

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095230.D
 Acq On : 18 May 2017 19:22
 Operator : SJ/MA
 Sample : I3140-18MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

Quant Time: May 19 02:26:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	93695	20.00	ng	0.01
21) Naphthalene-d8	9.79	136	386041	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	182066	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	315190	20.00	ng	0.00
75) Chrysene-d12	18.69	240	242631	20.00	ng	0.00
86) Perylene-d12	20.37	264	161125	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	313400	55.77	ng	0.09
7) Phenol-d6	7.33	99	461459	68.44	ng	0.02
23) Nitrobenzene-d5	8.68	82	517517	84.53	ng	0.01
41) 2,4,6-Tribromophenol	13.92	330	94742	63.54	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1032892	81.66	ng	0.00
78) Terphenyl-d14	17.34	244	875800	79.50	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	77661	28.18	ng	93
3) Pyridine	2.98	79	175765	27.52	ng	99
4) n-Nitrosodimethylamine	2.92	42	74587	28.01	ng	84
6) Aniline	7.30	93	338415	39.75	ng	95
8) 2-Chlorophenol	7.49	128	146020	22.83	ng	93
9) Benzaldehyde	7.12	77	82327	19.99	ng	97
10) Phenol	7.35	94	128037	18.02	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	225569	38.45	ng	96
12) 1,3-Dichlorobenzene	7.68	146	256514	35.35	ng	97
13) 1,4-Dichlorobenzene	7.80	146	267561	36.36	ng	97
14) 1,2-Dichlorobenzene	8.04	146	253517	36.91	ng	96
15) Benzyl Alcohol	8.07	79	202116	46.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	310990	37.46	ng	94
17) 2-Methylphenol	8.28	107	134107	25.62	ng	94
18) Hexachloroethane	8.55	117	89239	35.80	ng	# 86
19) n-Nitroso-di-n-propylamine	8.48	70	187205	41.05	ng	# 92
20) 3+4-Methylphenols	8.54	107	169594	23.84	ng	# 56
22) Acetophenone	8.45	105	369740	39.92	ng	# 84
24) Nitrobenzene	8.71	77	258327	40.26	ng	94
25) Isophorone	9.11	82	481779	44.07	ng	94
26) 2-Nitrophenol	9.22	139	72097	20.82	ng	97
27) 2,4-Dimethylphenol	9.35	122	163943	29.29	ng	99
28) bis(2-Chloroethoxy)methane	9.47	93	272499	36.03	ng	99
29) 2,4-Dichlorophenol	9.65	162	115811	21.91	ng	98
30) 1,2,4-Trichlorobenzene	9.71	180	215442	38.04	ng	99
31) Naphthalene	9.82	128	746008	38.45	ng	98
33) 4-Chloroaniline	9.96	127	290543	40.18	ng	# 93
34) Hexachlorobutadiene	10.04	225	104946	35.12	ng	97
35) Caprolactam	10.57	113	57393	36.16	ng	89
36) 4-Chloro-3-methylphenol	10.83	107	144489	25.57	ng	87
37) 2-Methylnaphthalene	10.95	142	540918	42.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	212225	37.90	ng	98
40) Hexachlorocyclopentadiene	11.20	237	64648	31.44	ng	99
42) 2,4,6-Trichlorophenol	11.45	196	84935	22.72	ng	99

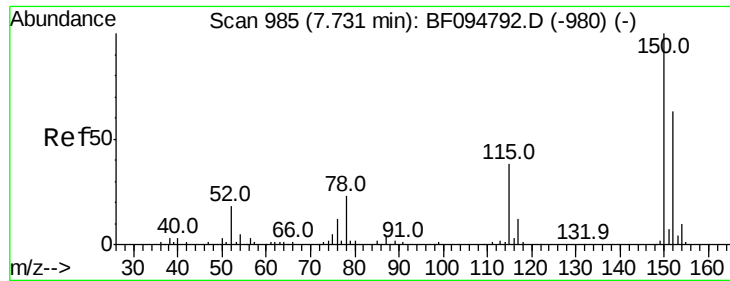
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.56	196	65587	16.32	nq	# 93
45) 1,1'-Biphenyl	11.71	154	620834	40.50	nq	98
46) 2-Chloronaphthalene	11.73	162	480467	38.82	nq	96
47) 2-Nitroaniline	11.95	65	116849	34.49	nq	# 82
48) Acenaphthylene	12.39	152	775782	40.02	nq	99
49) Dimethylphthalate	12.26	163	556307	37.22	nq	99
50) 2,6-Dinitrotoluene	12.35	165	125875	41.28	nq	93
51) Acenaphthene	12.67	154	450422	38.90	nq	99
52) 3-Nitroaniline	12.63	138	124079	37.91	nq	86
54) Dibenzofuran	12.96	168	697551	43.53	nq	97
55) 4-Nitrophenol	13.09	139	8677	4.41	nq	# 75
56) 2,4-Dinitrotoluene	13.02	165	136322	34.79	nq	# 94
57) Fluorene	13.51	166	549134	39.41	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	39603	15.66	nq	# 94
59) Diethylphthalate	13.41	149	550548	38.43	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	249421	40.73	nq	90
61) 4-Nitroaniline	13.63	138	105291	35.04	nq	94
62) Azobenzene	13.79	77	512697	44.54	nq	93
65) n-Nitrosodiphenylamine	13.74	169	469957	41.08	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	136274	40.92	nq	97
67) Hexachlorobenzene	14.41	284	139008	40.73	nq	# 88
68) Atrazine	14.67	200	145779	45.13	nq	97
69) Pentachlorophenol	14.79	266	11883	13.00	nq	90
70) Phenanthrene	15.06	178	751858	41.52	nq	98
71) Anthracene	15.14	178	782392	42.29	nq	98
72) Carbazole	15.42	167	720199	42.79	nq	97
73) Di-n-butylphthalate	15.98	149	896685	42.72	nq	99
74) Fluoranthene	16.80	202	780604	42.02	nq	99
76) Benzidine	17.03	184	1227413	167.96	nq	# 93
77) Pyrene	17.11	202	769027	42.38	nq	99
79) Butylbenzylphthalate	18.00	149	350588	41.54	nq	88
80) Benzo(a)anthracene	18.68	228	559859	39.65	nq	98
81) 3,3'-Dichlorobenzidine	18.66	252	148943	30.54	nq	# 96
82) Chrysene	18.72	228	541504	39.66	nq	99
83) Bis(2-ethylhexyl)phthalate	18.74	149	502622	41.80	nq	100
84) Di-n-octyl phthalate	19.51	149	700000	35.50	nq	# 95
85) Indeno(1,2,3-cd)pyrene	21.70	276	395901	35.70	nq	99
87) Benzo(b)fluoranthene	19.96	252	403930	40.57	nq	98
88) Benzo(k)fluoranthene	19.98	252	437196	45.52	nq	96
89) Benzo(a)pyrene	20.31	252	378940	41.25	nq	100
90) Dibenzo(a,h)anthracene	21.70	278	333144	43.91	nq	96
91) Benzo(g,h,i)perylene	22.08	276	316200	42.47	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

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TP-25-6MSD

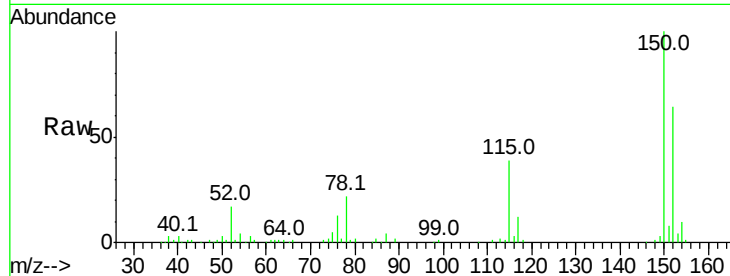
Tot Ion:152 Resp: 93695

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

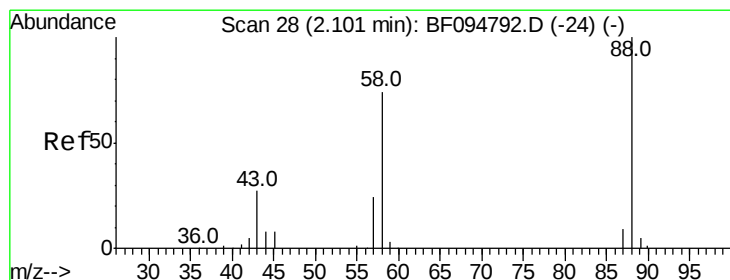
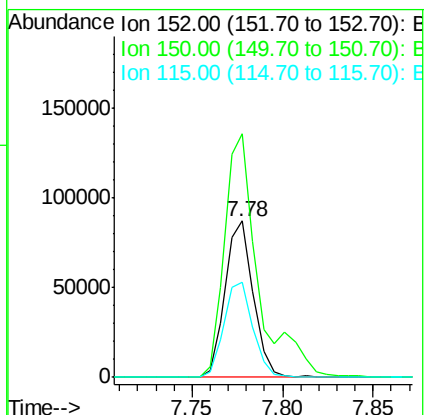
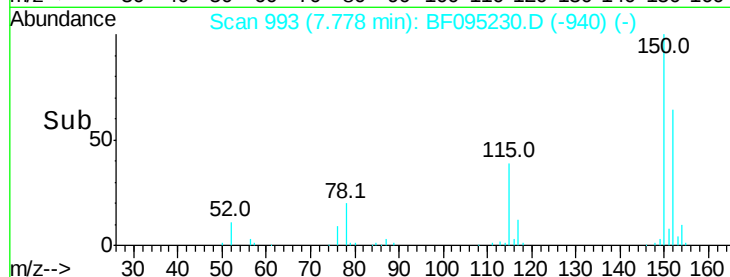
115 60.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.18 ng

RT: 2.31 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

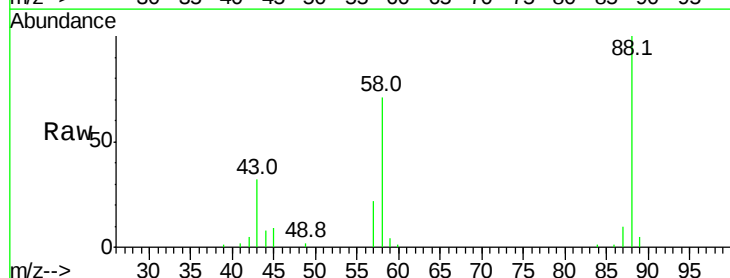
Tgt Ion: 88 Resp: 77661

Ion Ratio Lower Upper

88 100

58 70.5 61.4 92.0

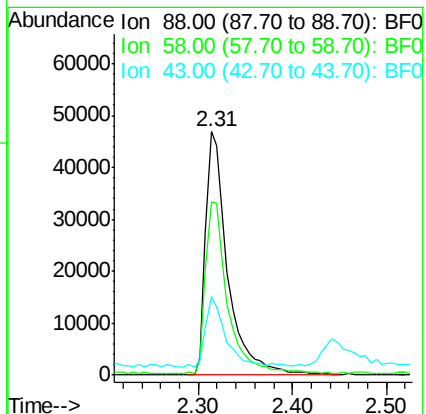
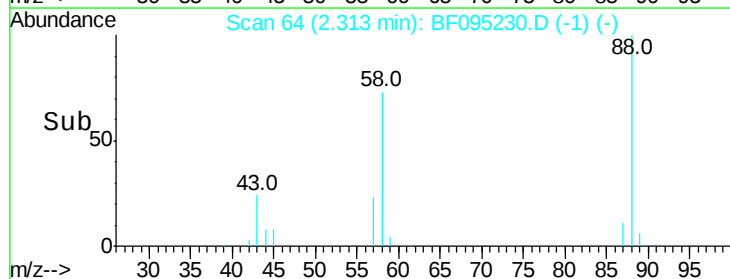
43 26.5 23.4 35.0

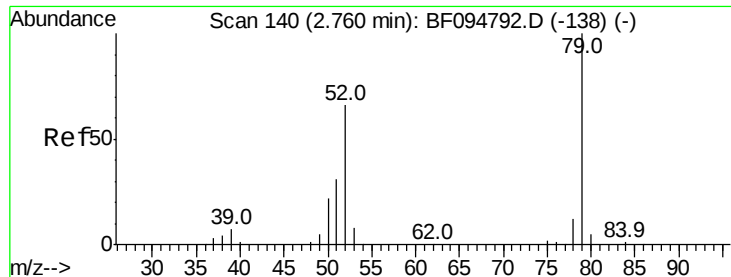


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.52 ng

RT: 2.98 min Scan# 178

Delta R.T. 0.06 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

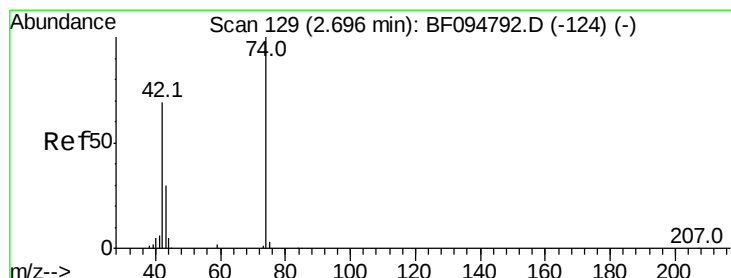
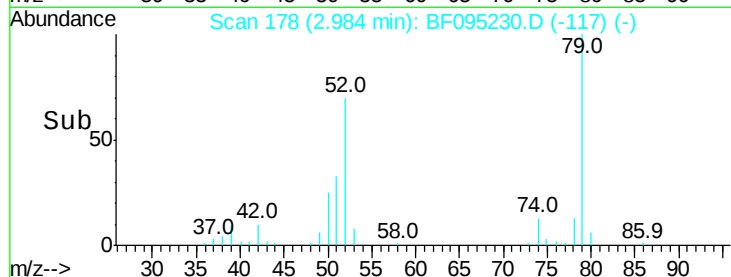
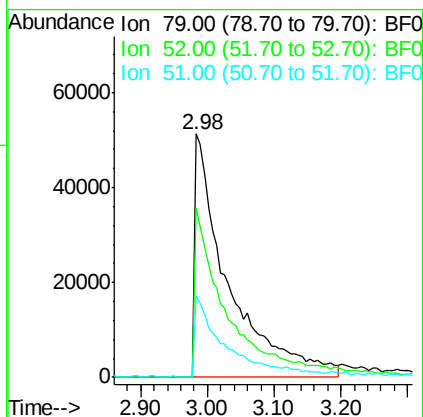
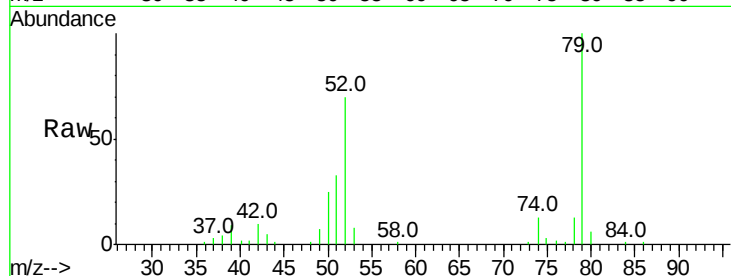
Tot Ion: 79 Resp: 175765

Ion Ratio Lower Upper

79 100

52 69.6 54.8 82.2

51 33.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 28.01 ng

RT: 2.92 min Scan# 168

Delta R.T. 0.08 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

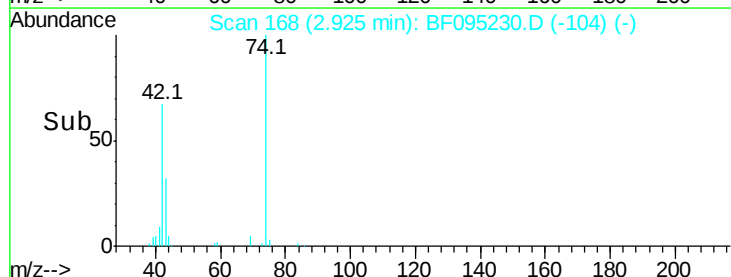
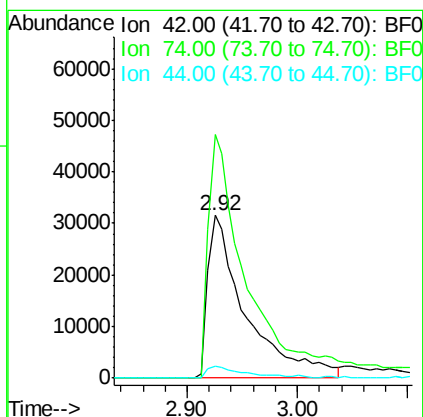
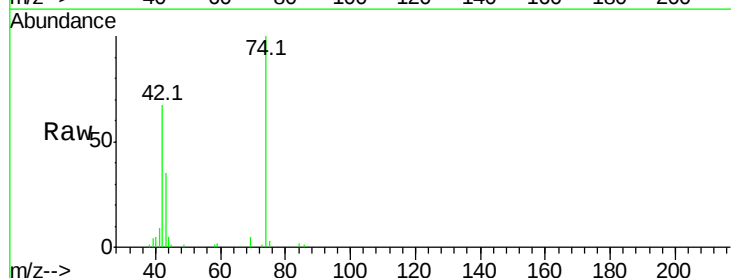
Tgt Ion: 42 Resp: 74587

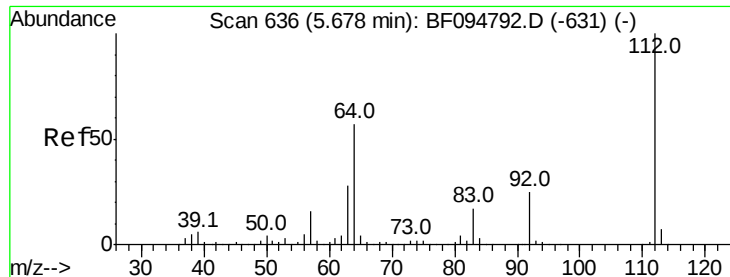
Ion Ratio Lower Upper

42 100

74 150.0 103.9 155.9

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 55.77 ng

RT: 5.82 min Scan# 661

Delta R.T. 0.09 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

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TP-25-6MSD

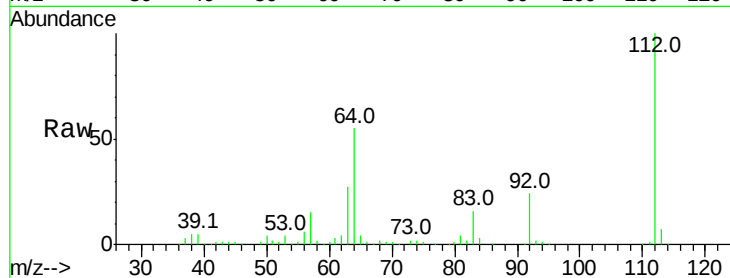
Tot Ion:112 Resp: 313400

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

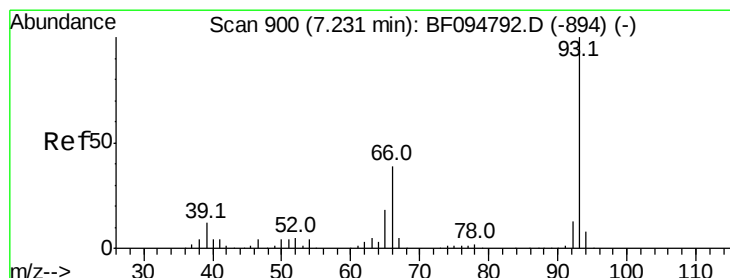
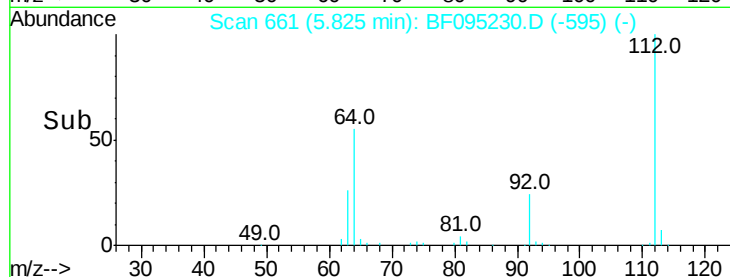
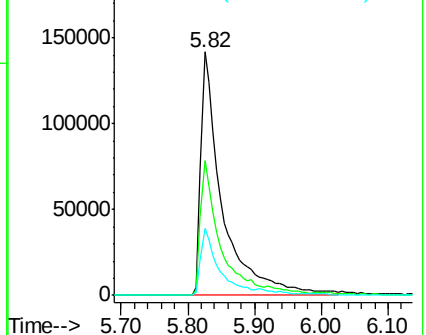
63 27.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.75 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.02 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

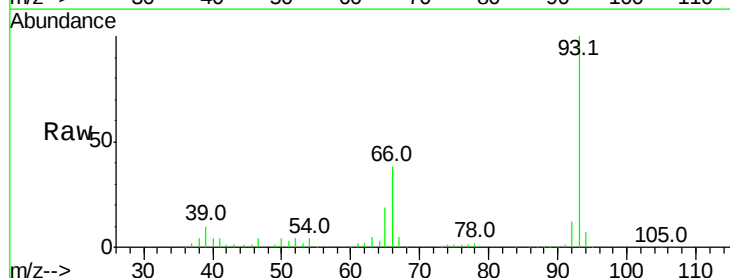
Tgt Ion: 93 Resp: 338415

Ion Ratio Lower Upper

93 100

66 37.7 32.9 49.3

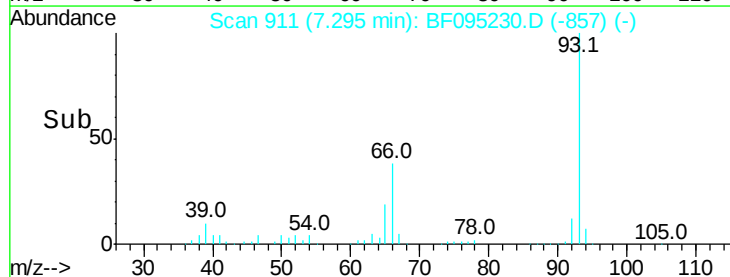
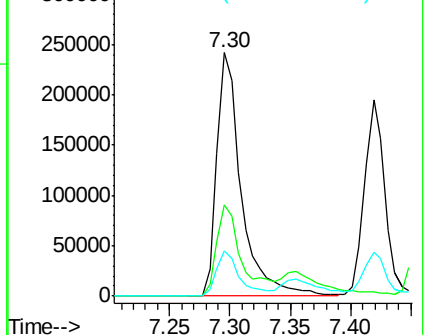
65 18.7 16.0 24.0



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: 68.44 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

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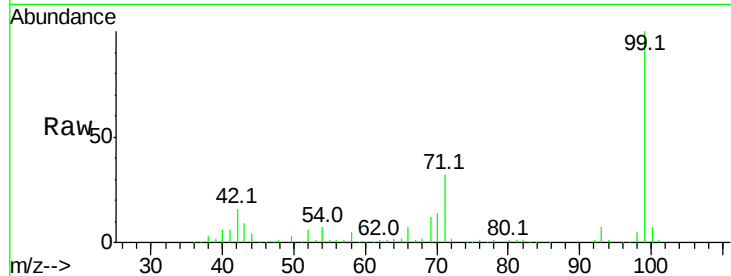
Tot Ion: 99 Resp: 461459

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

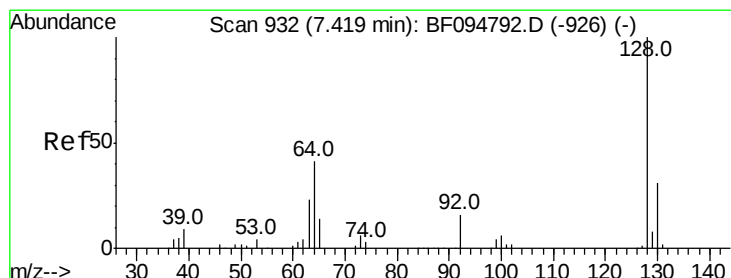
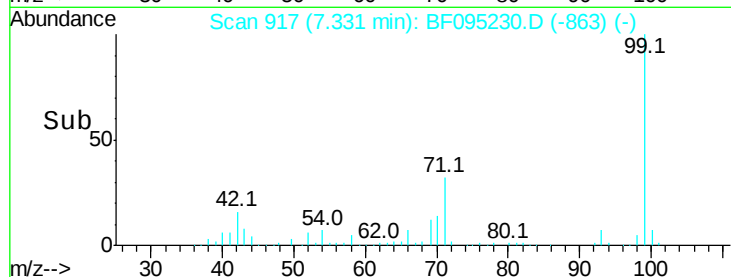
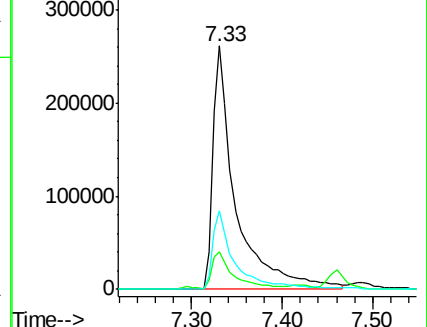
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 22.83 ng

RT: 7.49 min Scan# 944

Delta R.T. 0.03 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

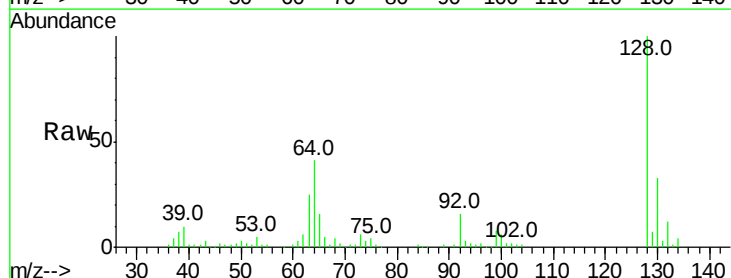
Tgt Ion: 128 Resp: 146020

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

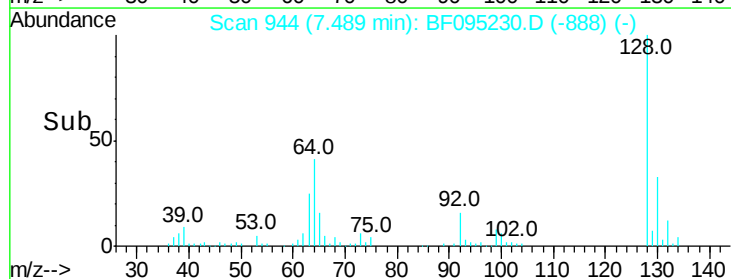
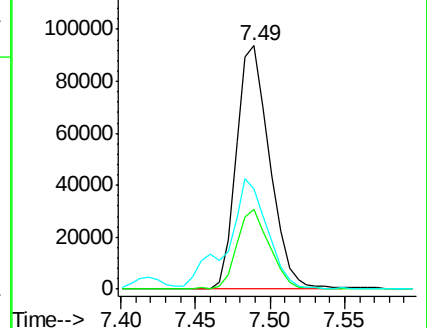
64 41.1 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.99 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.03 min

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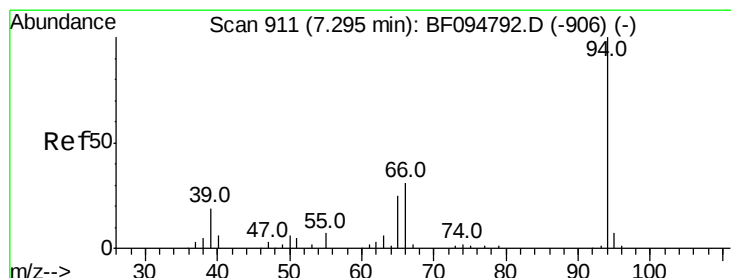
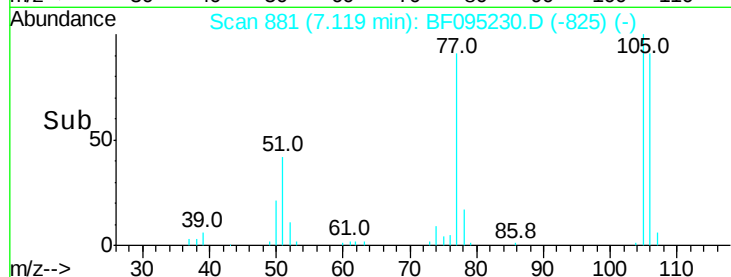
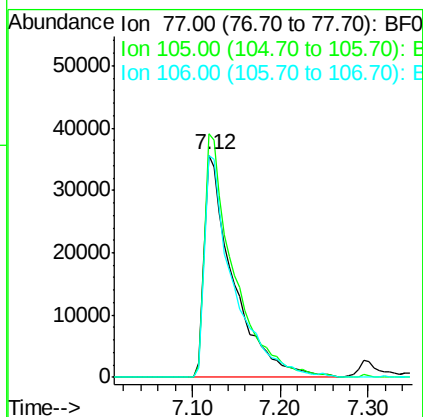
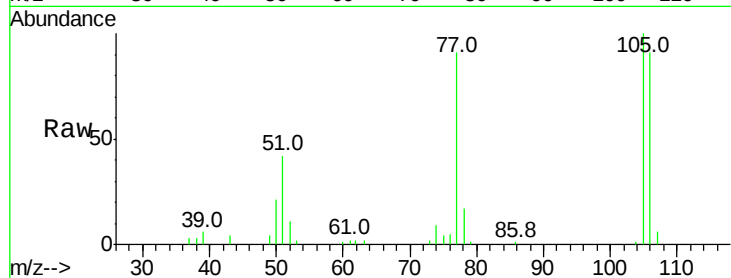
Tot Ion: 77 Resp: 82327

