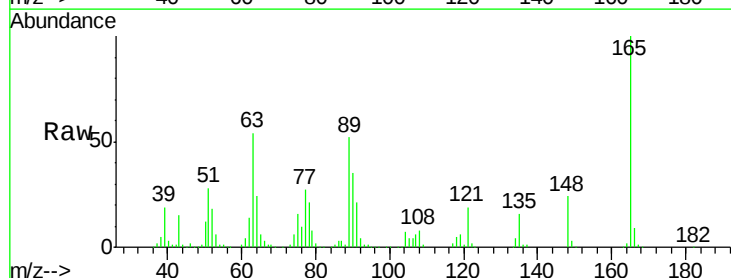


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

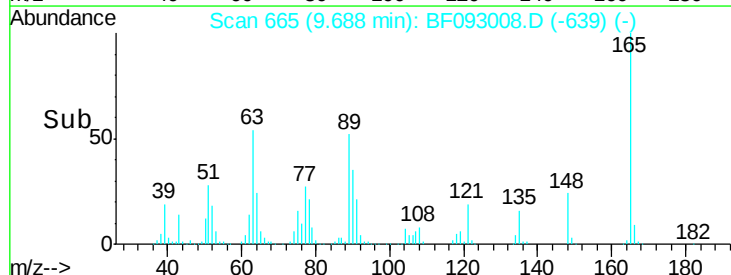
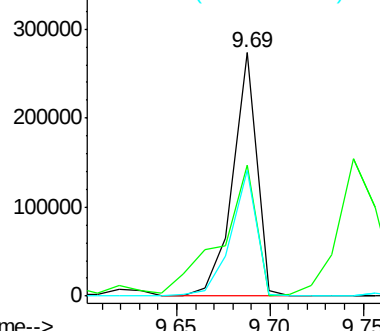


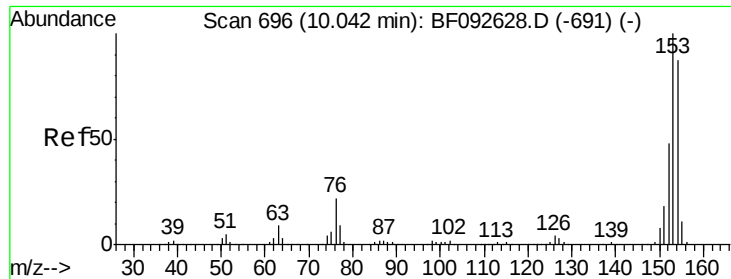
#50
2,6-Dinitrotoluene
Concen: 44.94 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:165 Resp: 244274
Ion Ratio Lower Upper
165 100
63 53.6 36.2 54.4
89 51.6 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.12 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

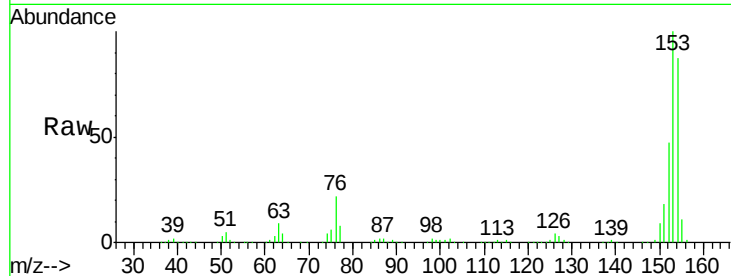
Tgt Ion:154 Resp: 877054

Ion Ratio Lower Upper

154 100

153 115.0 88.6 133.0

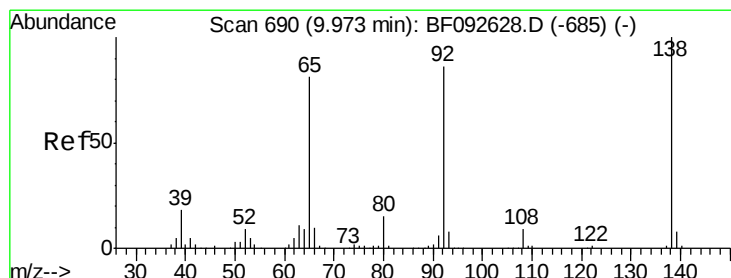
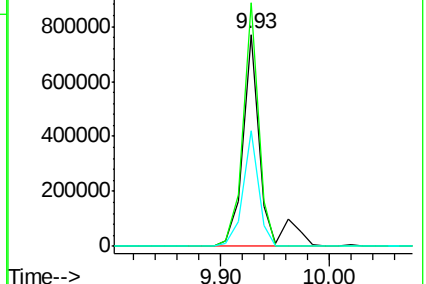
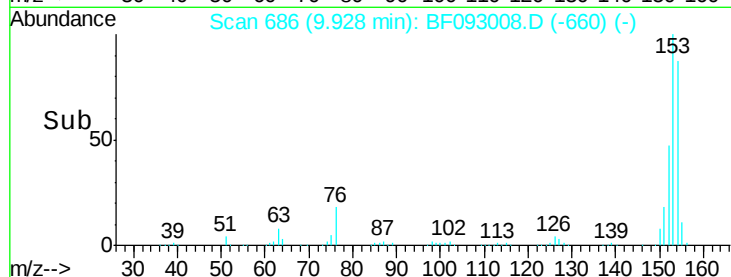
152 54.4 41.6 62.4



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: 25.57 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

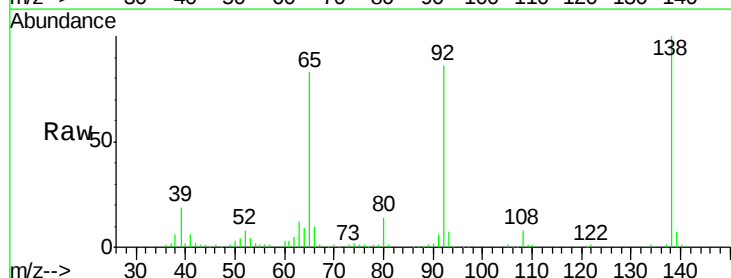
Tgt Ion:138 Resp: 159084

Ion Ratio Lower Upper

138 100

108 8.3 8.5 12.7#

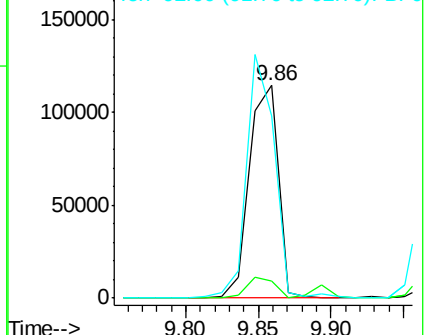
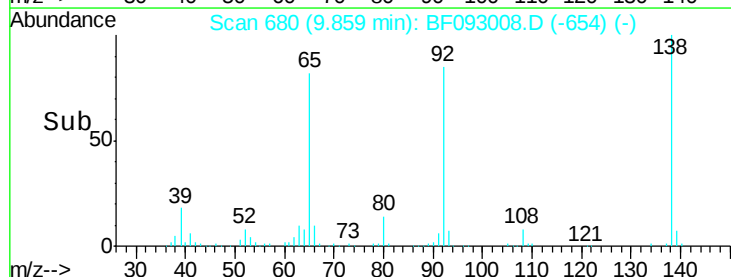
92 85.9 97.8 146.8#

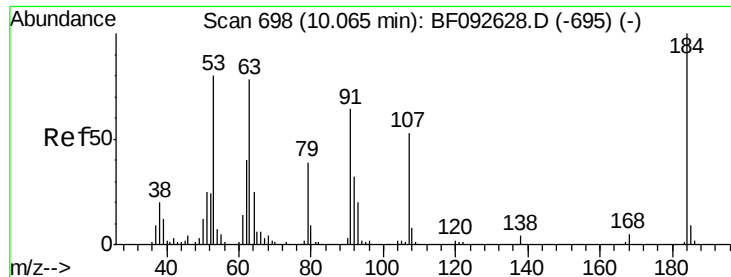


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

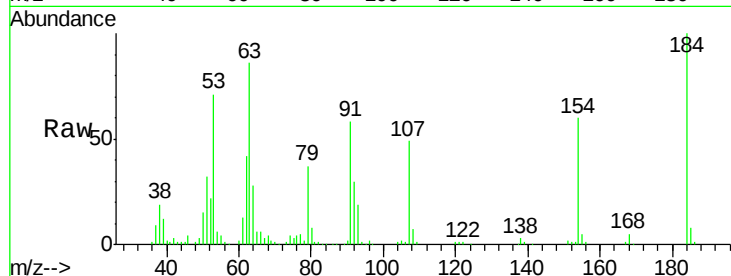




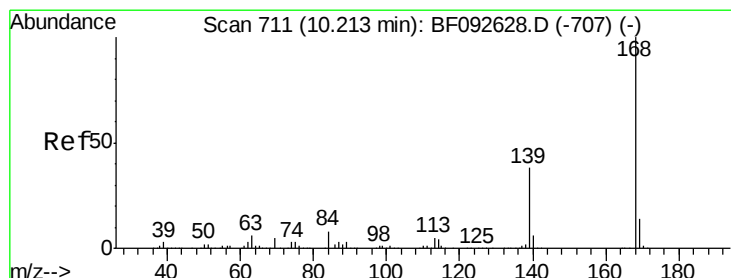
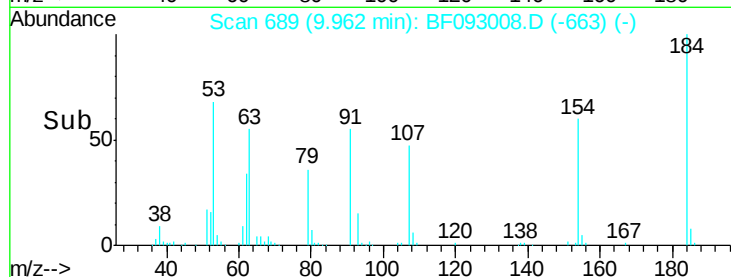
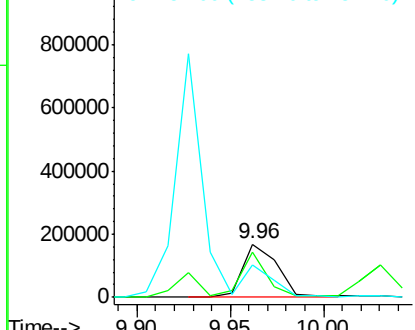
#53
2,4-Dinitrophenol
Concen: 79.25 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion:184 Resp: 219008
Ion Ratio Lower Upper
184 100
63 86.0 28.4 42.6#
154 59.7 44.3 66.5

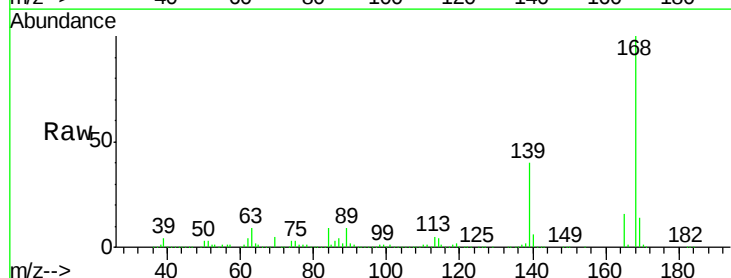


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

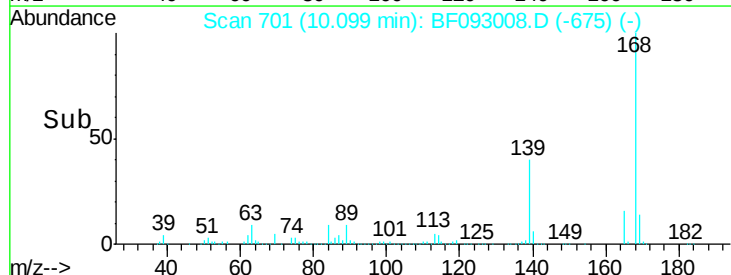
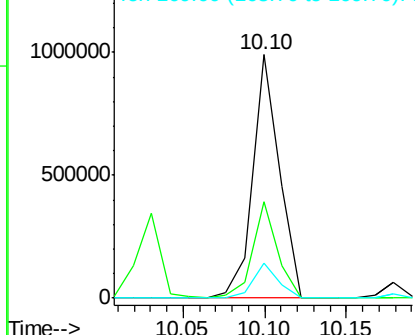


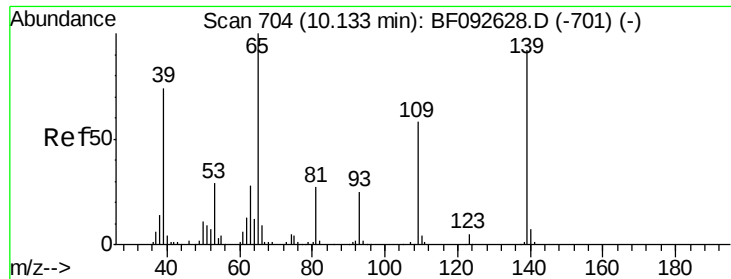
#54
Dibenzofuran
Concen: 38.23 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:168 Resp: 1117971
Ion Ratio Lower Upper
168 100
139 39.6 32.6 49.0
169 14.1 11.3 16.9



