

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095195.D
 Acq On : 17 May 2017 20:38
 Operator : SJ/MA
 Sample : I3186-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:10:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	88150	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	354858	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	152873	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	269271	20.00	ng	0.04
75) Chrysene-d12	18.69	240	218691	20.00	ng	0.04
86) Perylene-d12	20.37	264	160289	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	789282	149.28	ng	0.08
7) Phenol-d6	7.32	99	881491	138.95	ng	0.05
23) Nitrobenzene-d5	8.68	82	513085	91.18	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	201707	161.11	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	1016994	95.75	ng	0.03
78) Terphenyl-d14	17.34	244	848063	85.41	ng	0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	95950	37.00	ng	95
3) Pyridine	3.01	79	122007	20.30	ng	100
4) n-Nitrosodimethylamine	2.93	42	85431	34.10	ng	85
6) Aniline	7.28	93	308351	38.50	ng	95
8) 2-Chlorophenol	7.47	128	294618	48.96	ng	97
9) Benzaldehyde	7.11	77	98044	25.31	ng	98
10) Phenol	7.34	94	313602	46.91	ng	89
11) bis(2-Chloroethyl)ether	7.41	93	248039	44.94	ng	96
12) 1,3-Dichlorobenzene	7.68	146	314702	46.10	ng	96
13) 1,4-Dichlorobenzene	7.80	146	323193	46.68	ng	97
14) 1,2-Dichlorobenzene	8.04	146	302532	46.82	ng	96
15) Benzyl Alcohol	8.06	79	223580	54.79	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	303343	38.83	ng	59
17) 2-Methylphenol	8.27	107	214025	43.46	ng	# 91
18) Hexachloroethane	8.55	117	96289	41.06	ng	# 83
19) n-Nitroso-di-n-propylamine	8.48	70	183270	42.72	ng	96
20) 3+4-Methylphenols	8.52	107	284480	42.51	ng	# 58
22) Acetophenone	8.45	105	375563	44.11	ng	# 85
24) Nitrobenzene	8.71	77	256571	43.50	ng	93
25) Isophorone	9.11	82	469524	46.73	ng	# 94
26) 2-Nitrophenol	9.21	139	152735	47.99	ng	97
27) 2,4-Dimethylphenol	9.34	122	233640	45.40	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	305423	43.94	ng	98
29) 2,4-Dichlorophenol	9.63	162	232321	47.81	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	236961	45.52	ng	99
31) Naphthalene	9.82	128	810782	45.46	ng	99
32) Benzoic acid	9.64	122	6952	6.92	ng	# 77
33) 4-Chloroaniline	9.98	127	93335	14.04	ng	# 93
34) Hexachlorobutadiene	10.04	225	120910	44.02	ng	98
35) Caprolactam	10.60	113	34215	23.45	ng	86
36) 4-Chloro-3-methylphenol	10.82	107	234931	45.22	ng	89
37) 2-Methylnaphthalene	10.95	142	530971	45.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	224075	47.66	ng	99
40) Hexachlorocyclopentadiene	11.20	237	144368	73.57	ng	99

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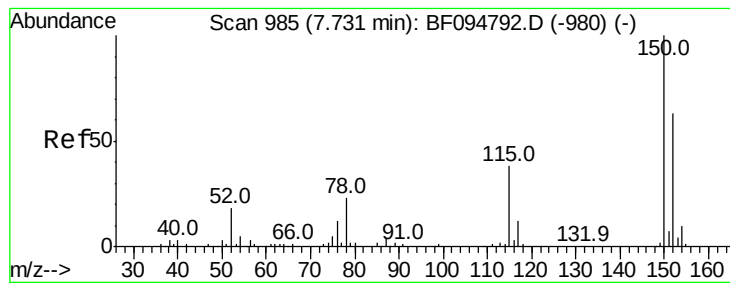
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:10:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.45	196	163589	52.12	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	155668	46.14	nq	94
45) 1,1'-Biphenyl	11.71	154	574899	44.67	nq	98
46) 2-Chloronaphthalene	11.73	162	459771	44.24	nq	96
47) 2-Nitroaniline	11.95	65	127792	44.93	nq	# 81
48) Acenaphthylene	12.39	152	744861	45.76	nq	98
49) Dimethylphthalate	12.27	163	710478	56.61	nq	98
50) 2,6-Dinitrotoluene	12.36	165	123515	48.24	nq	97
51) Acenaphthene	12.68	154	434478	44.69	nq	99
52) 3-Nitroaniline	12.64	138	75744	27.56	nq	84
53) 2,4-Dinitrophenol	12.84	184	90817	65.62	nq	# 67
54) Dibenzofuran	12.96	168	722798	53.72	nq	98
55) 4-Nitrophenol	13.02	139	152373	92.32	nq	# 75
56) 2,4-Dinitrotoluene	13.03	165	183111	55.66	nq	# 93
57) Fluorene	13.52	166	585283	50.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	129408	60.95	nq	# 89
59) Diethylphthalate	13.41	149	573642	47.69	nq	100
60) 4-Chlorophenyl-phenylether	13.54	204	251831	48.98	nq	92
61) 4-Nitroaniline	13.64	138	115026	45.59	nq	95
62) Azobenzene	13.79	77	552393	57.15	nq	95
64) 4,6-Dinitro-2-methylphenol	13.69	198	91068	50.45	nq	# 69
65) n-Nitrosodiphenylamine	13.75	169	514457	52.64	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	128482	45.16	nq	98
67) Hexachlorobenzene	14.41	284	127129	43.60	nq	# 88
68) Atrazine	14.67	200	133138	48.25	nq	97
69) Pentachlorophenol	14.77	266	98442	75.07	nq	100
70) Phenanthrene	15.07	178	714690	46.19	nq	98
71) Anthracene	15.15	178	765801	48.46	nq	98
72) Carbazole	15.42	167	705746	49.08	nq	97
73) Di-n-butylphthalate	15.99	149	812878	45.33	nq	98
74) Fluoranthene	16.80	202	763081	48.08	nq	99
76) Benzidine	17.02	184	191141	34.47	nq	# 92
77) Pyrene	17.11	202	780644	47.73	nq	99
79) Butylbenzylphthalate	18.00	149	342378	45.00	nq	88
80) Benzo(a)anthracene	18.68	228	581654	45.70	nq	98
81) 3,3'-Dichlorobenzidine	18.66	252	113931	25.92	nq	# 95
82) Chrysene	18.72	228	563595	45.80	nq	98
83) Bis(2-ethylhexyl)phthalate	18.74	149	468540	43.23	nq	# 100
84) Di-n-octyl phthalate	19.51	149	726761	40.90	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	434765	43.50	nq	99
87) Benzo(b)fluoranthene	19.96	252	451304	45.57	nq	98
88) Benzo(k)fluoranthene	19.98	252	473210	49.53	nq	96
89) Benzo(a)pyrene	20.31	252	427119	46.73	nq	97
90) Dibenzo(a,h)anthracene	21.70	278	352559	46.71	nq	97
91) Benzo(g,h,i)perylene	22.08	276	371137	50.11	nq	98

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

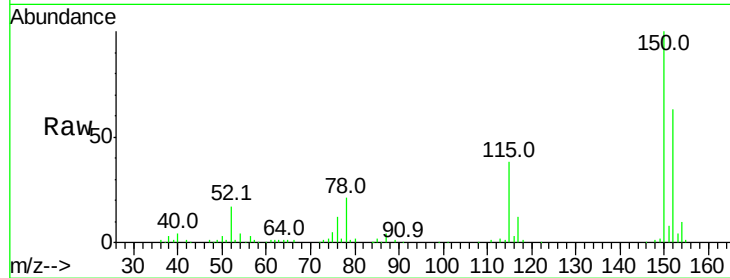


#1

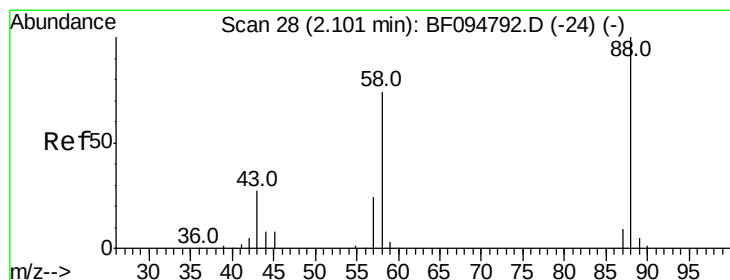
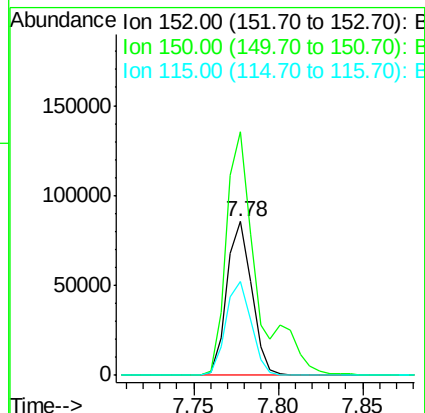
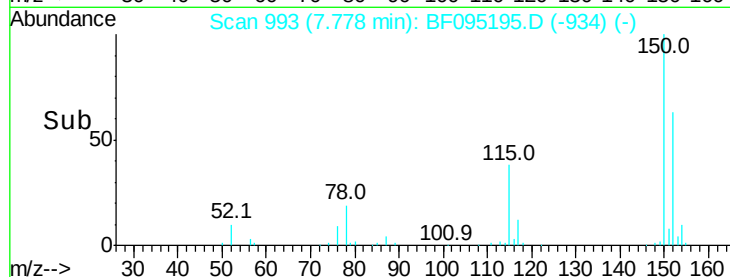
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88150
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 60.8 52.2 78.2



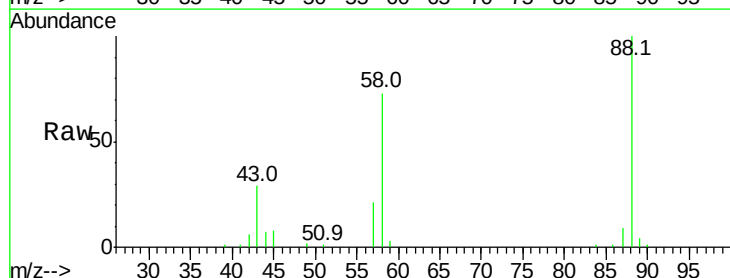
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



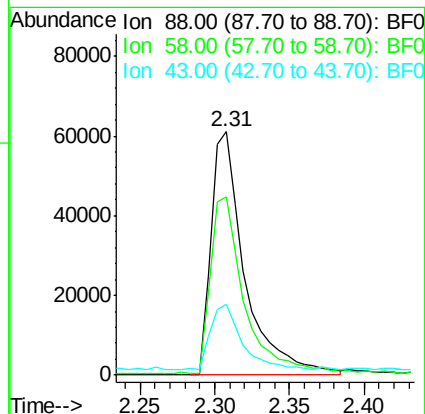
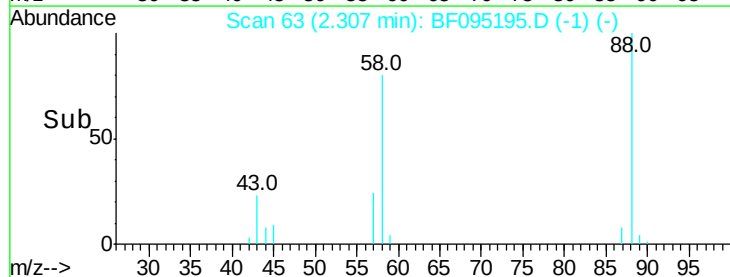
#2

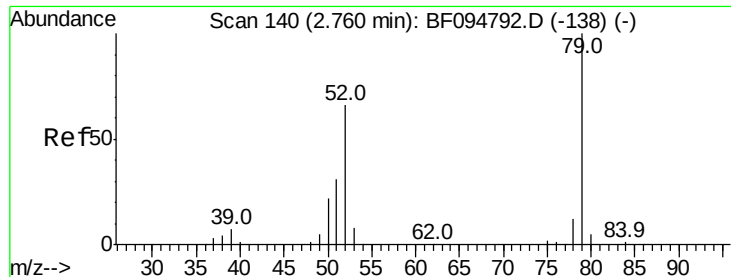
1,4-Dioxane
Concen: 37.00 ng
RT: 2.31 min Scan# 63
Delta R.T. 0.21 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

Tgt Ion: 88 Resp: 95950
Ion Ratio Lower Upper
88 100
58 72.8 61.4 92.0
43 25.6 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: 20.30 ng

RT: 3.01 min Scan# 182

Delta R.T. 0.25 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

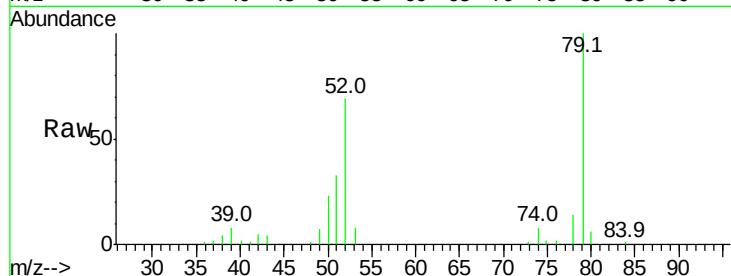
Tot Ion: 79 Resp: 122007

Ion Ratio Lower Upper

79 100

52 68.5 54.8 82.2

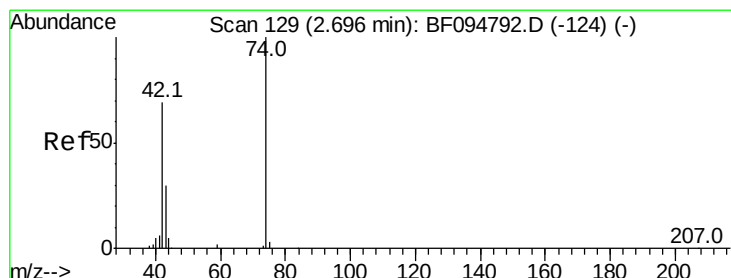
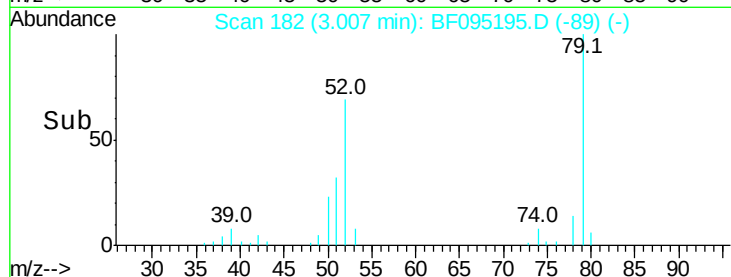
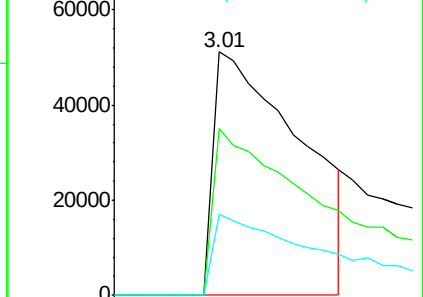
51 33.1 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.10 ng

RT: 2.93 min Scan# 169

Delta R.T. 0.24 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

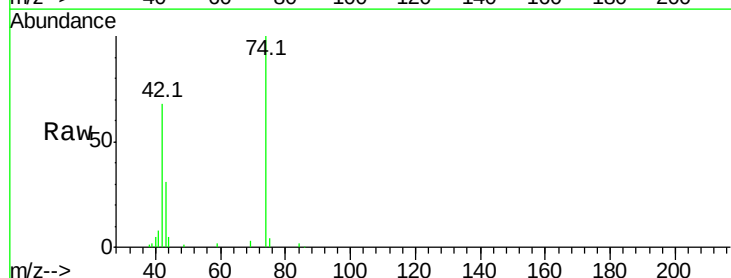
Tgt Ion: 42 Resp: 85431

Ion Ratio Lower Upper

42 100

74 148.1 103.9 155.9

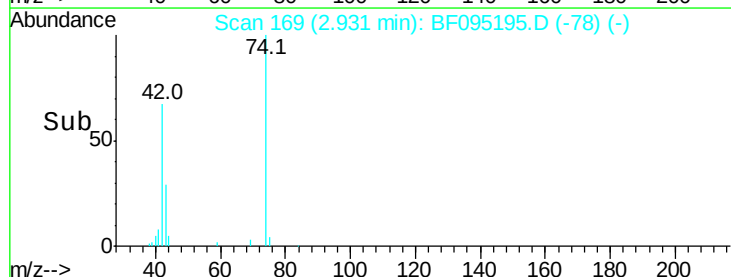
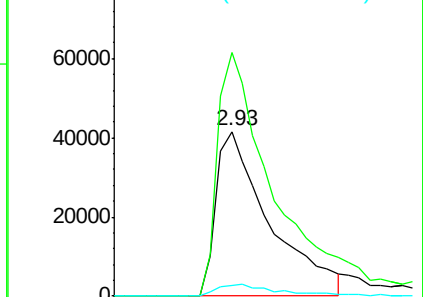
44 6.8 5.7 8.5

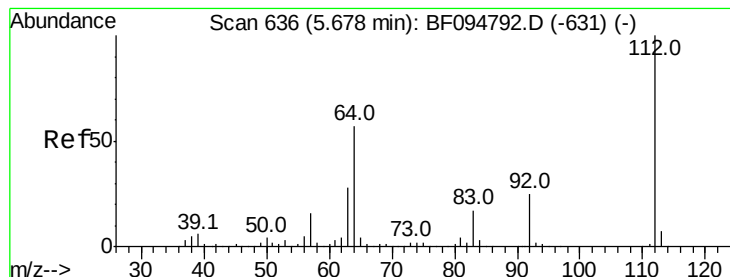


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 149.28 ng

RT: 5.75 min Scan# 649

Delta R.T. 0.08 min

Lab File: BF095195.D

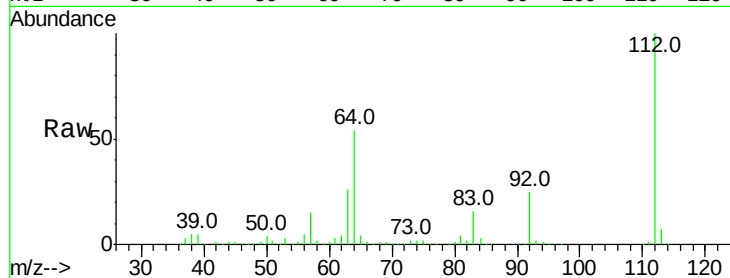
Acq: 17 May 2017 20:38

Instrument :

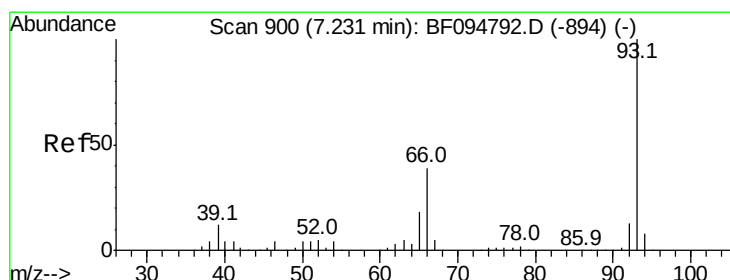
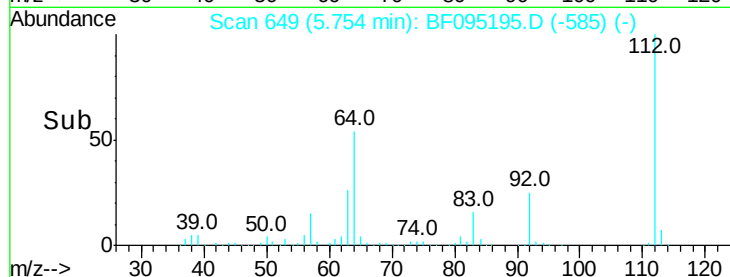
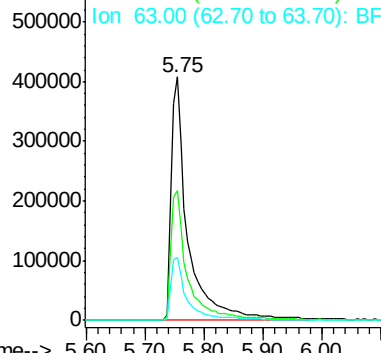
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	789282
Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.0	69.0
63	26.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 38.50 ng

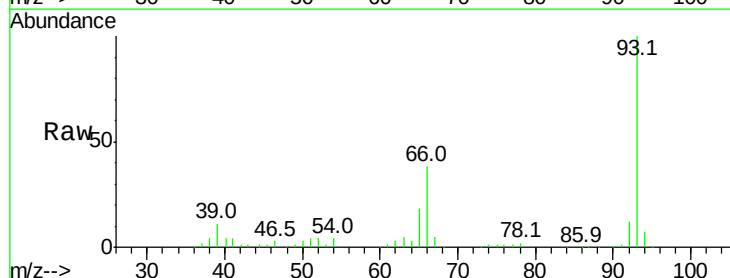
RT: 7.28 min Scan# 909

Delta R.T. 0.05 min

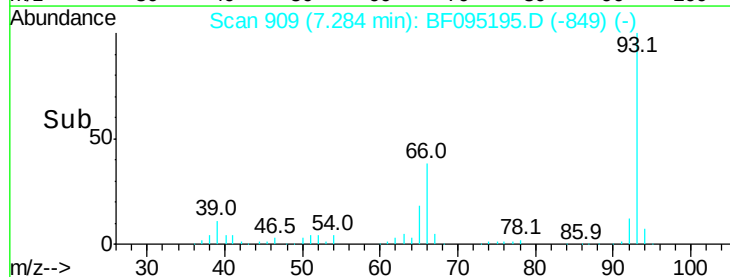
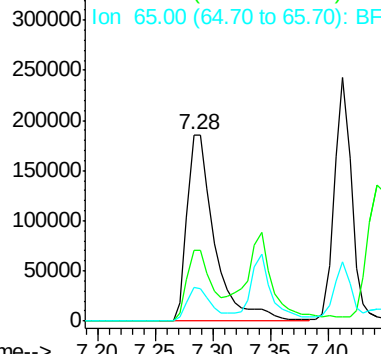
Lab File: BF095195.D

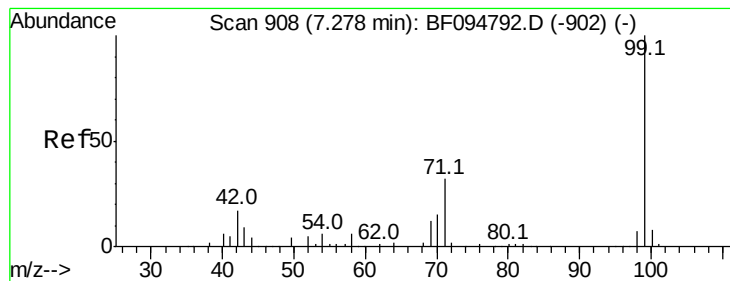
Acq: 17 May 2017 20:38

Tgt Ion:	93	Resp:	308351
Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.9	49.3
65	17.9	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 138.95 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

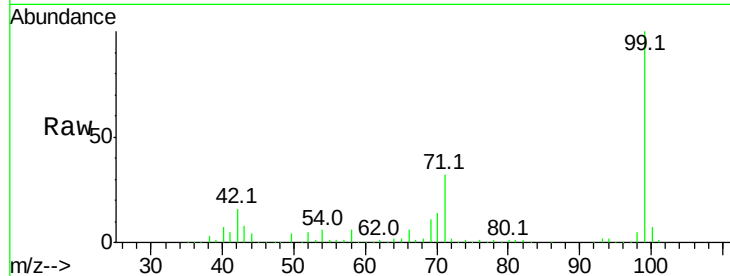
Tot Ion: 99 Resp: 881491

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

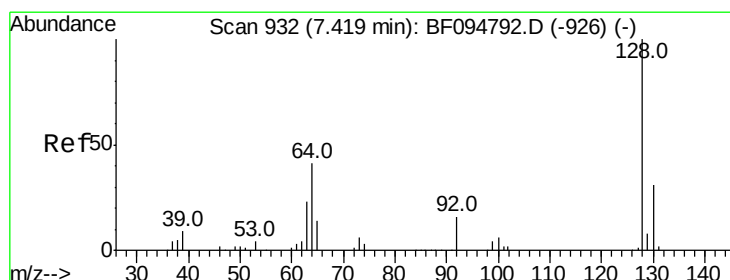
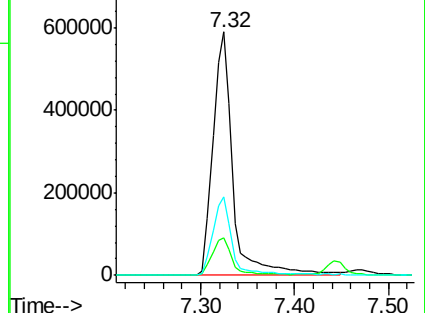
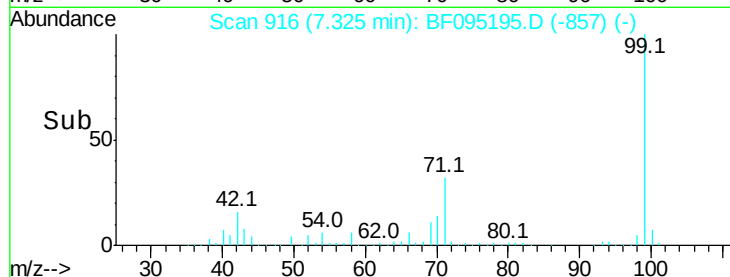
71 32.2 24.5 36.7



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: 48.96 ng

RT: 7.47 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

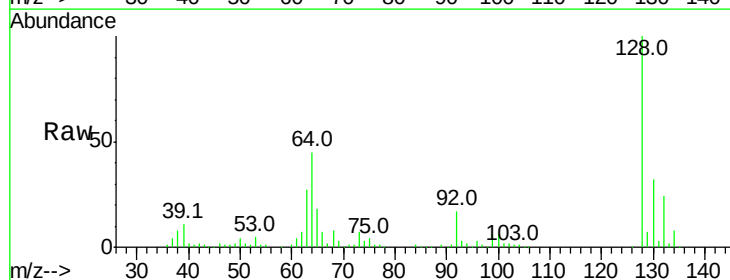
Tgt Ion:128 Resp: 294618

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

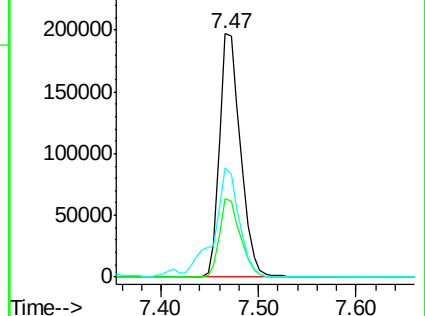
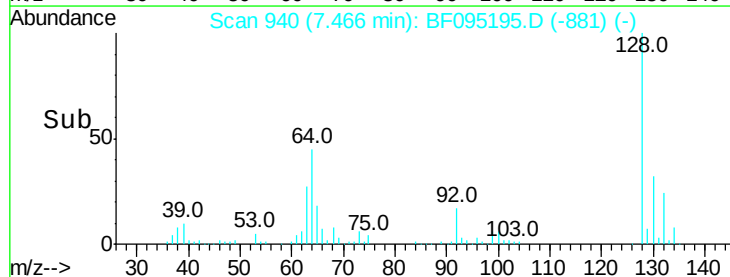
64 45.1 28.4 68.4

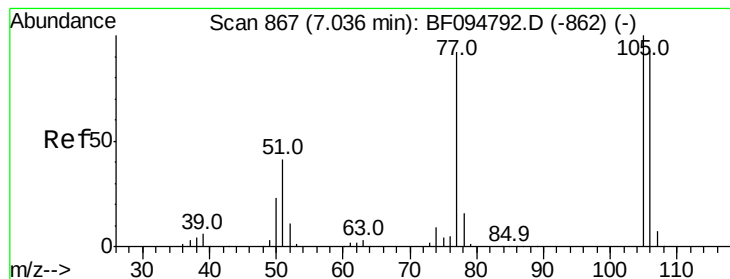


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.31 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampled :

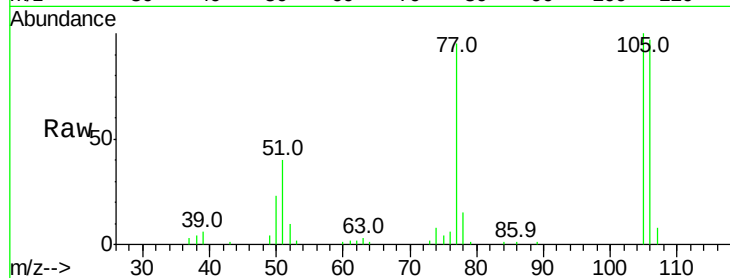
Tot Ion: 77 Resp: 98044

Ion Ratio Lower Upper

77 100

105 105.7 83.8 123.8

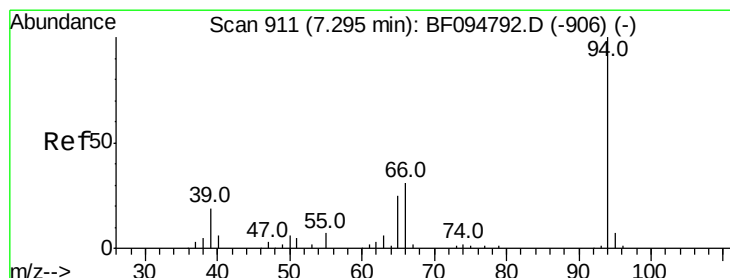
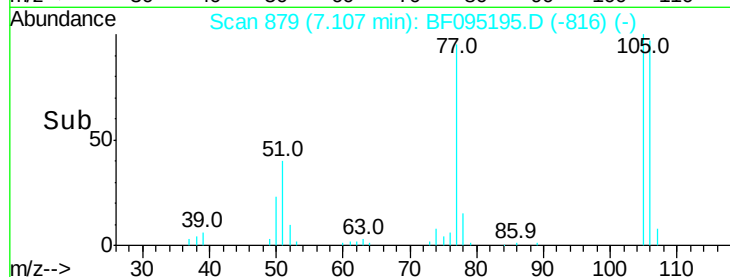
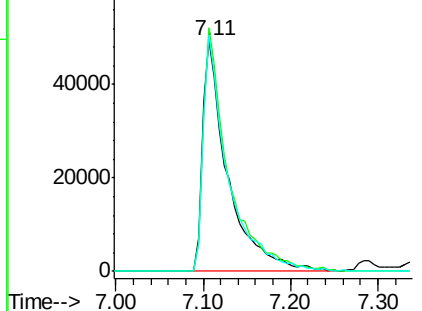
106 102.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 46.91 ng

