

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095887.D
 Acq On : 12 Jun 2017 23:21
 Operator : SJ/MA
 Sample : IDOC-W-2
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:35:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	63622	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	273874	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	131166	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	244112	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	186737	20.00	ng	-0.04
86) Perylene-d12	19.99	264	133671	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	521848	130.70	ng	-0.03
7) Phenol-d6	6.92	99	624307	130.61	ng	-0.04
23) Nitrobenzene-d5	8.27	82	366368	83.08	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	141940	122.31	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	752058	79.79	ng	-0.05
78) Terphenyl-d14	16.97	244	683268	90.81	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	1.74	88	65891	34.69	ng	# 91
3) Pyridine	2.29	79	163791	36.69	ng	96
4) n-Nitrosodimethylamine	2.25	42	68644	40.45	ng	82
6) Aniline	6.85	93	170730	27.30	ng	93
8) 2-Chlorophenol	7.03	128	191378	45.08	ng	97
9) Benzaldehyde	6.67	77	68209	21.15	ng	98
10) Phenol	6.93	94	225504	45.48	ng	91
11) bis(2-Chloroethyl)ether	7.00	93	166628	42.42	ng	94
12) 1,3-Dichlorobenzene	7.25	146	194932	40.57	ng	98
13) 1,4-Dichlorobenzene	7.37	146	198785	40.79	ng	98
14) 1,2-Dichlorobenzene	7.61	146	190339	42.37	ng	96
15) Benzyl Alcohol	7.66	79	146962	44.79	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	229966	41.67	ng	94
17) 2-Methylphenol	7.89	107	157849	44.31	ng	97
18) Hexachloroethane	8.12	117	67653	42.04	ng	# 87
19) n-Nitroso-di-n-propylamine	8.09	70	131727	43.49	ng	93
20) 3+4-Methylphenols	8.15	107	203402	44.98	ng	# 59
22) Acetophenone	8.05	105	264818	41.31	ng	# 83
24) Nitrobenzene	8.30	77	184582	39.18	ng	96
25) Isophorone	8.70	82	338565	41.12	ng	95
26) 2-Nitrophenol	8.81	139	105586	42.80	ng	97
27) 2,4-Dimethylphenol	8.96	122	172071	44.95	ng	98
28) bis(2-Chloroethoxy)methane	9.08	93	222698	41.03	ng	98
29) 2,4-Dichlorophenol	9.25	162	157869	42.82	ng	98
30) 1,2,4-Trichlorobenzene	9.32	180	154692	40.32	ng	98
31) Naphthalene	9.42	128	543836	39.57	ng	99
32) Benzoic acid	9.33	122	82635	35.97	ng	94
33) 4-Chloroaniline	9.59	127	79929	14.88	ng	# 91
34) Hexachlorobutadiene	9.63	225	78594	39.65	ng	98
35) Caprolactam	10.20	113	27950	25.48	ng	# 81
36) 4-Chloro-3-methylphenol	10.45	107	171617	44.47	ng	90
37) 2-Methylnaphthalene	10.55	142	386479	41.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	151606	38.62	ng	99
40) Hexachlorocyclopentadiene	10.79	237	83573	69.62	ng	99

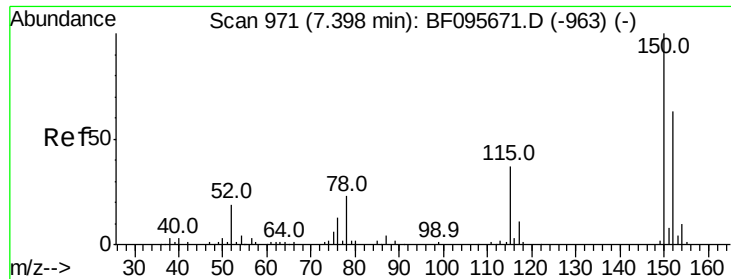
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095887.D
 Acq On : 12 Jun 2017 23:21
 Operator : SJ/MA
 Sample : IDOC-W-2
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:35:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	100750	39.92	nq	96
43) 2,4,5-Trichlorophenol	11.15	196	99214	36.96	nq #	91
45) 1,1'-Biphenyl	11.31	154	434678	40.21	nq	97
46) 2-Chloronaphthalene	11.32	162	337221	39.92	nq	93
47) 2-Nitroaniline	11.55	65	101877	41.22	nq #	79
48) Acenaphthylene	11.97	152	537487	37.21	nq	99
49) Dimethylphthalate	11.87	163	408684	41.04	nq	99
50) 2,6-Dinitrotoluene	11.96	165	89522	41.21	nq #	82
51) Acenaphthene	12.26	154	320301	38.40	nq	99
52) 3-Nitroaniline	12.23	138	58575	23.14	nq #	91
53) 2,4-Dinitrophenol	12.46	184	87464	71.83	nq #	66
54) Dibenzofuran	12.54	168	498024	42.42	nq	95
55) 4-Nitrophenol	12.64	139	98009	67.12	nq #	70
56) 2,4-Dinitrotoluene	12.64	165	128021	43.63	nq #	88
57) Fluorene	13.10	166	403080	39.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	84003	45.73	nq #	91
59) Diethylphthalate	13.02	149	404981	42.25	nq	99
60) 4-Chlorophenyl-phenylether	13.13	204	177947	40.05	nq	87
61) 4-Nitroaniline	13.23	138	98835	41.83	nq	95
62) Azobenzene	13.39	77	375228	43.20	nq	94
64) 4,6-Dinitro-2-methylphenol	13.31	198	61351	38.24	nq #	70
65) n-Nitrosodiphenylamine	13.34	169	346811	39.54	nq	97
66) 4-Bromophenyl-phenylether	13.91	248	103490	40.79	nq	98
67) Hexachlorobenzene	13.99	284	101917	40.77	nq #	88
68) Atrazine	14.27	200	104027	42.61	nq	96
69) Pentachlorophenol	14.36	266	53495	58.38	nq	97
70) Phenanthrene	14.64	178	575347	40.85	nq	97
71) Anthracene	14.73	178	599234	40.75	nq	97
72) Carbazole	15.02	167	557648	38.91	nq	97
73) Di-n-butylphthalate	15.62	149	662304	43.44	nq	98
74) Fluoranthene	16.42	202	595397	42.71	nq	99
76) Benzidine	16.64	184	239126	33.34	nq #	93
77) Pyrene	16.72	202	603623	43.32	nq	99
79) Butylbenzylphthalate	17.64	149	275922	45.34	nq	89
80) Benzo(a)anthracene	18.31	228	453642	41.78	nq	99
81) 3,3'-Dichlorobenzidine	18.29	252	86412	22.39	nq	97
82) Chrysene	18.35	228	449451	41.42	nq	98
83) Bis(2-ethylhexyl)phthalate	18.39	149	380771	44.36	nq	99
84) Di-n-octyl phthalate	19.16	149	606963	42.91	nq	96
85) Indeno(1,2,3-cd)pyrene	21.15	276	331452	35.70	nq	100
87) Benzo(b)fluoranthene	19.58	252	341289	40.78	nq	97
88) Benzo(k)fluoranthene	19.61	252	367384	45.92	nq	95
89) Benzo(a)pyrene	19.93	252	324400	42.17	nq	99
90) Dibenzo(a,h)anthracene	21.15	278	276421	42.36	nq	96
91) Benzo(g,h,i)perylene	21.48	276	288188	43.32	nq	96