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

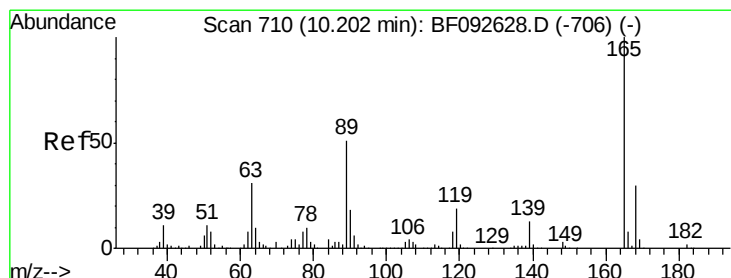
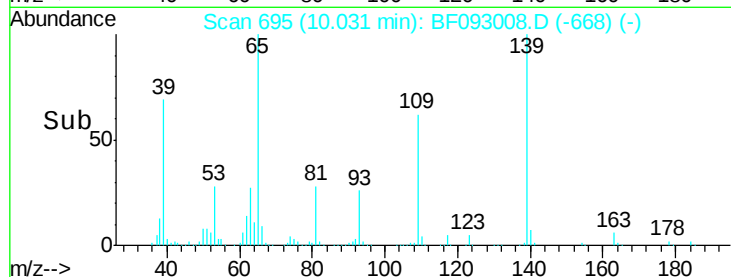
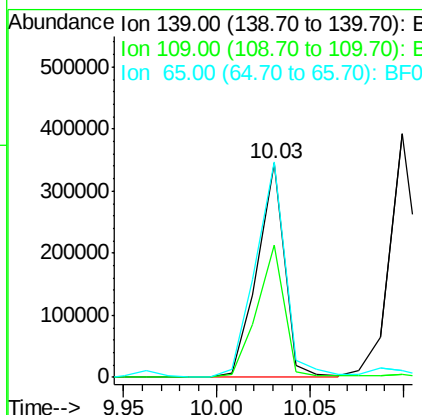
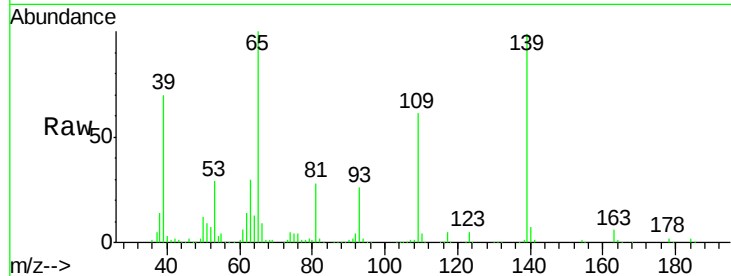




#55
4-Nitrophenol
Concen: 78.39 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

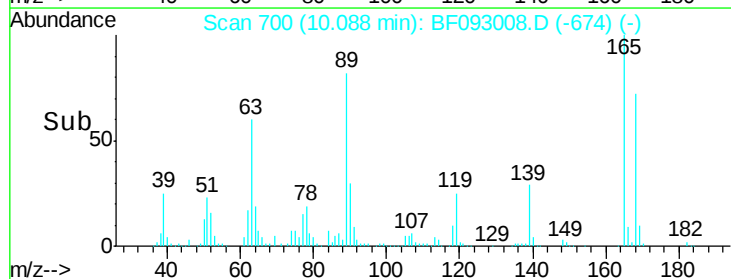
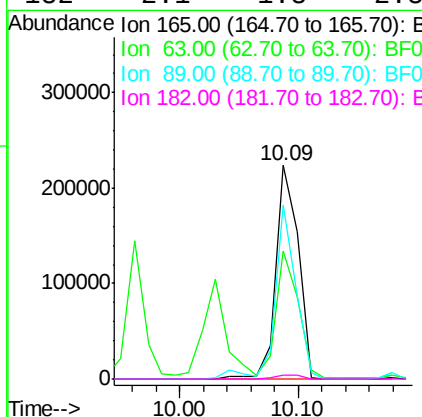
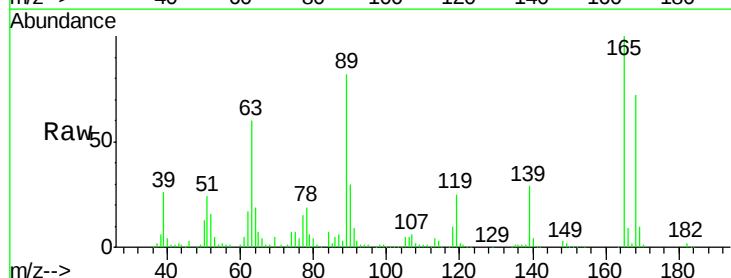
Instrument :
BNA_F
ClientSampleId :
PB97012BSD

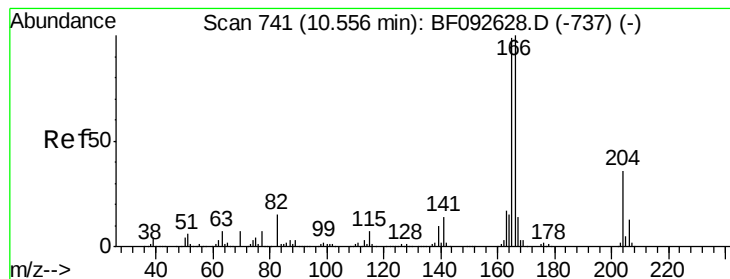
Tgt Ion:139 Resp: 351215
Ion Ratio Lower Upper
139 100
109 61.9 52.2 92.2
65 100.6 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 39.95 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:165 Resp: 289116
Ion Ratio Lower Upper
165 100
63 59.9 40.2 60.4
89 81.6 62.5 93.7
182 2.1 1.8 2.8





#57

Fluorene

Concen: 38.00 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampled :

PB97012BSD

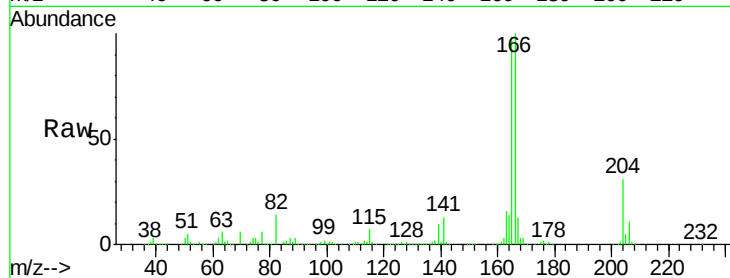
Tgt Ion:166 Resp: 854795

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

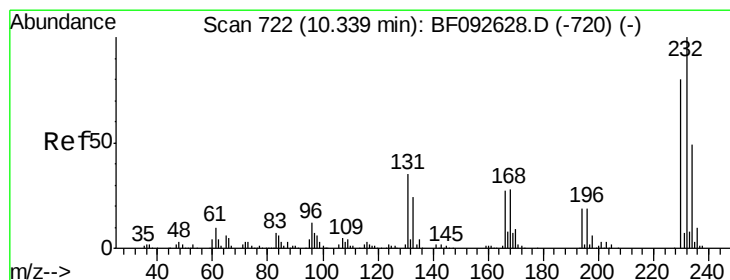
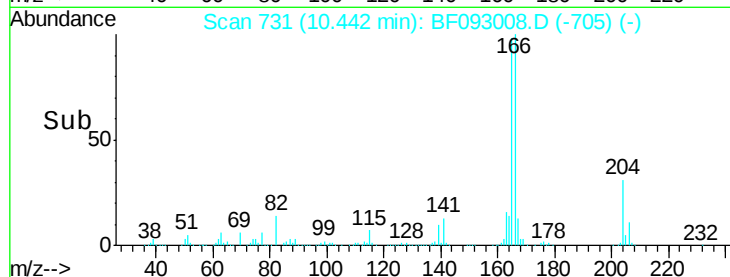
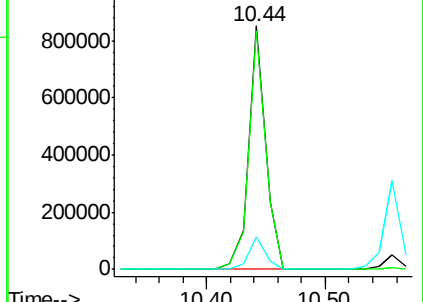
167 13.4 10.8 16.2



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: 49.67 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:232 Resp: 250239

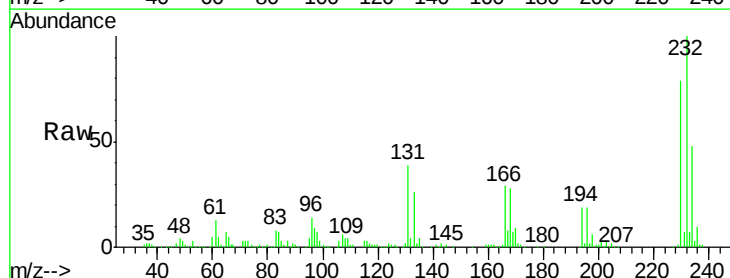
Ion Ratio Lower Upper

232 100

131 45.8 40.1 60.1

130 2.0 1.8 2.8

166 31.7 26.6 39.8

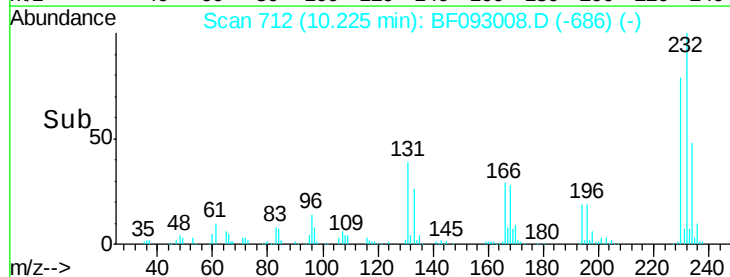
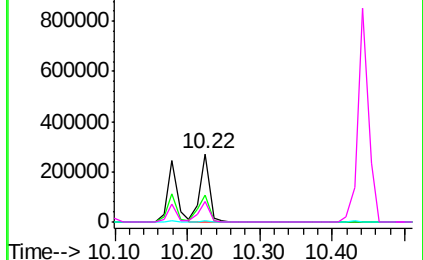


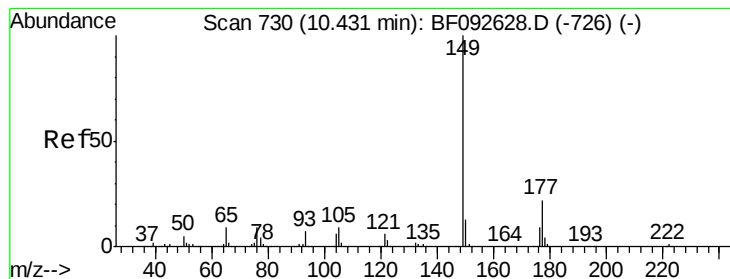
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.16 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

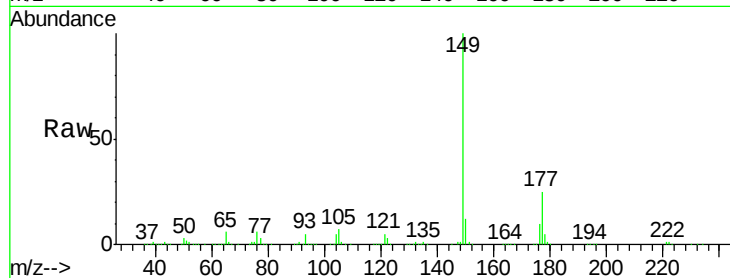
Tgt Ion:149 Resp: 1023614

Ion Ratio Lower Upper

149 100

177 25.2 16.6 25.0#

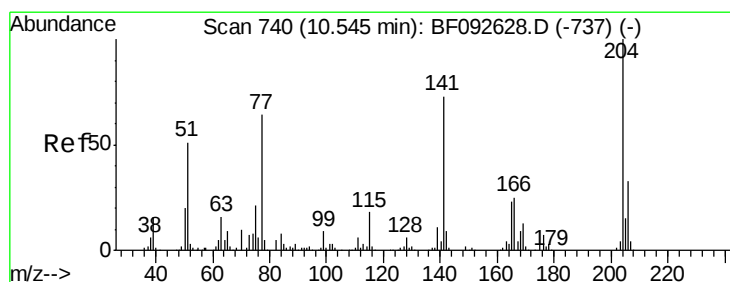
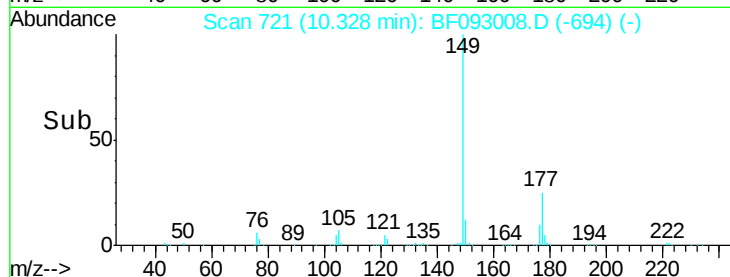
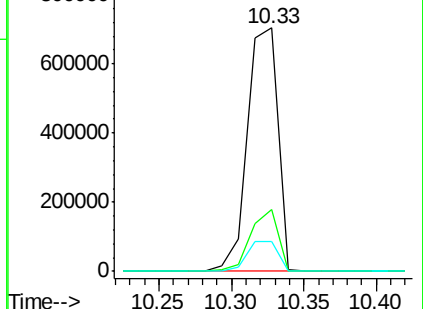
150 12.1 10.4 15.6



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: 37.58 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