Ion Ratio Lower Upper

77 100

105 109.5 83.8 123.8

106 99.6 79.1 119.1



#10

Phenol

Concen: 18.02 ng

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

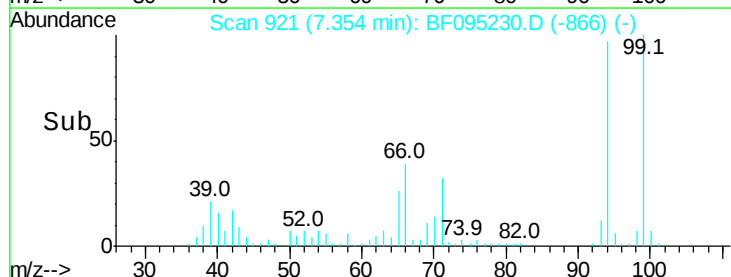
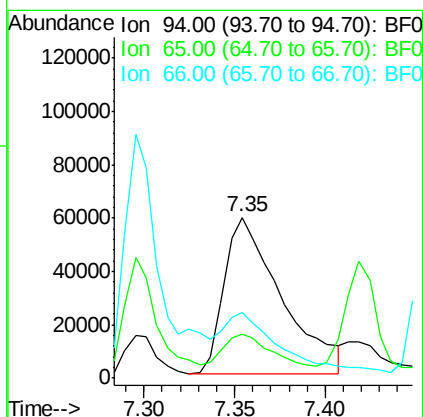
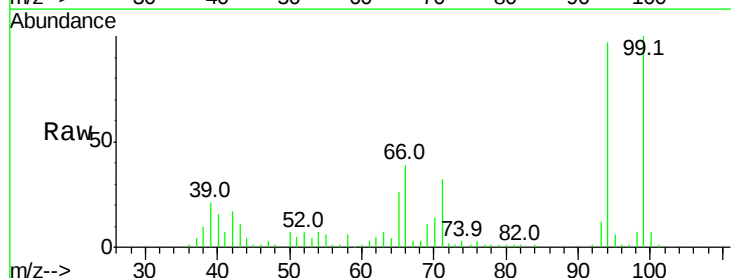
Tgt Ion: 94 Resp: 128037

Ion Ratio Lower Upper

94 100

65 27.2 9.9 49.9

66 40.4 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.45 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.02 min

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Acq: 18 May 2017 19:22

Instrument :

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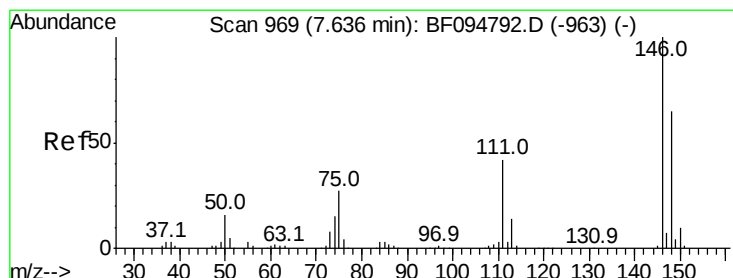
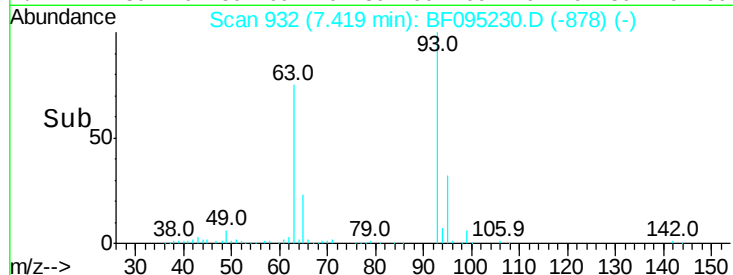
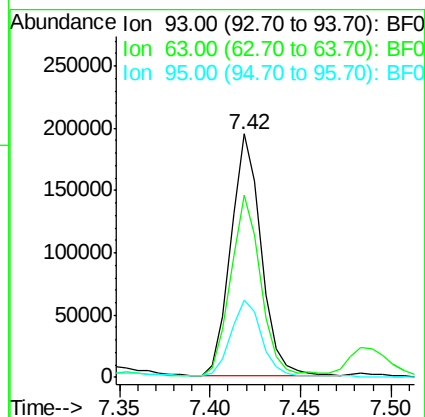
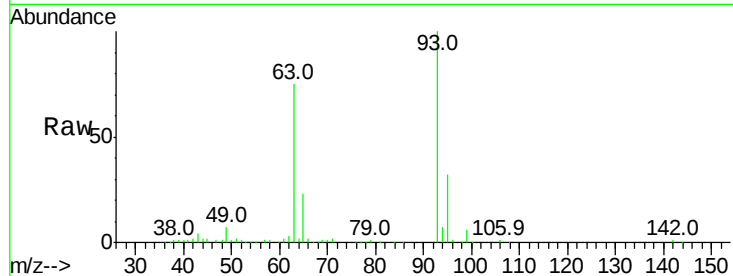
Tot Ion: 93 Resp: 225569

Ion Ratio Lower Upper

93 100

63 74.7 59.2 99.2

95 31.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 35.35 ng

RT: 7.68 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

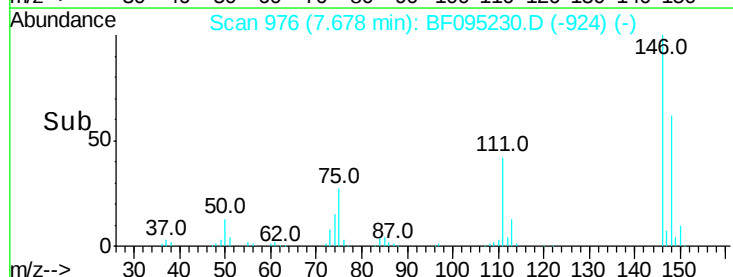
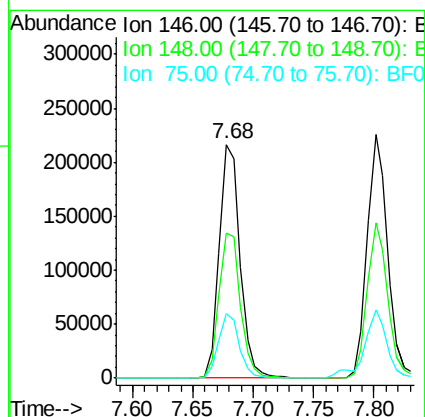
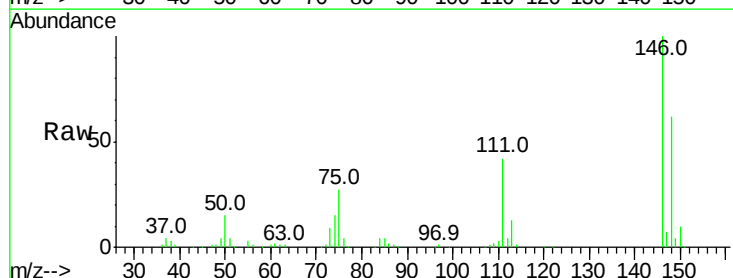
Tgt Ion: 146 Resp: 256514

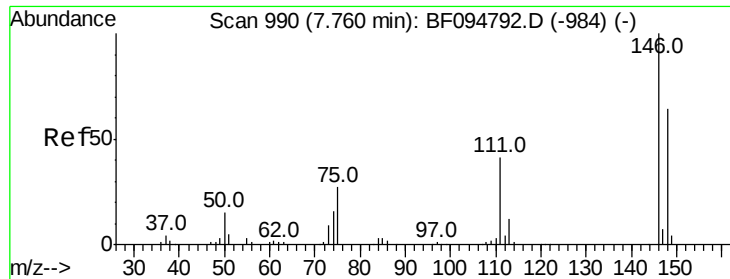
Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.6

75 27.5 23.1 34.7

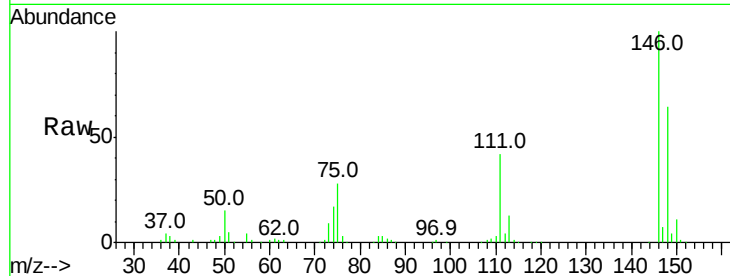




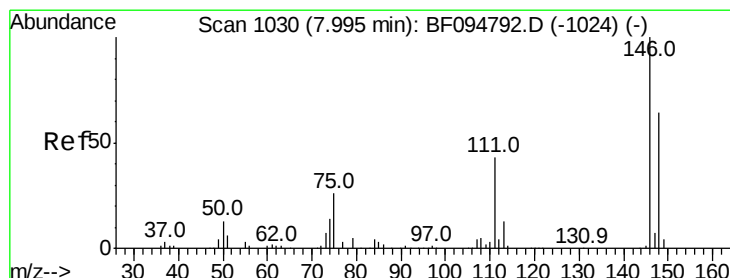
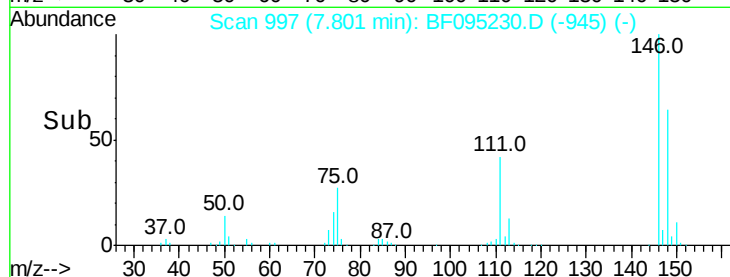
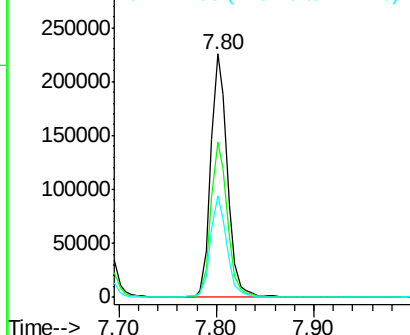
#13
 1,4-Dichlorobenzene
 Concen: 36.36 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

Tot Ion:146 Resp: 267561
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 41.7 30.3 45.5

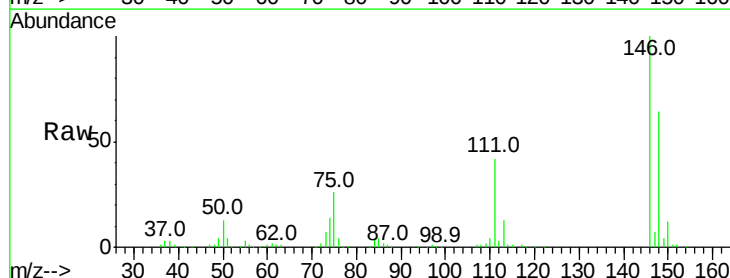


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

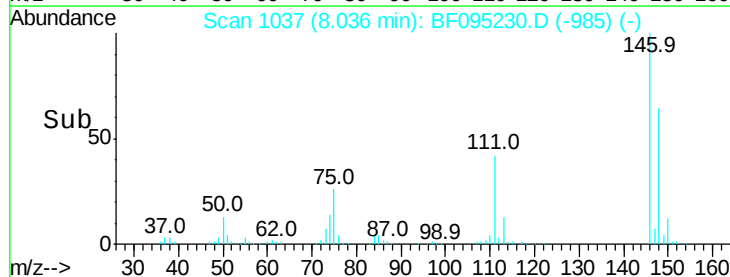
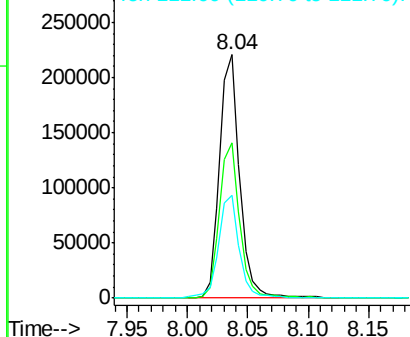


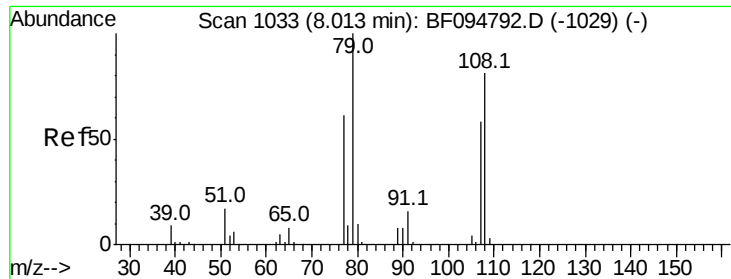
#14
 1,2-Dichlorobenzene
 Concen: 36.91 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:146 Resp: 253517
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 42.4 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 46.60 ng

RT: 8.07 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

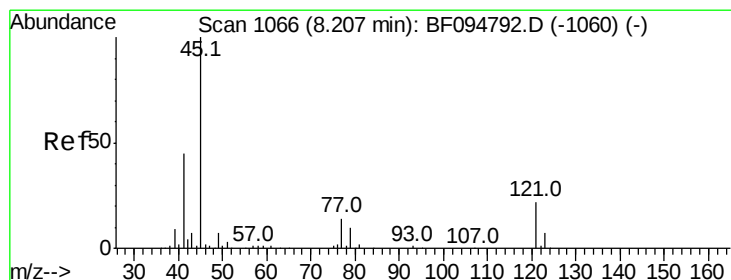
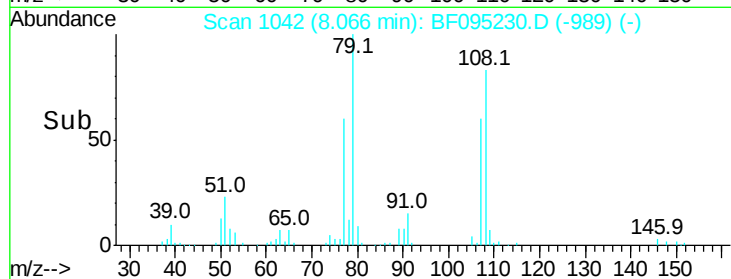
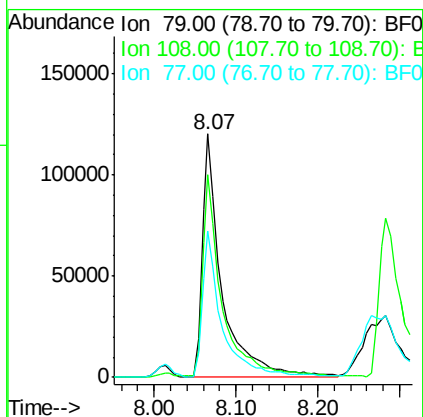
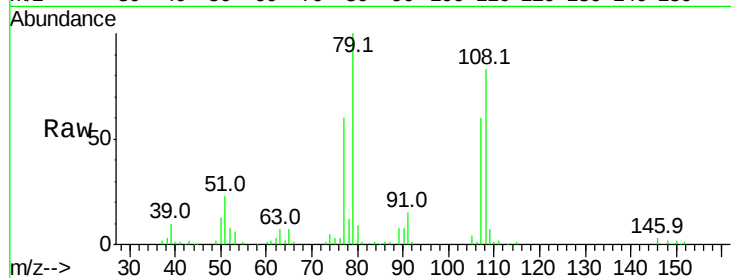
Tot Ion: 79 Resp: 202116

Ion Ratio Lower Upper

79 100

108 83.1 63.4 95.0

77 59.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.46 ng

RT: 8.27 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

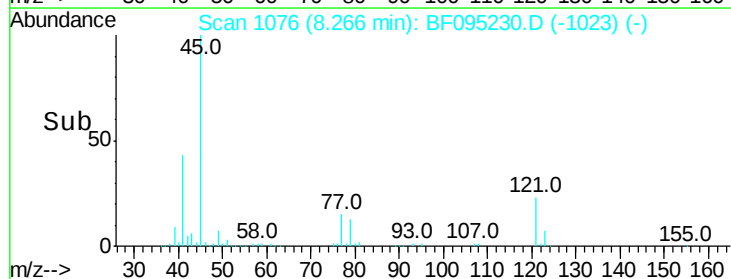
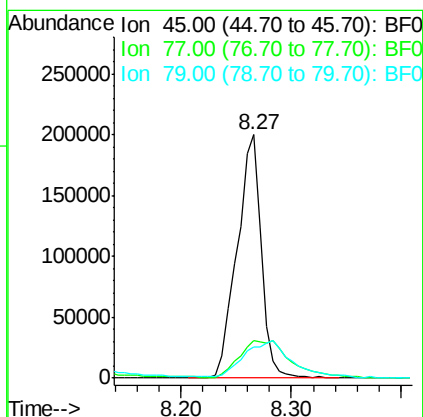
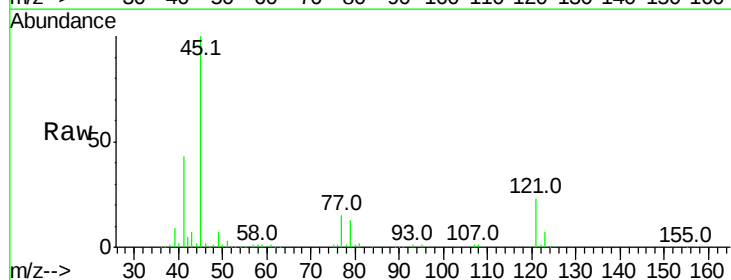
Tgt Ion: 45 Resp: 310990

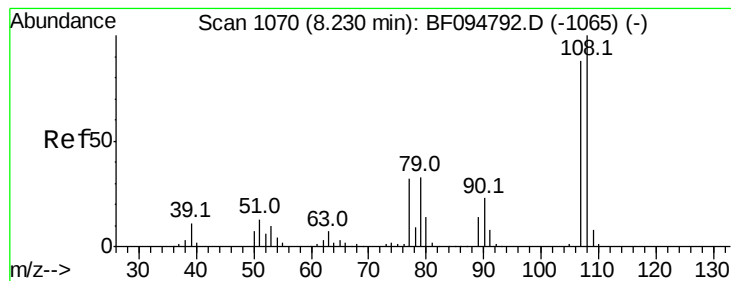
Ion Ratio Lower Upper

45 100

77 15.3 0.0 33.2

79 12.9 0.0 30.0

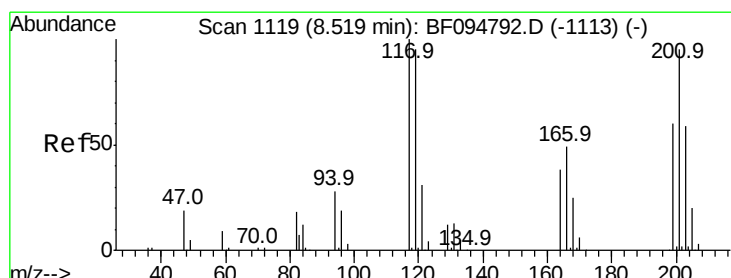
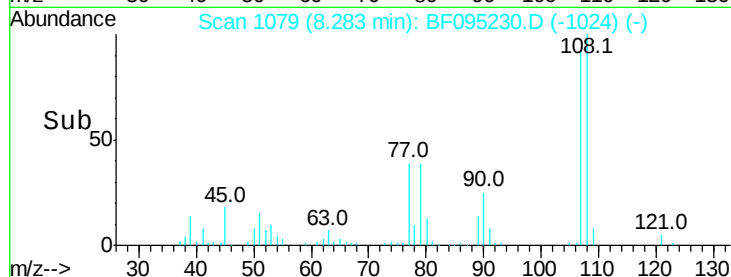
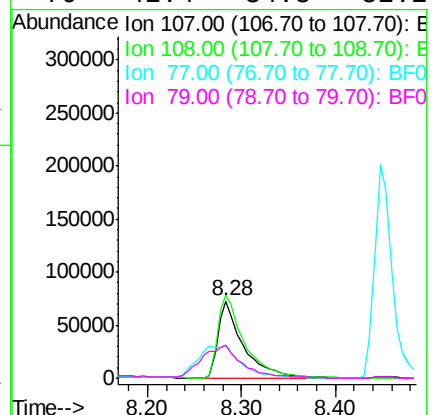
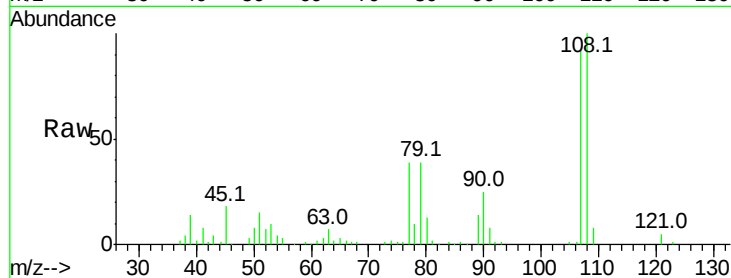




#17
 2-Methylphenol
 Concen: 25.62 ng
 RT: 8.28 min Scan# 1079
 Delta R.T. 0.02 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

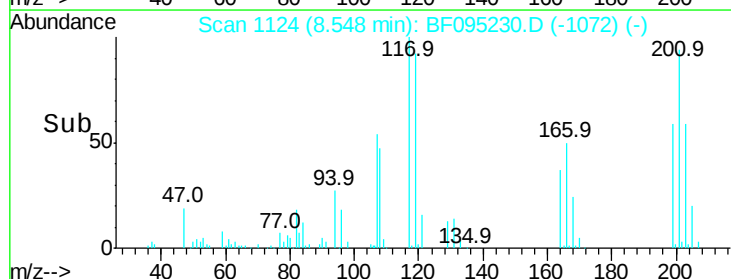
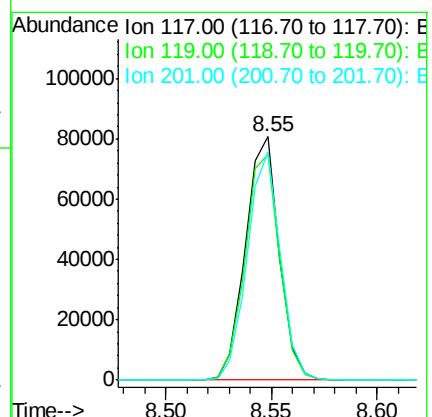
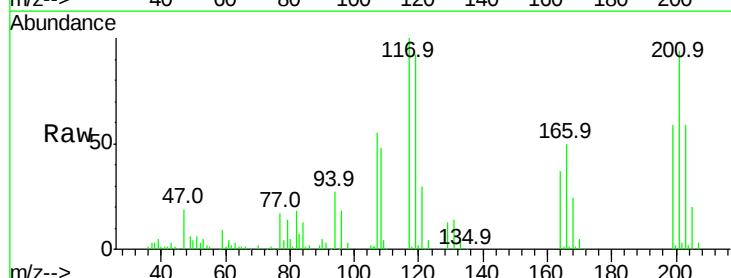
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

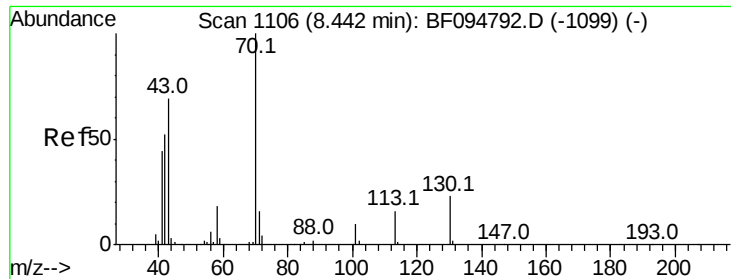
Tot Ion:107	Resp:	134107
Ion Ratio	Lower	Upper
107	100	
108	108.2	93.4 140.0
77	42.1	35.8 53.6
79	42.4	34.8 52.2



#18
 Hexachloroethane
 Concen: 35.80 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:117	Resp:	89239
Ion Ratio	Lower	Upper
117	100	
119	92.5	77.4 116.0
201	93.6	94.6 141.8#

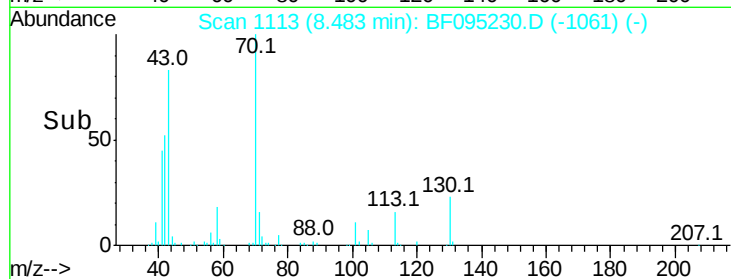
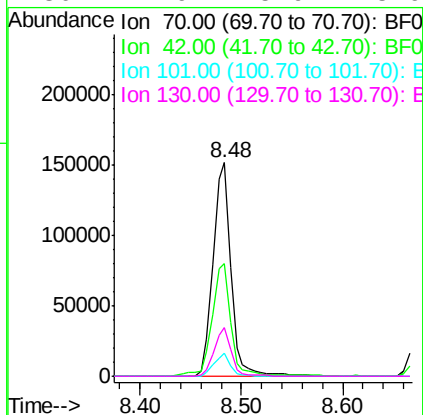
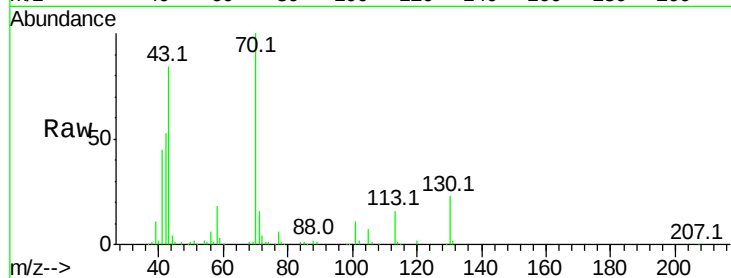




#19
n-Nitroso-di-n-propylamine
Concen: 41.05 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

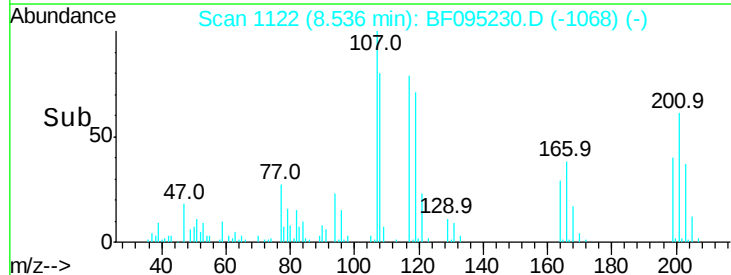
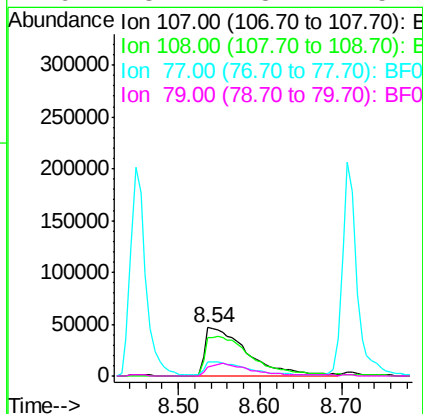
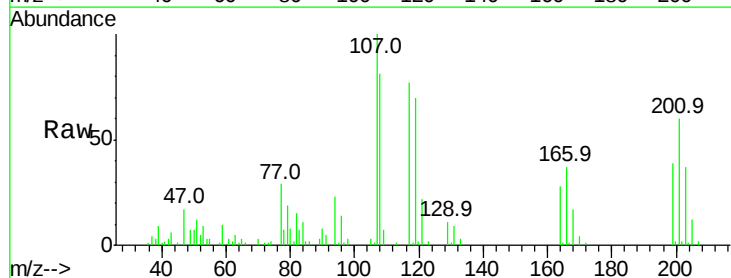
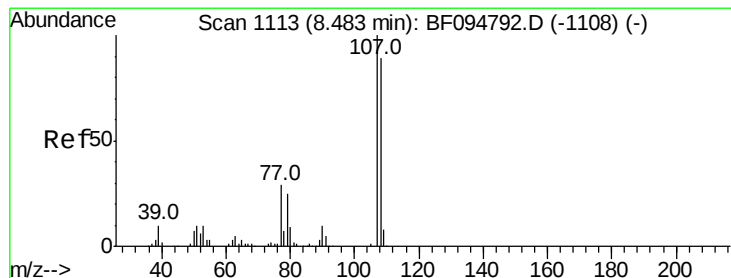
Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

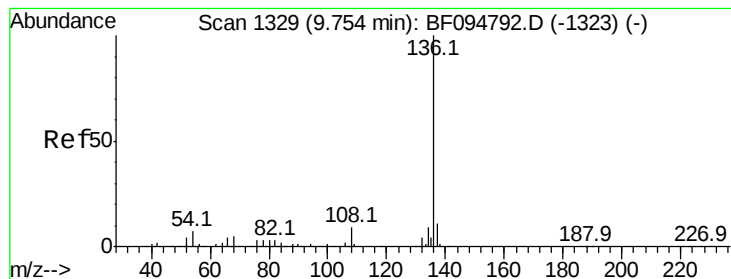
Tot Ion: 70 Resp: 187205
Ion Ratio Lower Upper
70 100
42 52.6 47.2 70.8
101 10.9 7.2 10.8#
130 22.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 23.84 ng
RT: 8.54 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:107 Resp: 169594
Ion Ratio Lower Upper
107 100
108 81.1 71.0 111.0
77 28.5 90.5 130.5#
79 18.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