RT: 7.34 min Scan# 919

Delta R.T. 0.05 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

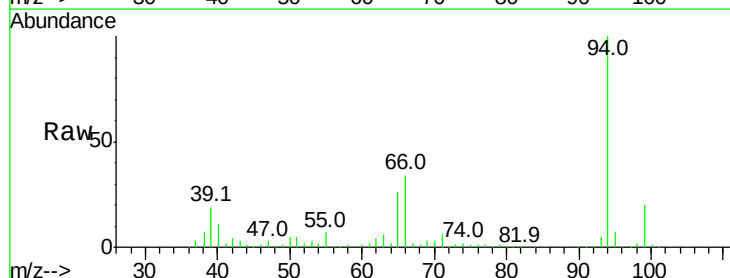
Tgt Ion: 94 Resp: 313602

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

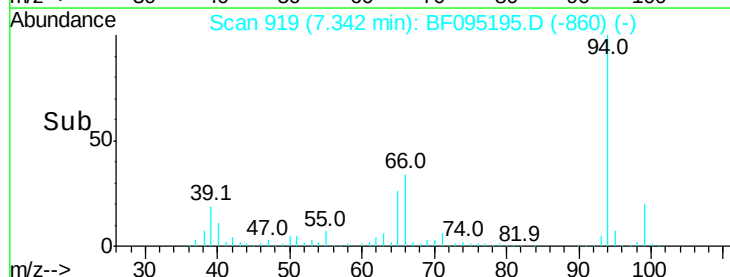
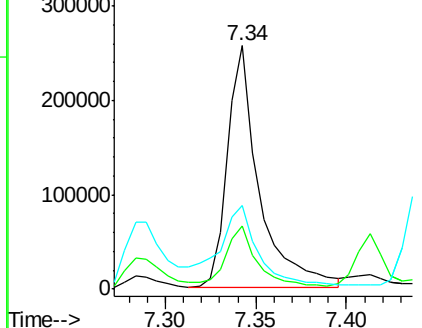
66 34.4 23.1 63.1

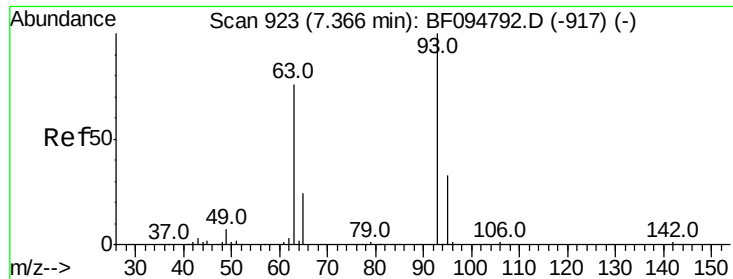


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

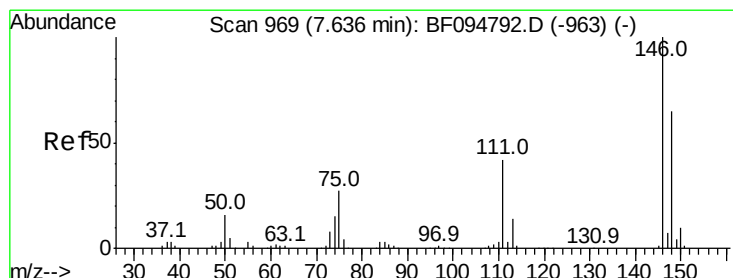
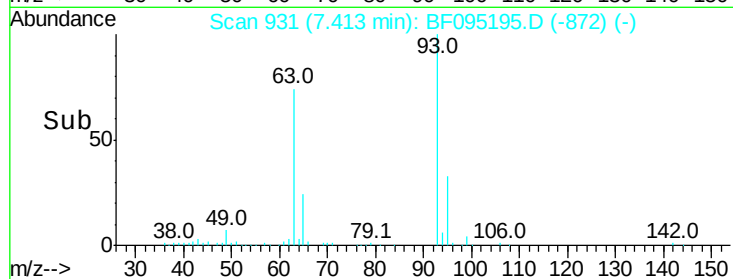
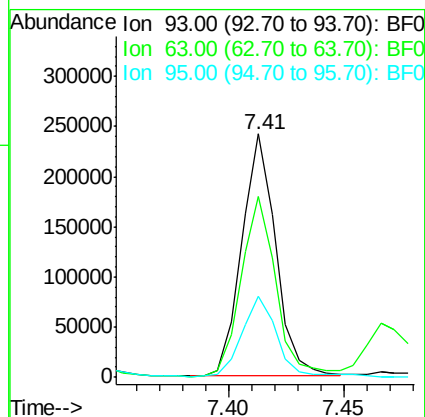
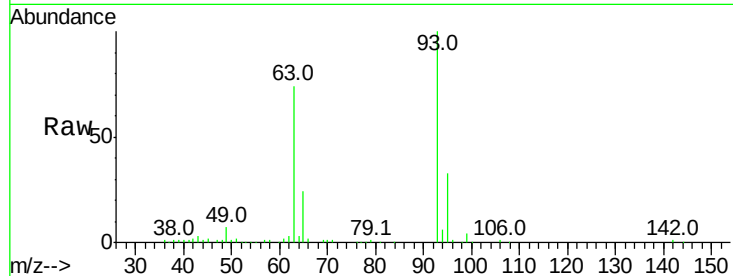




#11
 bis(2-Chloroethyl)ether
 Concen: 44.94 ng
 RT: 7.41 min Scan# 931
 Delta R.T. 0.05 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

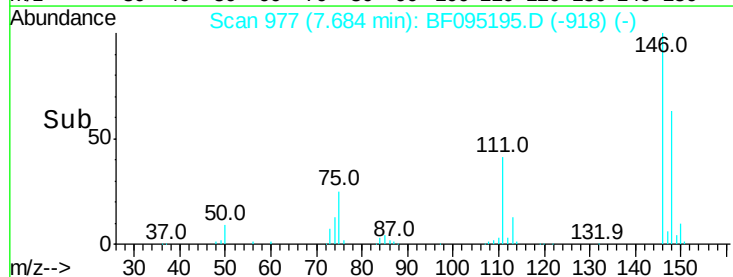
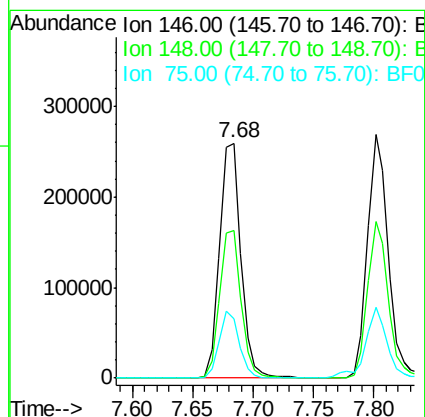
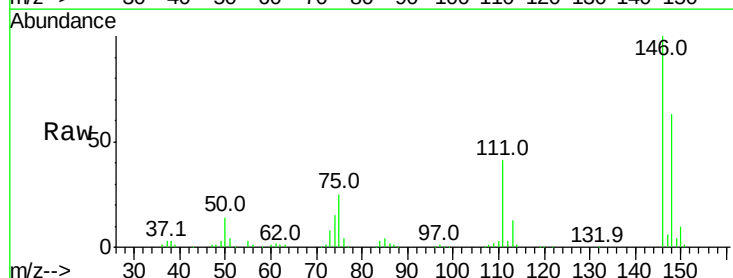
Instrument :
 BNA_F
 ClientSampled :

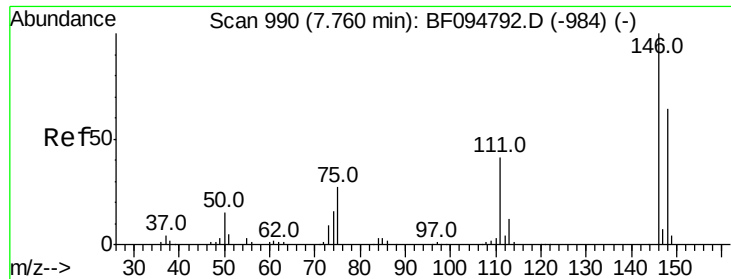
Tot Ion: 93 Resp: 248039
 Ion Ratio Lower Upper
 93 100
 63 74.1 59.2 99.2
 95 33.1 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 46.10 ng
 RT: 7.68 min Scan# 977
 Delta R.T. 0.05 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion: 146 Resp: 314702
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.8 77.6
 75 25.5 23.1 34.7

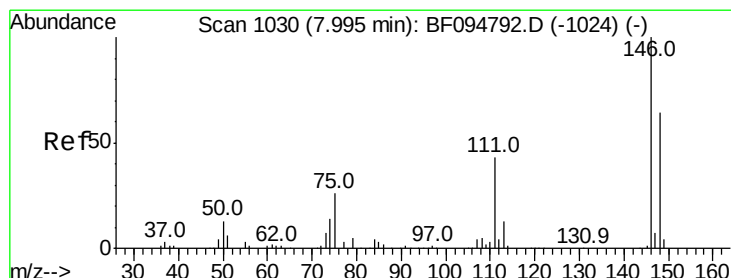
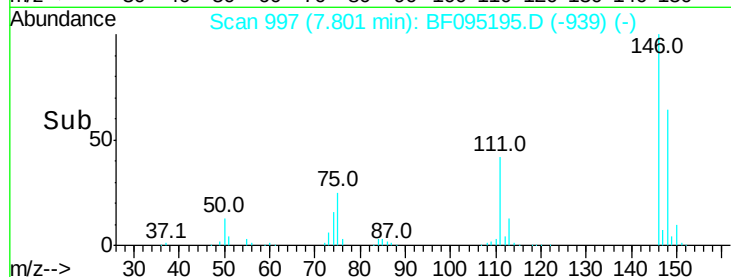
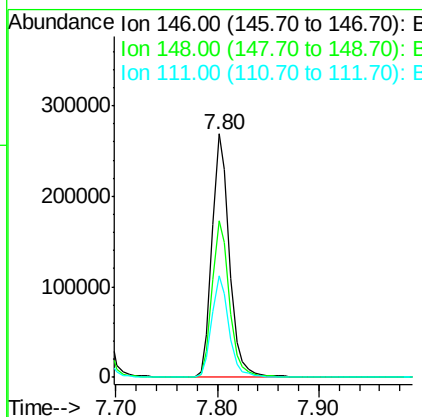
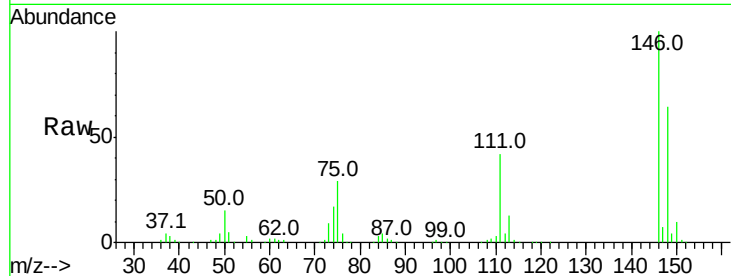




#13
 1,4-Dichlorobenzene
 Concen: 46.68 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

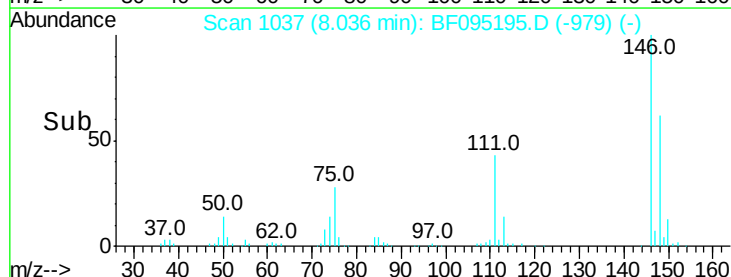
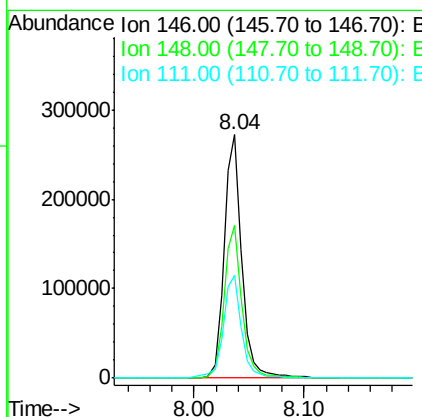
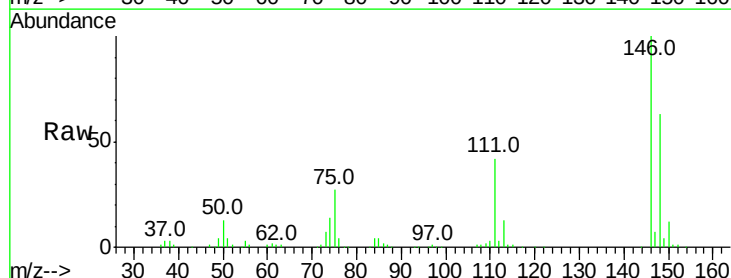
Instrument :
 BNA_F
 ClientSampleId :

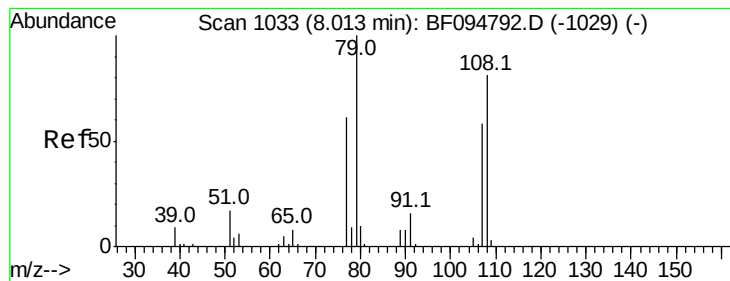
Tot Ion:146 Resp: 323193
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 41.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 46.82 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:146 Resp: 302532
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 42.0 38.2 57.4





#15

Benzyl Alcohol

Concen: 54.79 ng

RT: 8.06 min Scan# 1041

Delta R.T. 0.05 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

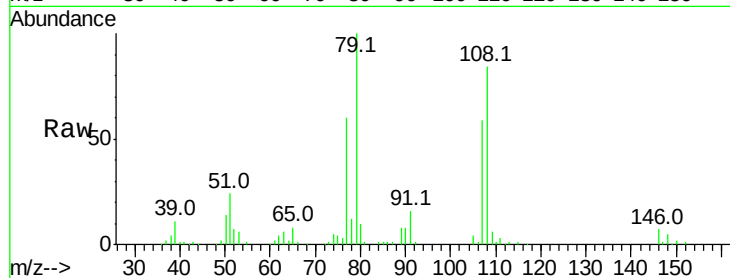
Tot Ion: 79 Resp: 223580

Ion Ratio Lower Upper

79 100

108 83.7 63.4 95.0

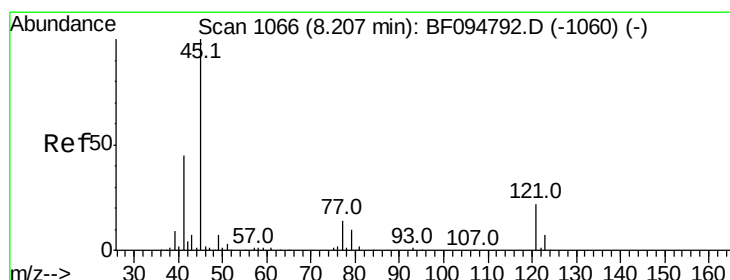
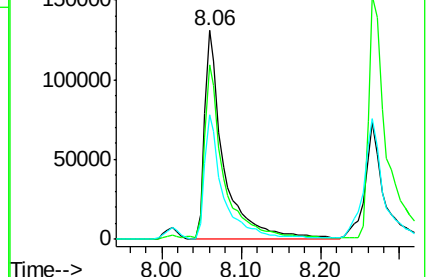
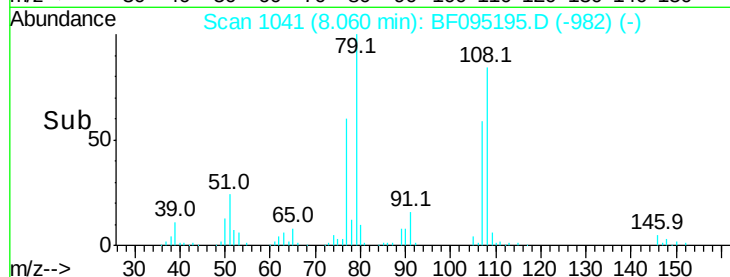
77 59.8 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.83 ng

RT: 8.26 min Scan# 1075

Delta R.T. 0.05 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

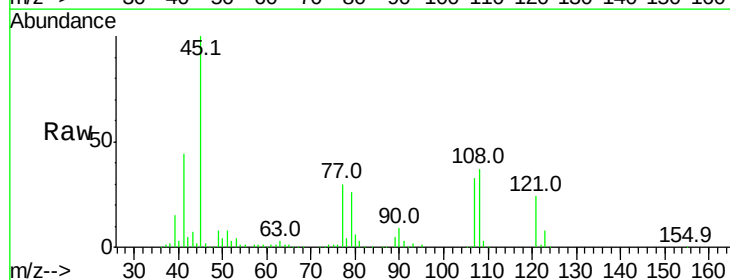
Tgt Ion: 45 Resp: 303343

Ion Ratio Lower Upper

45 100

77 29.6 0.0 33.2

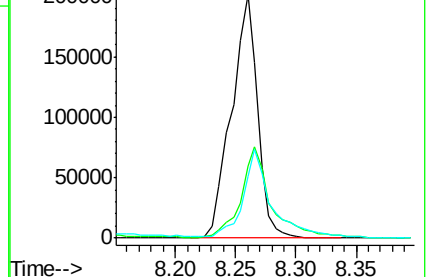
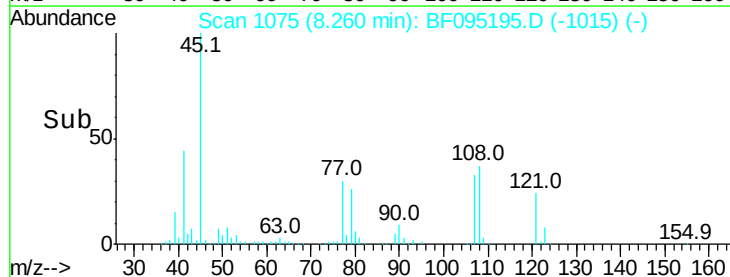
79 25.6 0.0 30.0

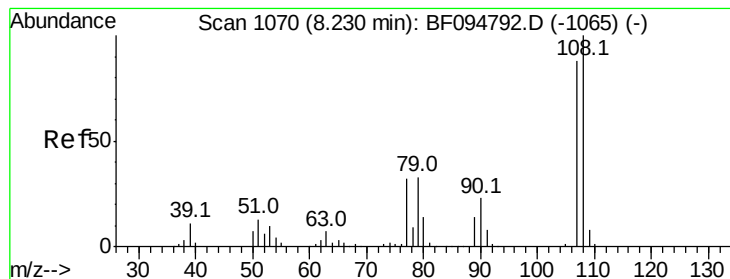


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

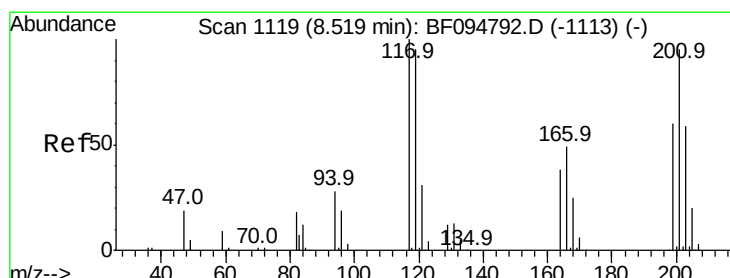
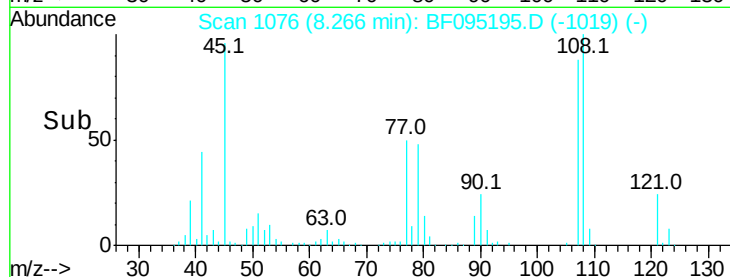
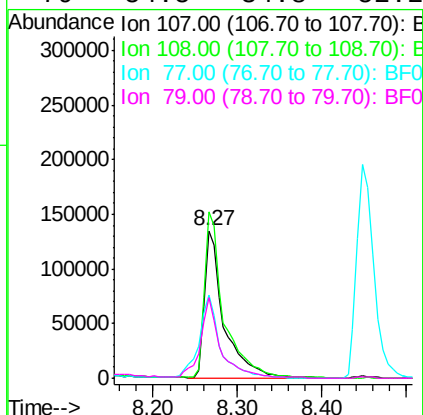
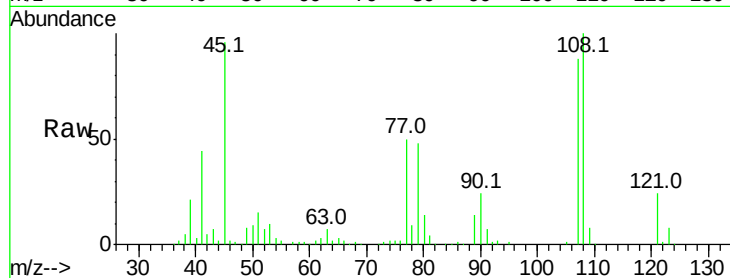




#17
 2-Methylphenol
 Concen: 43.46 ng
 RT: 8.27 min Scan# 1076
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

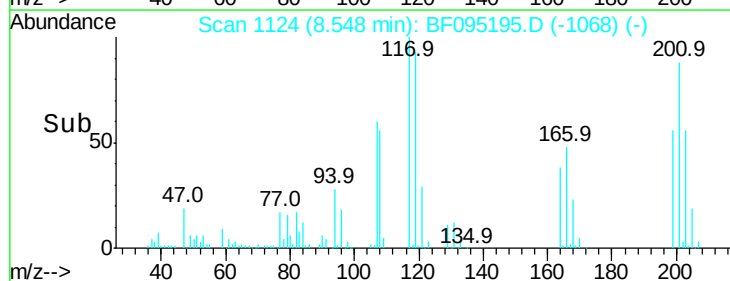
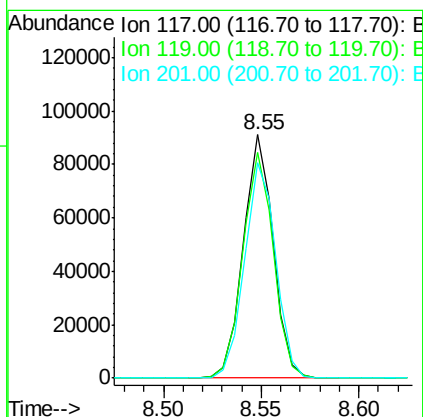
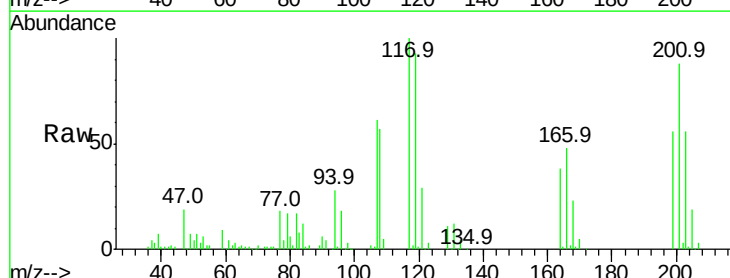
Instrument :
 BNA_F
 ClientSampleId :

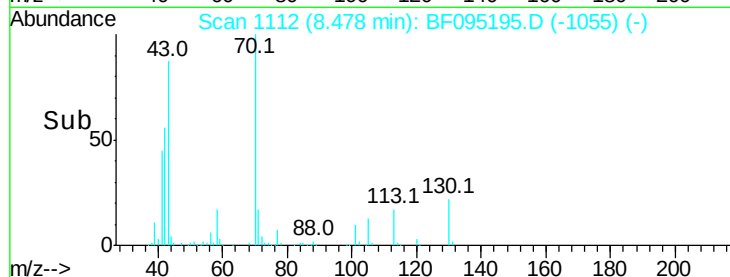
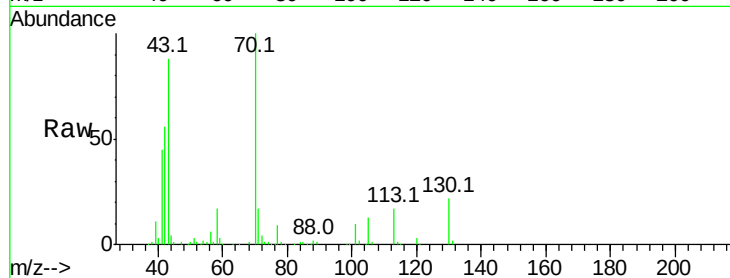
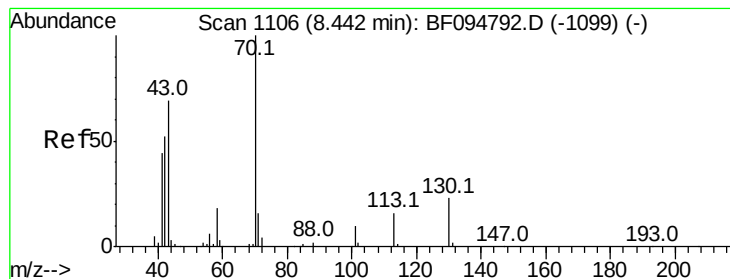
Tot Ion:	107	Resp:	214025
Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.4	140.0
77	56.1	35.8	53.6#
79	54.5	34.8	52.2#



#18
 Hexachloroethane
 Concen: 41.06 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.03 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:	117	Resp:	96289
Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.4	116.0
201	88.4	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.72 ng

RT: 8.48 min Scan# 1112

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 183270

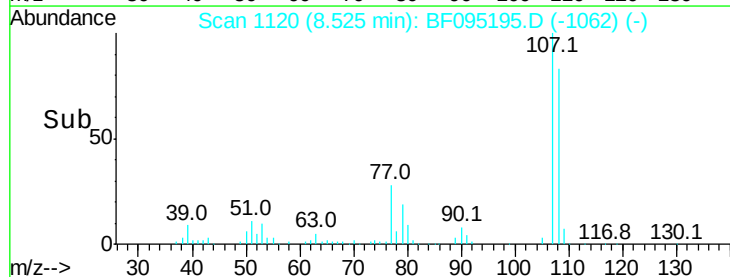
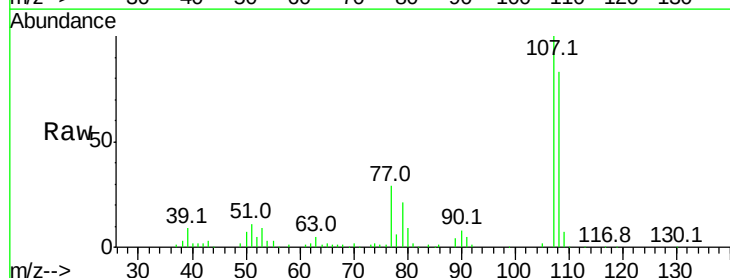
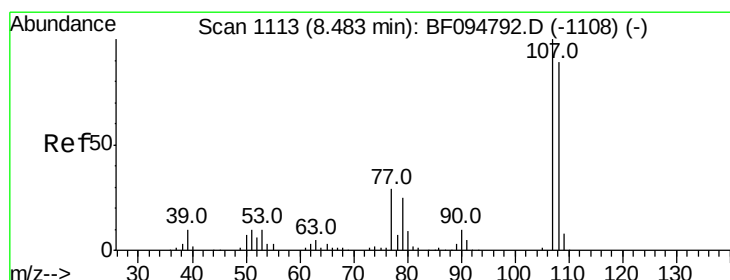
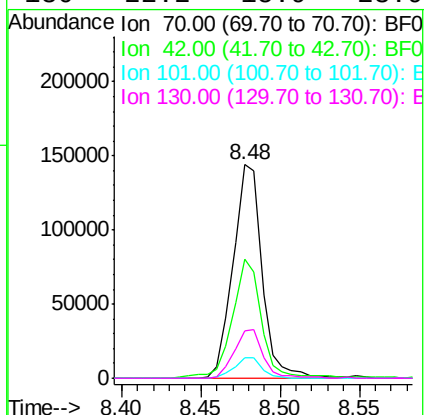
Ion Ratio Lower Upper

70 100

42 55.6 47.2 70.8

101 9.8 7.2 10.8

130 22.2 15.9 23.9



#20

3+4-Methylphenols

Concen: 42.51 ng

RT: 8.52 min Scan# 1120

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Tgt Ion: 107 Resp: 284480

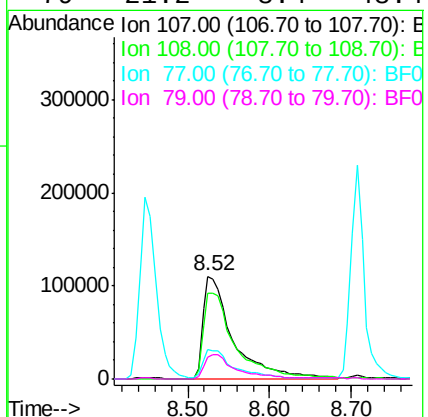
Ion Ratio Lower Upper

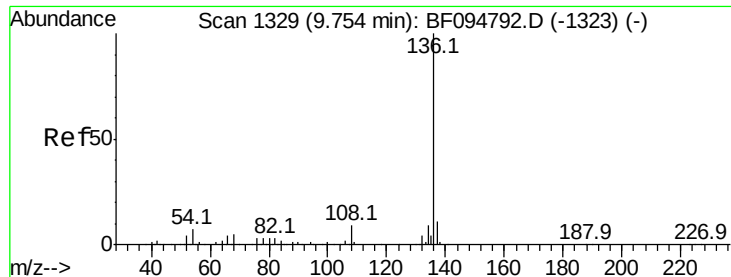
107 100

108 83.3 71.0 111.0

77 28.7 90.5 130.5#

79 21.2 8.4 48.4

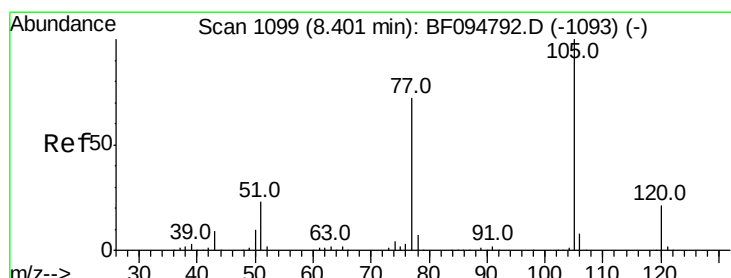
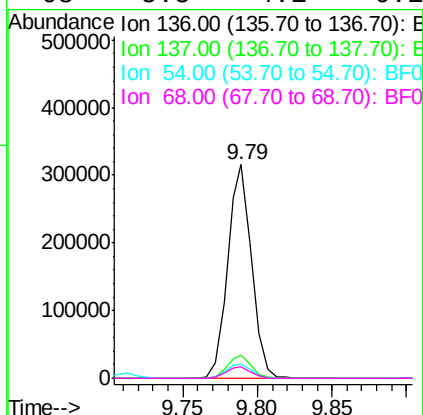
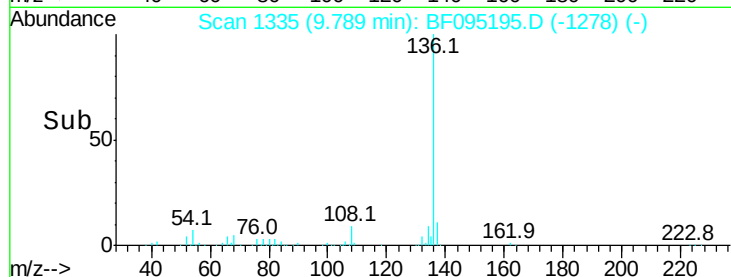
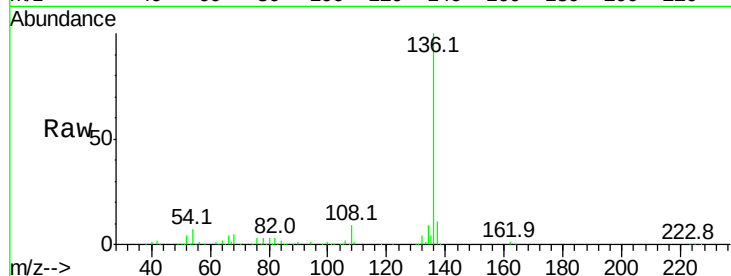