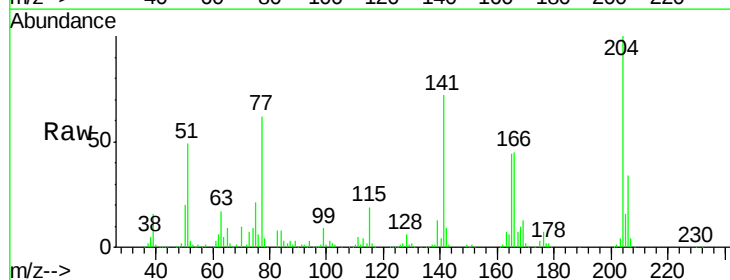
Tgt Ion:204 Resp: 406117

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

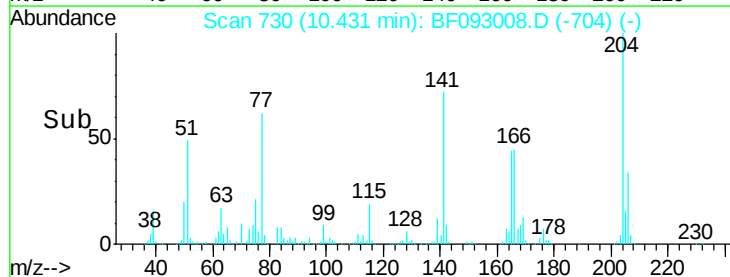
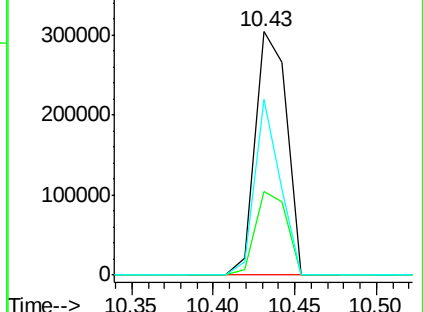
141 72.0 59.4 89.0

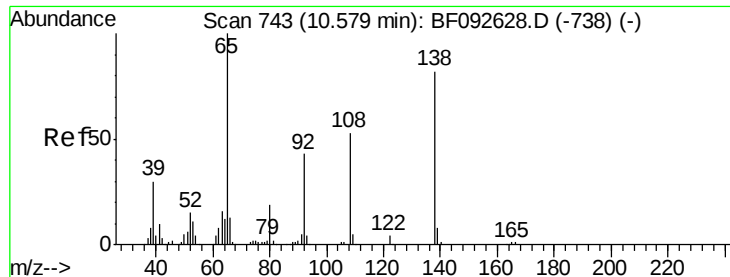


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

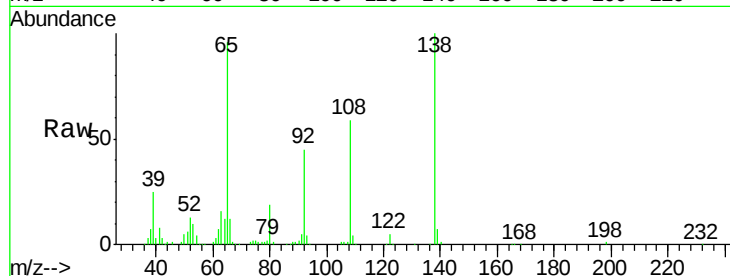




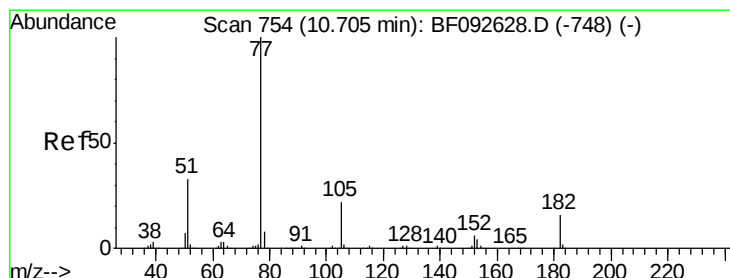
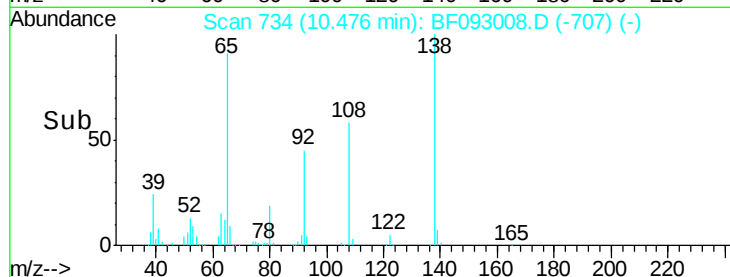
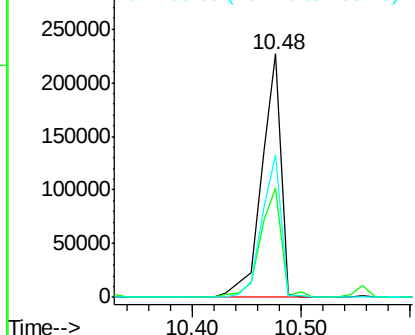
#61
4-Nitroaniline
Concen: 44.10 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion:138 Resp: 280958
Ion Ratio Lower Upper
138 100
92 45.0 31.7 71.7
108 58.8 52.6 92.6

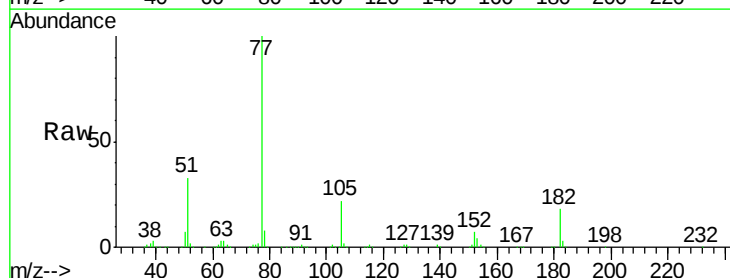


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

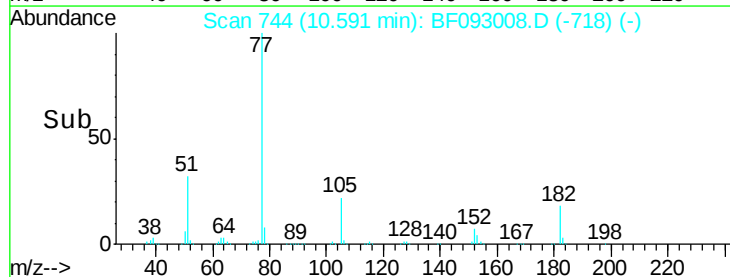
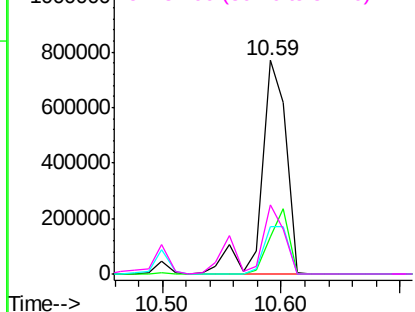


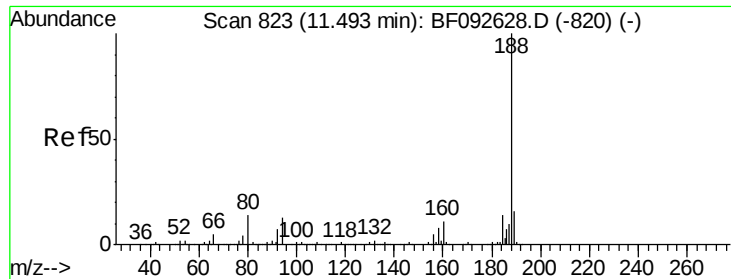
#62
Azobenzene
Concen: 45.28 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion: 77 Resp: 1109516
Ion Ratio Lower Upper
77 100
182 17.5 0.0 39.3
105 22.1 2.3 42.3
51 32.5 8.9 48.9



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

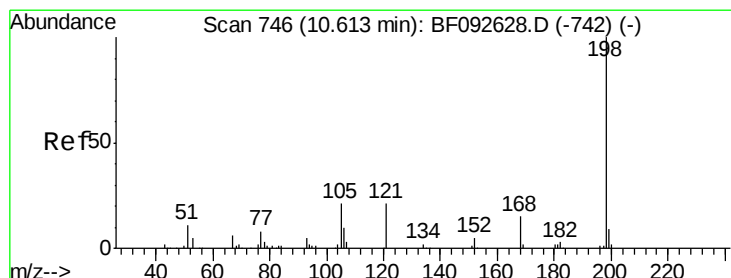
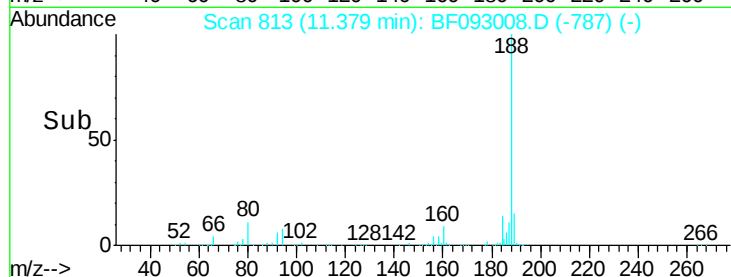
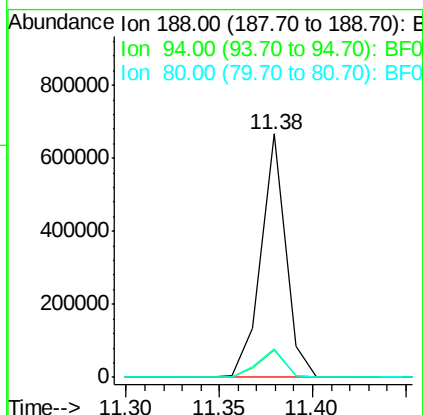
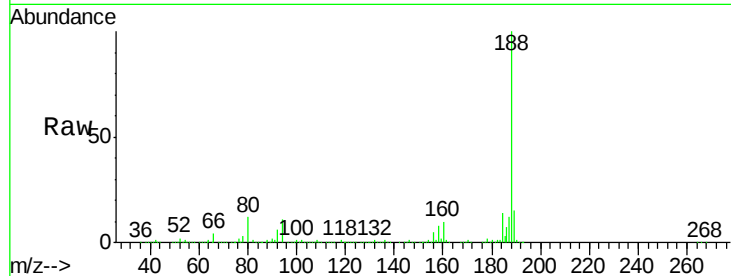




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

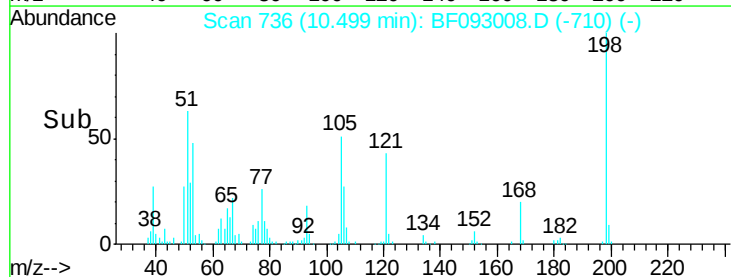
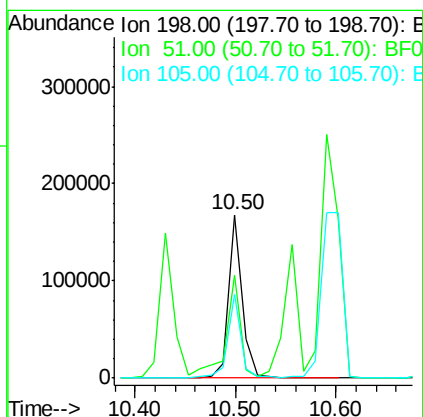
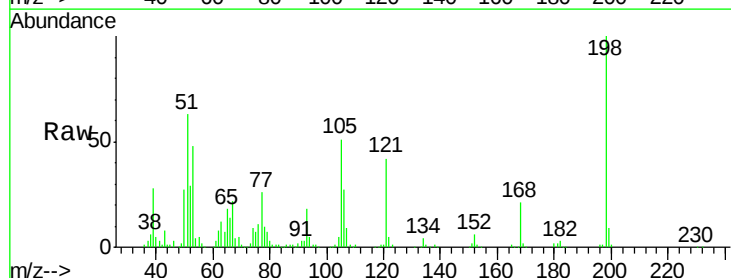
Instrument :
BNA_F
ClientSampleId :
PB97012BSD

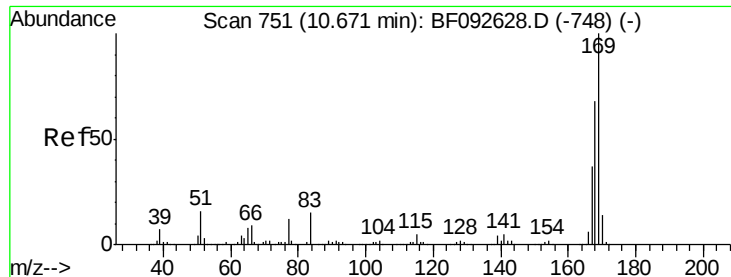
Tgt Ion:188 Resp: 613865
Ion Ratio Lower Upper
188 100
94 11.2 10.0 15.0
80 11.7 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.77 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:198 Resp: 158675
Ion Ratio Lower Upper
198 100
51 62.7 6.7 46.7#
105 51.2 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 40.37 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