Tot Ion:136 Resp: 386041

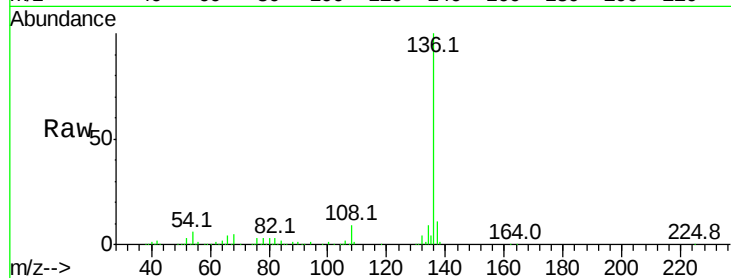
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.5 4.9 7.3

68 5.3 4.1 6.1

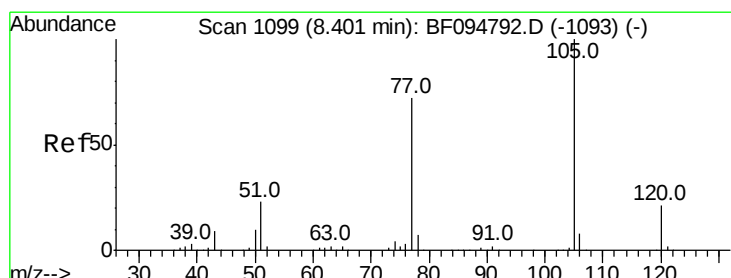
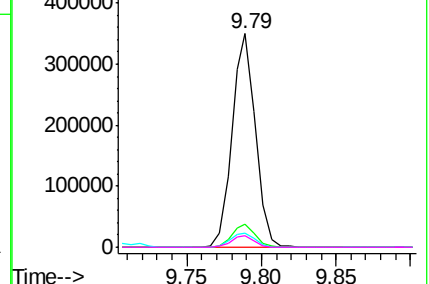
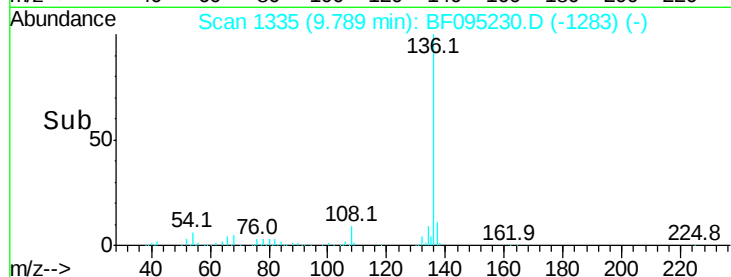


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 39.92 ng

RT: 8.45 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Tgt Ion:105 Resp: 369740

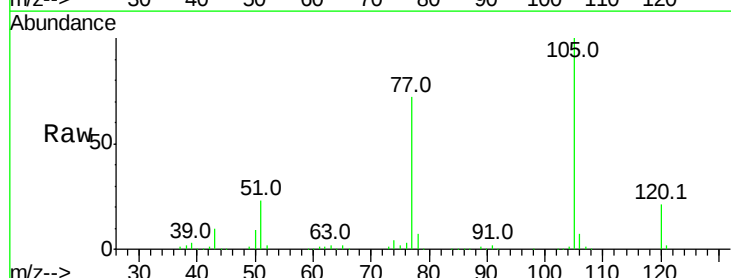
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.2 30.7 46.1#

120 21.4 17.4 26.0

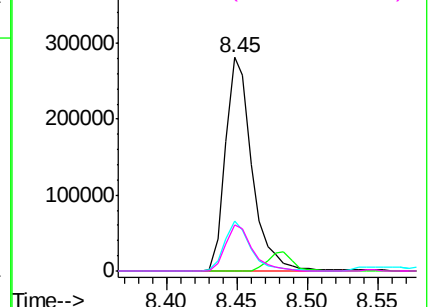
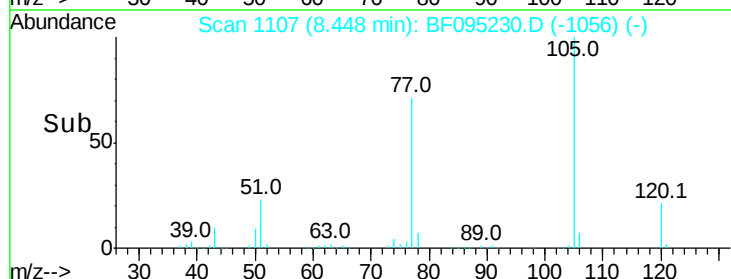


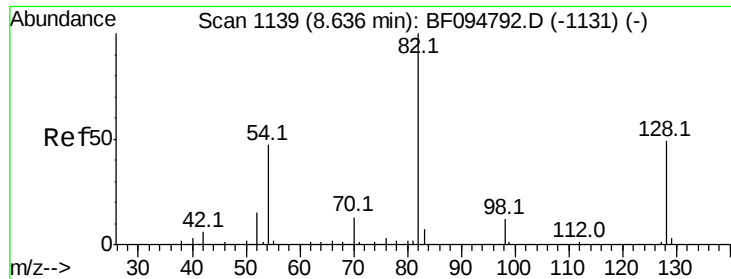
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

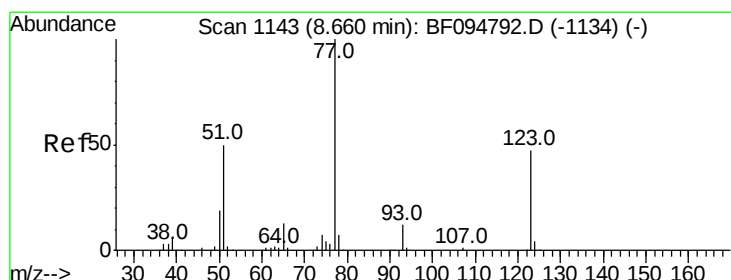
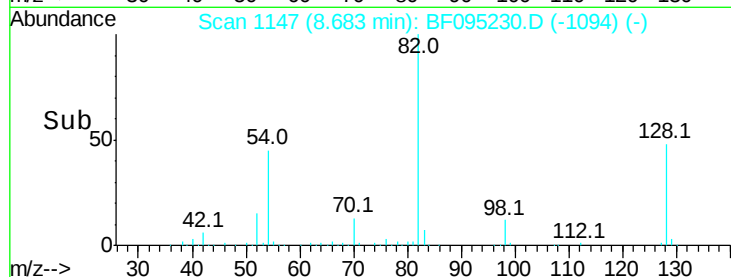
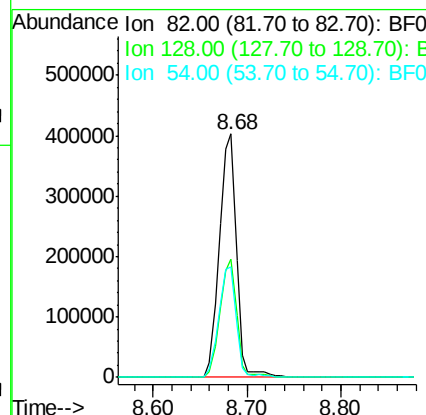
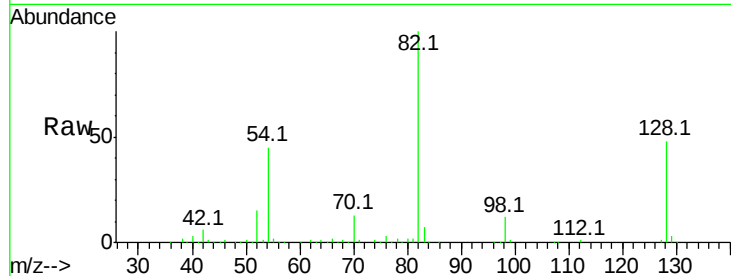




#23
 Nitrobenzene-d5
 Concen: 84.53 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

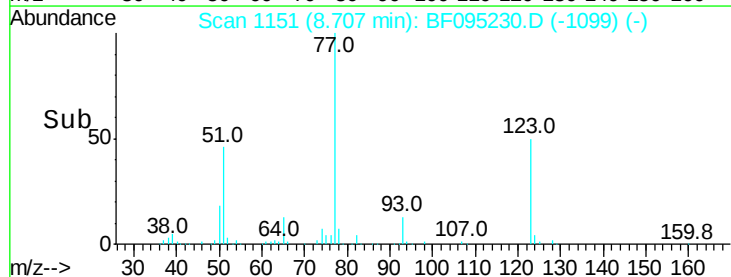
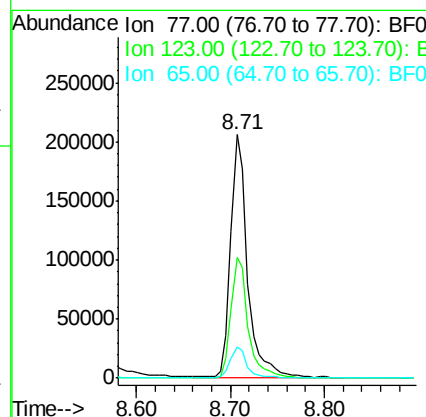
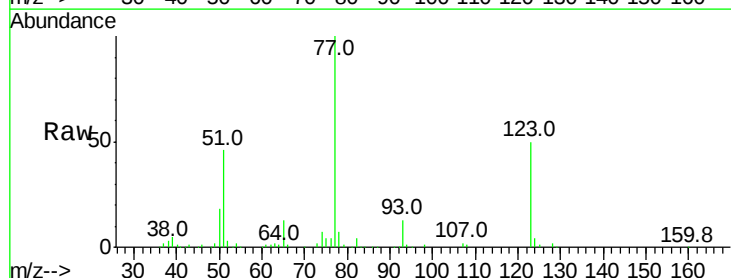
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

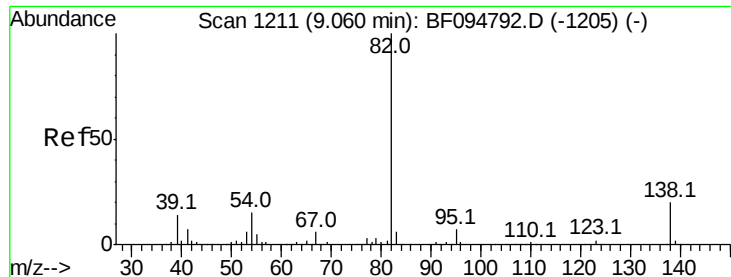
Tot Ion: 82 Resp: 517517
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 45.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.26 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion: 77 Resp: 258327
 Ion Ratio Lower Upper
 77 100
 123 49.7 35.8 53.8
 65 12.8 10.6 15.8

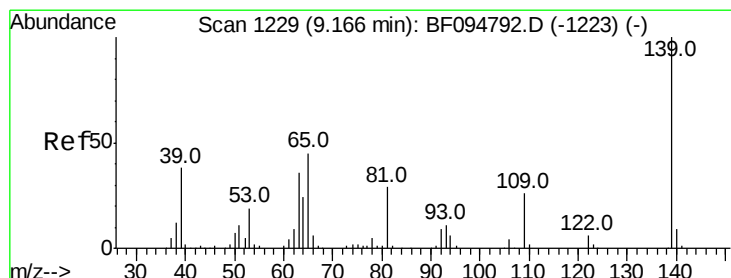
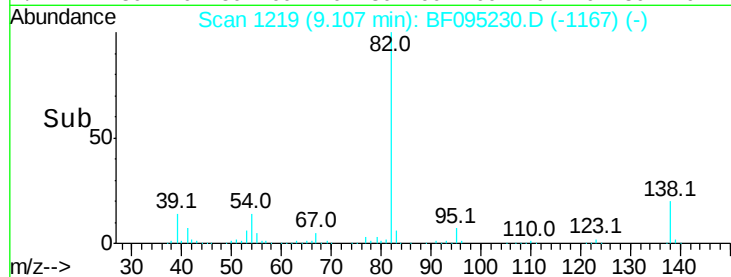
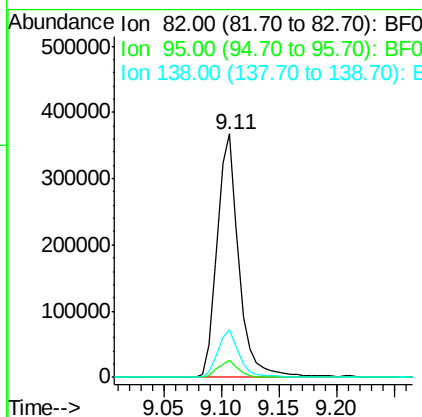
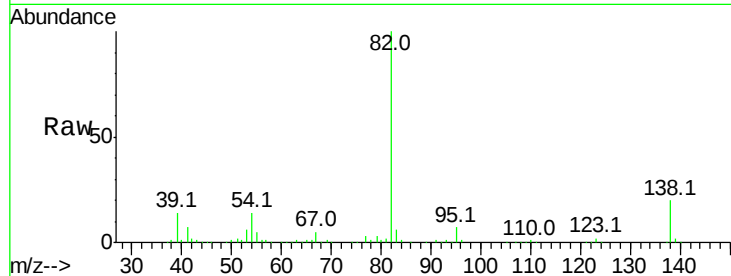




#25
Isophorone
Concen: 44.07 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

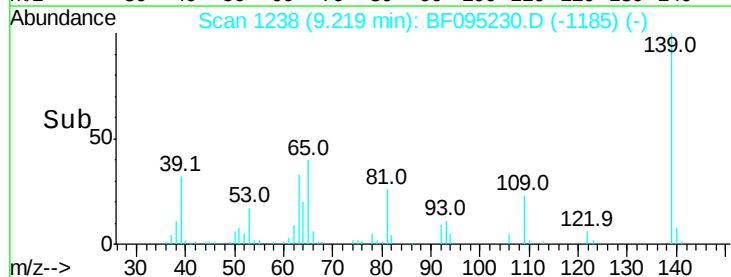
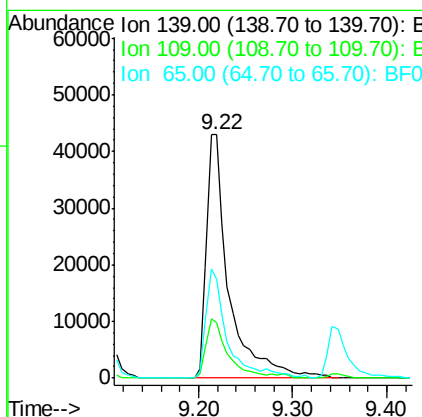
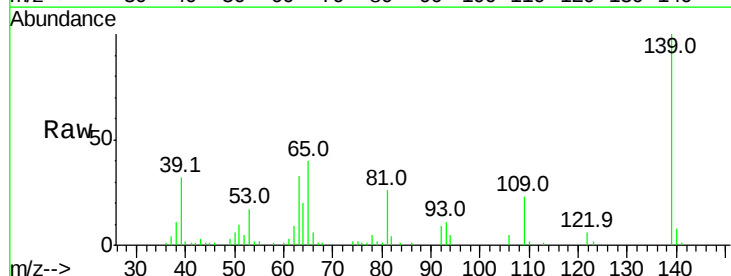
Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

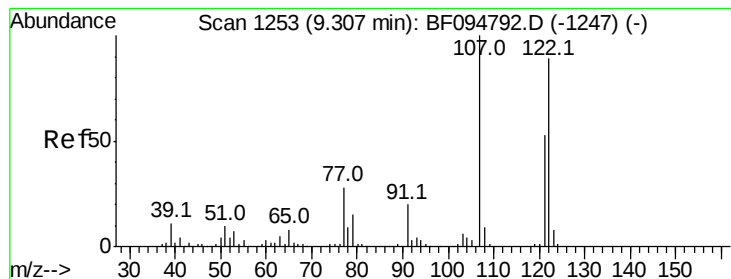
Tot Ion: 82 Resp: 481779
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 19.7 13.1 19.7



#26
2-Nitrophenol
Concen: 20.82 ng
RT: 9.22 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:139 Resp: 72097
Ion Ratio Lower Upper
139 100
109 22.9 21.0 31.6
65 40.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 29.29 ng

RT: 9.35 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

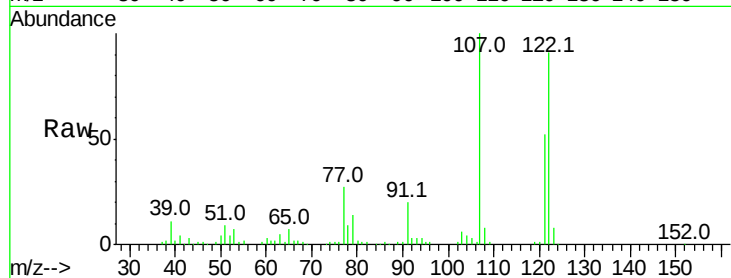
Tot Ion:122 Resp: 163943

Ion Ratio Lower Upper

122 100

107 110.1 89.2 133.8

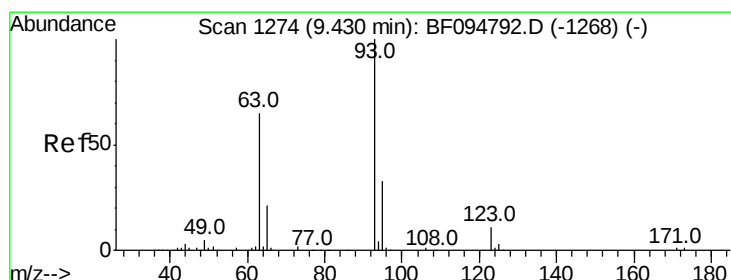
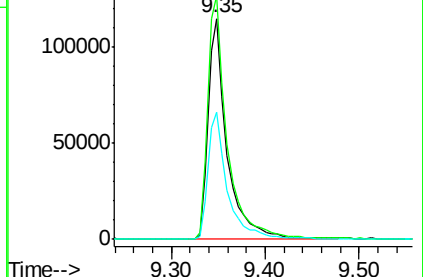
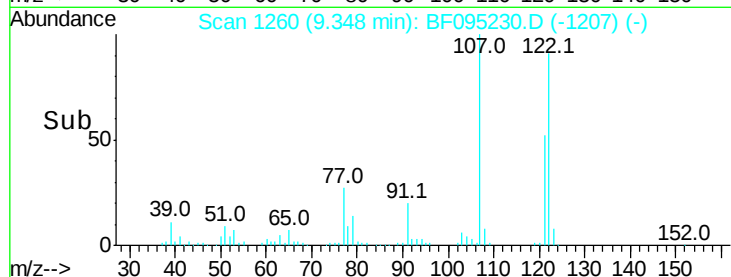
121 57.3 45.2 67.8



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: 36.03 ng

RT: 9.47 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

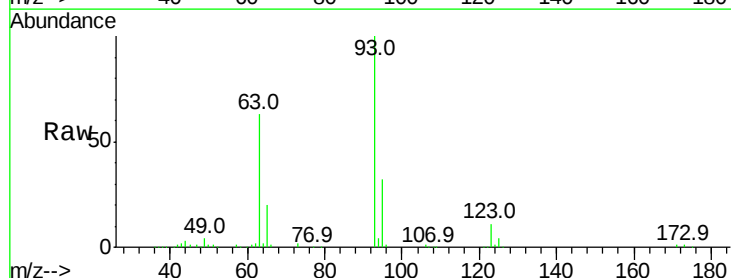
Tgt Ion: 93 Resp: 272499

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

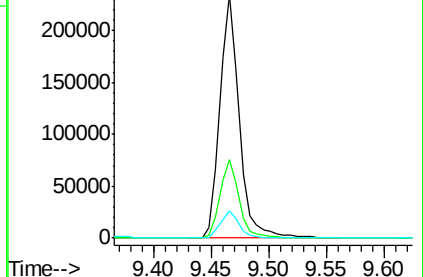
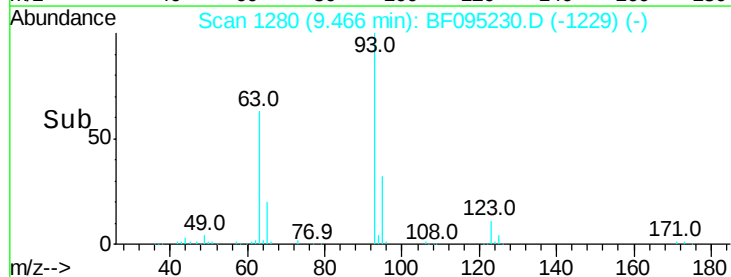
123 11.0 9.0 13.4

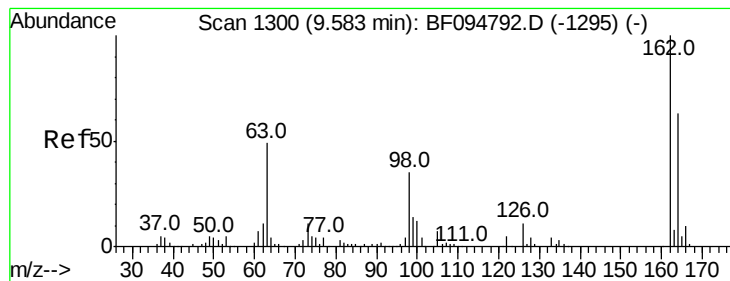


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 21.91 ng

RT: 9.65 min Scan# 1311

Delta R.T. 0.02 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

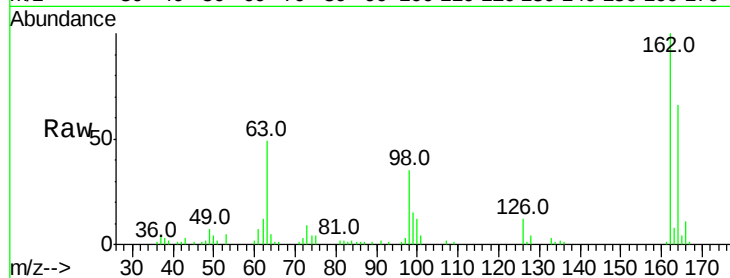
Tot Ion:162 Resp: 115811

Ion Ratio Lower Upper

162 100

164 66.3 44.6 84.6

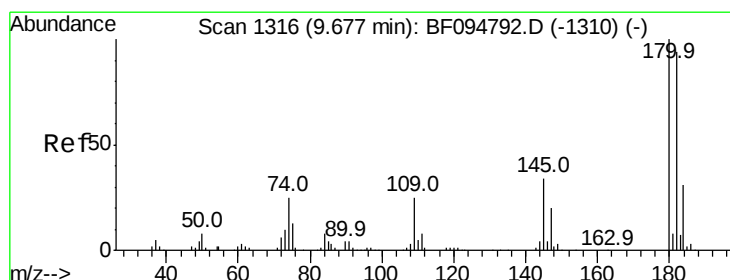
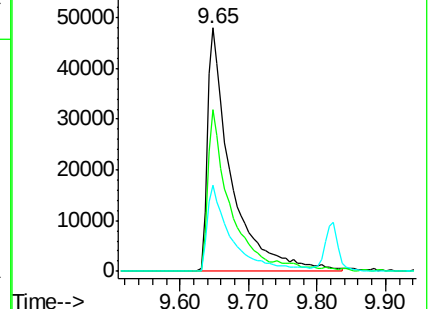
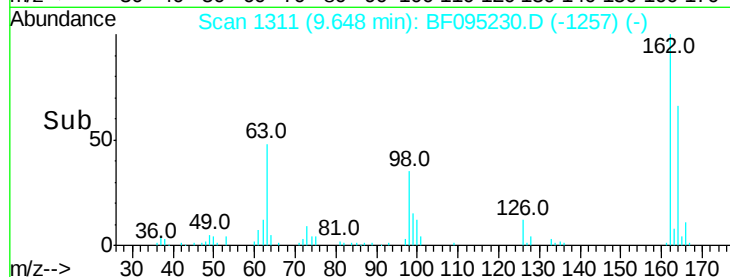
98 35.2 14.8 54.8



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: 38.04 ng

RT: 9.71 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

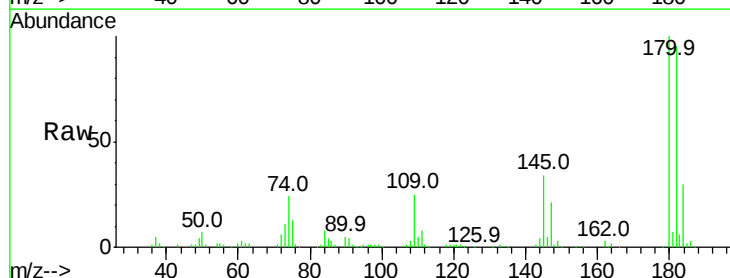
Tgt Ion:180 Resp: 215442

Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.6

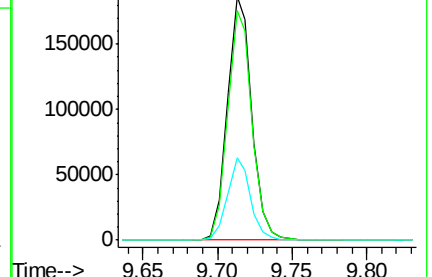
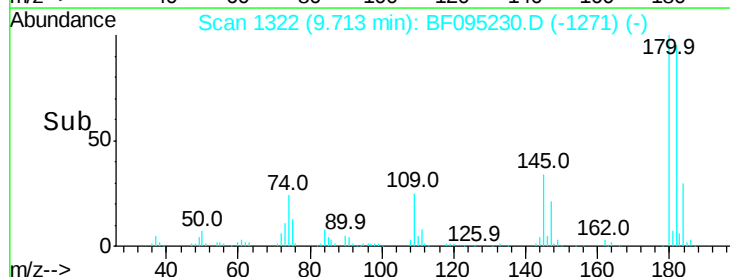
145 33.7 25.3 37.9

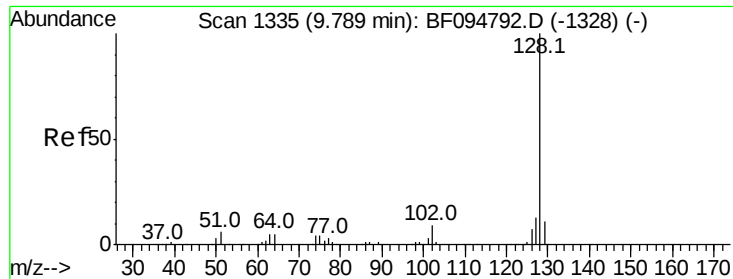


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

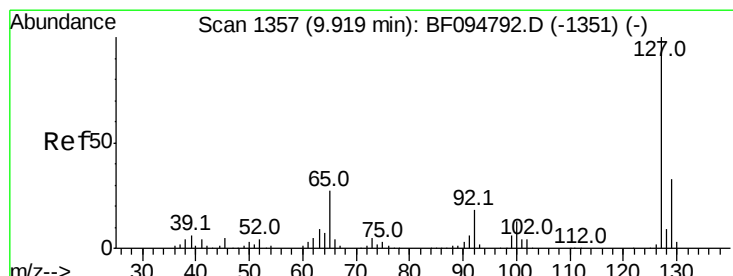
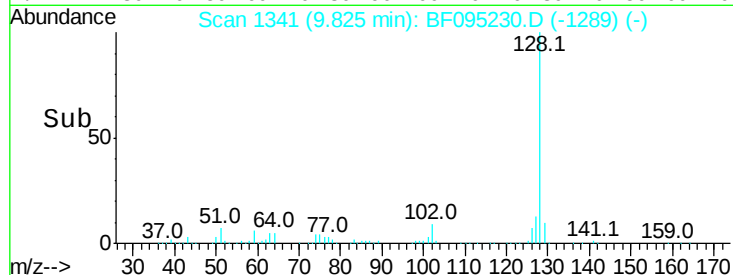
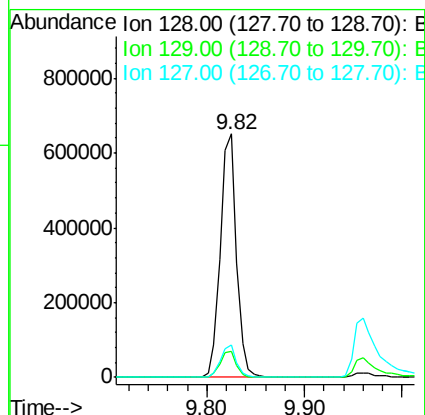
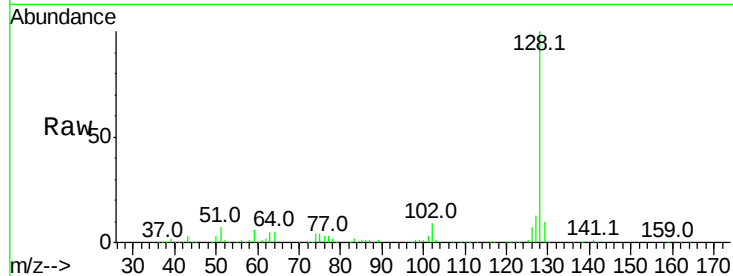




#31
Naphthalene
Concen: 38.45 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