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

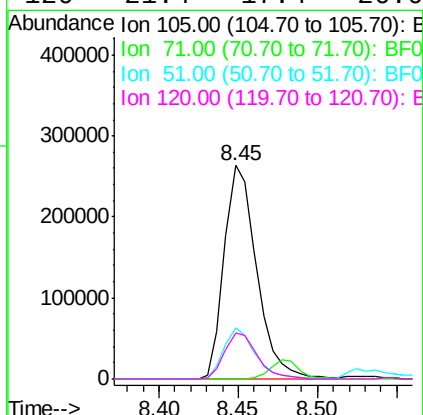
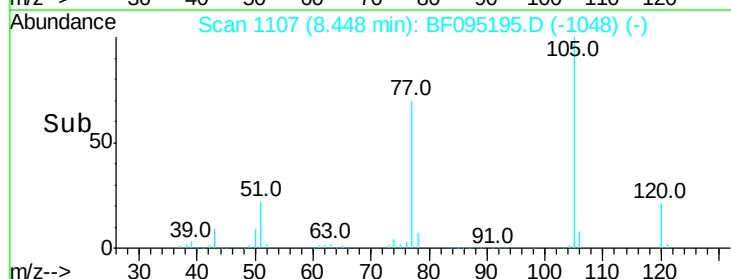
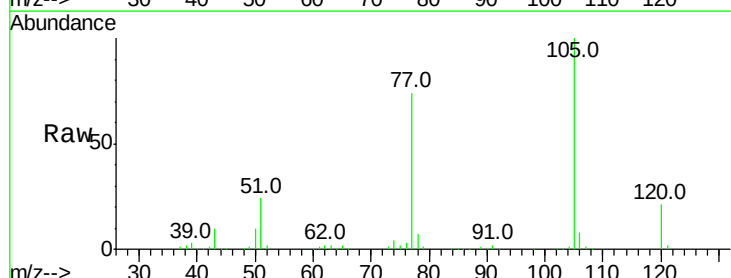
Instrument :
BNA_F
ClientSampleId :

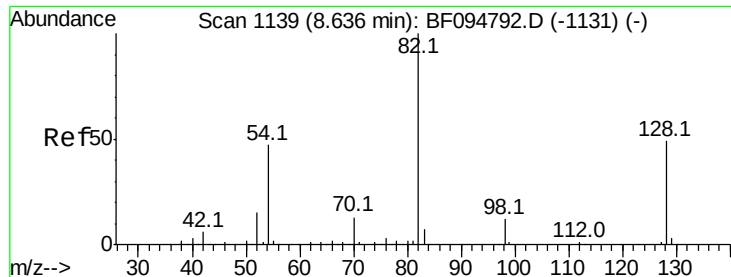
Tot Ion:136	Resp:	354858
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	6.6	4.9 7.3
68	5.5	4.1 6.1



#22
Acetophenone
Concen: 44.11 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.05 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

Tgt Ion:105	Resp:	375563
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	23.8	30.7 46.1#
120	21.4	17.4 26.0

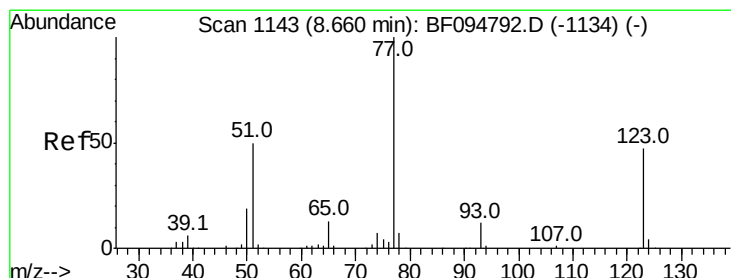
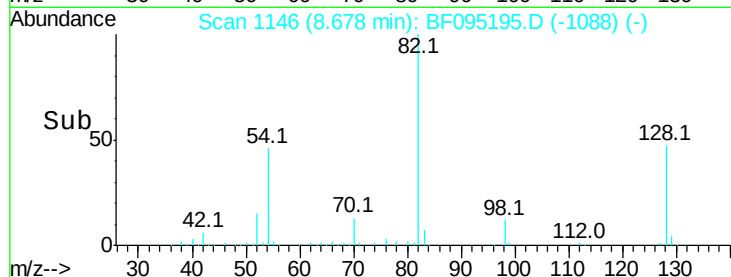
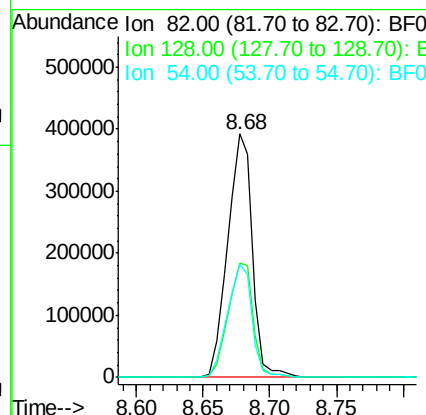
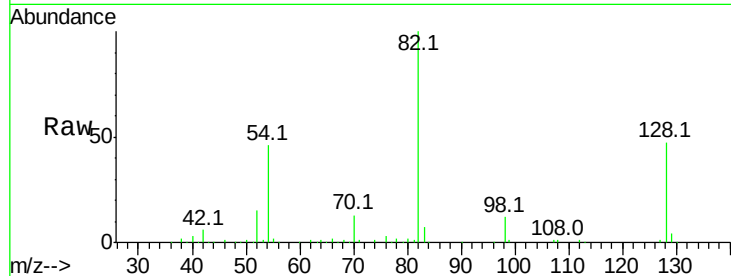




#23
 Nitrobenzene-d5
 Concen: 91.18 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

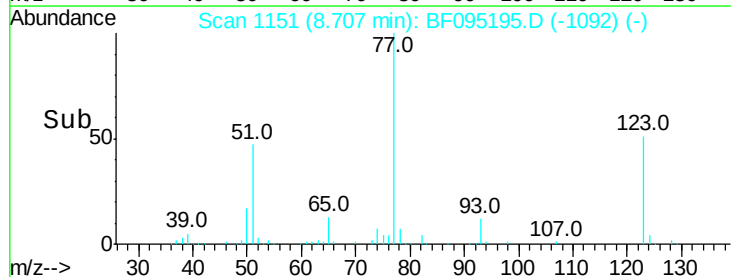
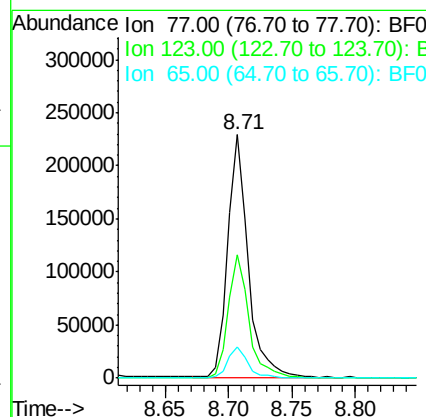
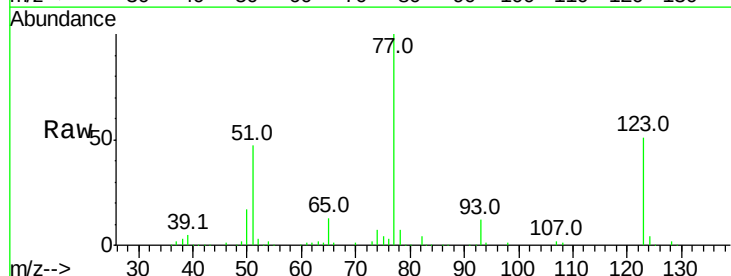
Instrument :
 BNA_F
 ClientSampleId :

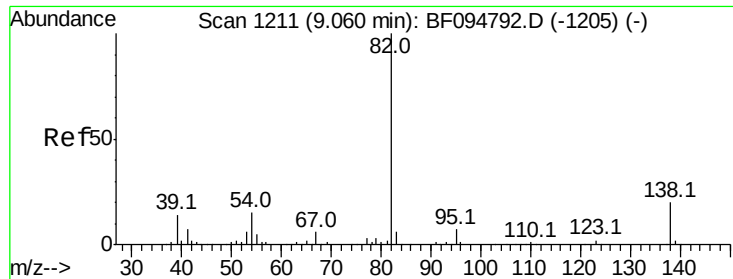
Tot Ion	82	Resp	513085
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	46.5	42.2	63.2



#24
 Nitrobenzene
 Concen: 43.50 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion	77	Resp	256571
Ion	Ratio	Lower	Upper
77	100		
123	50.5	35.8	53.8
65	12.8	10.6	15.8

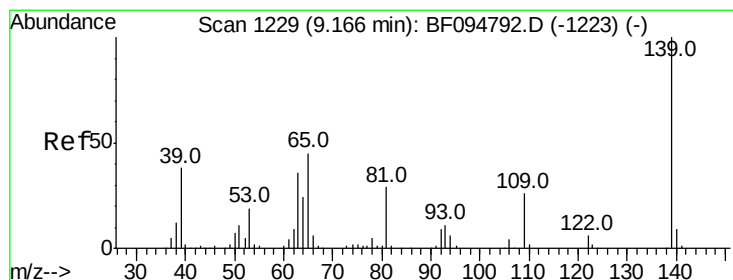
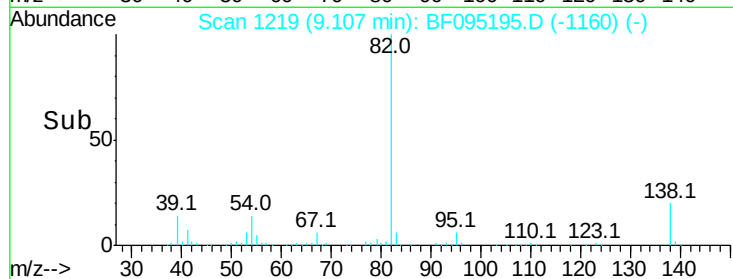
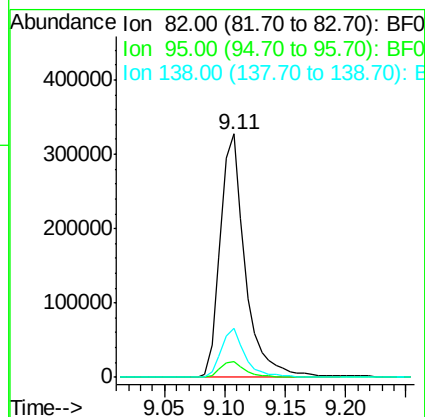
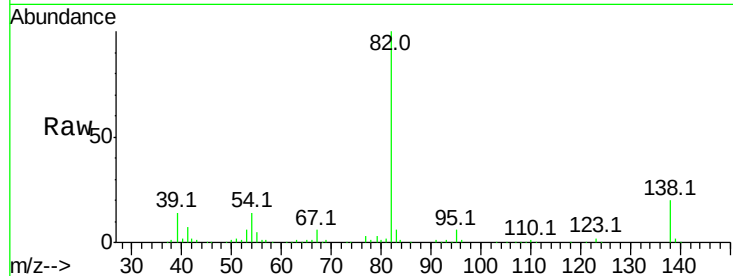




#25
Isophorone
Concen: 46.73 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.05 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

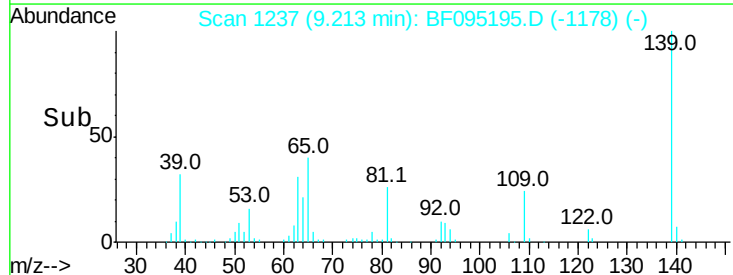
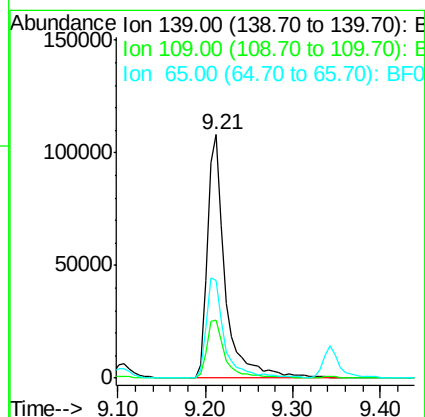
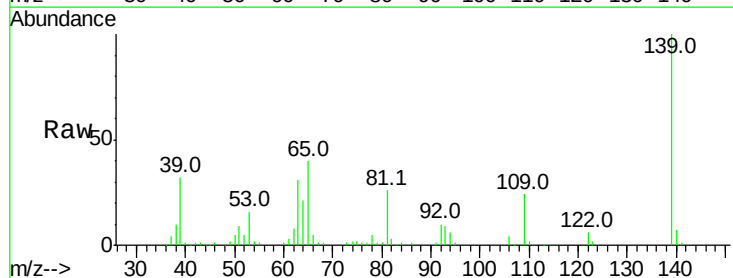
Instrument :
BNA_F
ClientSampled :

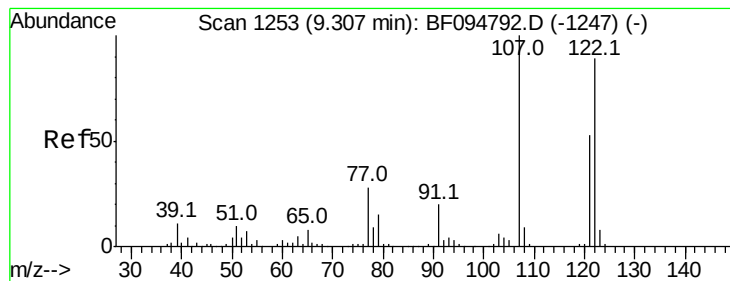
Tot Ion: 82 Resp: 469524
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 19.9 13.1 19.7#



#26
2-Nitrophenol
Concen: 47.99 ng
RT: 9.21 min Scan# 1237
Delta R.T. 0.05 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

Tgt Ion:139 Resp: 152735
Ion Ratio Lower Upper
139 100
109 23.7 21.0 31.6
65 40.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 45.40 ng

RT: 9.34 min Scan# 1259

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :
BNA_F
ClientSampled :

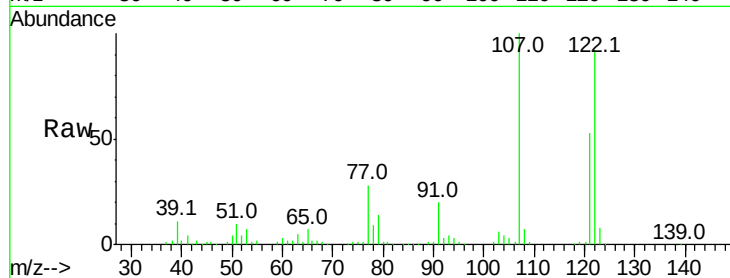
Tot Ion:122 Resp: 233640

Ion Ratio Lower Upper

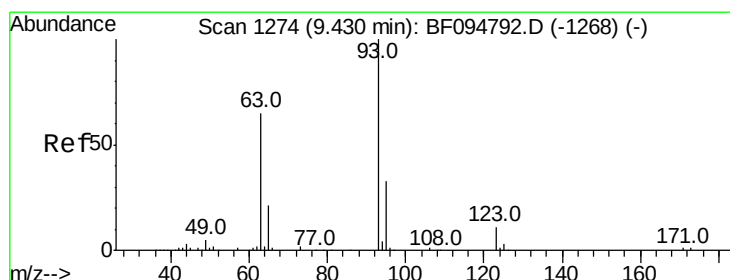
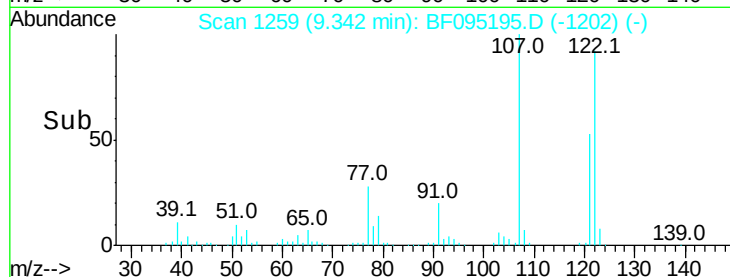
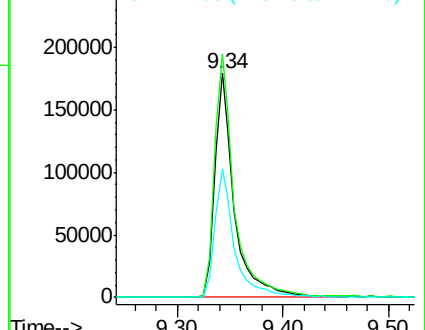
122 100

107 108.6 89.2 133.8

121 57.4 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: 43.94 ng

RT: 9.47 min Scan# 1280

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

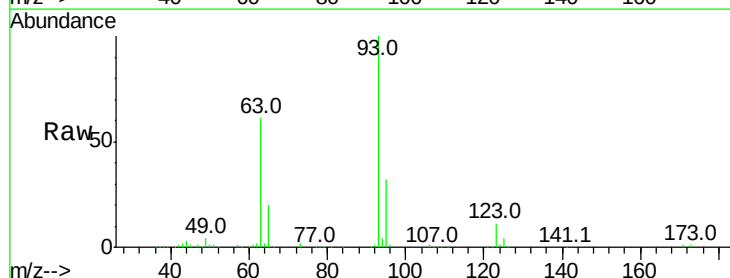
Tgt Ion: 93 Resp: 305423

Ion Ratio Lower Upper

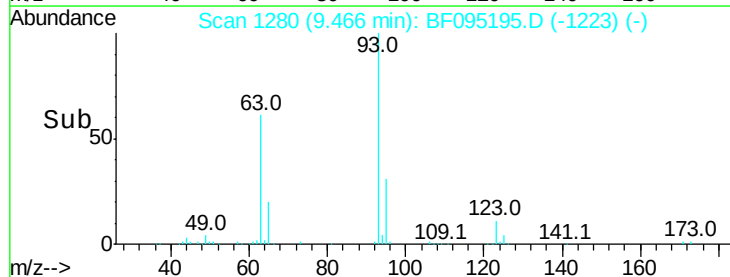
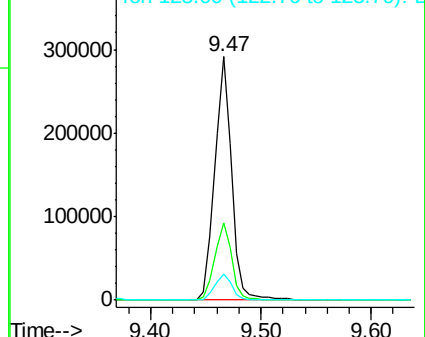
93 100

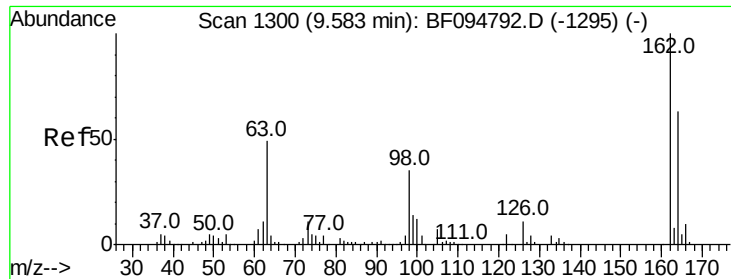
95 31.9 26.5 39.7

123 10.8 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

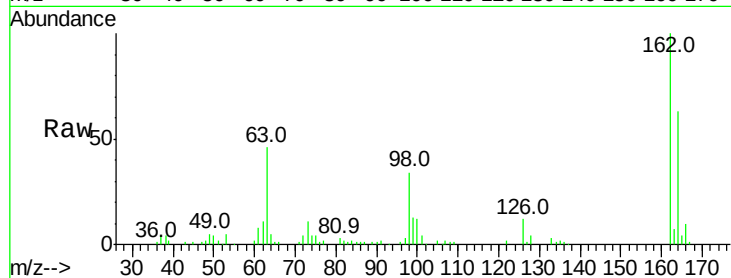




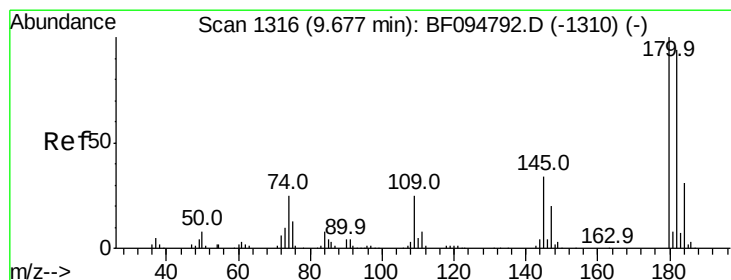
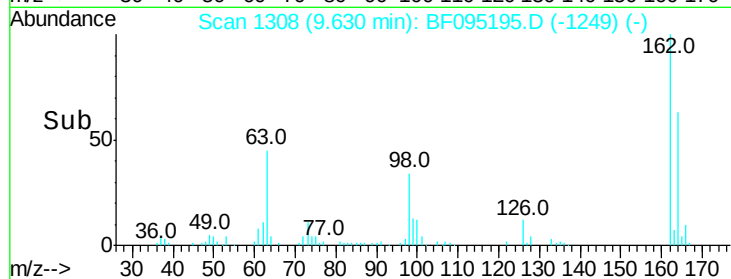
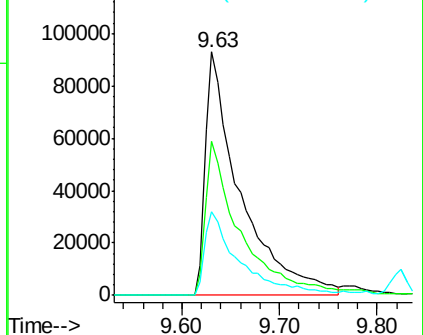
#29
 2,4-Dichlorophenol
 Concen: 47.81 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162	Resp:	232321
Ion Ratio	Lower	Upper
162	100	
164	63.3	44.6 84.6
98	34.2	14.8 54.8

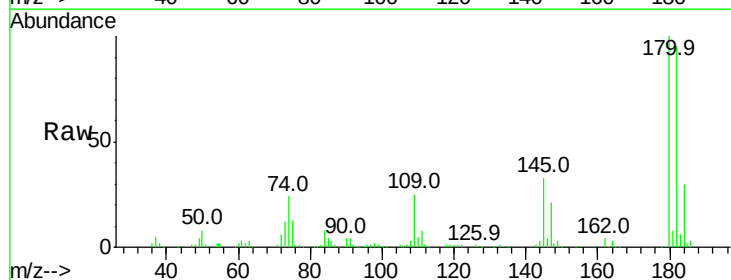


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

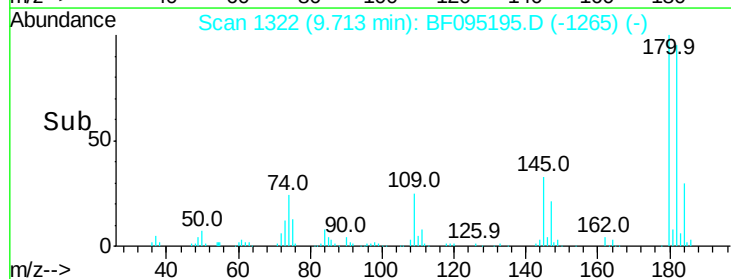
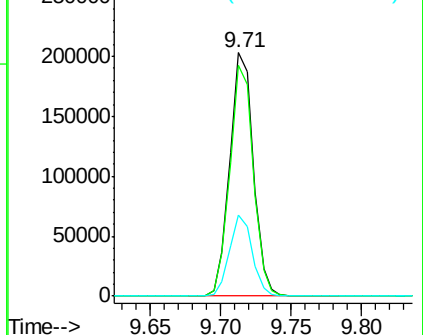


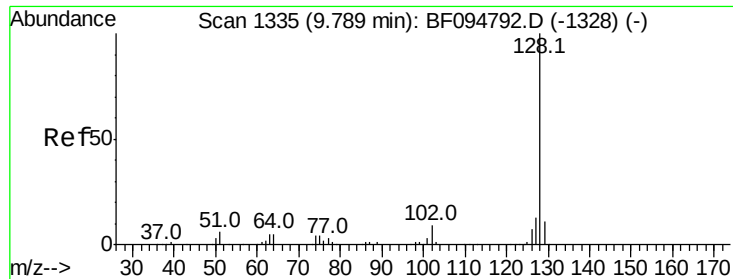
#30
 1,2,4-Trichlorobenzene
 Concen: 45.52 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:180	Resp:	236961
Ion Ratio	Lower	Upper
180	100	
182	94.6	75.8 113.6
145	33.3	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

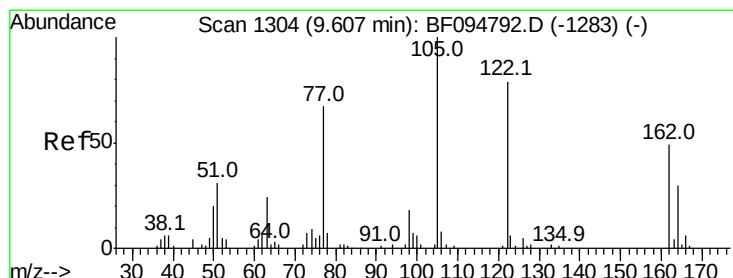
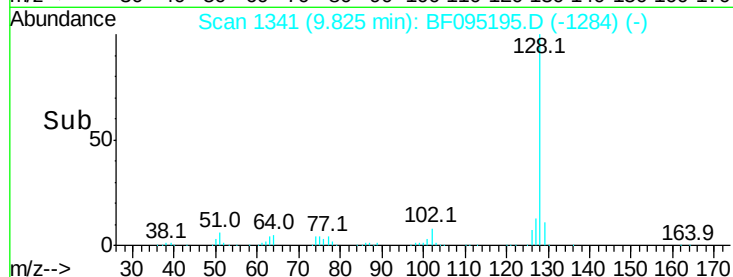
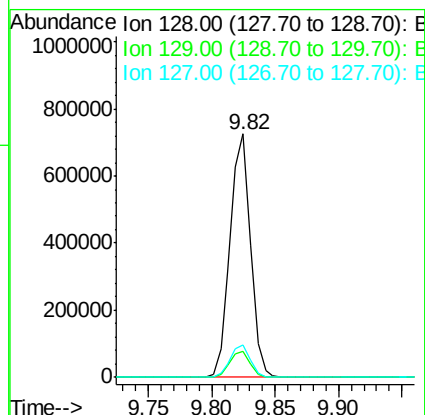
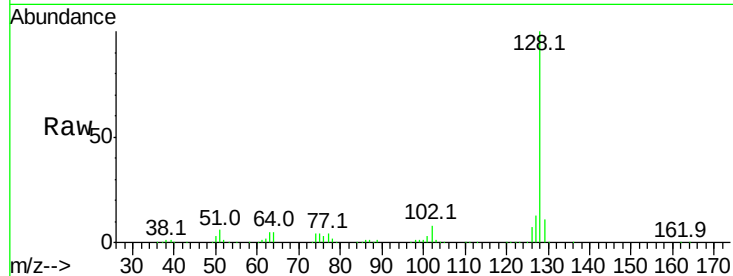




#31
Naphthalene
Concen: 45.46 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

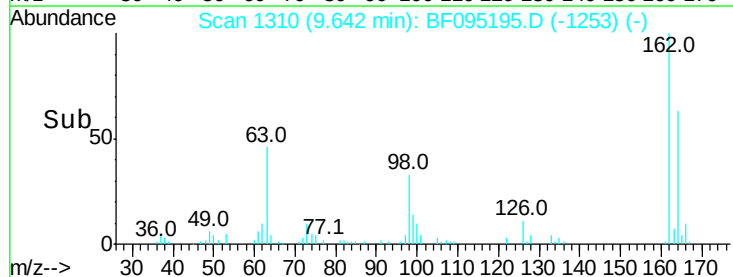
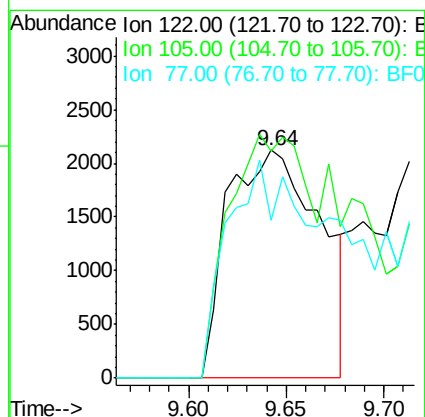
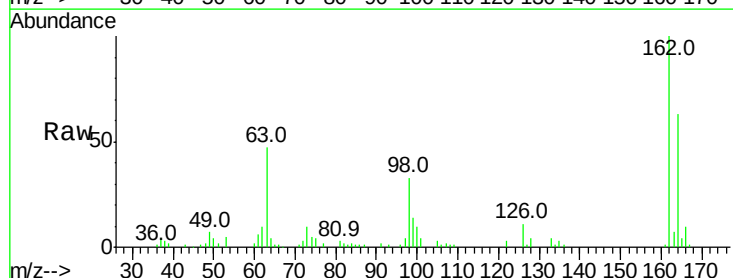
Instrument :
BNA_F
ClientSampleId :