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

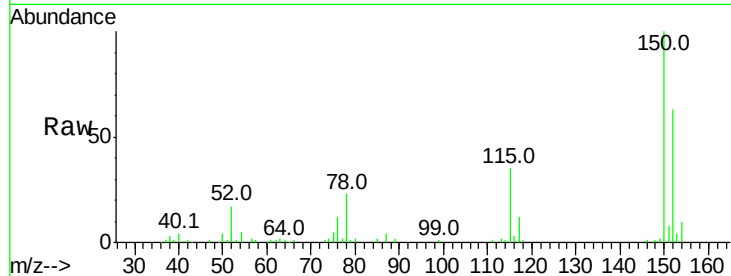


#1

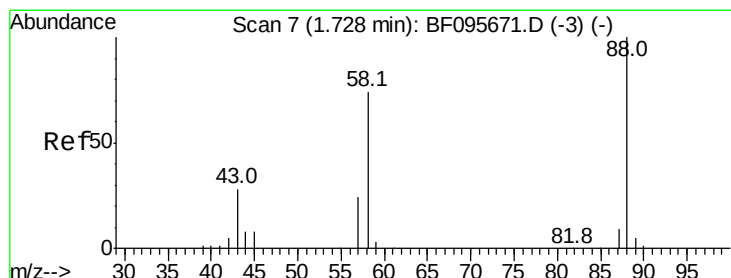
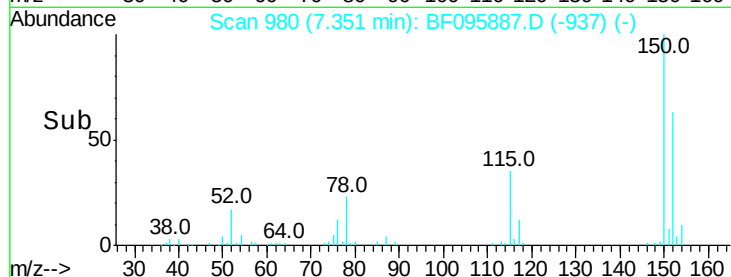
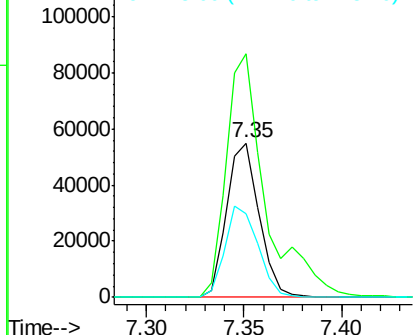
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63622
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 54.5 52.2 78.2



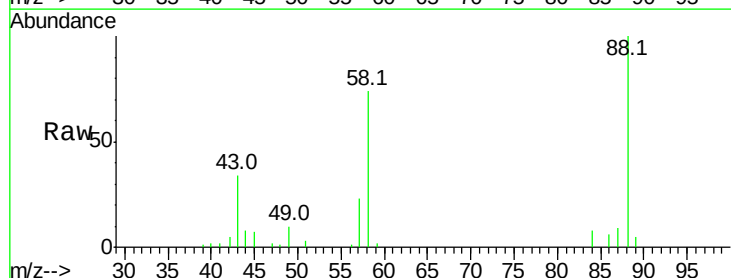
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