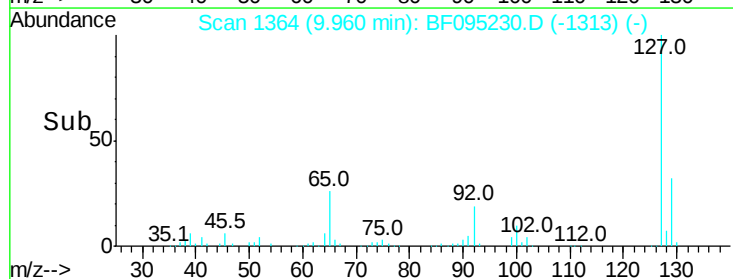
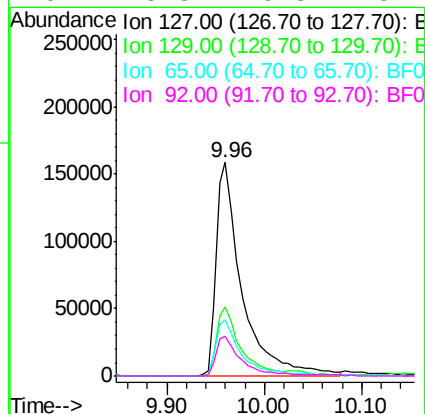
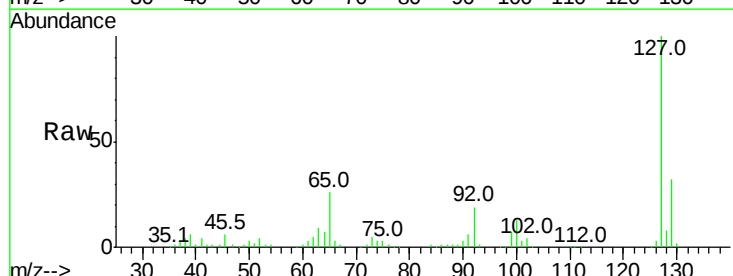
Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

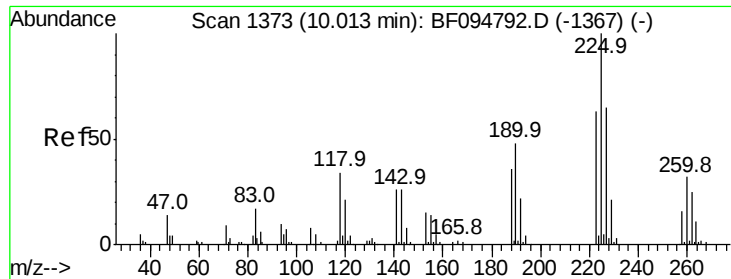
Tot Ion:128 Resp: 746008
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.1 10.8 16.2



#33
4-Chloroaniline
Concen: 40.18 ng
RT: 9.96 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:127 Resp: 290543
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.2
65 26.2 27.8 41.8#
92 18.8 16.8 25.2

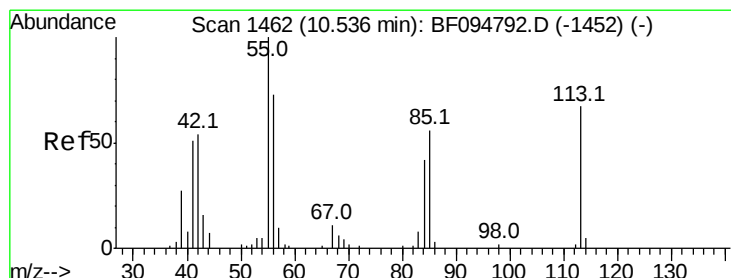
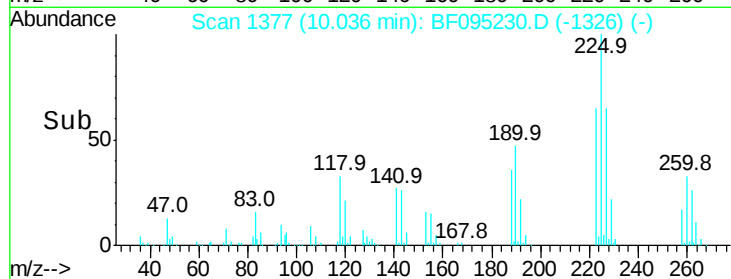
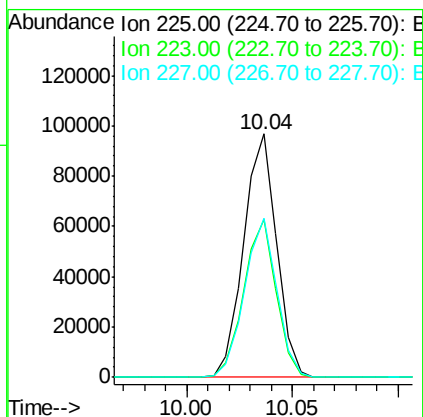
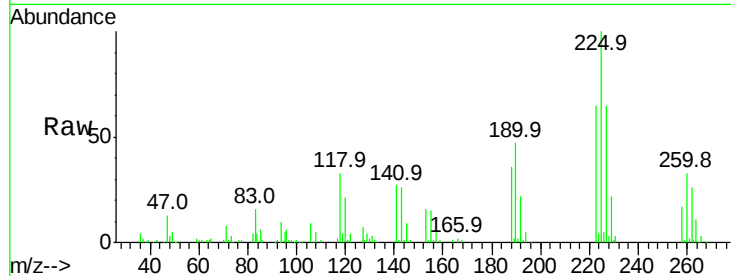




#34
Hexachlorobutadiene
Concen: 35.12 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

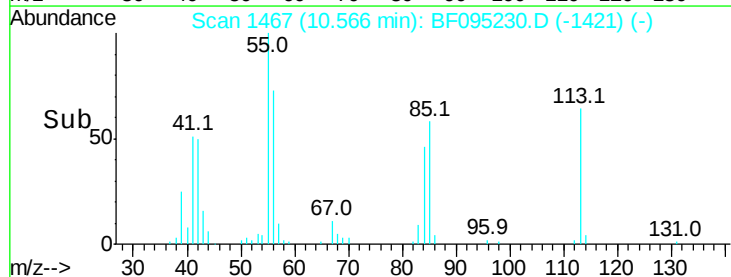
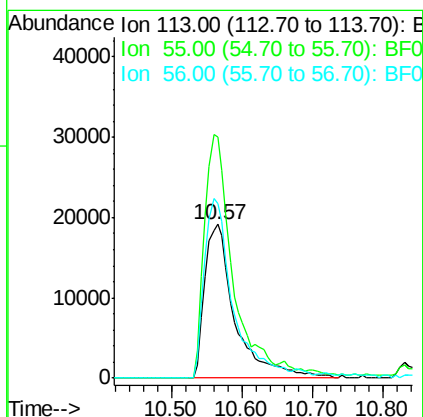
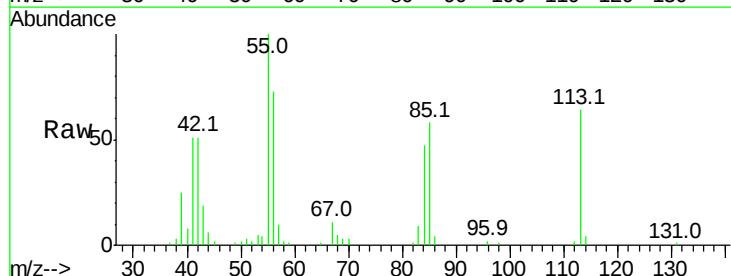
Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

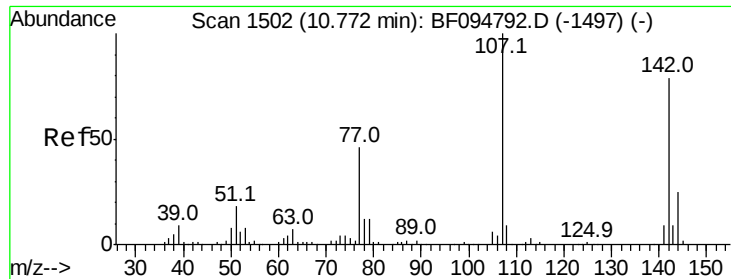
Tot Ion:225 Resp: 104946
Ion Ratio Lower Upper
225 100
223 64.6 48.8 73.2
227 65.3 51.1 76.7



#35
Caprolactam
Concen: 36.16 ng
RT: 10.57 min Scan# 1467
Delta R.T. -0.03 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:113 Resp: 57393
Ion Ratio Lower Upper
113 100
55 156.3 150.2 190.2
56 113.6 107.8 147.8

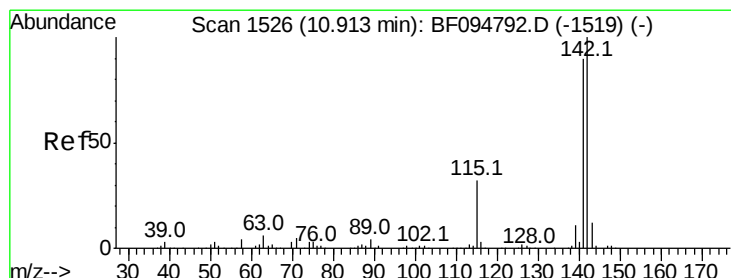
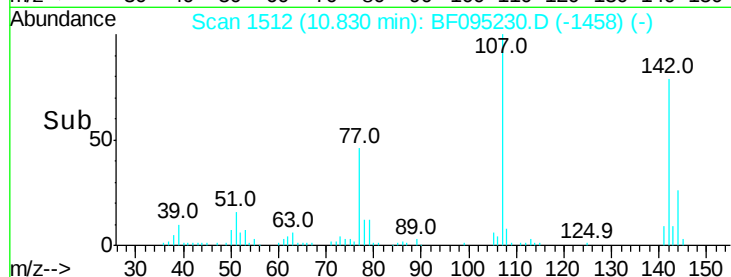
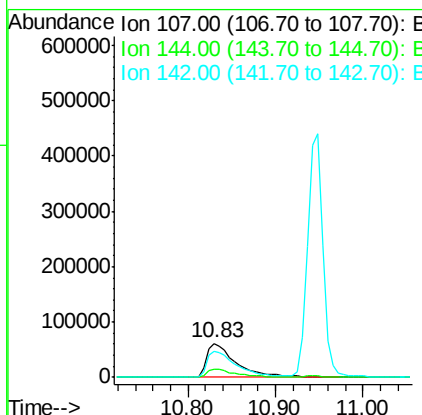
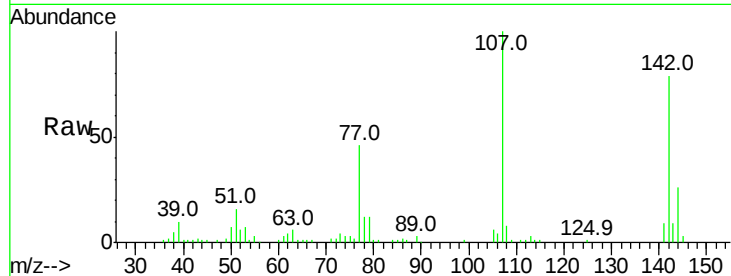




#36
 4-Chloro-3-methylphenol
 Concen: 25.57 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. 0.02 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

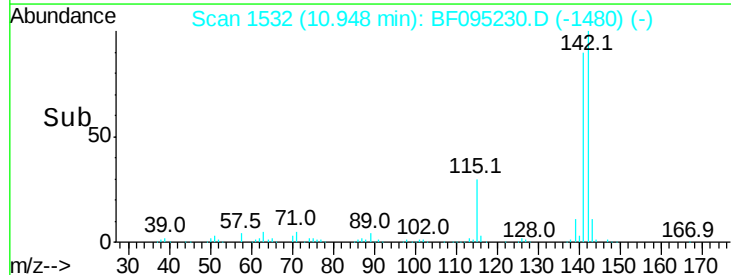
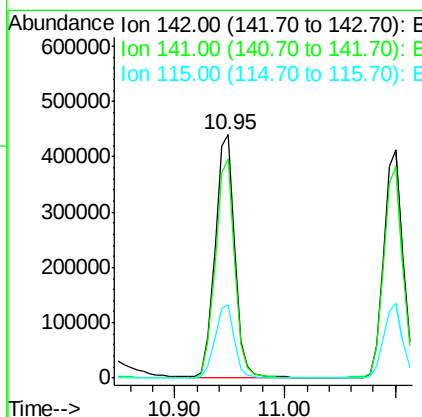
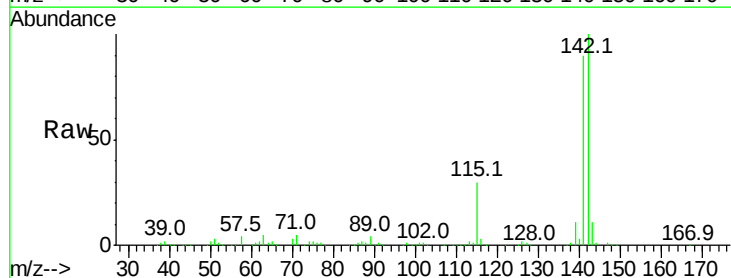
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

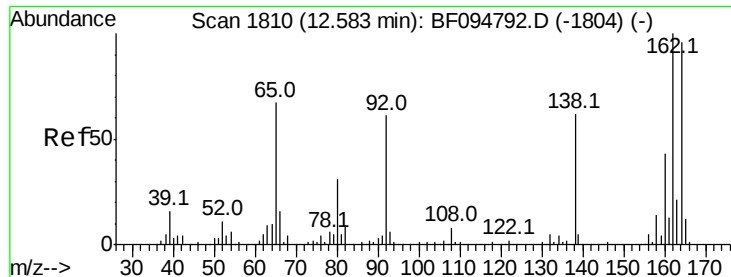
Tot Ion:107 Resp: 144489
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 78.5 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 42.48 ng
 RT: 10.95 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:142 Resp: 540918
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 30.1 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

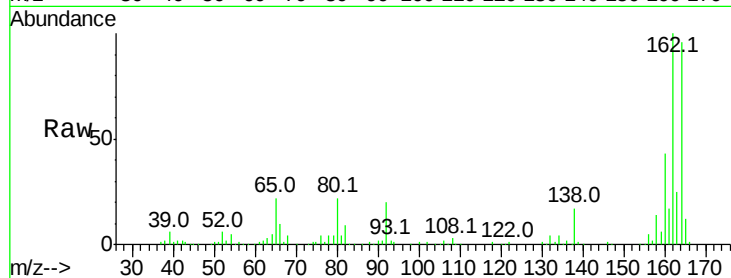
Tot Ion:164 Resp: 182066

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

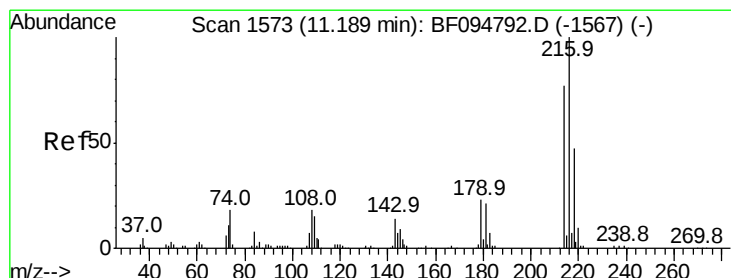
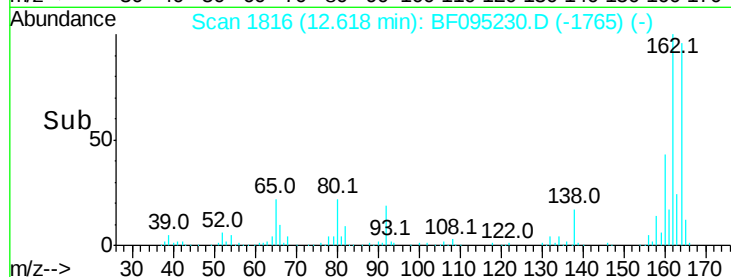
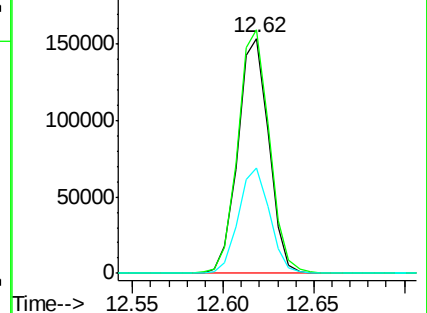
160 44.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.90 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Tgt Ion:216 Resp: 212225

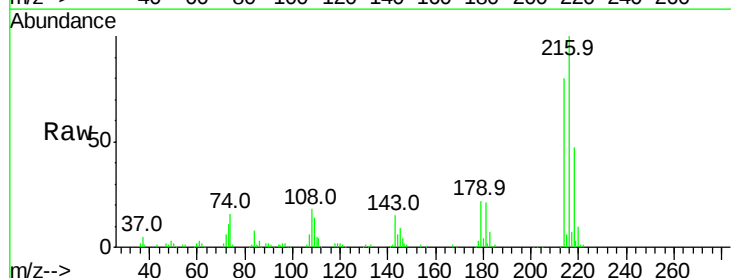
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 21.6 17.9 26.9

108 19.1 16.5 24.7

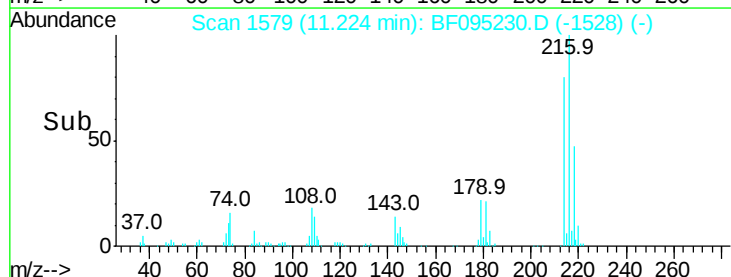
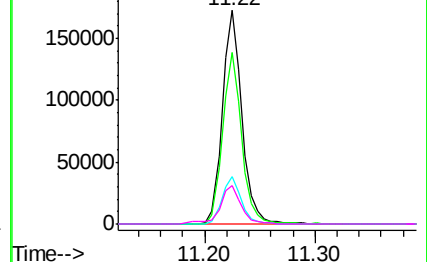


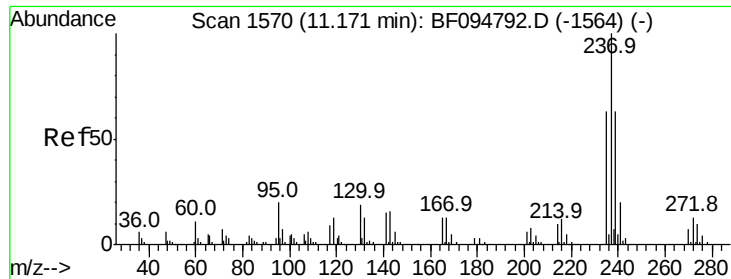
Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.44 ng

RT: 11.20 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

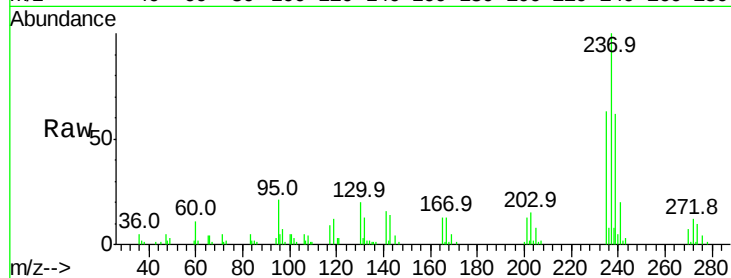
Tot Ion:237 Resp: 64648

Ion Ratio Lower Upper

237 100

235 63.1 42.6 82.6

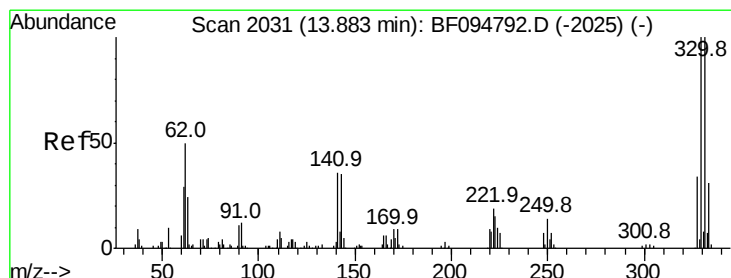
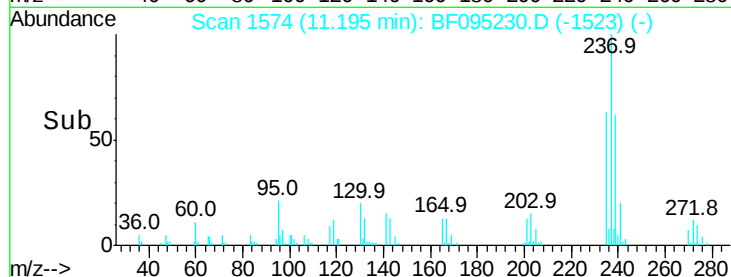
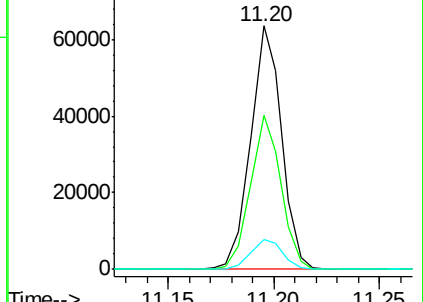
272 12.1 0.0 31.9



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: 63.54 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

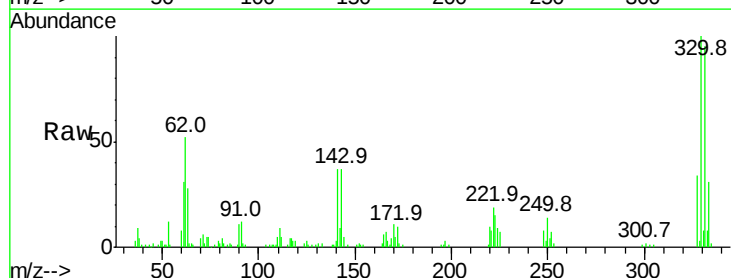
Tgt Ion:330 Resp: 94742

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

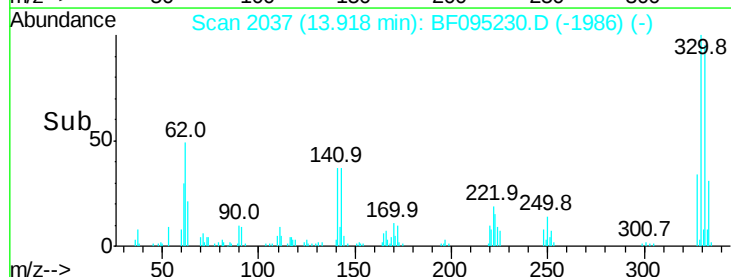
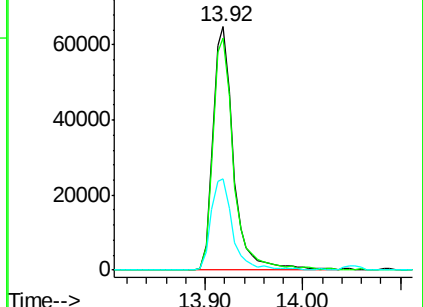
141 39.4 31.4 47.2

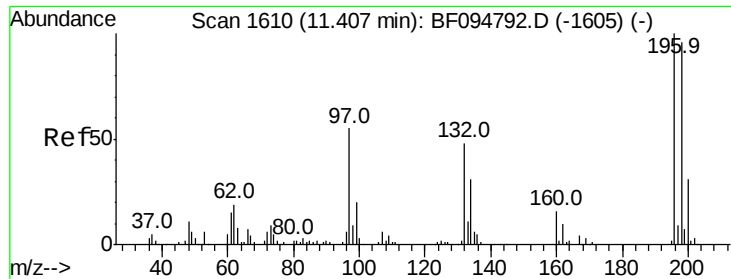


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

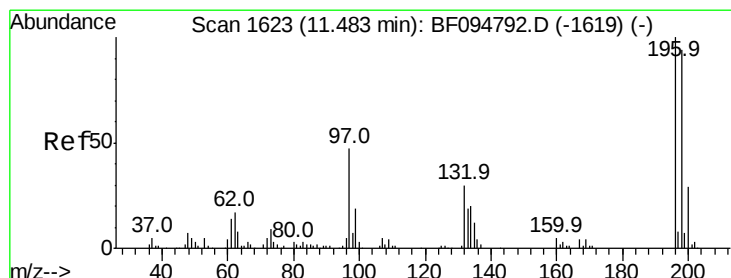
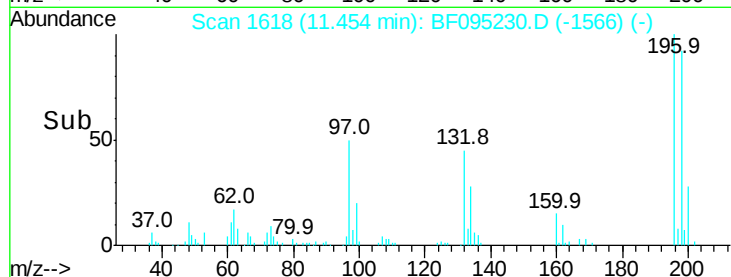
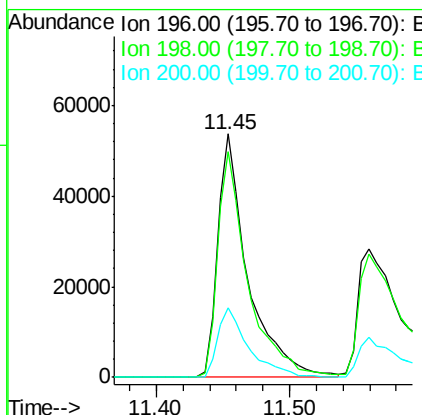
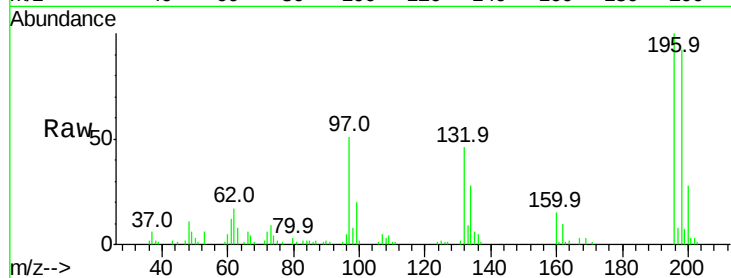




#42
 2,4,6-Trichlorophenol
 Concen: 22.72 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

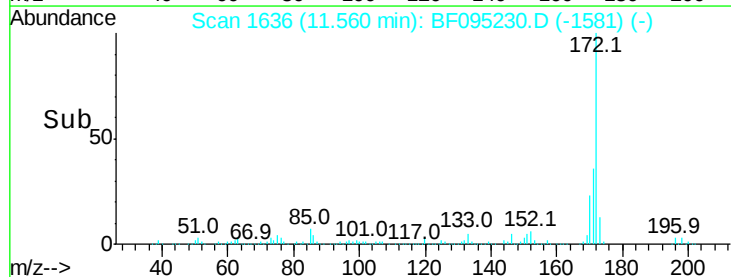
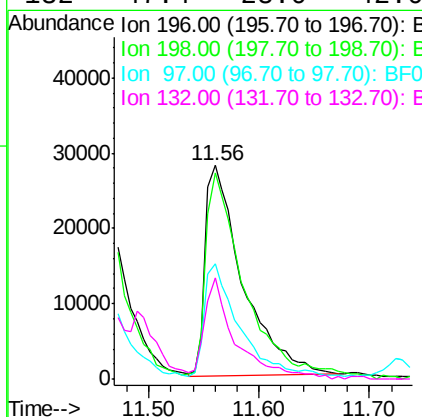
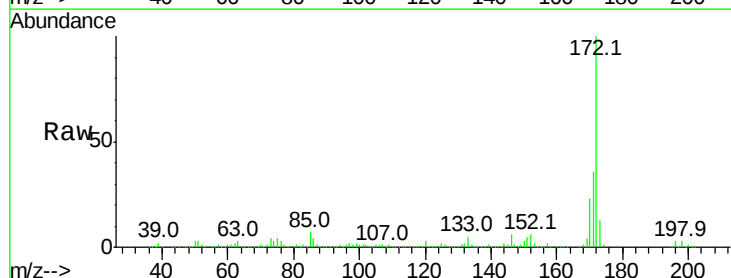
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

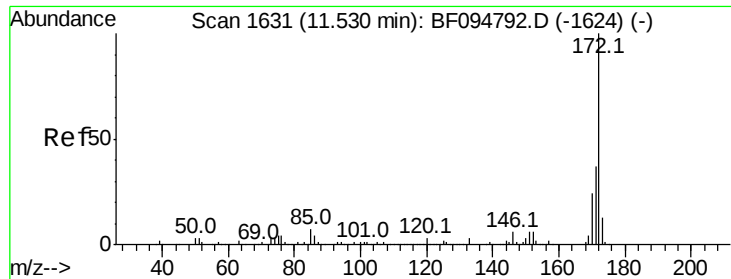
Tot Ion:196 Resp: 84935
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.2 111.4
 200 28.3 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 16.32 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.02 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:196 Resp: 65587
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 97 53.7 47.7 71.5
 132 47.4 28.0 42.0#

