

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093032.D
 Acq On : 20 Feb 2017 17:03
 Operator : SJ/MA
 Sample : PB97057BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

Quant Time: Feb 20 17:34:47 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	6.84	152	150990	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	601920	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	297469	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	559279	20.00	ng	0.00
75) Chrysene-d12	14.01	240	453539	20.00	ng	-0.01
86) Perylene-d12	15.44	264	403510	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1105102	125.57	ng	0.00
7) Phenol-d6	6.49	99	1473742	130.14	ng	0.00
23) Nitrobenzene-d5	7.42	82	956139	88.46	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	325945	151.50	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1508813	91.89	ng	0.00
78) Terphenyl-d14	12.96	244	1415064	73.31	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	165373	34.78	ng	# 85
3) Pyridine	3.18	79	486526	40.23	ng	86
4) n-Nitrosodimethylamine	3.14	42	246783	43.46	ng	86
6) Aniline	6.51	93	419767	27.18	ng	# 65
8) 2-Chlorophenol	6.64	128	447813	46.12	ng	92
9) Benzaldehyde	6.40	77	90537	11.16	ng	96
10) Phenol	6.50	94	484189	36.55	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	459635	43.46	ng	96
12) 1,3-Dichlorobenzene	7.02	146	435416	38.29	ng	97
13) 1,4-Dichlorobenzene	6.86	146	490737	42.64	ng	96
14) 1,2-Dichlorobenzene	6.86	146	490737	44.59	ng	95
15) Benzyl Alcohol	6.99	79	363776	43.39	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	783342	42.64	ng	95
17) 2-Methylphenol	7.12	107	383600	46.05	ng	96
18) Hexachloroethane	7.36	117	162769	41.43	ng	# 86
19) n-Nitroso-di-n-propylamine	7.26	70	295455	40.99	ng	95
20) 3+4-Methylphenols	7.26	107	441327	44.31	ng	# 74
22) Acetophenone	7.26	105	565950	41.18	ng	# 93
24) Nitrobenzene	7.44	77	451695	40.70	ng	97
25) Isophorone	7.68	82	859643	42.68	ng	96
26) 2-Nitrophenol	7.76	139	249255	47.24	ng	95
27) 2,4-Dimethylphenol	7.80	122	432452	46.67	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	586160	43.94	ng	100
29) 2,4-Dichlorophenol	8.00	162	367083	42.48	ng	87
30) 1,2,4-Trichlorobenzene	8.08	180	382453	41.07	ng	# 94
31) Naphthalene	8.16	128	1179835	38.67	ng	99
32) Benzoic acid	7.94	122	231898	44.74	ng	91
33) 4-Chloroaniline	8.21	127	247417	20.68	ng	99
34) Hexachlorobutadiene	8.28	225	204982	40.01	ng	98
35) Caprolactam	8.59	113	86466	31.81	ng	# 59
36) 4-Chloro-3-methylphenol	8.70	107	386919	42.95	ng	100
37) 2-Methylnaphthalene	8.85	142	816208	41.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	381181	45.65	ng	100
40) Hexachlorocyclopentadiene	9.00	237	308793	81.96	ng	94

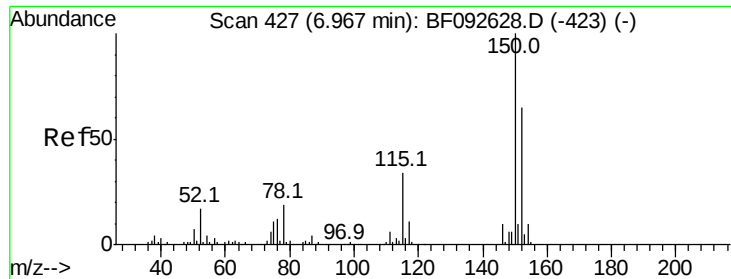
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	280698	51.16	nq	94
43) 2,4,5-Trichlorophenol	9.18	196	280466	46.65	nq #	87
45) 1,1'-Biphenyl	9.32	154	1035121	48.06	nq	99
46) 2-Chloronaphthalene	9.34	162	818237	48.56	nq	98
47) 2-Nitroaniline	9.45	65	285846	50.46	nq #	80
48) Acenaphthylene	9.76	152	1201372	41.27	nq	99
49) Dimethylphthalate	9.62	163	943457	47.09	nq	98
50) 2,6-Dinitrotoluene	9.69	165	224202	51.81	nq	94
51) Acenaphthene	9.93	154	711575	40.89	nq	96
52) 3-Nitroaniline	9.86	138	142591	28.79	nq #	73
53) 2,4-Dinitrophenol	9.97	184	239004	106.89	nq	94
54) Dibenzofuran	10.10	168	1039974	44.68	nq	97
55) 4-Nitrophenol	10.03	139	316300	88.68	nq	93
56) 2,4-Dinitrotoluene	10.09	165	256962	44.61	nq	91
57) Fluorene	10.44	166	814752	45.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	221401	55.21	nq	97
59) Diethylphthalate	10.32	149	870108	46.08	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	358164	41.63	nq	96
61) 4-Nitroaniline	10.48	138	250247	49.34	nq	81
62) Azobenzene	10.59	77	987609	50.63	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	159496	46.92	nq #	55
65) n-Nitrosodiphenylamine	10.56	169	760355	42.56	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	231283	39.58	nq	98
67) Hexachlorobenzene	10.99	284	239650	41.50	nq	97
68) Atrazine	11.08	200	221280	38.59	nq	99
69) Pentachlorophenol	11.18	266	253162	84.49	nq	97
70) Phenanthrene	11.40	178	1249629	39.00	nq	98
71) Anthracene	11.46	178	1362047	42.33	nq	98
72) Carbazole	11.61	167	1108944	36.05	nq	99
73) Di-n-butylphthalate	11.94	149	1520628	45.71	nq #	97
74) Fluoranthene	12.59	202	1419906	42.96	nq	93
76) Benzidine	12.70	184	377777	19.55	nq	97
77) Pyrene	12.82	202	1440543	42.44	nq	99
79) Butylbenzylphthalate	13.44	149	683133	49.56	nq #	73
80) Benzo(a)anthracene	14.00	228	1135313	40.93	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	269317	27.24	nq #	96
82) Chrysene	14.04	228	1161812	44.73	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	855288	45.37	nq	99
84) Di-n-octyl phthalate	14.60	149	1545672	50.36	nq	100
85) Indeno(1,2,3-cd)pyrene	16.84	276	887700	44.13	nq	94
87) Benzo(b)fluoranthene	15.06	252	2057227	77.46	nq	99
88) Benzo(k)fluoranthene	15.06	252	2058232	89.76	nq	98
89) Benzo(a)pyrene	15.38	252	974336	42.41	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	743889	40.06	nq #	95
91) Benzo(g,h,i)perylene	17.27	276	732427	39.05	nq #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093032.D

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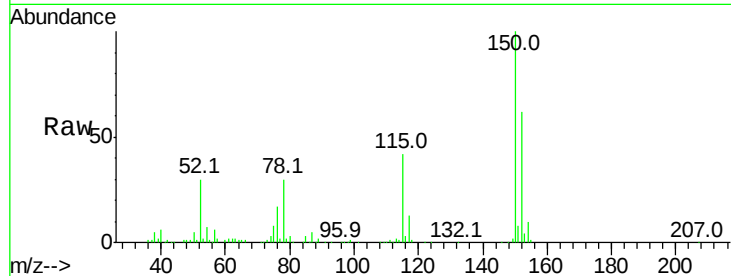
Tot Ion:152 Resp: 150990

Ion Ratio Lower Upper

152 100

150 160.7 124.9 187.3

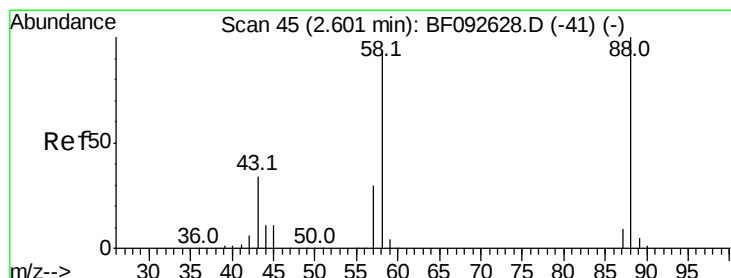
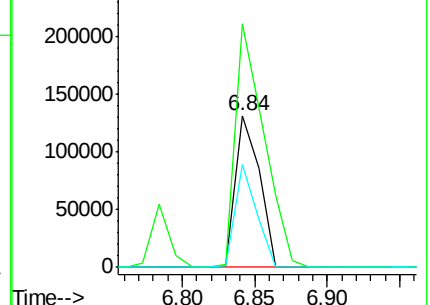
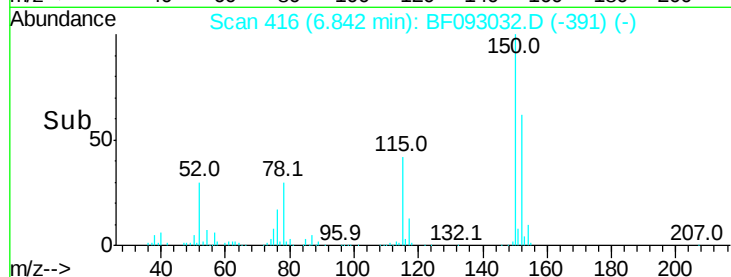
115 67.5 46.0 69.0



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: 34.78 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.05 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

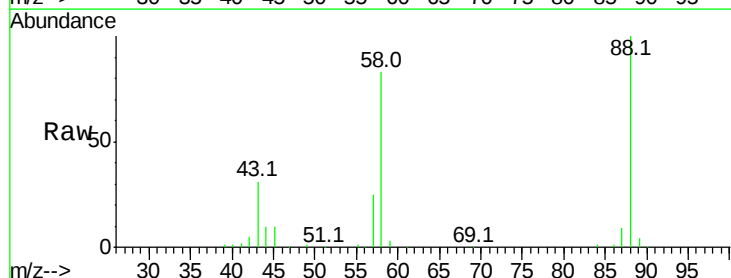
Tgt Ion: 88 Resp: 165373

Ion Ratio Lower Upper

88 100

58 87.0 57.8 86.8#

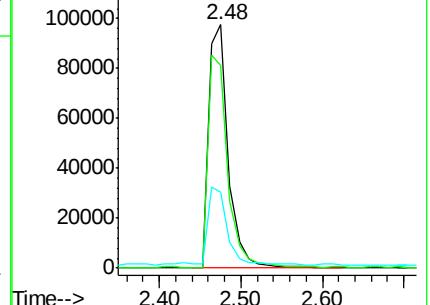
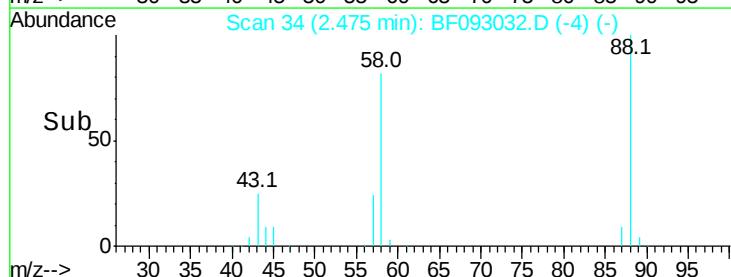
43 33.0 22.3 33.5

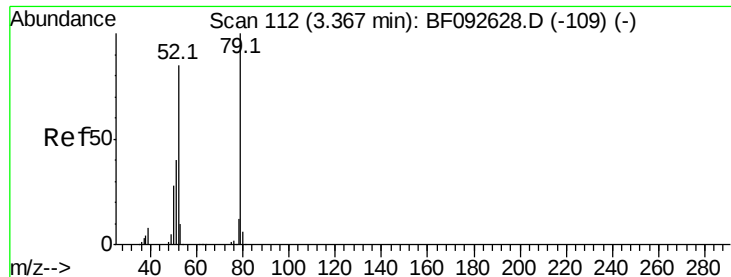


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.23 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.03 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

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ClientSampleId :

PB97057BS

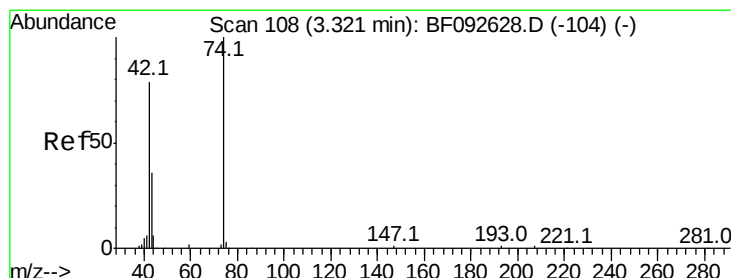
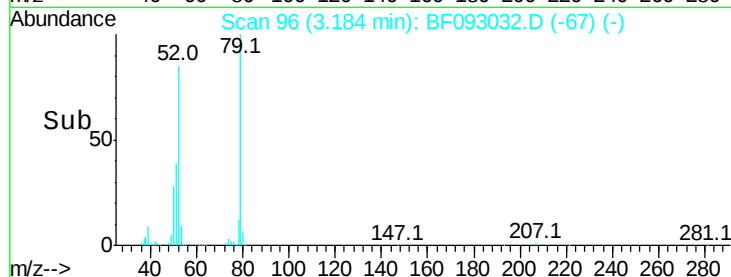
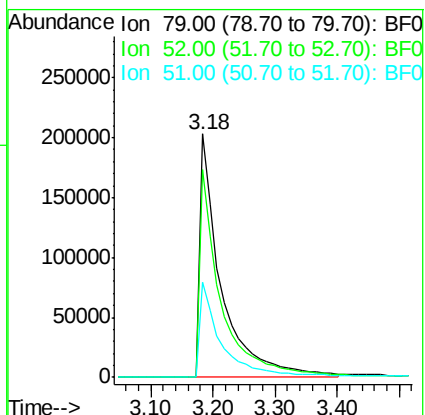
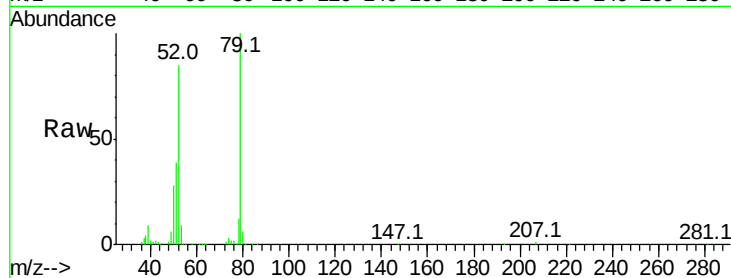
Tot Ion: 79 Resp: 486526

Ion Ratio Lower Upper

79 100

52 85.3 57.1 85.7

51 39.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.46 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.03 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

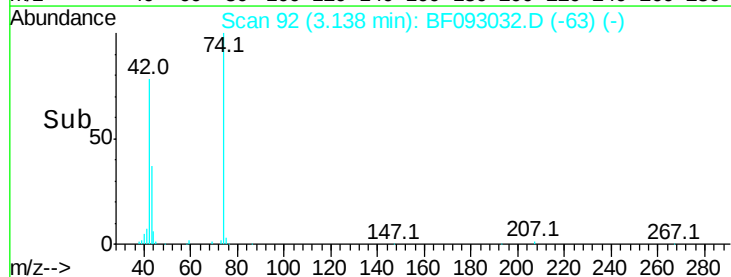
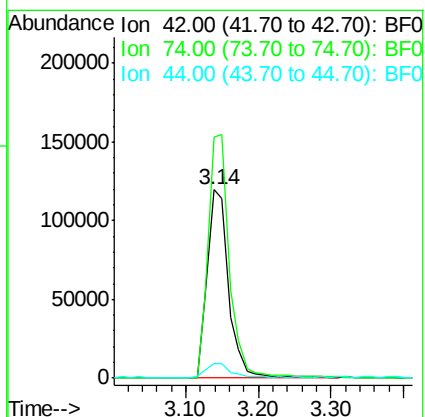
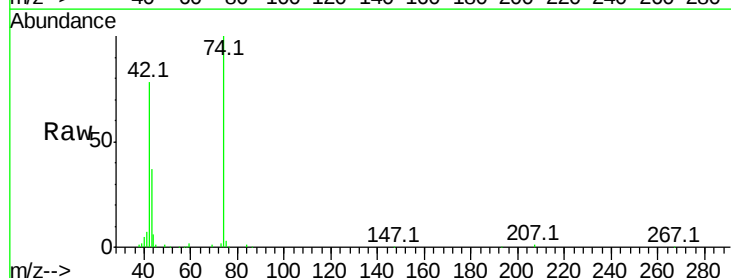
Tgt Ion: 42 Resp: 246783

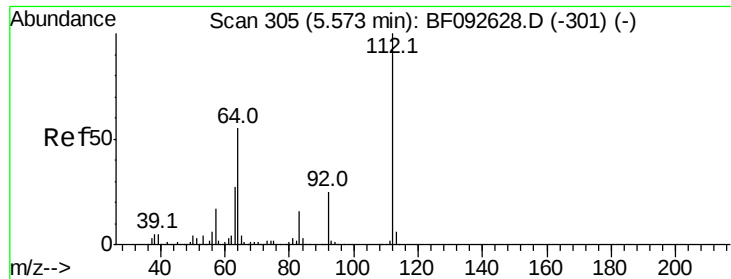
Ion Ratio Lower Upper

42 100

74 127.8 117.0 175.4

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 125.57 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

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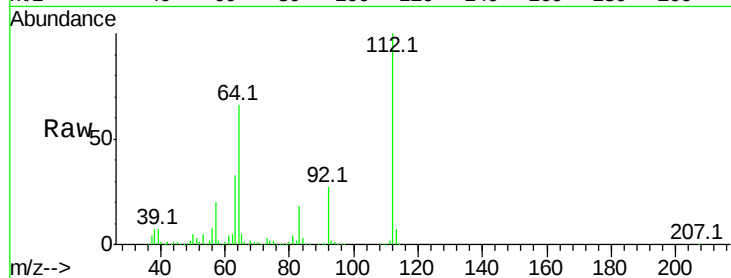
Tot Ion:112 Resp: 1105102

Ion Ratio Lower Upper

112 100

64 66.0 46.1 69.1

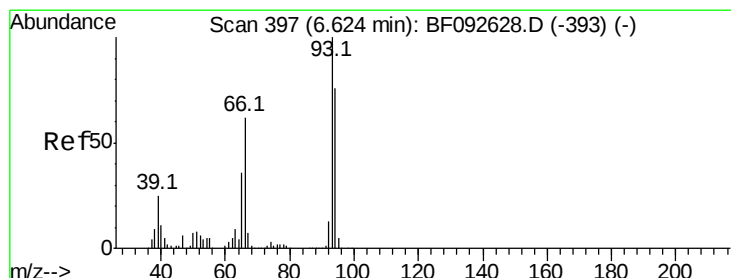
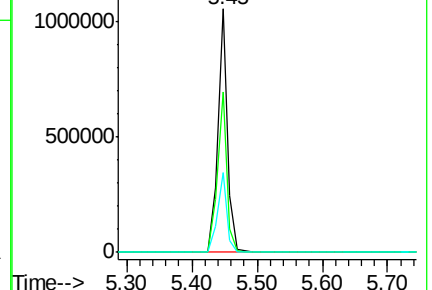
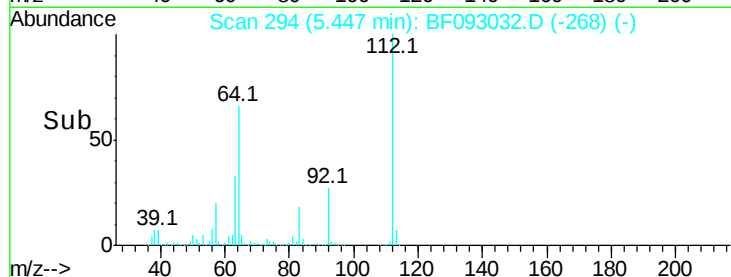
63 33.0 23.8 35.6



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: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

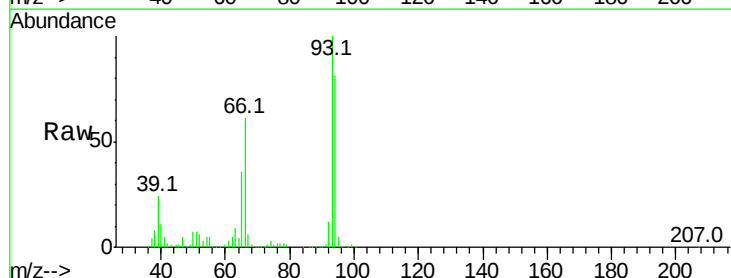
Tgt Ion: 93 Resp: 419767

Ion Ratio Lower Upper

93 100

66 60.5 76.2 114.2#

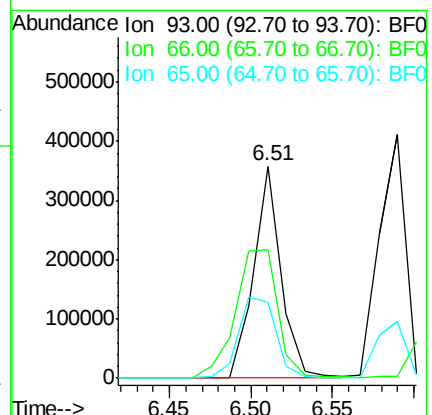
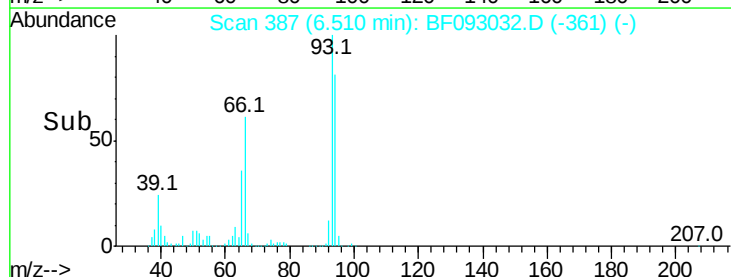
65 35.5 49.3 73.9#

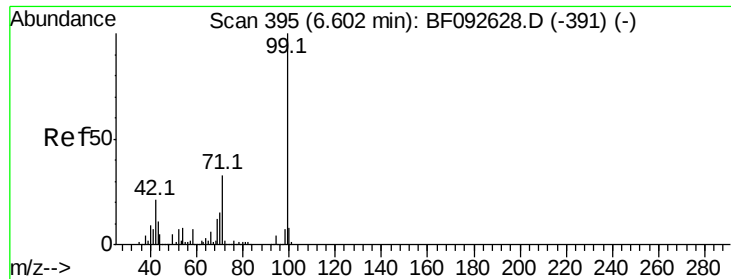


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.14 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093032.D

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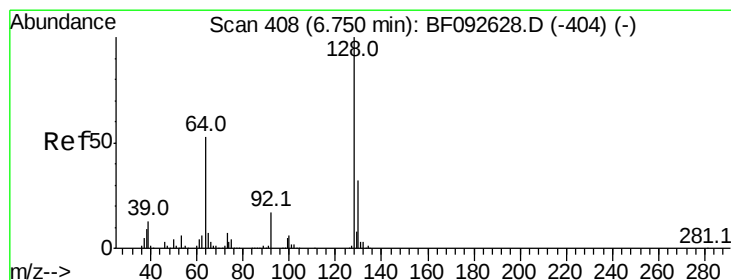
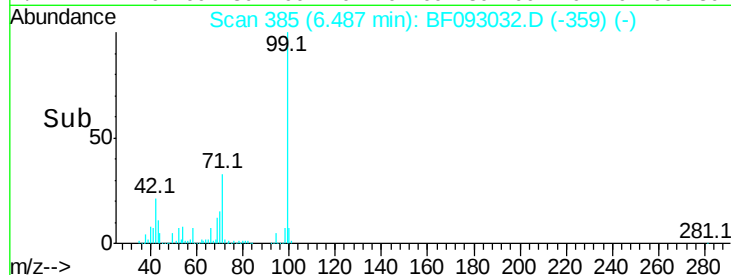
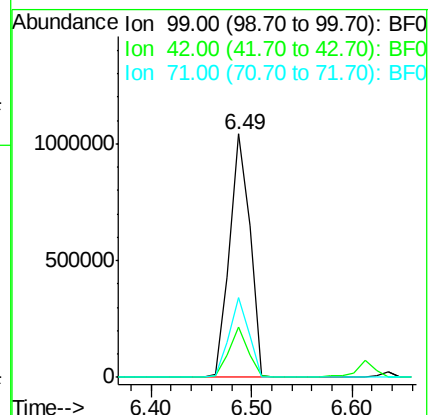
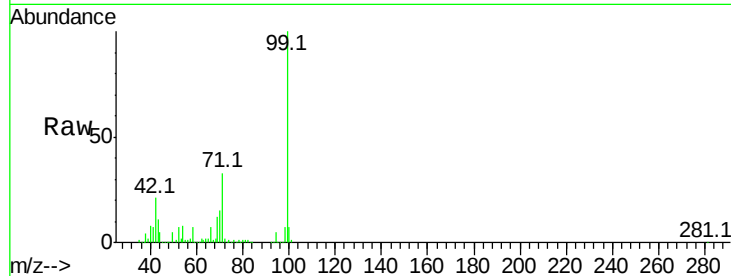
Tot Ion: 99 Resp: 1473742

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

71 32.8 27.5 41.3



#8

2-Chlorophenol

Concen: 46.12 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

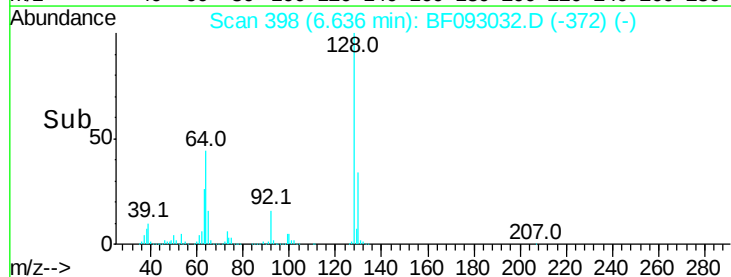
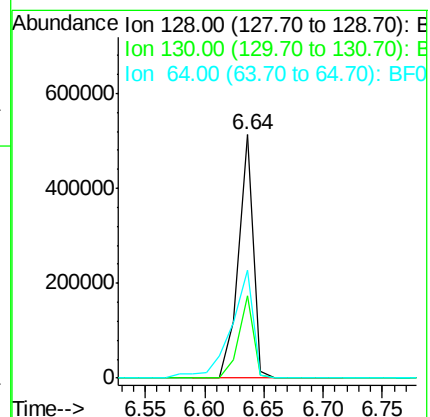
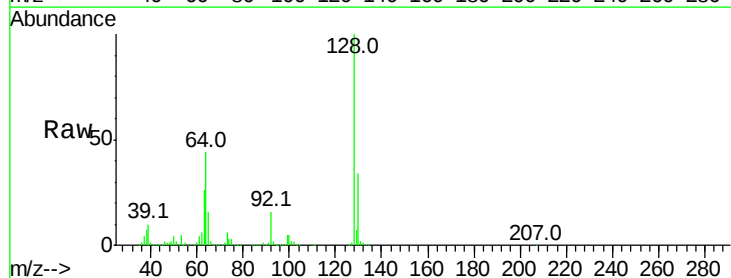
Tgt Ion:128 Resp: 447813

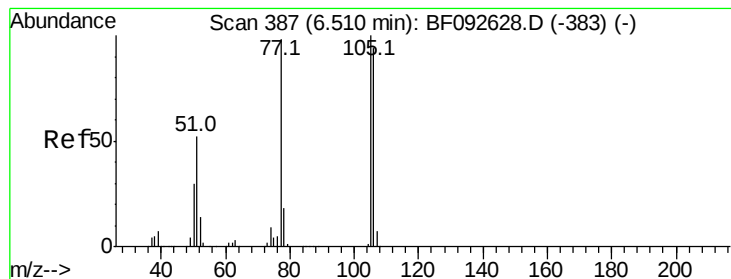
Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

64 44.2 32.2 72.2





#9

Benzaldehyde

Concen: 11.16 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

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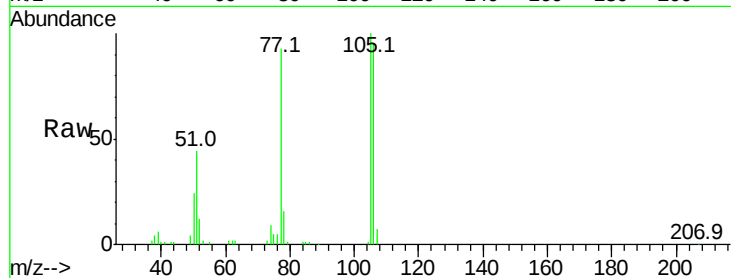
Tot Ion: 77 Resp: 90537

Ion Ratio Lower Upper

77 100

105 107.2 83.9 123.9

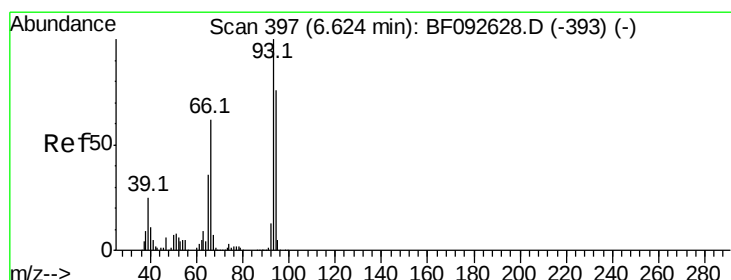
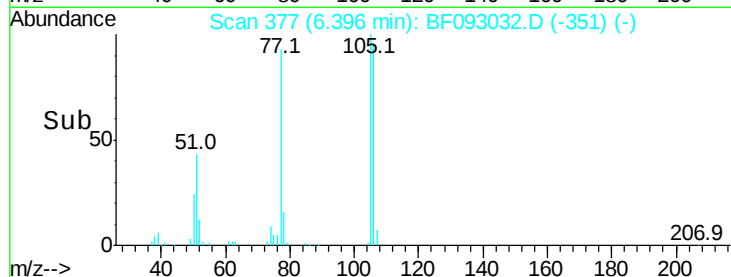
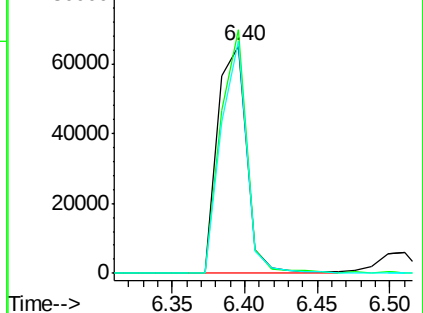
106 102.0 77.6 117.6



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: 36.55 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