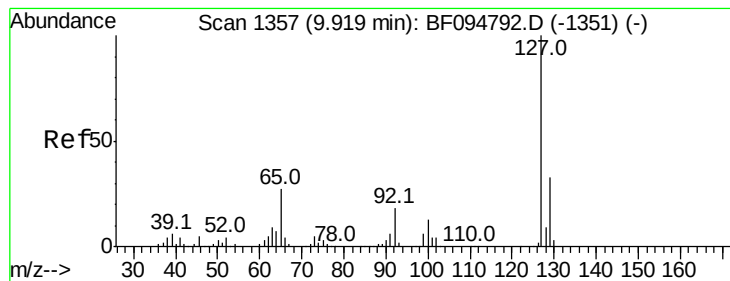
Tot Ion:128 Resp: 810782
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 6.92 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.04 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

Tgt Ion:122 Resp: 6952
Ion Ratio Lower Upper
122 100
105 99.6 103.3 143.3#
77 69.3 73.7 113.7#





#33

4-Chloroaniline

Concen: 14.04 ng

RT: 9.98 min Scan# 1368

Delta R.T. 0.06 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 93335

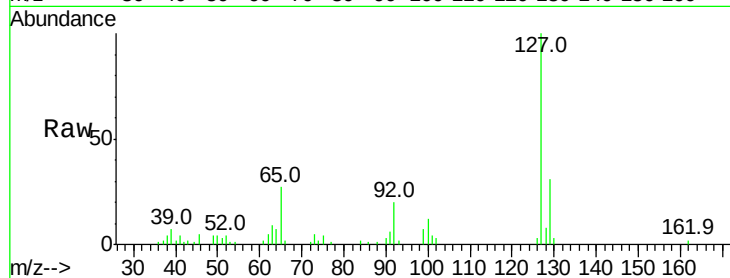
Ion Ratio Lower Upper

127 100

129 31.3 26.2 39.2

65 26.7 27.8 41.8#

92 20.5 16.8 25.2

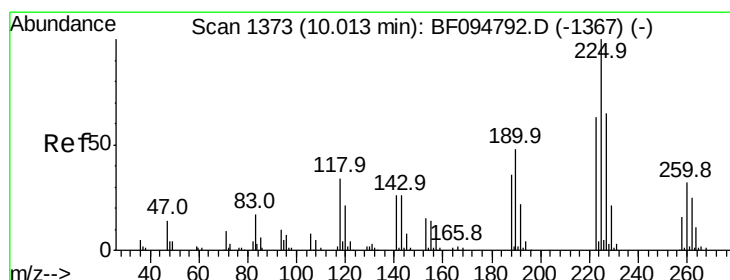
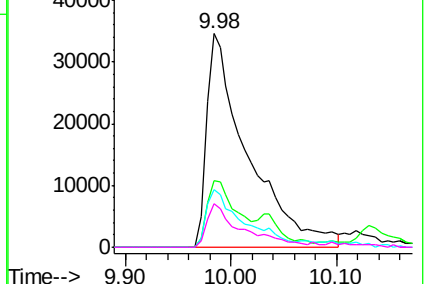
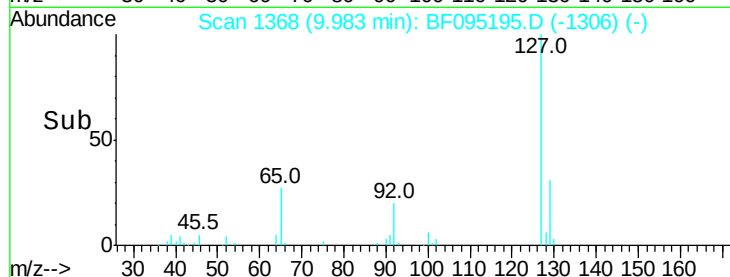


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.02 ng

RT: 10.04 min Scan# 1377

Delta R.T. 0.02 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

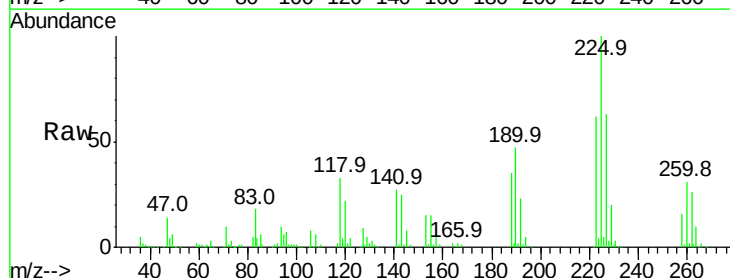
Tgt Ion:225 Resp: 120910

Ion Ratio Lower Upper

225 100

223 62.3 48.8 73.2

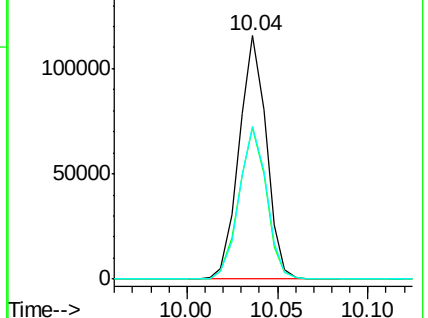
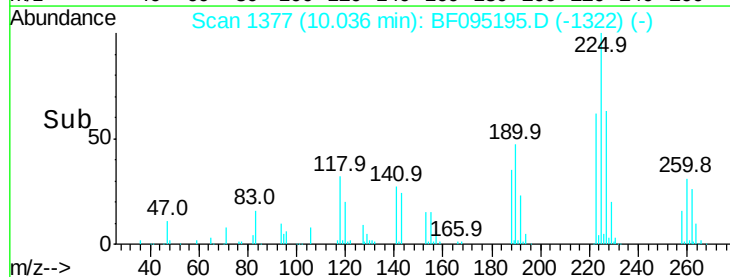
227 62.9 51.1 76.7

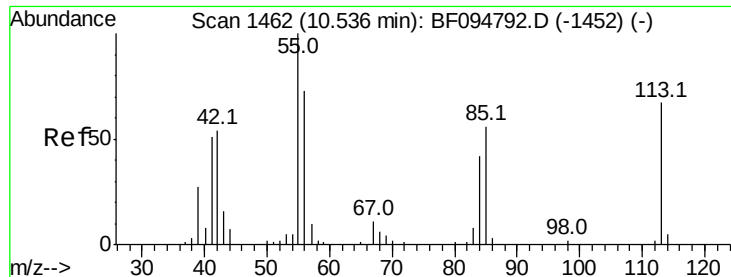


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

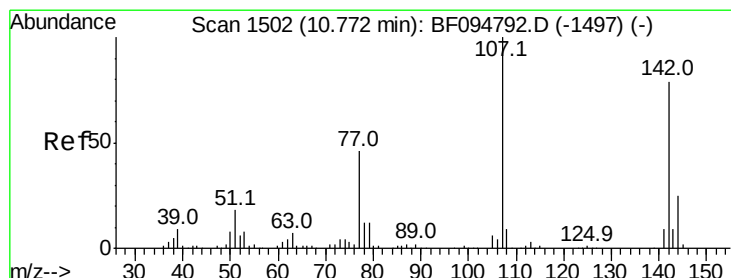
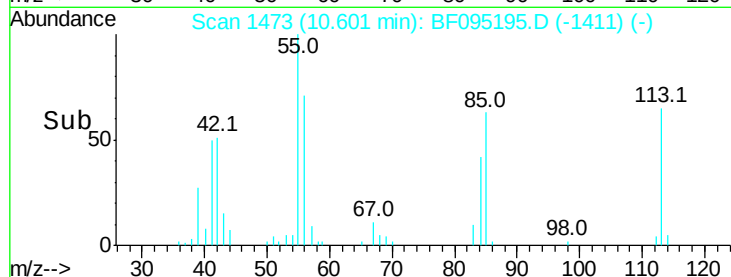
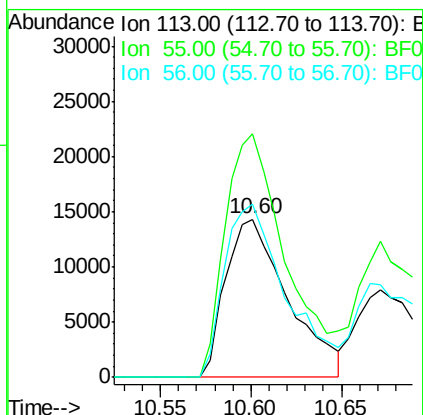
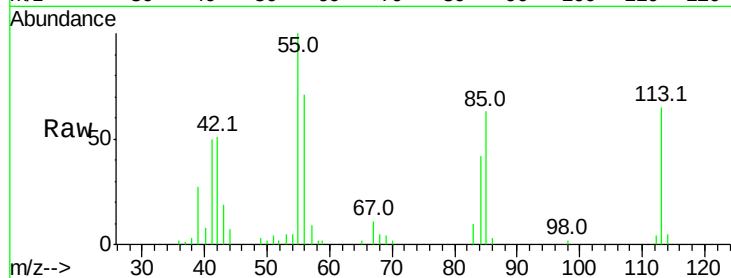




#35
 Caprolactam
 Concen: 23.45 ng
 RT: 10.60 min Scan# 1473
 Delta R.T. 0.06 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

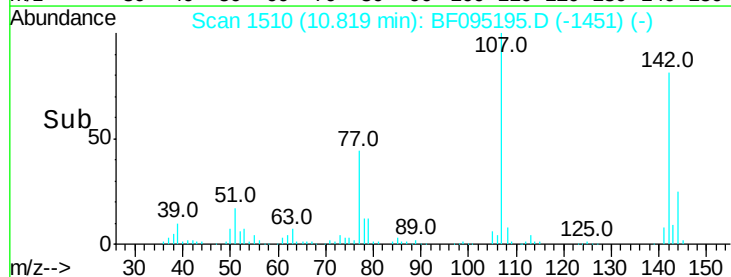
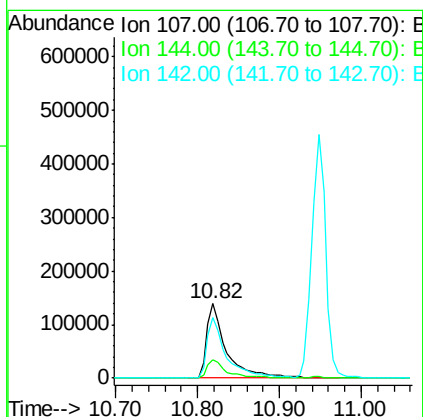
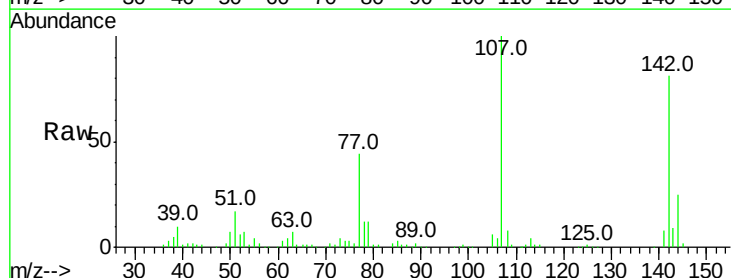
Instrument :
 BNA_F
 ClientSampled :

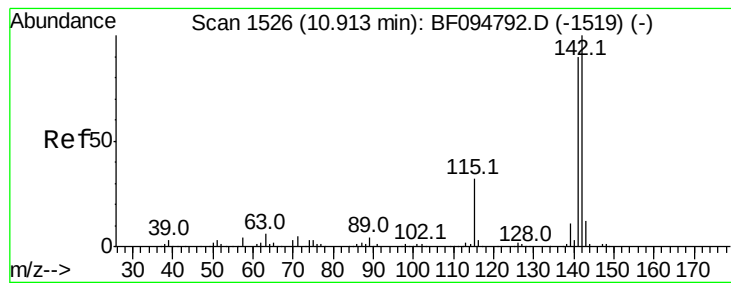
Tot Ion:113 Resp: 34215
 Ion Ratio Lower Upper
 113 100
 55 153.7 150.2 190.2
 56 109.1 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 45.22 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.05 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:107 Resp: 234931
 Ion Ratio Lower Upper
 107 100
 144 25.5 24.2 36.4
 142 81.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 45.36 ng

RT: 10.95 min Scan# 1532

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampled :

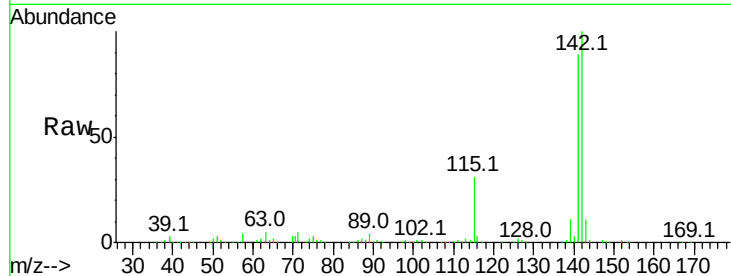
Tot Ion:142 Resp: 530971

Ion Ratio Lower Upper

142 100

141 88.7 71.3 106.9

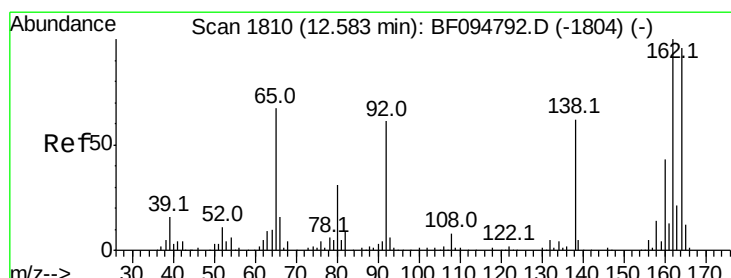
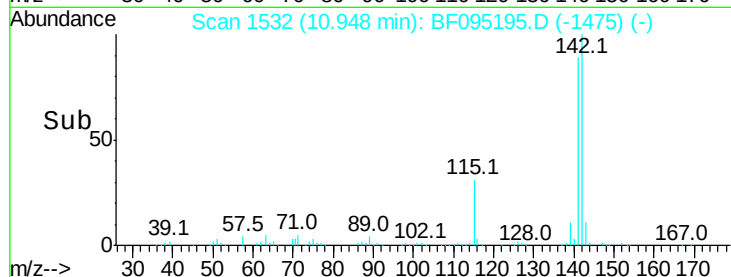
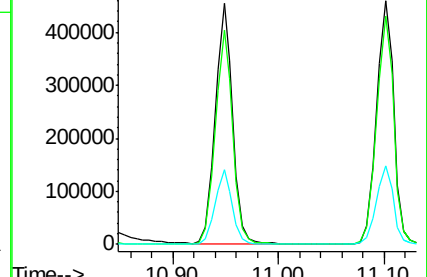
115 30.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

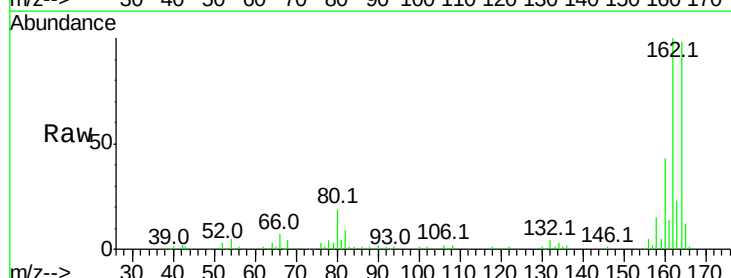
Tgt Ion:164 Resp: 152873

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

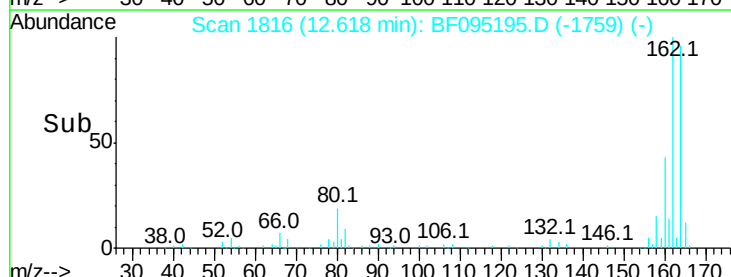
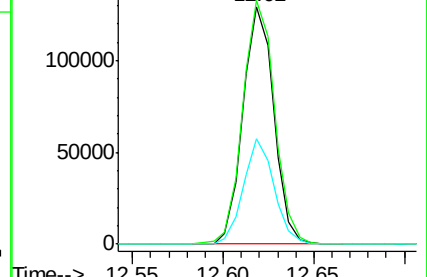
160 44.1 36.2 54.2

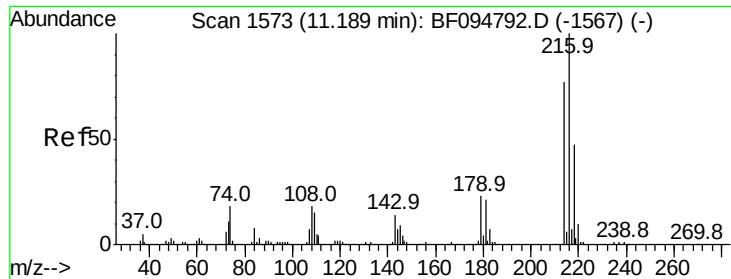


Abundance Ion 164.00 (163.70 to 164.70): E

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: 47.66 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 224075

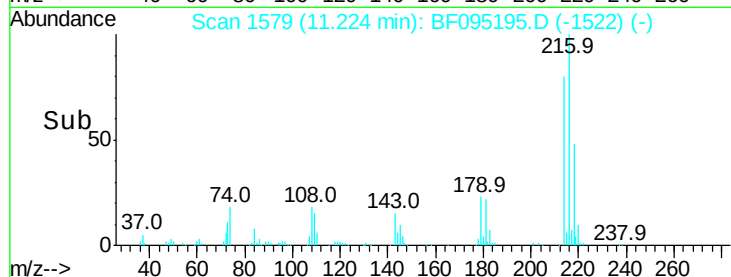
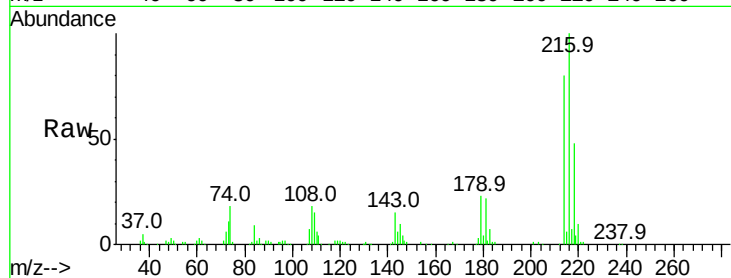
Ion Ratio Lower Upper

216 100

214 80.0 63.4 95.2

179 22.6 17.9 26.9

108 19.6 16.5 24.7

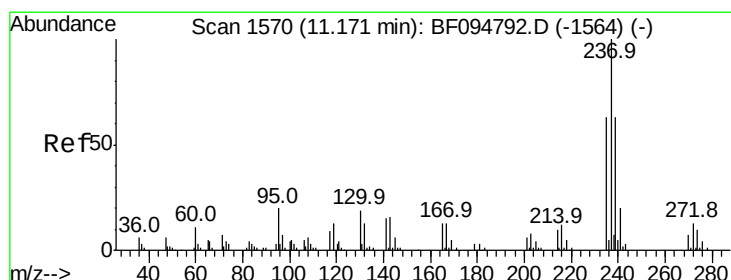
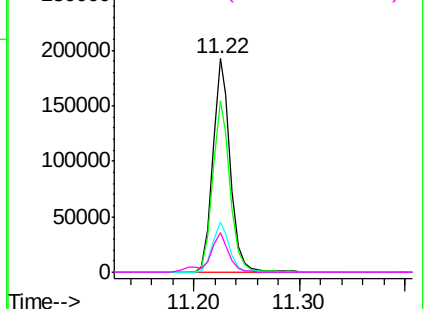


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.57 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.03 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

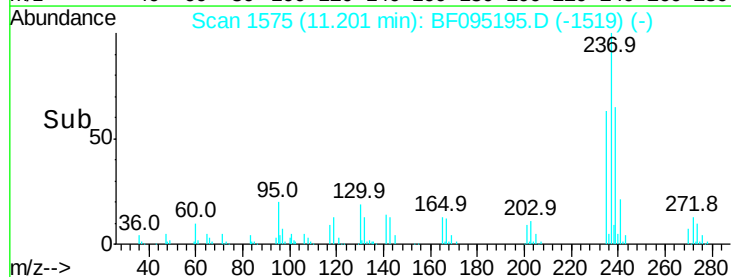
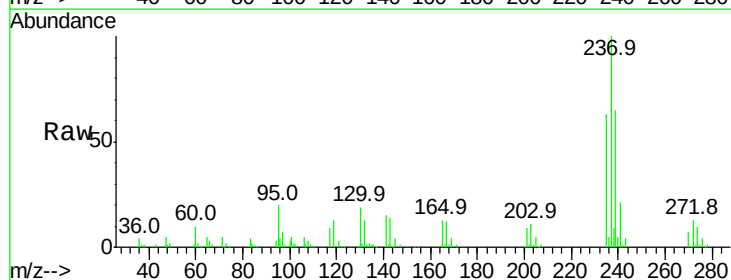
Tgt Ion:237 Resp: 144368

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

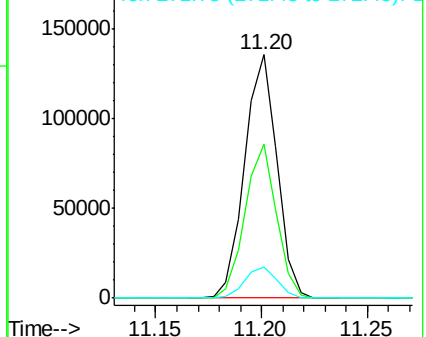
272 13.0 0.0 31.9

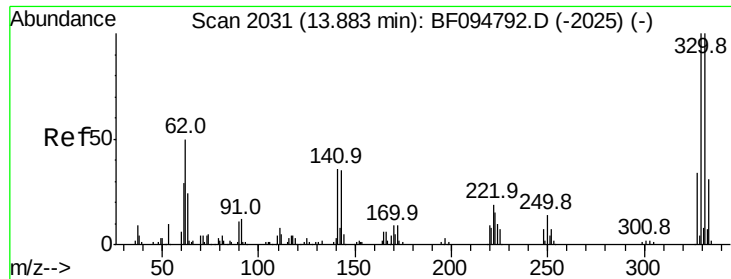


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

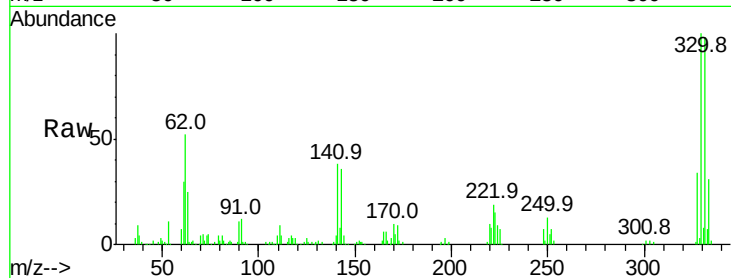




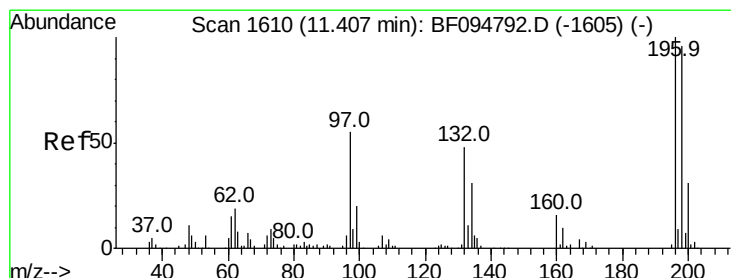
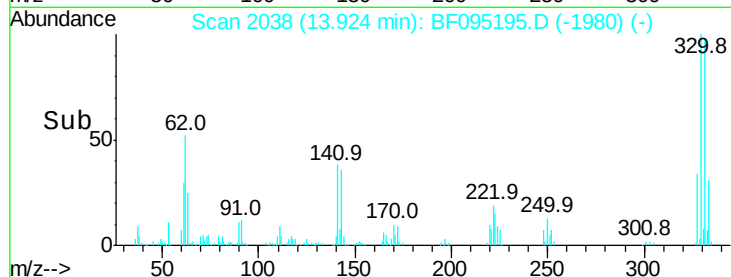
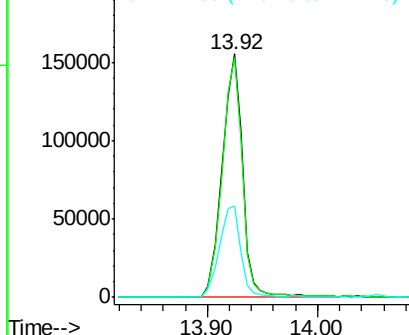
#41
 2,4,6-Tribromophenol
 Concen: 161.11 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 201707
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.4 31.4 47.2

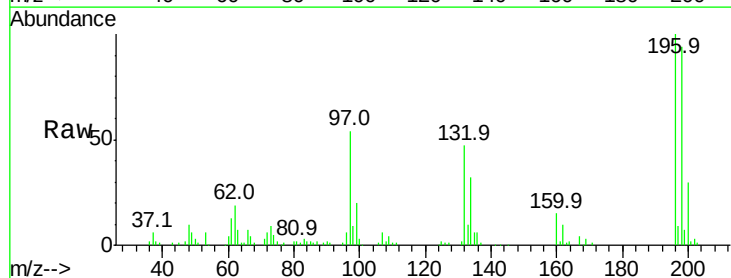


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

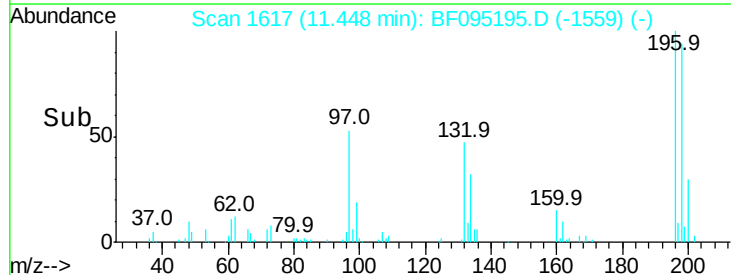
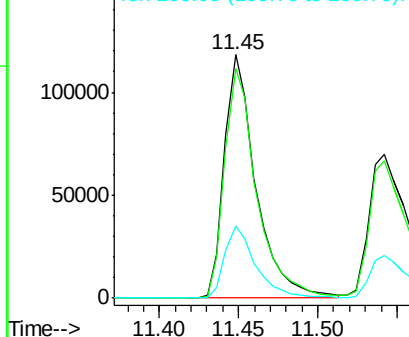


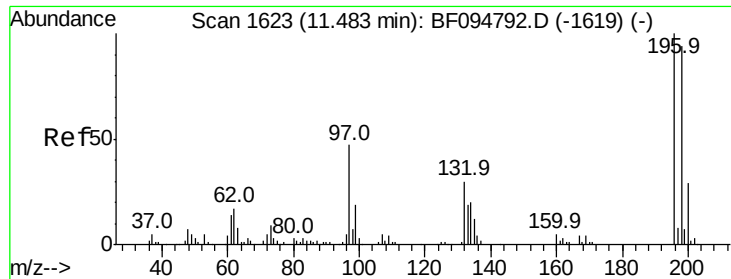
#42
 2,4,6-Trichlorophenol
 Concen: 52.12 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:196 Resp: 163589
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.2 111.4
 200 29.8 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

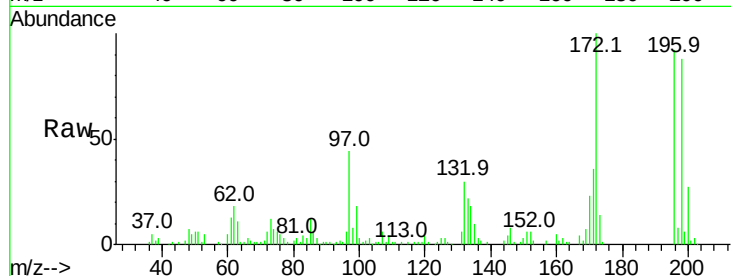




#43
 2,4,5-Trichlorophenol
 Concen: 46.14 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.06 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
97	48.4	47.7	71.5
132	32.9	28.0	42.0



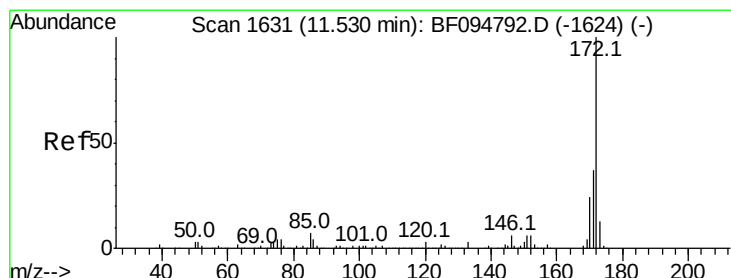
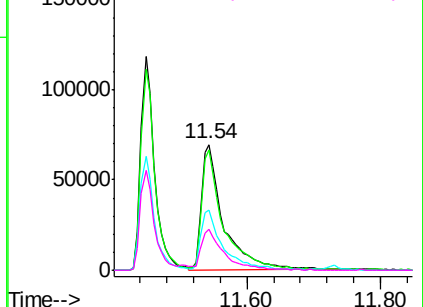
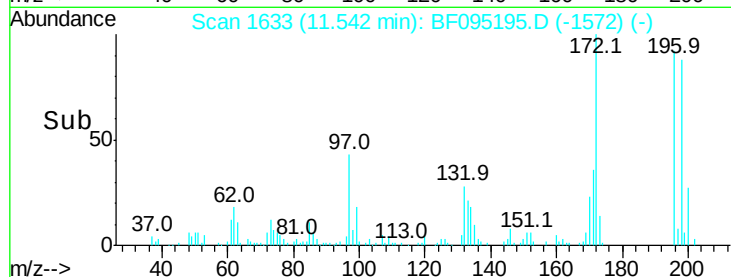
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

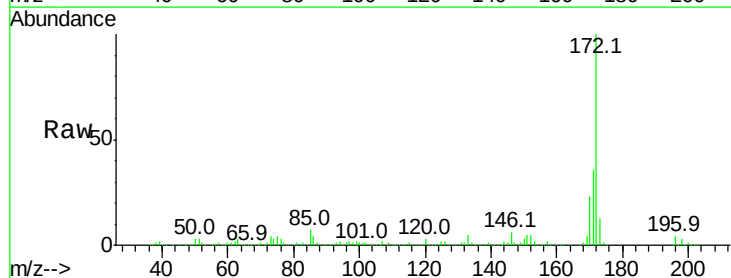
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.75 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.8	29.8