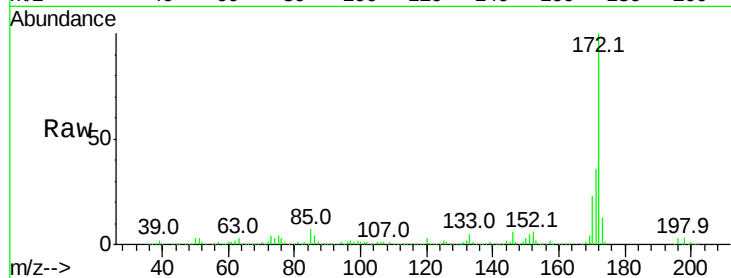




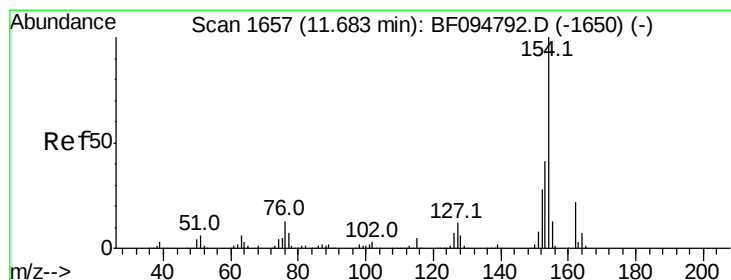
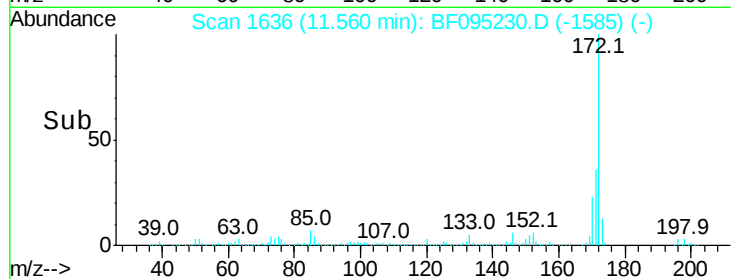
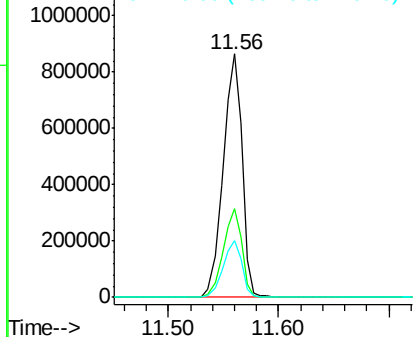
#44
2-Fluorobiphenyl
Concen: 81.66 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

Tot Ion:172 Resp: 1032892
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.3 19.8 29.8

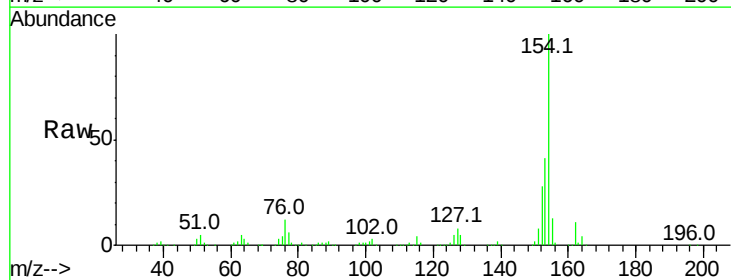


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

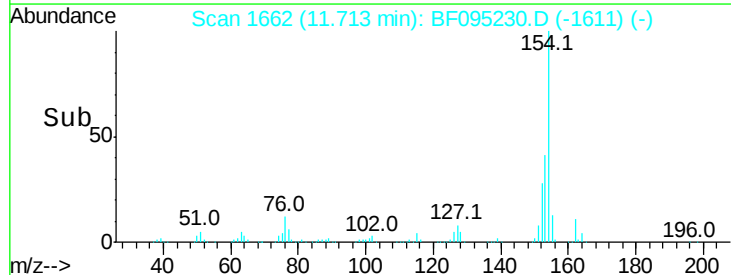
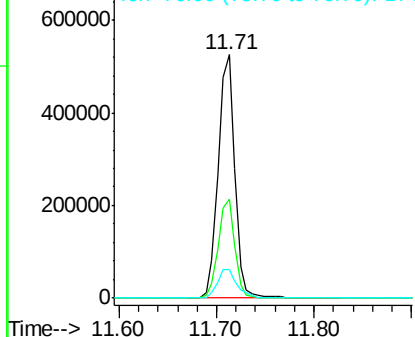


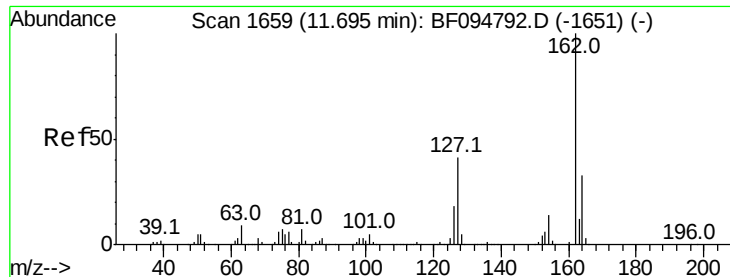
#45
1,1'-Biphenyl
Concen: 40.50 ng
RT: 11.71 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:154 Resp: 620834
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 11.9 0.0 29.9



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

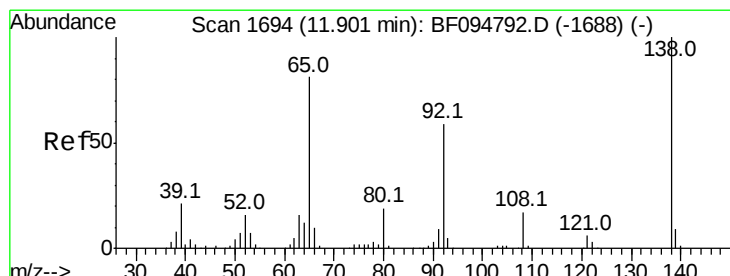
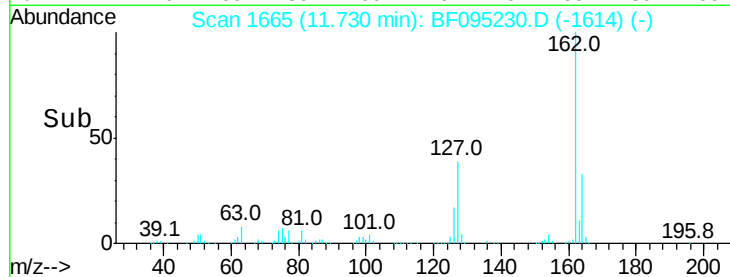
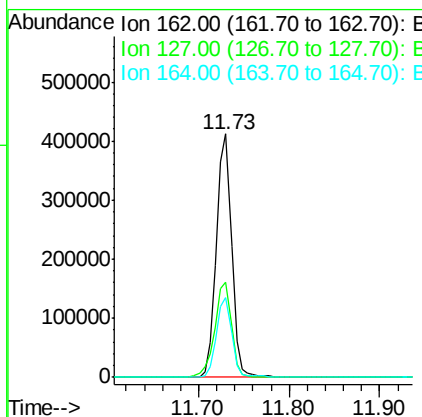
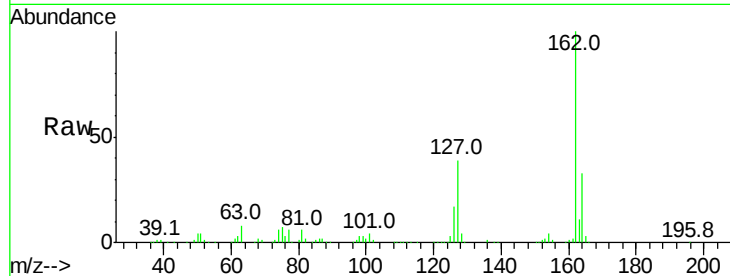




#46
 2-Chloronaphthalene
 Concen: 38.82 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

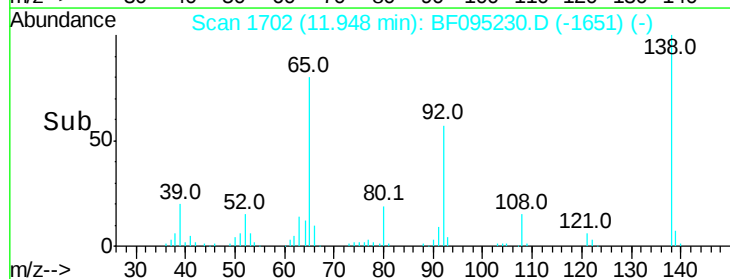
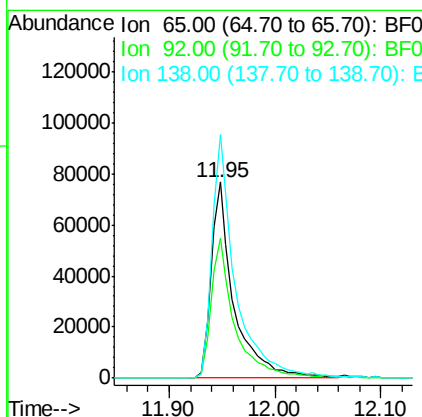
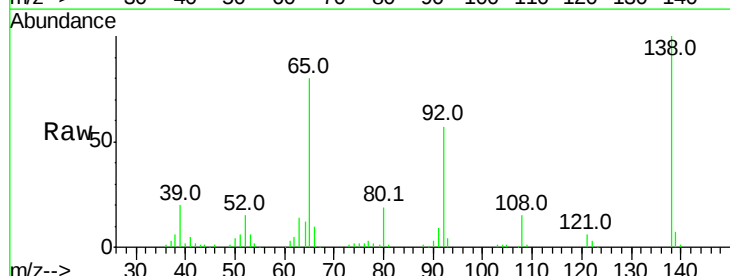
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

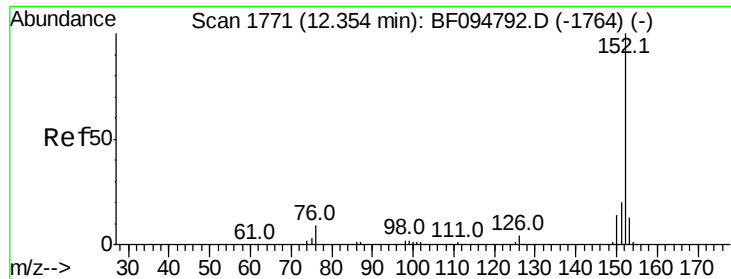
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	28.3	42.5
164	32.5	27.0	40.4



#47
 2-Nitroaniline
 Concen: 34.49 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.9	80.9
138	124.4	78.8	118.2





#48

Acenaphthylene

Concen: 40.02 ng

RT: 12.39 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

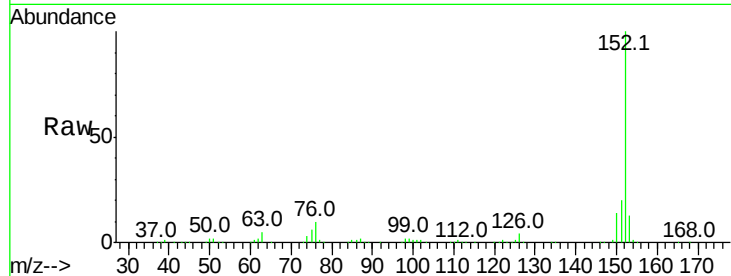
Tot Ion:152 Resp: 775782

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 13.0 10.8 16.2

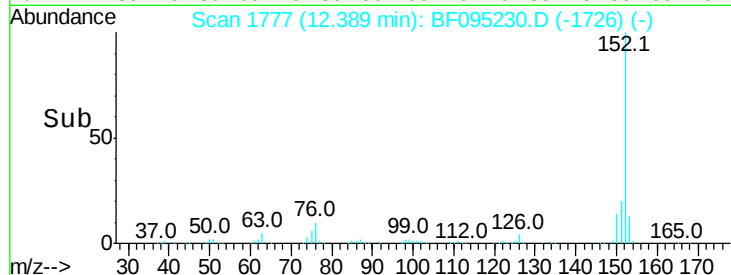


Abundance Ion 152.00 (151.70 to 152.70): E

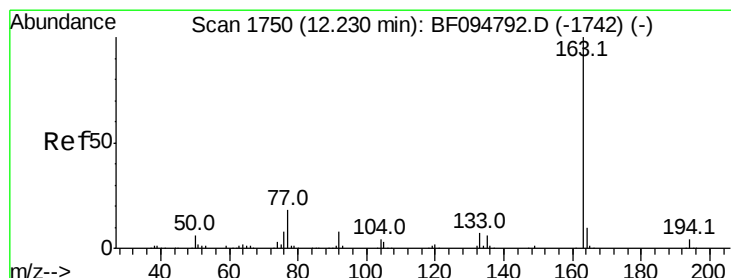
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

12.39



Time-->



#49

Dimethylphthalate

Concen: 37.22 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

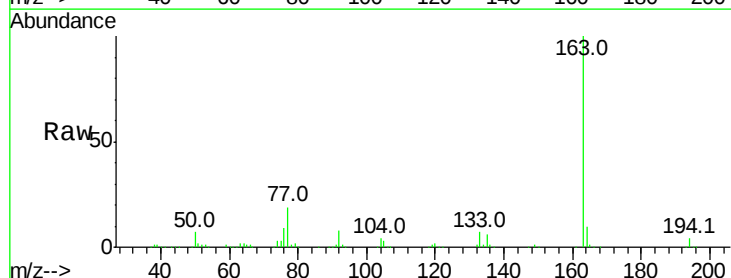
Tgt Ion:163 Resp: 556307

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 10.2 8.4 12.6

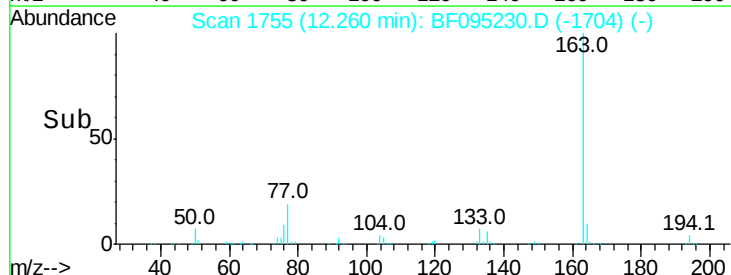


Abundance Ion 163.00 (162.70 to 163.70): E

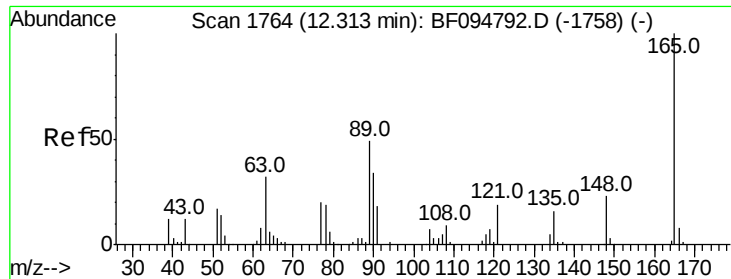
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

12.26



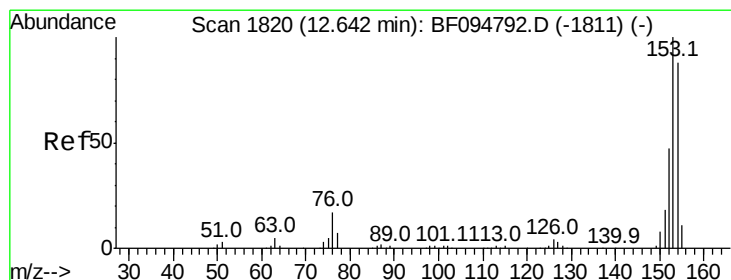
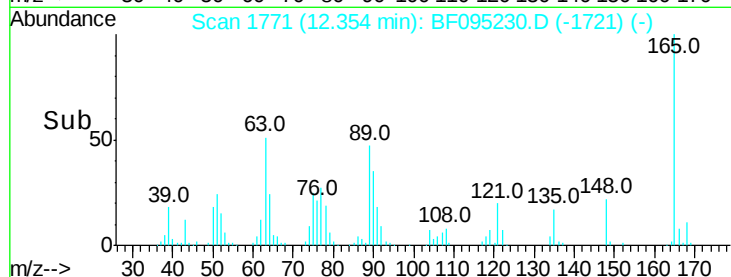
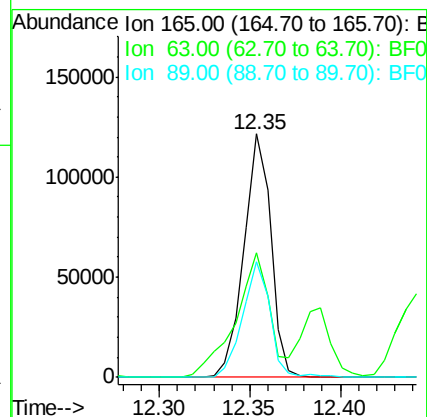
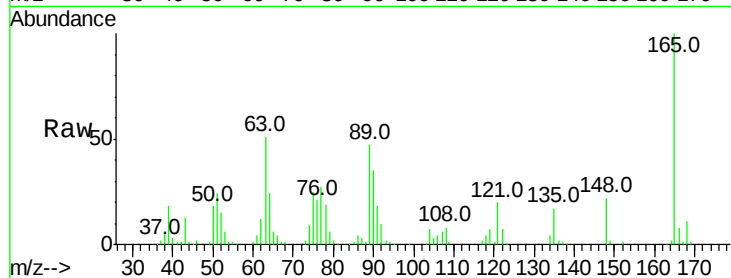
Time-->



#50
 2,6-Dinitrotoluene
 Concen: 41.28 ng
 RT: 12.35 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

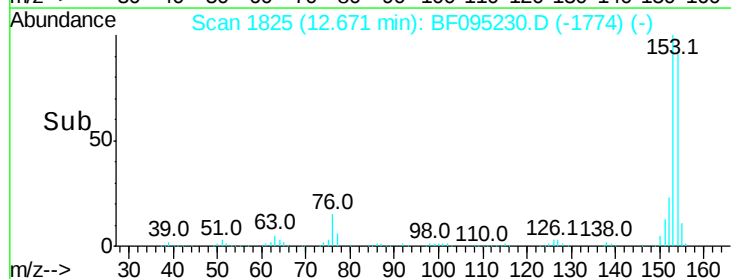
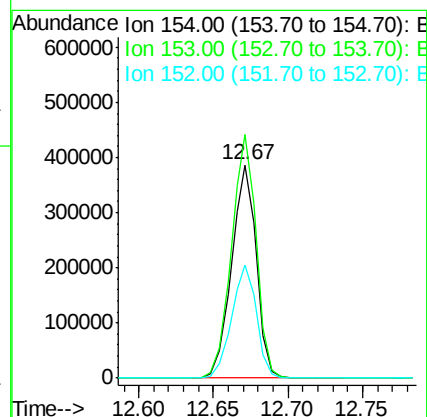
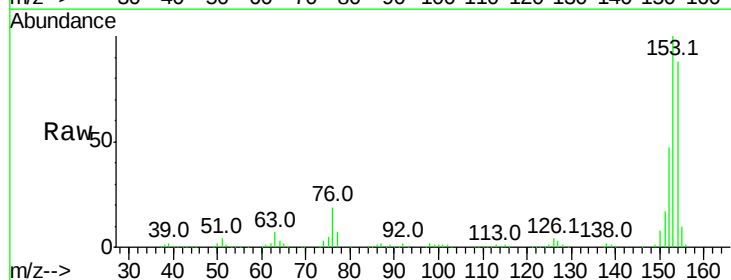
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

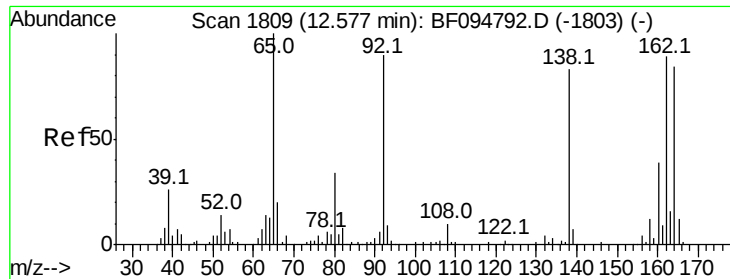
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	34.3	51.5
89	47.4	37.1	55.7



#51
 Acenaphthene
 Concen: 38.90 ng
 RT: 12.67 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.5	135.7
152	53.1	43.6	65.4





#52

3-Nitroaniline

Concen: 37.91 ng

RT: 12.63 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

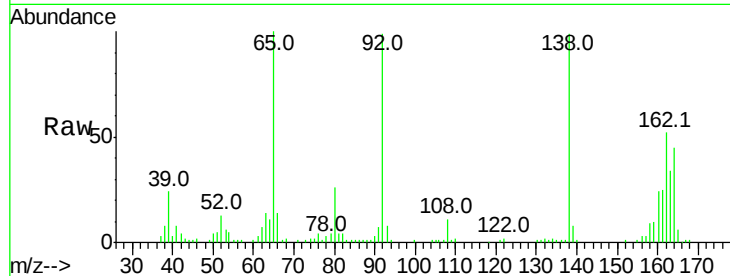
Tot Ion:138 Resp: 124079

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

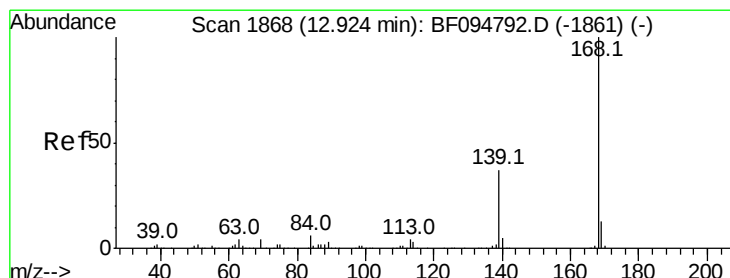
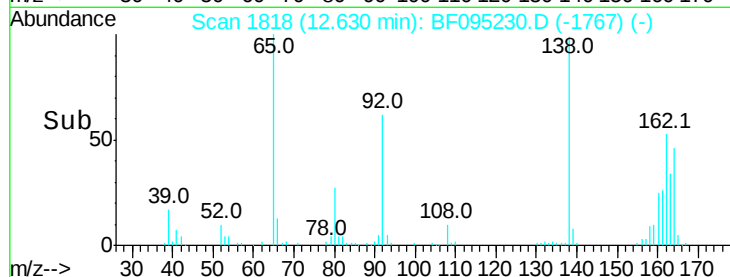
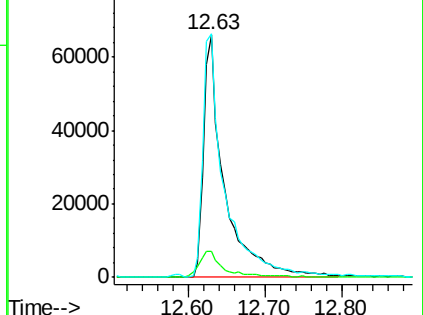
92 100.3 93.8 140.6



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



#54

Dibenzofuran

Concen: 43.53 ng

RT: 12.96 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

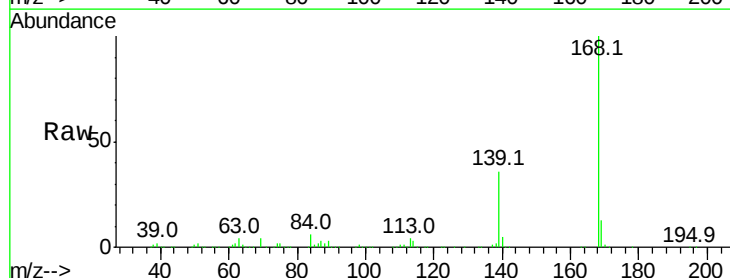
Tgt Ion:168 Resp: 697551

Ion Ratio Lower Upper

168 100

139 36.2 30.6 45.8

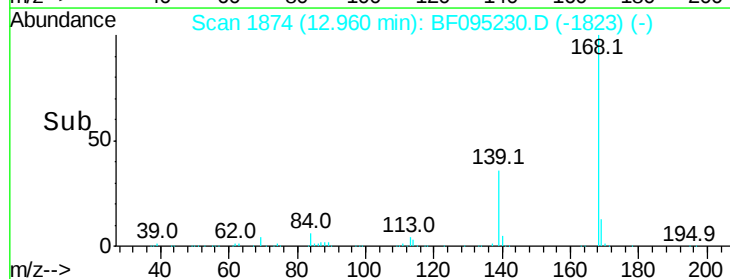
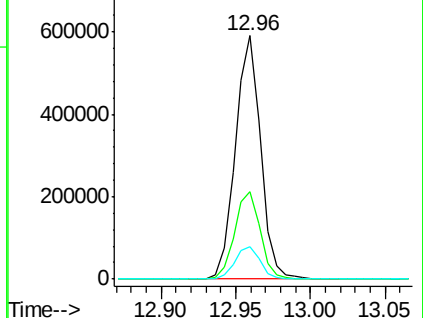
169 13.1 10.8 16.2

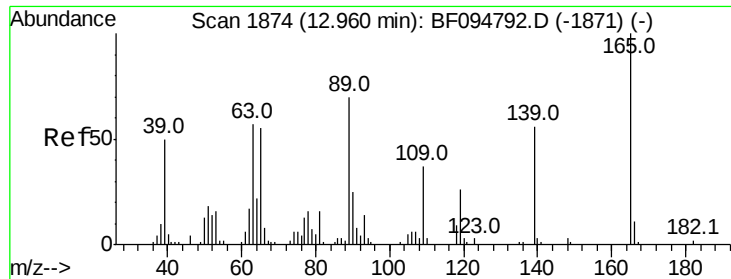


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

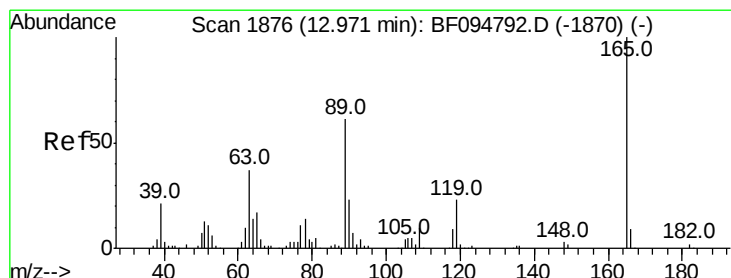
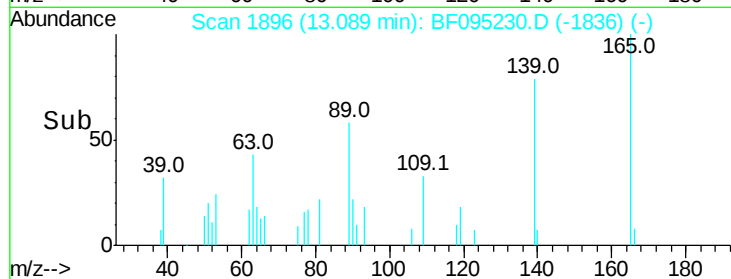
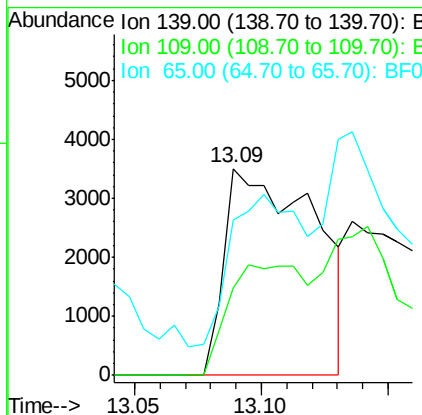
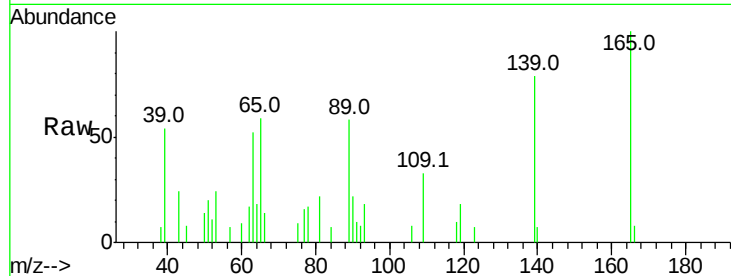




#55
4-Nitrophenol
Concen: 4.41 ng
RT: 13.09 min Scan# 1896
Delta R.T. 0.05 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

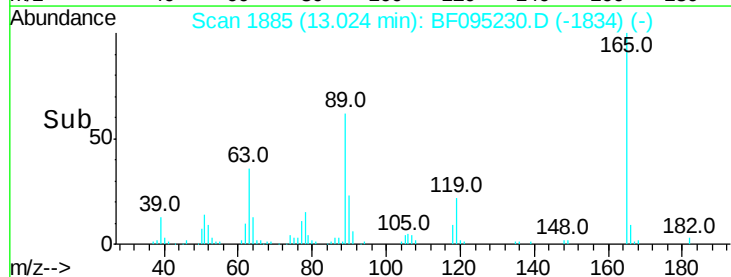
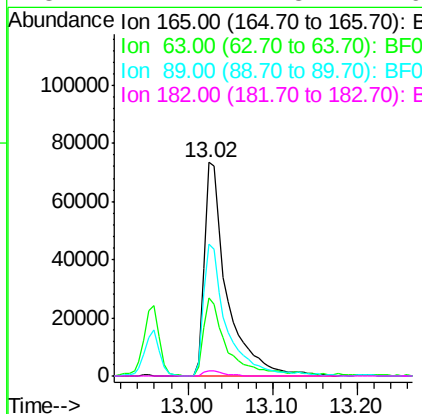
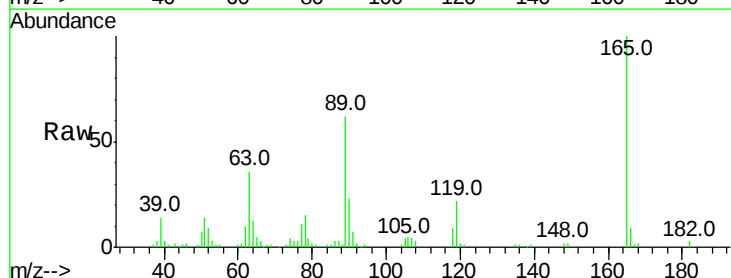
Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