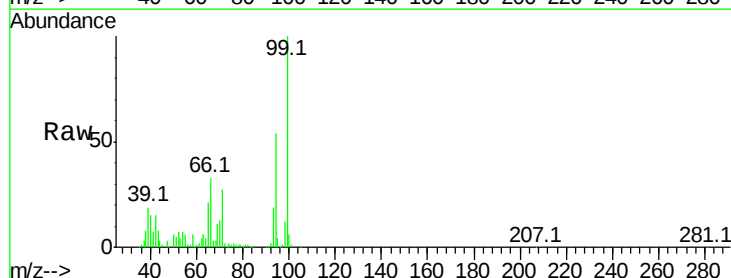
Tgt Ion: 94 Resp: 484189

Ion Ratio Lower Upper

94 100

65 39.2 21.4 61.4

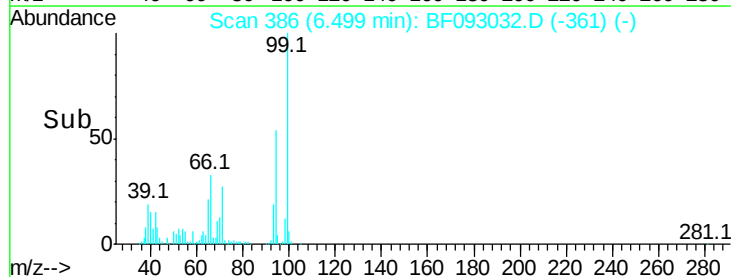
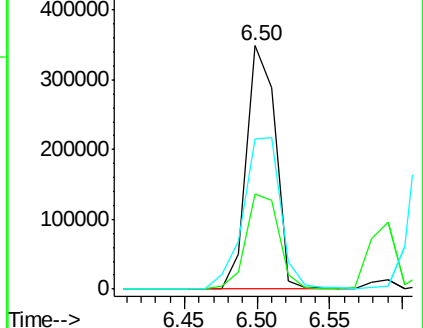
66 61.7 44.0 84.0

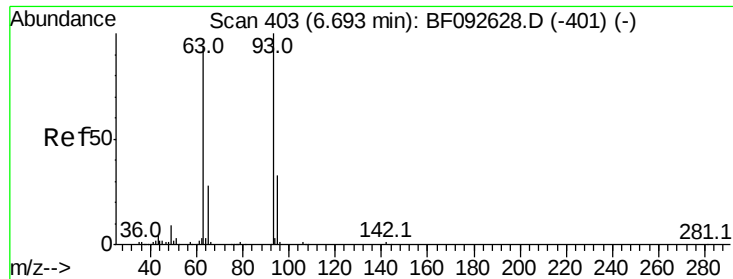


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.46 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

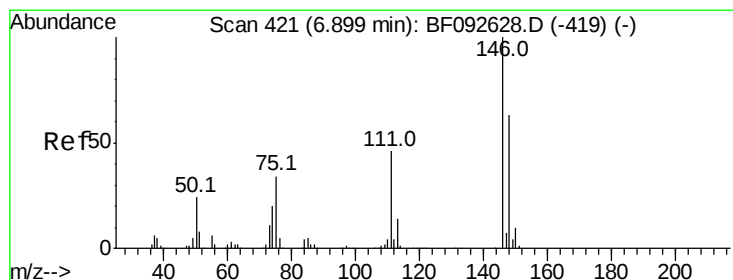
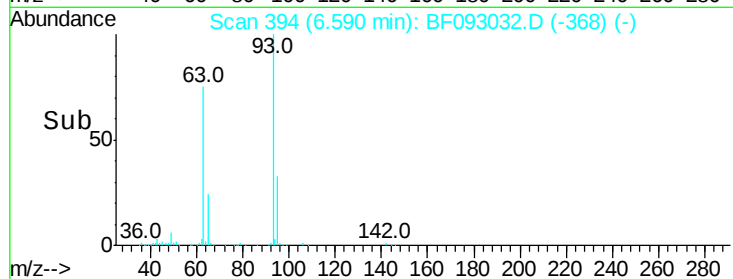
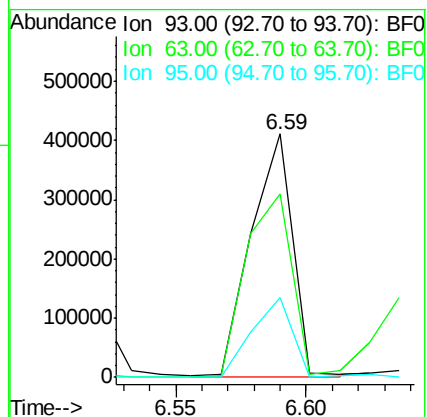
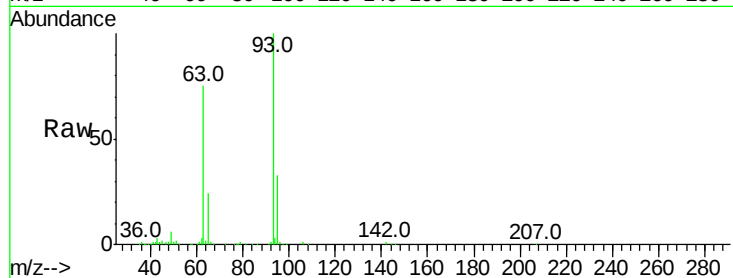
Tot Ion: 93 Resp: 459635

Ion Ratio Lower Upper

93 100

63 75.2 60.4 100.4

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.29 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.23 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

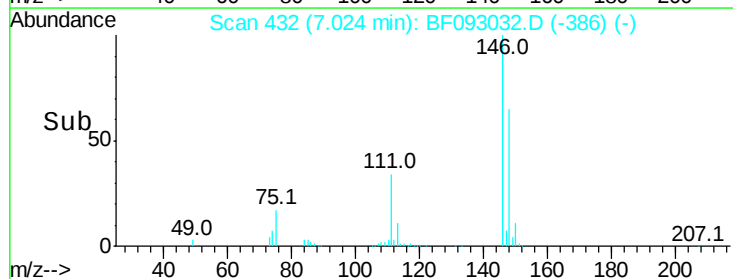
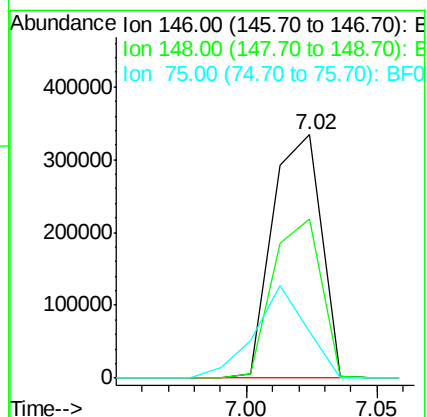
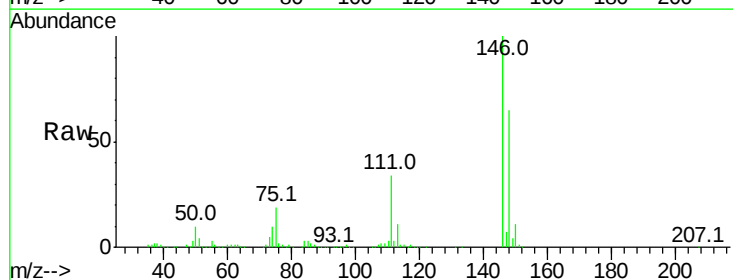
Tgt Ion: 146 Resp: 435416

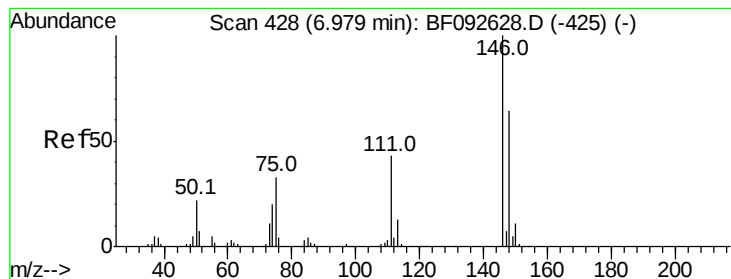
Ion Ratio Lower Upper

146 100

148 65.5 53.4 80.0

75 18.9 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 42.64 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

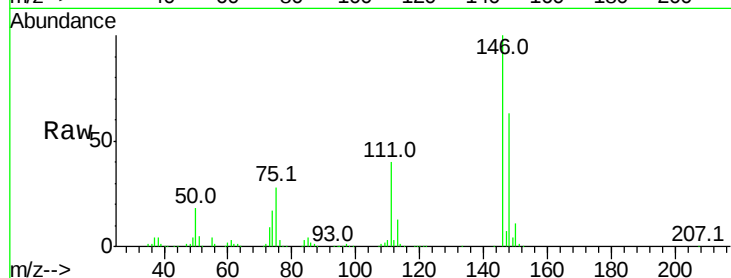
Tot Ion:146 Resp: 490737

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

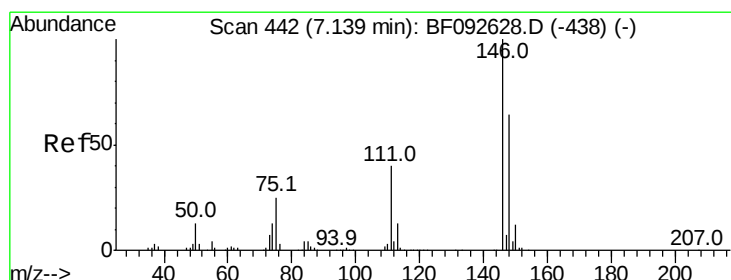
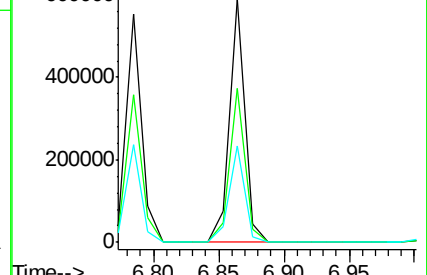
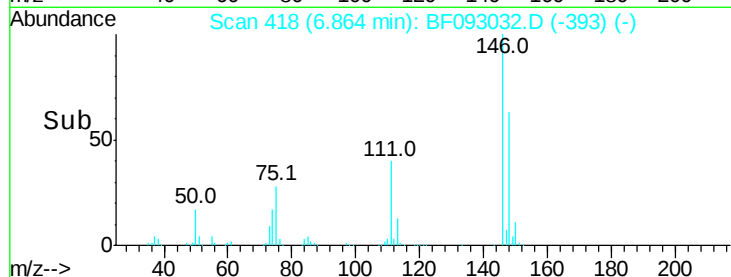
111 39.6 36.2 54.4



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: 44.59 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.16 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

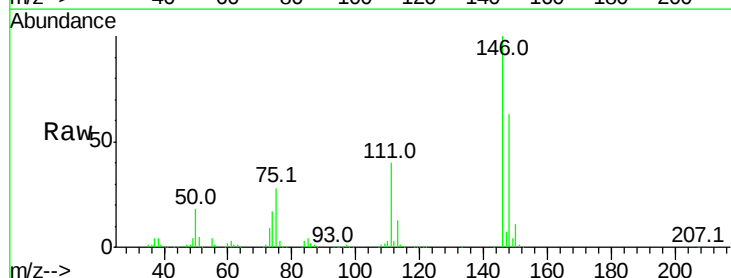
Tgt Ion:146 Resp: 490737

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

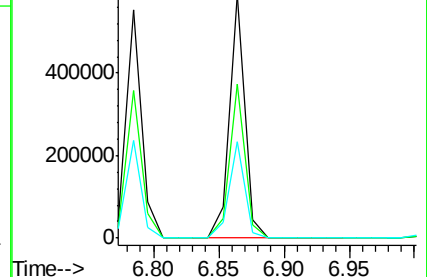
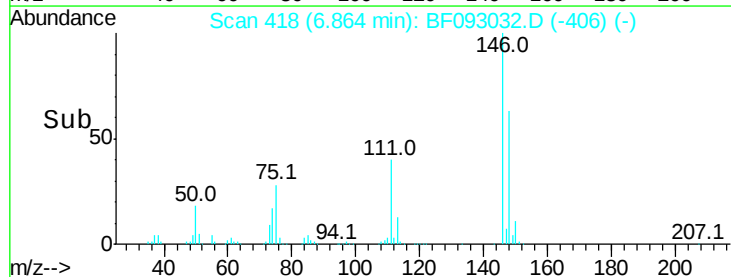
111 39.6 36.2 54.2

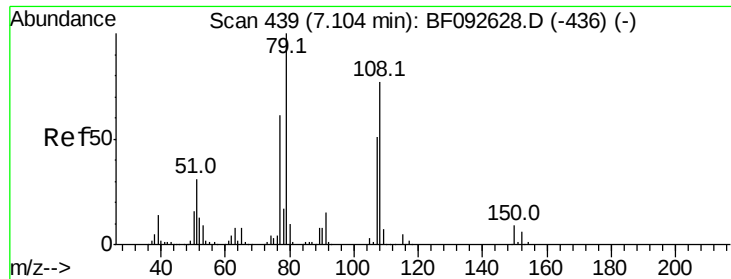


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.39 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampled :

PB97057BS

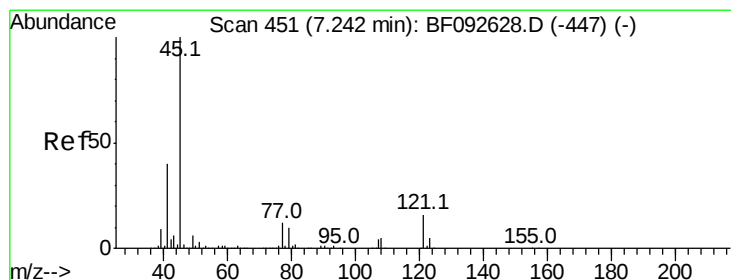
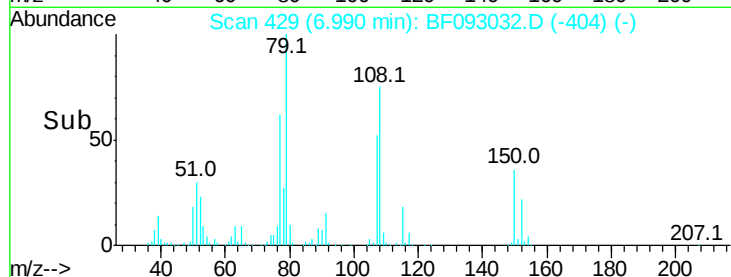
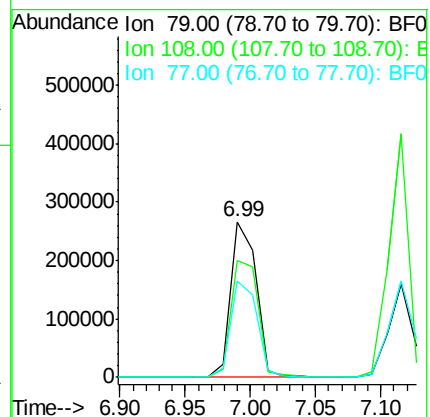
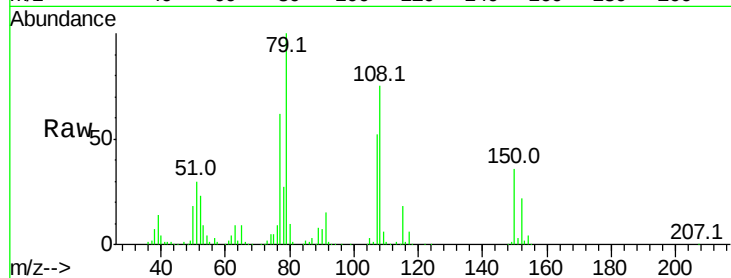
Tot Ion: 79 Resp: 363776

Ion Ratio Lower Upper

79 100

108 75.2 61.4 92.0

77 61.9 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.64 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

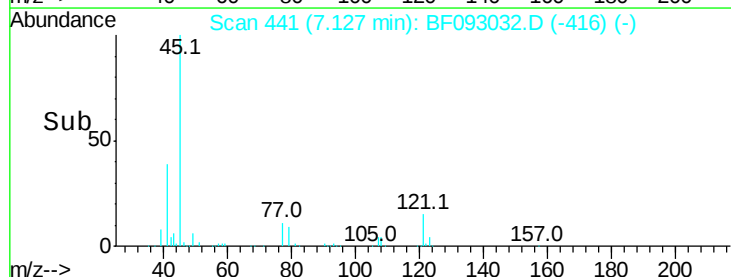
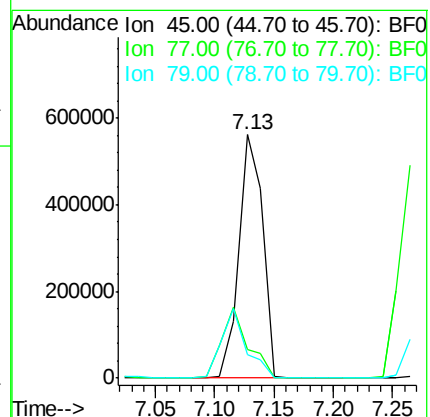
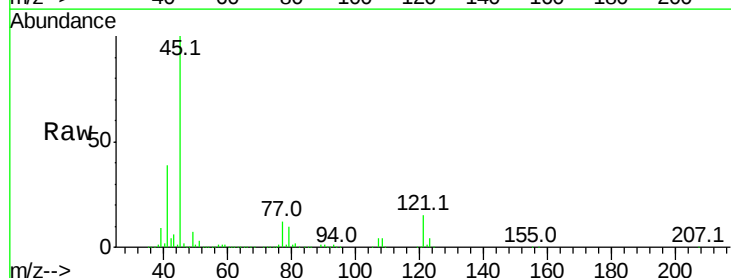
Tgt Ion: 45 Resp: 783342

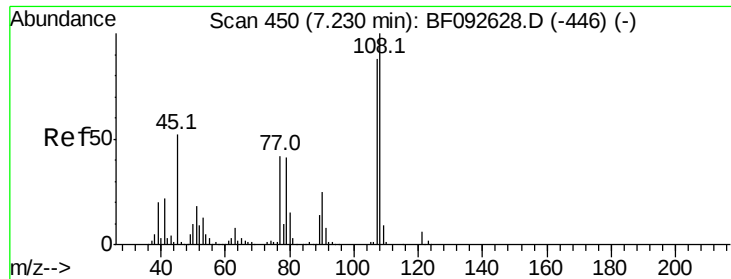
Ion Ratio Lower Upper

45 100

77 11.9 0.0 34.6

79 9.7 0.0 31.2





#17

2-Methylphenol

Concen: 46.05 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

Tot Ion:107 Resp: 383600

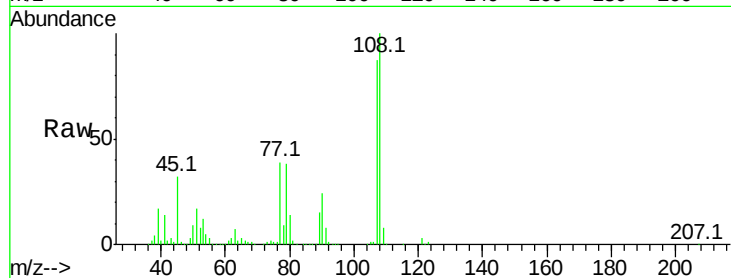
Ion Ratio Lower Upper

107 100

108 114.3 93.0 139.6

77 45.1 39.8 59.8

79 43.9 38.0 57.0

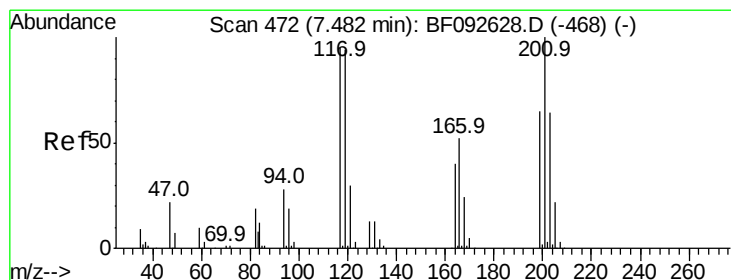
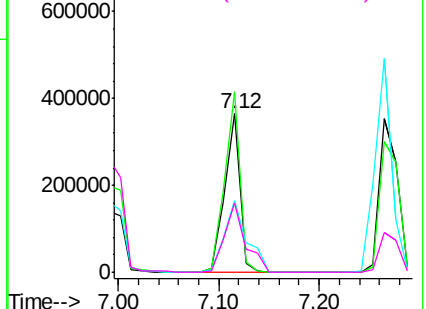
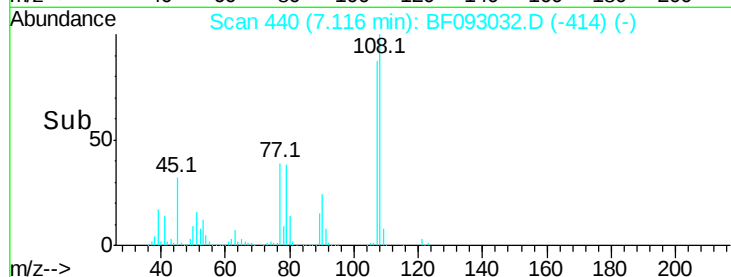


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.43 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

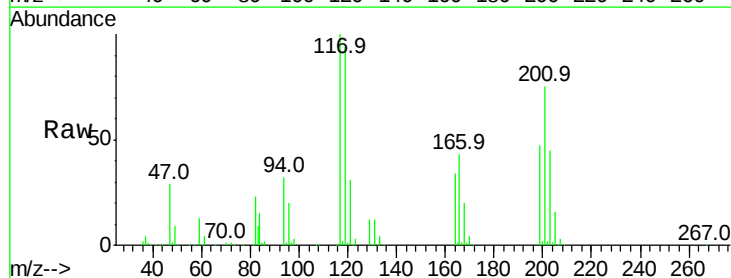
Tgt Ion:117 Resp: 162769

Ion Ratio Lower Upper

117 100

119 94.3 78.1 117.1

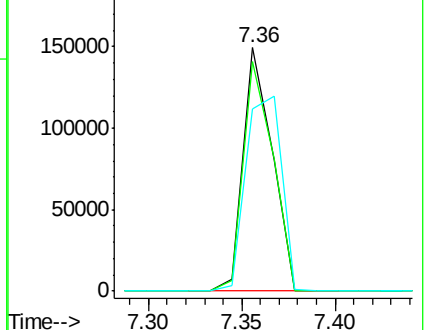
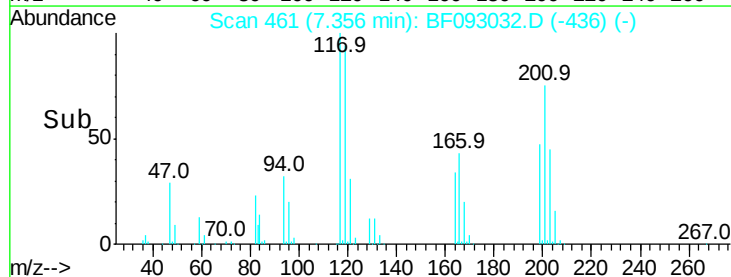
201 74.7 78.6 117.8#

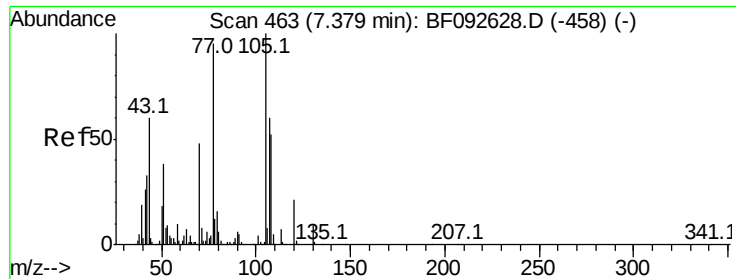


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

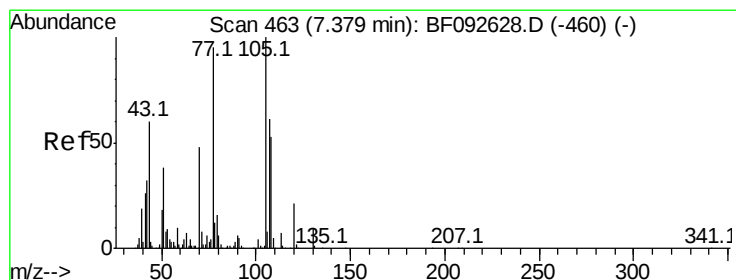
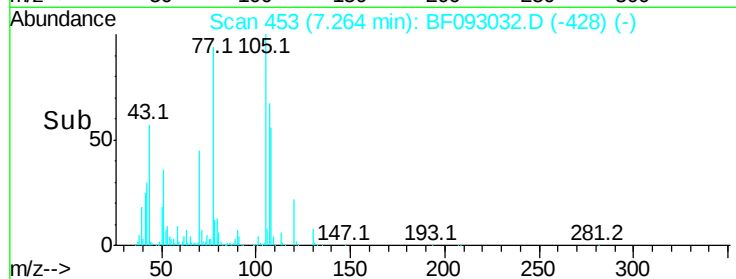
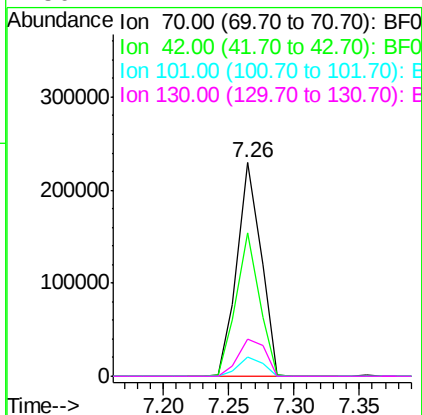
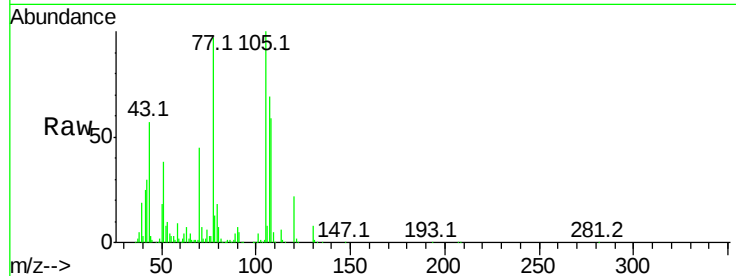




#19
n-Nitroso-di-n-propylamine
Concen: 40.99 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

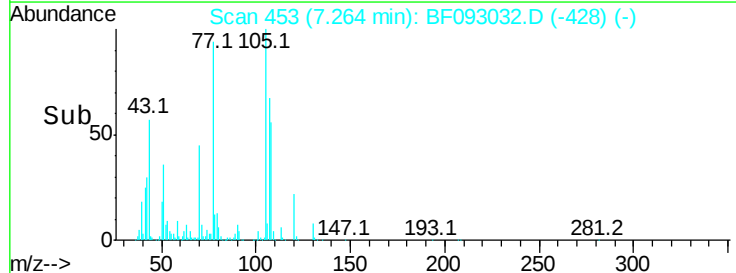
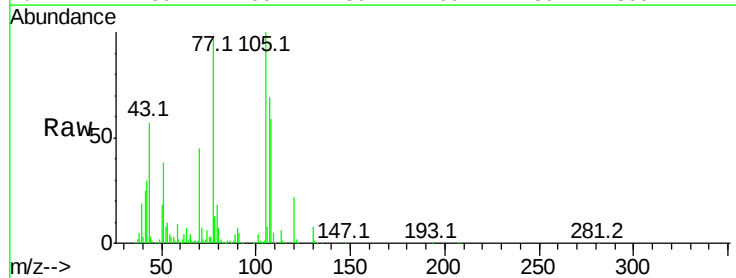
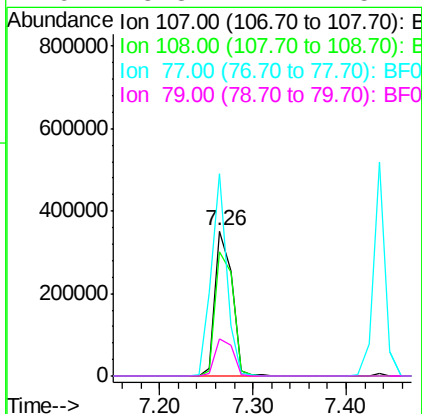
Instrument :
BNA_F
ClientSampleId :
PB97057BS

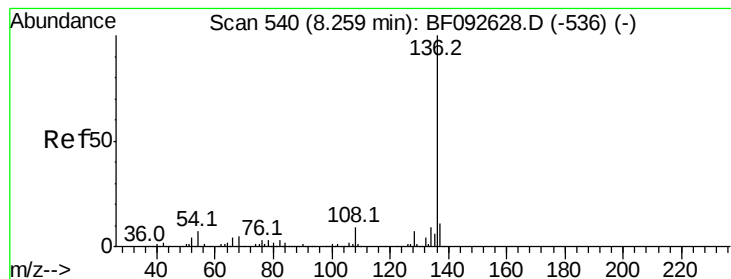
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	49.4	74.0
101	9.2	7.4	11.2
130	17.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.31 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	73.0	113.0
77	139.5	71.3	111.3#
79	25.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

Tot Ion:136 Resp: 601920

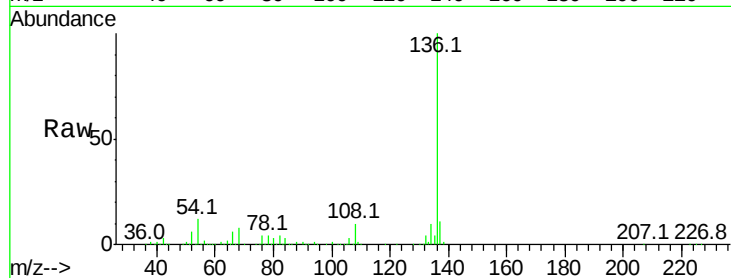
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 12.2 4.5 6.7#