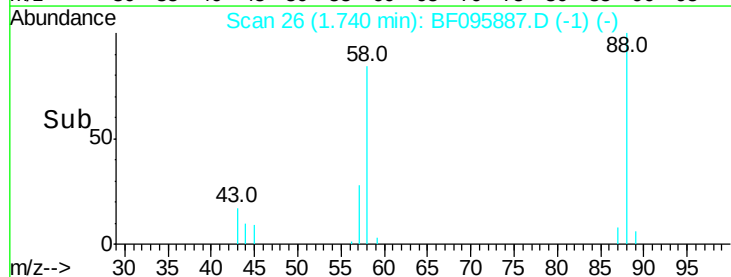
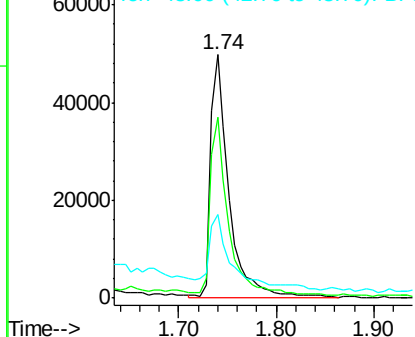
#2

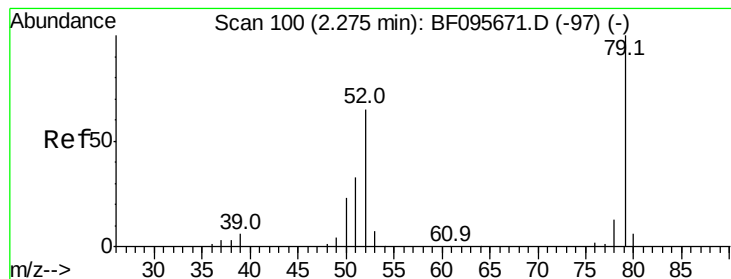
1,4-Dioxane
Concen: 34.69 ng
RT: 1.74 min Scan# 26
Delta R.T. 0.01 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion: 88 Resp: 65891
Ion Ratio Lower Upper
88 100
58 71.3 61.4 92.0
43 37.3 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: 36.69 ng

RT: 2.29 min Scan# 119

Delta R.T. 0.01 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampled :

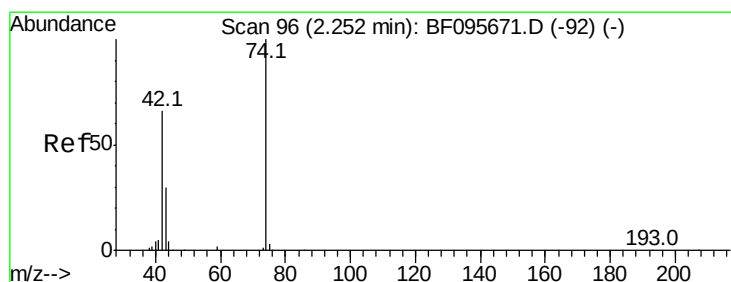
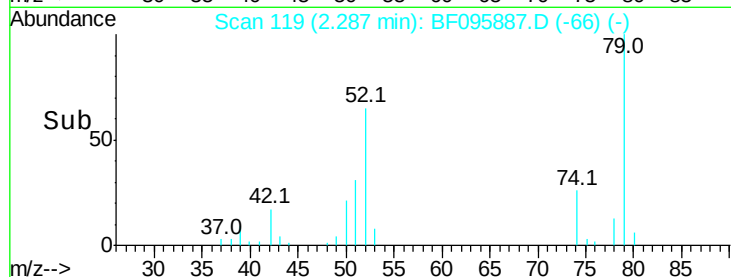
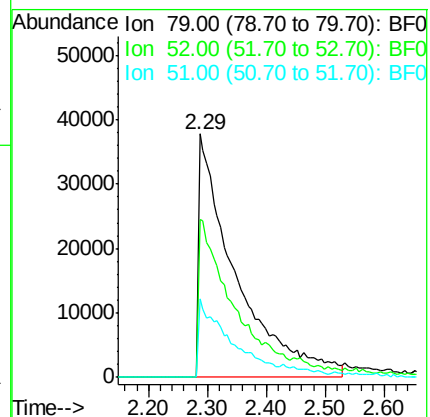
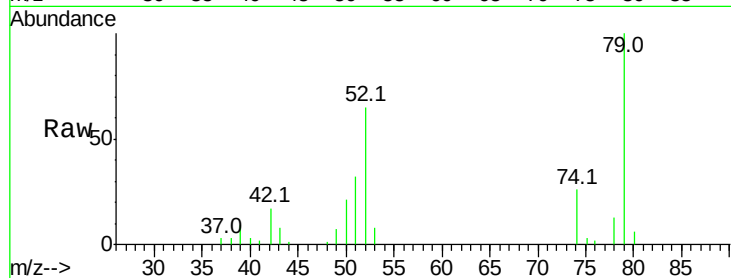
Tot Ion: 79 Resp: 163791