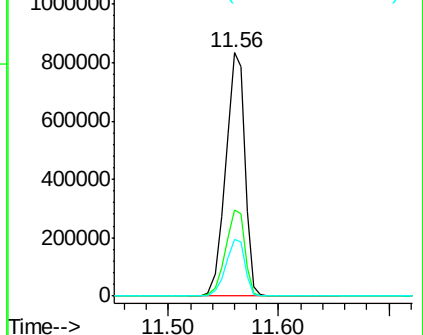
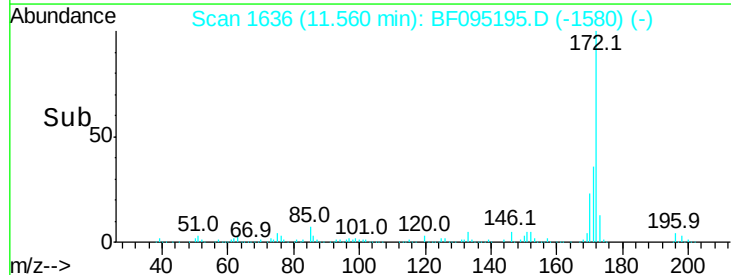


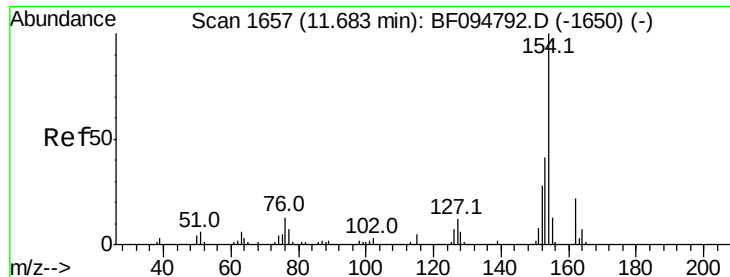
Abundance

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

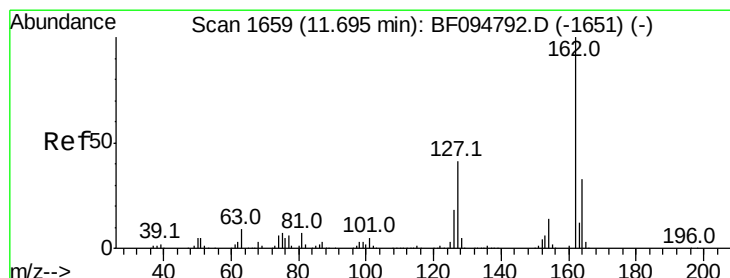
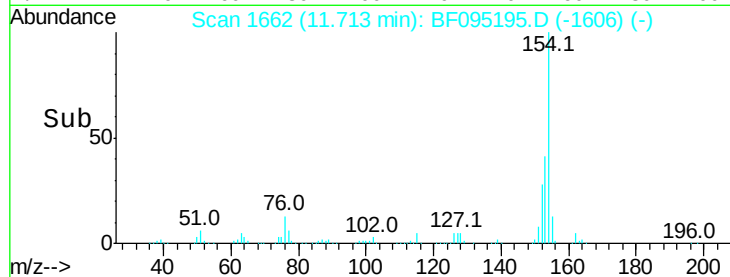
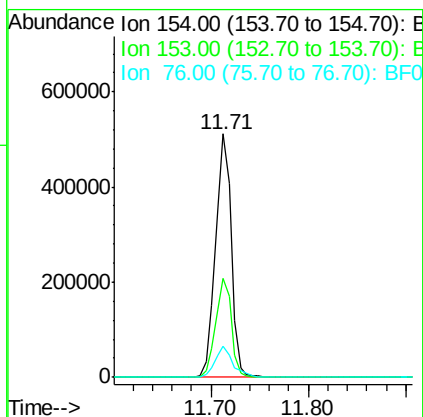
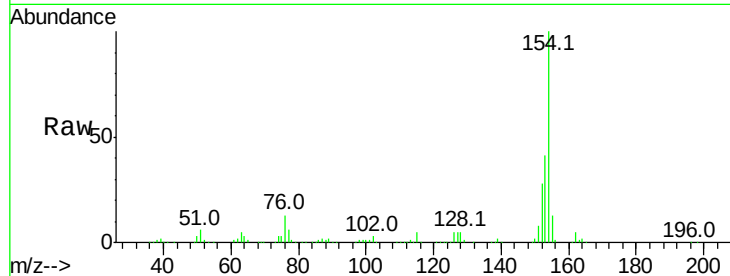




#45
 1,1'-Biphenyl
 Concen: 44.67 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.03 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

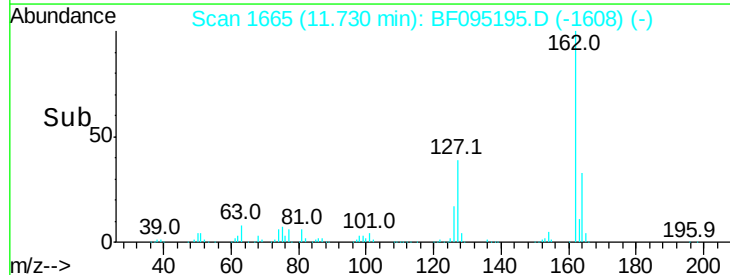
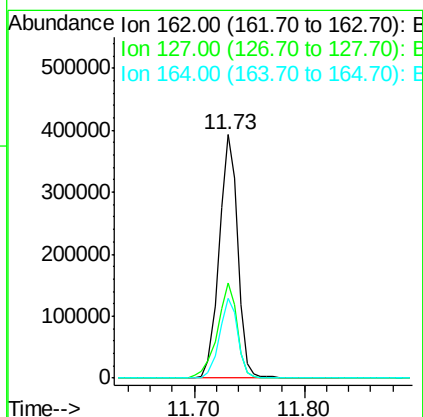
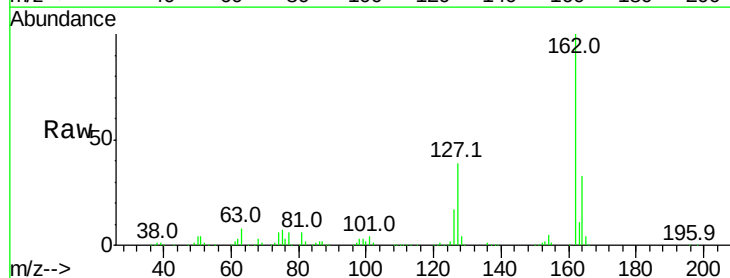
Instrument :
 BNA_F
 ClientSampleId :

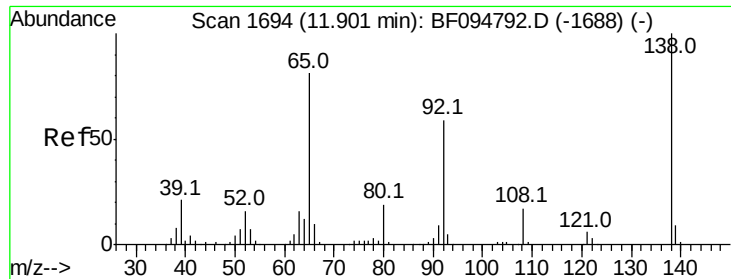
Tot Ion:154 Resp: 574899
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.2 61.2
 76 12.7 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 44.24 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:162 Resp: 459771
 Ion Ratio Lower Upper
 162 100
 127 39.1 28.3 42.5
 164 32.7 27.0 40.4

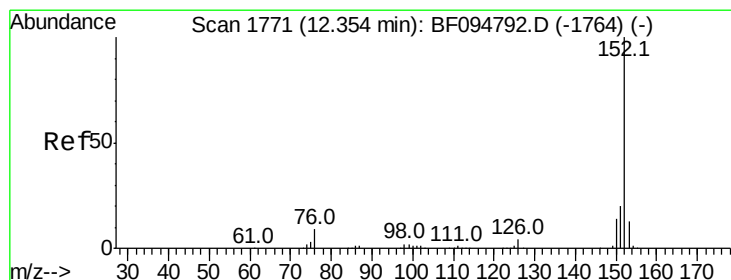
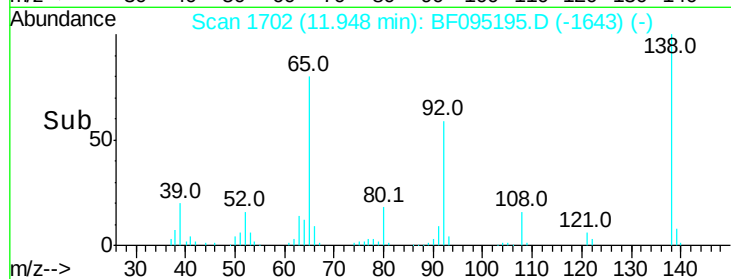
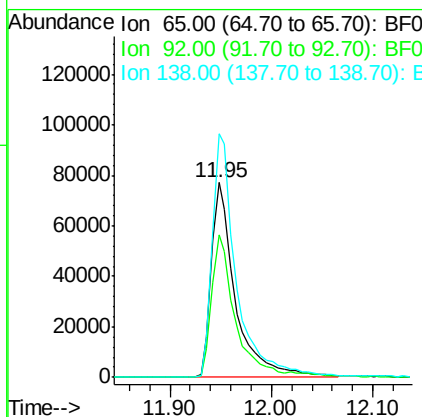
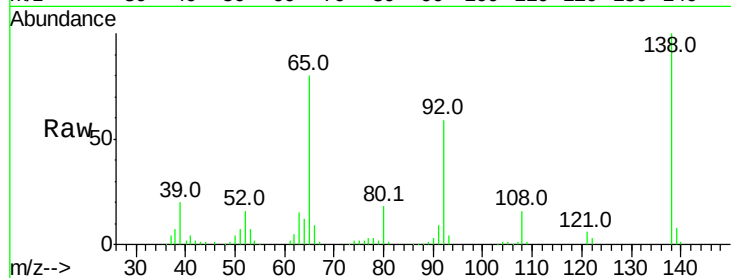




#47
 2-Nitroaniline
 Concen: 44.93 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.05 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

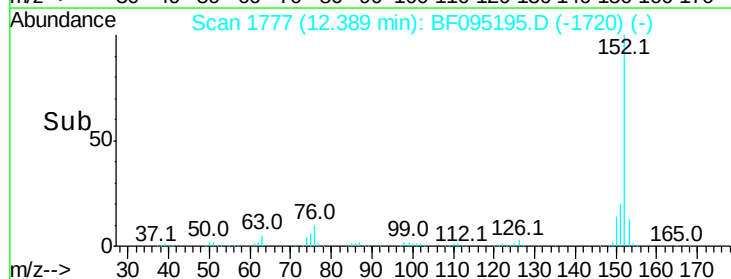
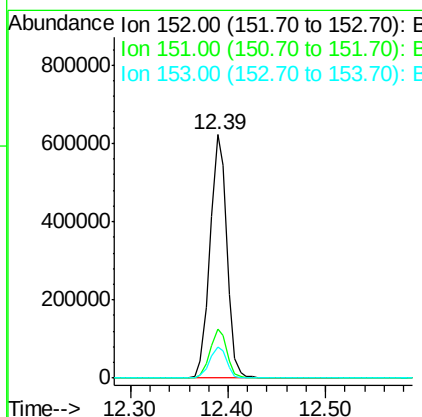
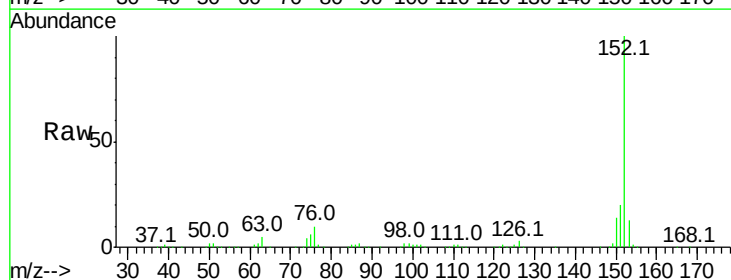
Instrument :
 BNA_F
 ClientSampleId :

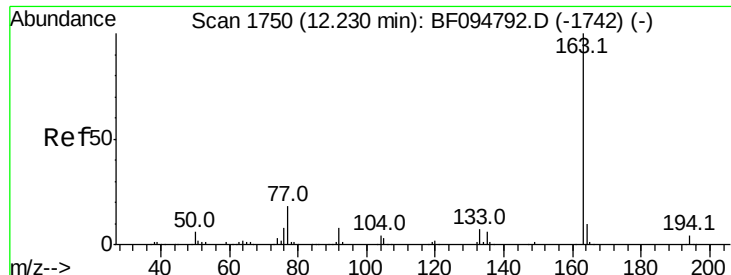
Tot Ion: 65 Resp: 127792
 Ion Ratio Lower Upper
 65 100
 92 73.4 53.9 80.9
 138 125.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 45.76 ng
 RT: 12.39 min Scan# 1777
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:152 Resp: 744861
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 56.61 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

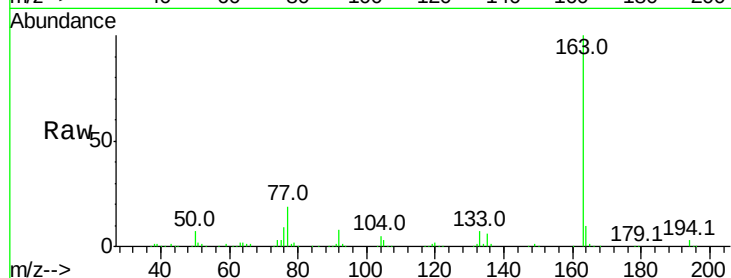
Tot Ion:163 Resp: 710478

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 9.8 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

12.27

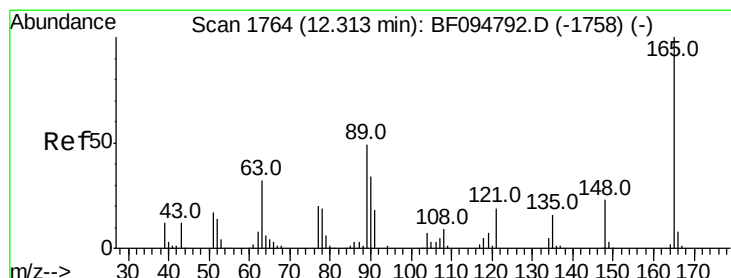
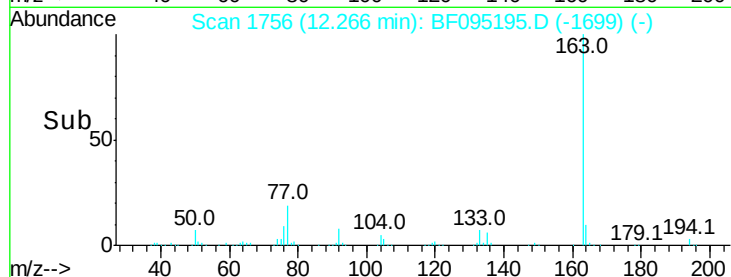
600000

400000

200000

0

Time-->



#50

2,6-Dinitrotoluene

Concen: 48.24 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.05 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

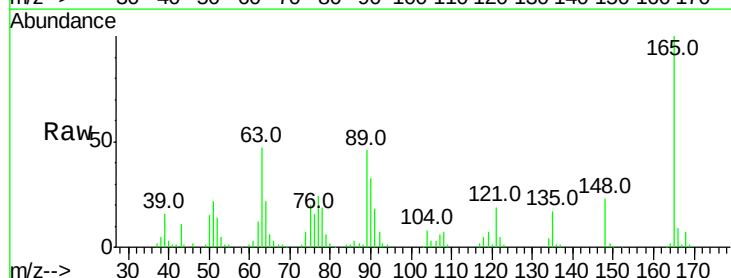
Tgt Ion:165 Resp: 123515

Ion Ratio Lower Upper

165 100

63 47.0 34.3 51.5

89 45.9 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

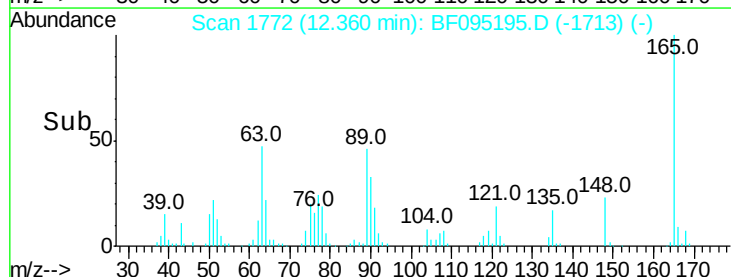
150000

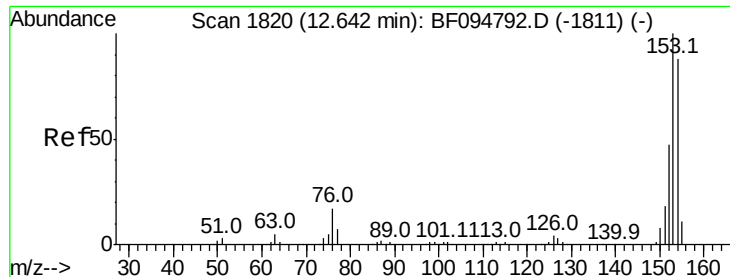
100000

50000

0

Time-->





#51

Acenaphthene

Concen: 44.69 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

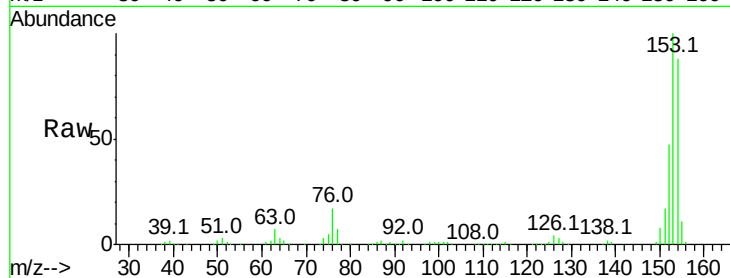
Tot Ion:154 Resp: 434478

Ion Ratio Lower Upper

154 100

153 113.7 90.5 135.7

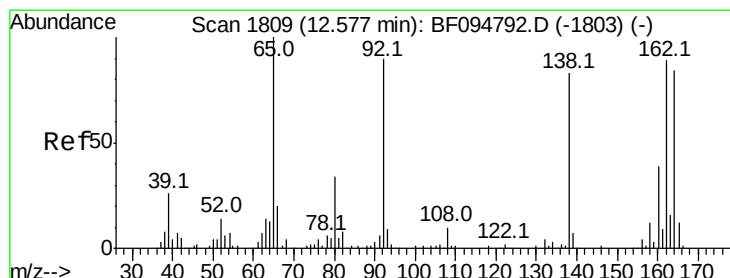
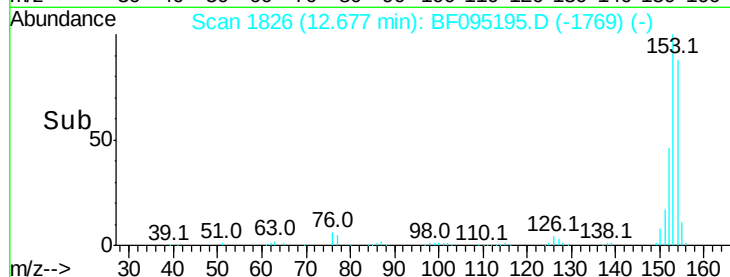
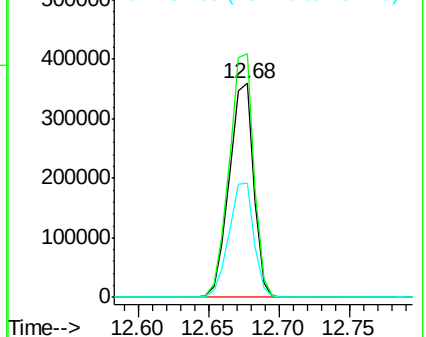
152 53.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.56 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

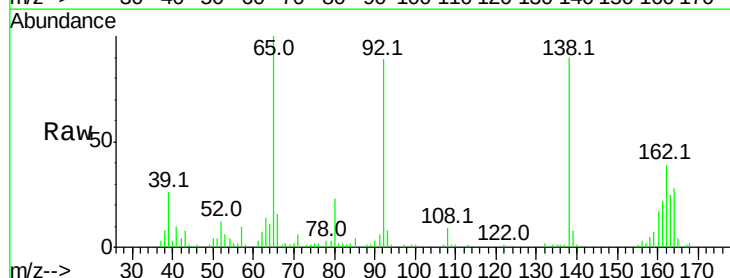
Tgt Ion:138 Resp: 75744

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

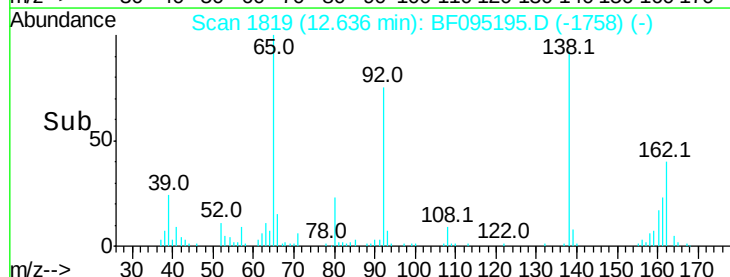
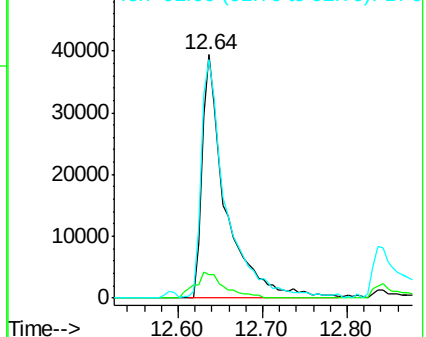
92 98.1 93.8 140.6

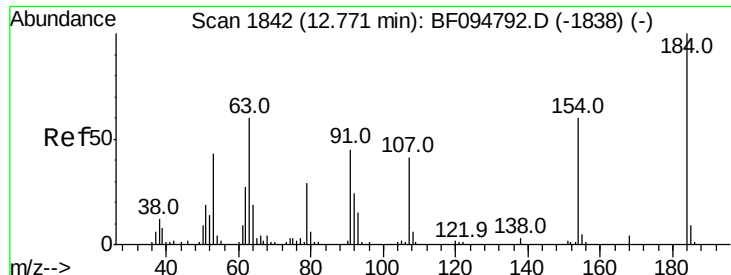


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

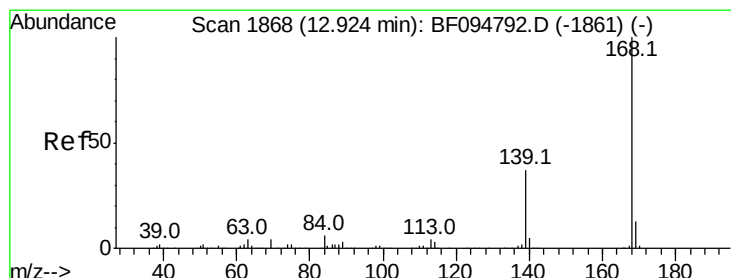
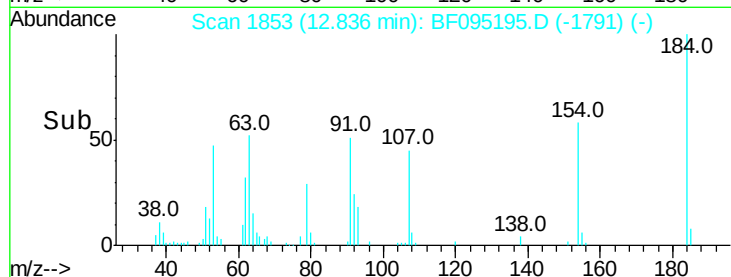
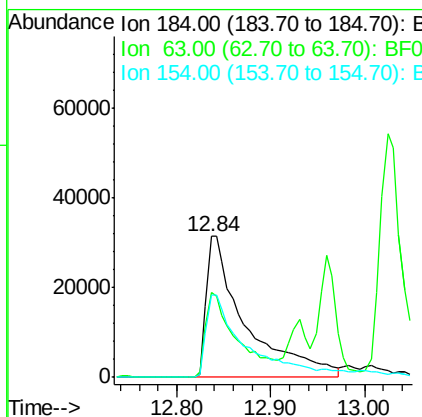
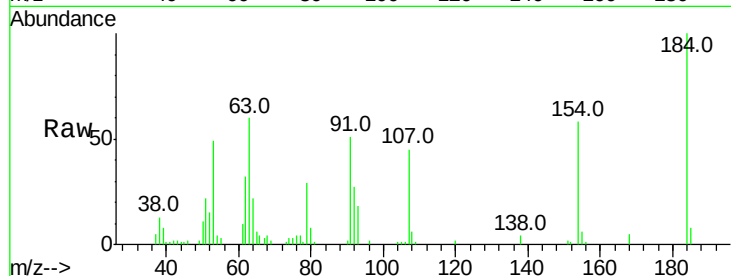




#53
 2,4-Dinitrophenol
 Concen: 65.62 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. 0.06 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

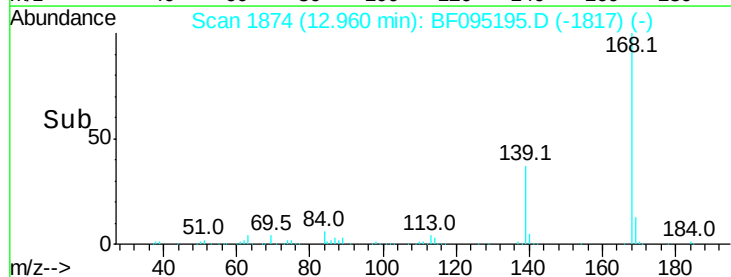
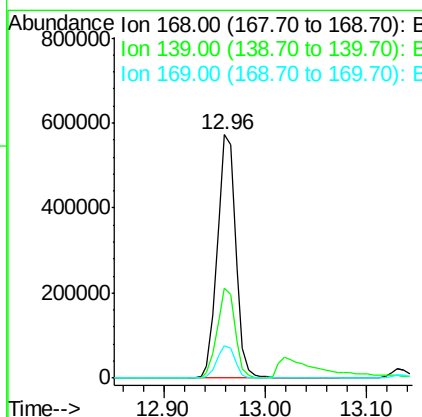
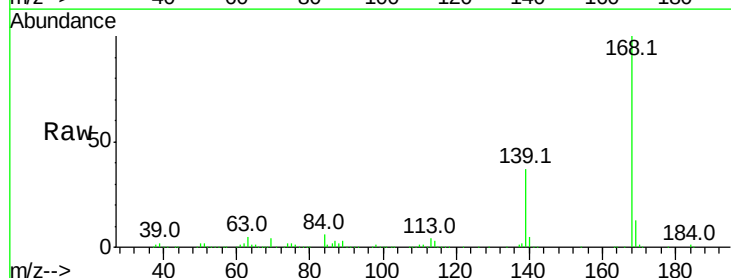
Instrument :
 BNA_F
 ClientSampled :

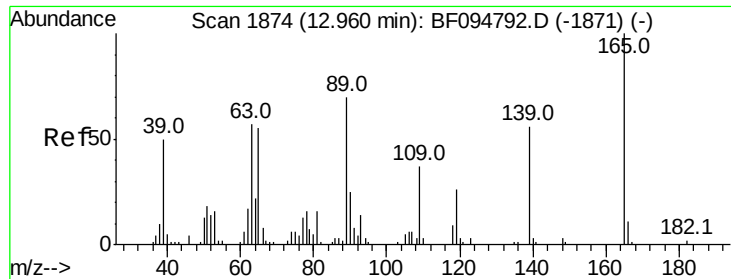
Tot Ion:184 Resp: 90817
 Ion Ratio Lower Upper
 184 100
 63 59.8 62.7 94.1#
 154 58.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 53.72 ng
 RT: 12.96 min Scan# 1874
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:168 Resp: 722798
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.4 10.8 16.2

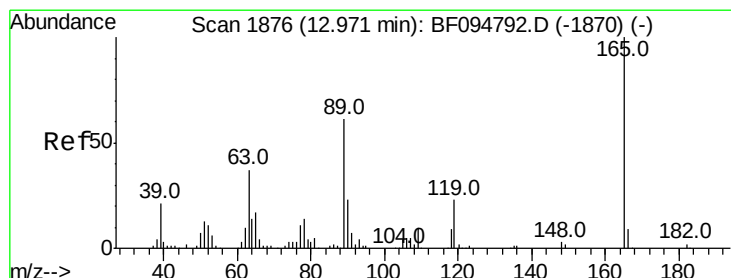
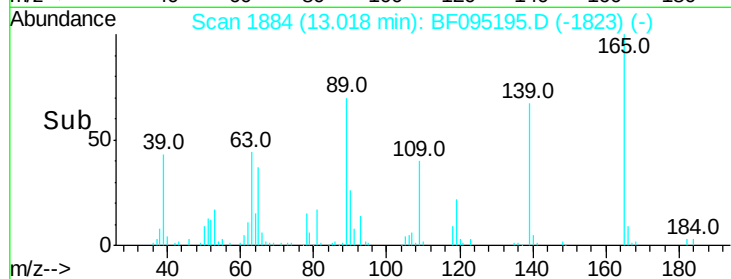
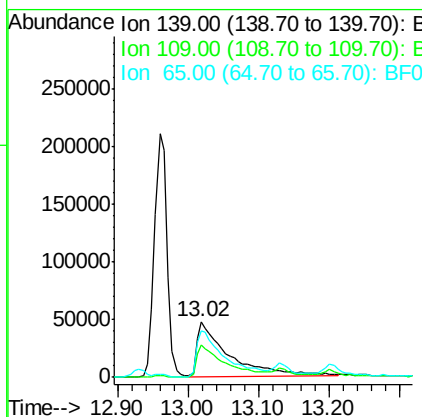
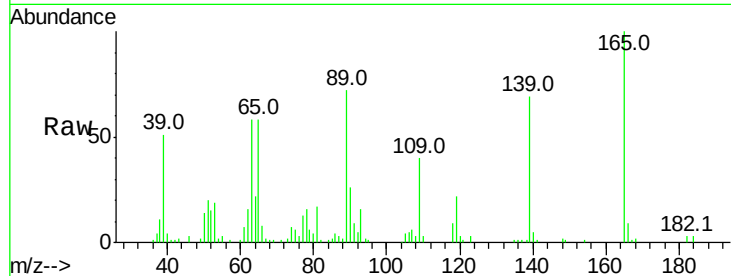




#55
4-Nitrophenol
Concen: 92.32 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.06 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