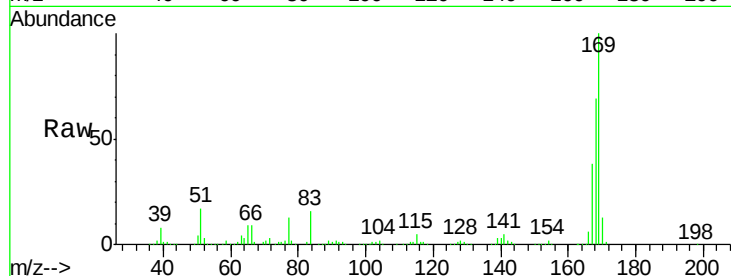
Tgt Ion:169 Resp: 791672

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

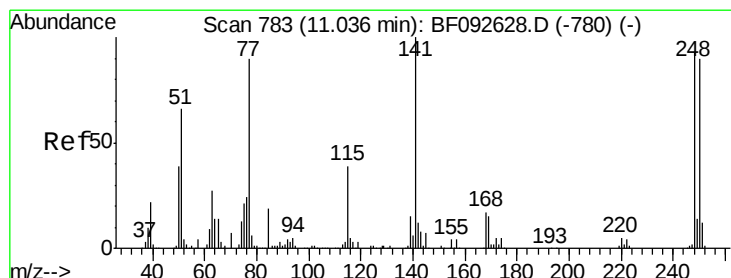
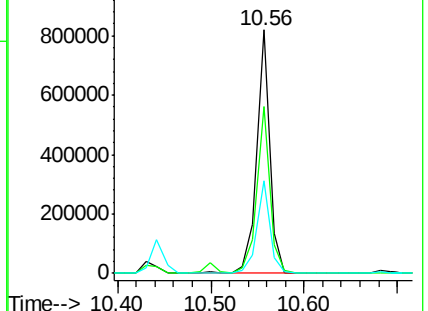
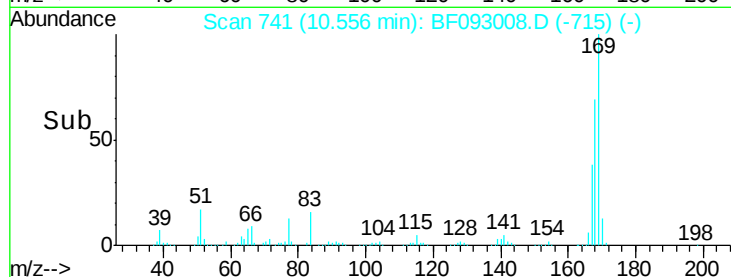
167 38.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.59 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

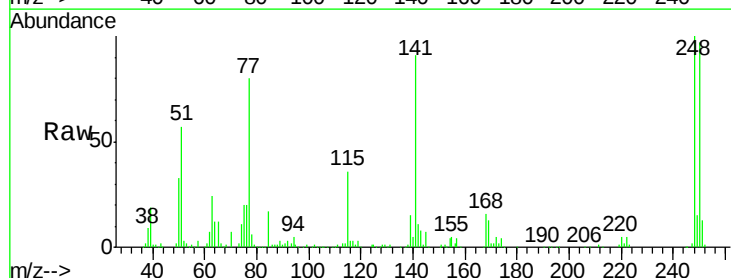
Tgt Ion:248 Resp: 247489

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

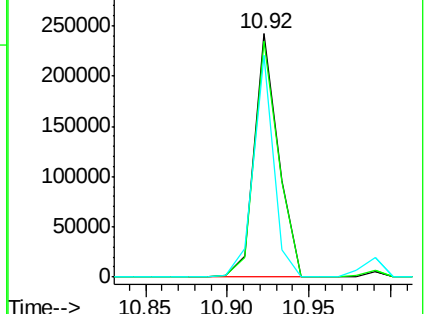
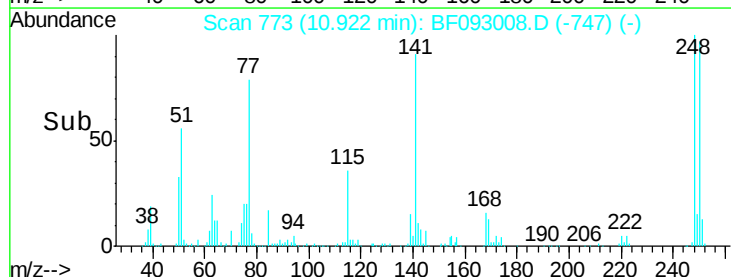
141 91.1 68.2 102.4

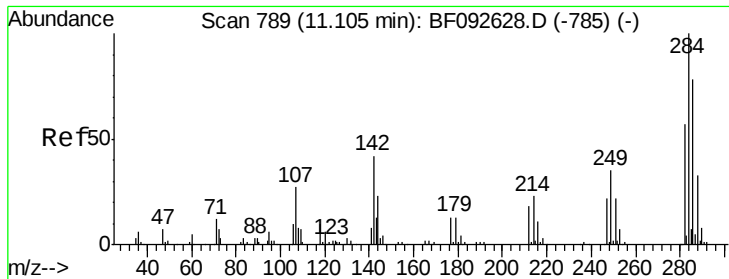


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

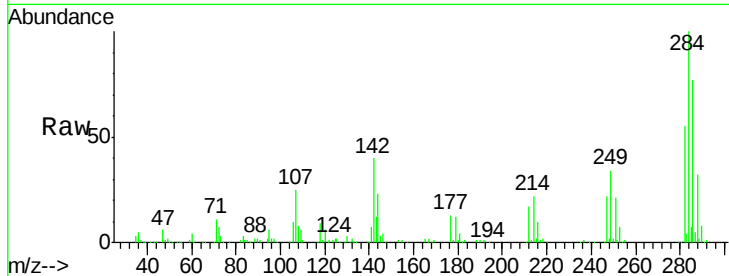




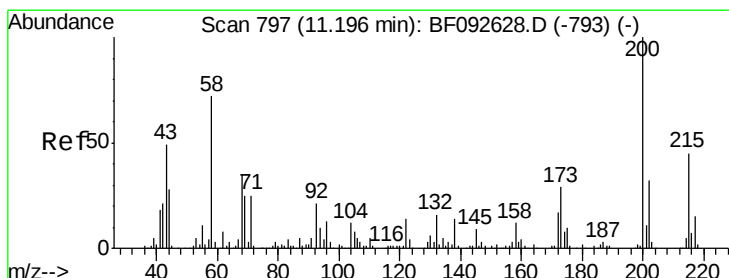
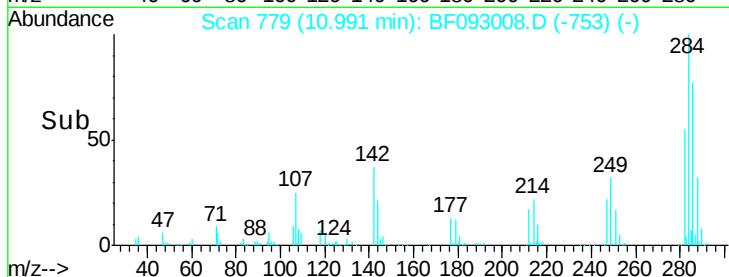
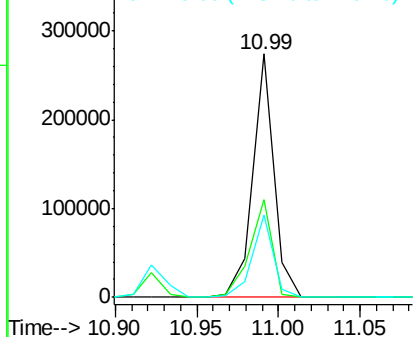
#67
Hexachlorobenzene
Concen: 39.13 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.2	22.6	33.8
249	34.0	25.4	38.0

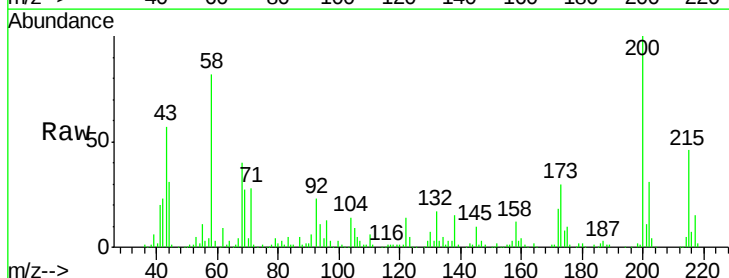


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

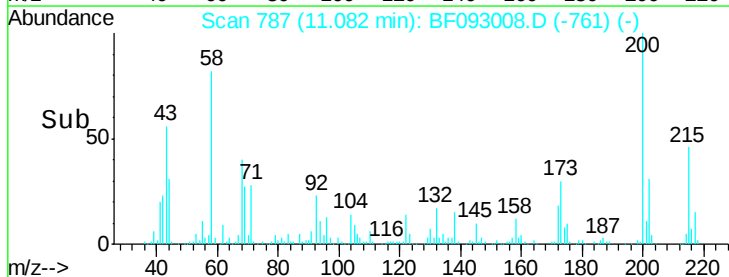
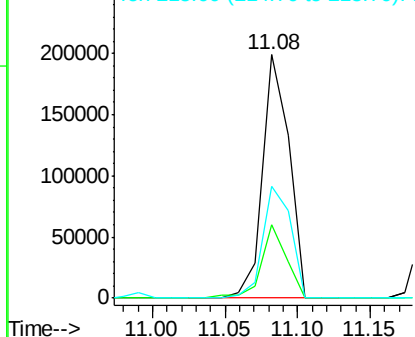


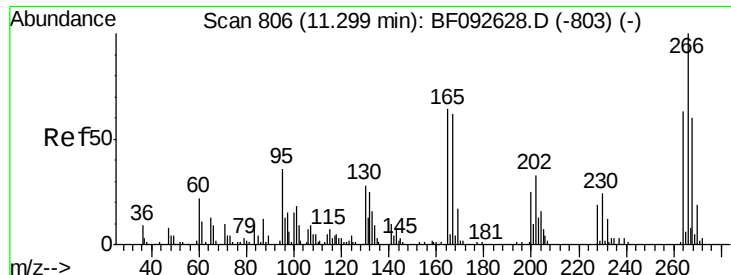
#68
Atrazine
Concen: 40.01 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.2	9.6	49.6
215	46.0	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

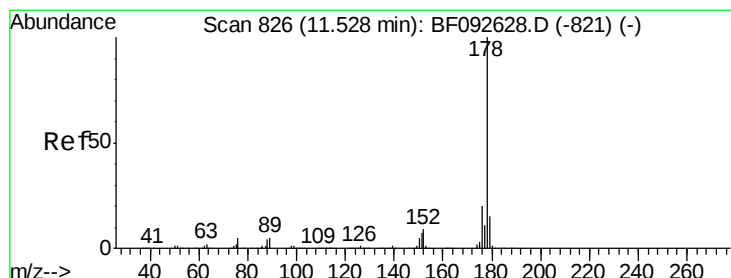
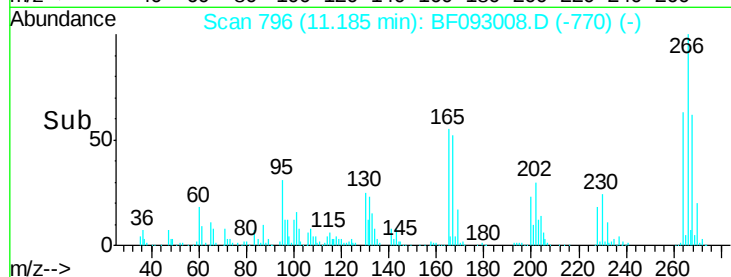
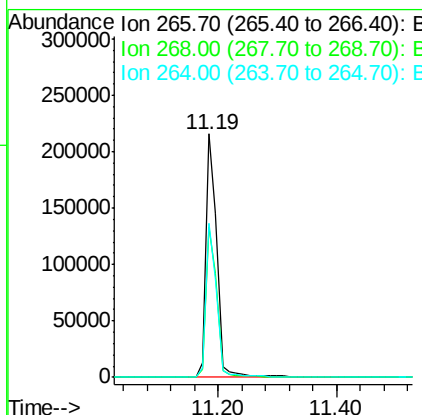
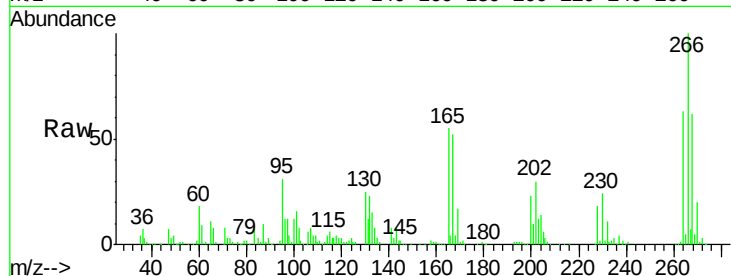




#69
 Pentachlorophenol
 Concen: 85.07 ng
 RT: 11.19 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

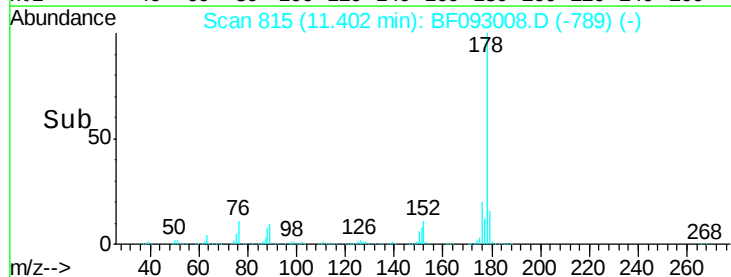
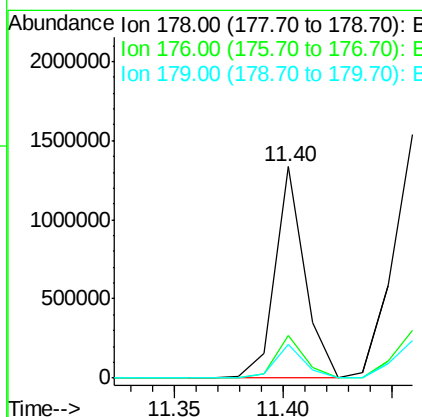
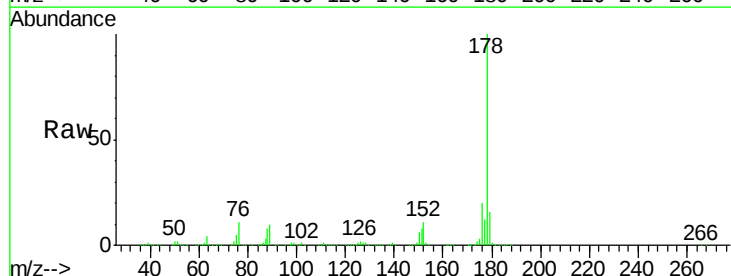
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