Ion Ratio Lower Upper

79 100

52 64.7 54.8 82.2

51 32.2 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.45 ng

RT: 2.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

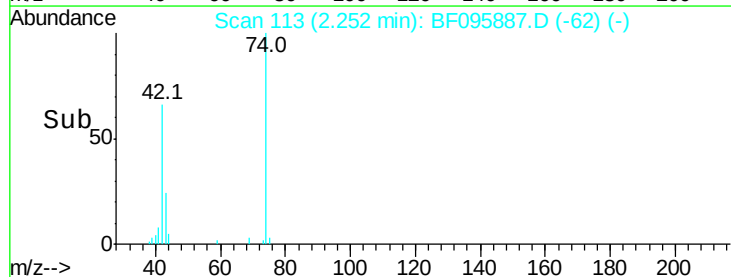
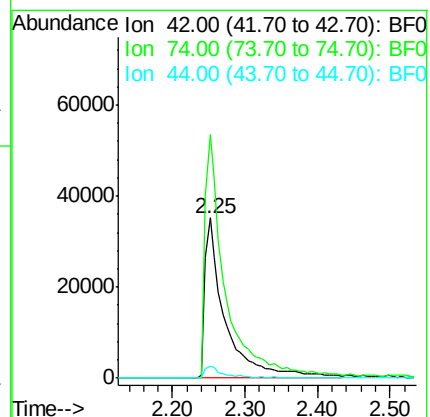
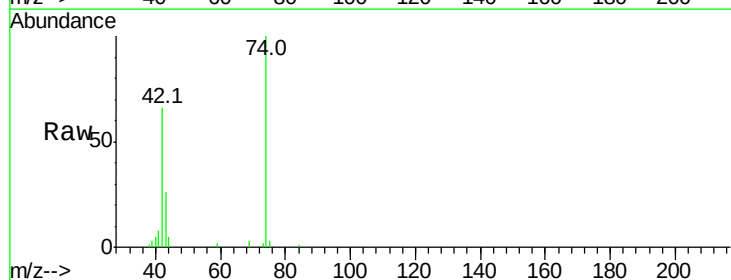
Tgt Ion: 42 Resp: 68644

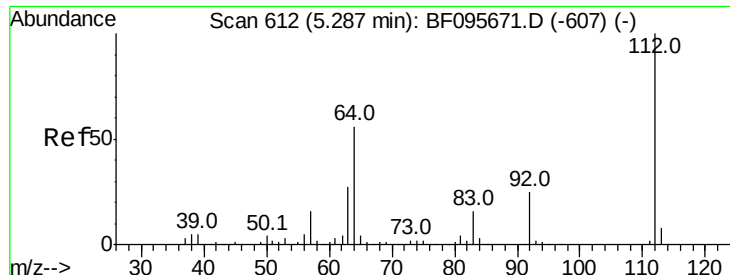
Ion Ratio Lower Upper

42 100

74 152.4 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 130.70 ng

RT: 5.25 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

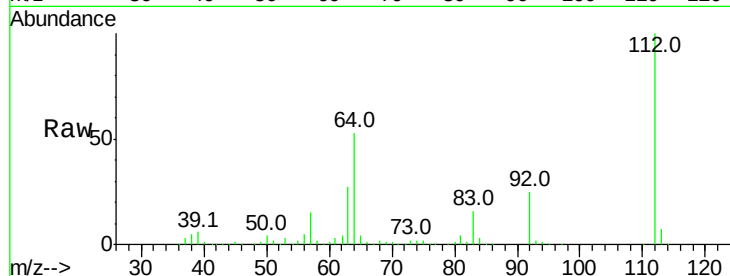
Tot Ion:112 Resp: 521848

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

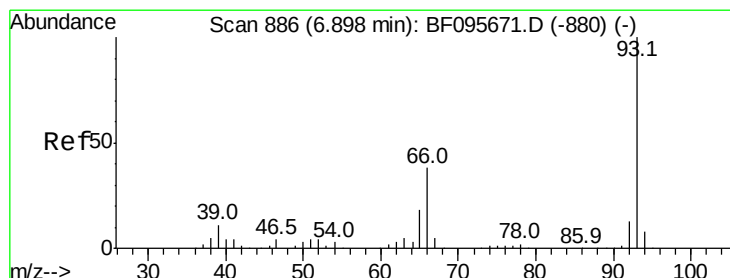
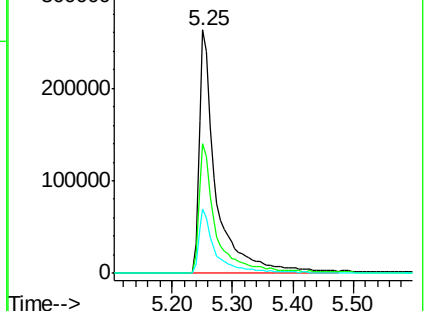
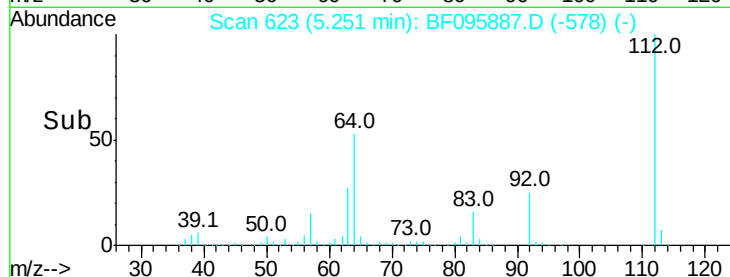
63 26.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.30 ng