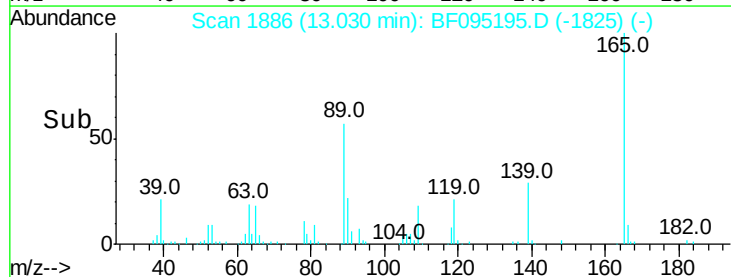
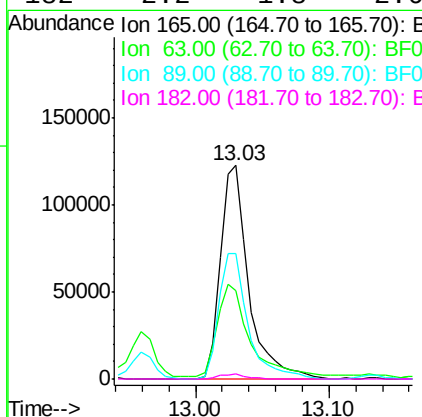
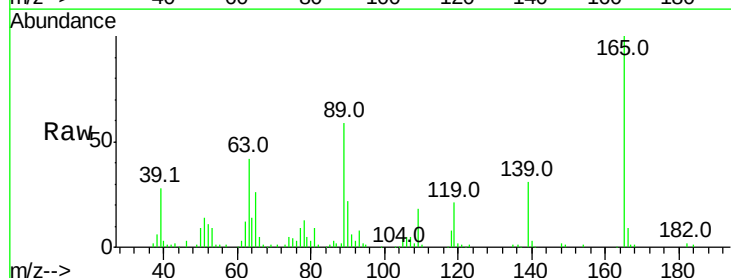
Instrument :
BNA_F
ClientSampled :

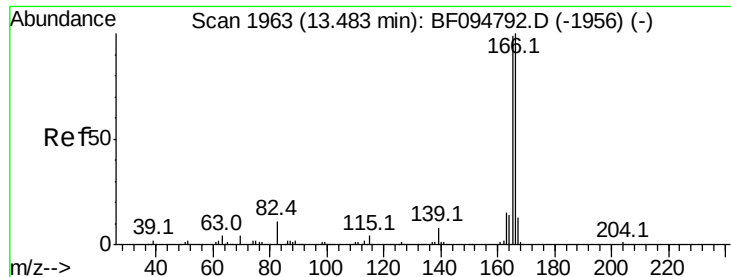
Tot Ion:139 Resp: 152373
Ion Ratio Lower Upper
139 100
109 57.9 34.1 74.1
65 83.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 55.66 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

Tgt Ion:165 Resp: 183111
Ion Ratio Lower Upper
165 100
63 41.6 25.4 38.0#
89 58.8 46.4 69.6
182 2.2 1.8 2.6





#57

Fluorene

Concen: 50.03 ng

RT: 13.52 min Scan# 1969

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

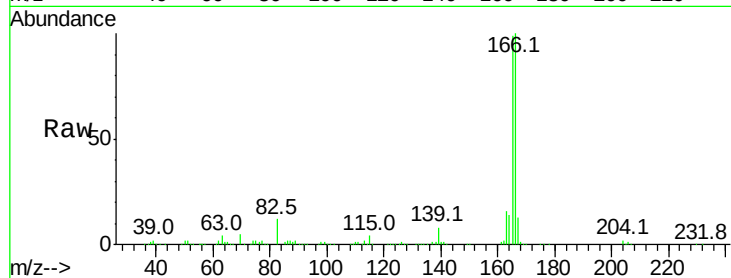
Tot Ion:166 Resp: 585283

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

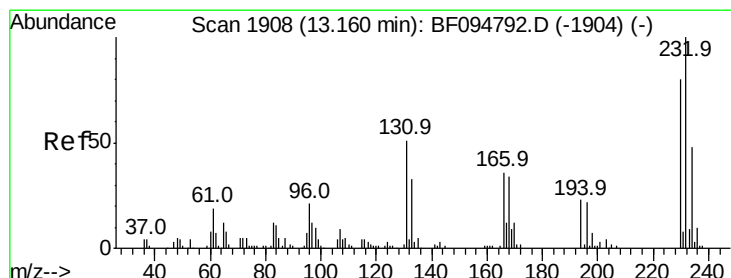
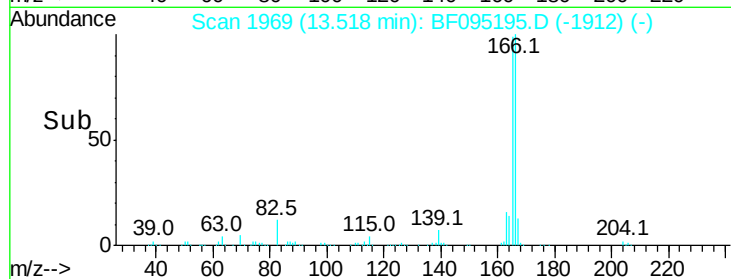
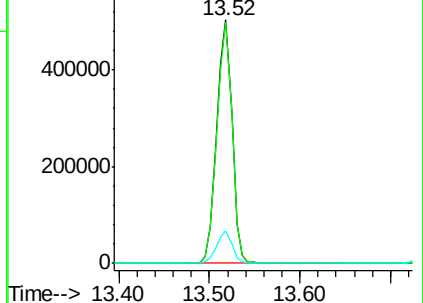
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.95 ng

RT: 13.21 min Scan# 1916

Delta R.T. 0.05 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Tgt Ion:232 Resp: 129408

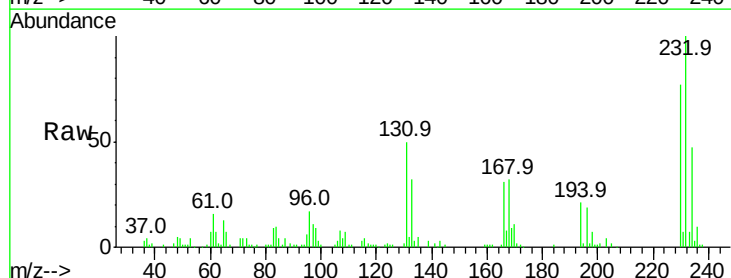
Ion Ratio Lower Upper

232 100

131 46.7 44.8 67.2

130 2.0 2.3 3.5#

166 31.0 29.0 43.4

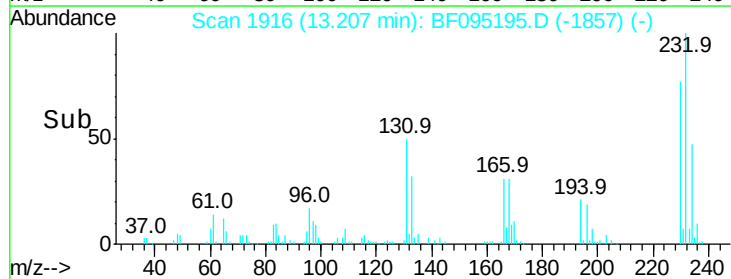
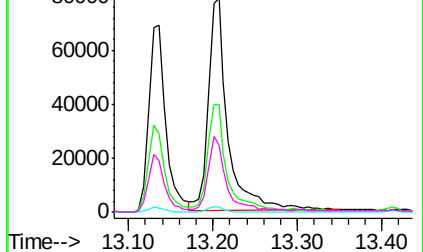


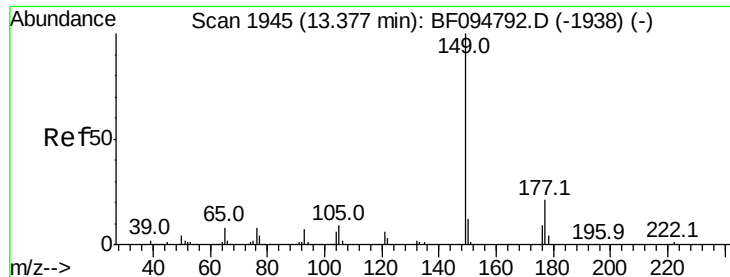
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.69 ng

RT: 13.41 min Scan# 1951

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

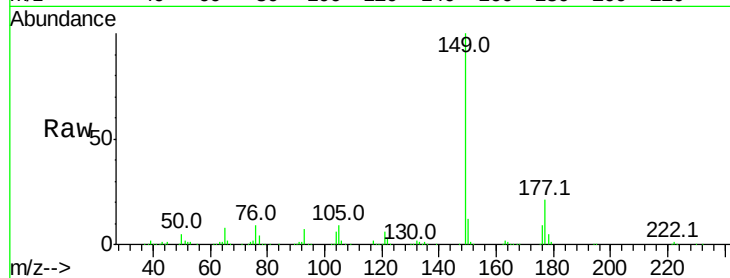
Tot Ion:149 Resp: 573642

Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

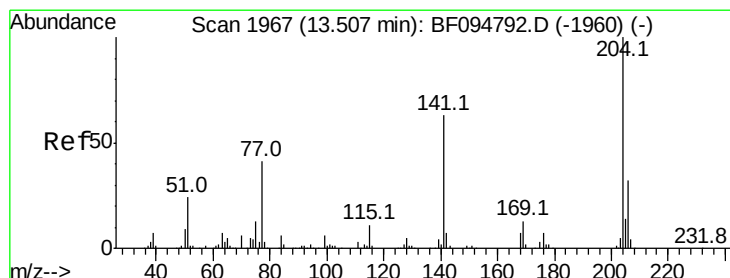
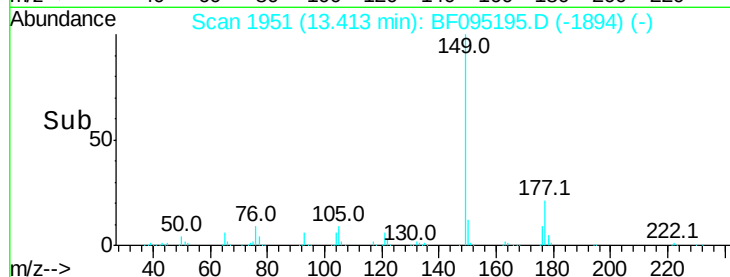
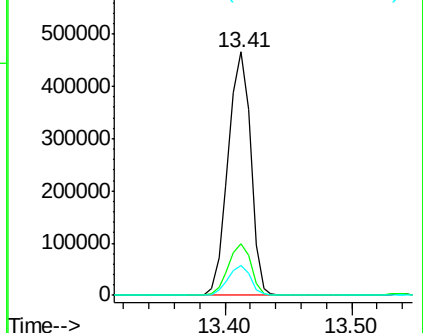
150 12.4 10.2 15.2



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: 48.98 ng

RT: 13.54 min Scan# 1972

Delta R.T. 0.03 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

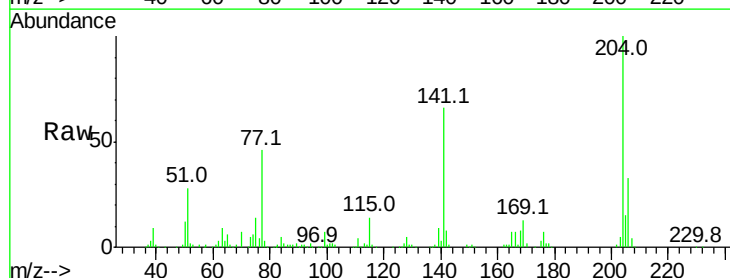
Tgt Ion:204 Resp: 251831

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

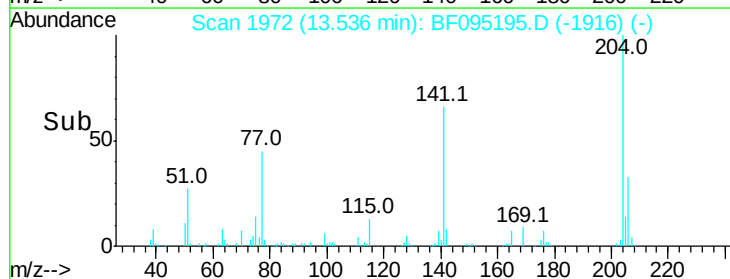
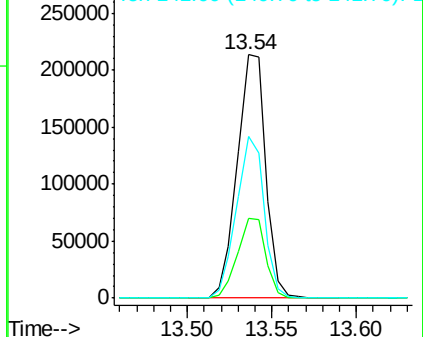
141 66.4 60.8 91.2

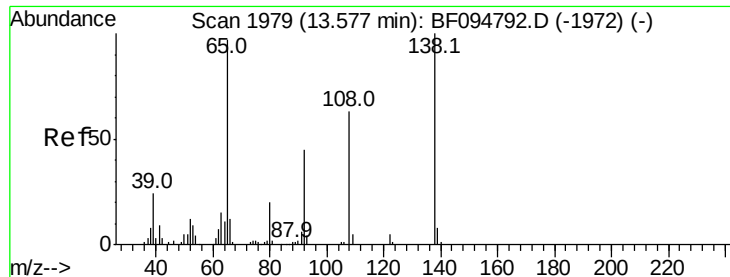


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

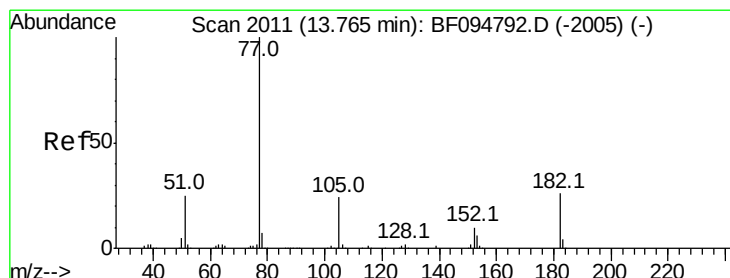
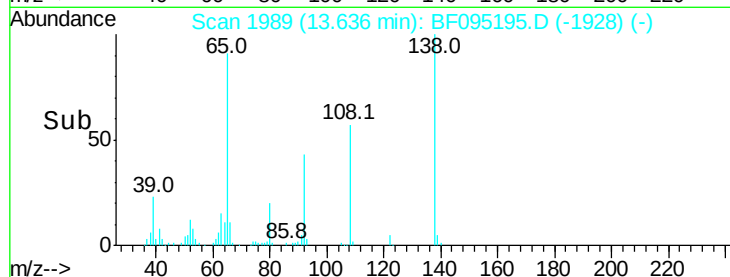
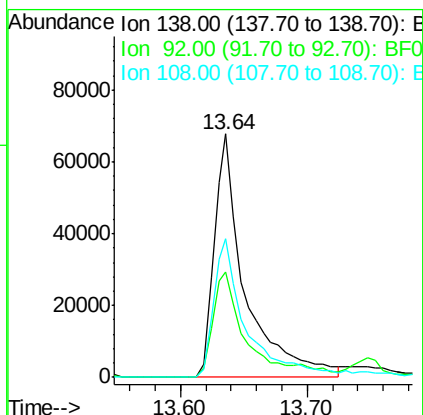
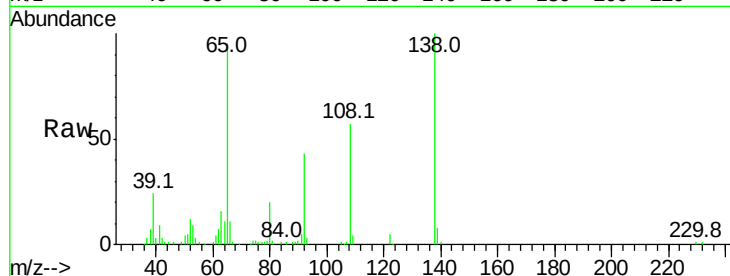




#61
4-Nitroaniline
Concen: 45.59 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

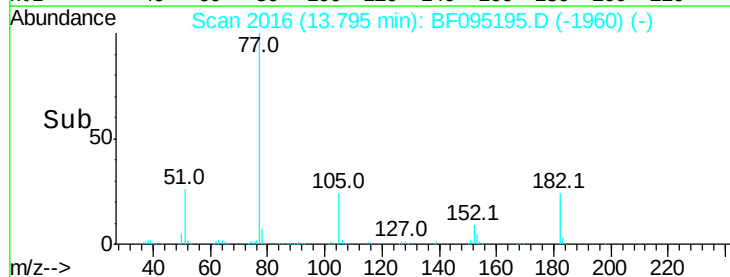
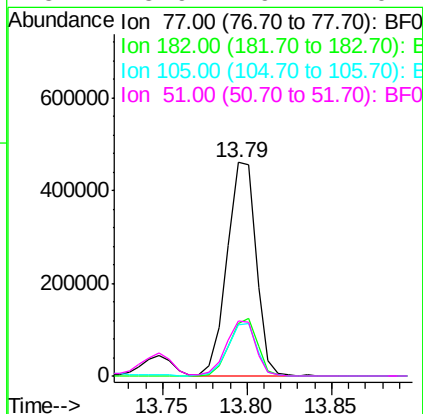
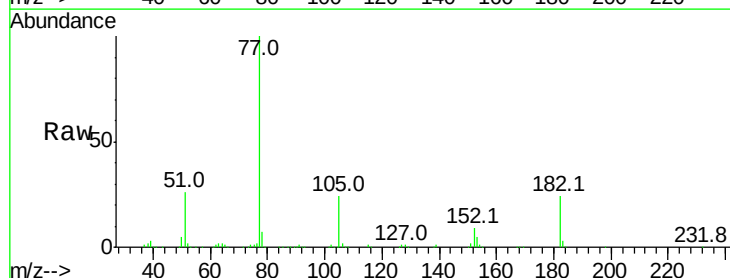
Instrument :
BNA_F
ClientSampleId :

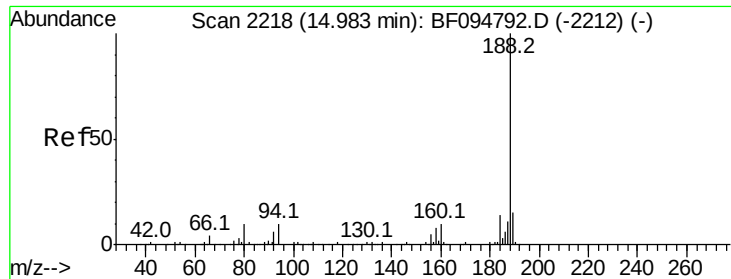
Tot Ion:138 Resp: 115026
Ion Ratio Lower Upper
138 100
92 43.4 21.8 61.8
108 57.1 42.3 82.3



#62
Azobenzene
Concen: 57.15 ng
RT: 13.79 min Scan# 2016
Delta R.T. 0.03 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

Tgt Ion: 77 Resp: 552393
Ion Ratio Lower Upper
77 100
182 24.3 0.1 40.1
105 24.1 3.6 43.6
51 25.9 9.4 49.4

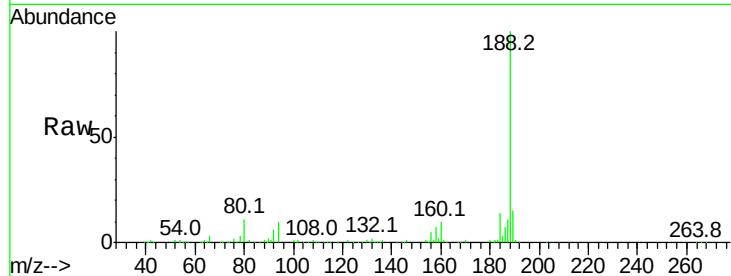




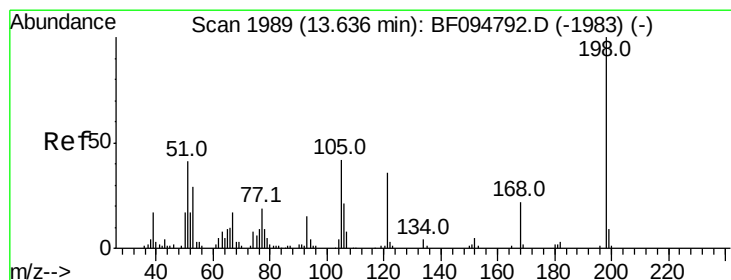
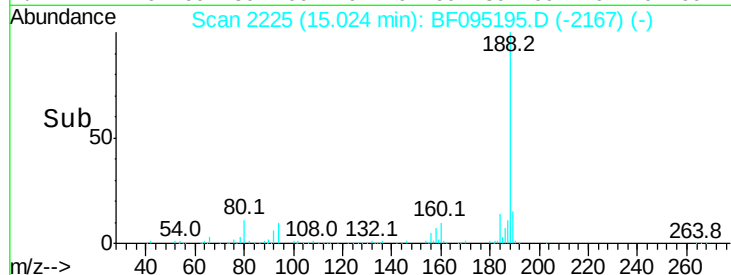
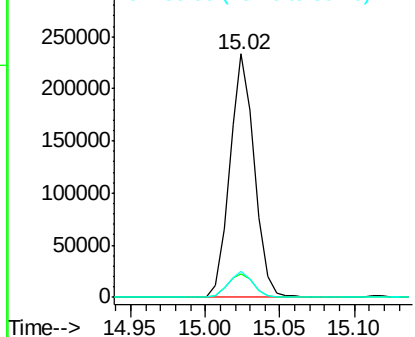
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 269271
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 10.9 10.2 15.2

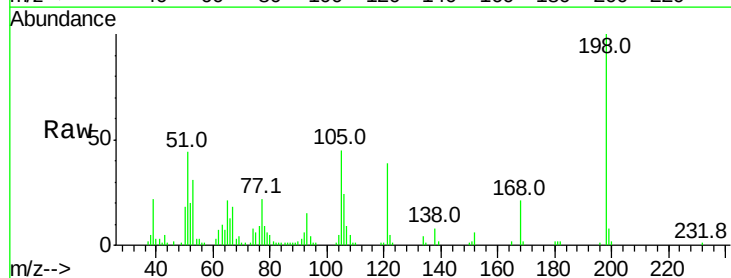


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

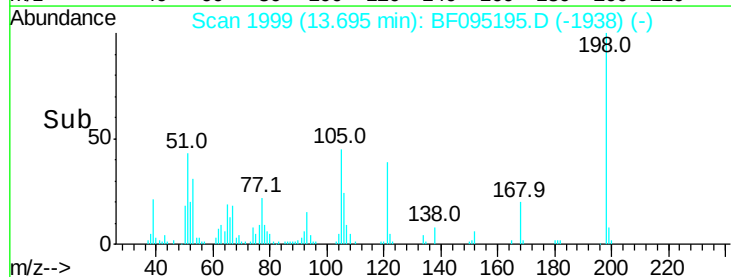
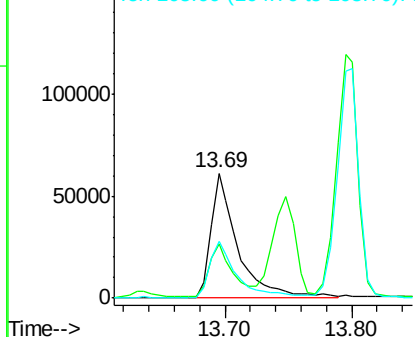


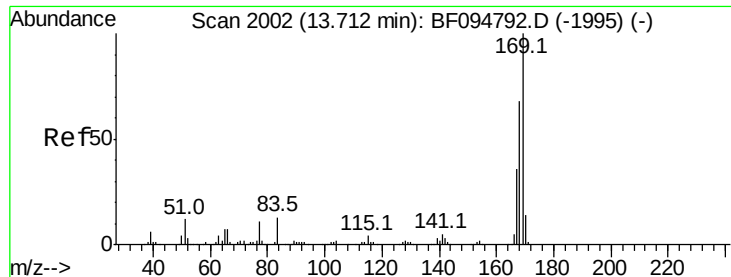
#64
 4,6-Dinitro-2-methylphenol
 Concen: 50.45 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. 0.06 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:198 Resp: 91068
 Ion Ratio Lower Upper
 198 100
 51 43.8 53.2 93.2#
 105 45.2 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.64 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

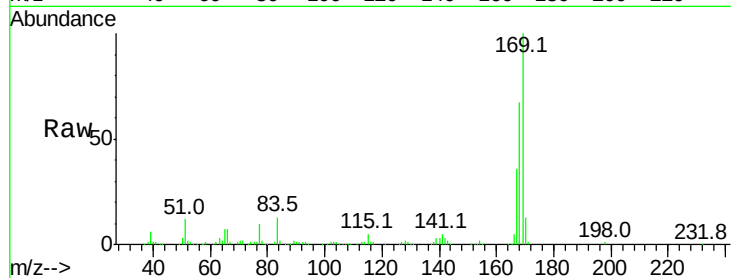
Tot Ion:169 Resp: 514457

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

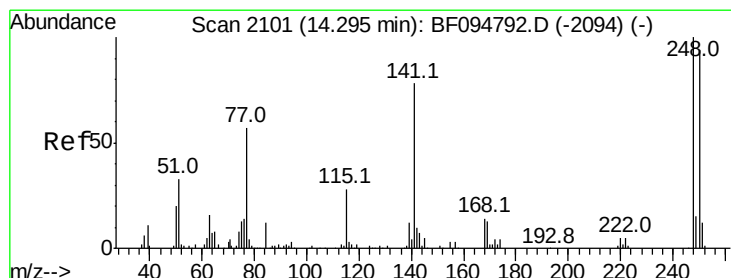
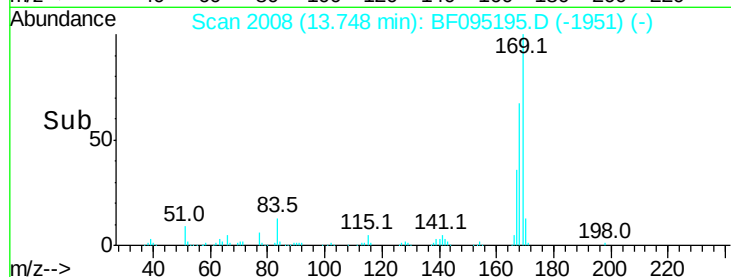
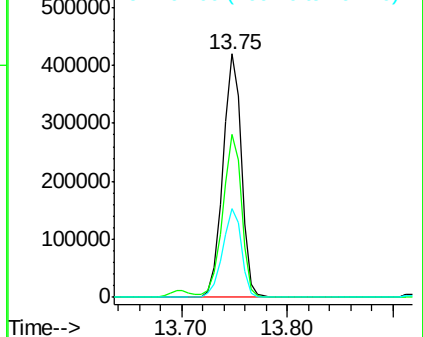
167 36.3 29.5 44.3



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: 45.16 ng

RT: 14.32 min Scan# 2106

Delta R.T. 0.03 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

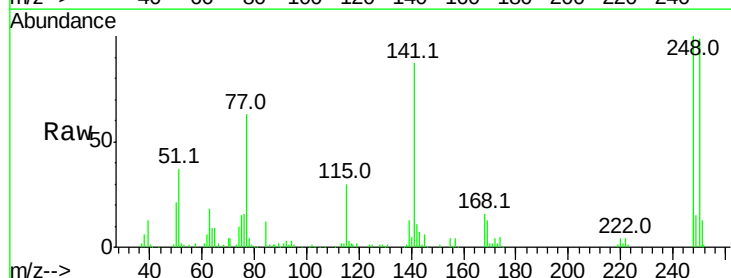
Tgt Ion:248 Resp: 128482

Ion Ratio Lower Upper

248 100

250 98.5 76.8 115.2

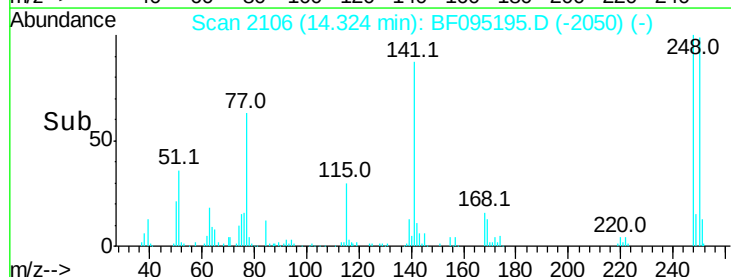
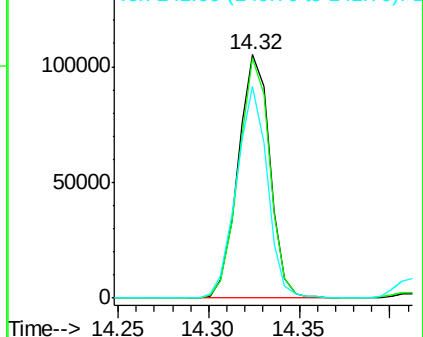
141 87.2 68.6 103.0

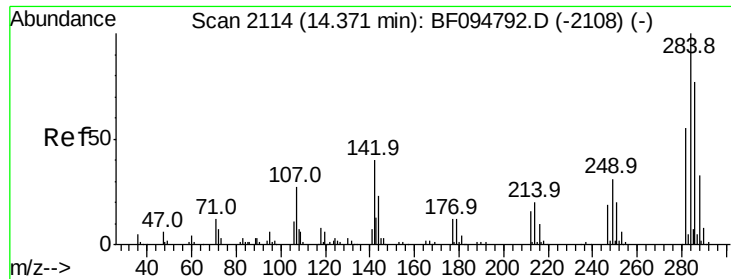


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

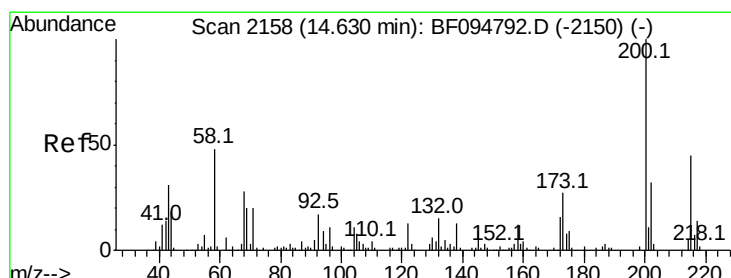
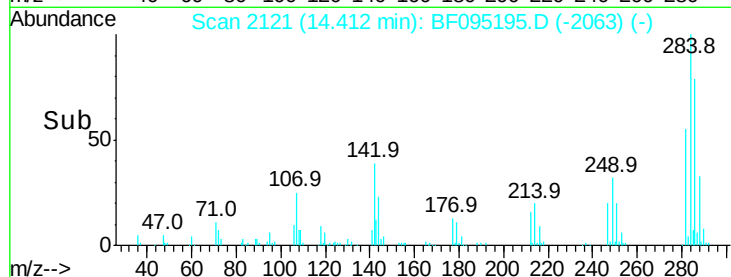
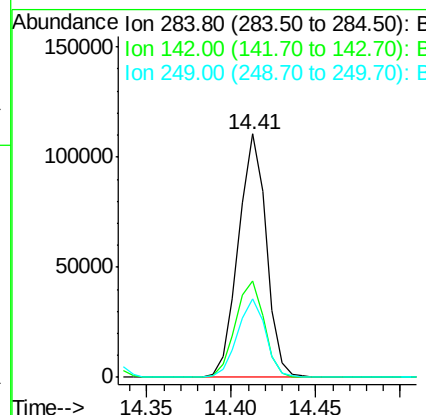
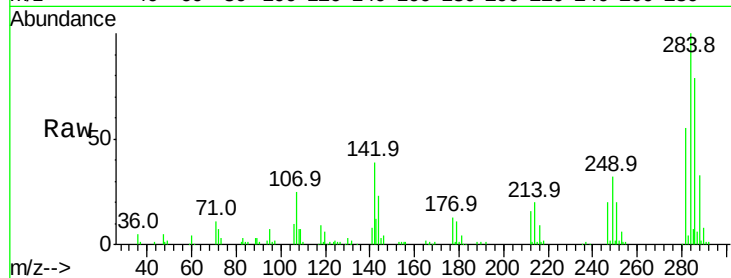