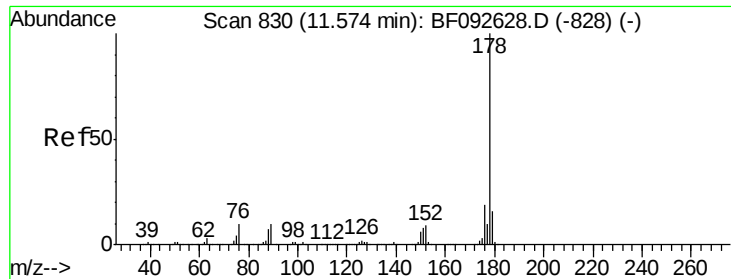
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	53.3	79.9
264	63.5	50.3	75.5



#70
 Phenanthrene
 Concen: 36.16 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.8	12.8	19.2

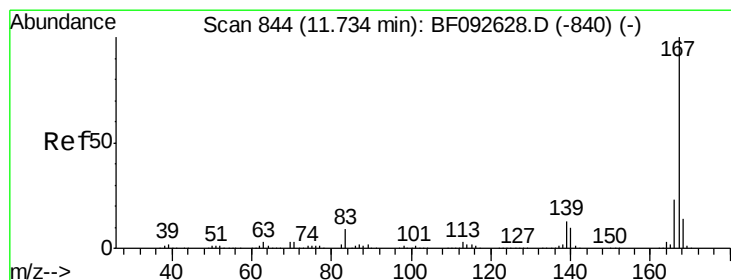
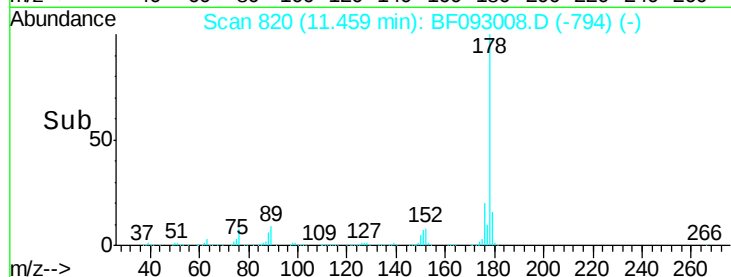
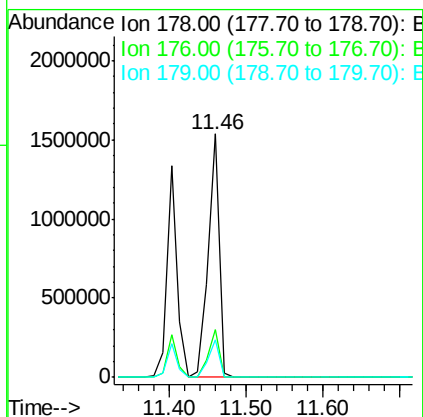
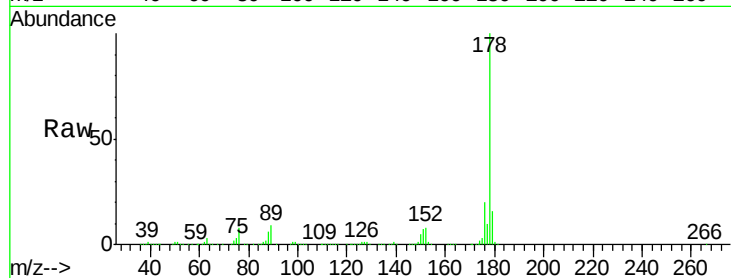




#71
 Anthracene
 Concen: 42.65 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

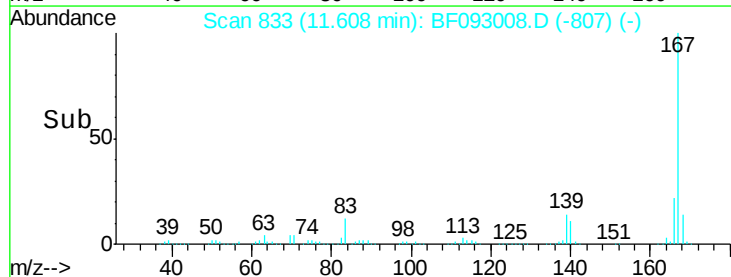
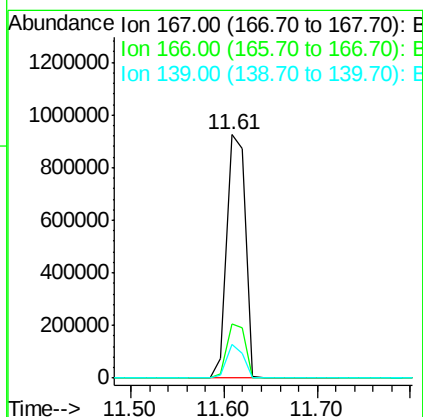
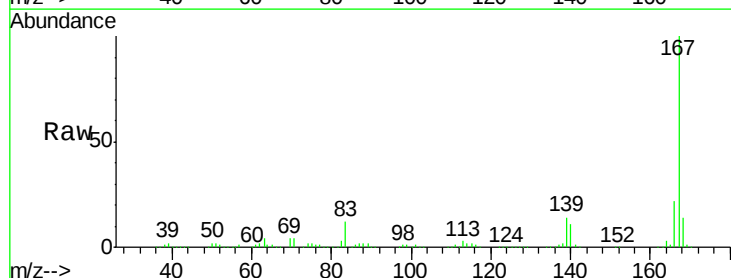
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

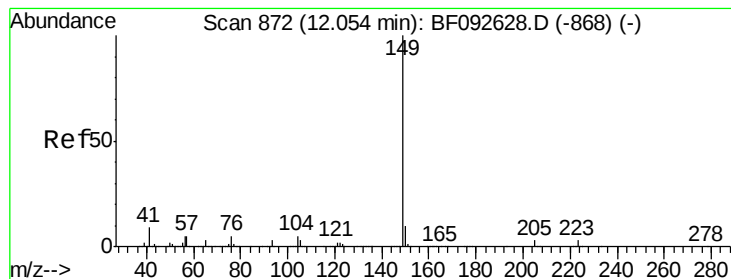
Tgt Ion:178 Resp: 1506312
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.6 13.2 19.8



#72
 Carbazole
 Concen: 38.46 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:167 Resp: 1298327
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 39.90 ng

RT: 11.94 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

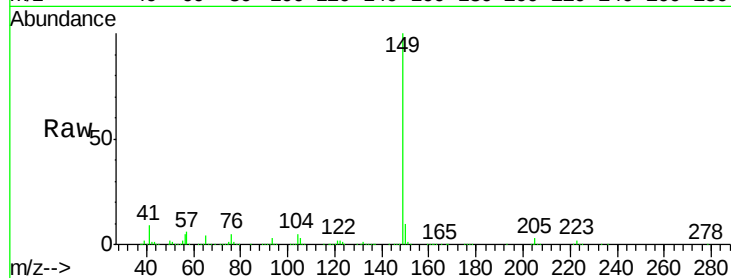
Tgt Ion:149 Resp: 1456839

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

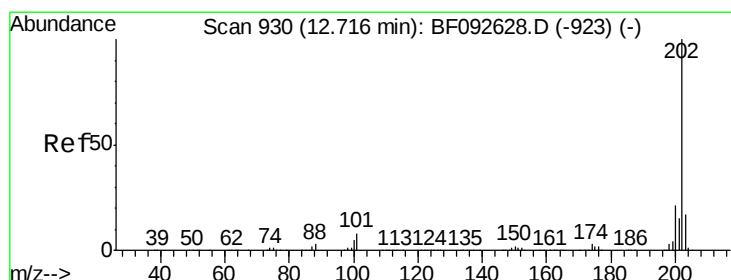
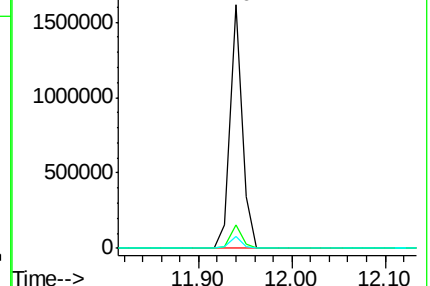
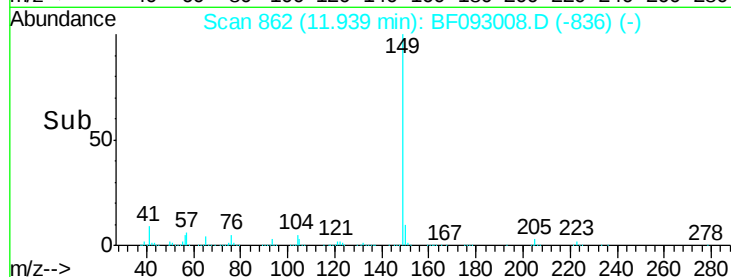
104 4.8 4.6 7.0



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: 38.42 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

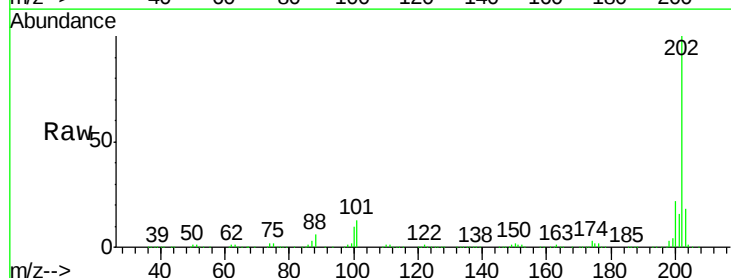
Tgt Ion:202 Resp: 1393773

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.6

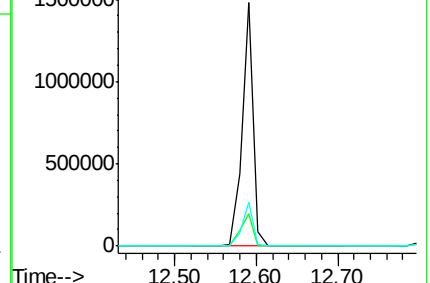
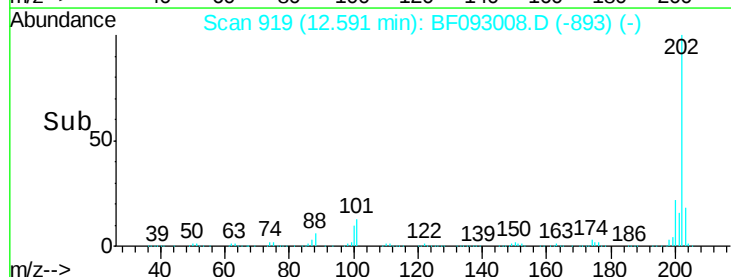
203 18.0 0.0 38.7

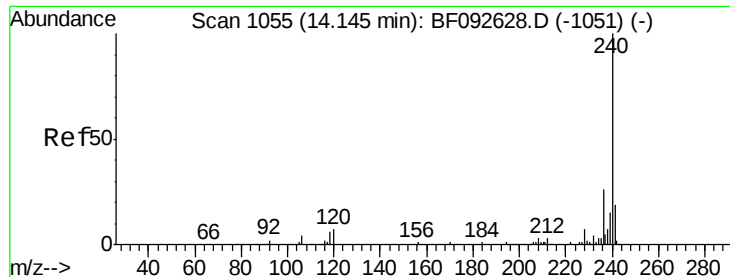


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

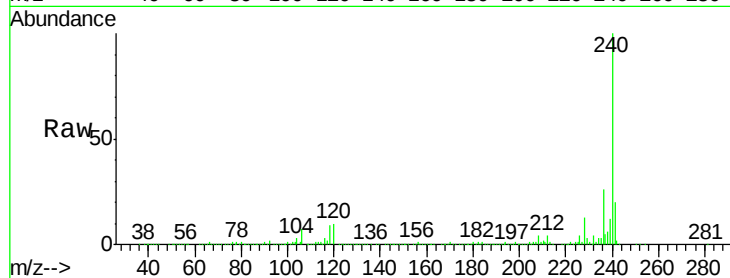
Tgt Ion:240 Resp: 525817

Ion Ratio Lower Upper

240 100

120 10.3 12.9 19.3#

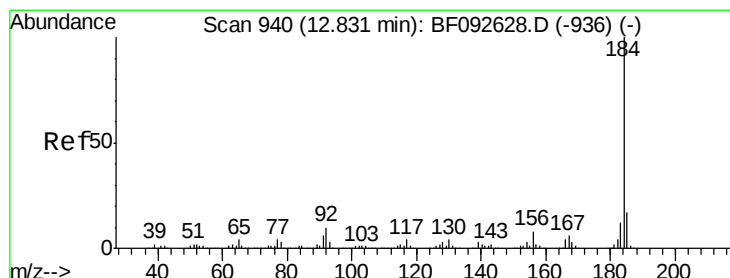
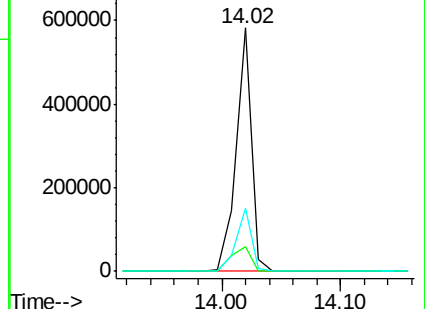
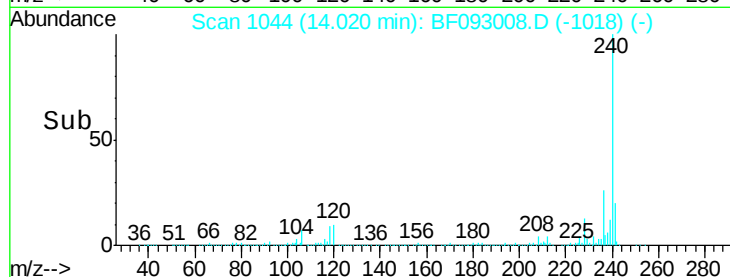
236 25.9 20.9 31.3