RT: 6.85 min Scan# 895

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

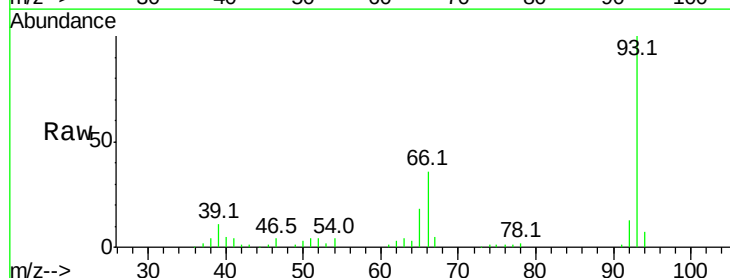
Tgt Ion: 93 Resp: 170730

Ion Ratio Lower Upper

93 100

66 36.4 32.9 49.3

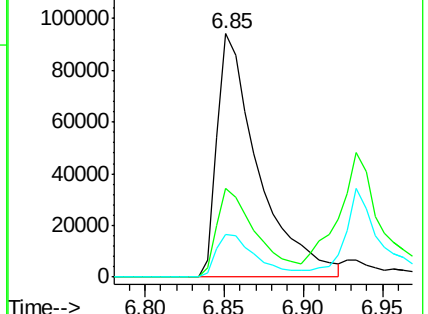
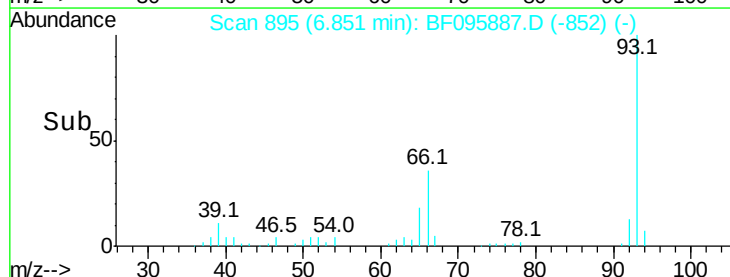
65 17.8 16.0 24.0

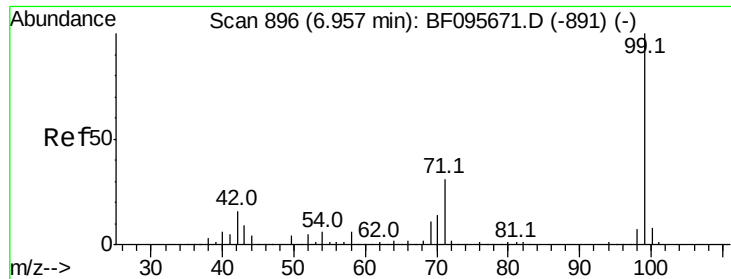


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.61 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampled :

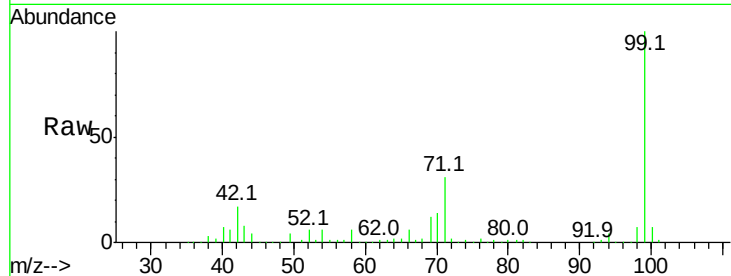
Tot Ion: 99 Resp: 624307

Ion Ratio Lower Upper

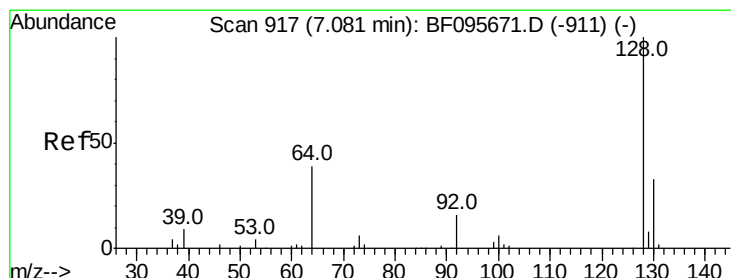
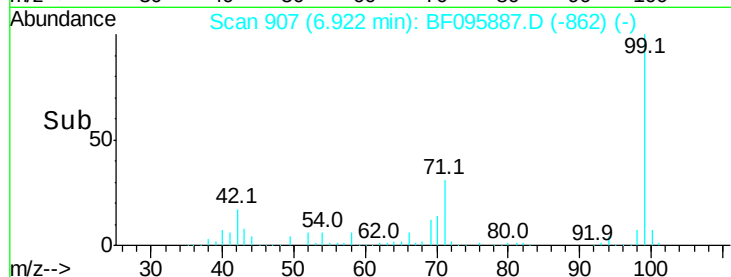
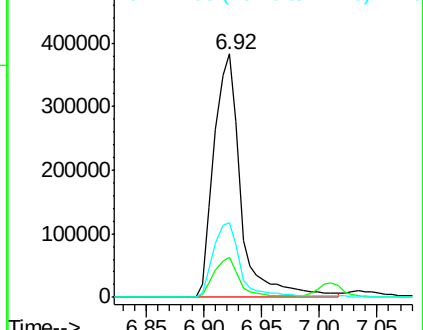
99 100