#67
Hexachlorobenzene
Concen: 43.60 ng
RT: 14.41 min Scan# 2121
Delta R.T. 0.04 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

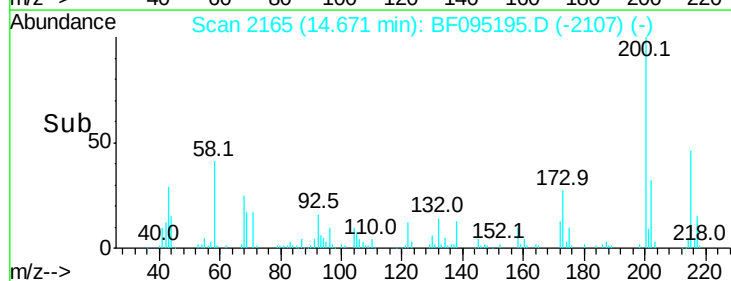
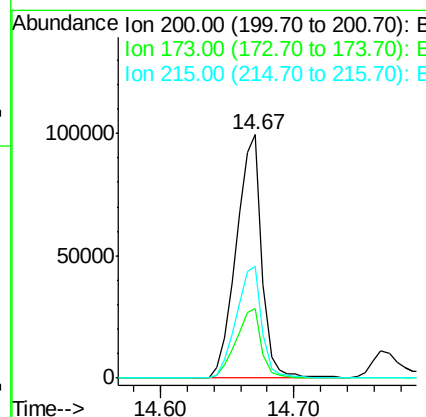
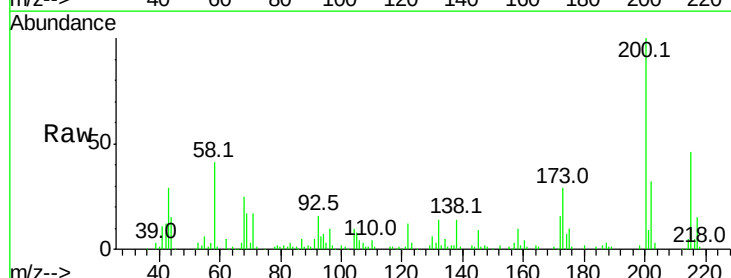
Instrument :
BNA_F
ClientSampled :

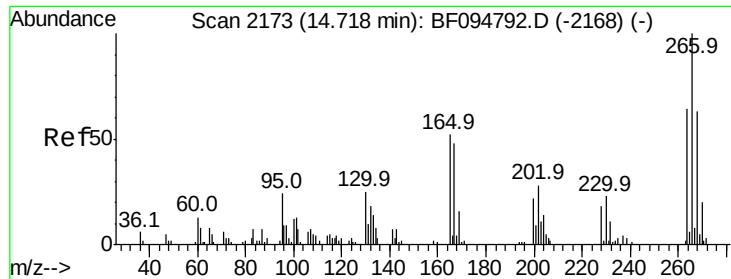
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.3	22.8	34.2#
249	32.2	24.0	36.0



#68
Atrazine
Concen: 48.25 ng
RT: 14.67 min Scan# 2165
Delta R.T. 0.04 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	6.3	46.3
215	46.1	27.2	67.2

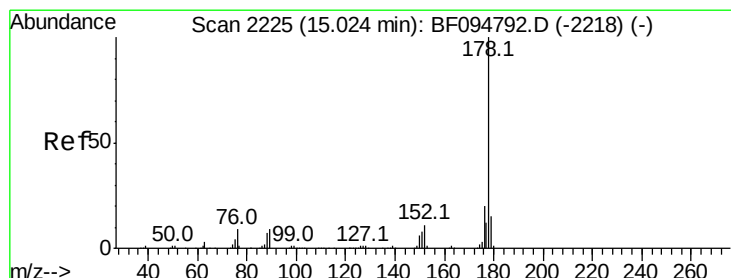
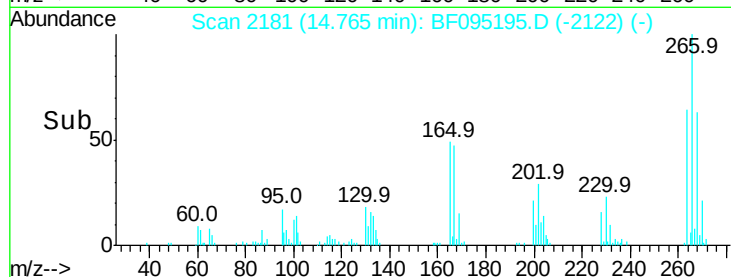
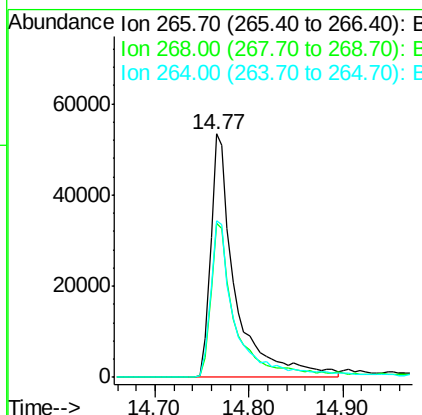
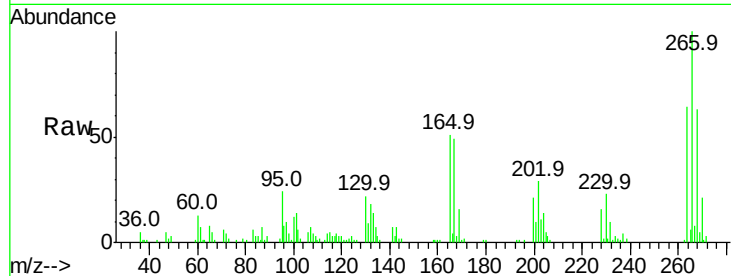




#69
 Pentachlorophenol
 Concen: 75.07 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. 0.05 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

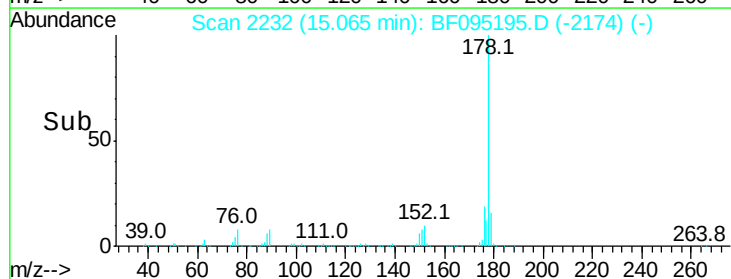
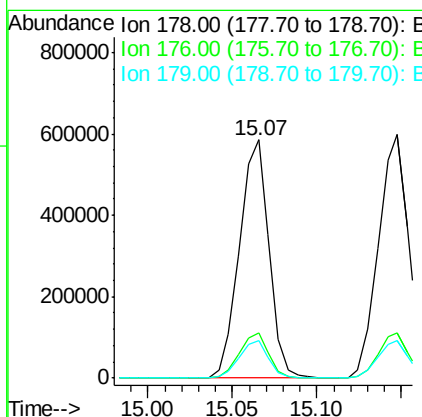
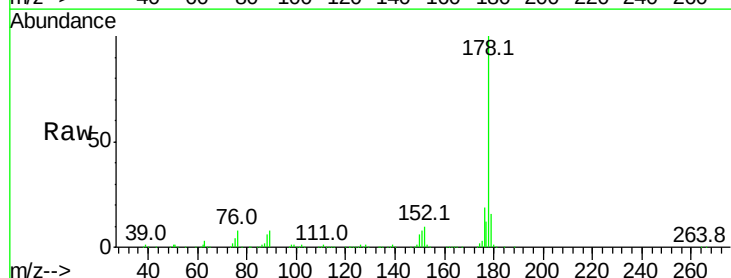
Instrument :
 BNA_F
 ClientSampleId :

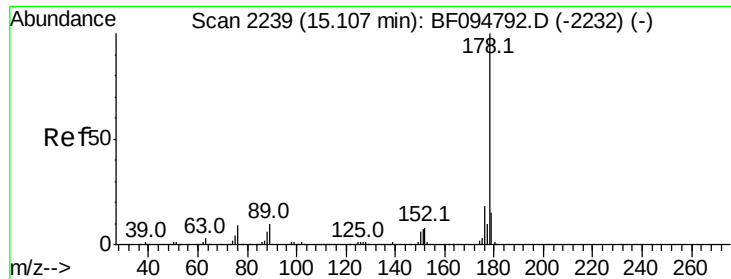
Tot Ion:266 Resp: 98442
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 64.4 51.7 77.5



#70
 Phenanthrene
 Concen: 46.19 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:178 Resp: 714690
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 15.5 12.6 19.0

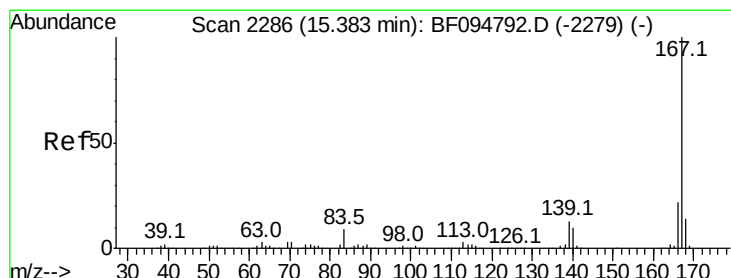
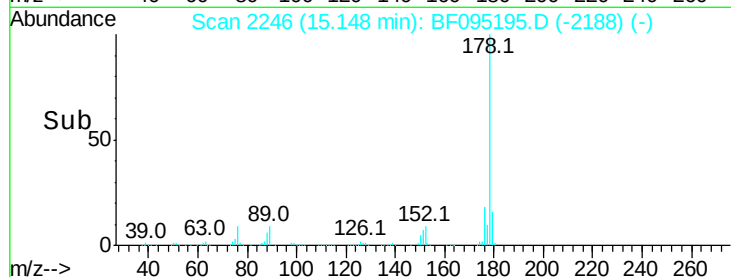
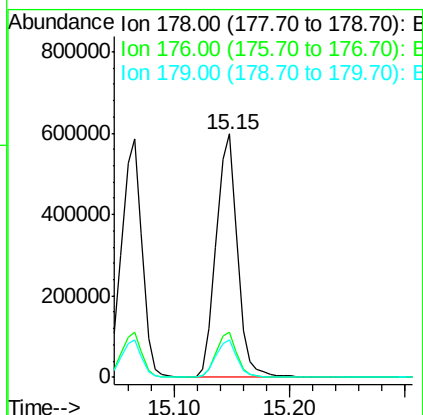
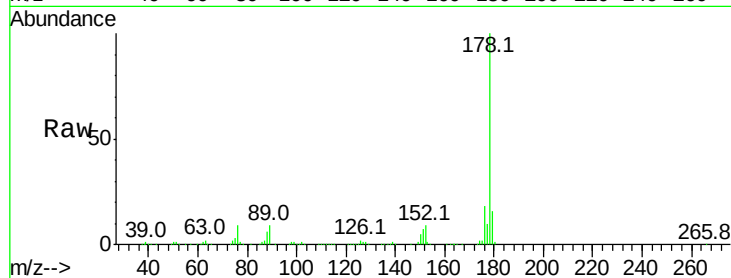




#71
 Anthracene
 Concen: 48.46 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

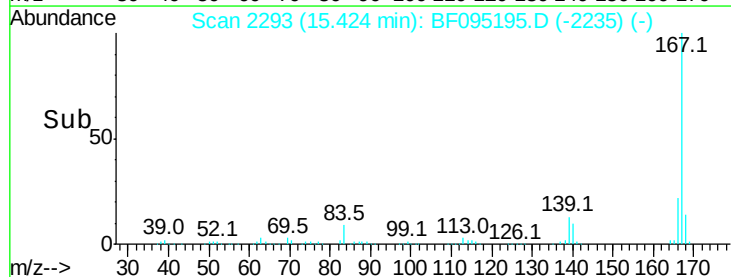
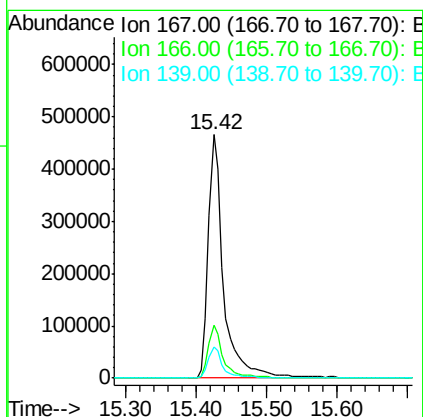
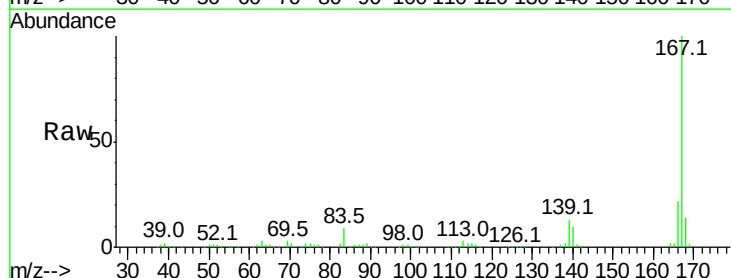
Instrument :
 BNA_F
 ClientSampleId :

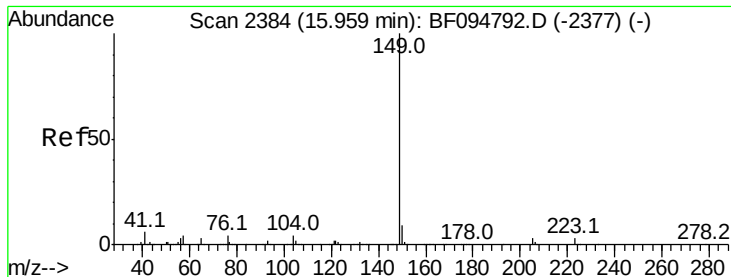
Tot Ion:178 Resp: 765801
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 49.08 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion:167 Resp: 705746
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.33 ng

RT: 15.99 min Scan# 2389

Delta R.T. 0.03 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

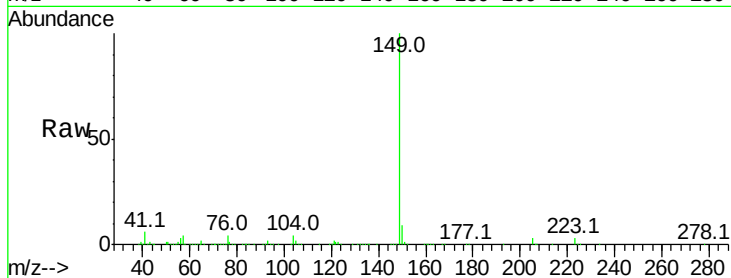
Tot Ion:149 Resp: 812878

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

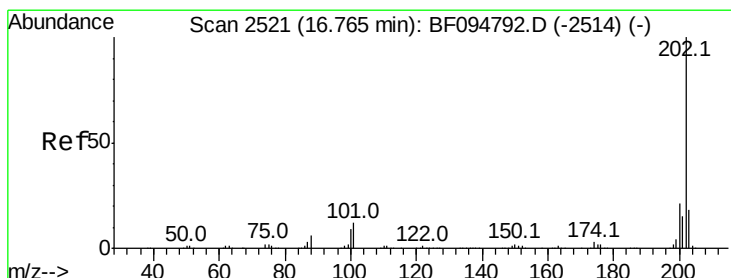
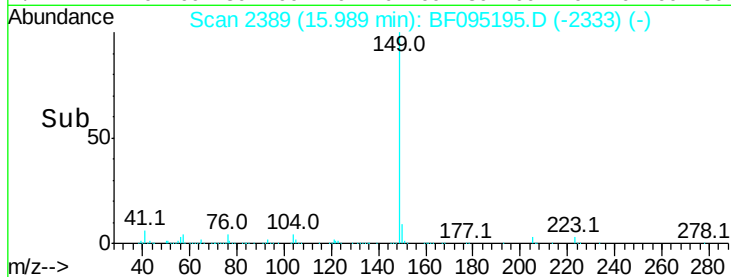
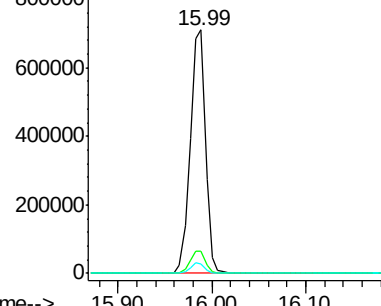
104 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.08 ng

RT: 16.80 min Scan# 2527

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

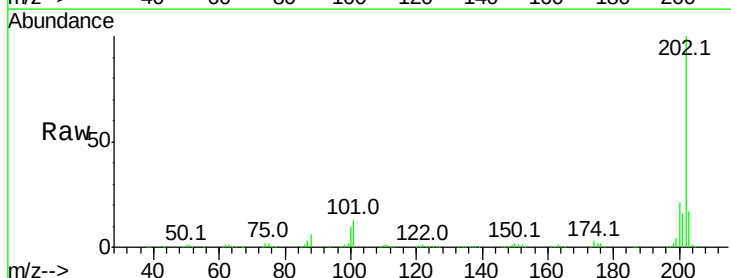
Tgt Ion:202 Resp: 763081

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

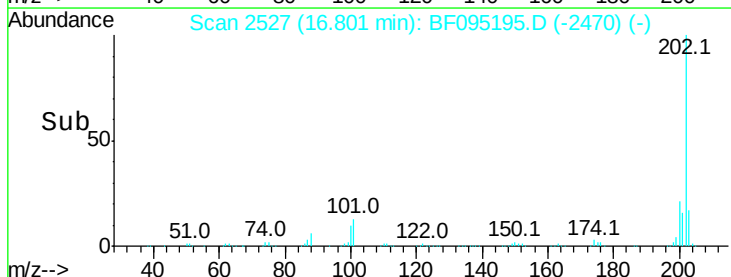
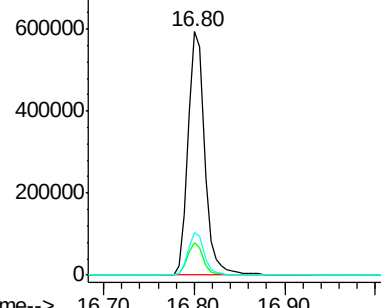
203 17.4 0.0 38.1

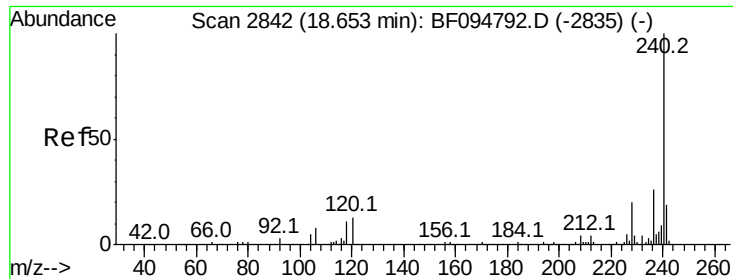


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

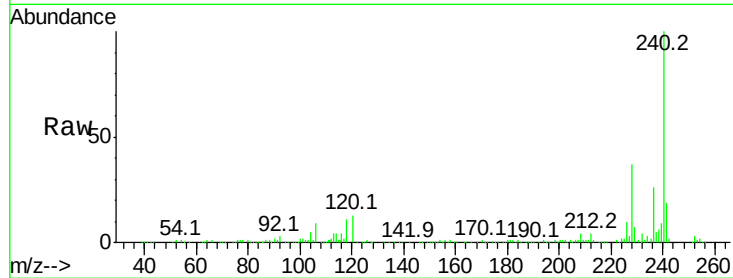
Tot Ion:240 Resp: 218691

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

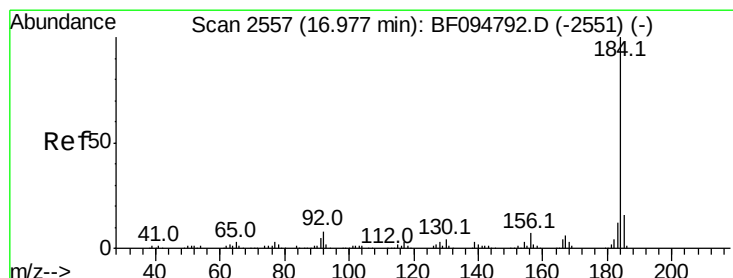
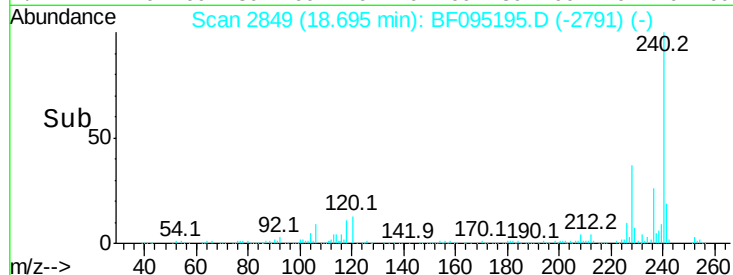
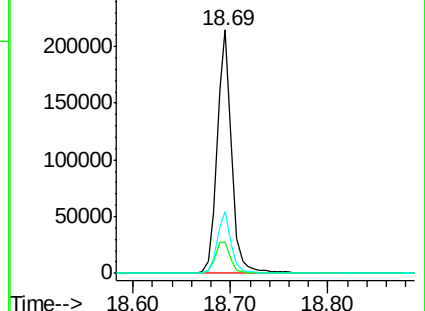
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.47 ng

RT: 17.02 min Scan# 2565

Delta R.T. 0.05 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

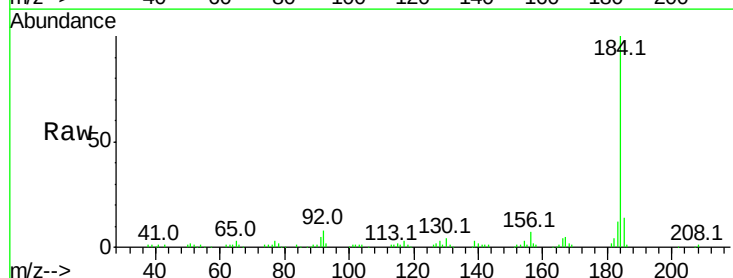
Tgt Ion:184 Resp: 191141

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

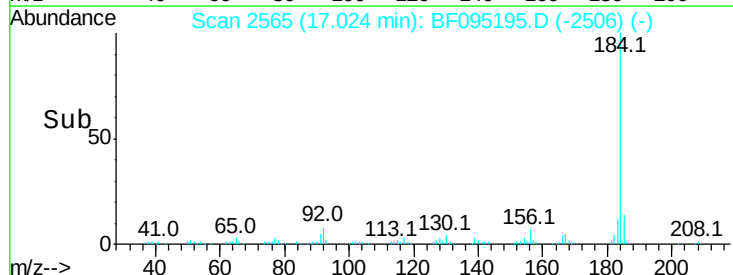
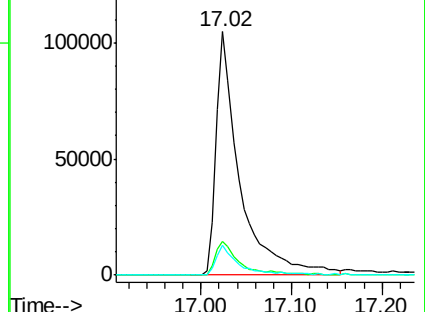
183 12.3 9.8 14.6

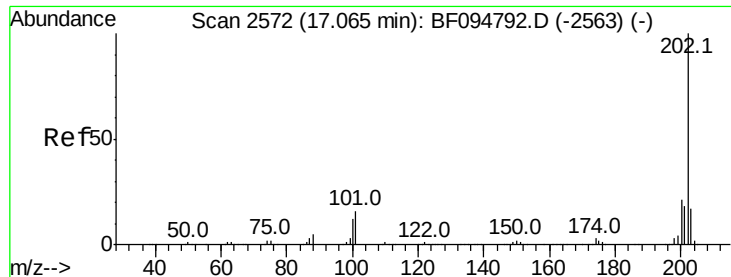


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.73 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.04 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

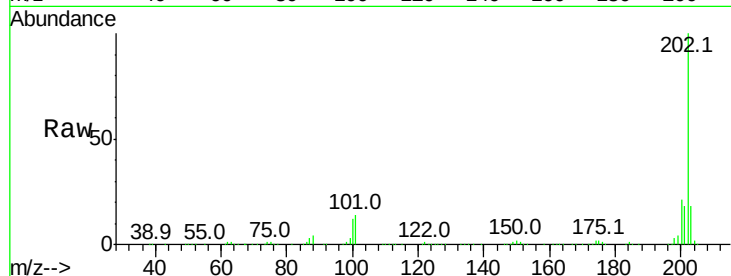
Tot Ion:202 Resp: 780644

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

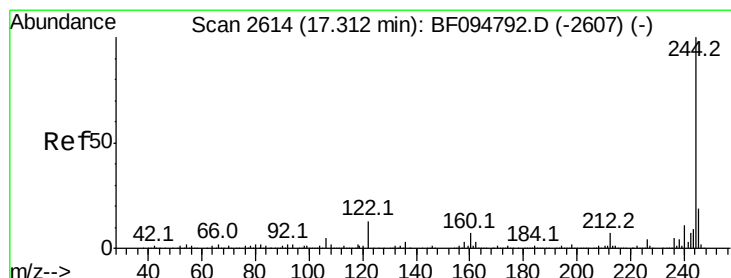
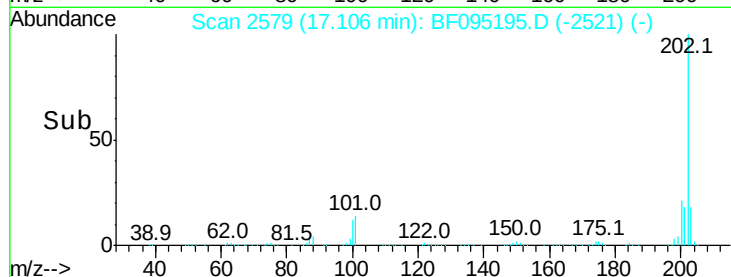
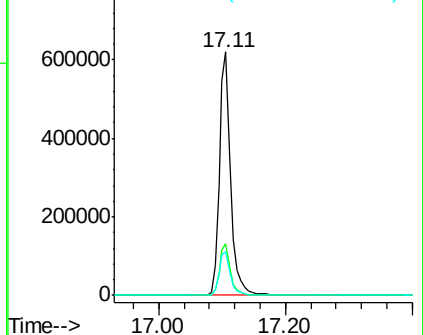
203 18.0 14.4 21.6



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: 85.41 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

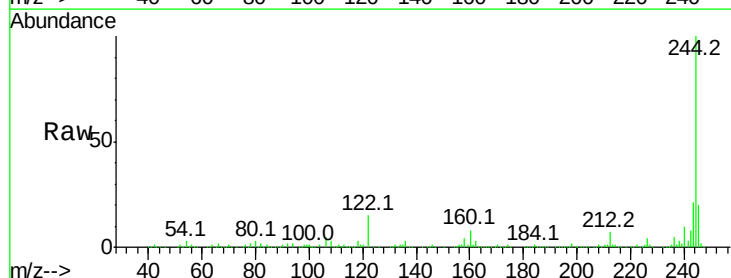
Tgt Ion:244 Resp: 848063

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

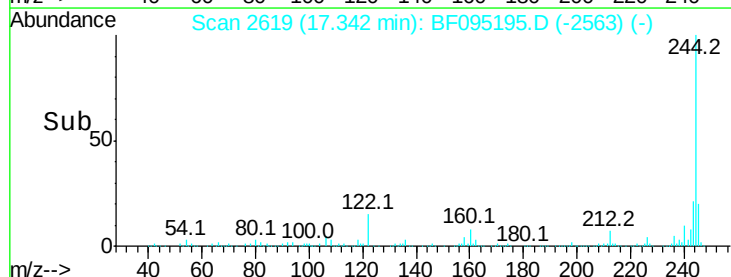
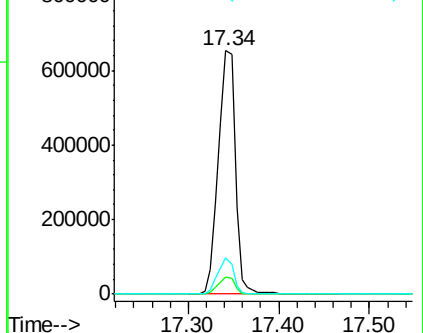
122 14.8 10.3 15.5

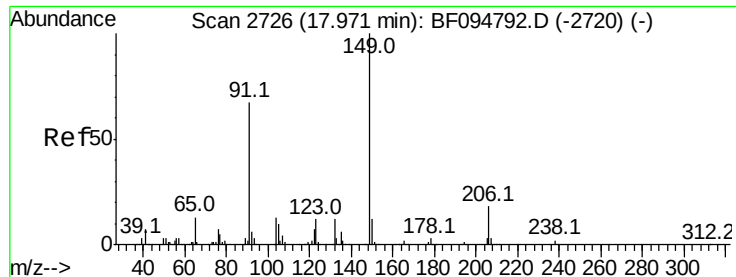


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

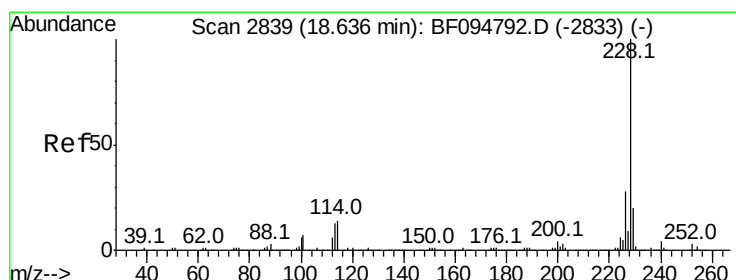
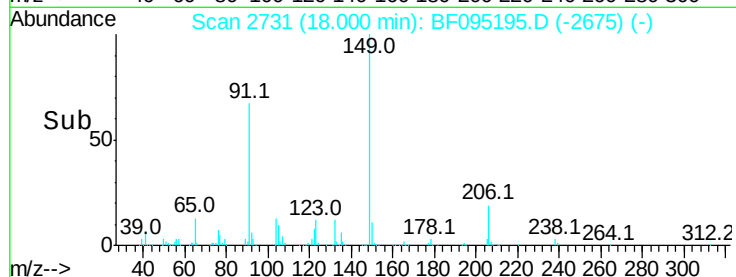
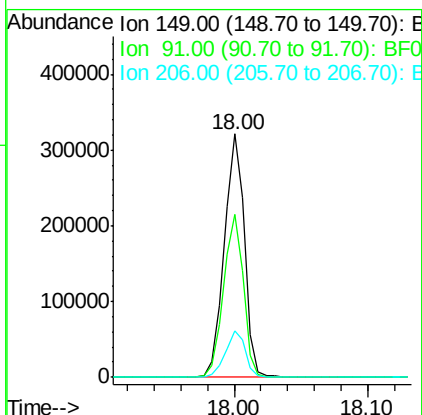
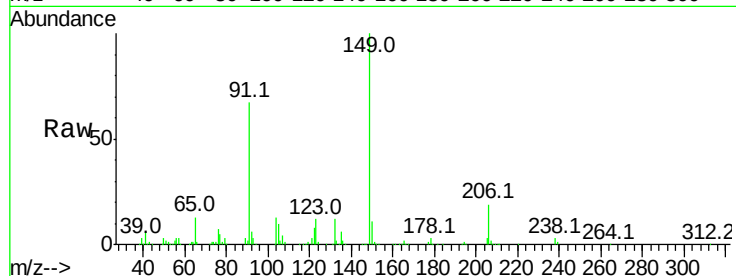