68 8.3 3.6 5.4#

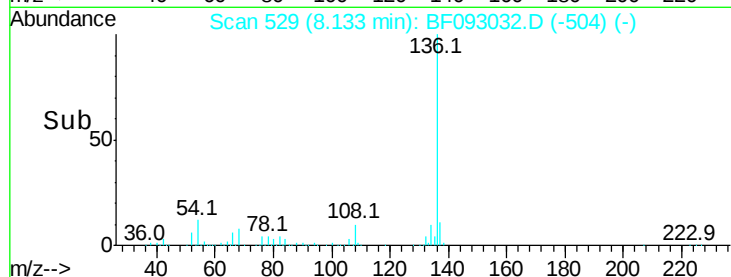


Abundance Ion 136.00 (135.70 to 136.70): E

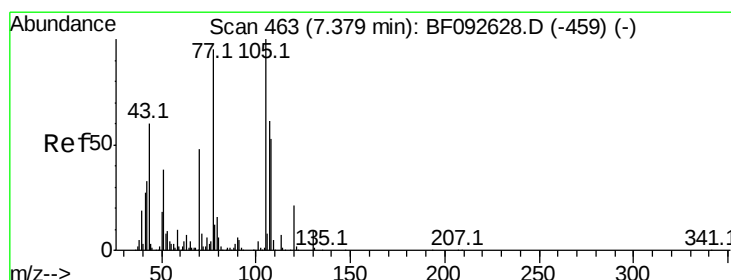
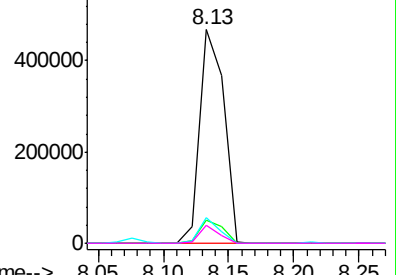
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.18 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Tgt Ion:105 Resp: 565950

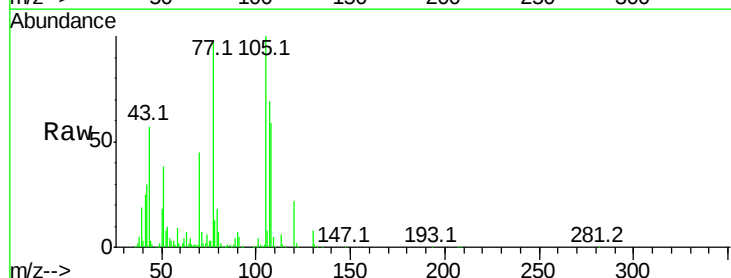
Ion Ratio Lower Upper

105 100

71 7.4 3.2 4.8#

51 37.7 26.2 39.4

120 22.2 16.6 24.8

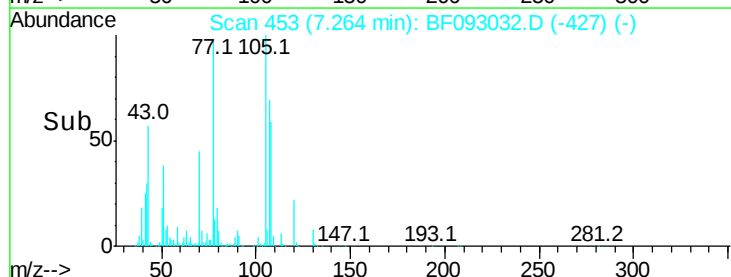


Abundance Ion 105.00 (104.70 to 105.70): E

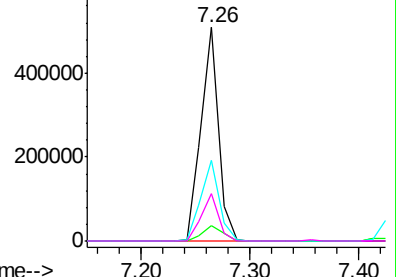
Ion 71.00 (70.70 to 71.70): BF0

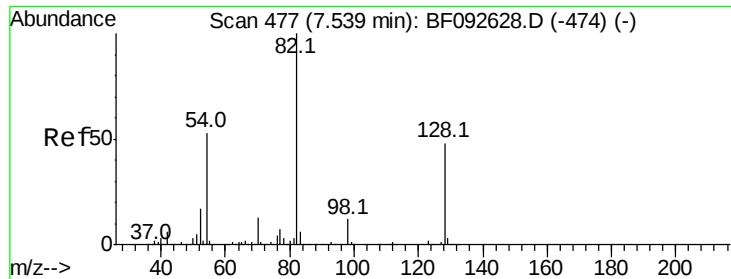
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

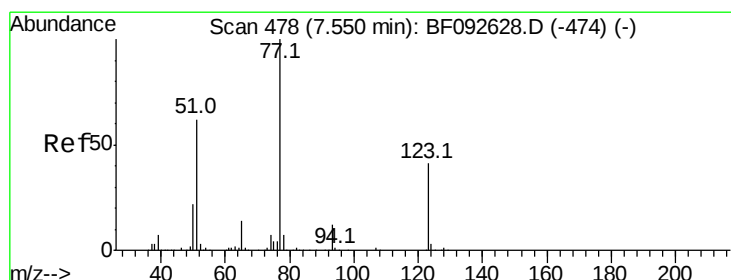
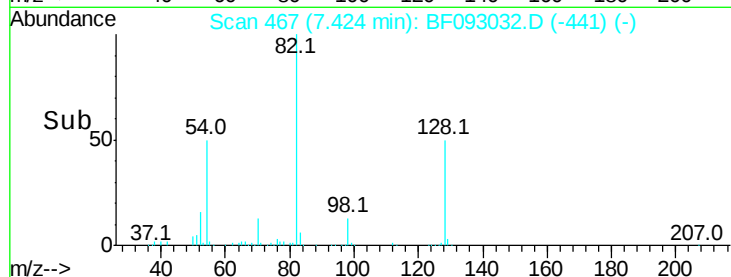
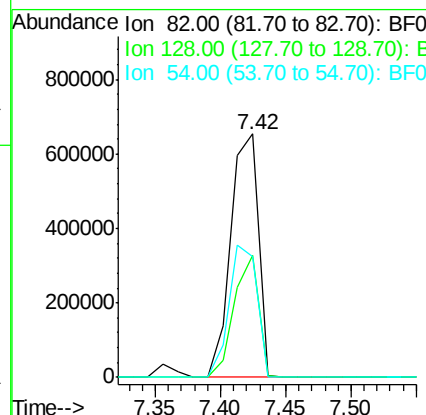
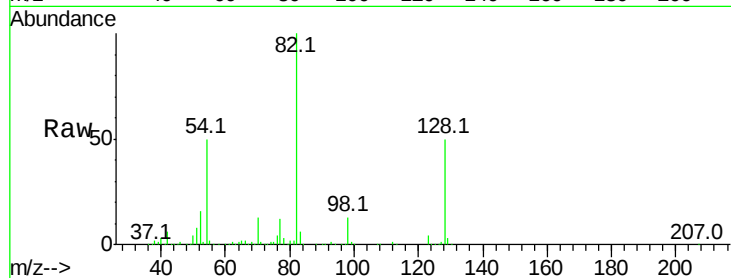




#23
 Nitrobenzene-d5
 Concen: 88.46 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

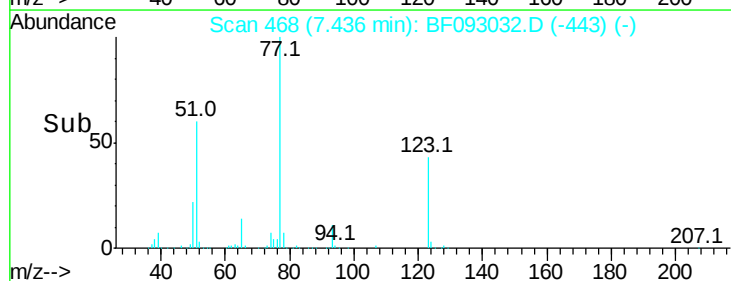
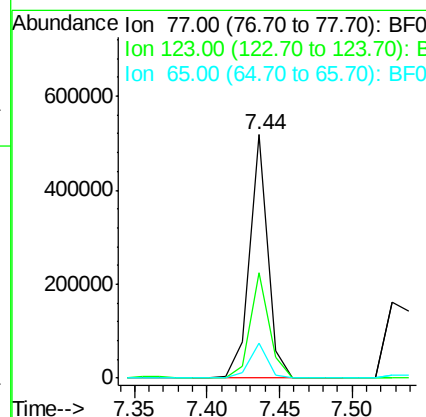
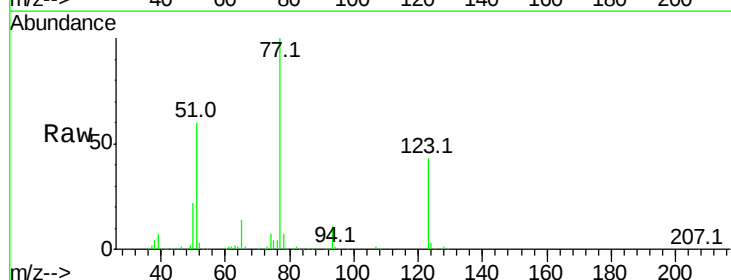
Instrument :
 BNA_F
 ClientSampled :
 PB97057BS

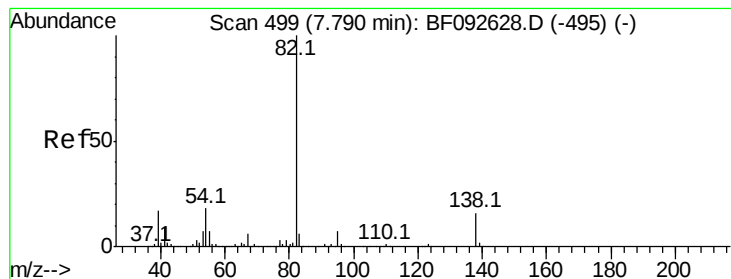
Tot Ion: 82 Resp: 956139
 Ion Ratio Lower Upper
 82 100
 128 50.2 34.6 52.0
 54 49.8 39.5 59.3



#24
 Nitrobenzene
 Concen: 40.70 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion: 77 Resp: 451695
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.0 49.4
 65 14.4 11.2 16.8





#25

Isophorone

Concen: 42.68 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

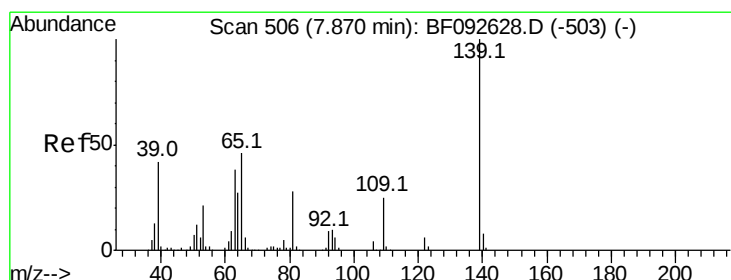
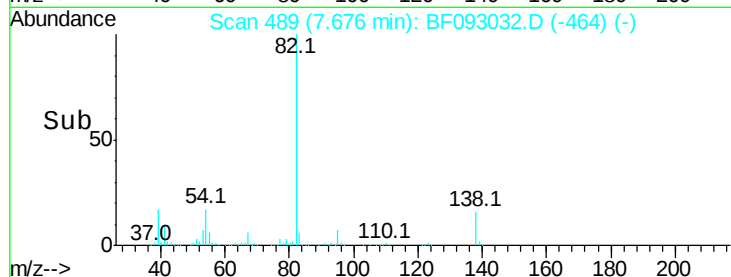
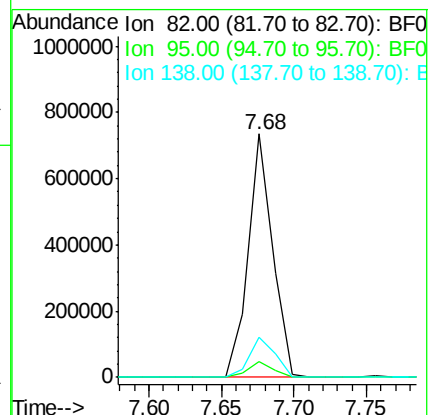
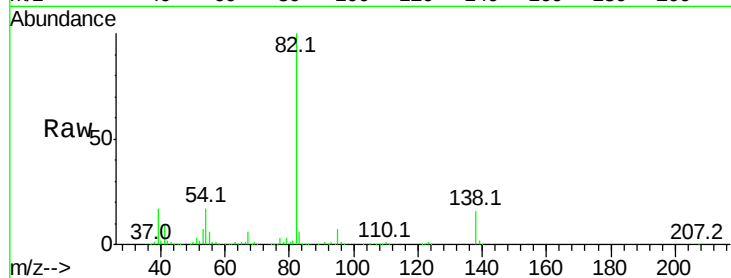
Tot Ion: 82 Resp: 859643

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 16.4 14.6 22.0



#26

2-Nitrophenol

Concen: 47.24 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

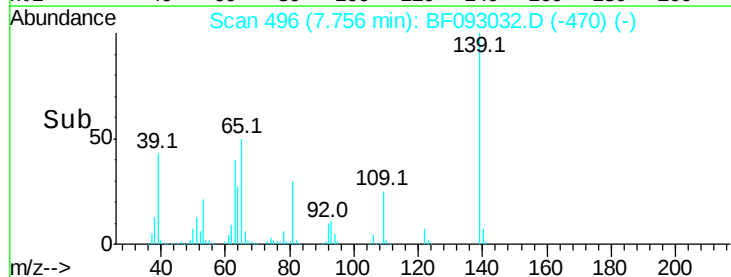
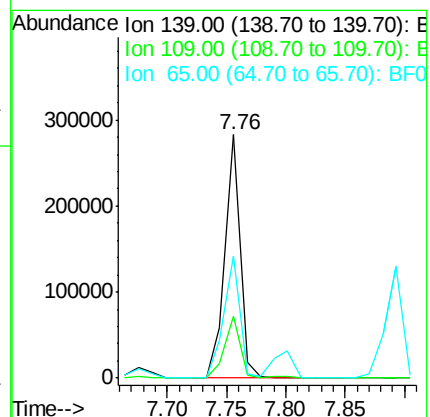
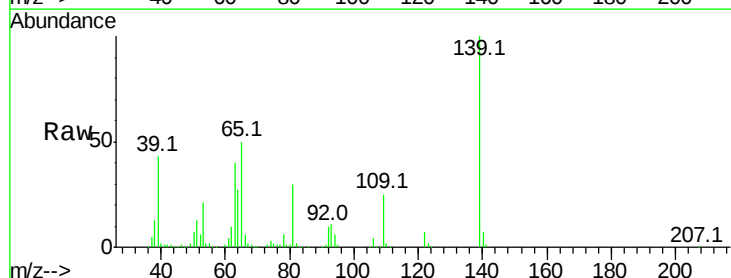
Tgt Ion: 139 Resp: 249255

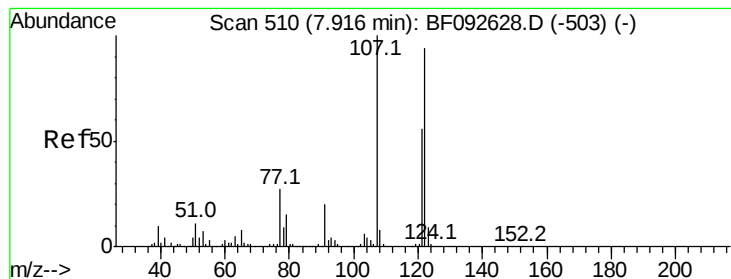
Ion Ratio Lower Upper

139 100

109 25.2 23.3 34.9

65 50.4 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 46.67 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

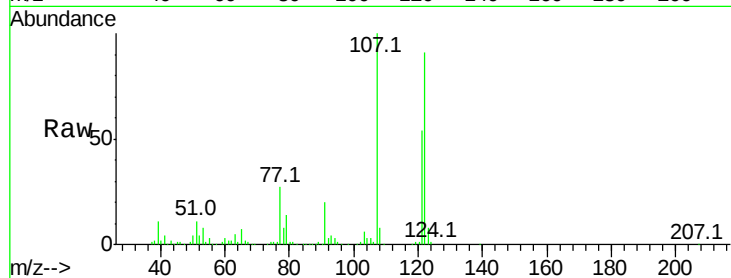
Tot Ion:122 Resp: 432452

Ion Ratio Lower Upper

122 100

107 109.6 94.1 141.1

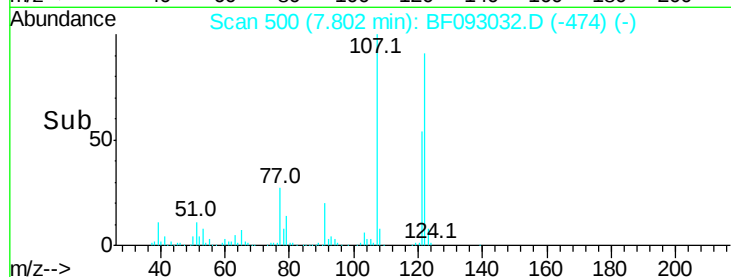
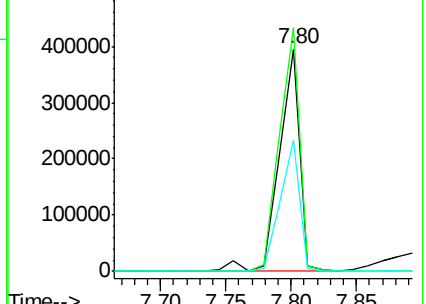
121 59.2 46.0 69.0



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: 43.94 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

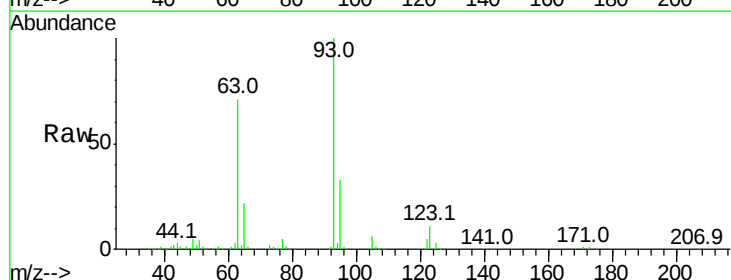
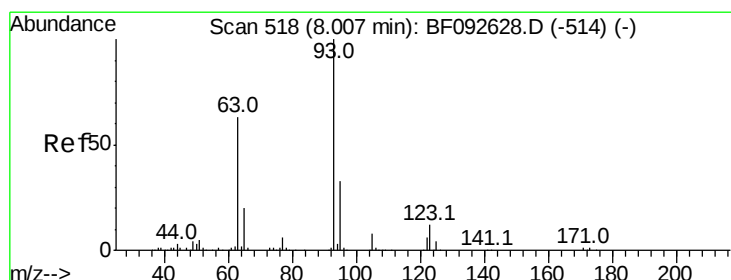
Tgt Ion: 93 Resp: 586160

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

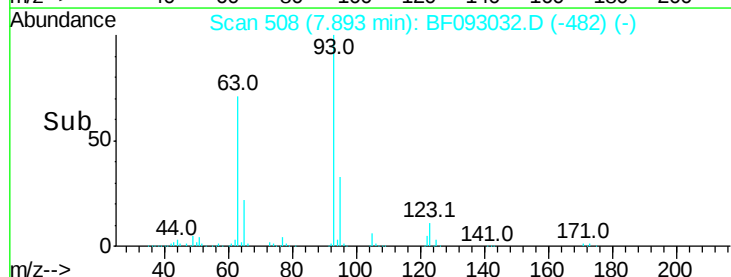
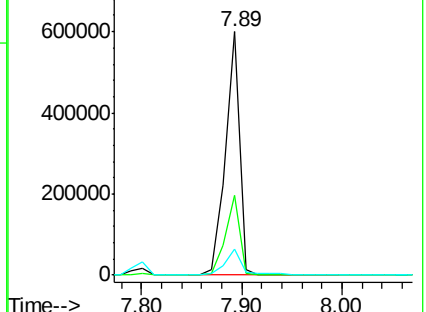
123 10.9 8.6 13.0

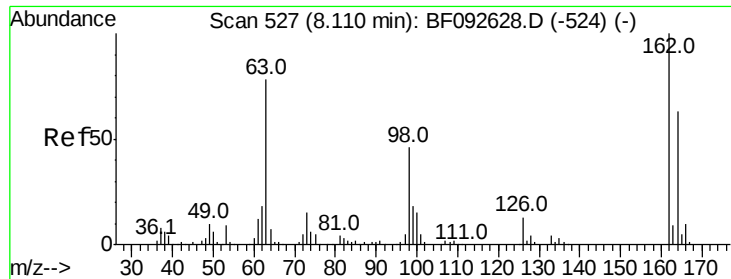


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

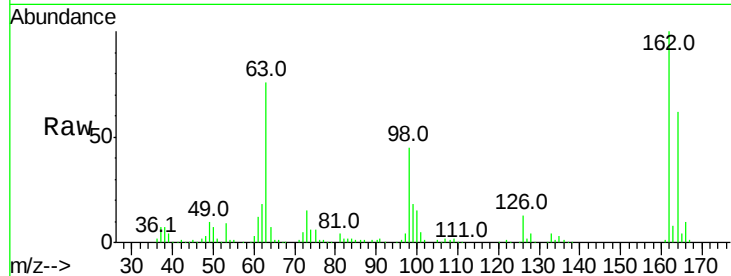




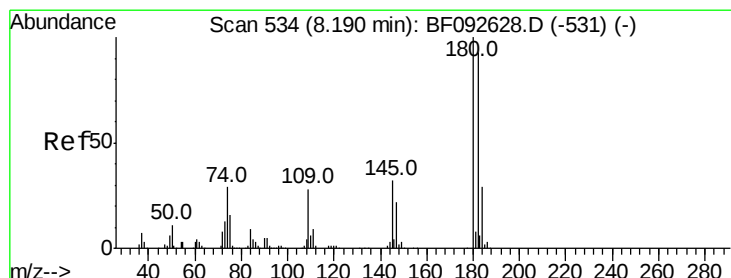
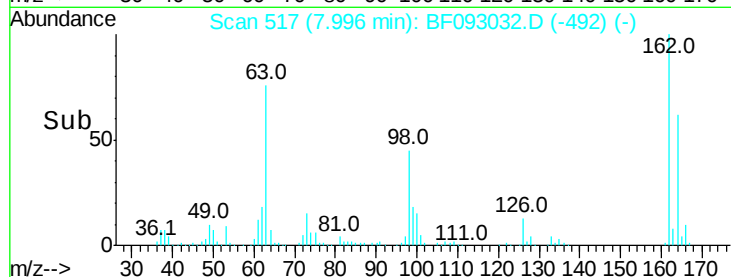
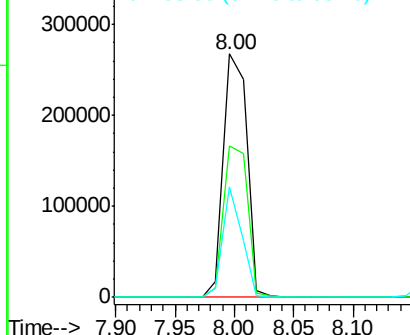
#29
2,4-Dichlorophenol
Concen: 42.48 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB97057BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	46.8	86.8
98	45.2	9.1	49.1

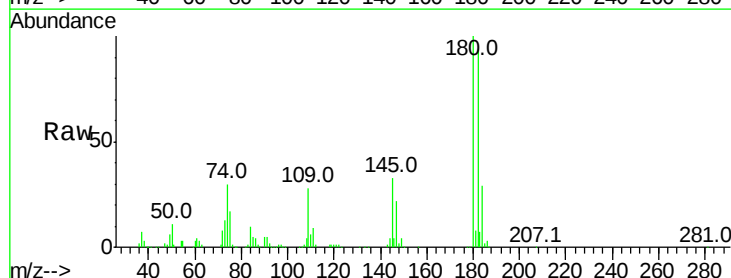


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

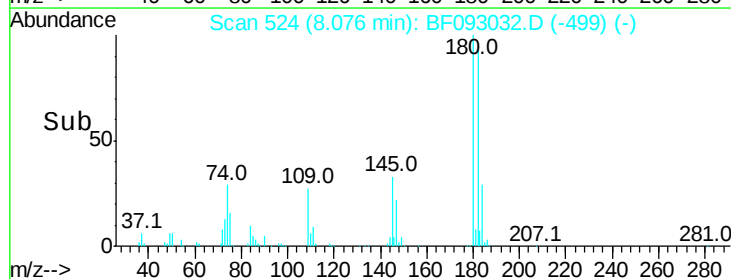
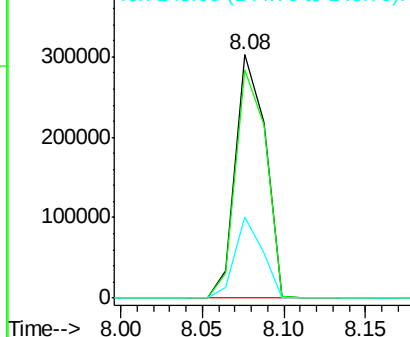


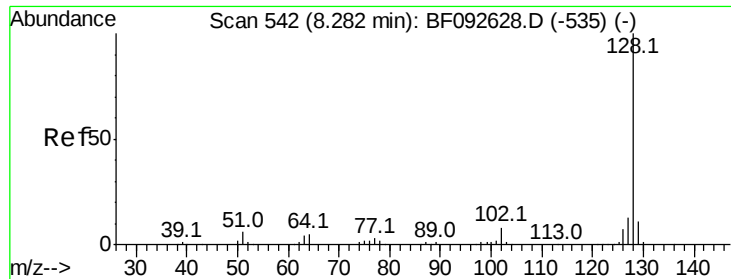
#30
1,2,4-Trichlorobenzene
Concen: 41.07 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.2	117.4
145	33.1	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

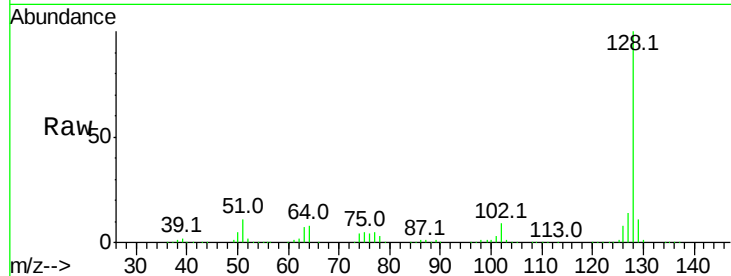




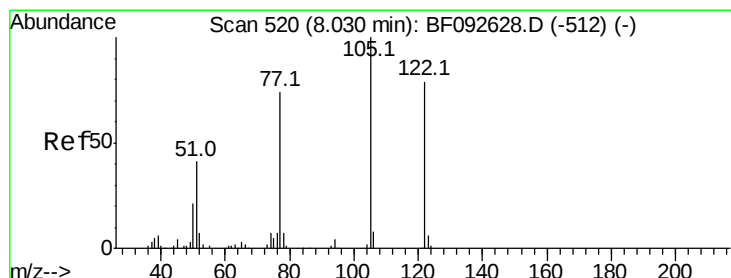
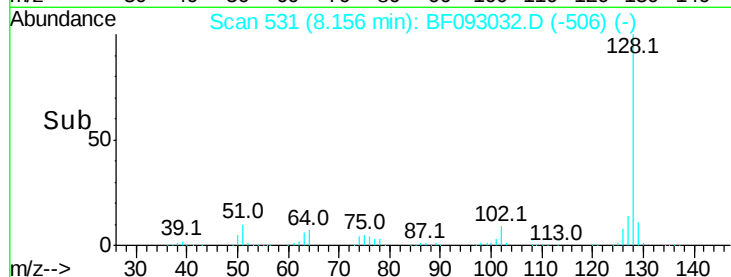
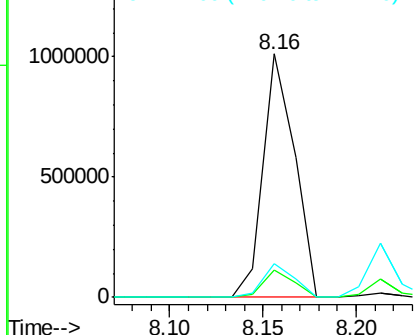
#31
Naphthalene
Concen: 38.67 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB97057BS

Tot Ion:128 Resp: 1179835
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 10.8 16.2

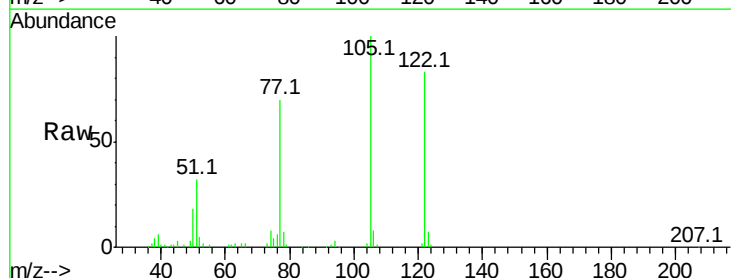


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

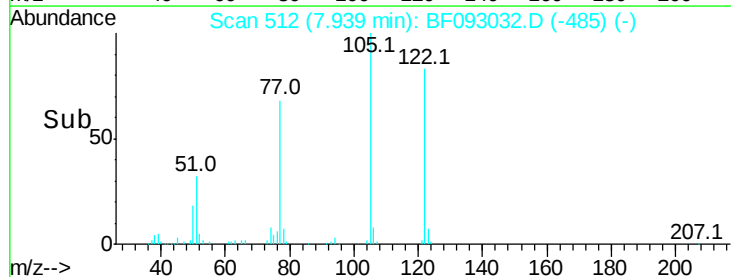
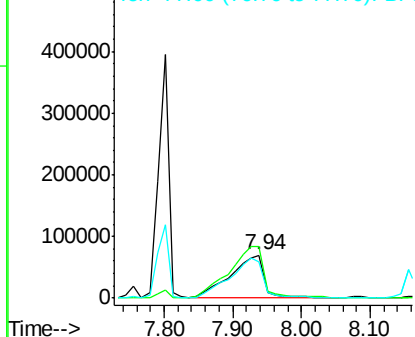


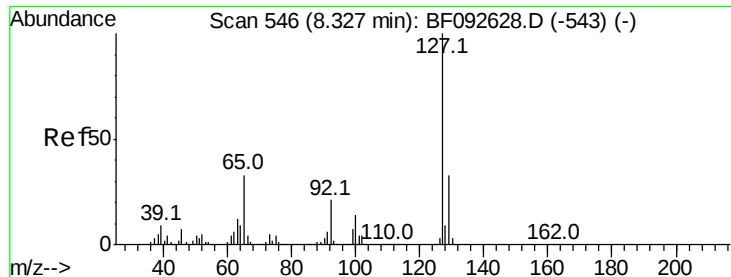
#32
Benzoic acid
Concen: 44.74 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion:122 Resp: 231898
Ion Ratio Lower Upper
122 100
105 119.8 107.2 147.2
77 83.5 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