42 16.7 13.5 20.3

71 30.6 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: 45.08 ng

RT: 7.03 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

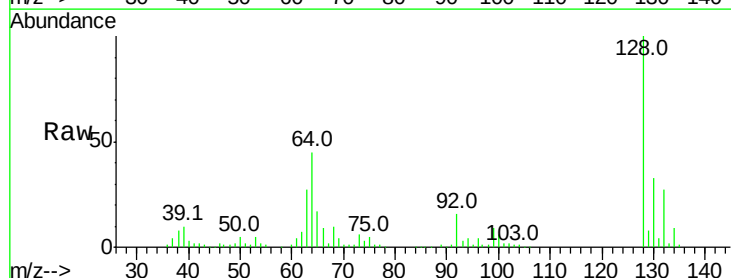
Tgt Ion:128 Resp: 191378

Ion Ratio Lower Upper

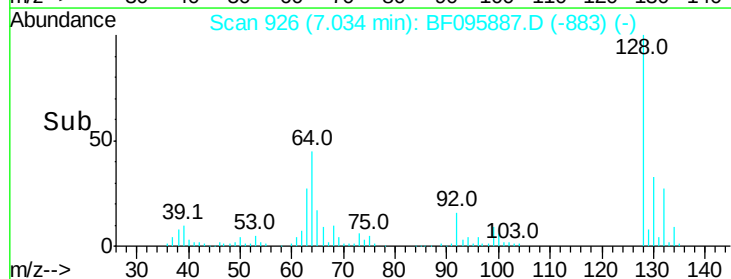
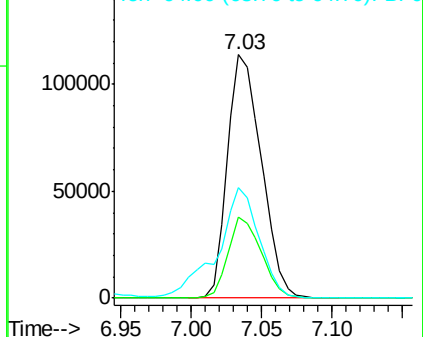
128 100

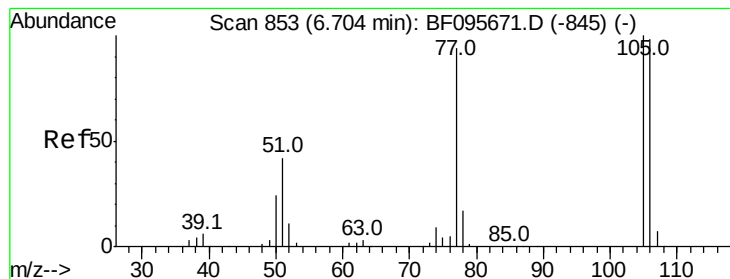
130 33.2 12.9 52.9

64 45.2 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: 21.15 ng

RT: 6.67 min Scan# 864

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

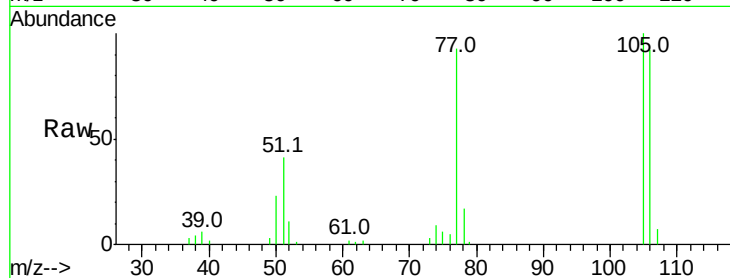
Tot Ion: 77 Resp: 68209

Ion Ratio Lower Upper

77 100

105 107.2 83.8 123.8

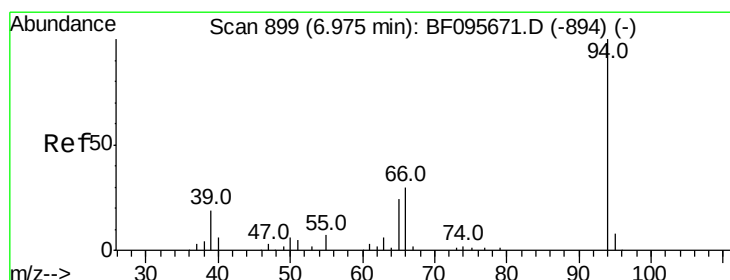
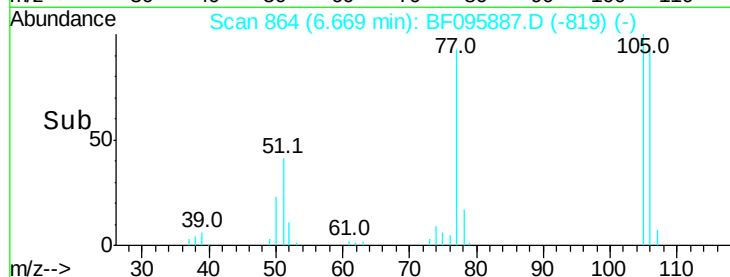
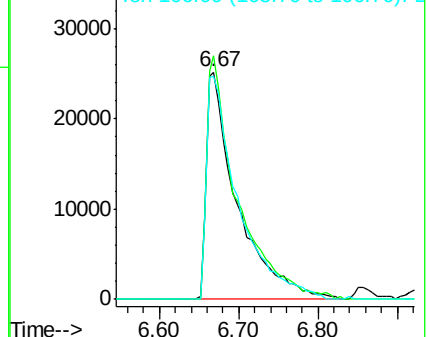
106 98.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.48 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