#79
Butylbenzylphthalate
Concen: 45.00 ng
RT: 18.00 min Scan# 2731
Delta R.T. 0.03 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

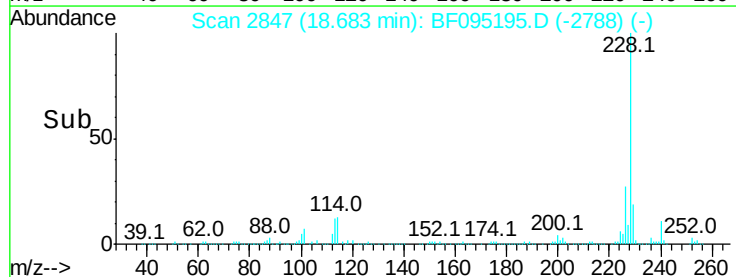
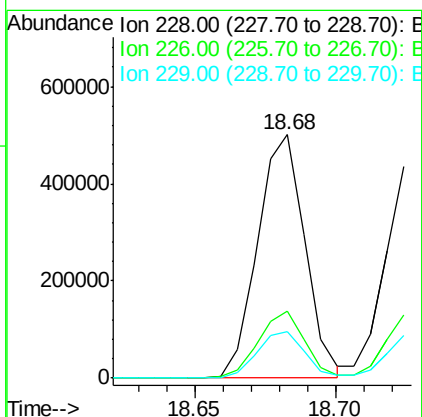
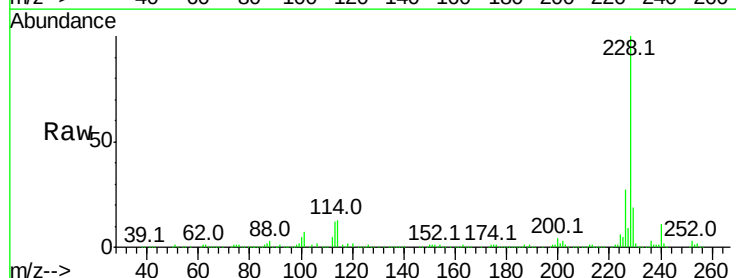
Instrument :
BNA_F
ClientSampleId :

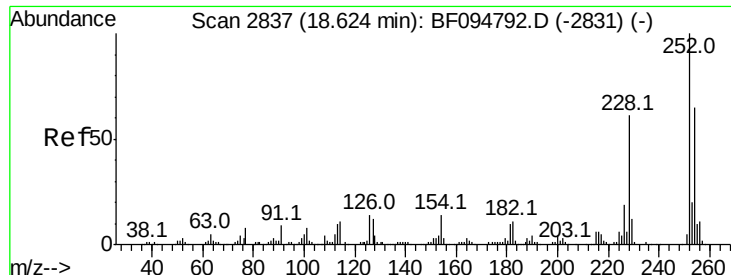
Tot Ion:149 Resp: 342378
Ion Ratio Lower Upper
149 100
91 67.1 45.0 67.4
206 18.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.70 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095195.D
Acq: 17 May 2017 20:38

Tgt Ion:228 Resp: 581654
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.2 16.3 24.5

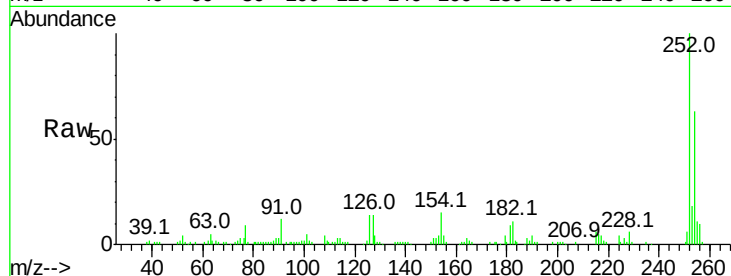




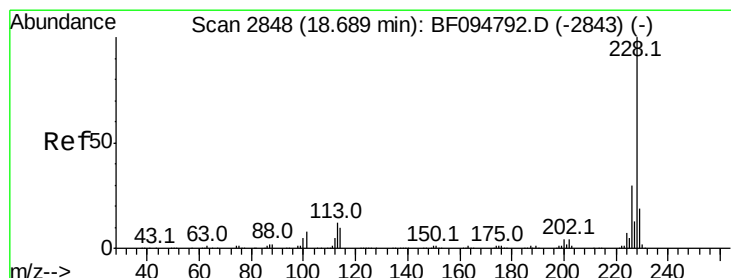
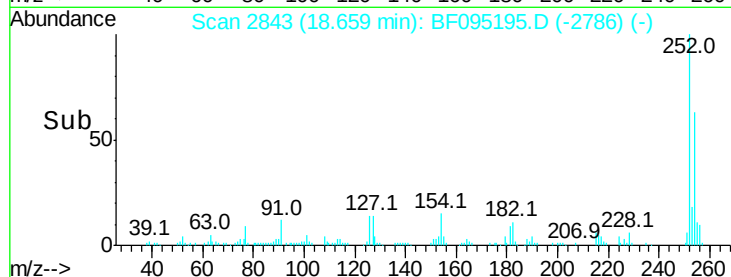
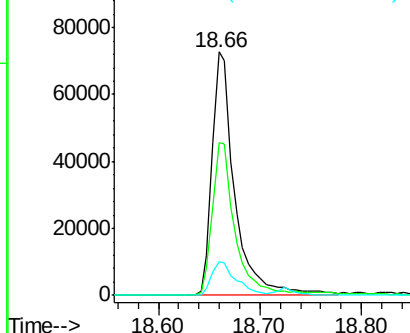
#81
 3,3'-Dichlorobenzidine
 Concen: 25.92 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	13.6	15.8	23.8

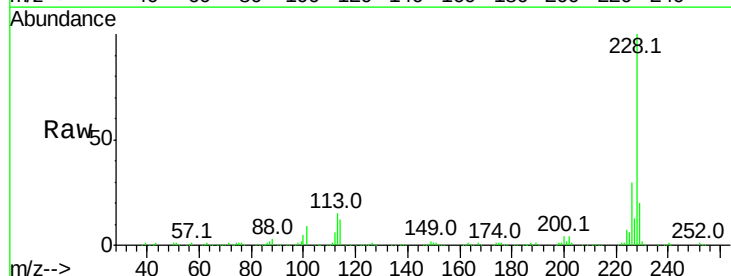


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

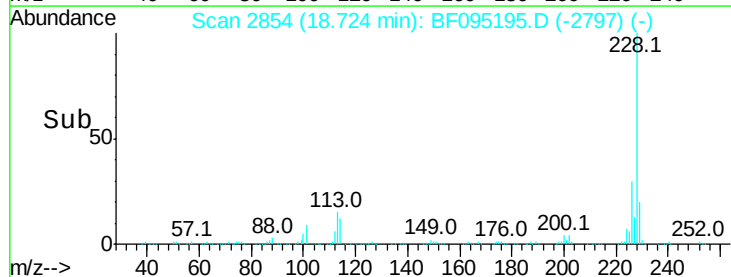
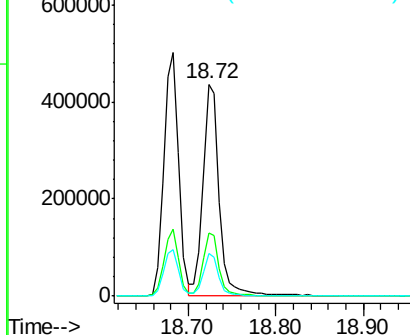


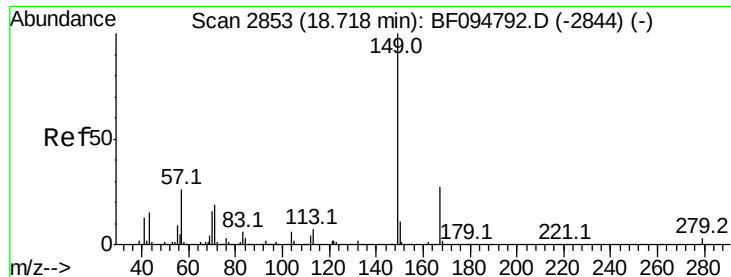
#82
 Chrysene
 Concen: 45.80 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. 0.04 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	19.9	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.23 ng

RT: 18.74 min Scan# 2857

Delta R.T. 0.02 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

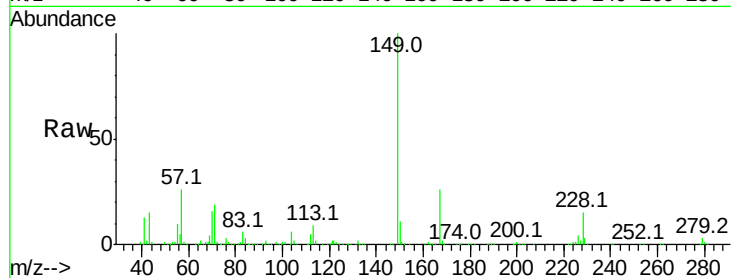
Tot Ion:149 Resp: 468540

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

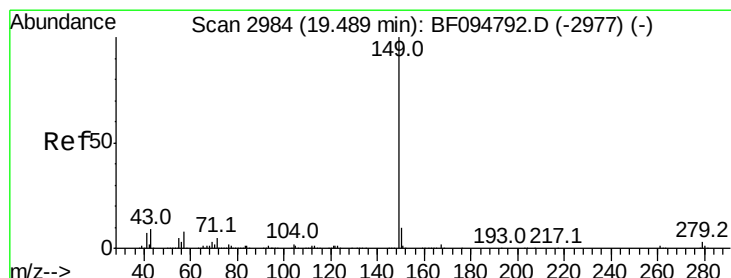
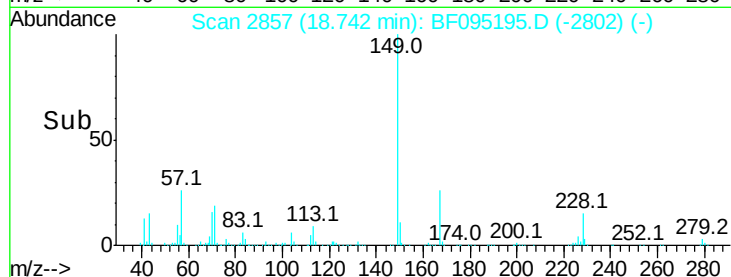
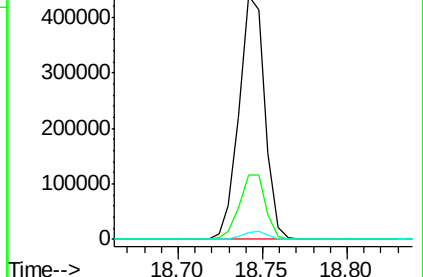
279 2.9 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.90 ng

RT: 19.51 min Scan# 2988

Delta R.T. 0.02 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

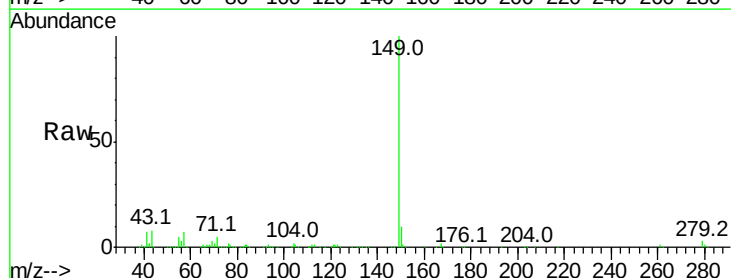
Tgt Ion:149 Resp: 726761

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

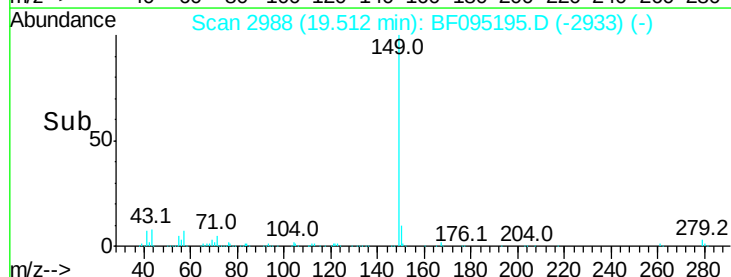
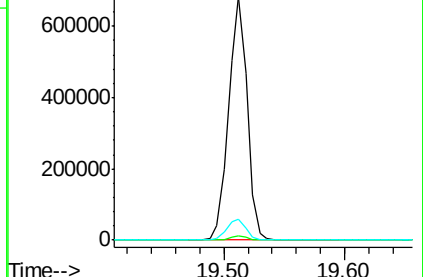
43 8.8 8.5 12.7

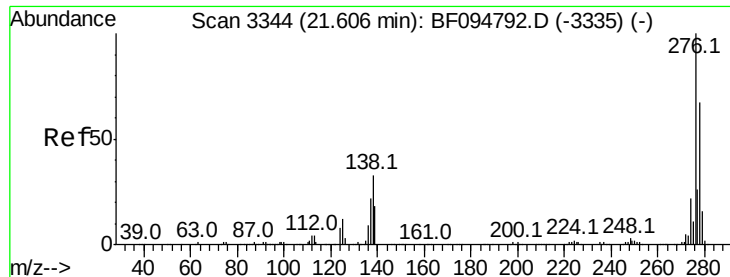


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

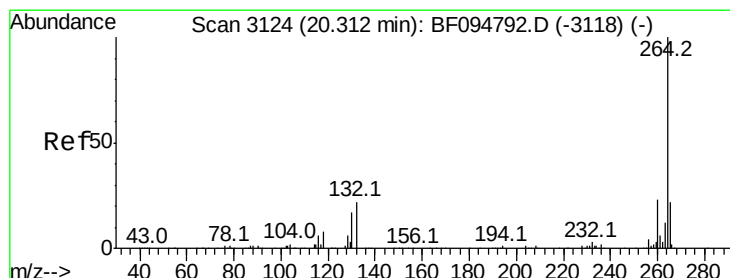
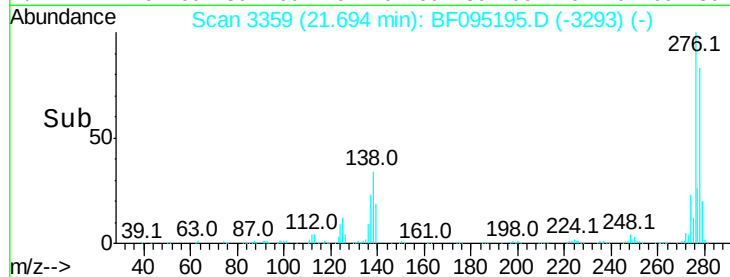
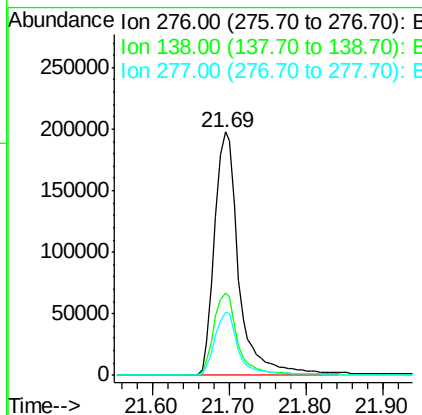
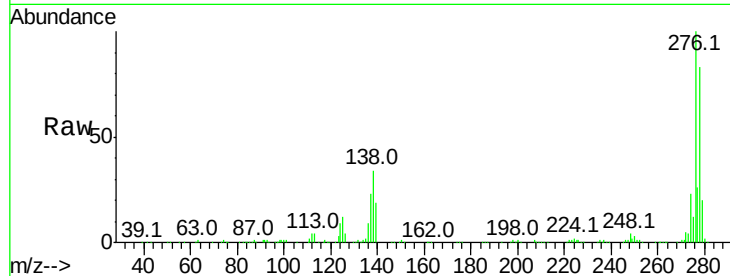




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.50 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. 0.09 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

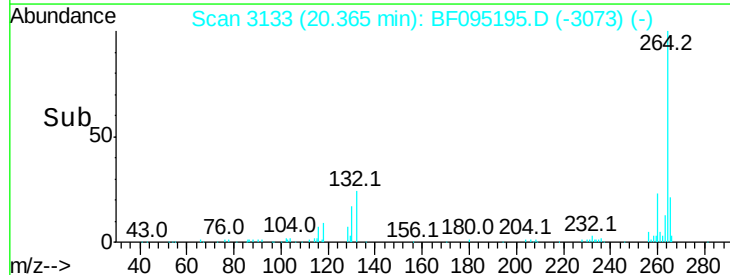
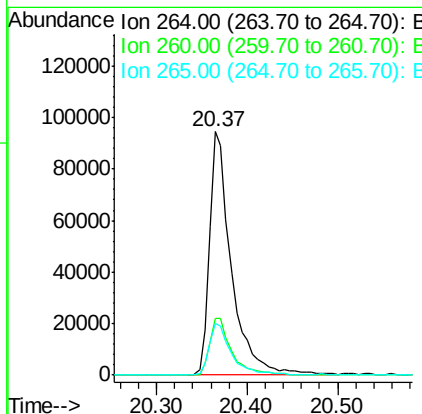
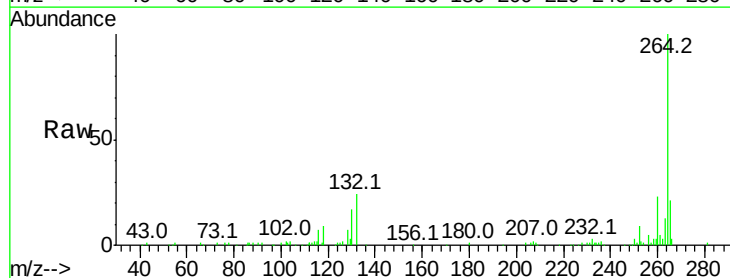
Instrument :
 BNA_F
 ClientSampled :

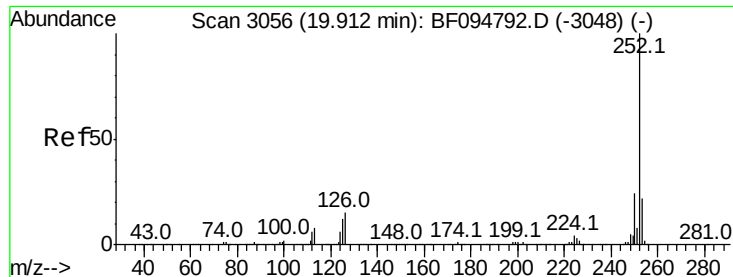
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.05 min
 Lab File: BF095195.D
 Acq: 17 May 2017 20:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.57 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

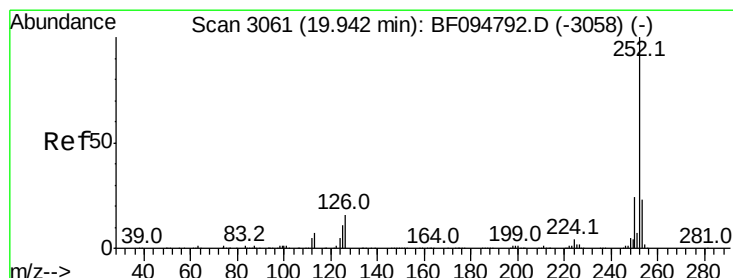
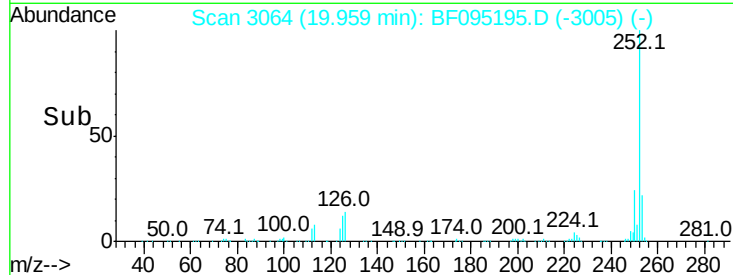
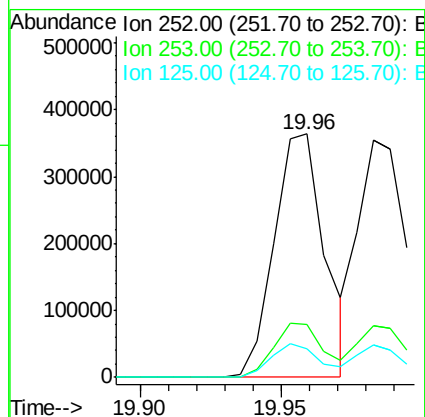
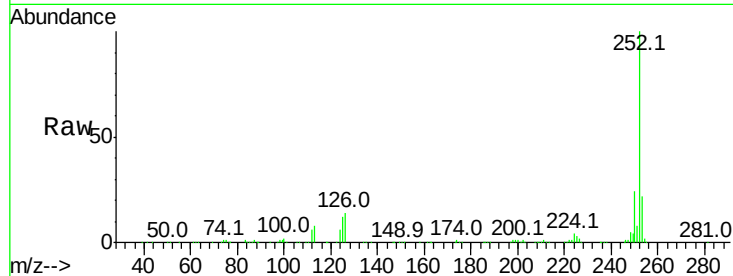
Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 451304

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.6	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 49.53 ng

RT: 19.98 min Scan# 3068

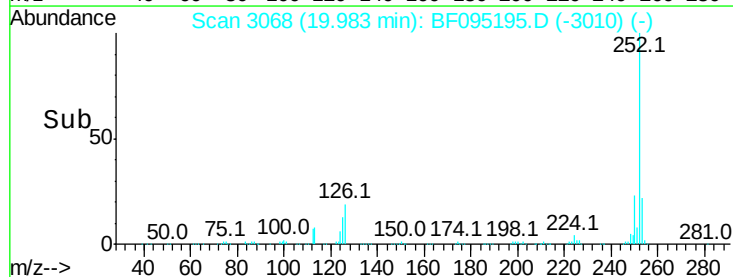
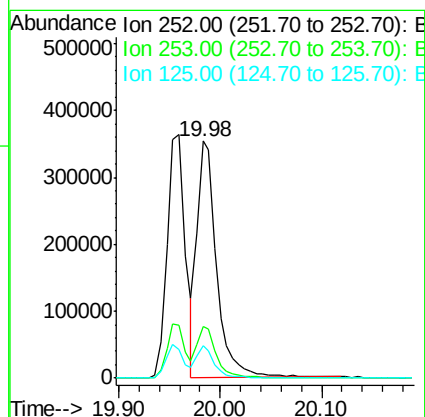
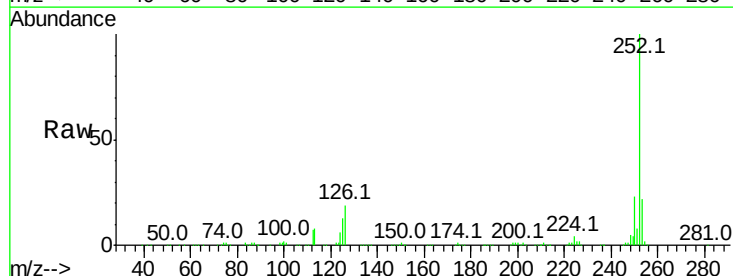
Delta R.T. 0.04 min

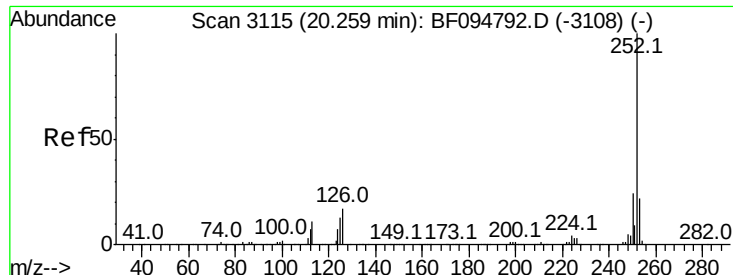
Lab File: BF095195.D

Acq: 17 May 2017 20:38

Tgt Ion:252 Resp: 473210

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.4	13.1	19.7





#89

Benzo(a)pyrene

Concen: 46.73 ng

RT: 20.31 min Scan# 3123

Delta R.T. 0.05 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

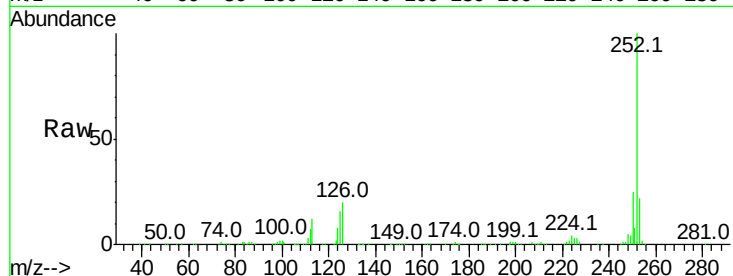
Tot Ion:252 Resp: 427119

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

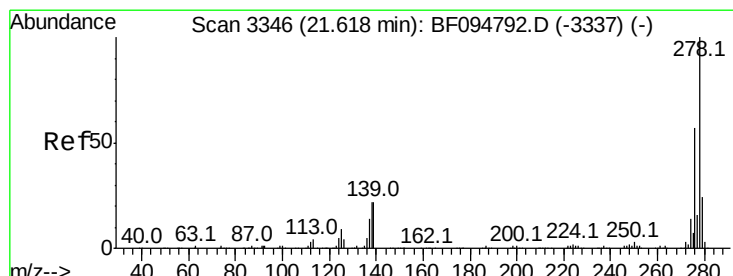
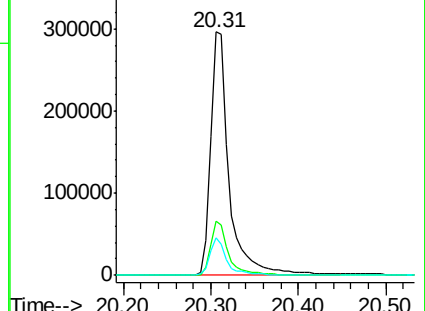
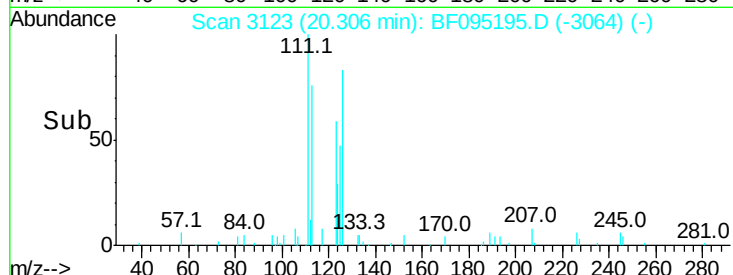
125 15.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.71 ng

RT: 21.70 min Scan# 3360

Delta R.T. 0.08 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

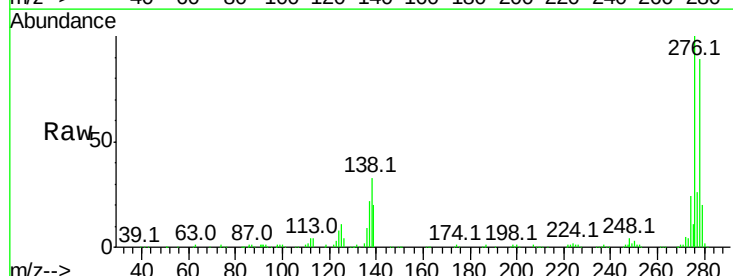
Tgt Ion:278 Resp: 352559

Ion Ratio Lower Upper

278 100

139 21.9 16.6 24.8

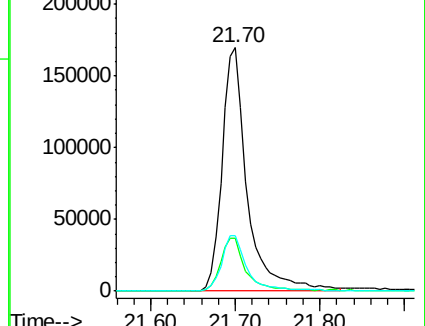
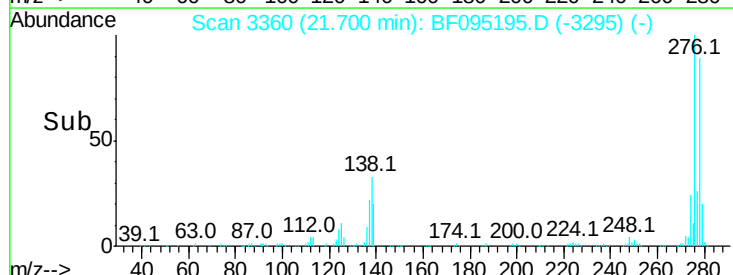
279 22.6 19.3 28.9

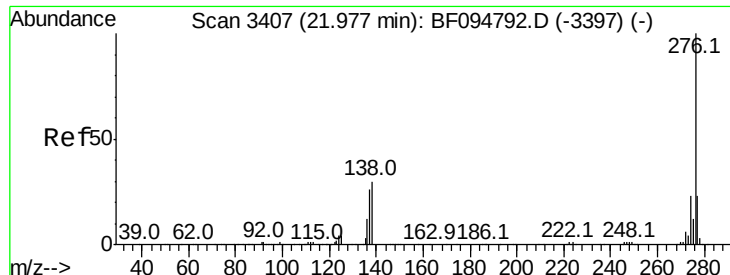


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.11 ng

RT: 22.08 min Scan# 3424

Delta R.T. 0.10 min

Lab File: BF095195.D

Acq: 17 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

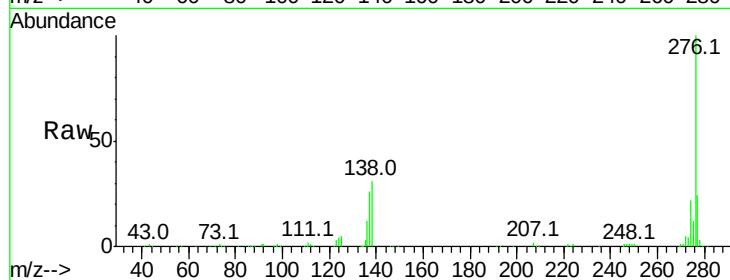
Tot Ion:276 Resp: 371137

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 30.7 25.4 38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