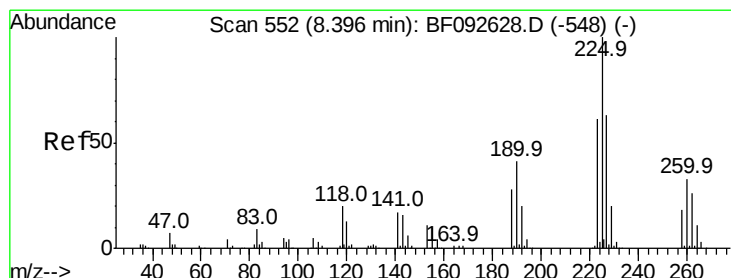
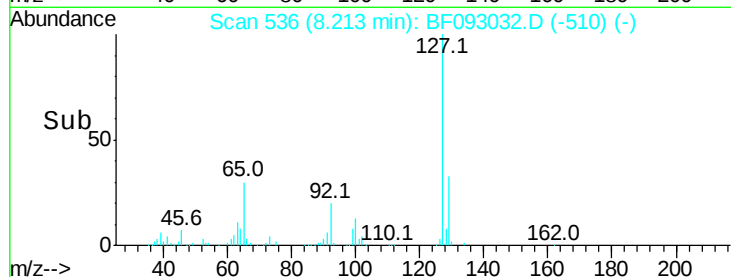
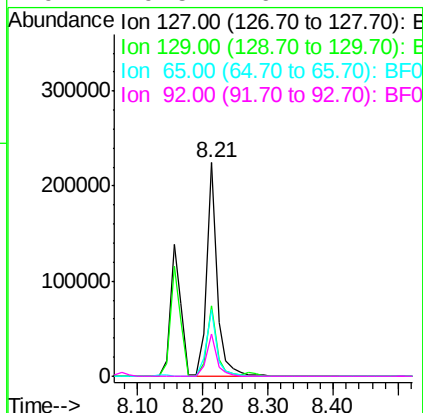
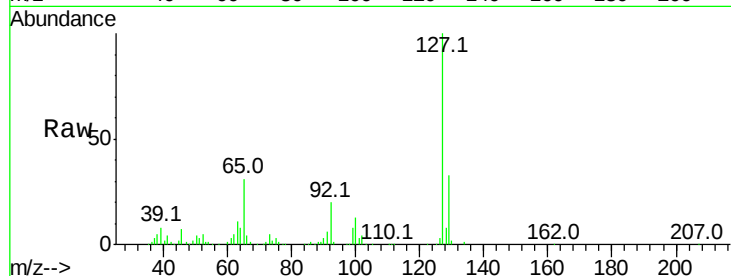




#33
4-Chloroaniline
Concen: 20.68 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

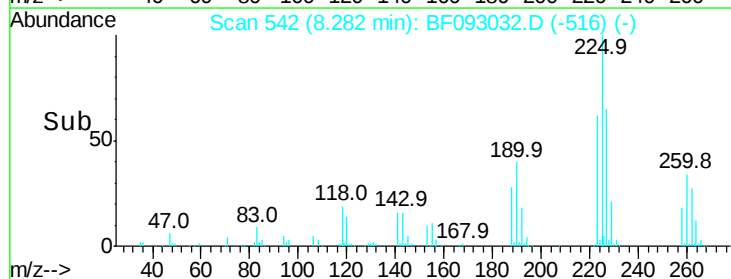
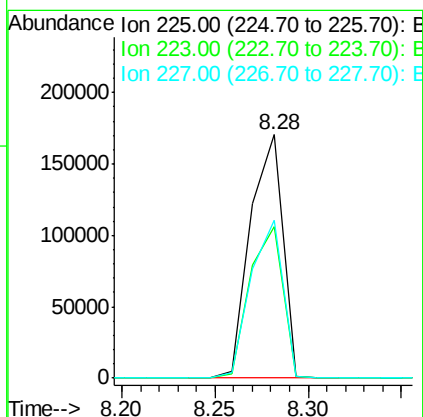
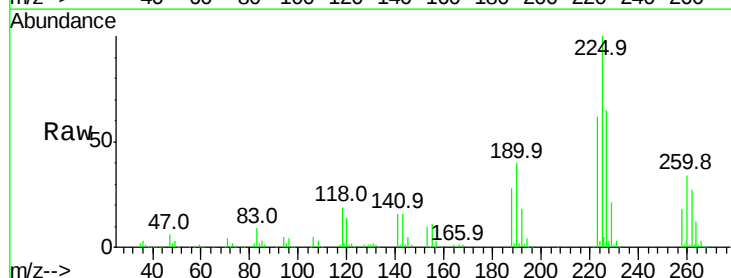
Instrument :
BNA_F
ClientSampleId :
PB97057BS

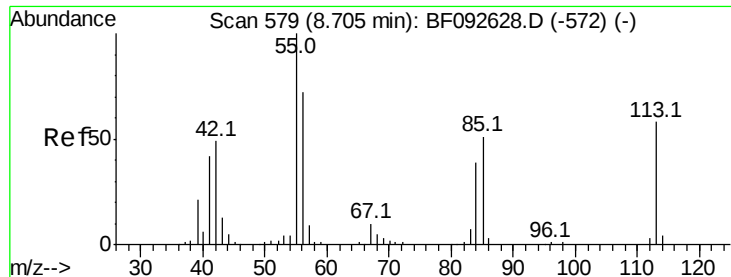
Tot Ion:	127	Resp:	247417
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	30.9	25.8	38.8
92	19.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.01 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion:	225	Resp:	204982
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	65.0	50.6	76.0

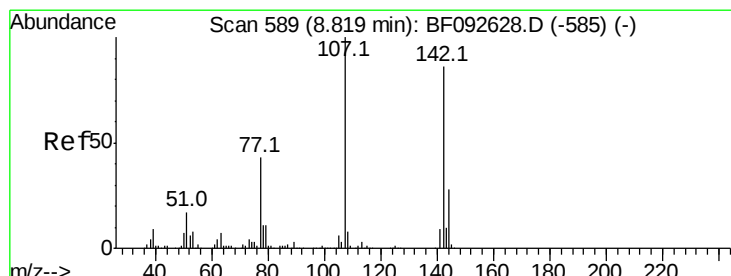
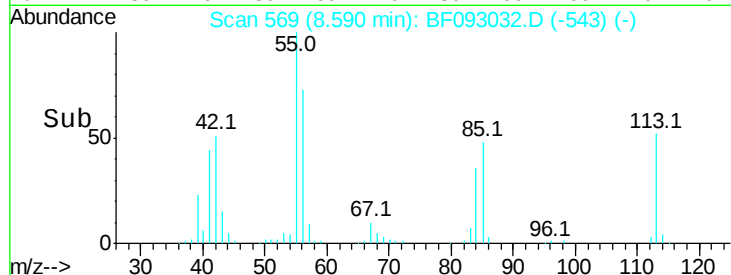
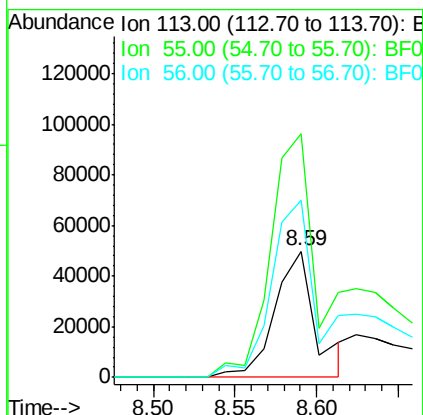
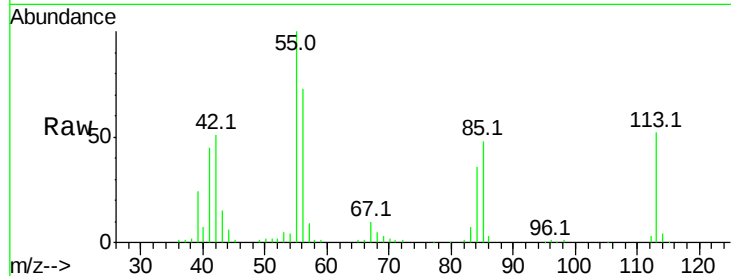




#35
 Caprolactam
 Concen: 31.81 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

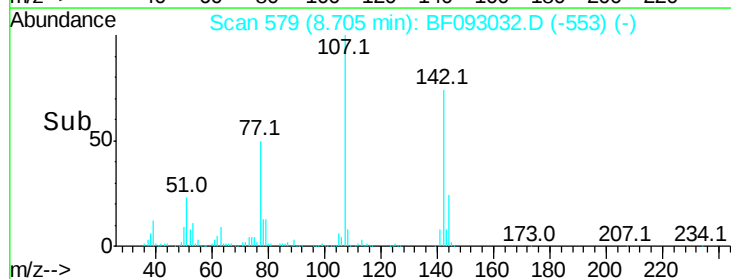
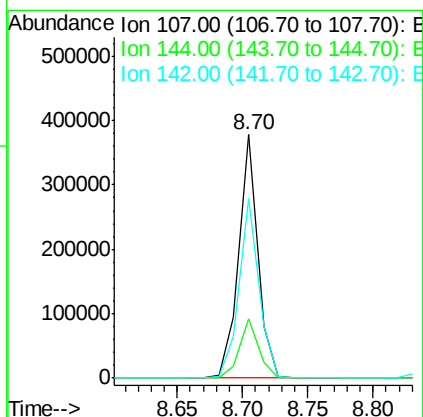
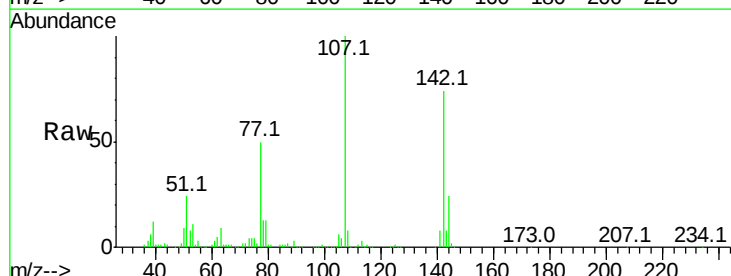
Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

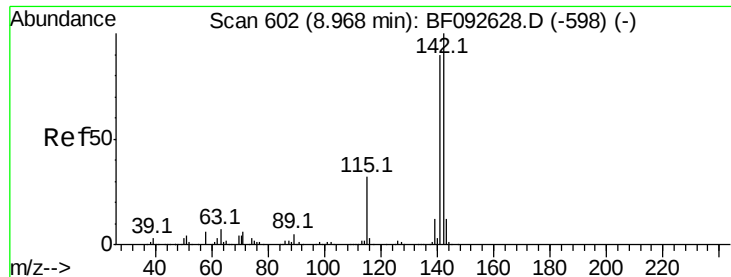
Tot Ion:113 Resp: 86466
 Ion Ratio Lower Upper
 113 100
 55 193.5 119.2 159.2#
 56 140.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.95 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion:107 Resp: 386919
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 73.9 59.0 88.6

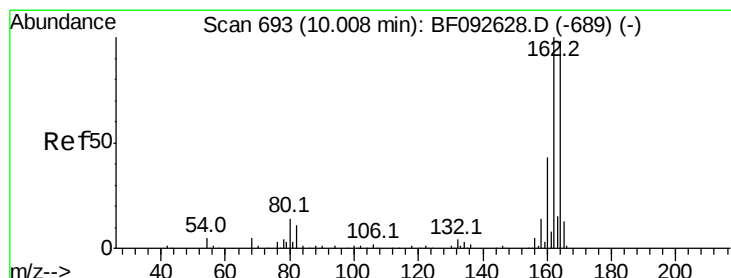
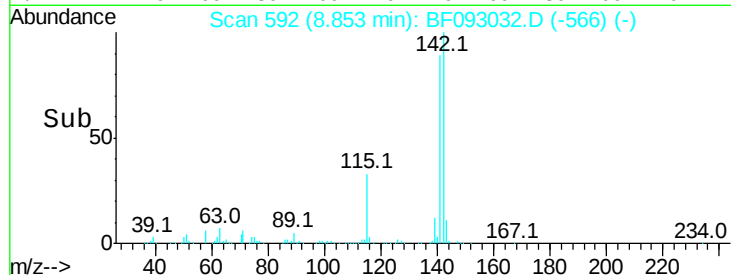
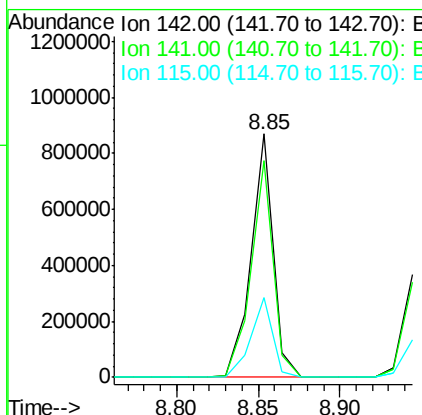
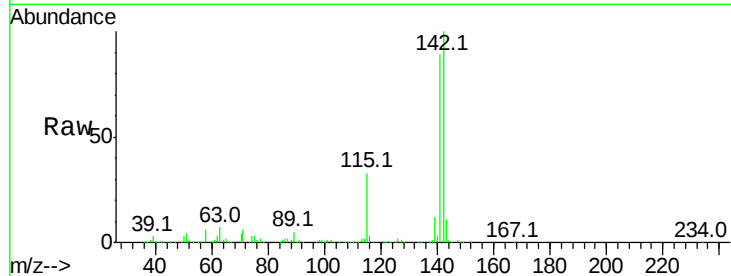




#37
 2-Methylnaphthalene
 Concen: 41.66 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

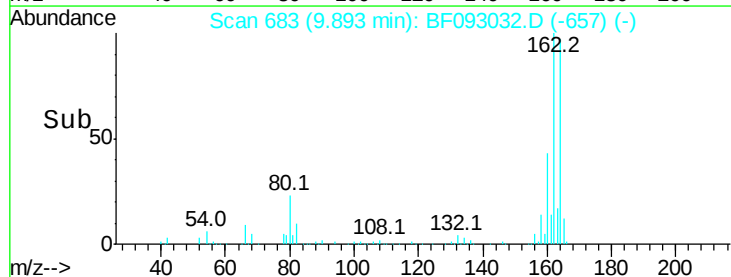
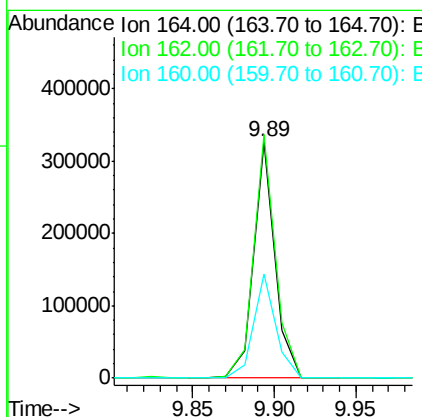
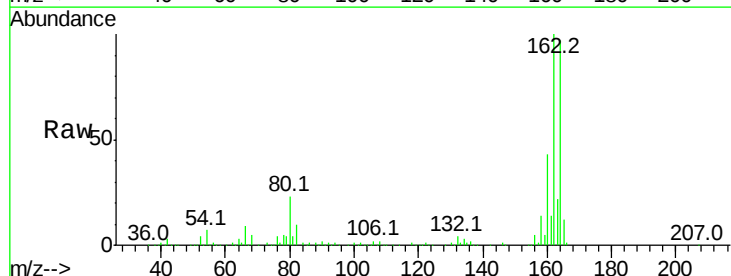
Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

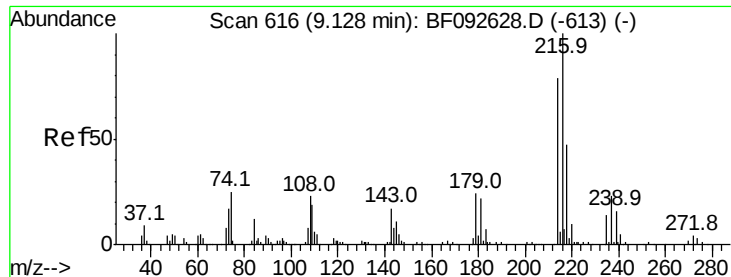
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	32.9	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	44.2	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.65 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

Tot Ion:216 Resp: 381181

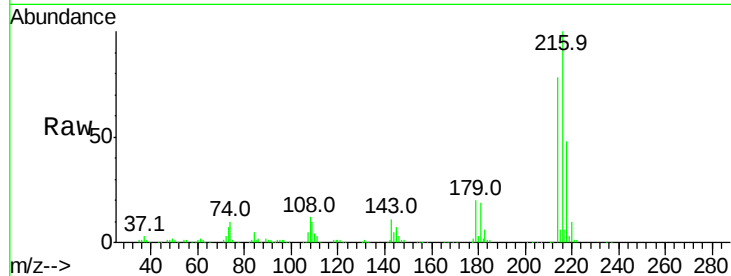
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 21.3 17.4 26.2

108 19.2 15.6 23.4

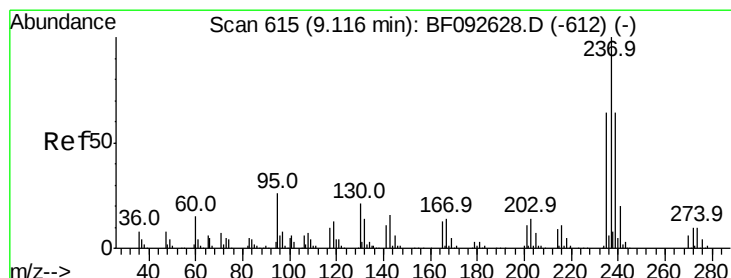
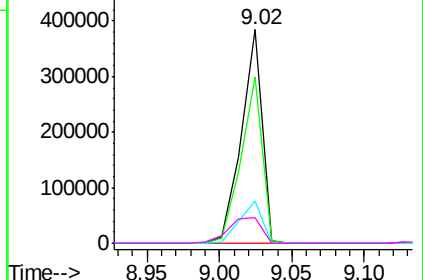
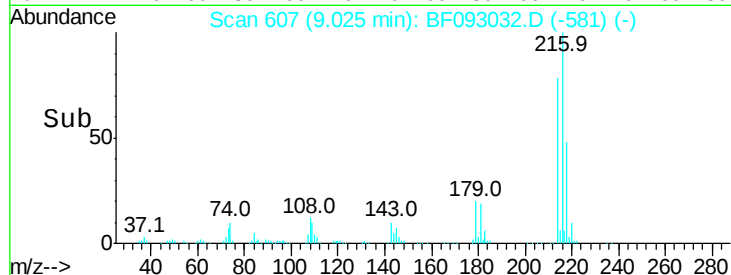


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.96 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

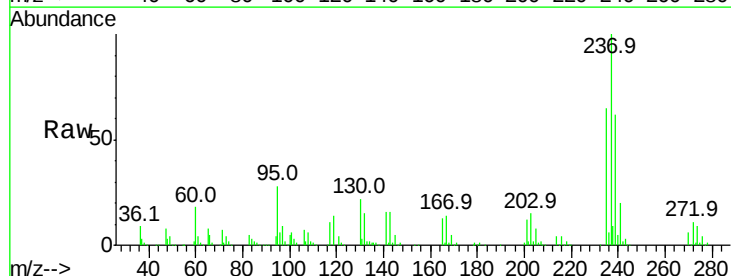
Tgt Ion:237 Resp: 308793

Ion Ratio Lower Upper

237 100

235 64.6 41.2 81.2

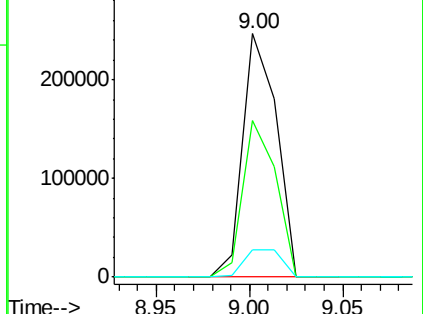
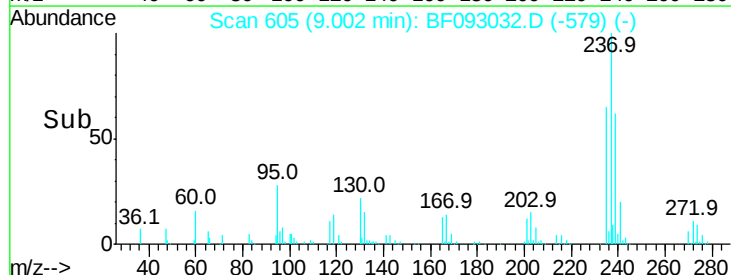
272 11.2 0.0 35.4

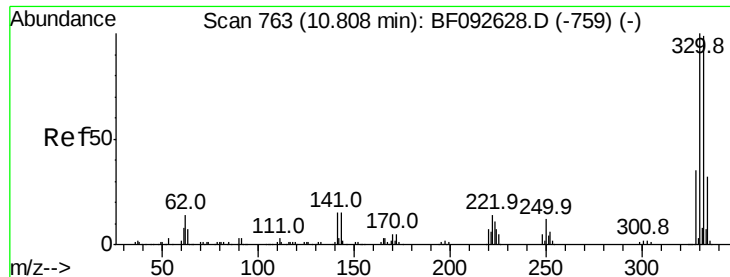


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

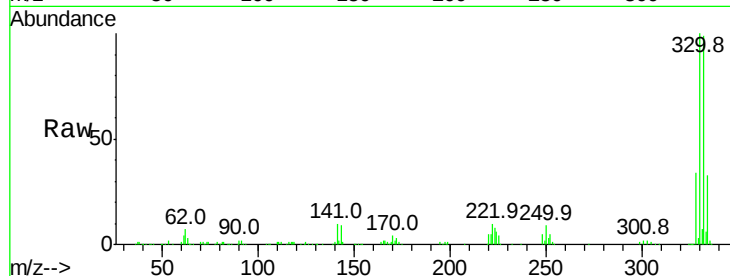




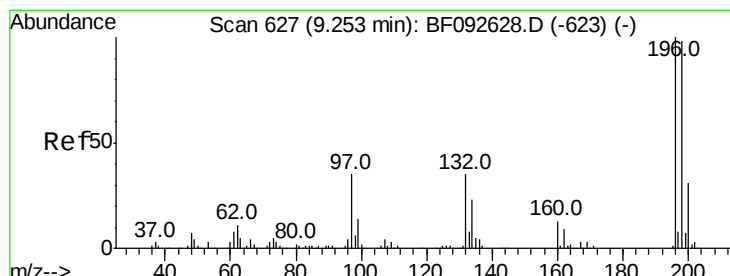
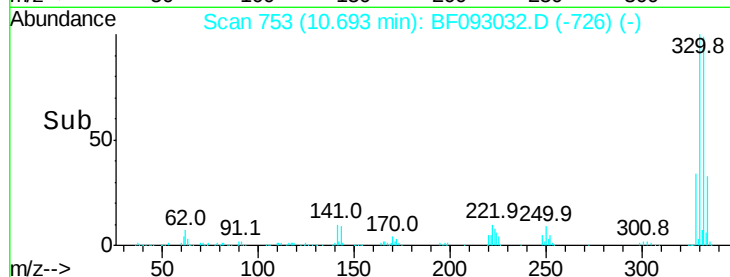
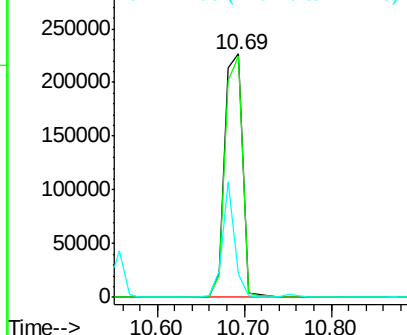
#41
 2,4,6-Tribromophenol
 Concen: 151.50 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	33.0	34.1	51.1#

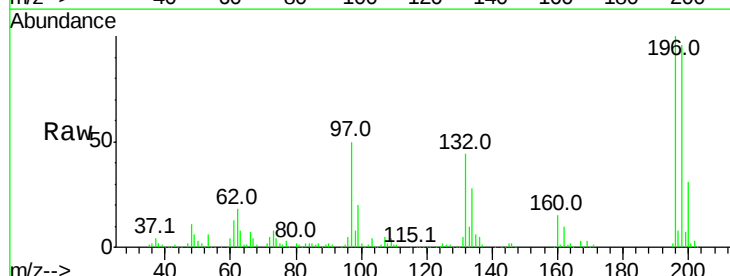


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

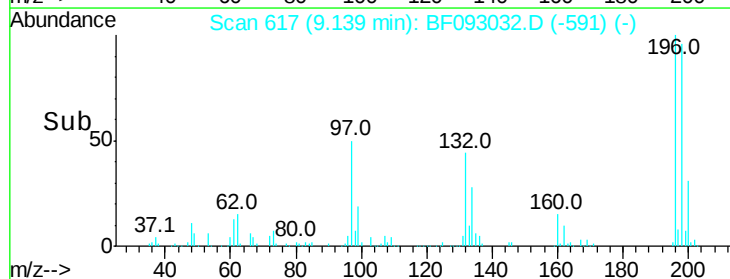
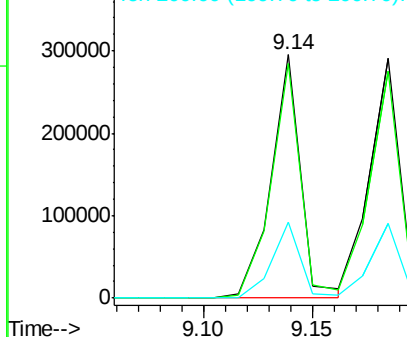


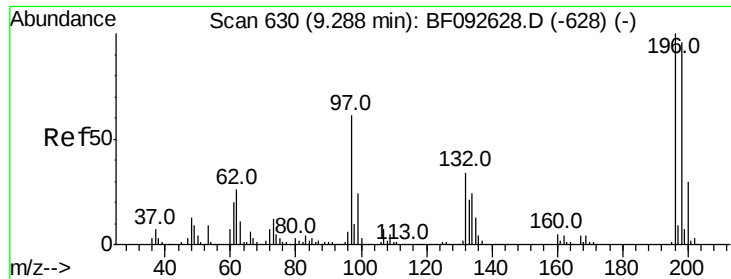
#42
 2,4,6-Trichlorophenol
 Concen: 51.16 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	82.1	123.1
200	31.4	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

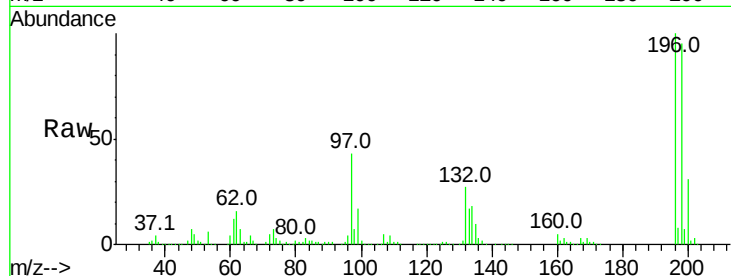




#43
 2,4,5-Trichlorophenol
 Concen: 46.65 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	79.4	119.2
97	42.7	51.5	77.3#
132	27.2	27.4	41.2#



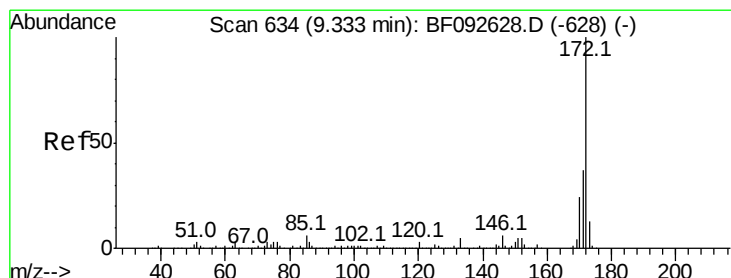
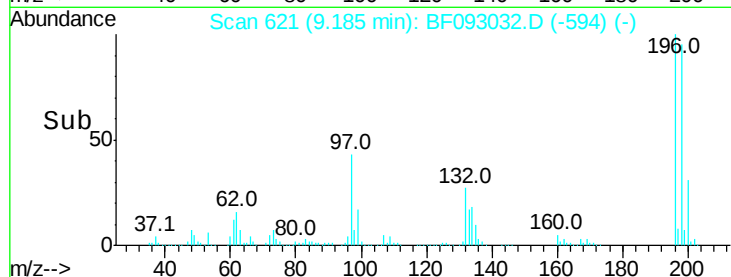
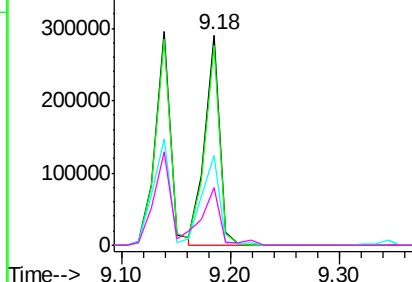
Abundance

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: 91.89 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

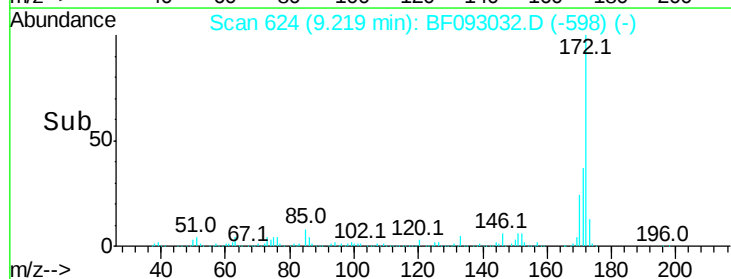
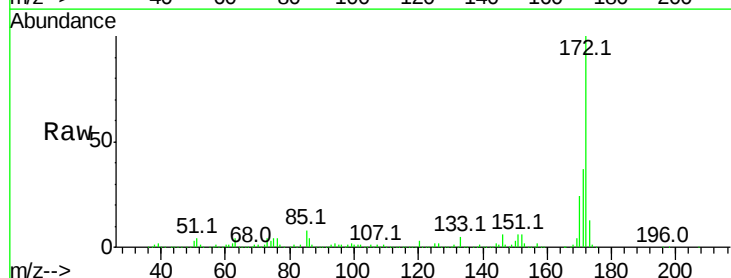
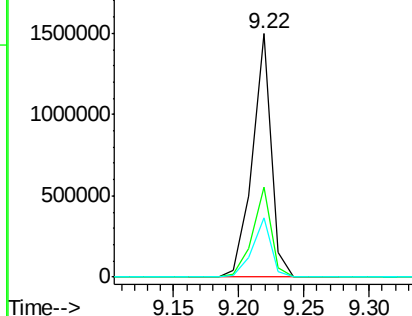
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.5	20.2	30.4

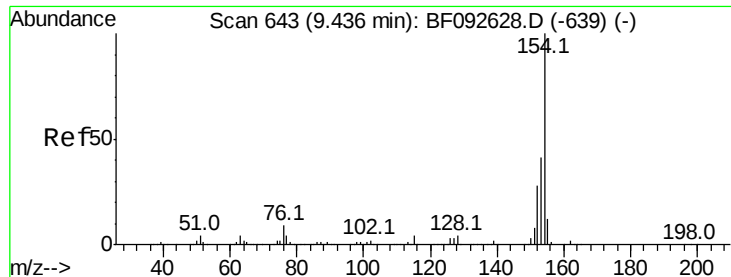
Abundance

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: 48.06 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampled :

PB97057BS

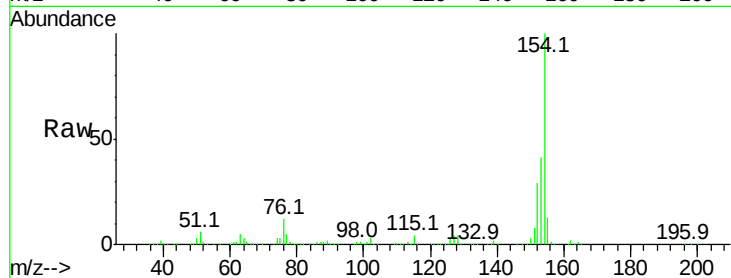
Tot Ion:154 Resp: 1035121

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

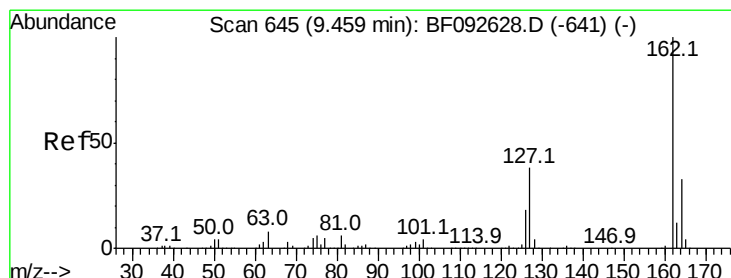
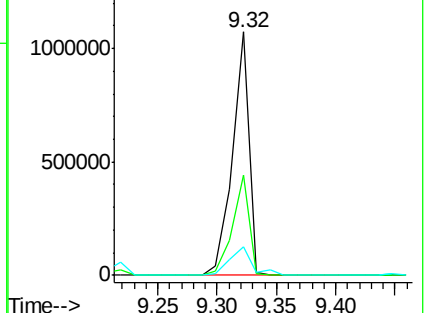
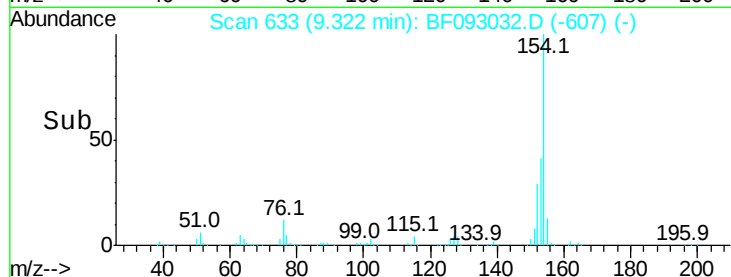
76 11.9 0.0 30.5



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): E



#46

2-Chloronaphthalene

Concen: 48.56 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

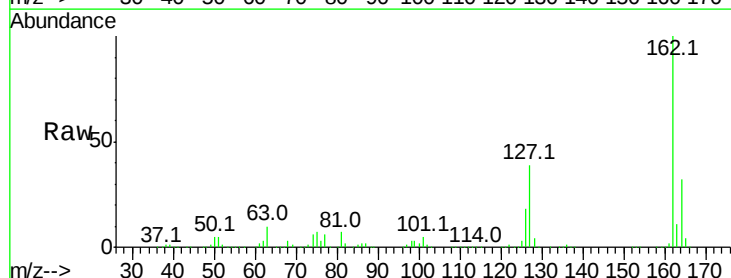
Tgt Ion:162 Resp: 818237

Ion Ratio Lower Upper

162 100

127 39.2 30.7 46.1

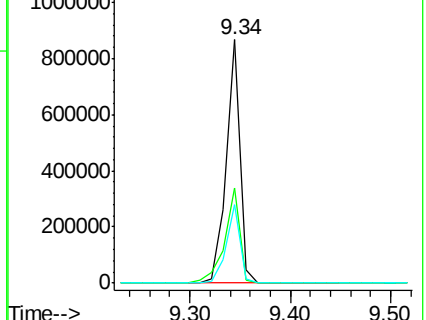
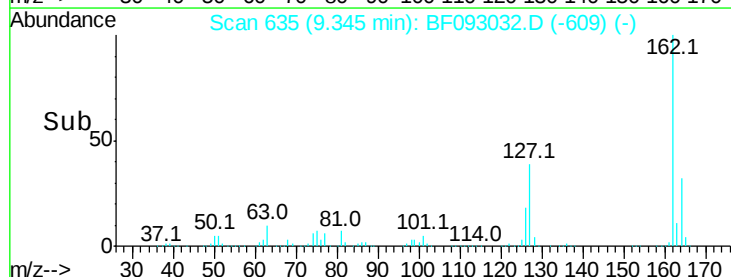
164 32.5 27.6 41.4

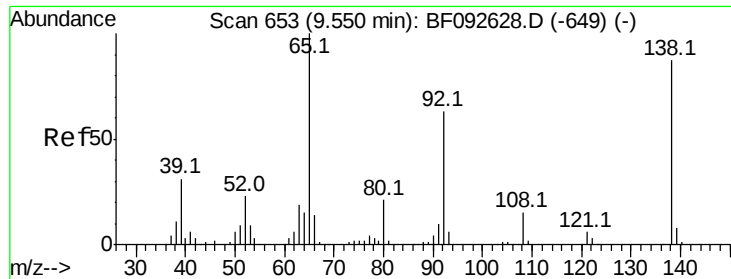


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

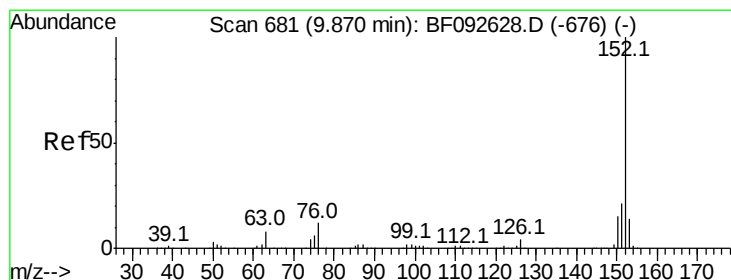
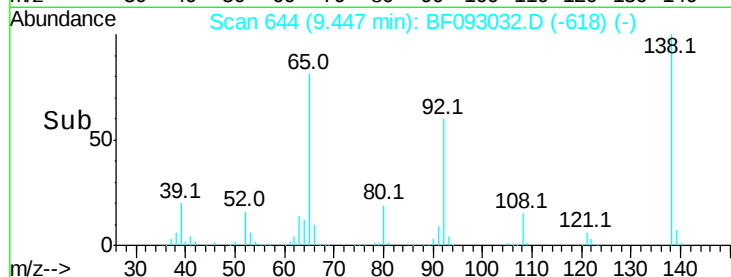
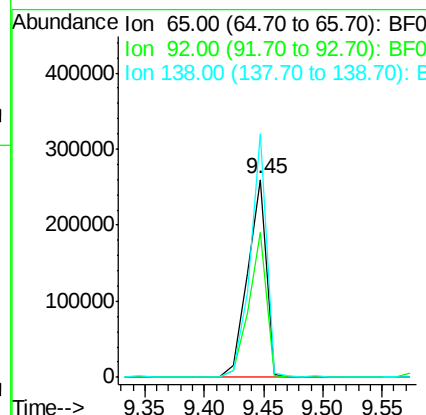
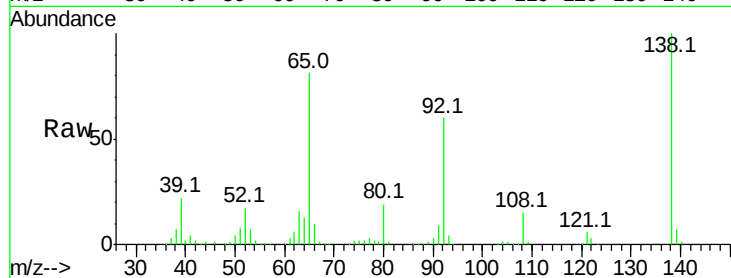




#47
 2-Nitroaniline
 Concen: 50.46 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

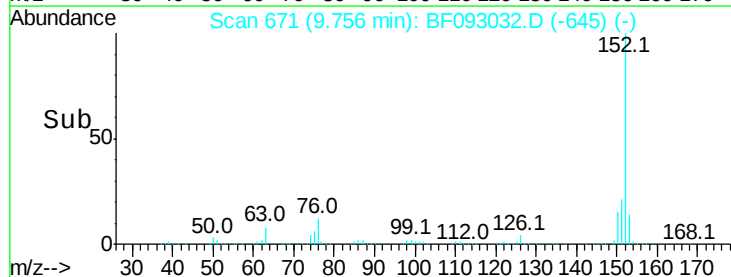
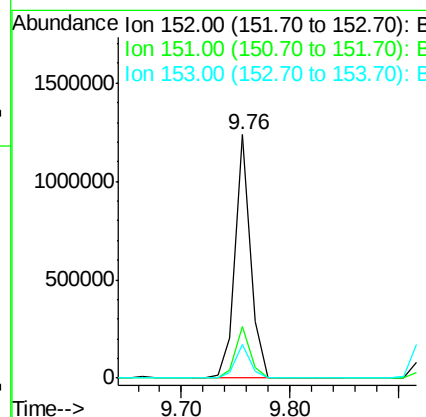
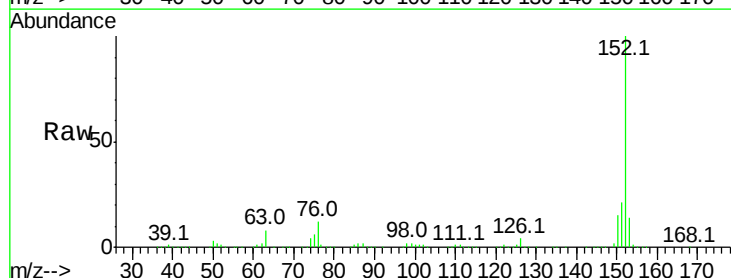
Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

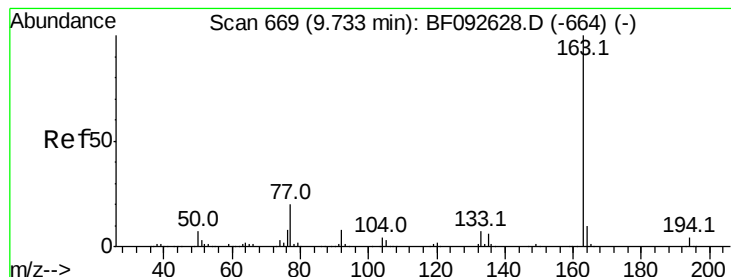
Tot Ion: 65 Resp: 285846
 Ion Ratio Lower Upper
 65 100
 92 73.5 53.9 80.9
 138 123.3 76.8 115.2#



#48
 Acenaphthylene
 Concen: 41.27 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion:152 Resp: 1201372
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.9 25.3
 153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 47.09 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

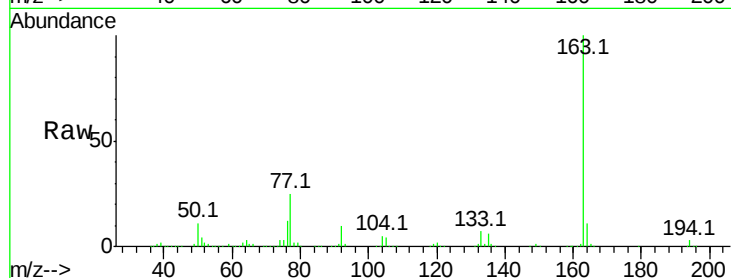
Tot Ion:163 Resp: 943457

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

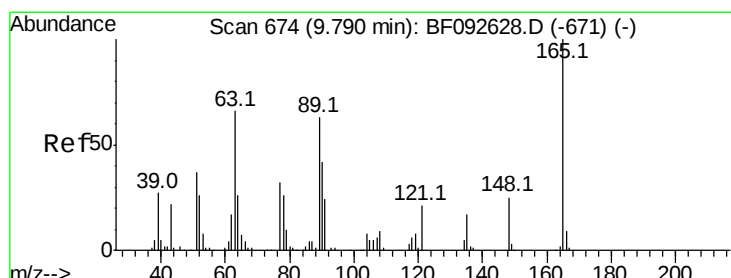
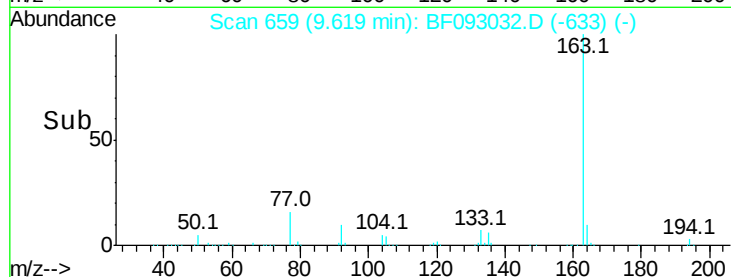
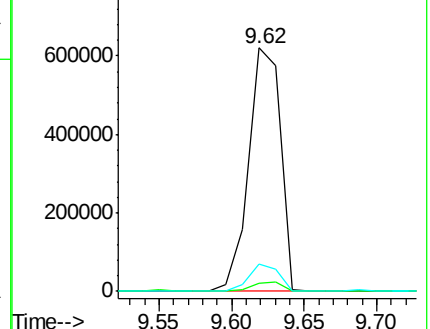
164 11.0 8.0 12.0



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: 51.81 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

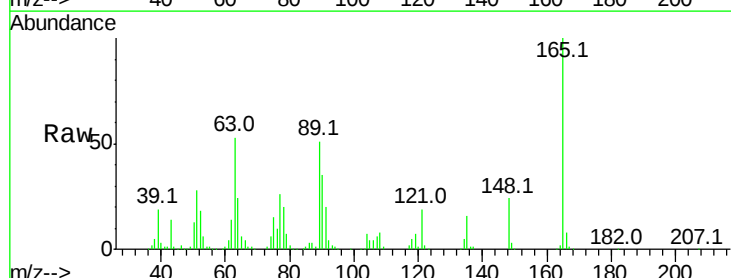
Tgt Ion:165 Resp: 224202

Ion Ratio Lower Upper

165 100

63 53.0 36.2 54.4

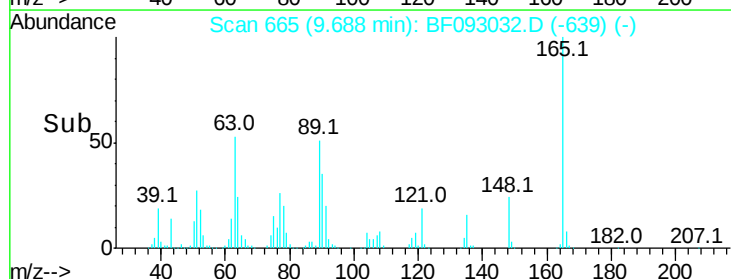
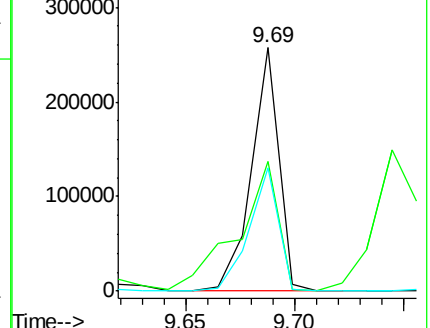
89 50.7 40.2 60.4

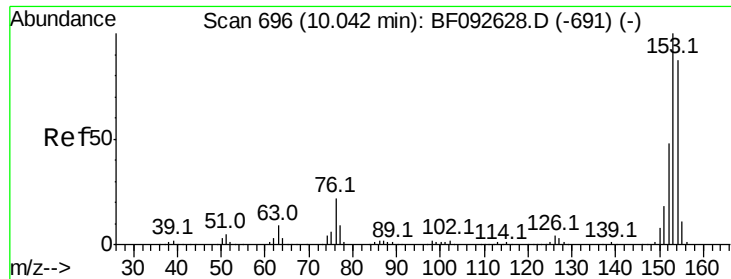


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.89 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

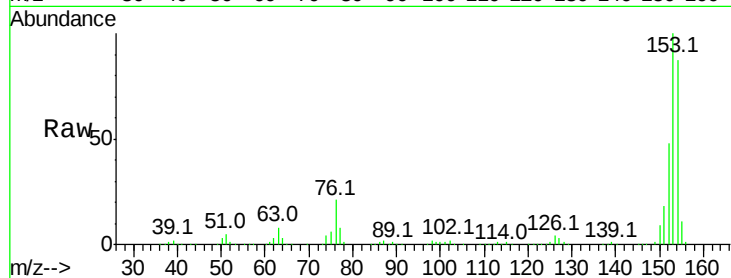
Tot Ion:154 Resp: 711575

Ion Ratio Lower Upper

154 100

153 115.0 88.6 133.0

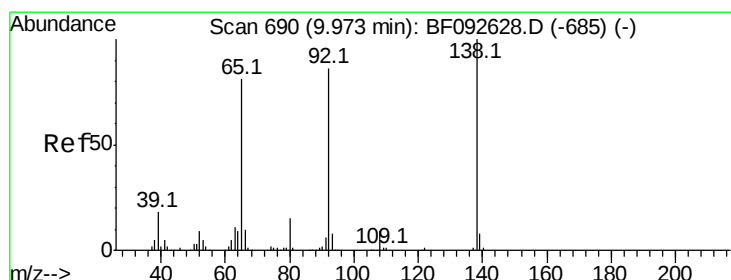
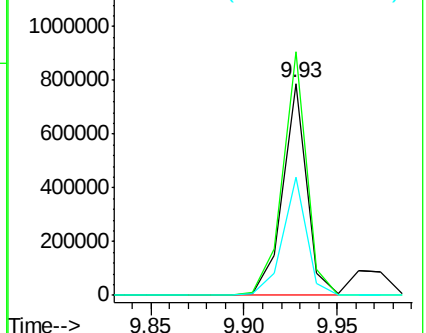
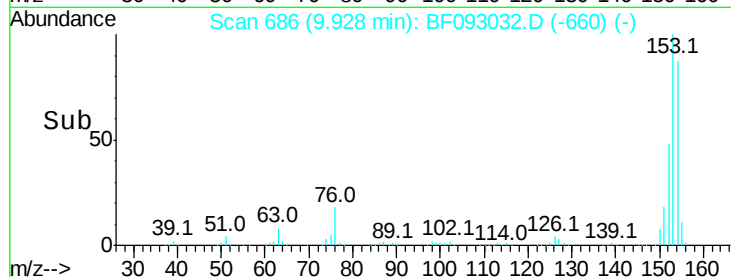
152 55.5 41.6 62.4



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: 28.79 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

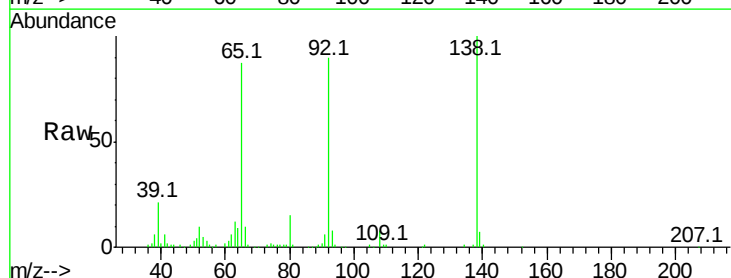
Tgt Ion:138 Resp: 142591

Ion Ratio Lower Upper

138 100

108 8.3 8.5 12.7#

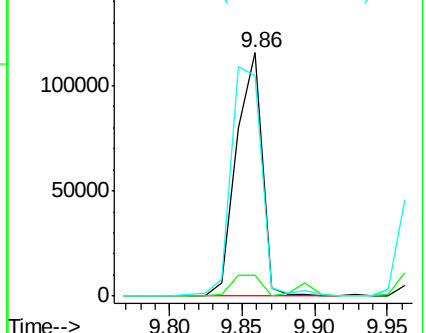
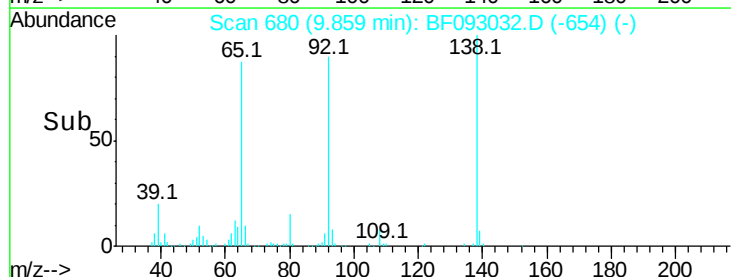
92 90.5 97.8 146.8#

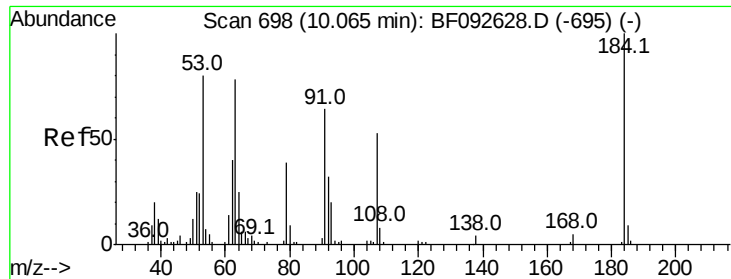


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

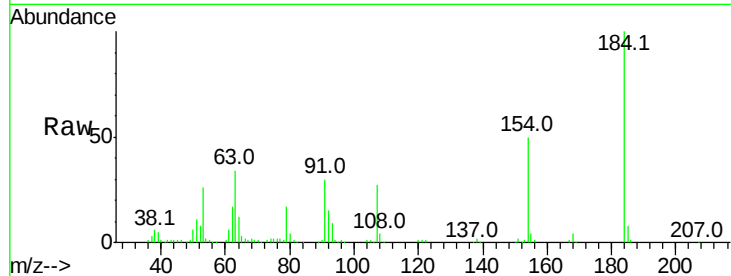




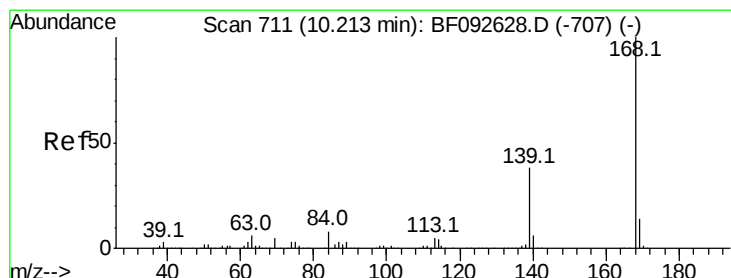
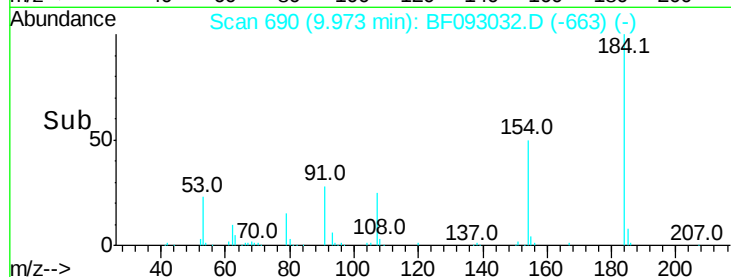
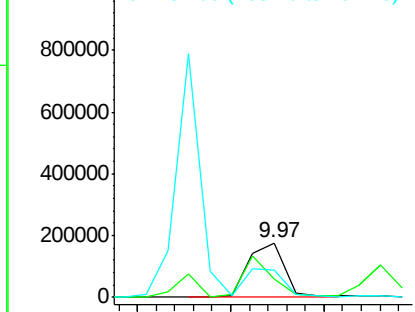
#53
2,4-Dinitrophenol
Concen: 106.89 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB97057BS

Tot Ion:184 Resp: 239004
Ion Ratio Lower Upper
184 100
63 33.6 28.4 42.6
154 49.9 44.3 66.5

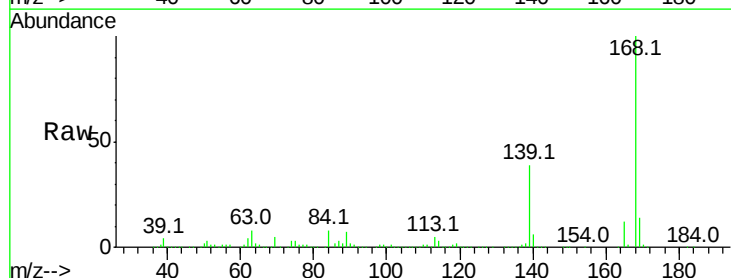


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

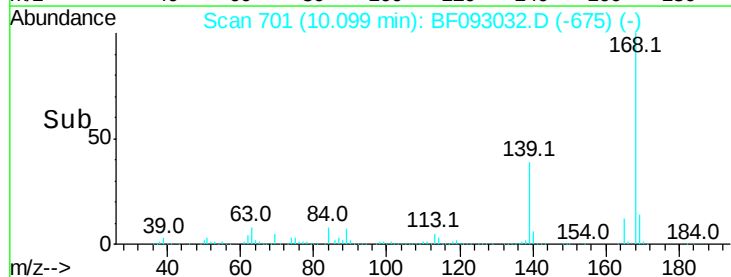
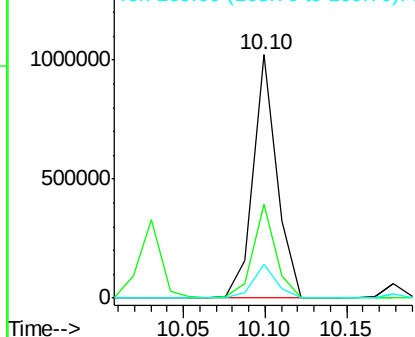


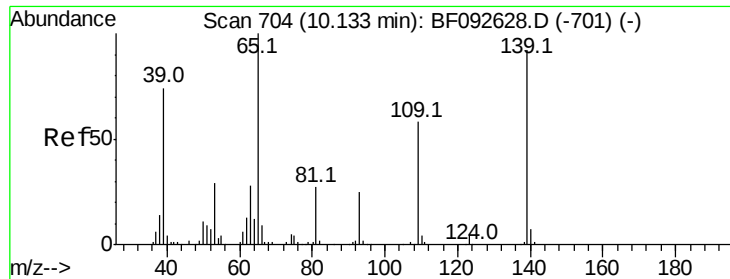
#54
Dibenzofuran
Concen: 44.68 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion:168 Resp: 1039974
Ion Ratio Lower Upper
168 100
139 38.5 32.6 49.0
169 13.8 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

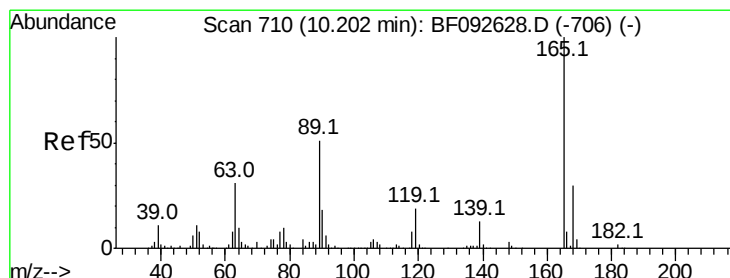
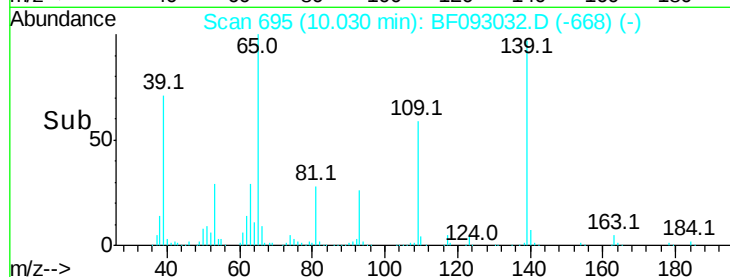
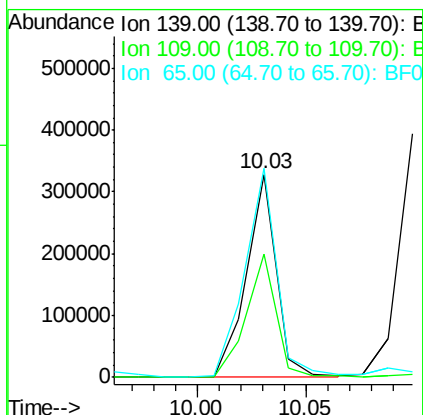
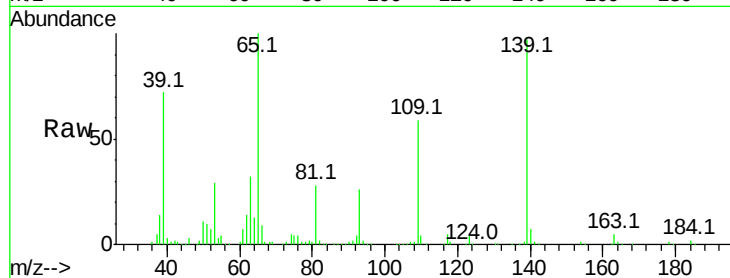




#55
4-Nitrophenol
Concen: 88.68 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

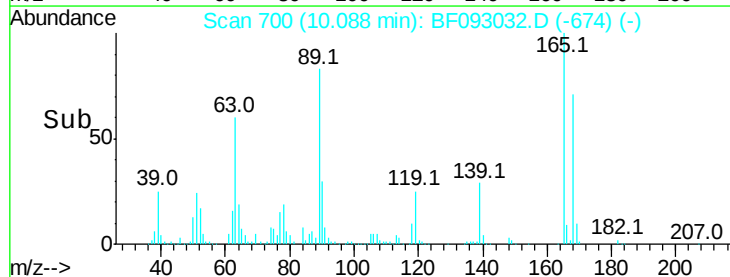
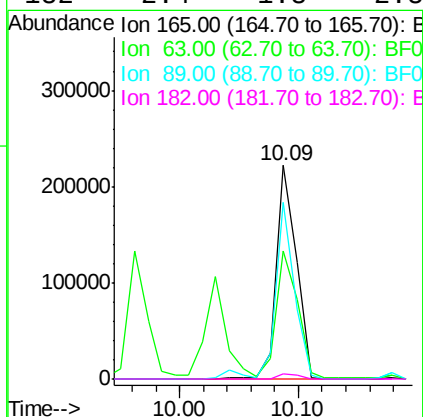
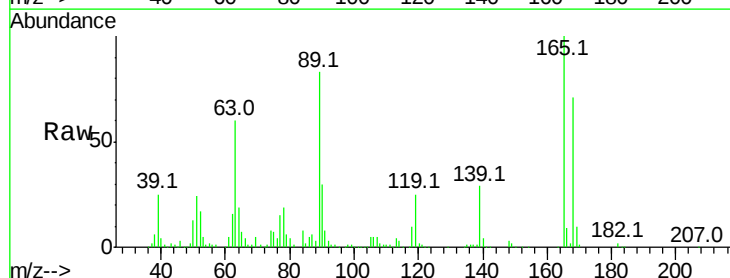
Instrument :
BNA_F
ClientSampleId :
PB97057BS