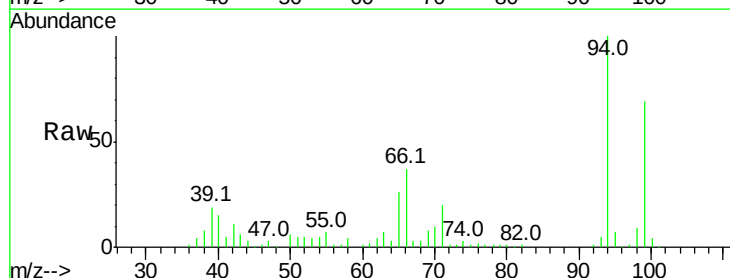
Tgt Ion: 94 Resp: 225504

Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

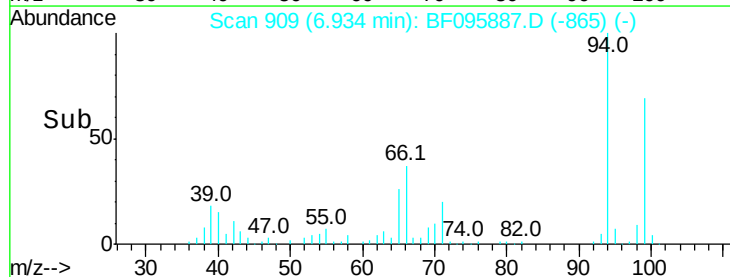
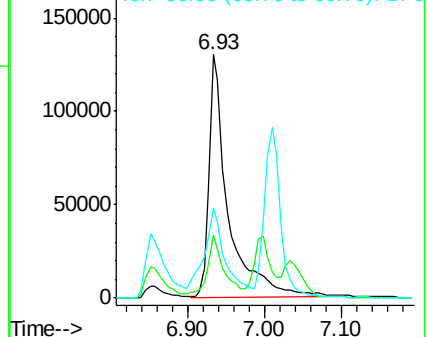
66 36.8 23.1 63.1

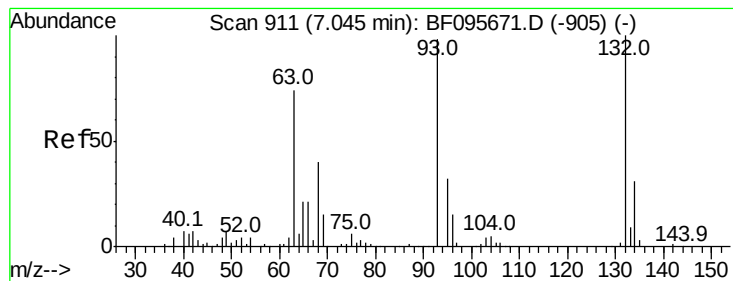


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.42 ng

RT: 7.00 min Scan# 920

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampled :

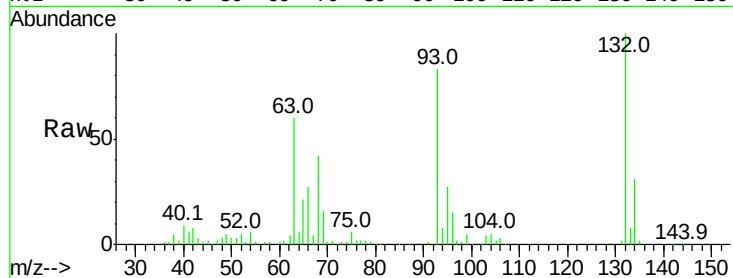
Tot Ion: 93 Resp: 166628

Ion Ratio Lower Upper

93 100

63 71.8 59.2 99.2

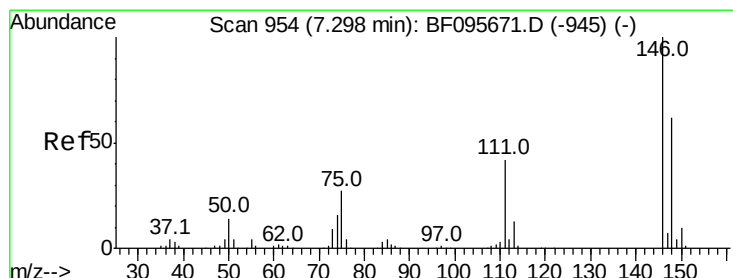
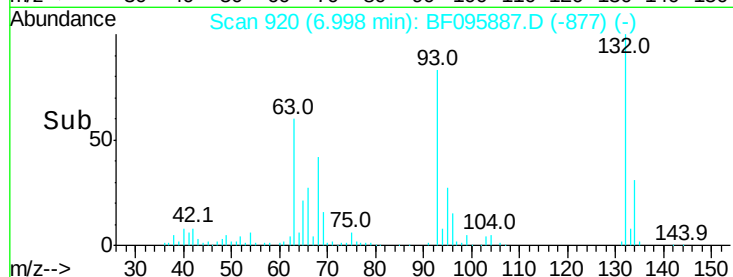
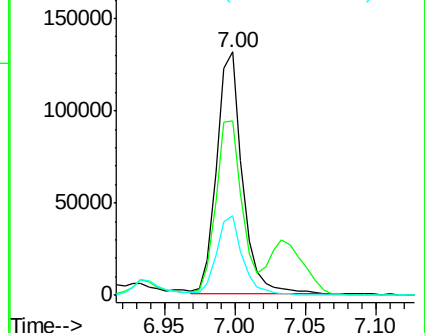
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.57 ng