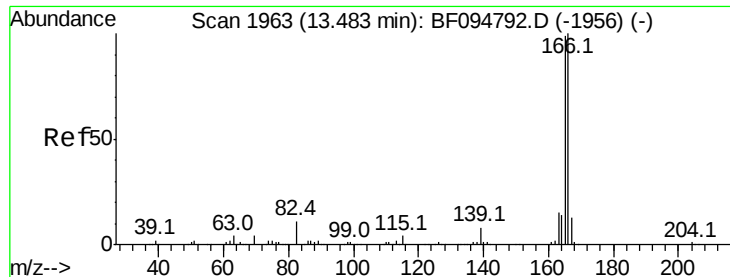
Tot Ion:139 Resp: 8677
Ion Ratio Lower Upper
139 100
109 42.3 34.1 74.1
65 74.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 34.79 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:165 Resp: 136322
Ion Ratio Lower Upper
165 100
63 36.3 25.4 38.0
89 61.8 46.4 69.6
182 2.7 1.8 2.6#

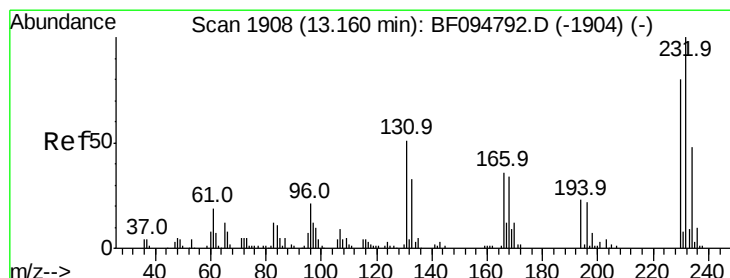
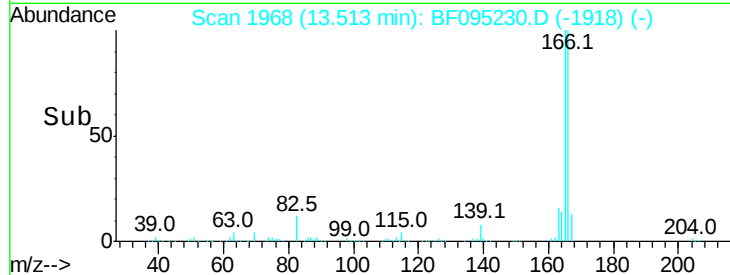
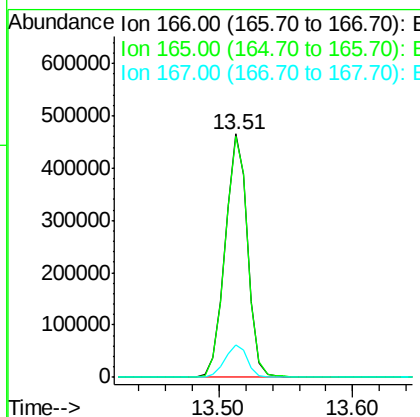
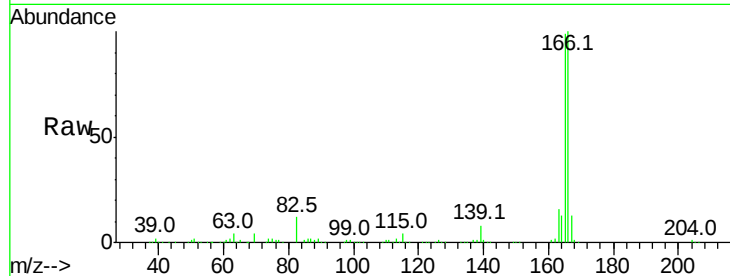




#57
 Fluorene
 Concen: 39.41 ng
 RT: 13.51 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

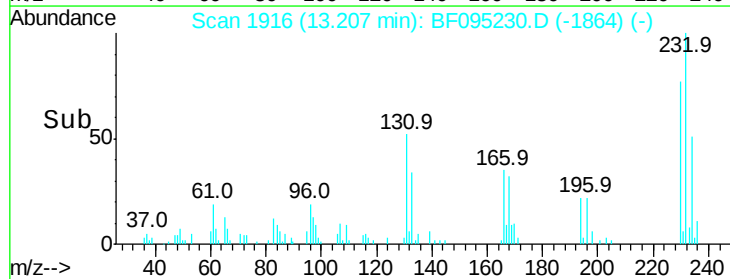
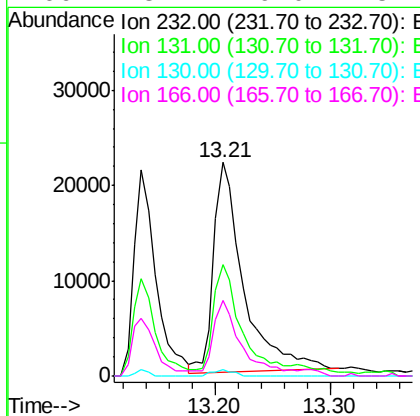
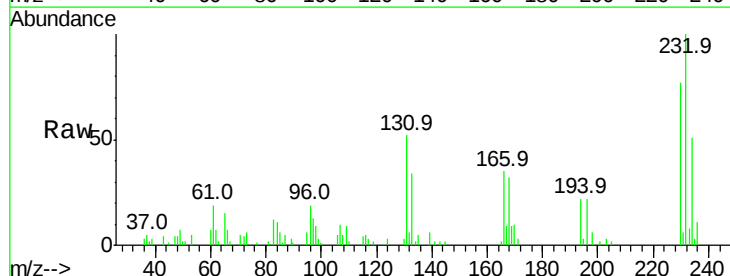
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

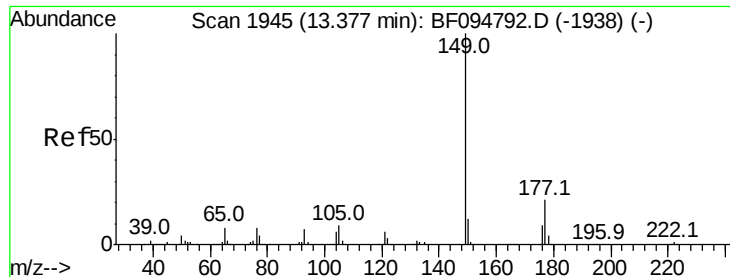
Tot Ion:166 Resp: 549134
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.66 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:232 Resp: 39603
 Ion Ratio Lower Upper
 232 100
 131 56.8 44.8 67.2
 130 1.9 2.3 3.5#
 166 28.4 29.0 43.4#





#59

Diethylphthalate

Concen: 38.43 ng

RT: 13.41 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

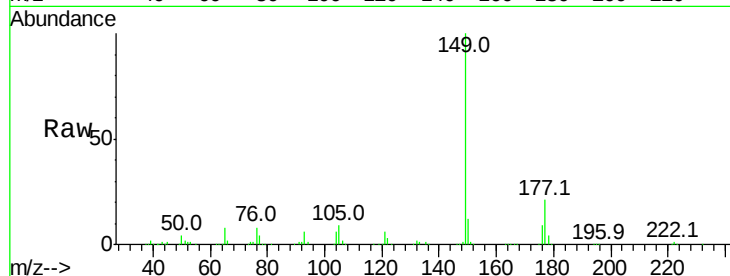
Tot Ion:149 Resp: 550548

Ion Ratio Lower Upper

149 100

177 20.8 16.7 25.1

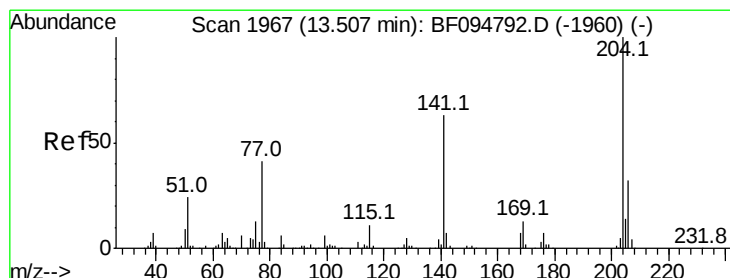
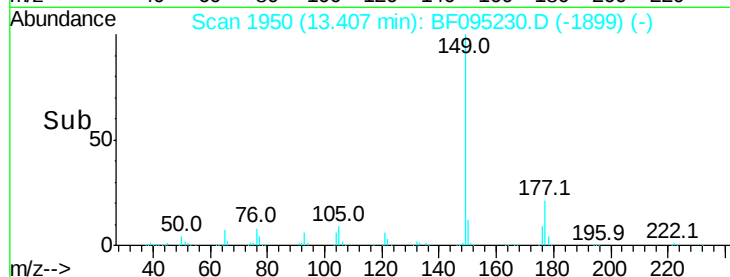
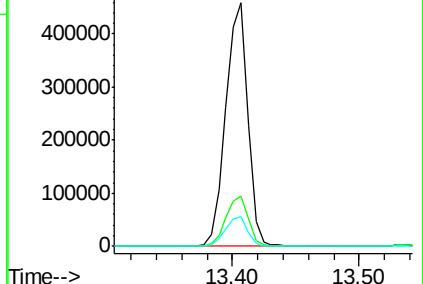
150 12.1 10.2 15.2



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: 40.73 ng

RT: 13.54 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

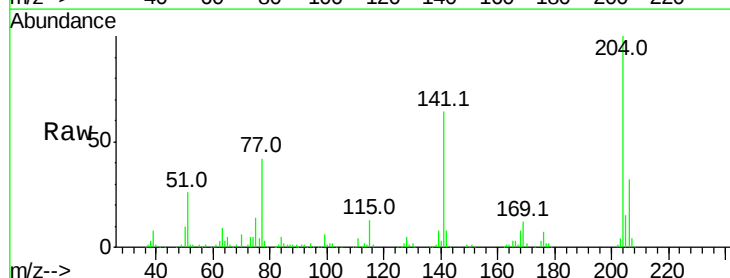
Tgt Ion:204 Resp: 249421

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.2

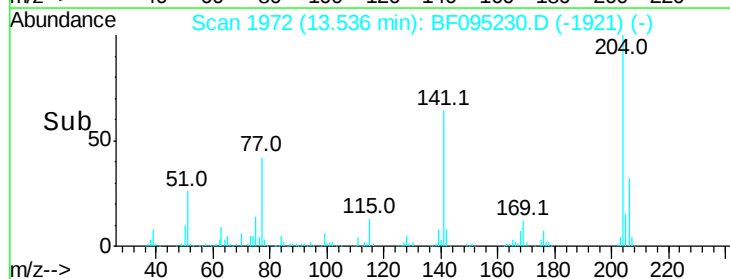
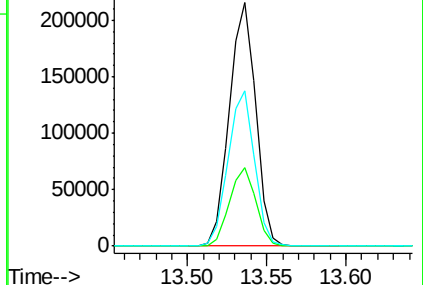
141 63.9 60.8 91.2

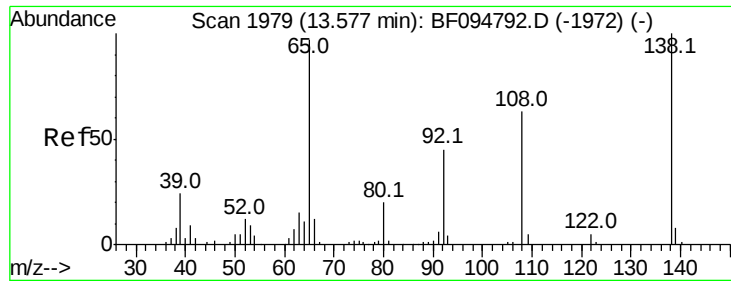


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

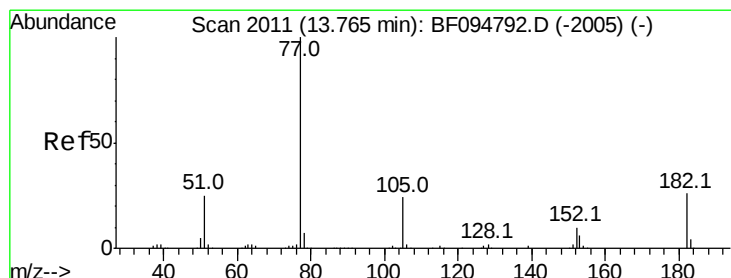
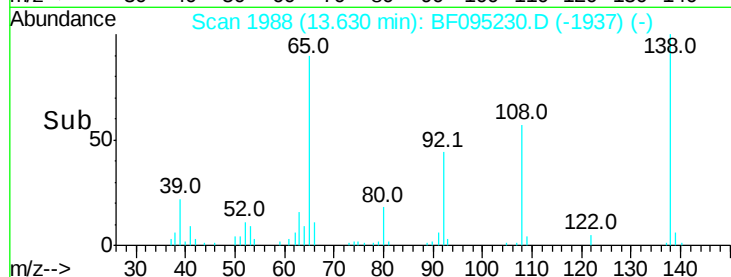
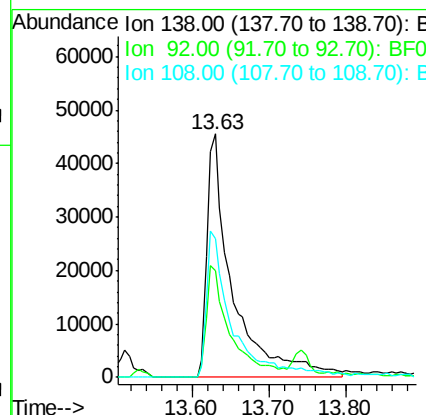
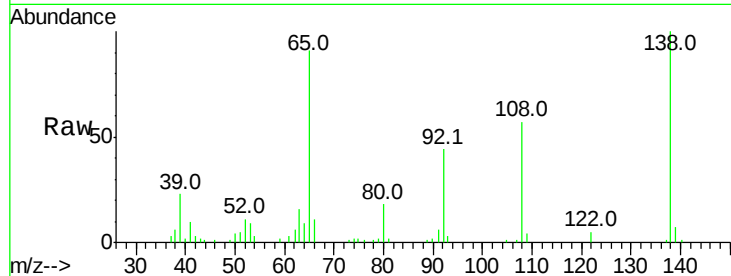




#61
4-Nitroaniline
Concen: 35.04 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

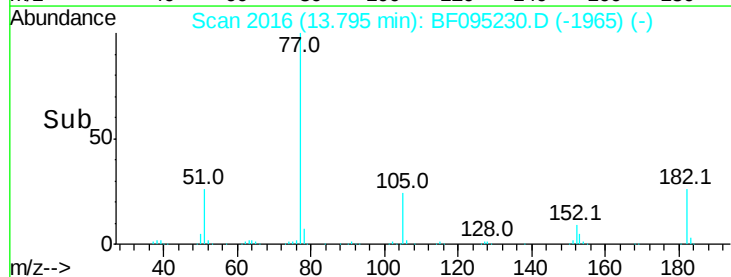
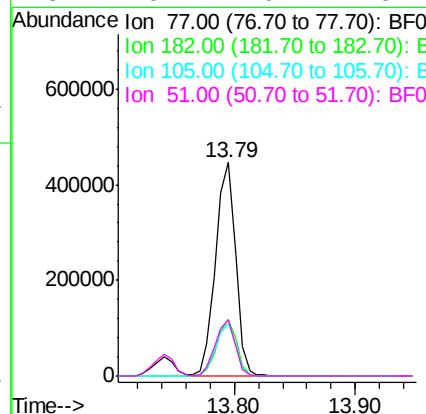
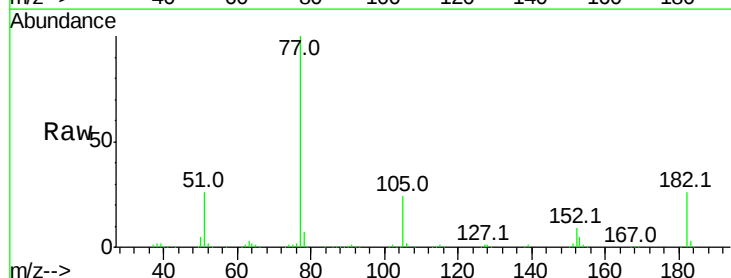
Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

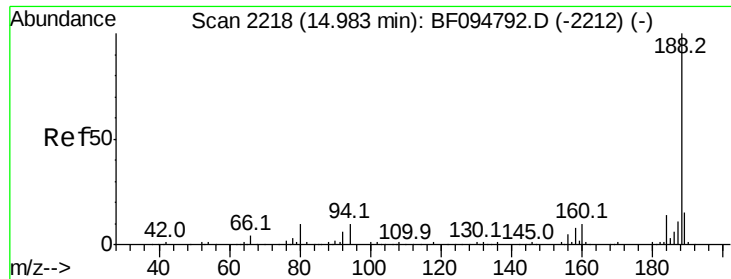
Tot Ion:138 Resp: 105291
Ion Ratio Lower Upper
138 100
92 44.1 21.8 61.8
108 56.9 42.3 82.3



#62
Azobenzene
Concen: 44.54 ng
RT: 13.79 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion: 77 Resp: 512697
Ion Ratio Lower Upper
77 100
182 26.4 0.1 40.1
105 24.5 3.6 43.6
51 26.1 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

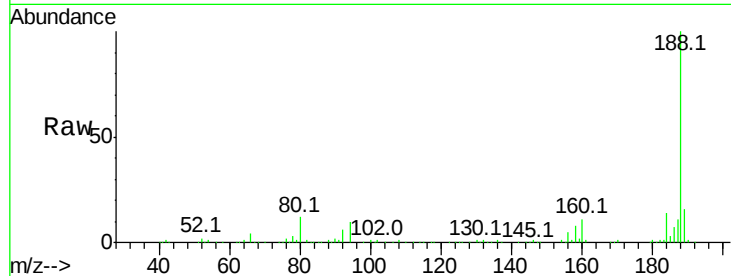
Tot Ion:188 Resp: 315190

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

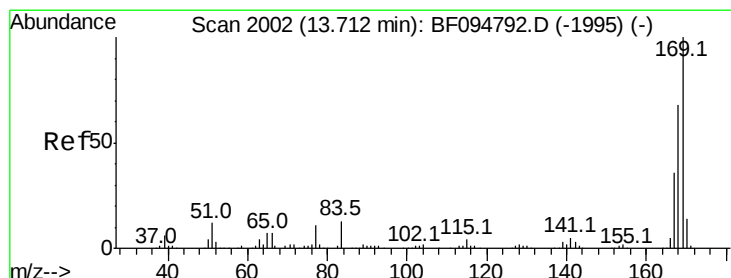
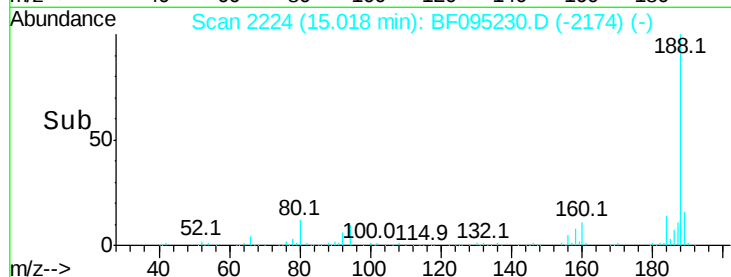
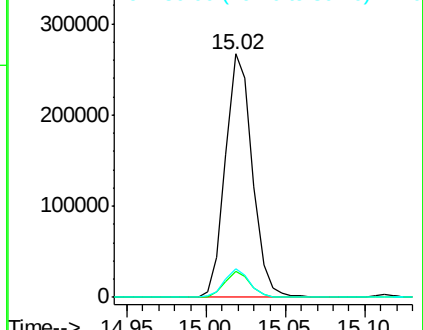
80 11.6 10.2 15.2



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



#65

n-Nitrosodiphenylamine

Concen: 41.08 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

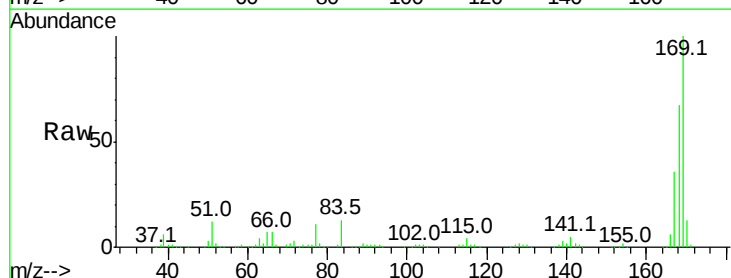
Tgt Ion:169 Resp: 469957

Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

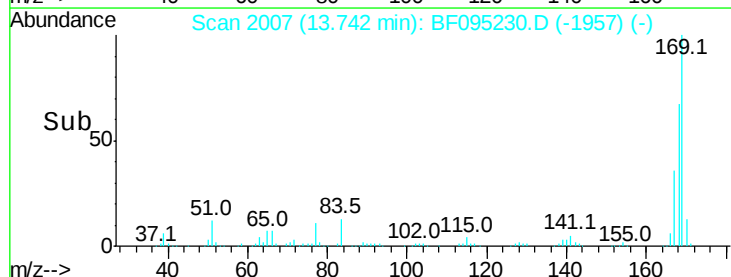
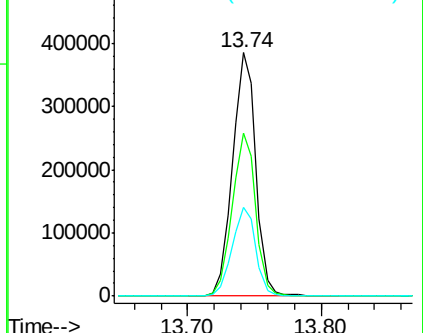
167 36.5 29.5 44.3

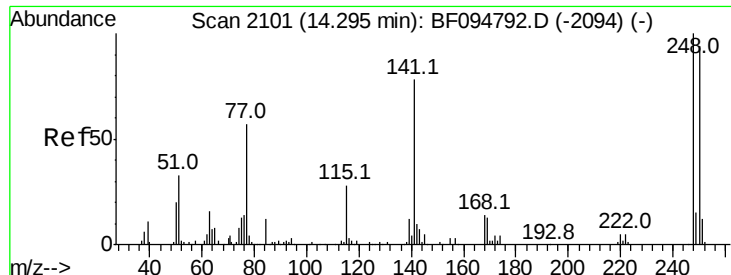


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

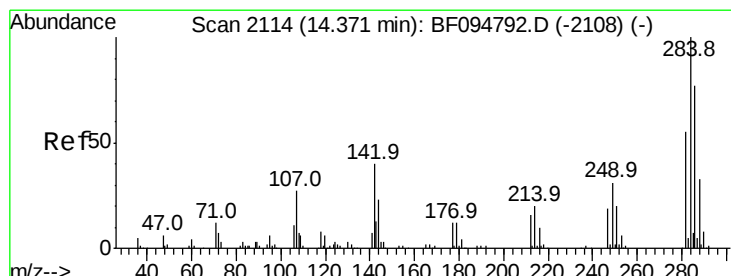
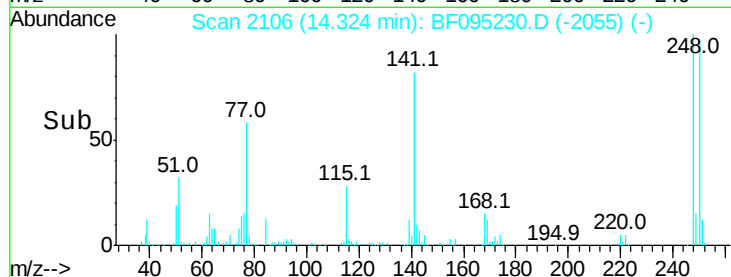
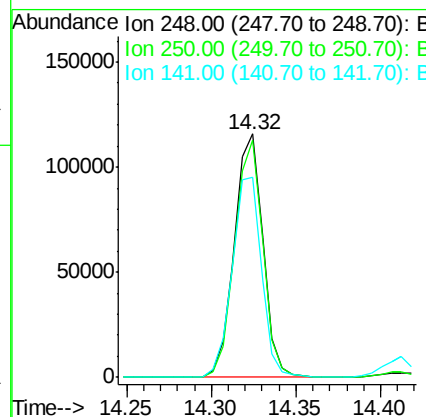
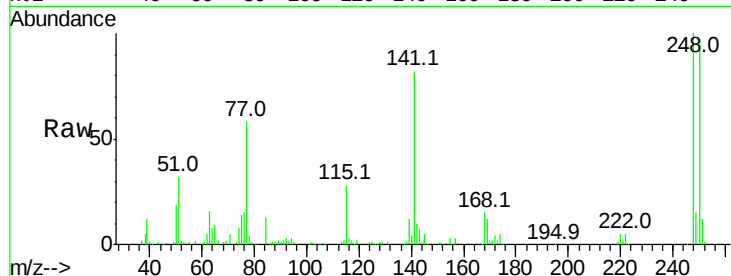




#66
 4-Bromophenyl-phenylether
 Concen: 40.92 ng
 RT: 14.32 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

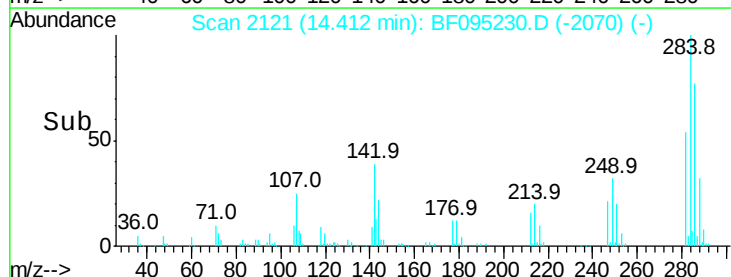
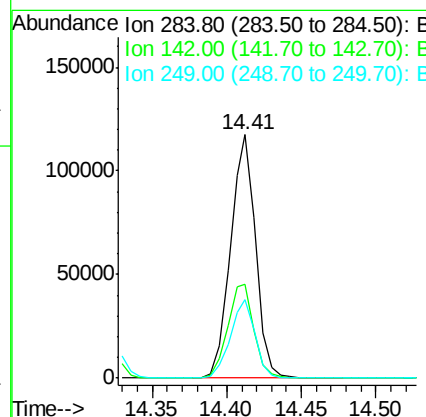
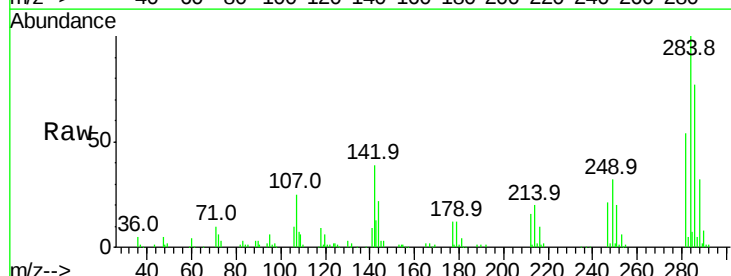
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

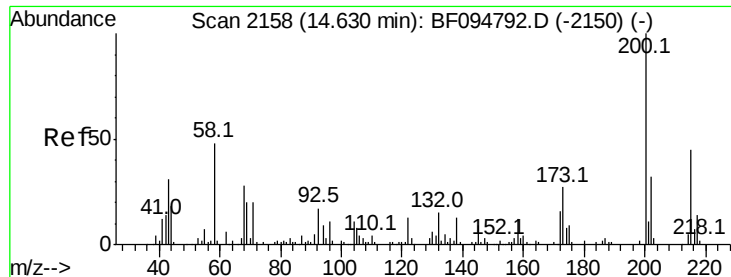
Tot Ion:248 Resp: 136274
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.8 115.2
 141 82.0 68.6 103.0



#67
 Hexachlorobenzene
 Concen: 40.73 ng
 RT: 14.41 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:284 Resp: 139008
 Ion Ratio Lower Upper
 284 100
 142 38.7 22.8 34.2#
 249 32.3 24.0 36.0

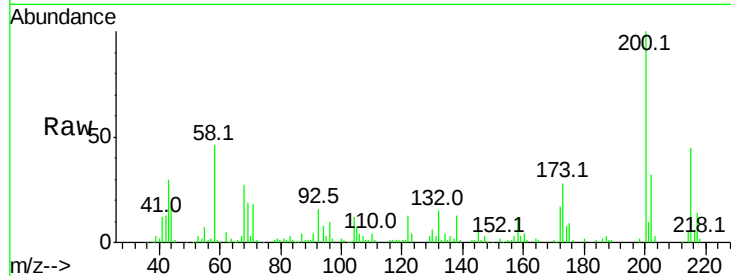




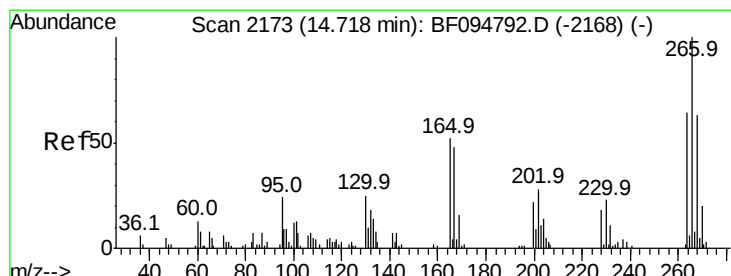
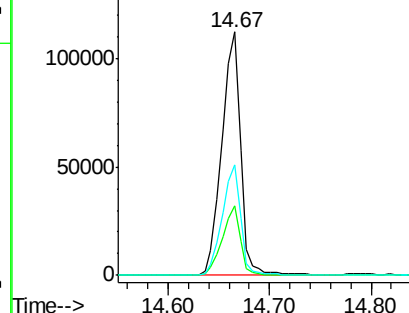
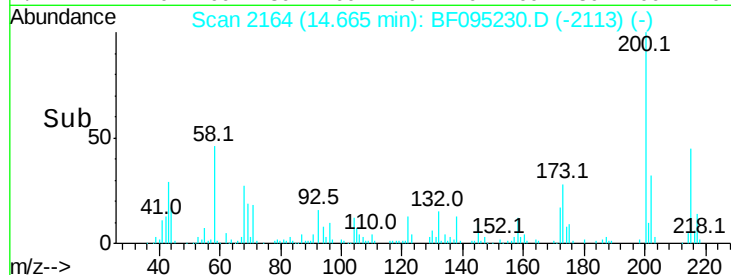
#68
Atrazine
Concen: 45.13 ng
RT: 14.67 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