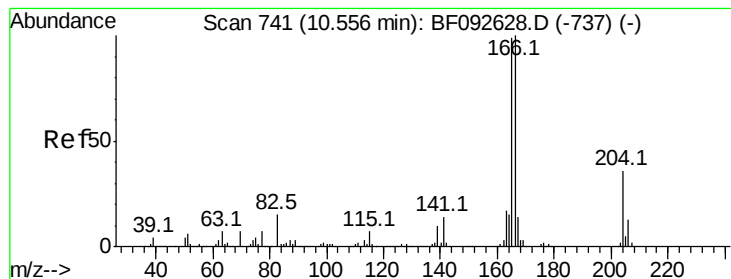
Tot Ion:139 Resp: 316300
Ion Ratio Lower Upper
139 100
109 61.0 52.2 92.2
65 103.1 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 44.61 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion:165 Resp: 256962
Ion Ratio Lower Upper
165 100
63 60.2 40.2 60.4
89 82.6 62.5 93.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 45.50 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

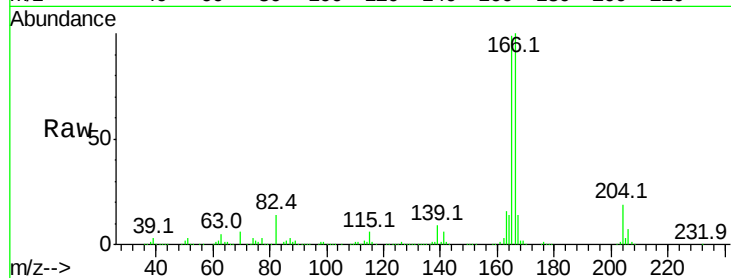
Tot Ion:166 Resp: 814752

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

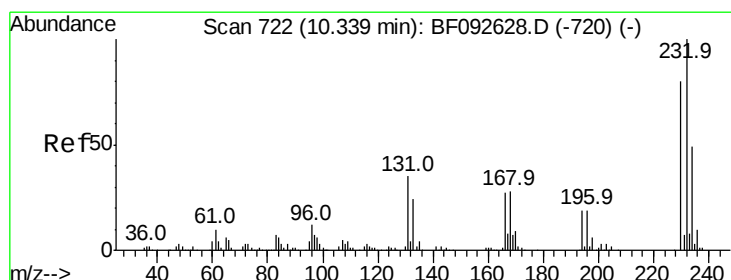
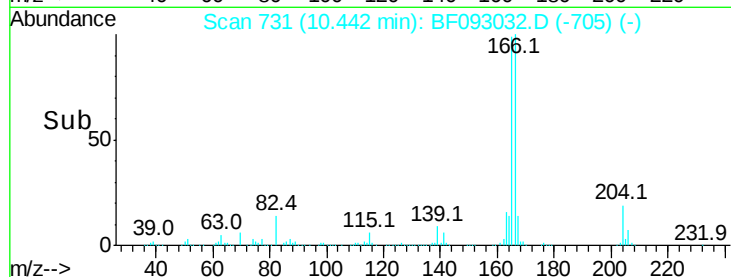
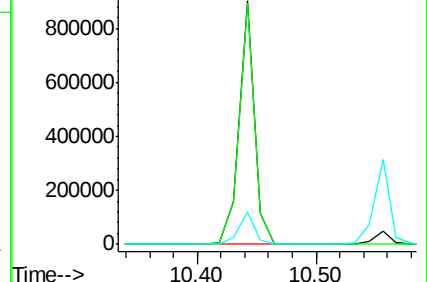
167 13.5 10.8 16.2



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: 55.21 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Tgt Ion:232 Resp: 221401

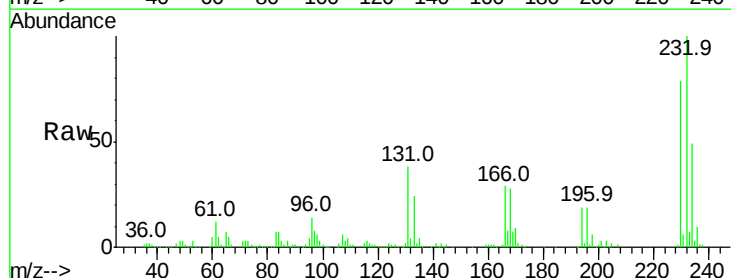
Ion Ratio Lower Upper

232 100

131 47.4 40.1 60.1

130 2.1 1.8 2.8

166 31.7 26.6 39.8

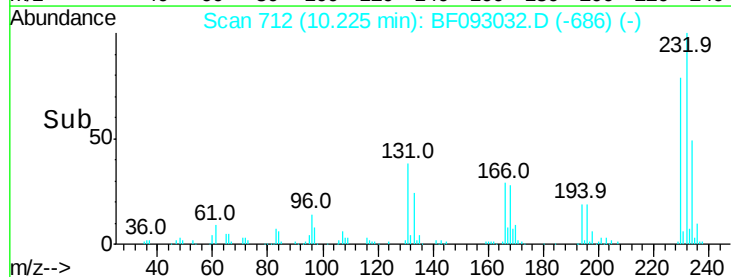
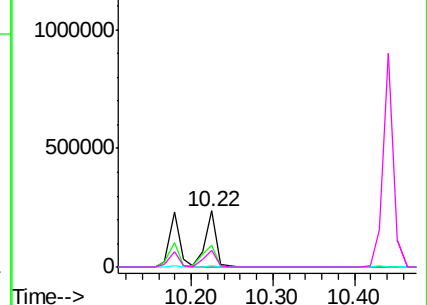


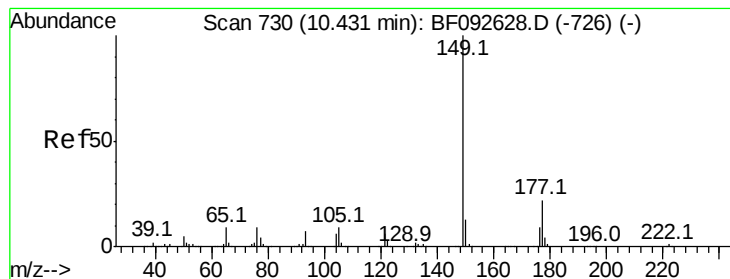
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.08 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

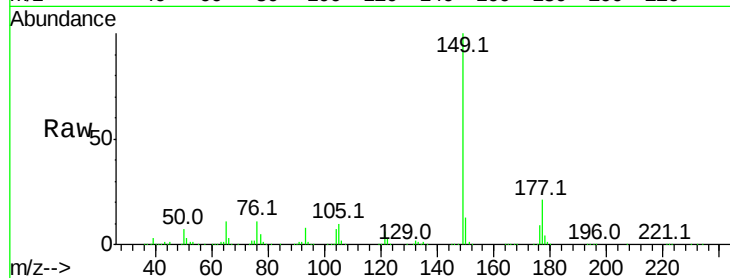
Tot Ion:149 Resp: 870108

Ion Ratio Lower Upper

149 100

177 21.2 16.6 25.0

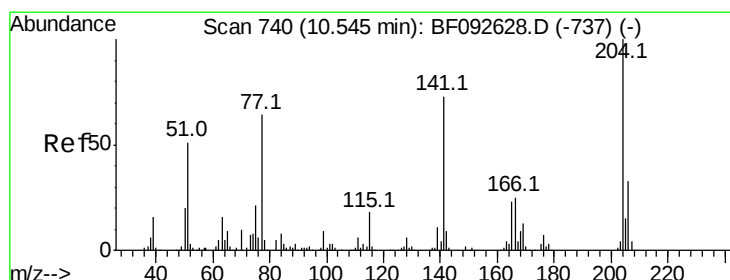
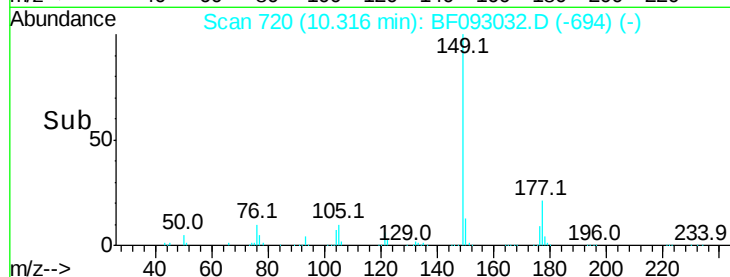
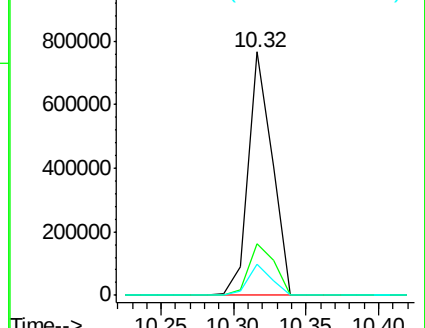
150 12.8 10.4 15.6



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: 41.63 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

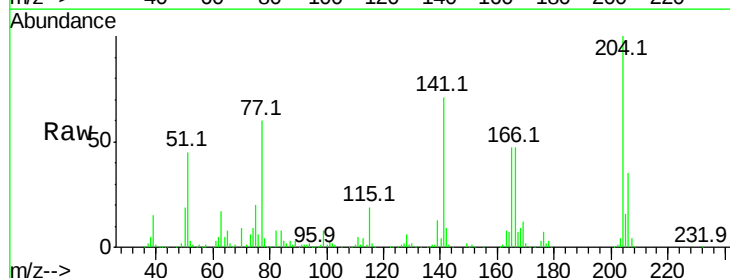
Tgt Ion:204 Resp: 358164

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

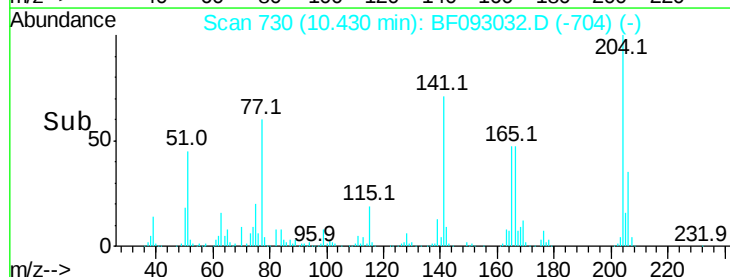
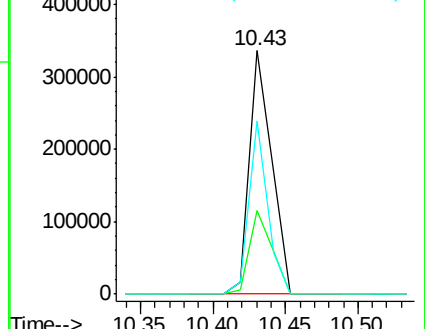
141 70.9 59.4 89.0

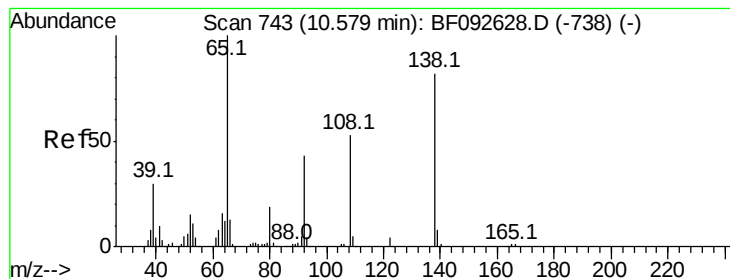


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 49.34 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

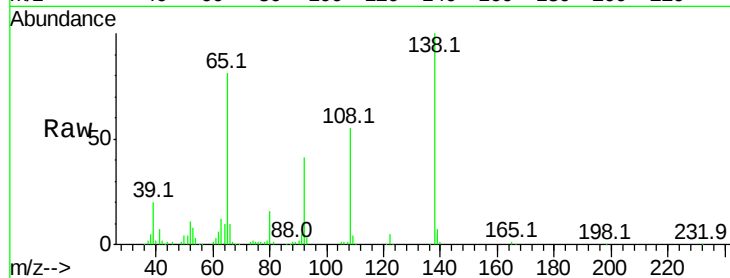
Tot Ion:138 Resp: 250247

Ion Ratio Lower Upper

138 100

92 40.9 31.7 71.7

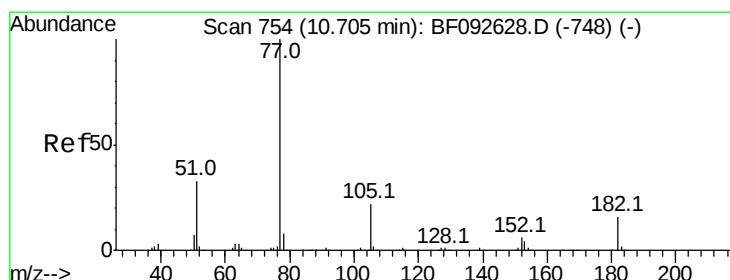
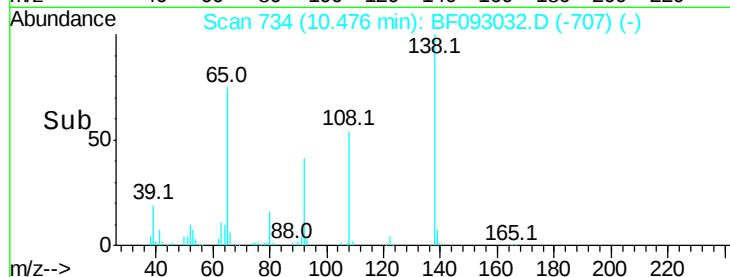
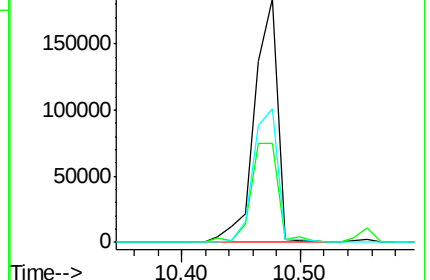
108 54.6 52.6 92.6



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: 50.63 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Tgt Ion: 77 Resp: 987609

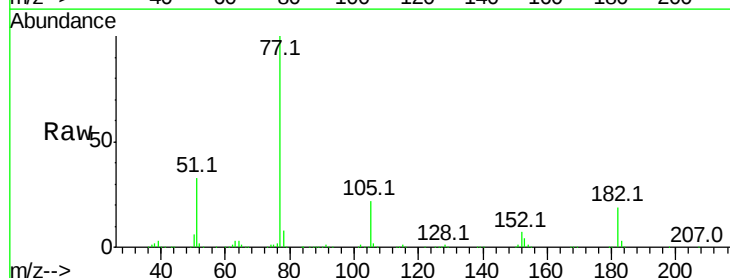
Ion Ratio Lower Upper

77 100

182 18.7 0.0 39.3

105 22.3 2.3 42.3

51 32.8 8.9 48.9

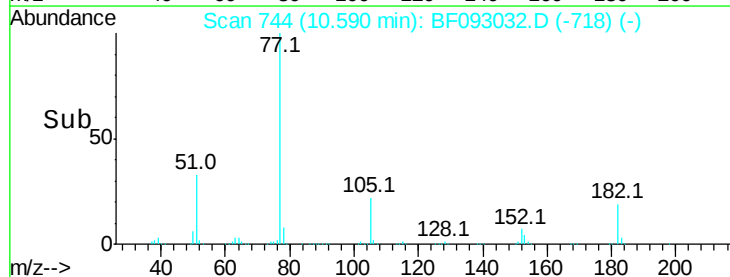
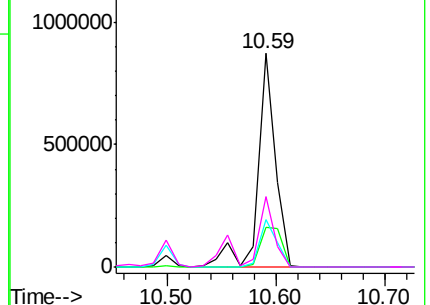


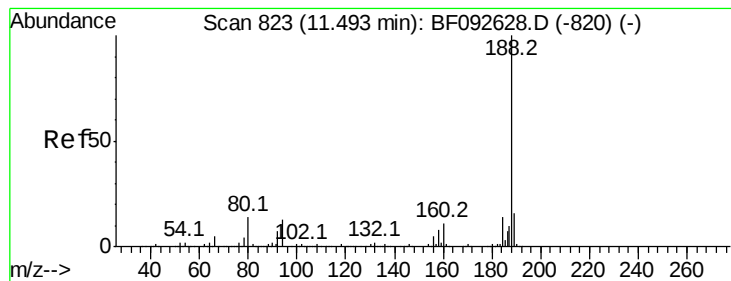
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

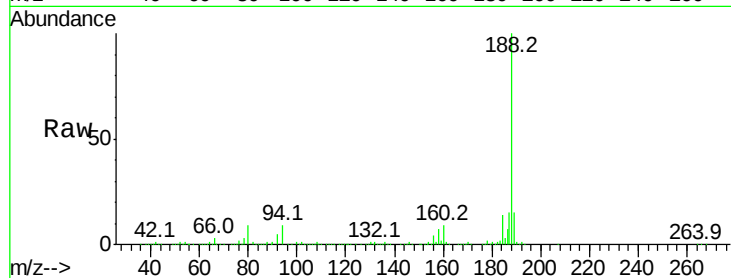
Tot Ion:188 Resp: 559279

Ion Ratio Lower Upper

188 100

94 9.1 10.0 15.0#

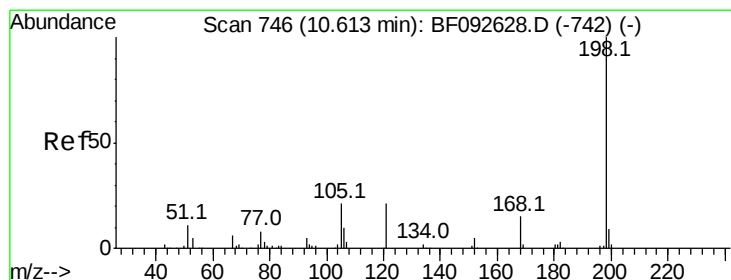
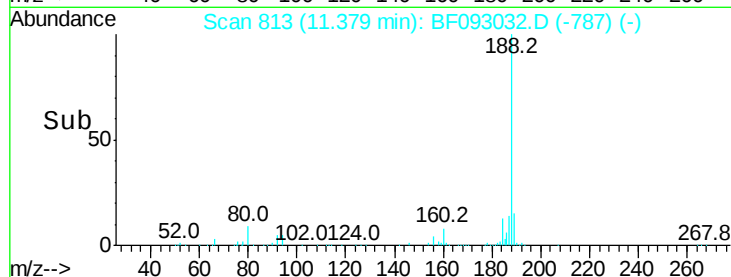
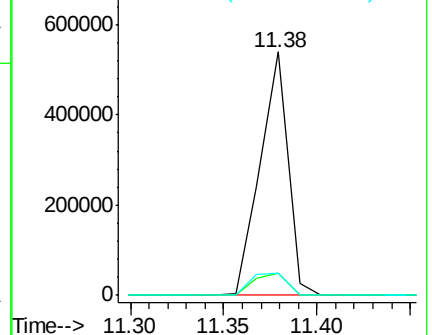
80 9.3 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.92 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

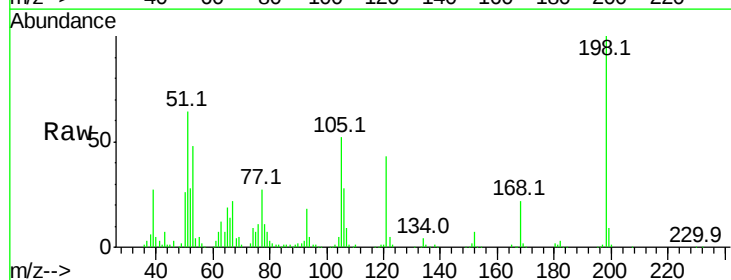
Tgt Ion:198 Resp: 159496

Ion Ratio Lower Upper

198 100

51 63.8 6.7 46.7#

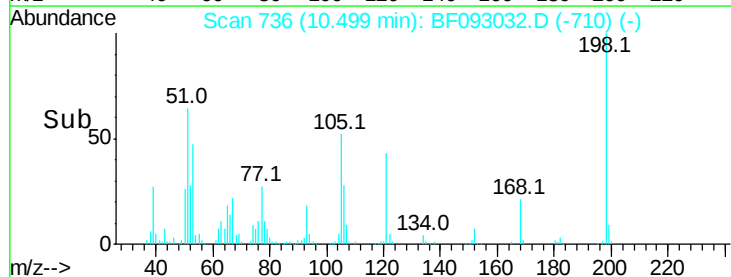
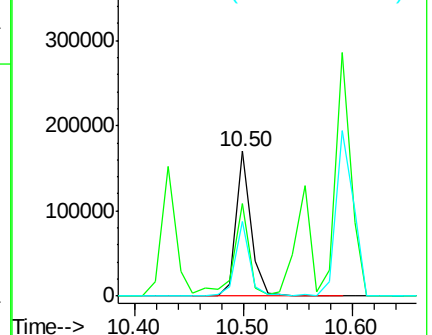
105 51.8 16.6 56.6

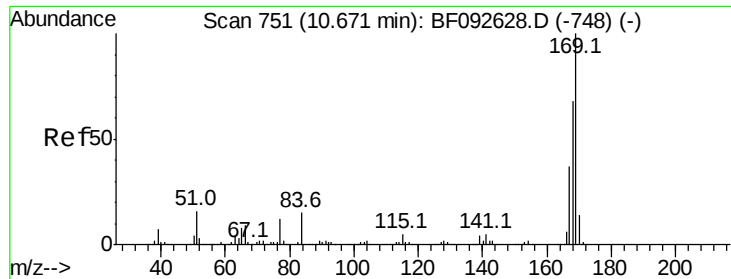


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

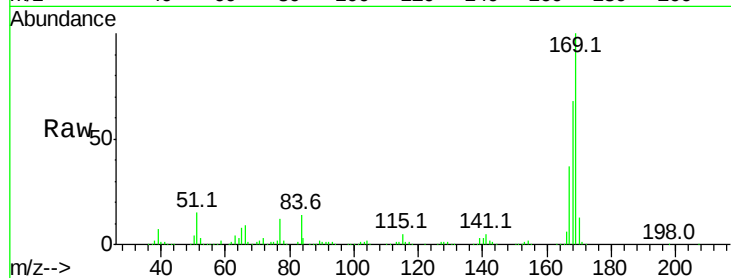




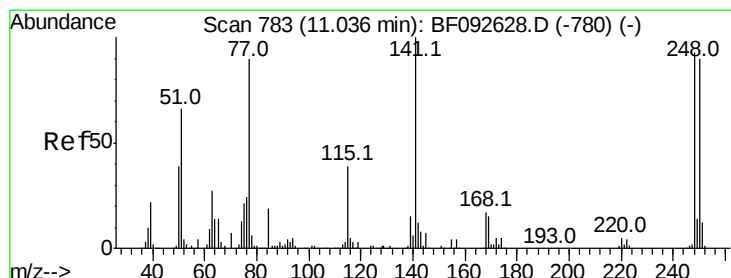
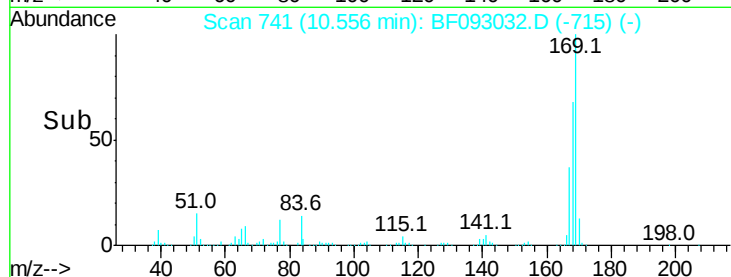
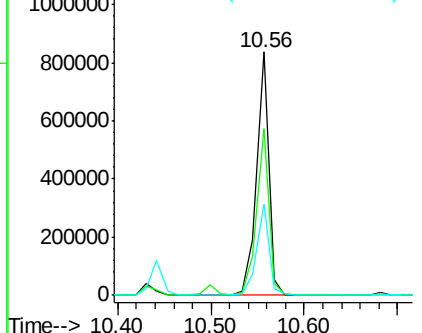
#65
n-Nitrosodiphenylamine
Concen: 42.56 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB97057BS

Tot Ion:169 Resp: 760355
Ion Ratio Lower Upper
169 100
168 68.3 54.2 81.2
167 37.4 30.2 45.4

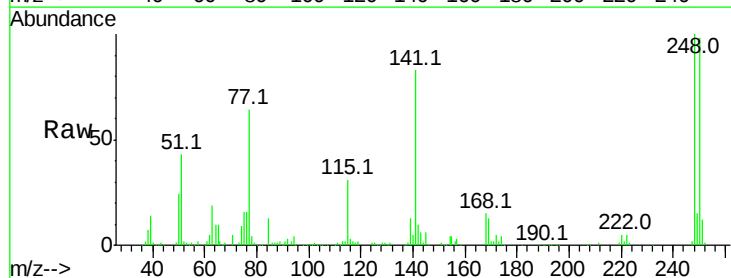


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

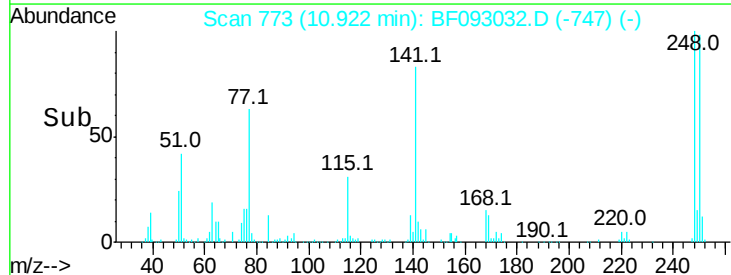
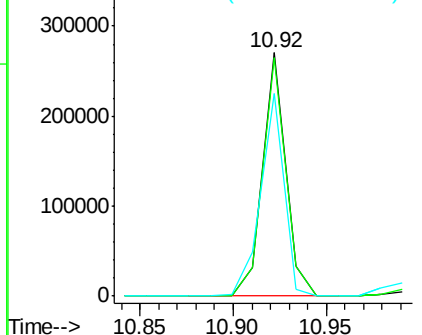


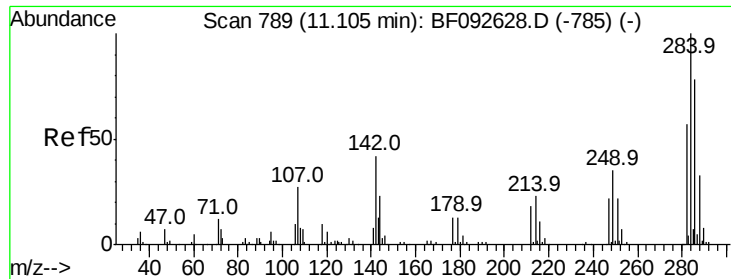
#66
4-Bromophenyl-phenylether
Concen: 39.58 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion:248 Resp: 231283
Ion Ratio Lower Upper
248 100
250 98.0 76.9 115.3
141 83.4 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

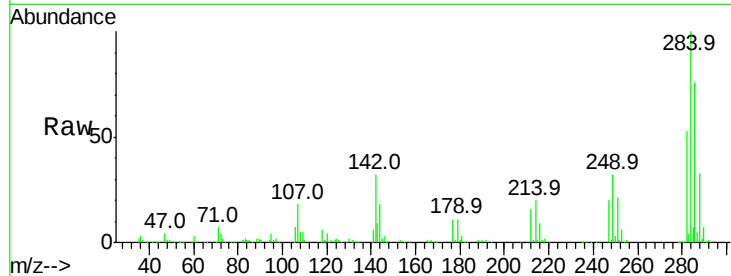




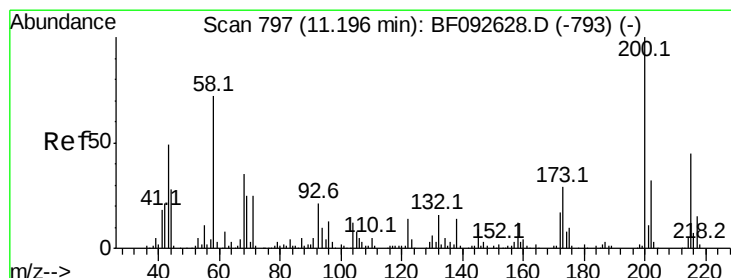
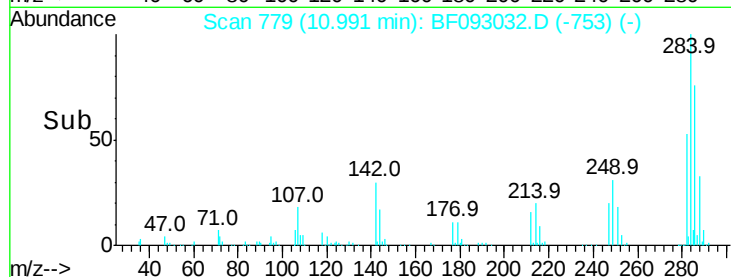
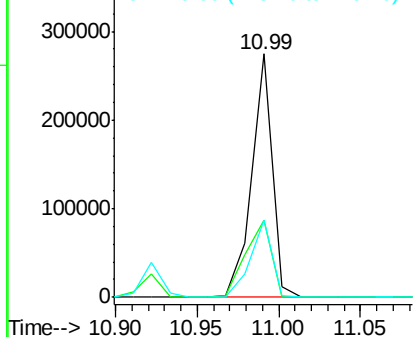
#67
Hexachlorobenzene
Concen: 41.50 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB97057BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.6	33.8
249	32.0	25.4	38.0