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: 23.21 ng

RT: 12.72 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

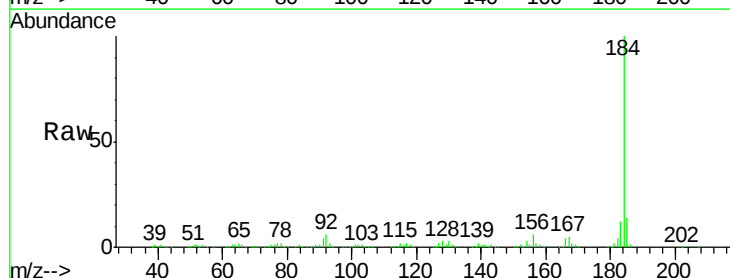
Tgt Ion:184 Resp: 520108

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

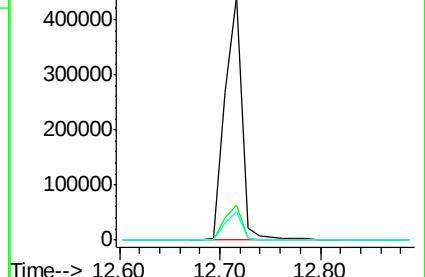
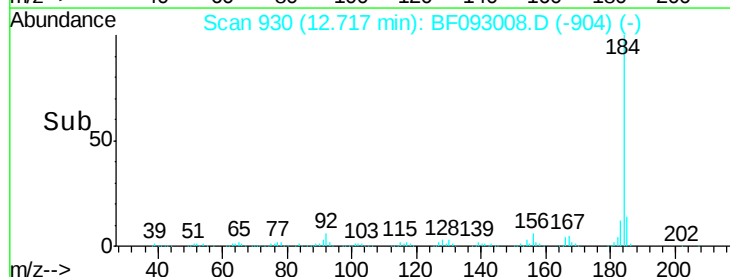
183 11.9 9.2 13.8

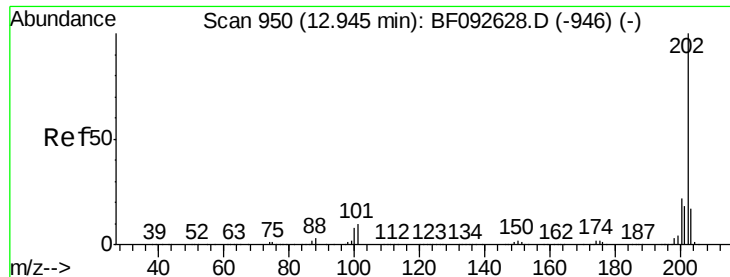


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



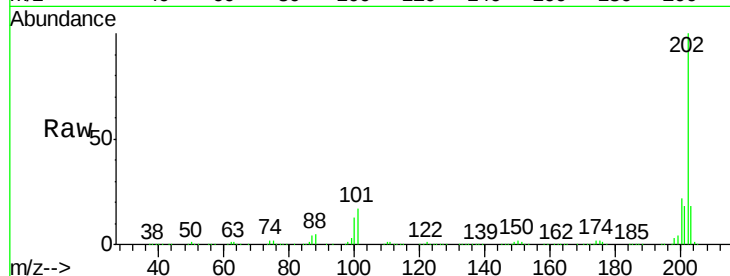


#77
 Pyrene
 Concen: 35.46 ng
 RT: 12.82 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

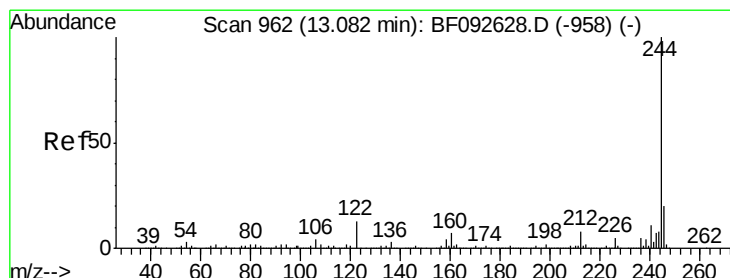
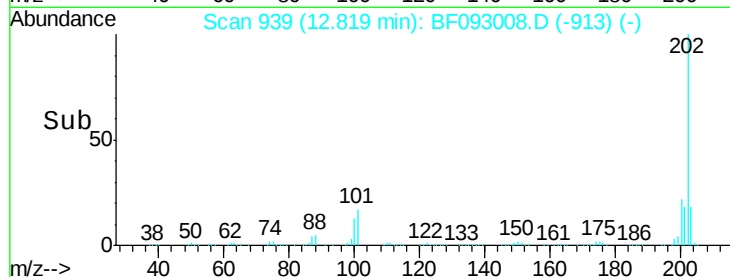
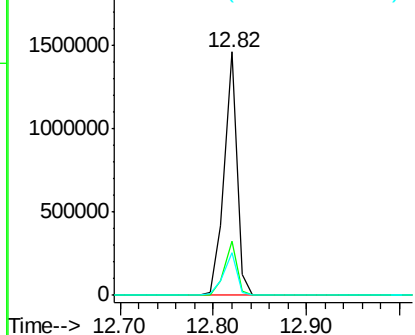
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion: 202 Resp: 1395282

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.7	14.7	22.1



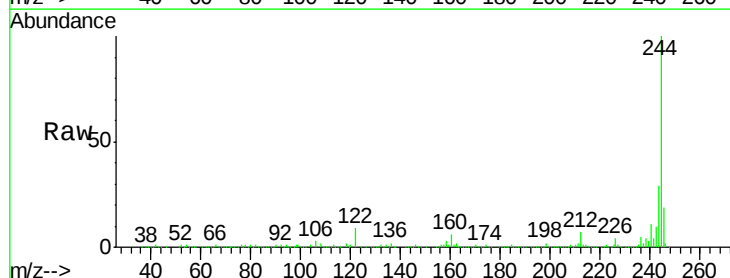
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



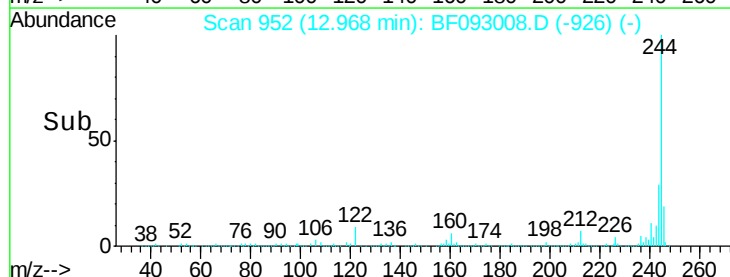
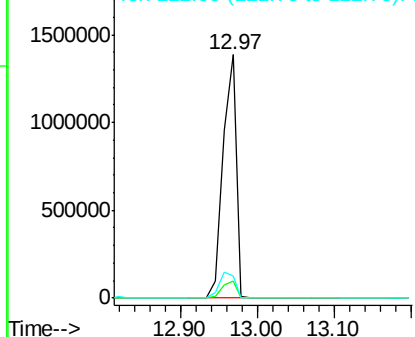
#78
 Terphenyl-d14
 Concen: 75.60 ng
 RT: 12.97 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

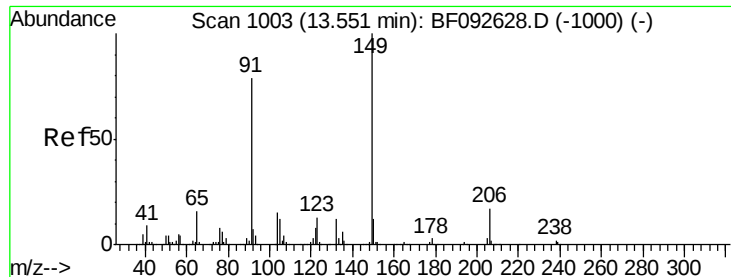
Tgt Ion: 244 Resp: 1691894

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.3	11.4	17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

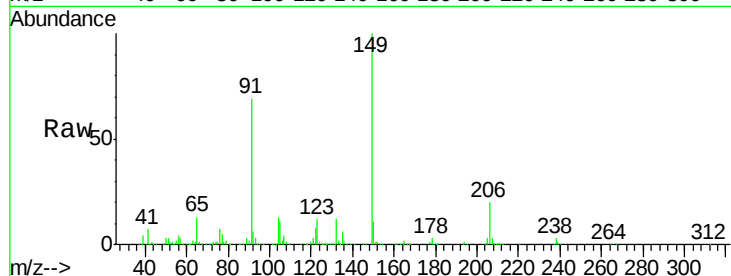




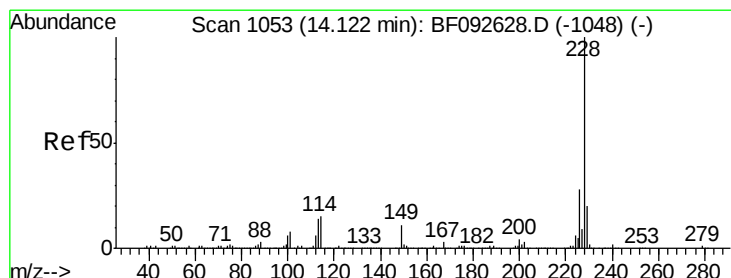
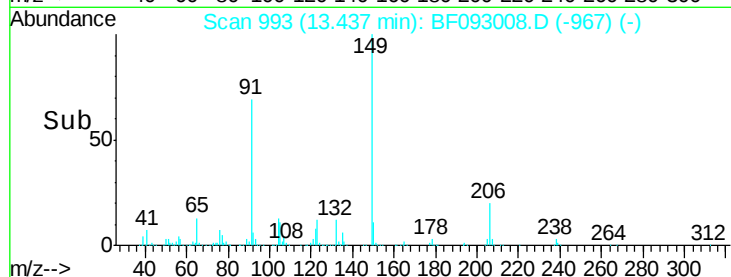
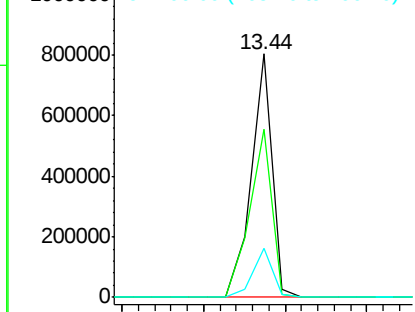
#79
Butylbenzylphthalate
Concen: 44.50 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampled :
PB97012BSD

Tgt Ion:149 Resp: 711090
Ion Ratio Lower Upper
149 100
91 68.9 63.9 95.9
206 20.0 14.6 21.8

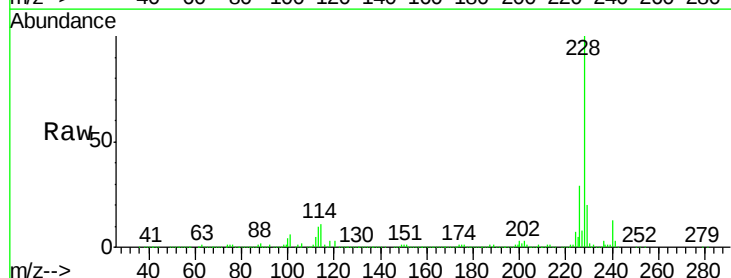


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

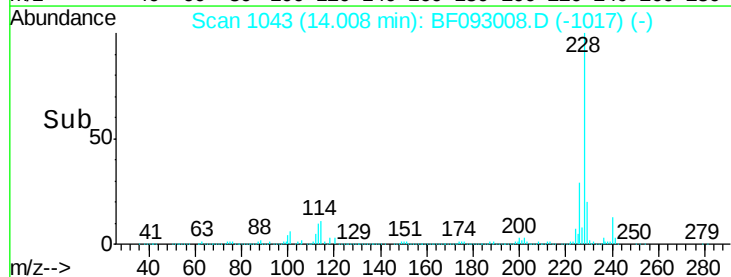
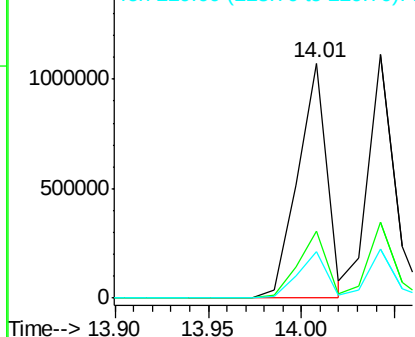


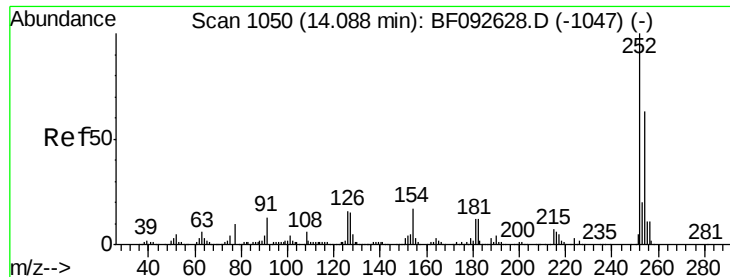
#80
Benzo(a)anthracene
Concen: 36.42 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:228 Resp: 1171391
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 19.8 16.2 24.4