Tot Ion:200 Resp: 145779
Ion Ratio Lower Upper
200 100
173 28.4 6.3 46.3
215 45.3 27.2 67.2

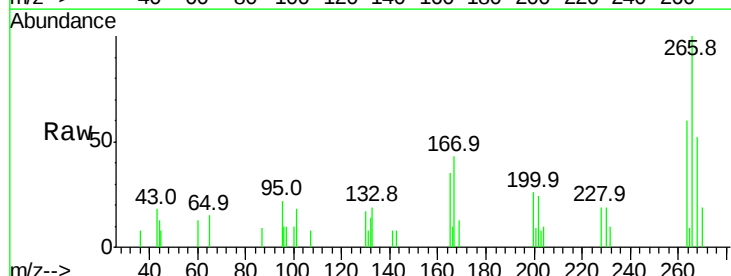


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

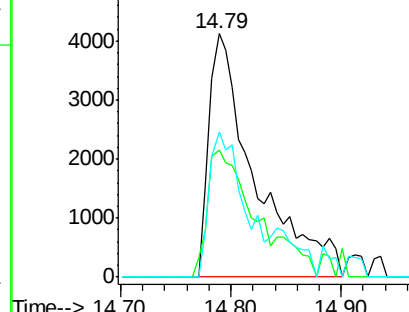
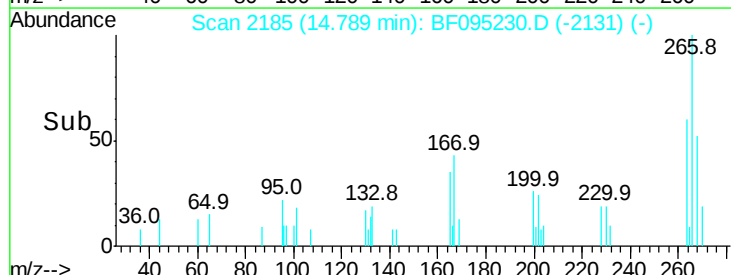


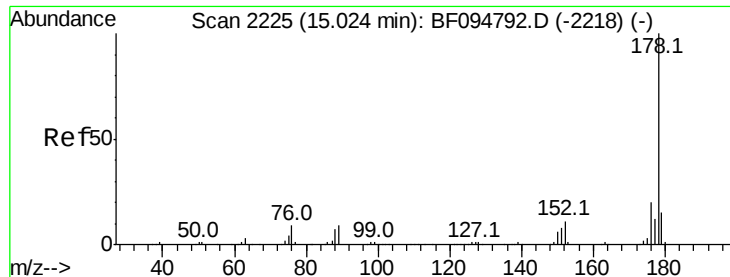
#69
Pentachlorophenol
Concen: 13.00 ng
RT: 14.79 min Scan# 2185
Delta R.T. 0.02 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:266 Resp: 11883
Ion Ratio Lower Upper
266 100
268 52.3 51.1 76.7
264 68.8 51.7 77.5



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

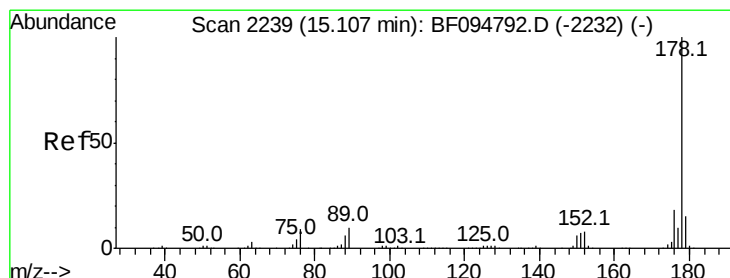
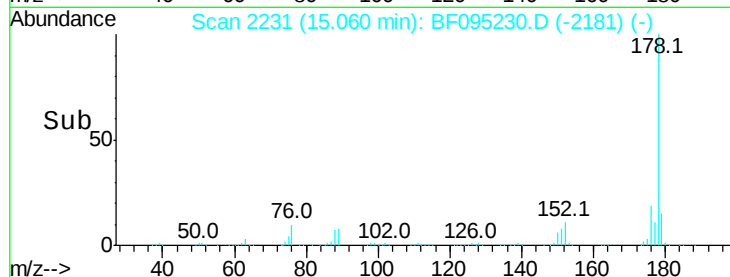
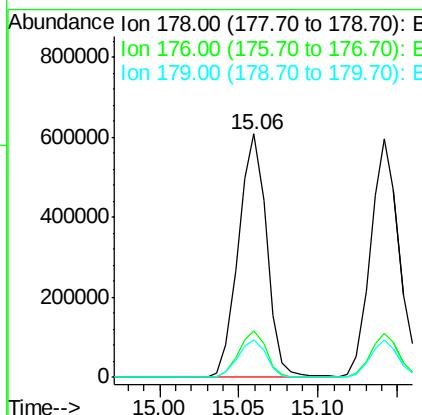
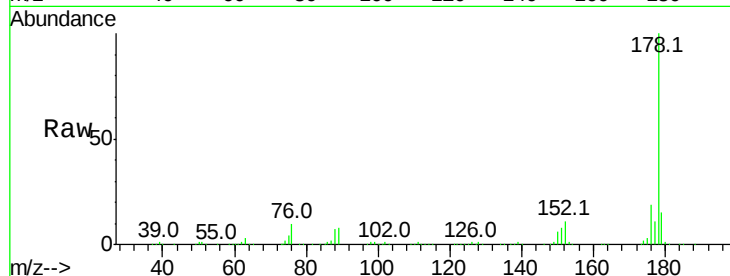




#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

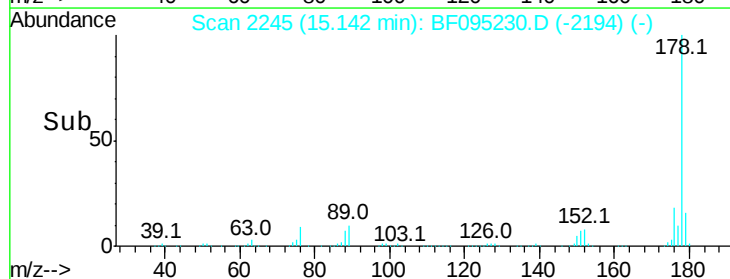
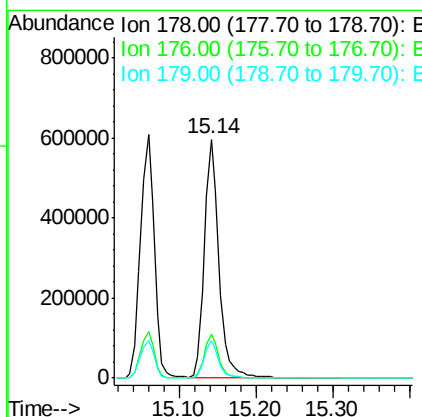
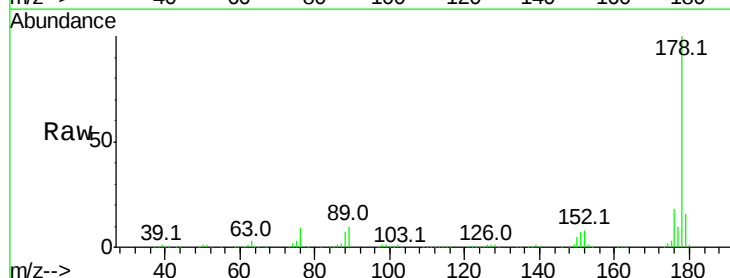
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

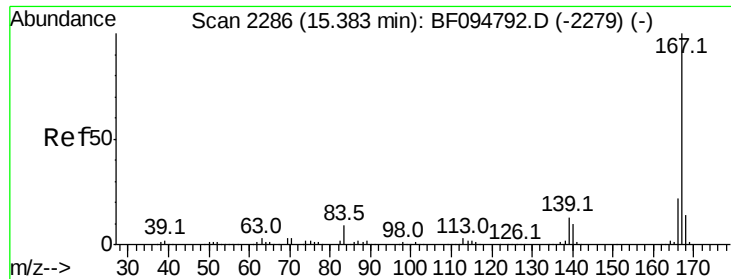
Tot Ion:178 Resp: 751858
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.4 12.6 19.0



#71
 Anthracene
 Concen: 42.29 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:178 Resp: 782392
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.7 12.7 19.1

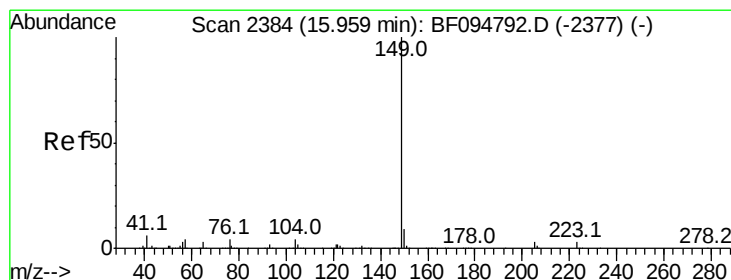
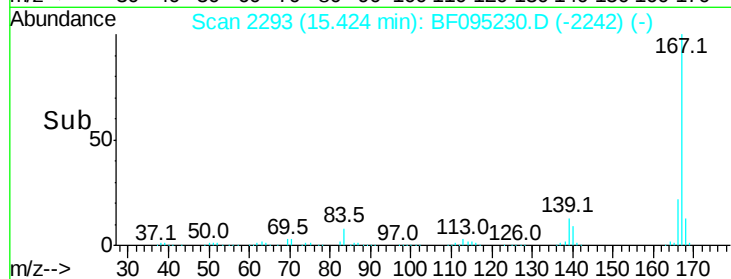
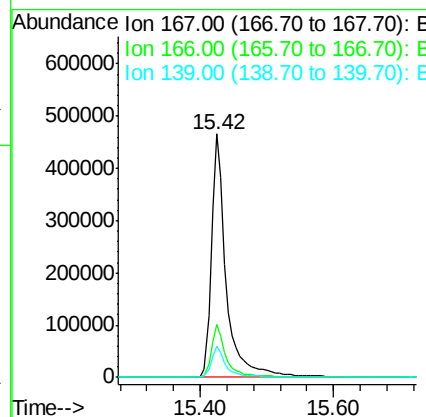
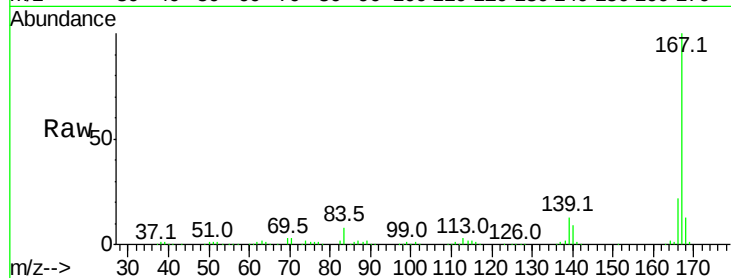




#72
 Carbazole
 Concen: 42.79 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

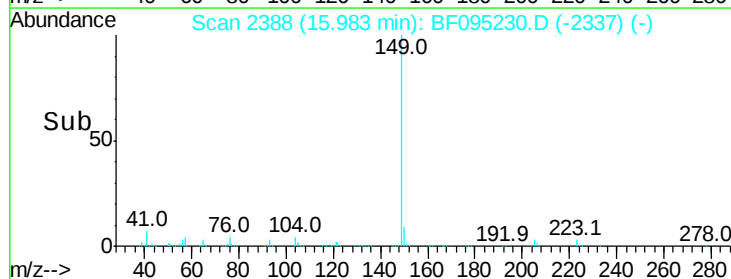
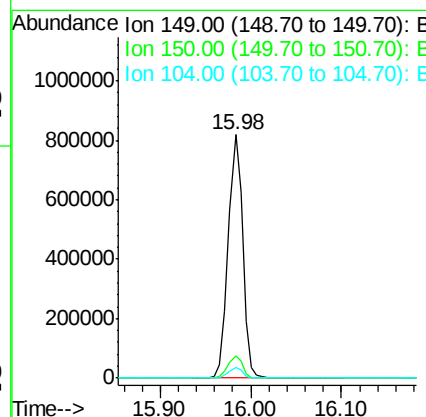
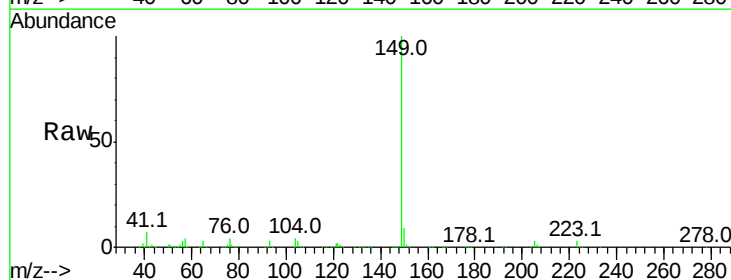
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

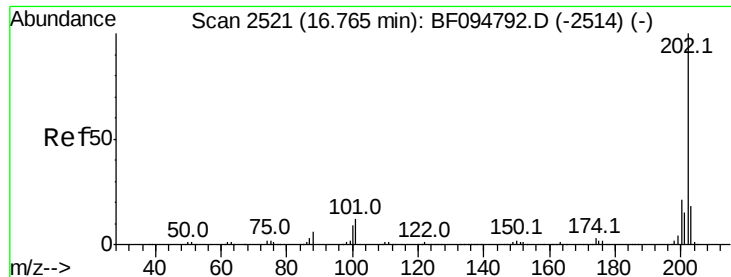
Tot Ion:167 Resp: 720199
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.7 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 42.72 ng
 RT: 15.98 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:149 Resp: 896685
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.4 4.0 6.0

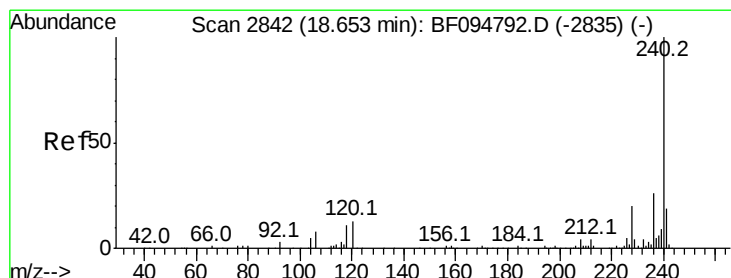
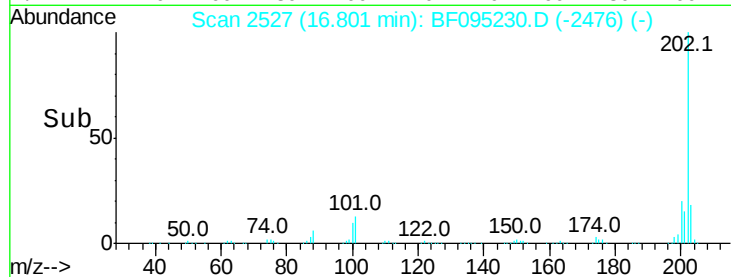
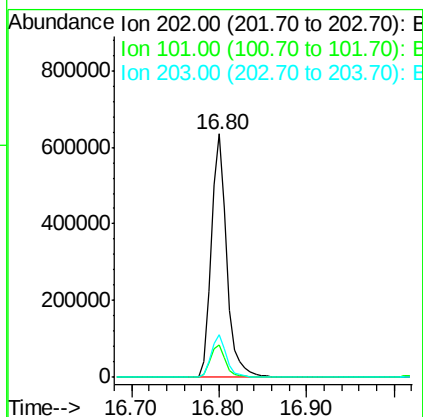
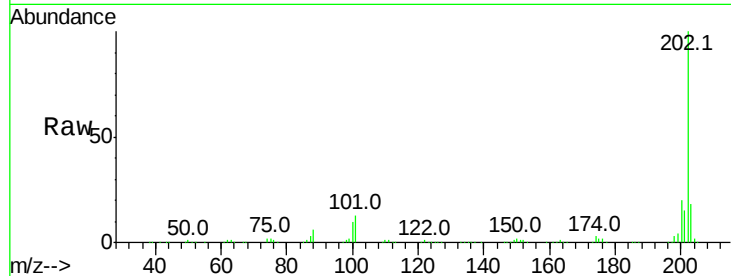




#74
 Fluoranthene
 Concen: 42.02 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

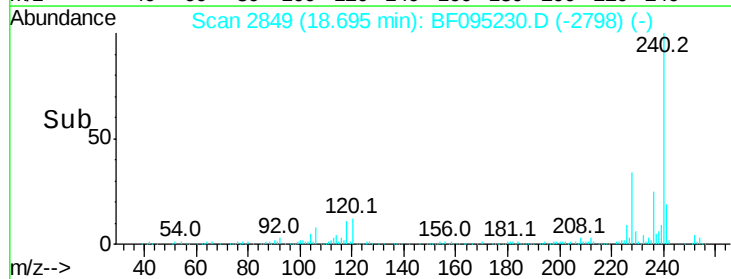
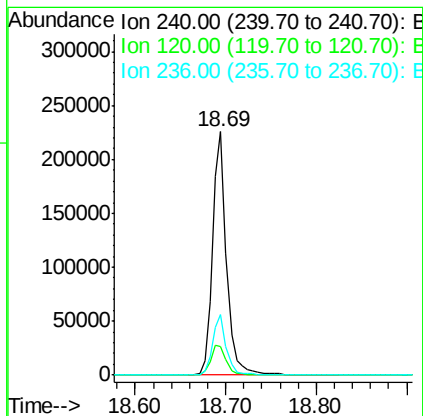
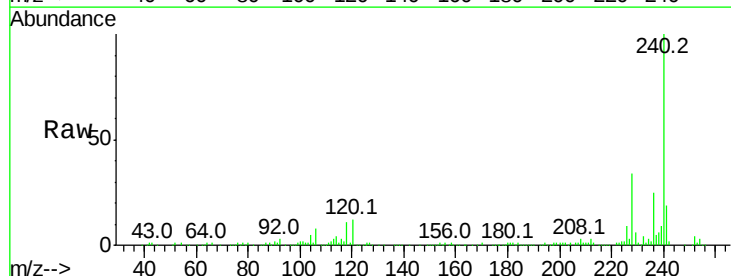
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MSD

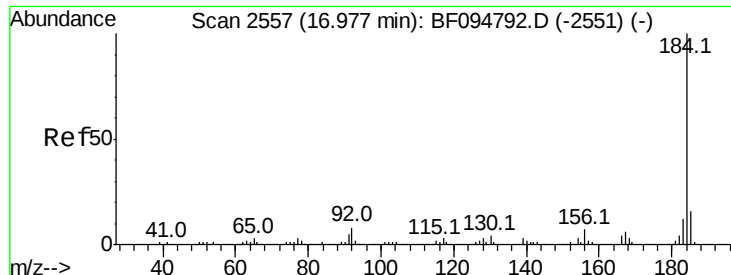
Tot Ion:202 Resp: 780604
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 33.2
 203 17.6 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:240 Resp: 242631
 Ion Ratio Lower Upper
 240 100
 120 12.0 5.8 8.8#
 236 24.7 20.5 30.7





#76

Benzidine

Concen: 167.96 ng

RT: 17.03 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

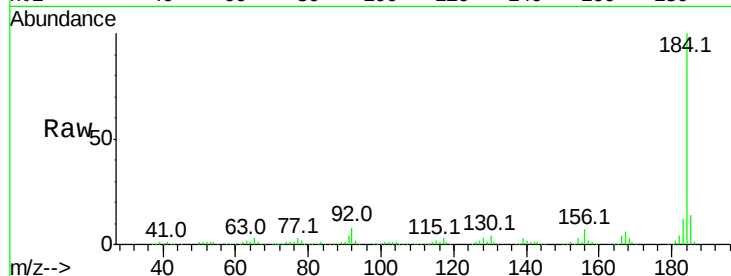
Tot Ion:184 Resp: 1227413

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

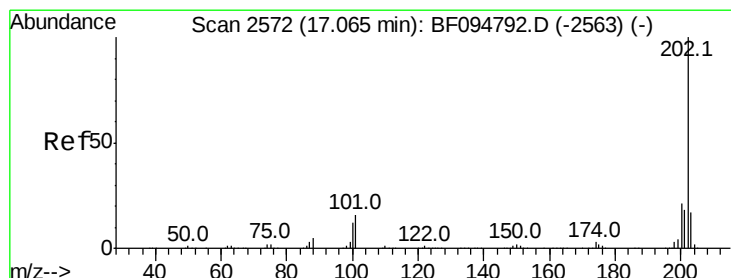
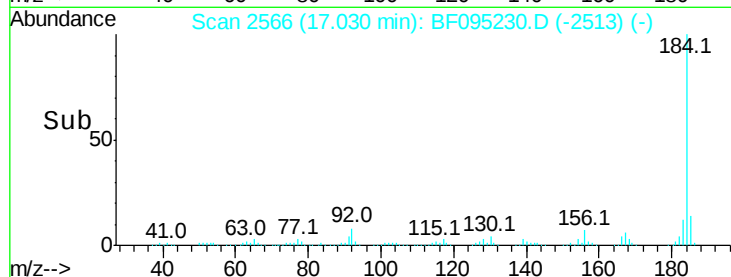
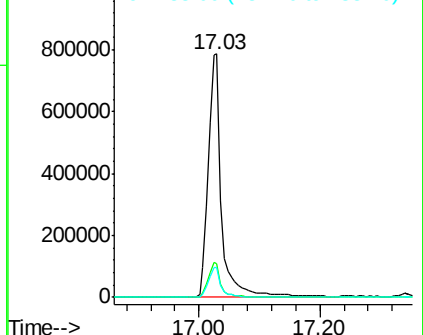
183 12.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.38 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

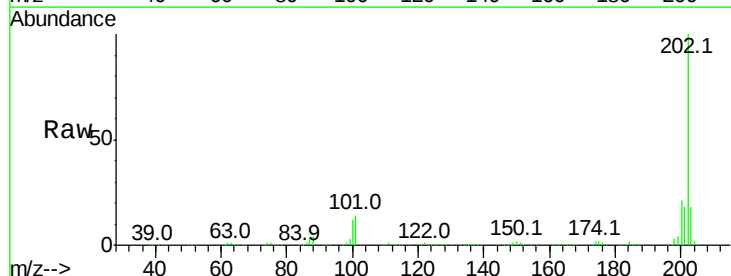
Tgt Ion:202 Resp: 769027

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

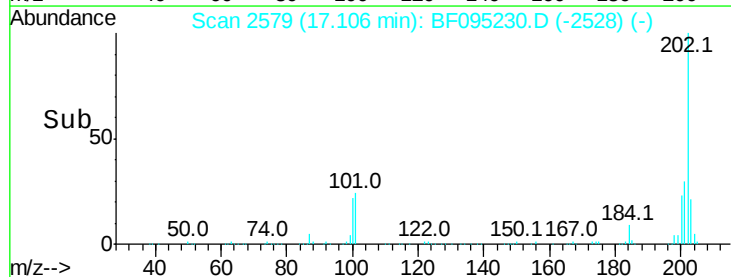
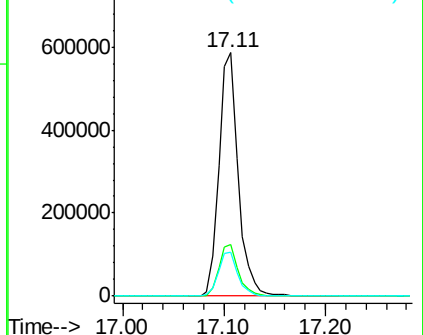
203 17.9 14.4 21.6

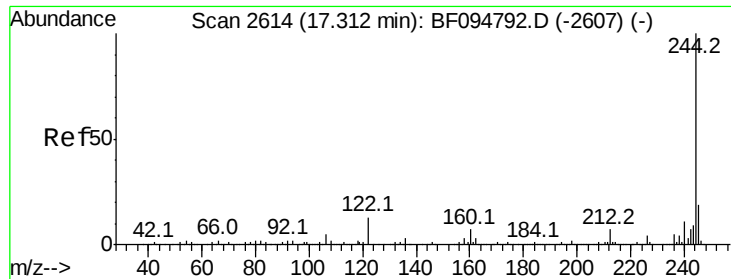


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.50 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

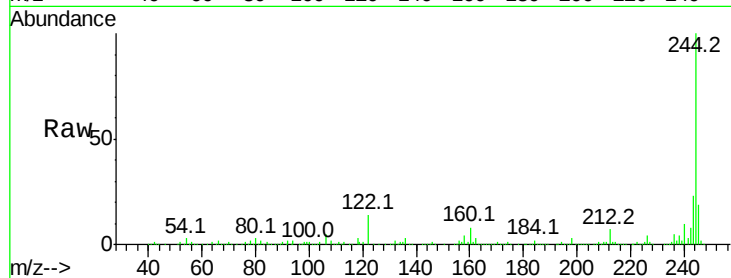
Tot Ion:244 Resp: 875800

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

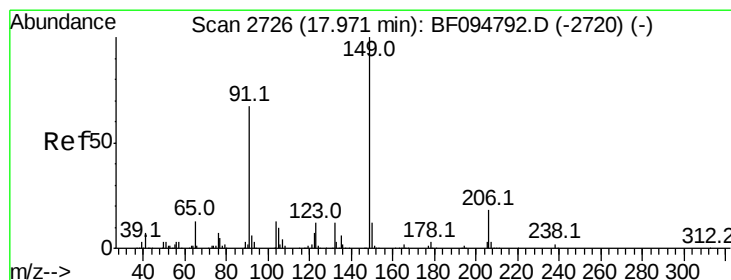
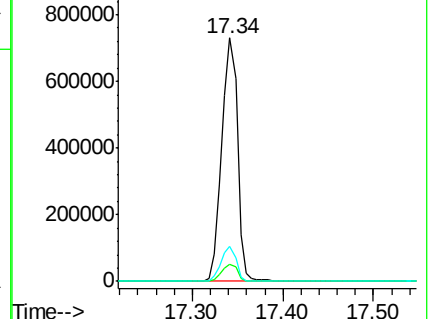
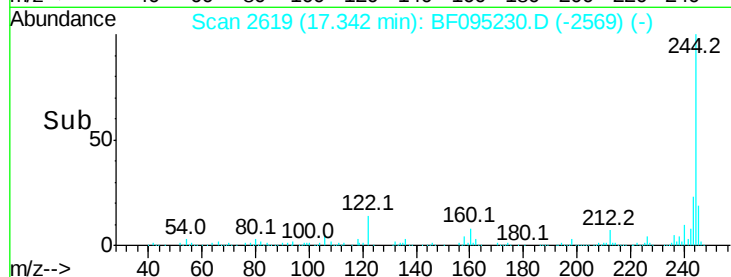
122 14.2 10.3 15.5



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: 41.54 ng

RT: 18.00 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

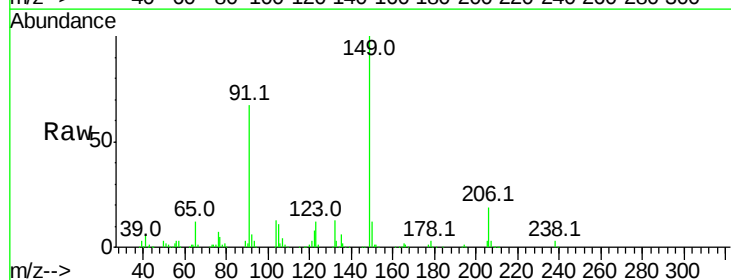
Tgt Ion:149 Resp: 350588

Ion Ratio Lower Upper

149 100

91 67.0 45.0 67.4

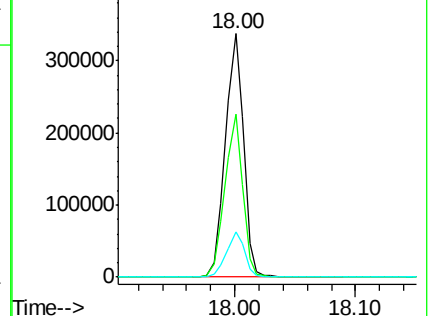
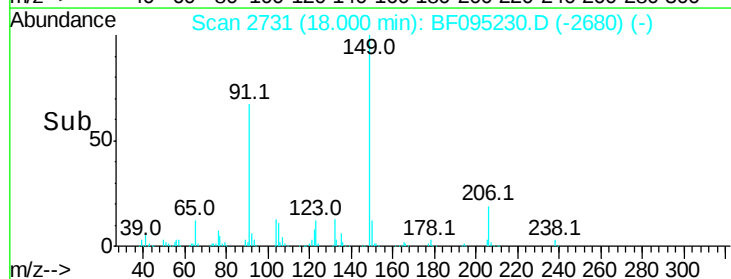
206 18.5 17.0 25.6

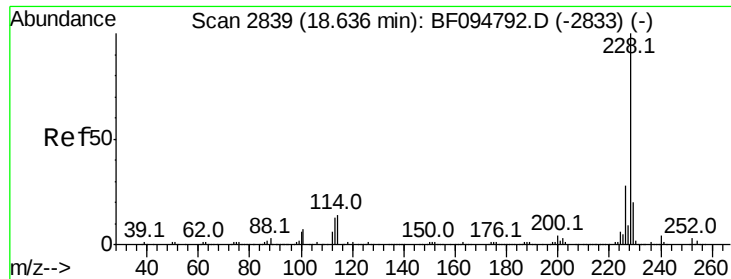


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.65 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