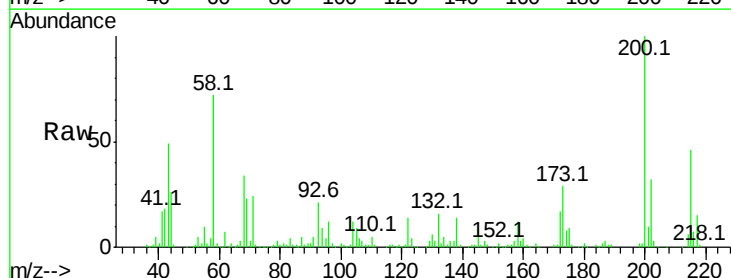


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

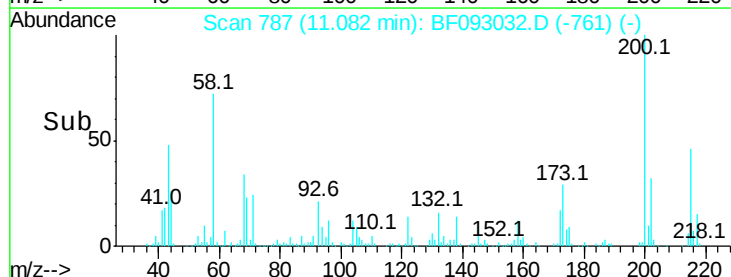
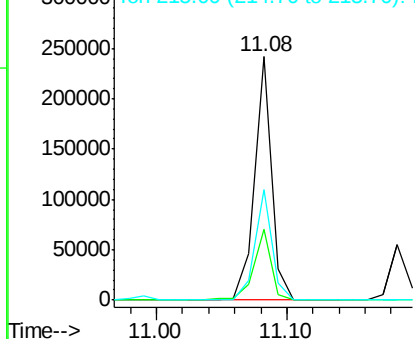


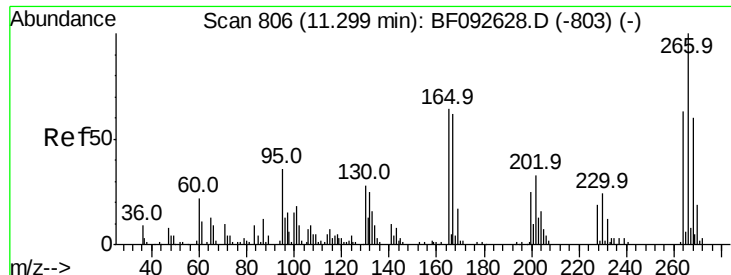
#68
Atrazine
Concen: 38.59 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	9.6	49.6
215	45.5	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

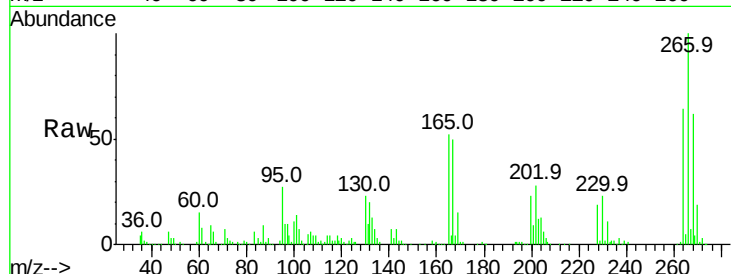




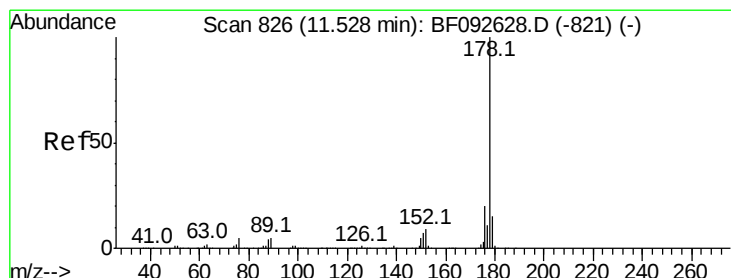
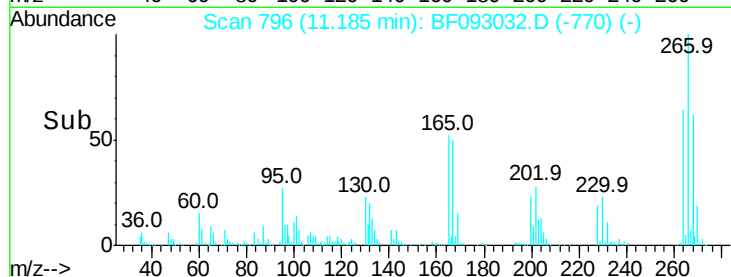
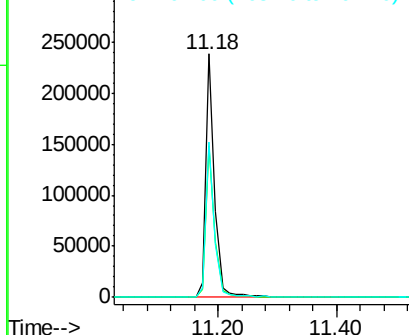
#69
 Pentachlorophenol
 Concen: 84.49 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

Tot Ion:266 Resp: 253162
 Ion Ratio Lower Upper
 266 100
 268 62.4 53.3 79.9
 264 63.7 50.3 75.5

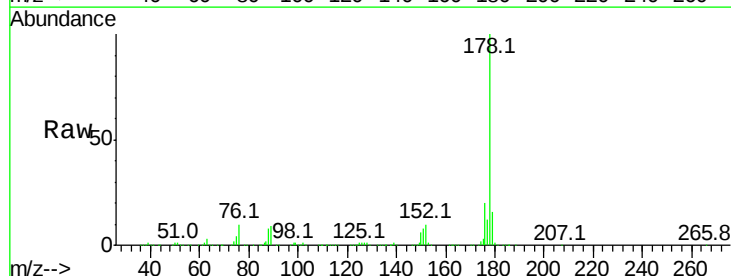


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

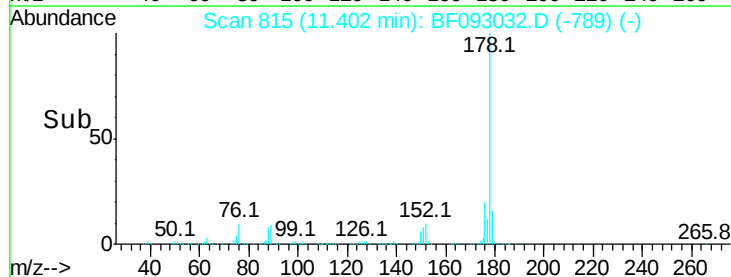
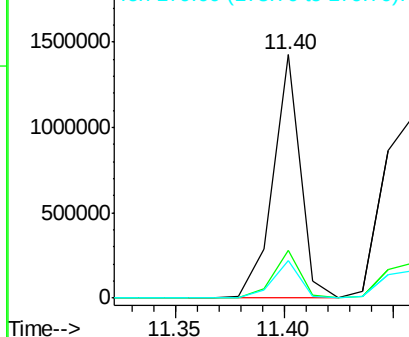


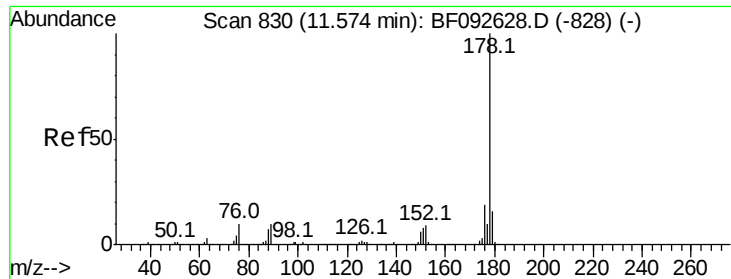
#70
 Phenanthrene
 Concen: 39.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion:178 Resp: 1249629
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.6 12.8 19.2



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

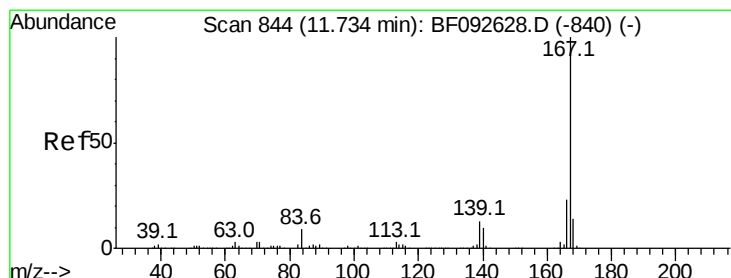
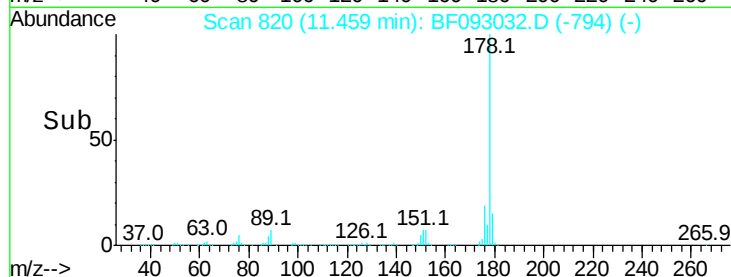
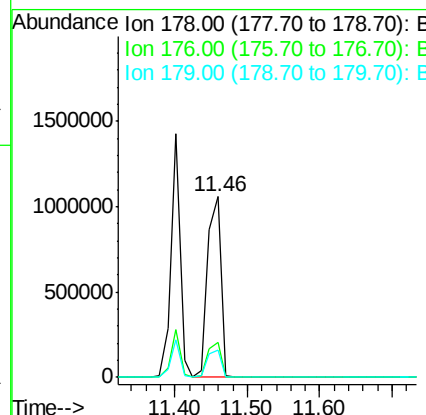
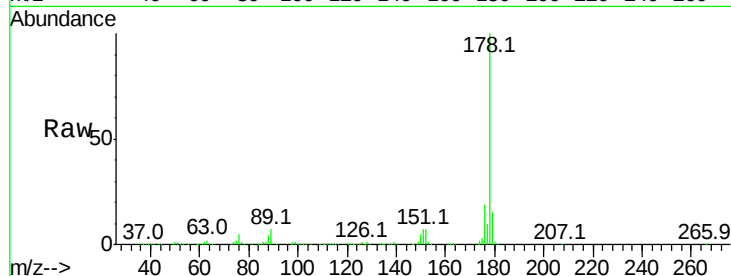




#71
 Anthracene
 Concen: 42.33 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

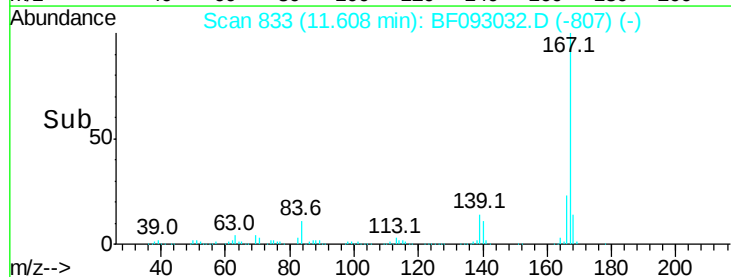
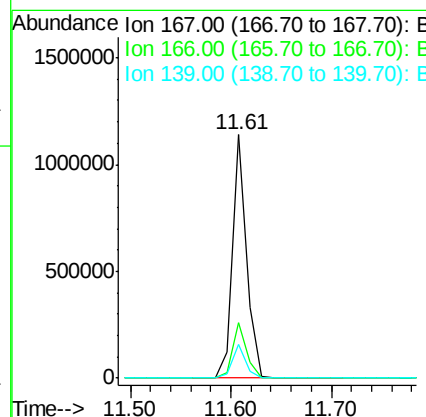
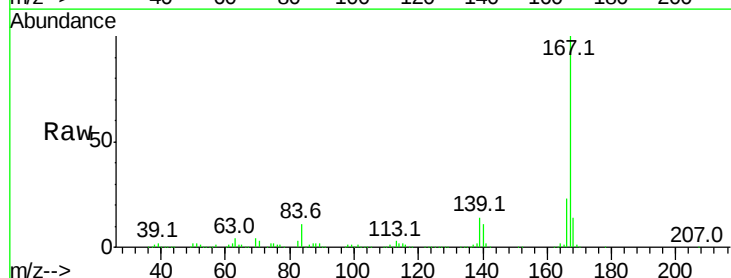
Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

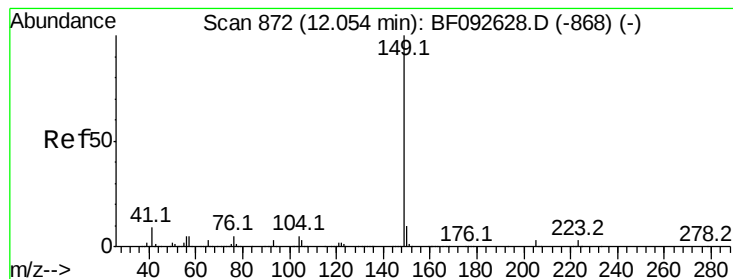
Tot Ion:178 Resp: 1362047
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.1 13.2 19.8



#72
 Carbazole
 Concen: 36.05 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion:167 Resp: 1108944
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 45.71 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

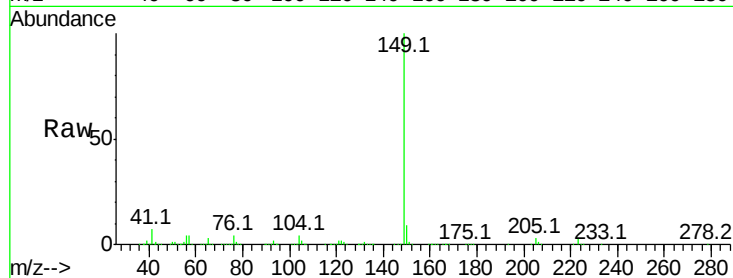
Tot Ion:149 Resp: 1520628

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

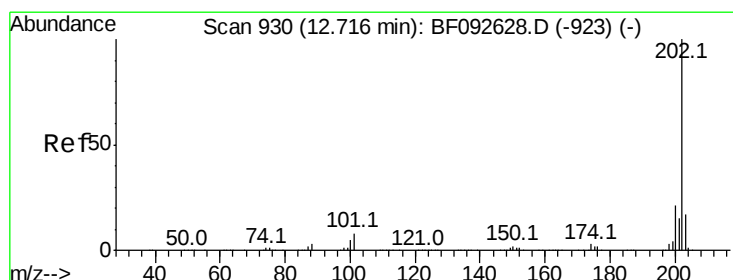
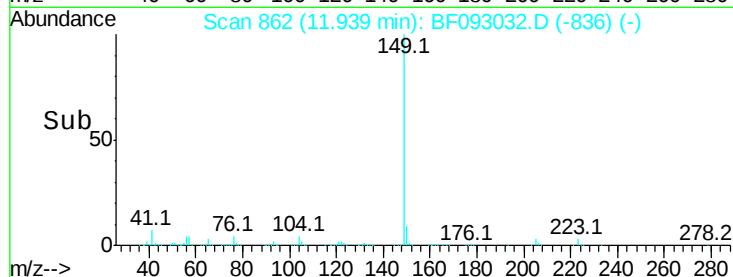
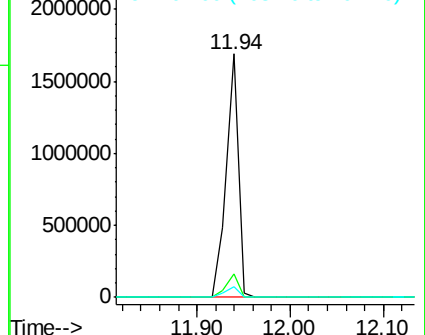
104 4.3 4.6 7.0#



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: 42.96 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

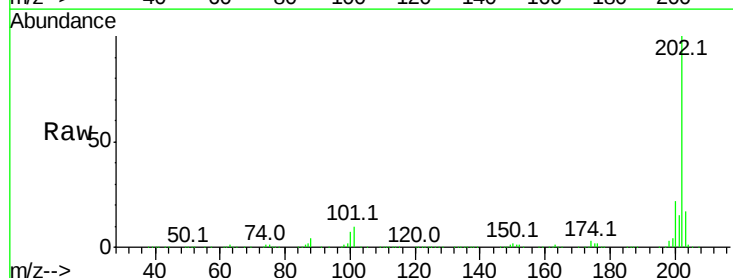
Tgt Ion:202 Resp: 1419906

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.6

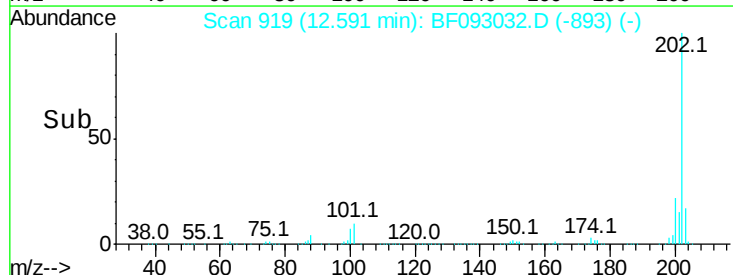
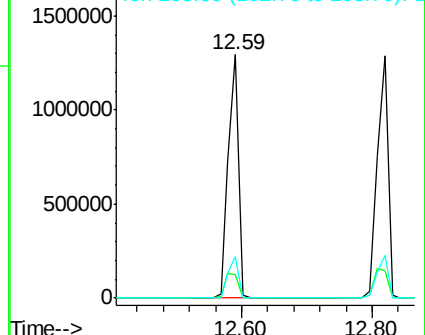
203 17.3 0.0 38.7

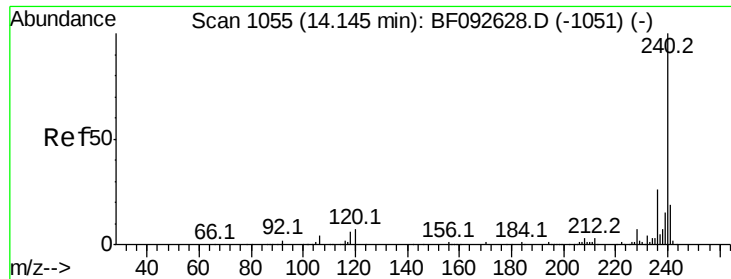


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

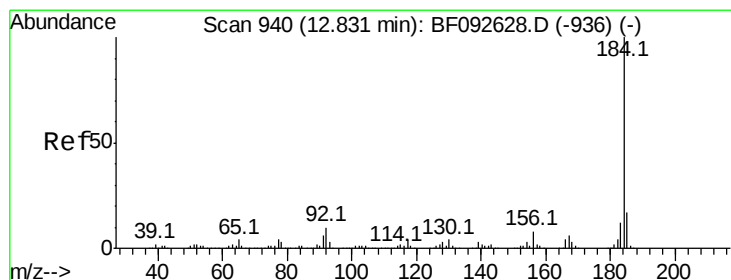
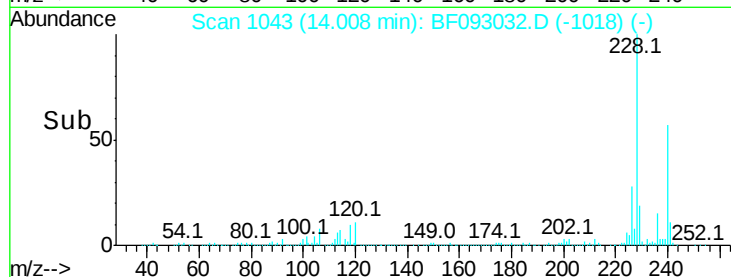
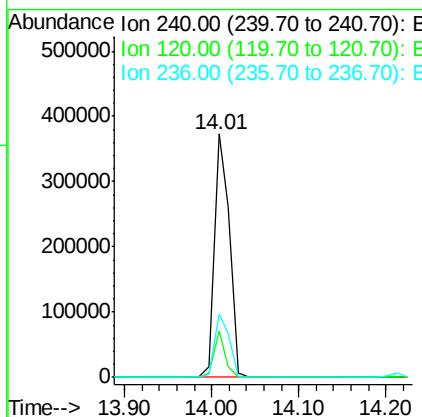
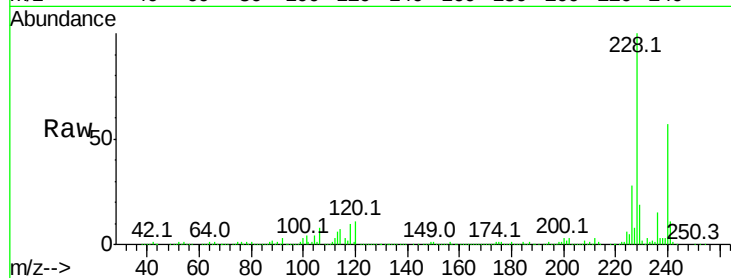




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

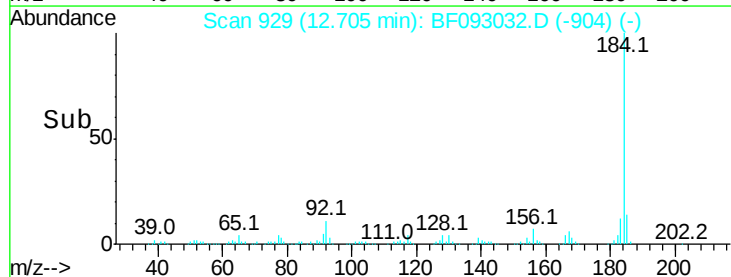
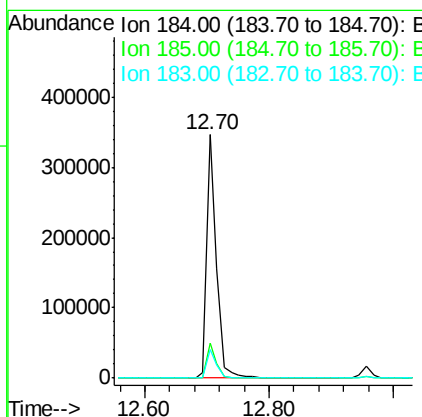
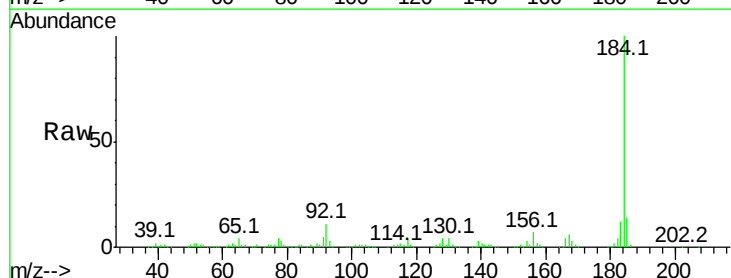
Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

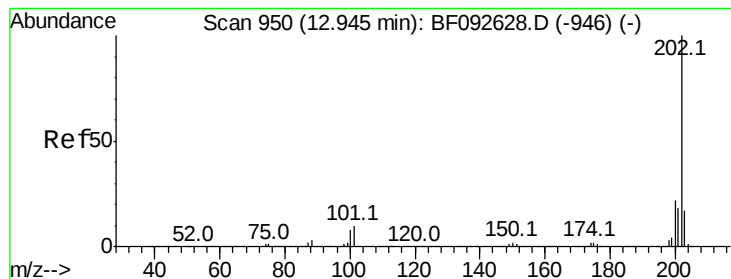
Tot Ion:240 Resp: 453539
 Ion Ratio Lower Upper
 240 100
 120 19.3 12.9 19.3
 236 25.7 20.9 31.3



#76
 Benzidine
 Concen: 19.55 ng
 RT: 12.70 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion:184 Resp: 377777
 Ion Ratio Lower Upper
 184 100
 185 14.4 13.4 20.0
 183 11.8 9.2 13.8





#77

Pvrene

Concen: 42.44 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

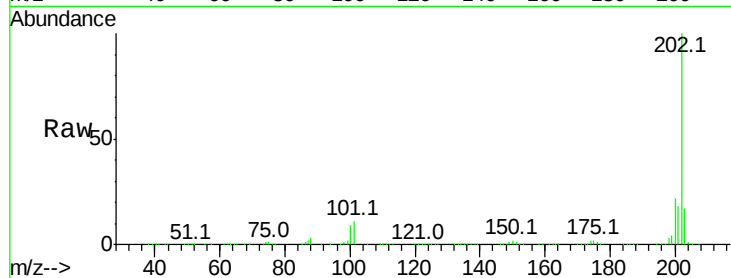
Tot Ion:202 Resp: 1440543

Ion Ratio Lower Upper

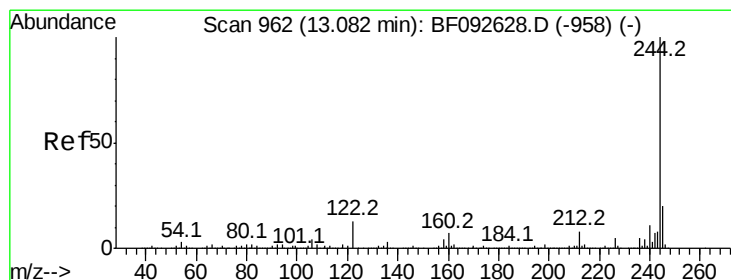
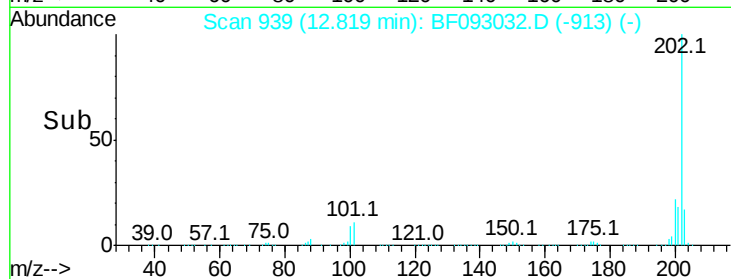
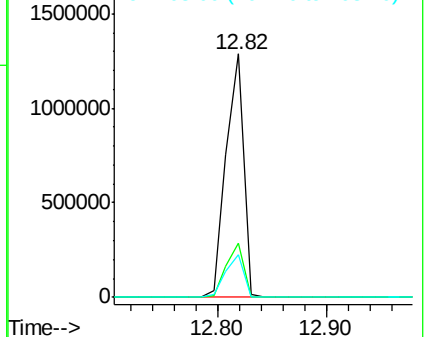
202 100

200 22.0 17.7 26.5

203 17.4 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: 73.31 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

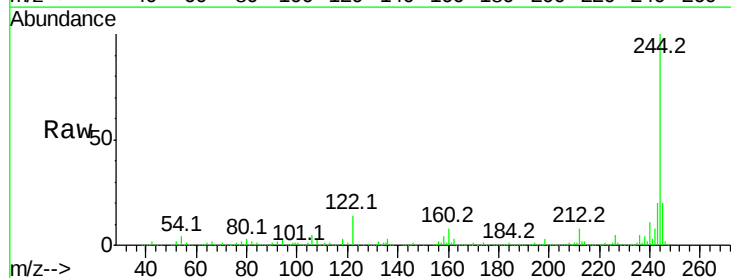
Tgt Ion:244 Resp: 1415064

Ion Ratio Lower Upper

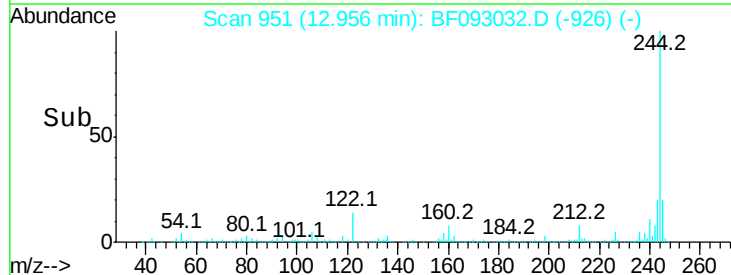
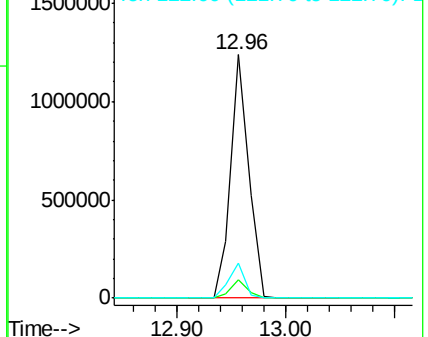
244 100

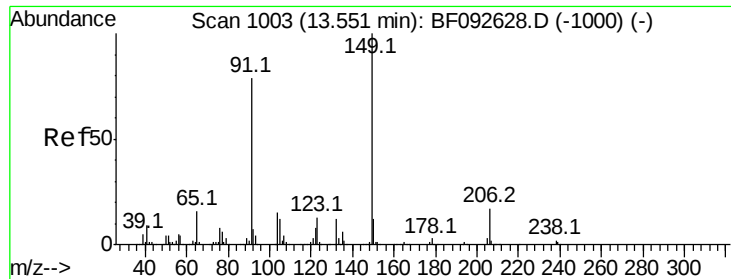
212 7.7 6.2 9.2

122 14.4 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

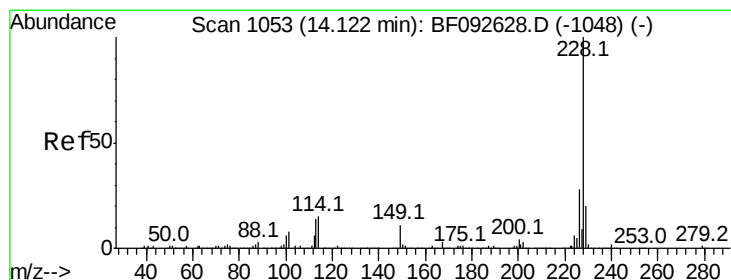
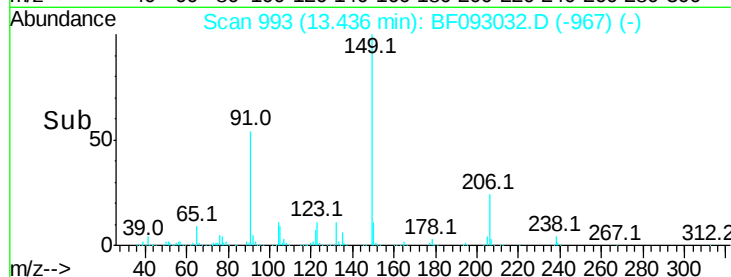
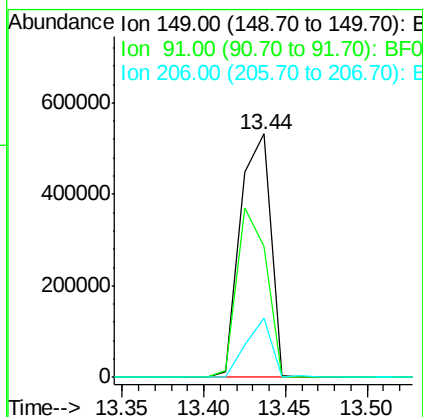
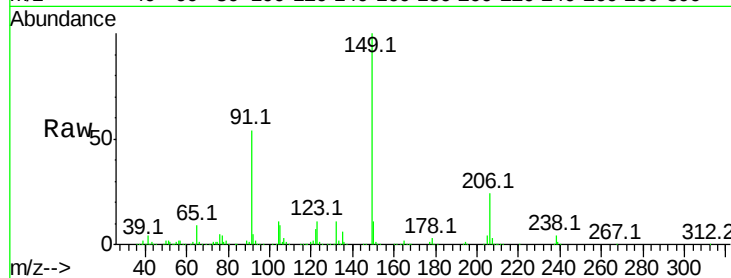