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

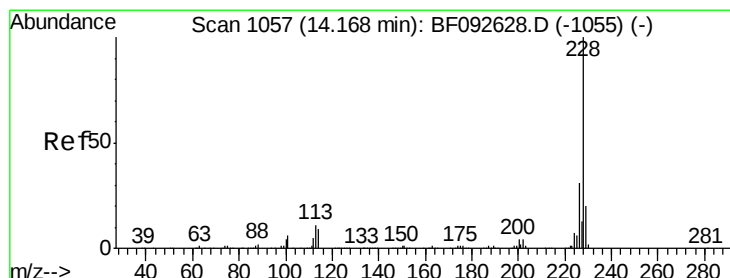
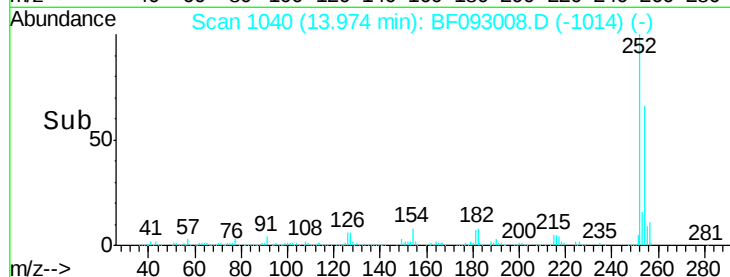
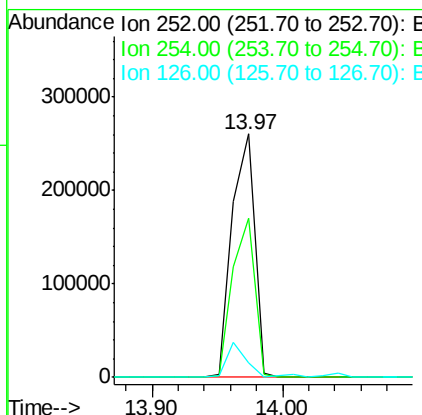
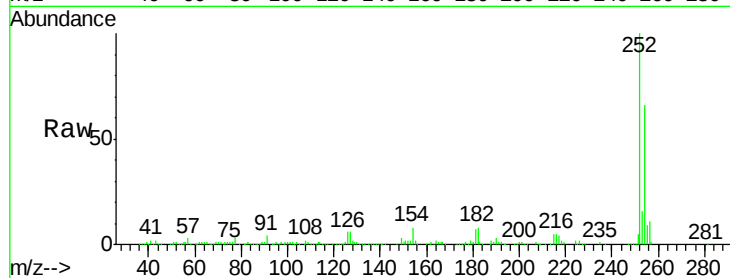




#81
 3,3'-Dichlorobenzidine
 Concen: 27.43 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

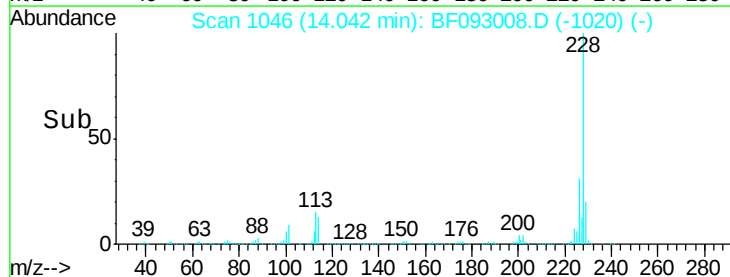
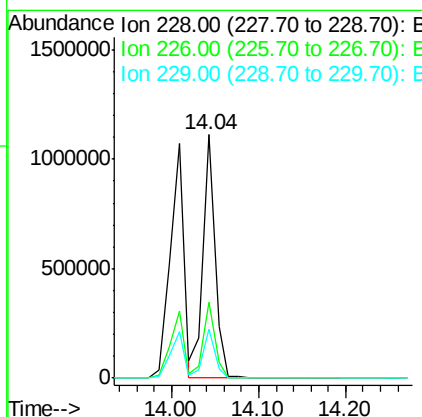
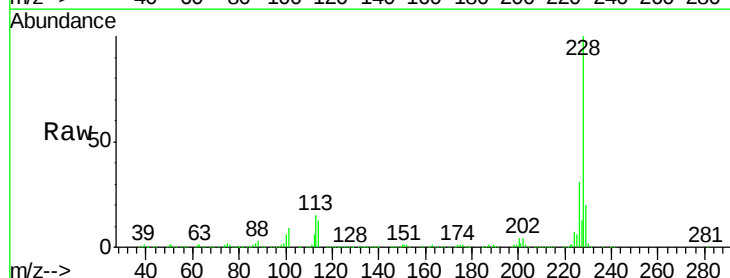
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

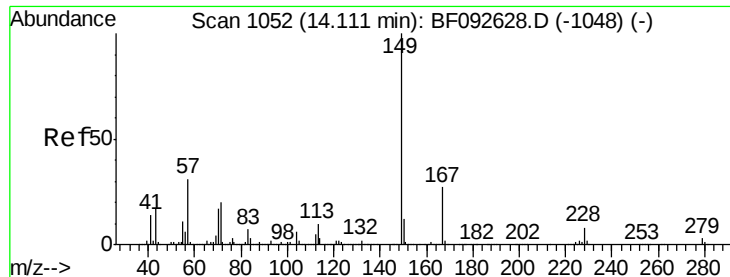
Tgt Ion:252 Resp: 314459
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.3 78.5
 126 6.1 13.6 20.4#



#82
 Chrysene
 Concen: 35.42 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:228 Resp: 1066577
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.4 16.2 24.2

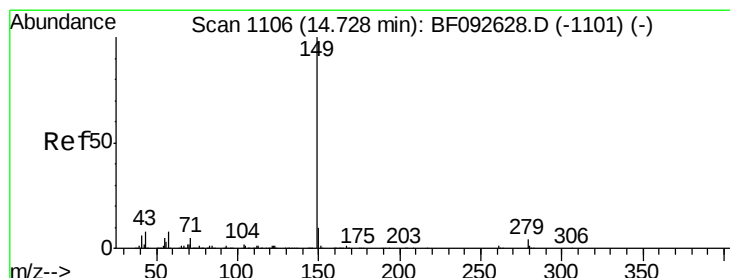
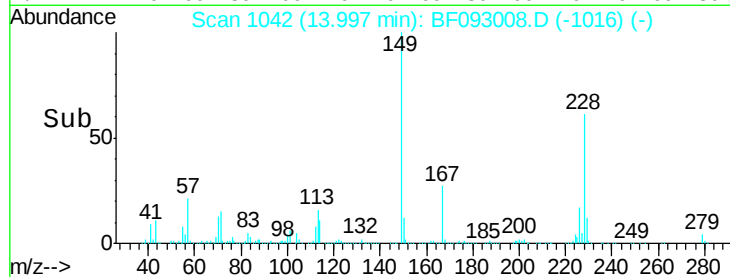
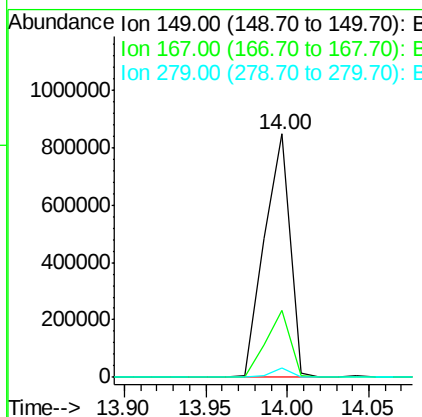
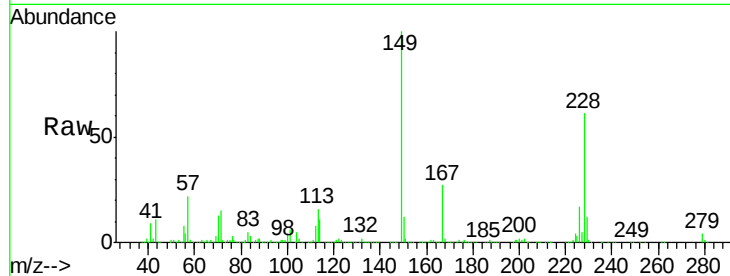




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.57 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

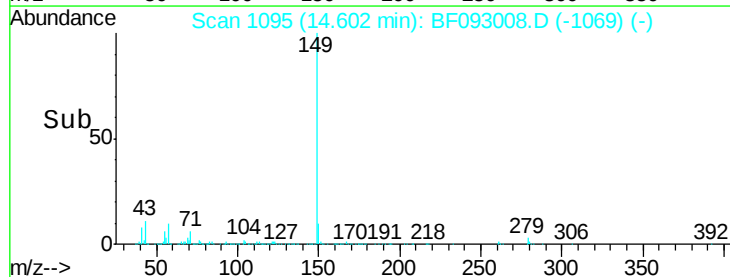
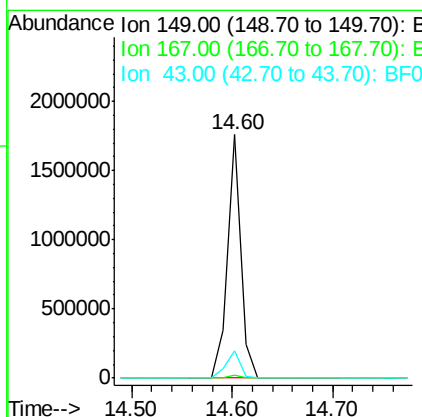
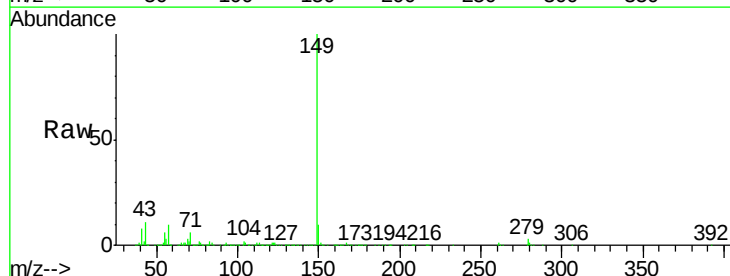
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

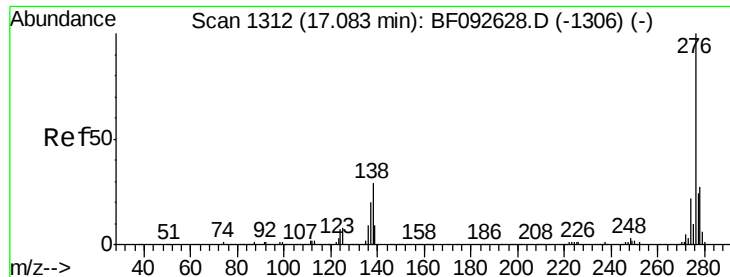
Tgt Ion:149 Resp: 930251
 Ion Ratio Lower Upper
 149 100
 167 27.5 20.2 30.4
 279 4.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 45.73 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:149 Resp: 1627499
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.6 8.9 13.3

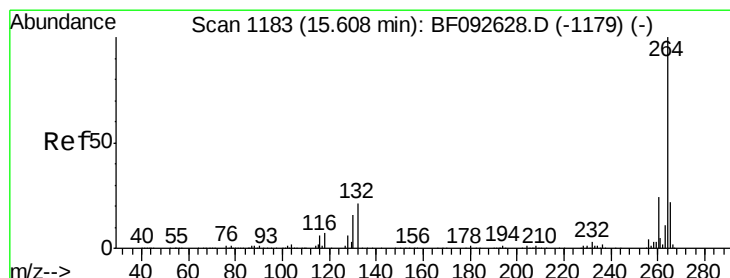
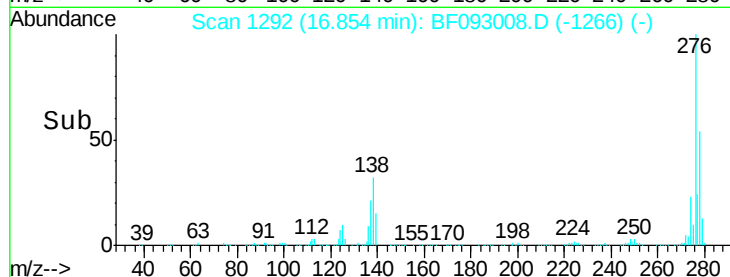
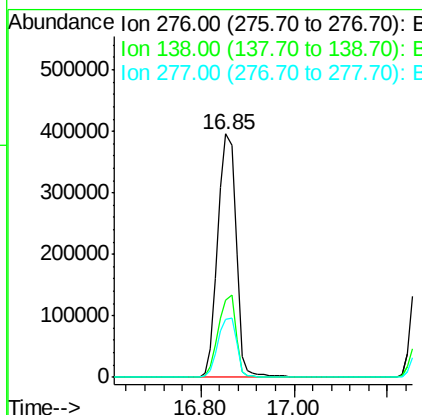
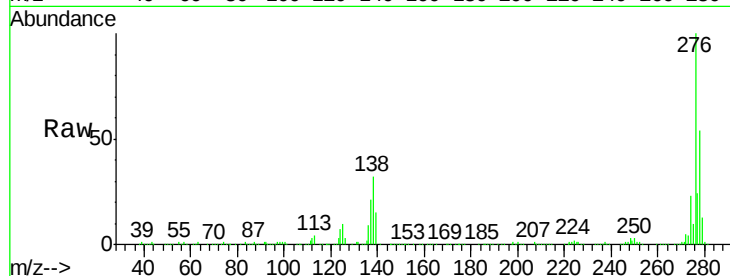




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.36 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