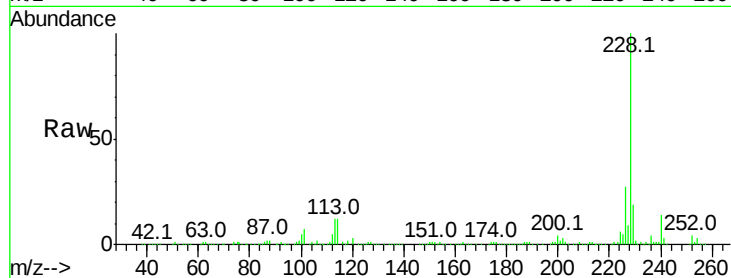
Tot Ion:228 Resp: 559859

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

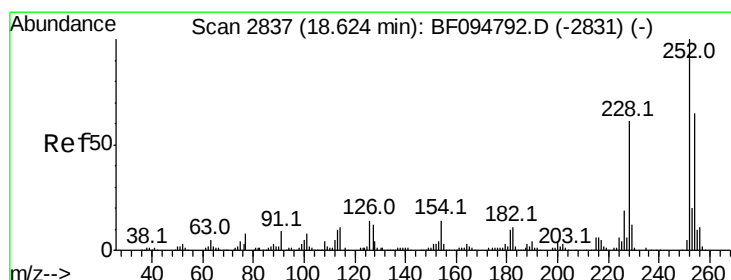
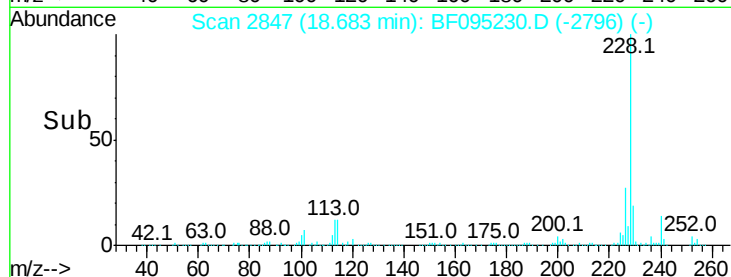
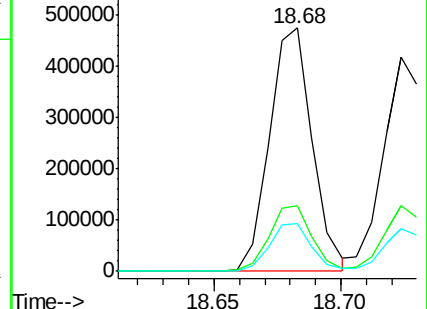
229 19.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 30.54 ng

RT: 18.66 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

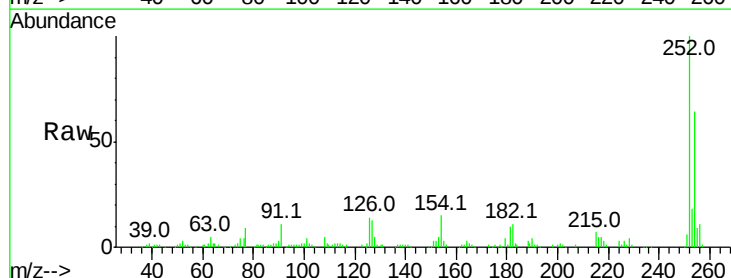
Tgt Ion:252 Resp: 148943

Ion Ratio Lower Upper

252 100

254 63.5 51.5 77.3

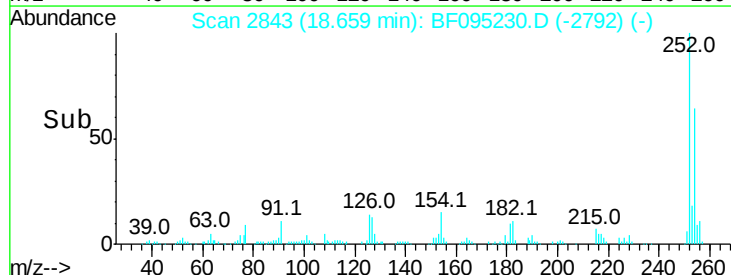
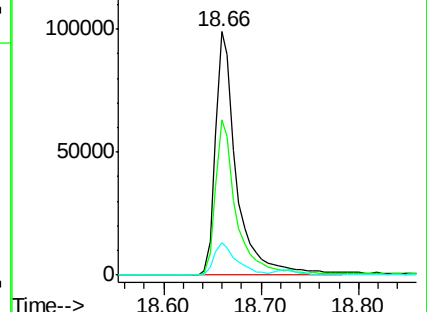
126 13.5 15.8 23.8#

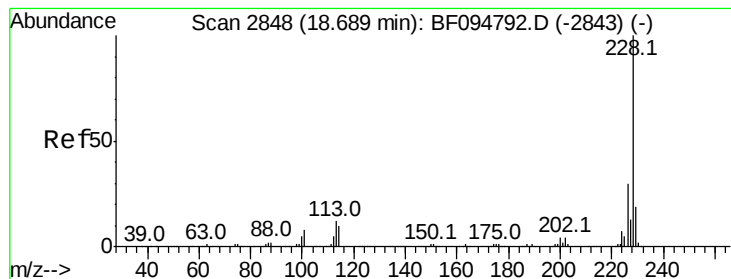


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.66 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

TP-25-6MSD

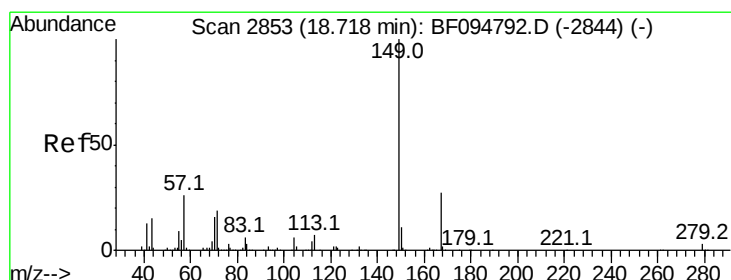
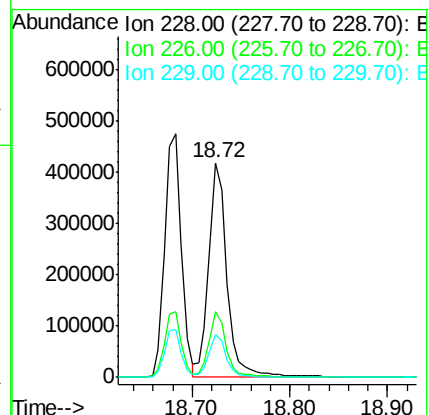
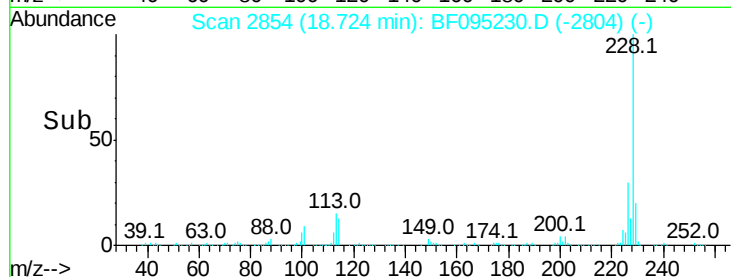
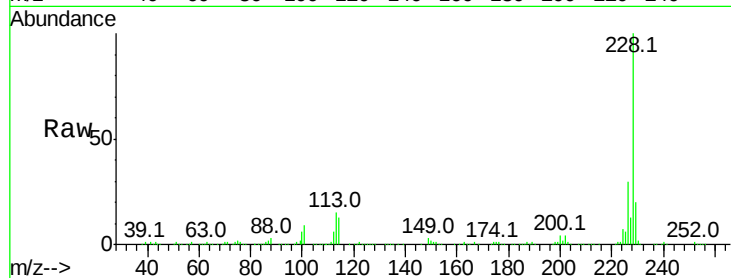
Tot Ion:228 Resp: 541504

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

229 20.2 15.8 23.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.80 ng

RT: 18.74 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

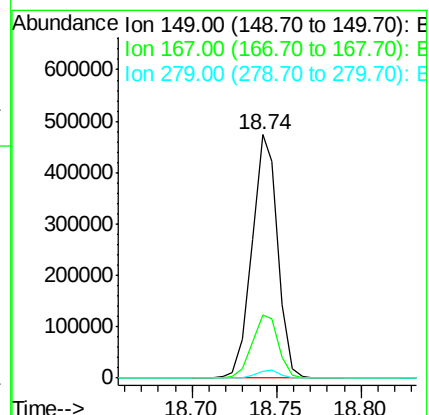
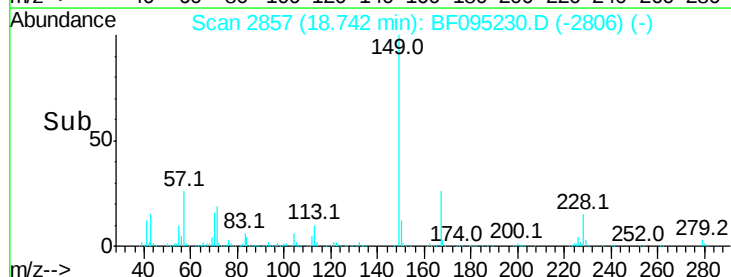
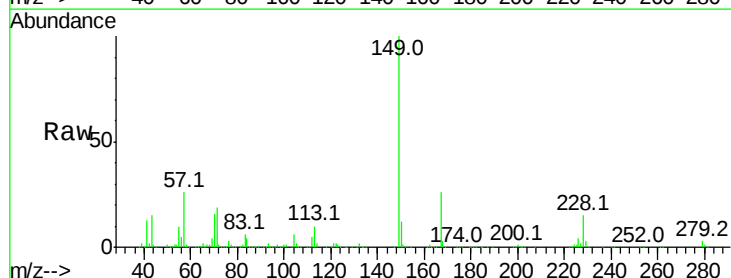
Tgt Ion:149 Resp: 502622

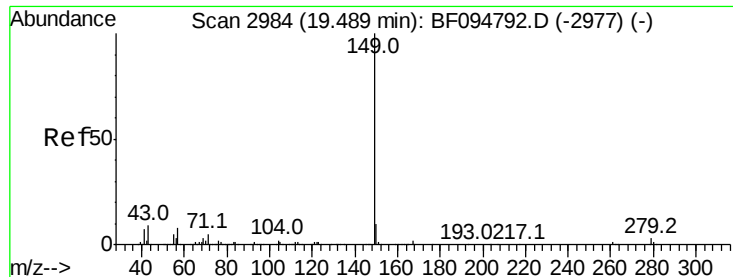
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 2.8 1.9 2.9

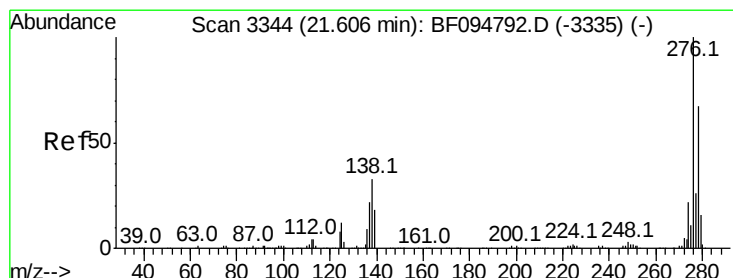
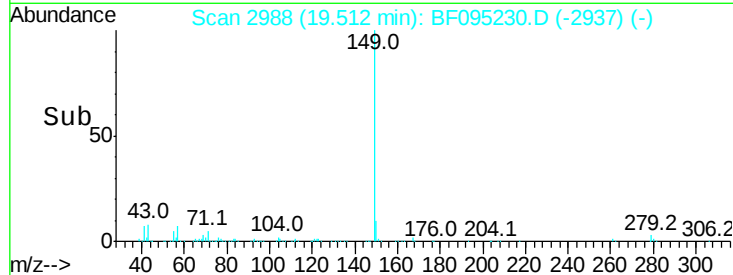
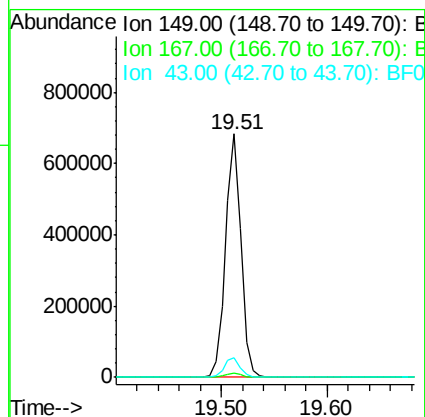
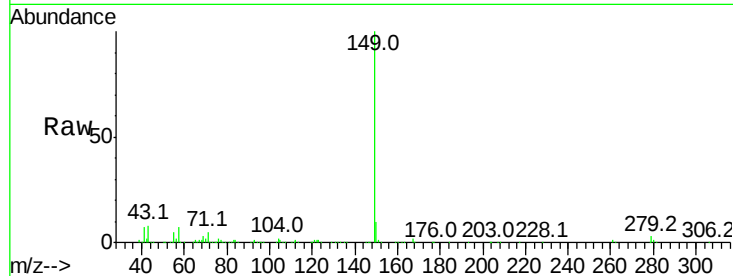




#84
Di-n-octyl phthalate
Concen: 35.50 ng
RT: 19.51 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

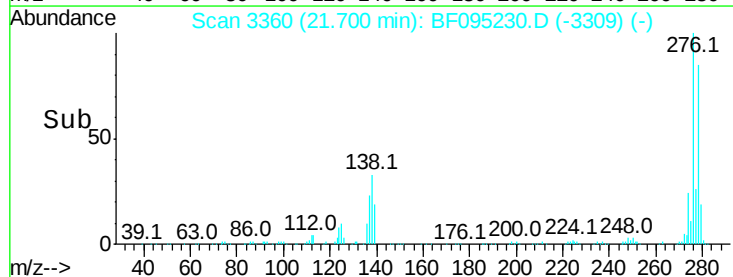
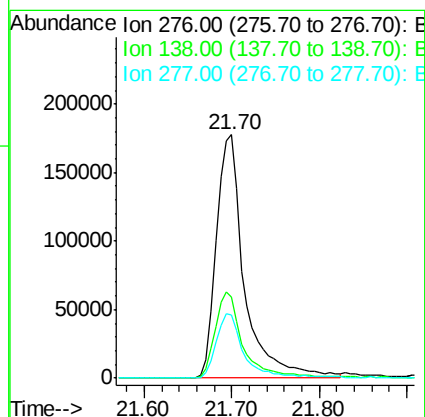
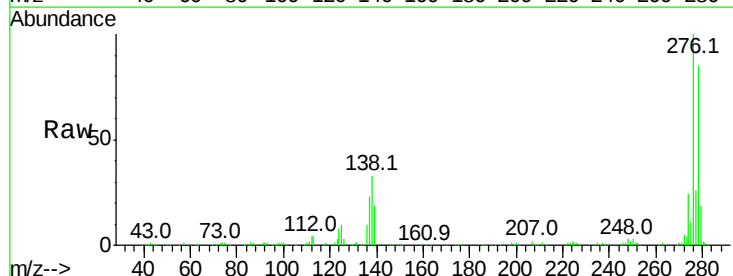
Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

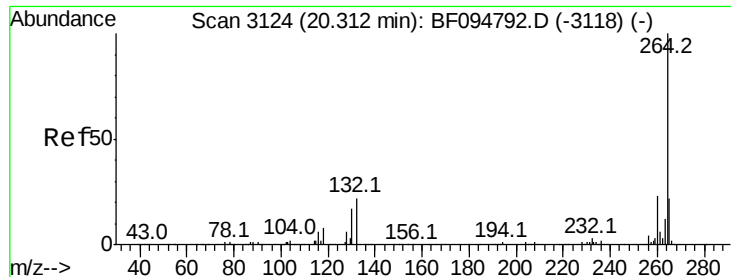
Tot Ion:149 Resp: 700000
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.3 8.5 12.7#



#85
Indeno(1,2,3-cd)pyrene
Concen: 35.70 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:276 Resp: 395901
Ion Ratio Lower Upper
276 100
138 35.2 27.8 41.6
277 26.3 20.2 30.4

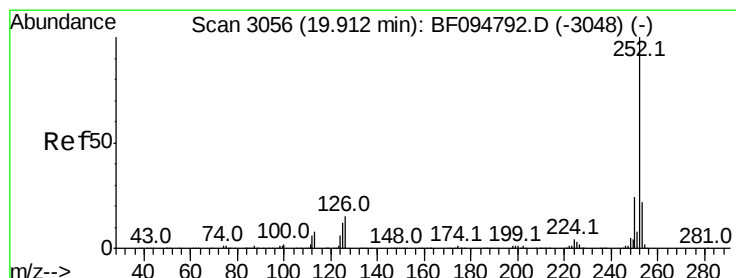
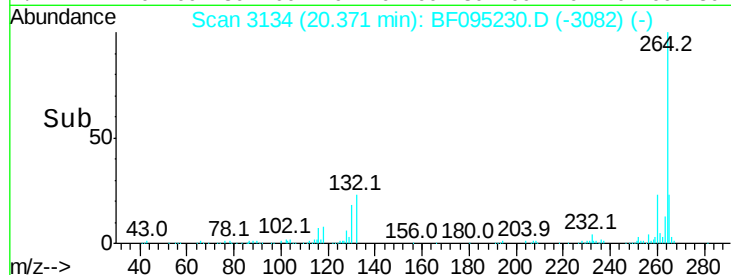
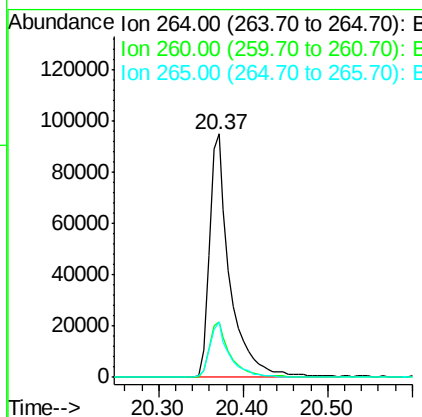
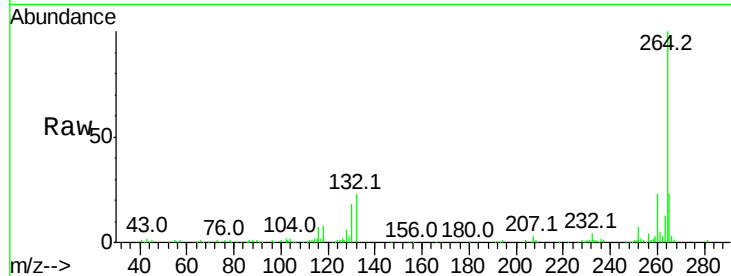




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

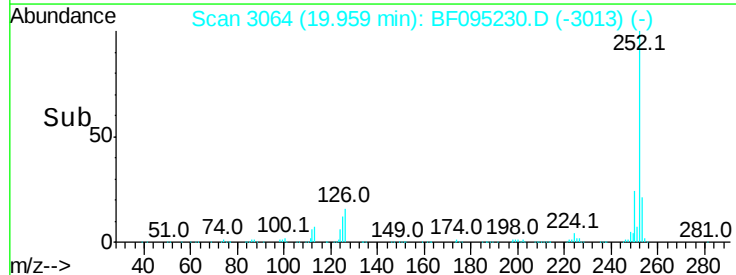
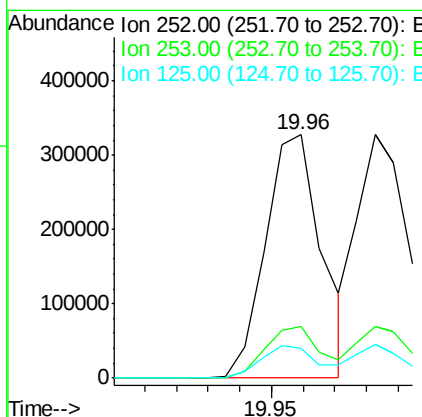
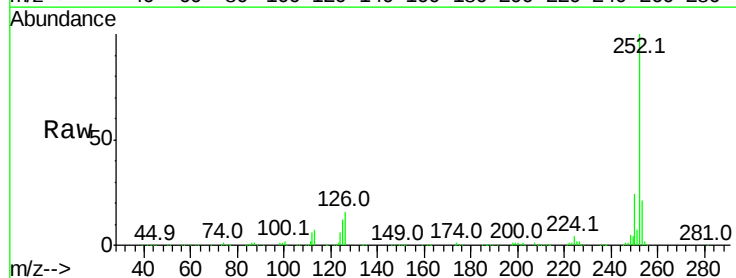
Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

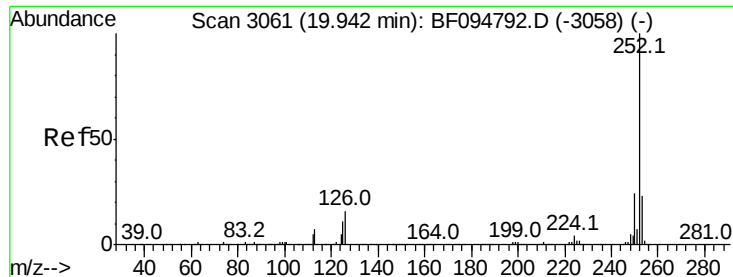
Tot Ion:264 Resp: 161125
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 22.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 40.57 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:252 Resp: 403930
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 12.1 9.8 14.8

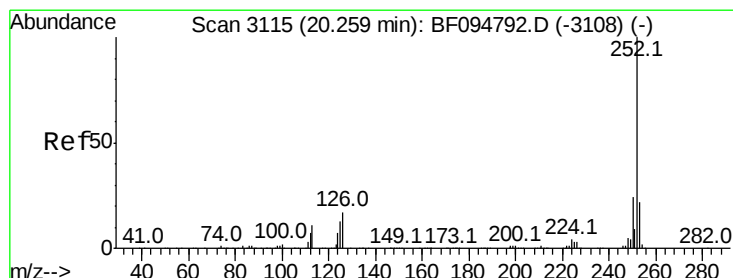
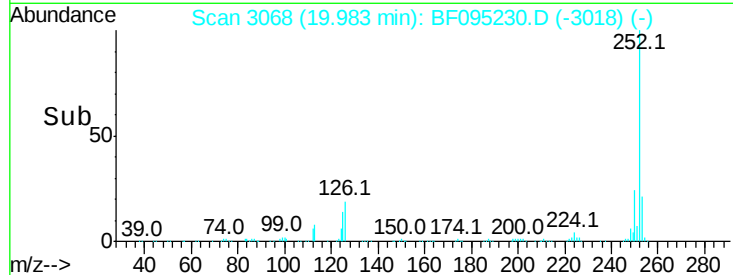
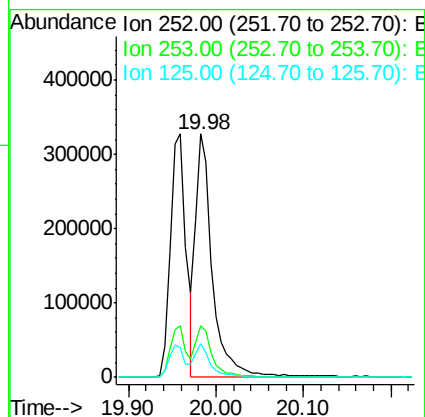
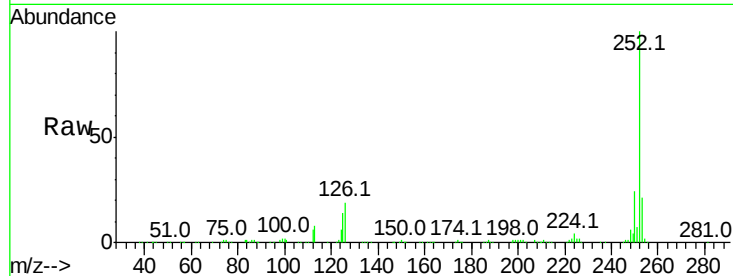




#88
Benzo(k)fluoranthene
Concen: 45.52 ng
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

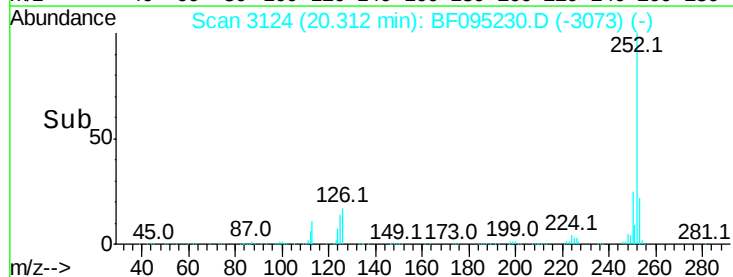
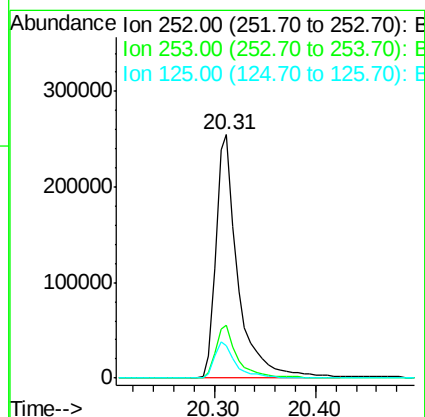
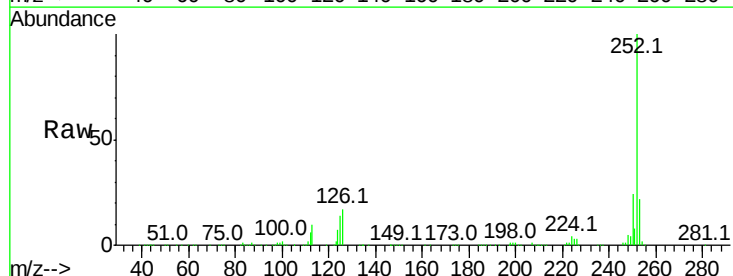
Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

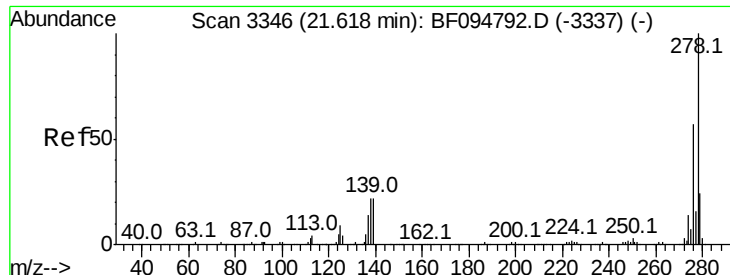
Tot Ion:252 Resp: 437196
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 13.8 13.1 19.7



#89
Benzo(a)pyrene
Concen: 41.25 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:252 Resp: 378940
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 13.5 11.0 16.4

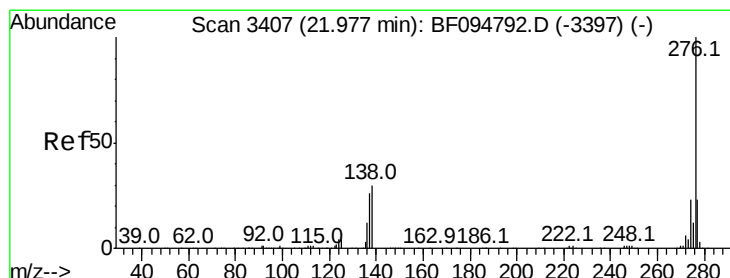
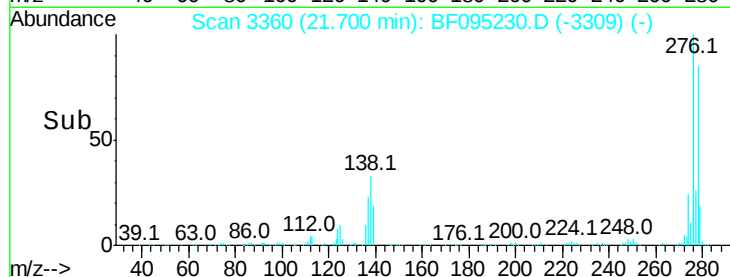
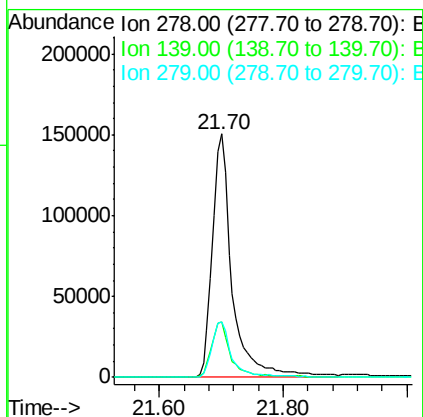
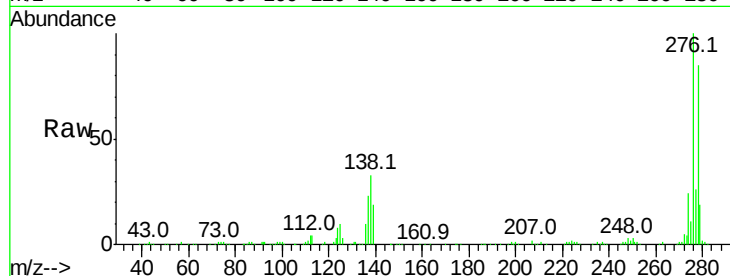




#90
Dibenzo(a,h)anthracene
Concen: 43.91 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Instrument :
BNA_F
ClientSampleId :
TP-25-6MSD

Tot Ion:278 Resp: 333144
Ion Ratio Lower Upper
278 100
139 22.7 16.6 24.8
279 22.6 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 42.47 ng
RT: 22.08 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:276 Resp: 316200
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 29.6 25.4 38.0