#79
Butylbenzylphthalate
Concen: 49.56 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

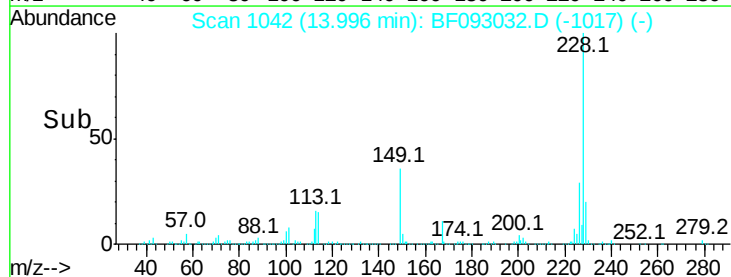
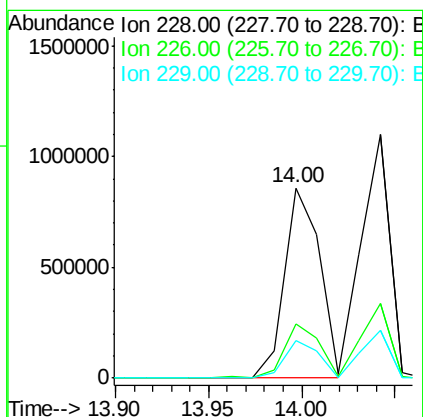
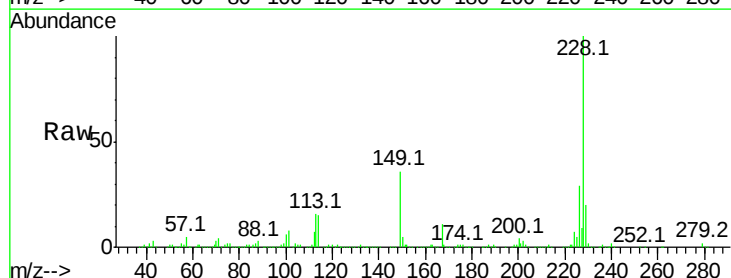
Instrument :
BNA_F
ClientSampleId :
PB97057BS

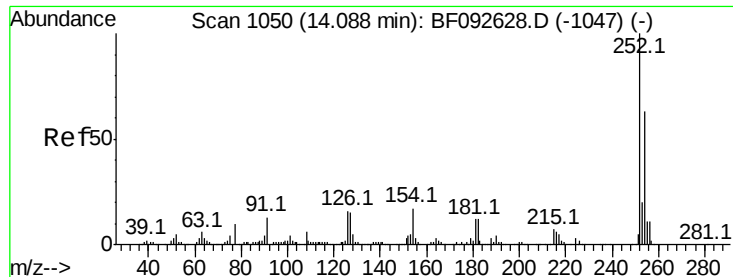
Tot Ion:149 Resp: 683133
Ion Ratio Lower Upper
149 100
91 53.6 63.9 95.9#
206 24.2 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 40.93 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion:228 Resp: 1135313
Ion Ratio Lower Upper
228 100
226 28.7 22.4 33.6
229 19.9 16.2 24.4

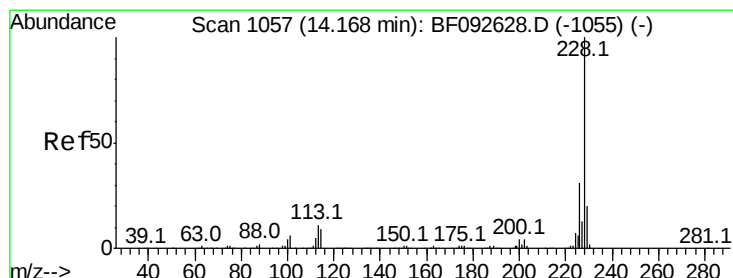
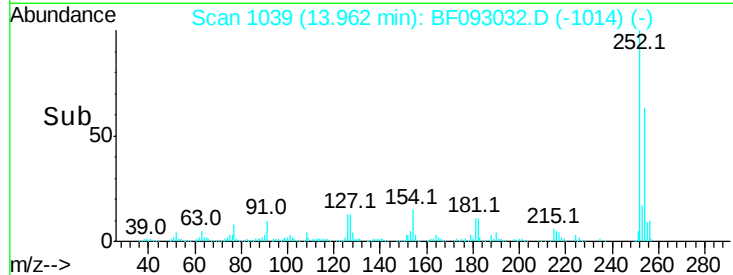
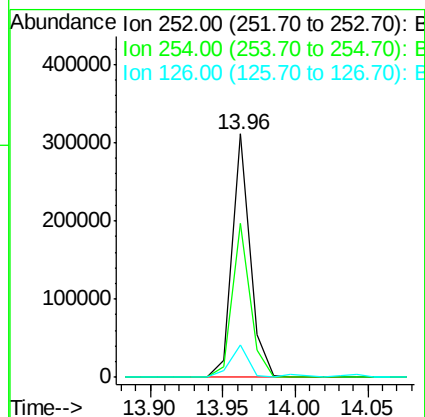
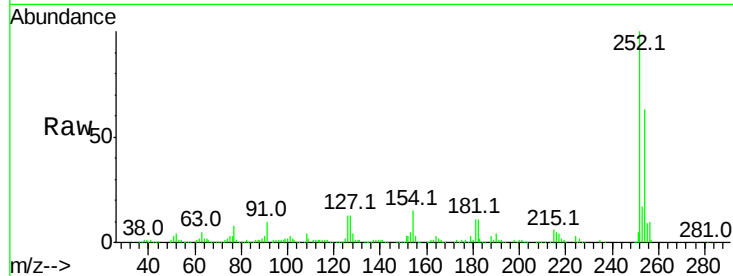




#81
 3,3'-Dichlorobenzidine
 Concen: 27.24 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

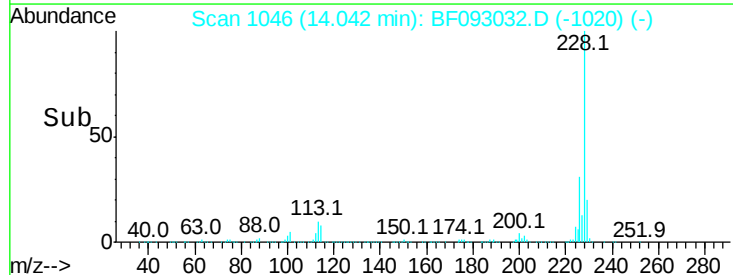
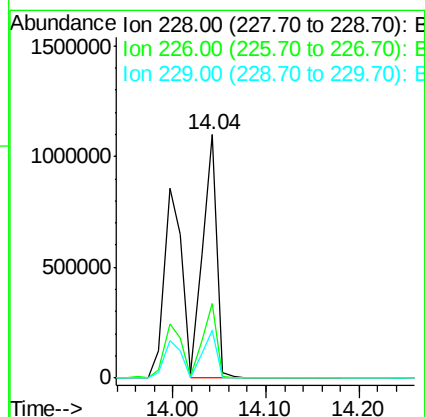
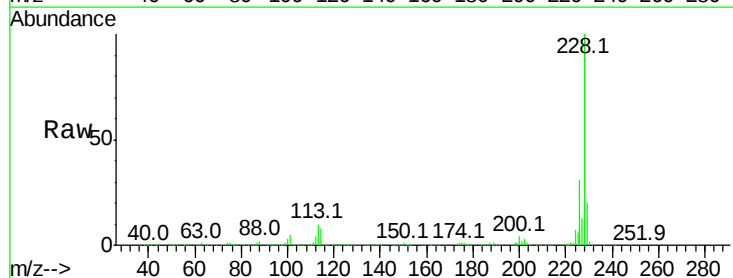
Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

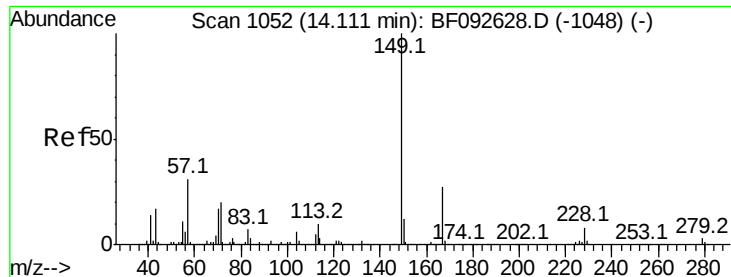
Tot Ion:252 Resp: 269317
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.3 78.5
 126 13.1 13.6 20.4#



#82
 Chrysene
 Concen: 44.73 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion:228 Resp: 1161812
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.0
 229 19.6 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.37 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

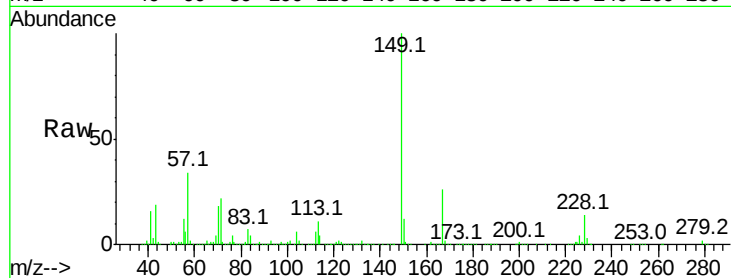
Tot Ion:149 Resp: 855288

Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

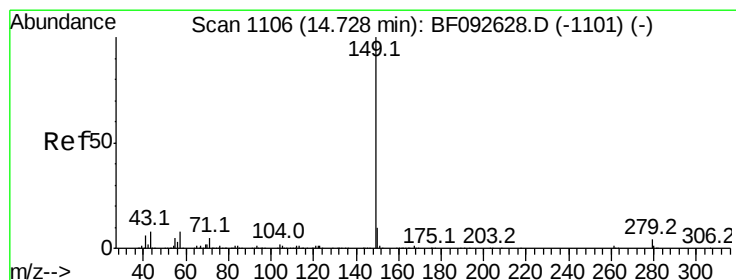
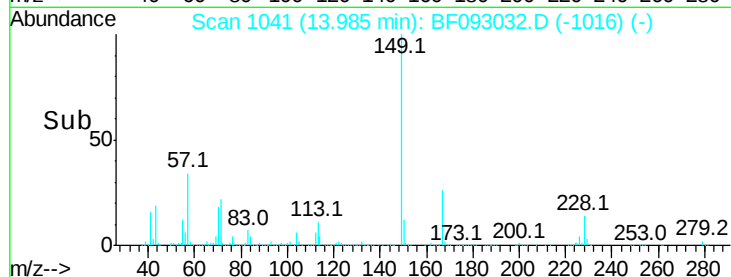
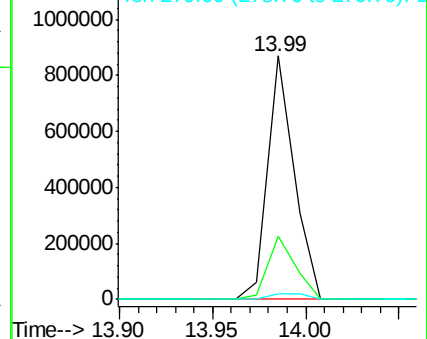
279 2.2 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.36 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

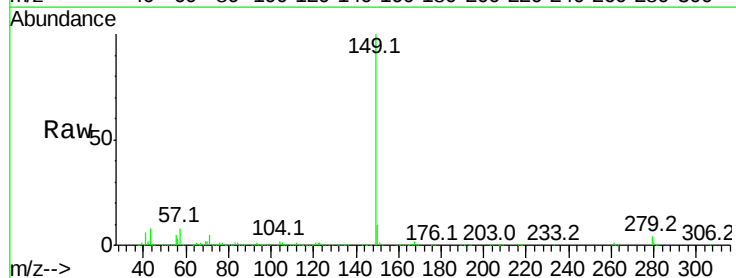
Tgt Ion:149 Resp: 1545672

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

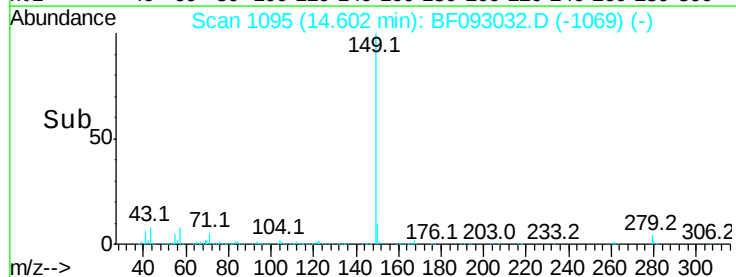
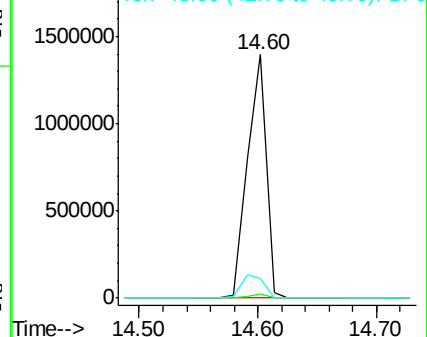
43 11.1 8.9 13.3

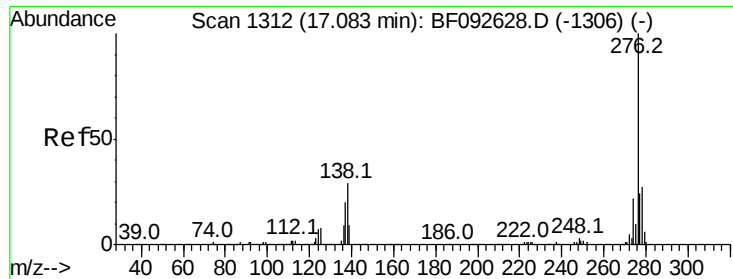


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



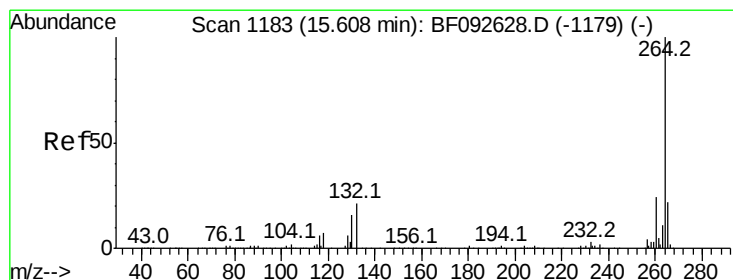
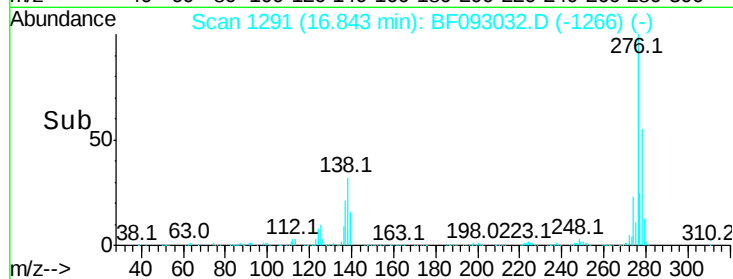
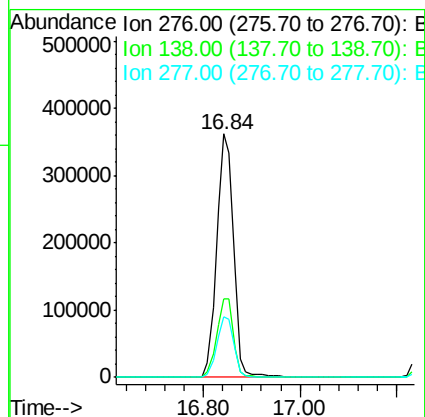
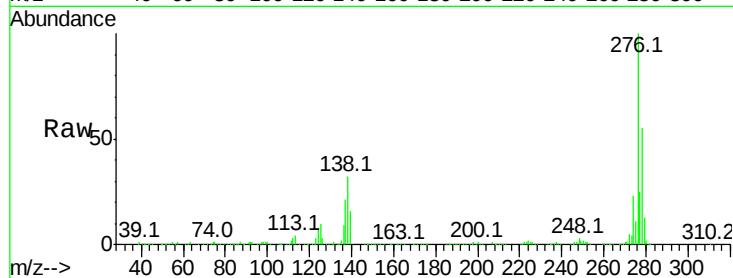


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.13 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97057BS

Tot Ion:276 Resp: 887700

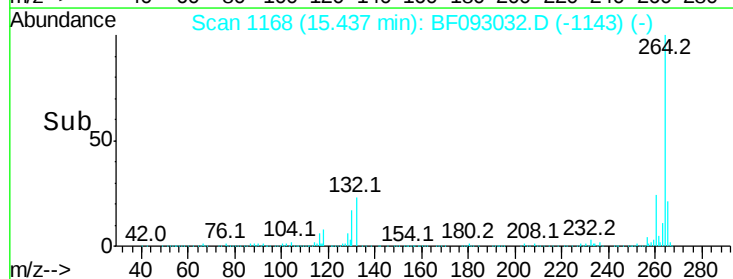
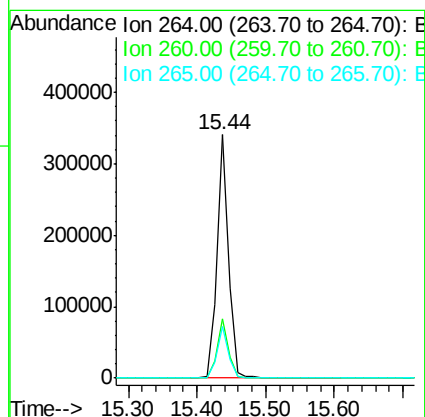
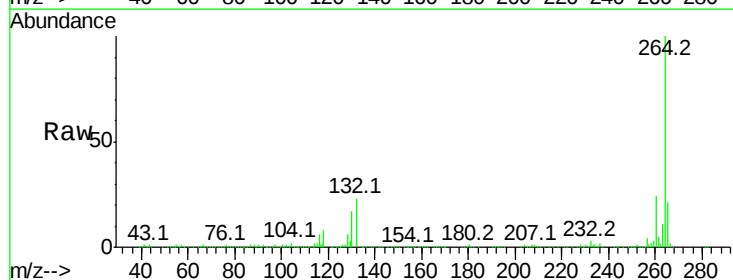
Ion	Ratio	Lower	Upper
276	100		
138	32.6	21.8	32.6
277	25.2	20.2	30.4

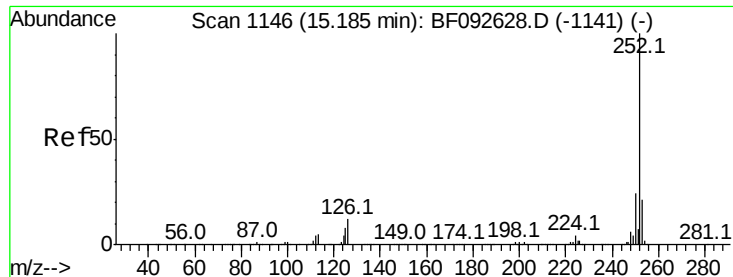


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093032.D
 Acq: 20 Feb 2017 17:03

Tgt Ion:264 Resp: 403510

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.4	26.0

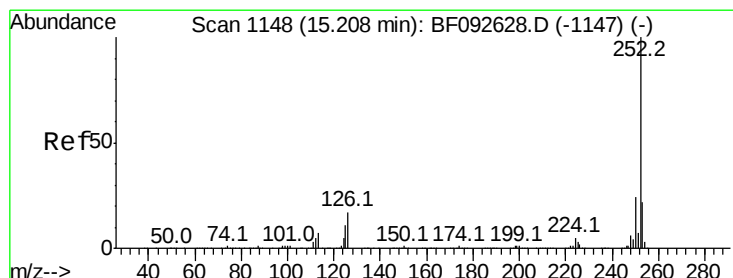
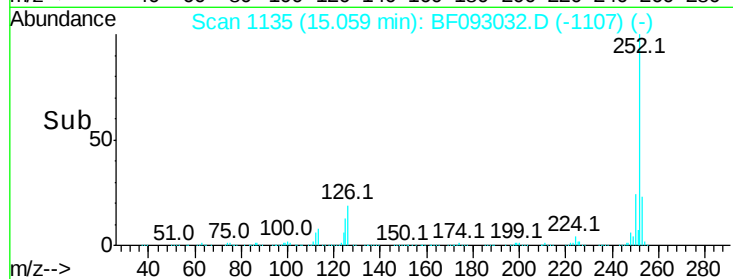
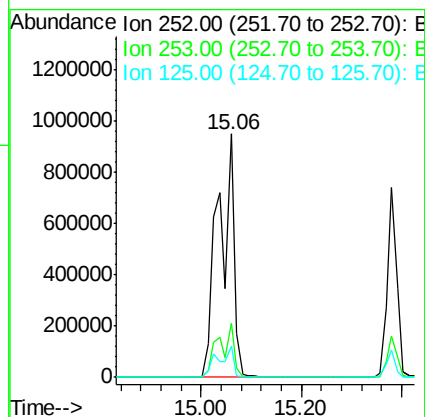
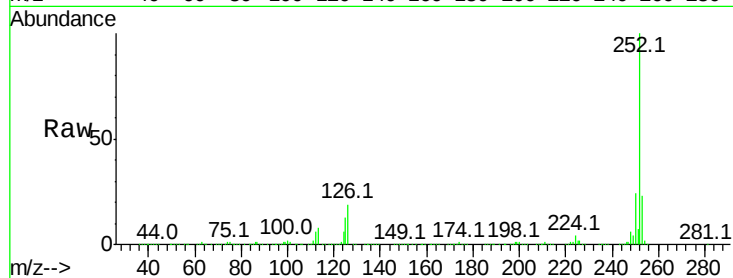




#87
Benzo(b)fluoranthene
Concen: 77.46 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.02 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

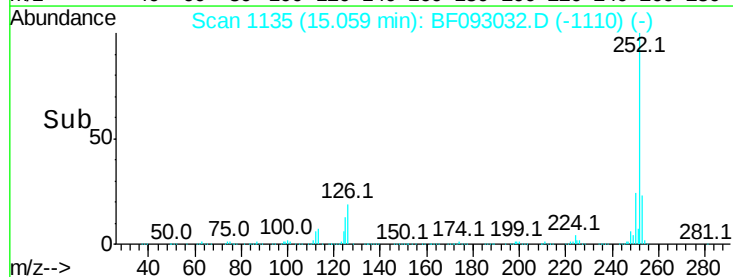
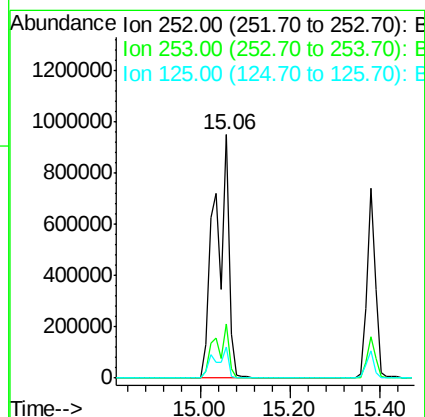
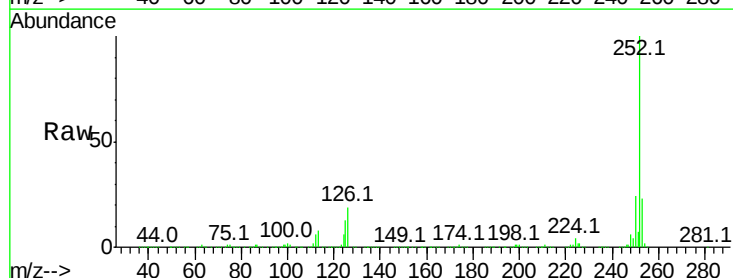
Instrument :
BNA_F
ClientSampleId :
PB97057BS

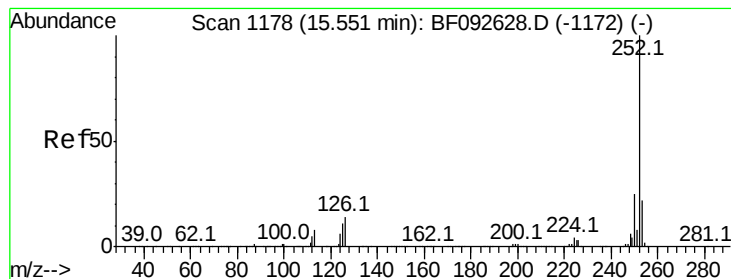
Tot Ion:252 Resp: 2057227
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 12.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 89.76 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093032.D
Acq: 20 Feb 2017 17:03

Tgt Ion:252 Resp: 2058232
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 12.6 8.9 13.3





#89

Benzo(a)pyrene

Concen: 42.41 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

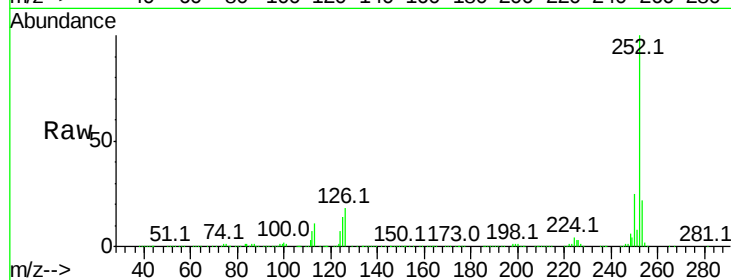
Tot Ion:252 Resp: 974336

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

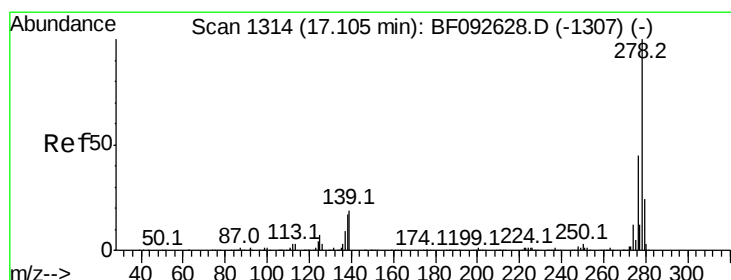
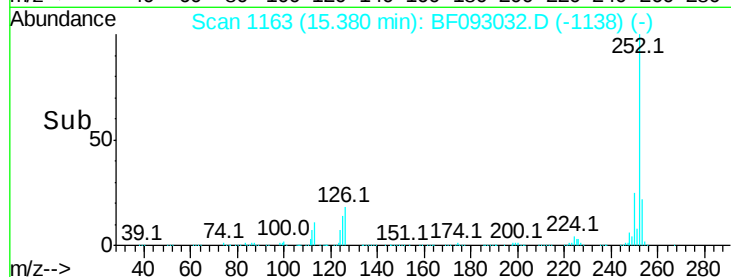
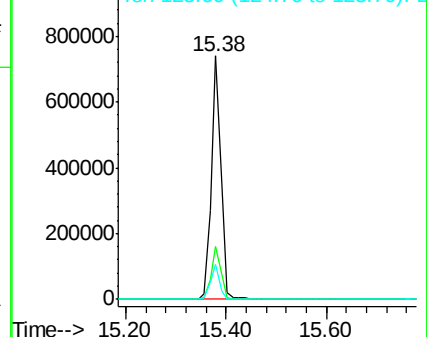
125 14.2 10.0 15.0



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: 40.06 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

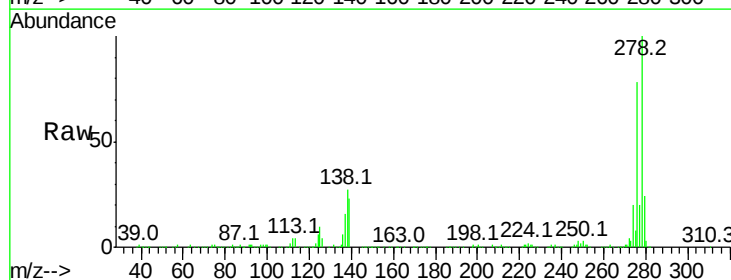
Tgt Ion:278 Resp: 743889

Ion Ratio Lower Upper

278 100

139 22.7 14.8 22.2#

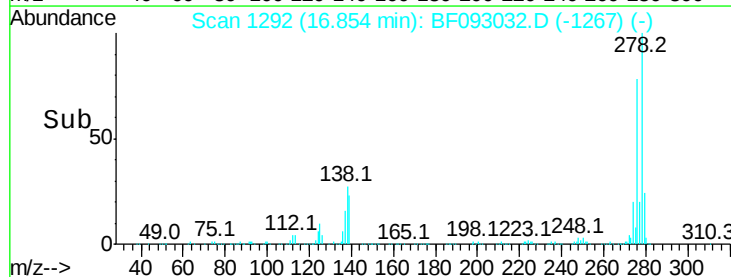
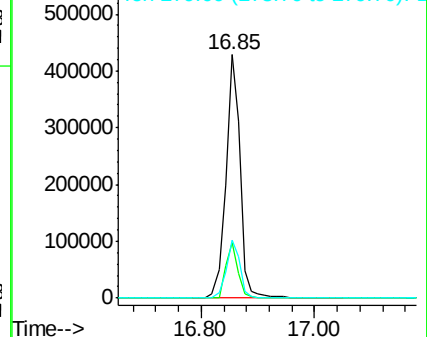
279 23.8 19.8 29.6

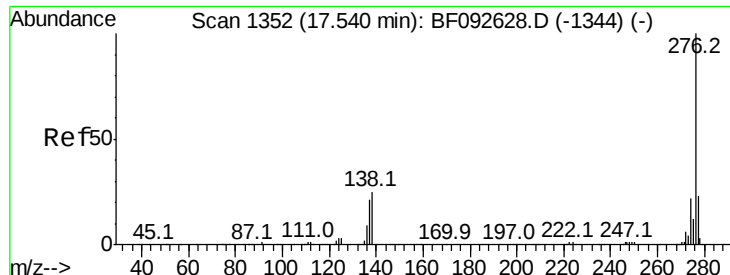


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.05 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF093032.D

Acq: 20 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB97057BS

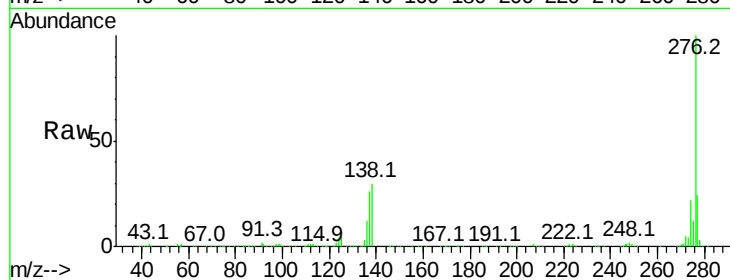
Tot Ion:276 Resp: 732427

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 30.0 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