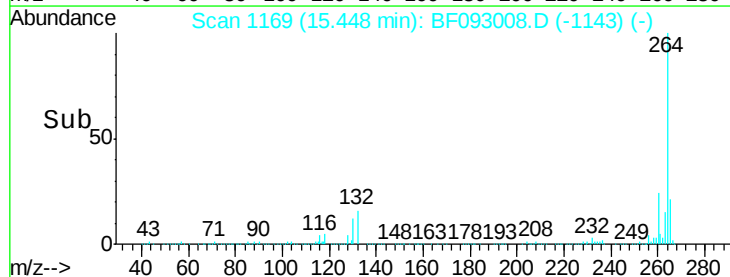
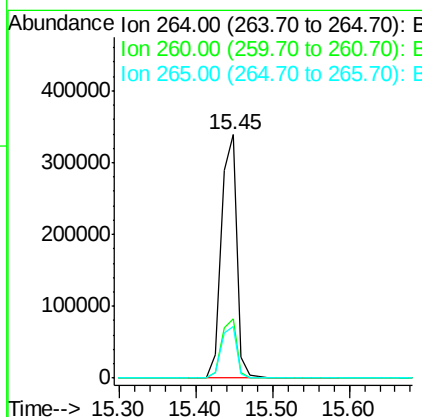
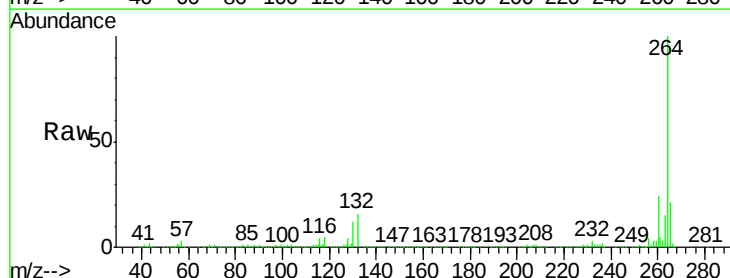
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

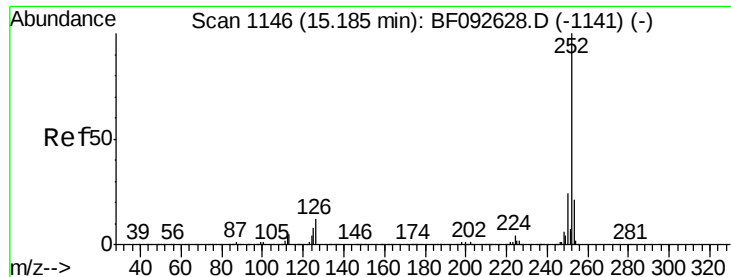
Tgt Ion:276 Resp: 1081157
 Ion Ratio Lower Upper
 276 100
 138 32.5 21.8 32.6
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:264 Resp: 482039
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 37.73 ng

RT: 15.04 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

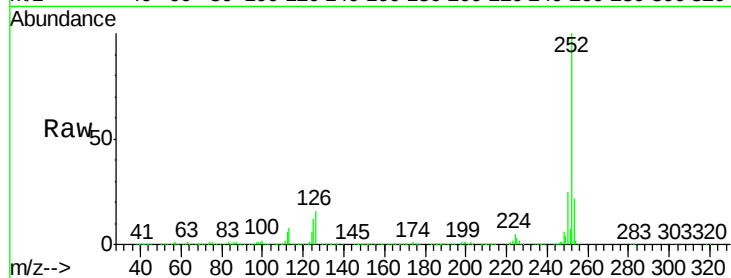
Tgt Ion:252 Resp: 1197101

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

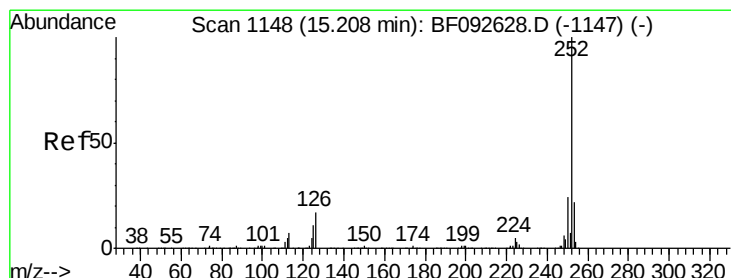
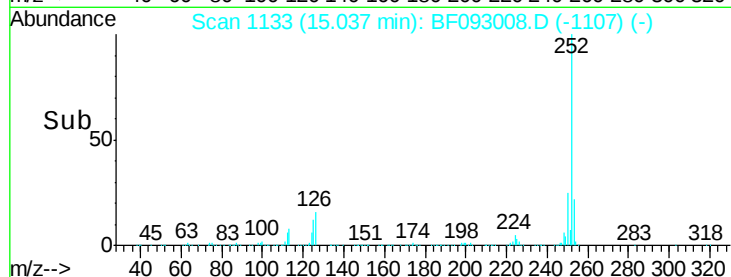
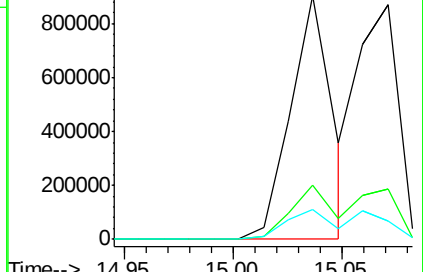
125 12.0 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 43.70 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

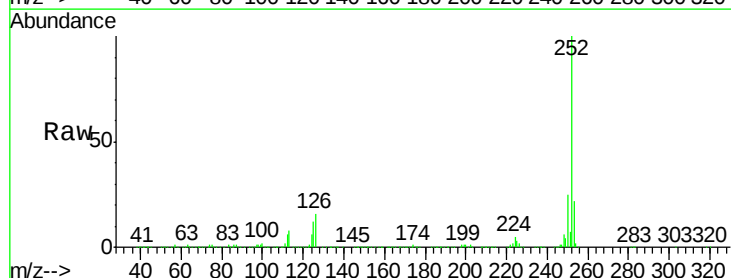
Tgt Ion:252 Resp: 1197101

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

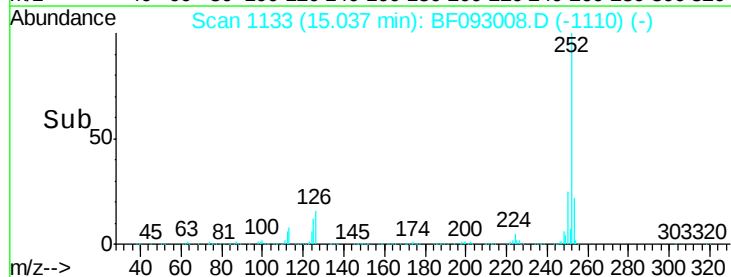
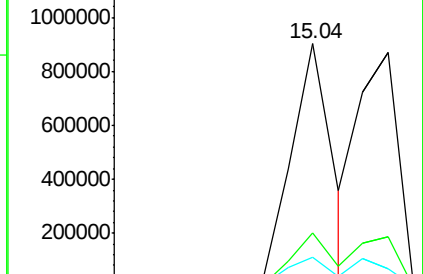
125 12.0 8.9 13.3

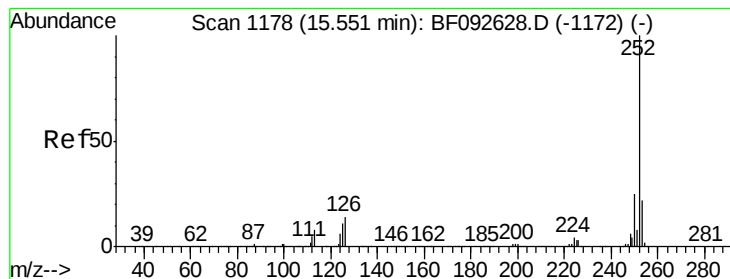


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.93 ng

RT: 15.39 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampled :

PB97012BSD

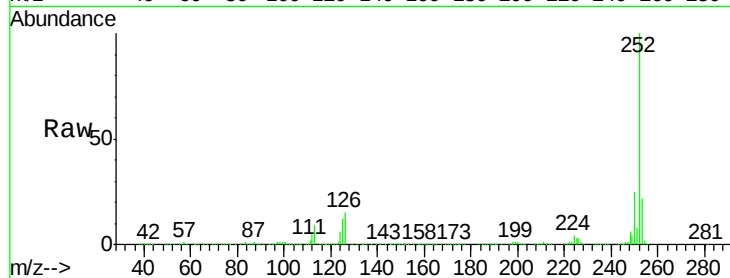
Tgt Ion:252 Resp: 1123322

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

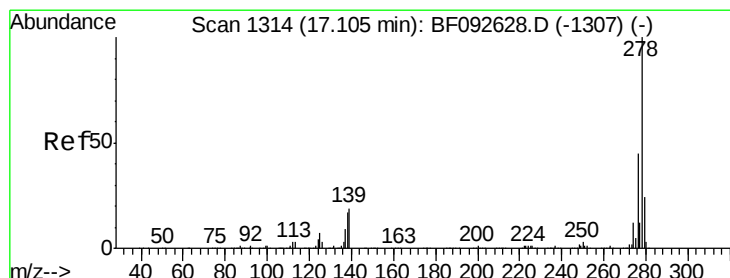
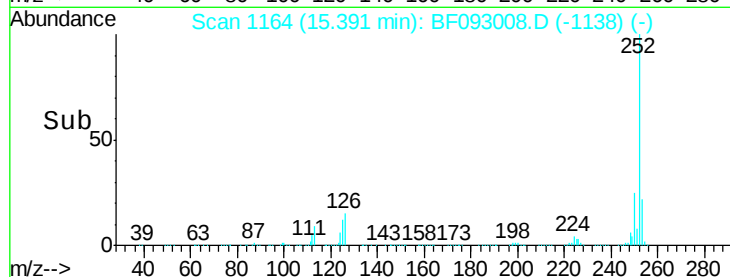
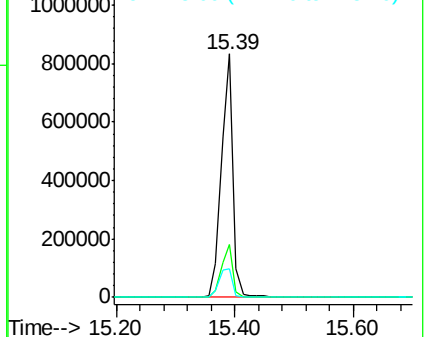
125 11.9 10.0 15.0



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: 39.92 ng

RT: 16.87 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

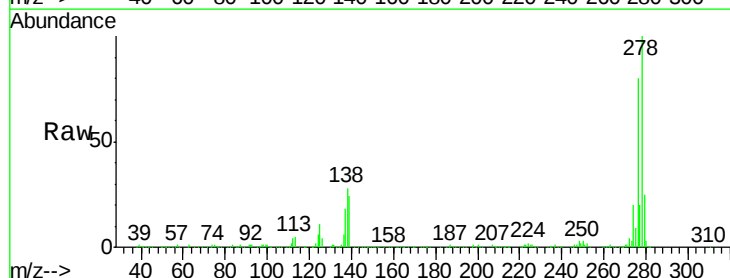
Tgt Ion:278 Resp: 885481

Ion Ratio Lower Upper

278 100

139 23.7 14.8 22.2#

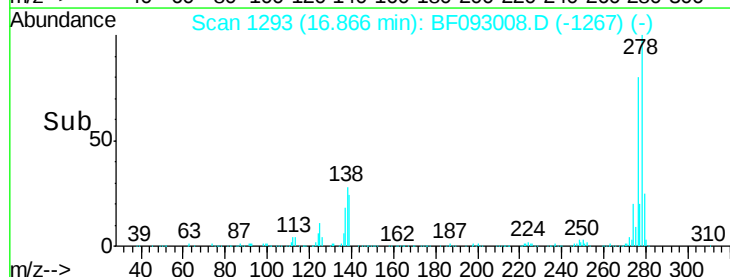
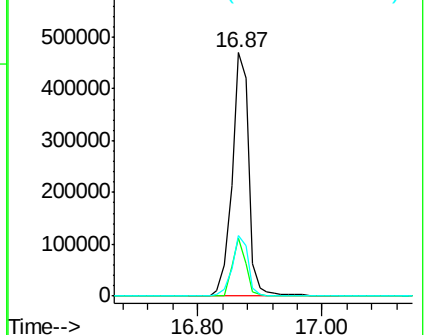
279 24.7 19.8 29.6

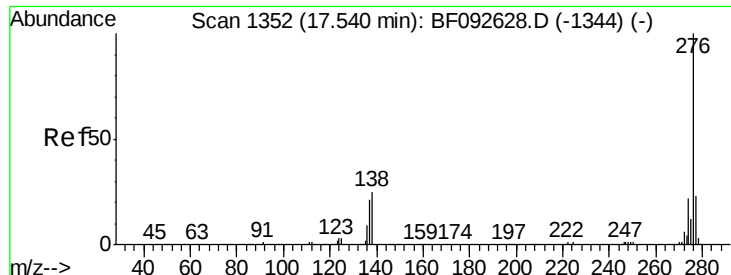


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.79 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

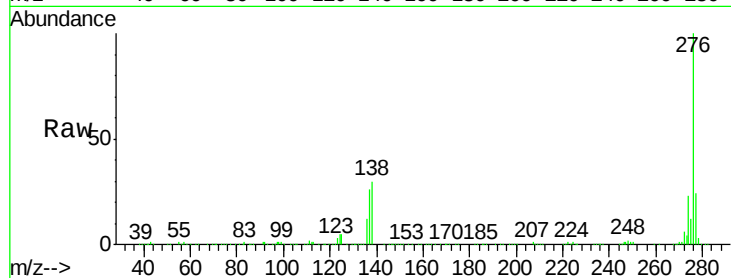
Tgt Ion: 276 Resp: 891506

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 30.3 16.0 24.0#



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