RT: 7.25 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

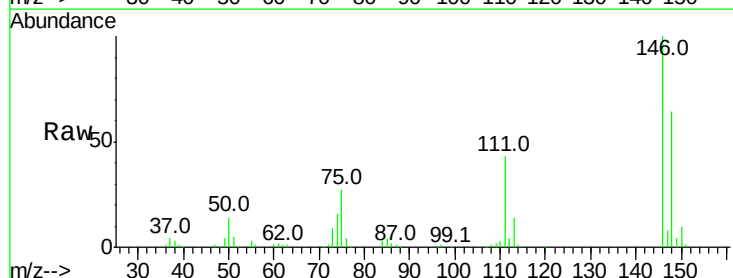
Tgt Ion: 146 Resp: 194932

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

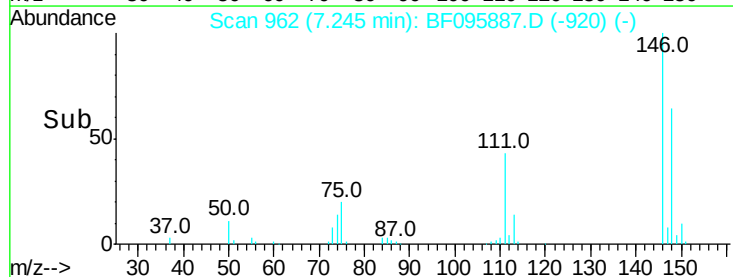
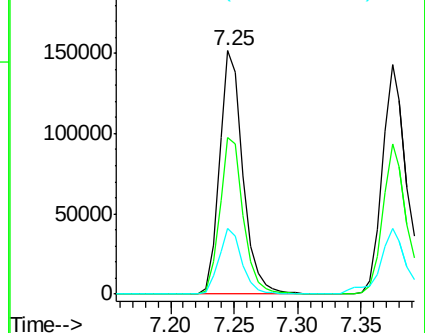
75 26.9 23.1 34.7

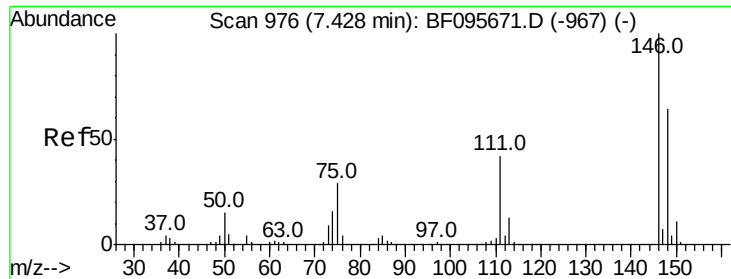


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

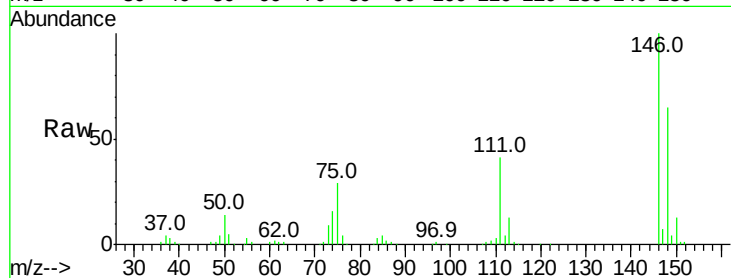




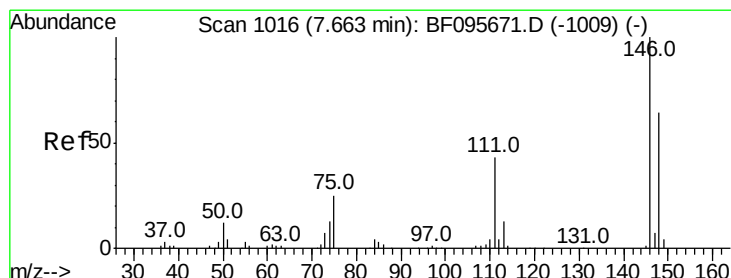
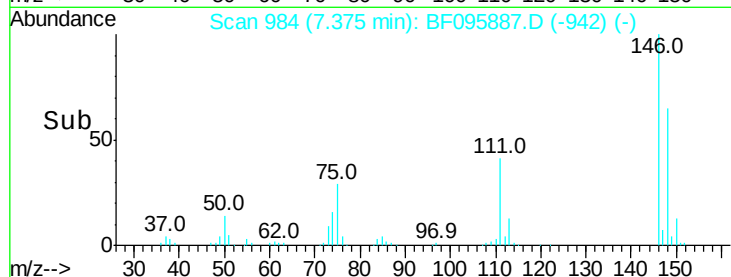
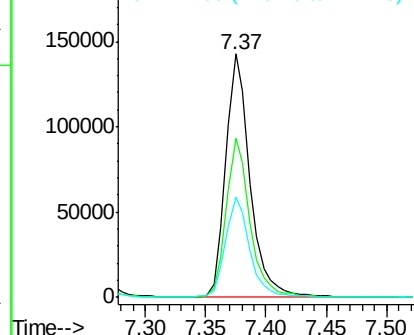
#13
 1,4-Dichlorobenzene
 Concen: 40.79 ng
 RT: 7.37 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 198785
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.2
 111 41.2 30.3 45.5

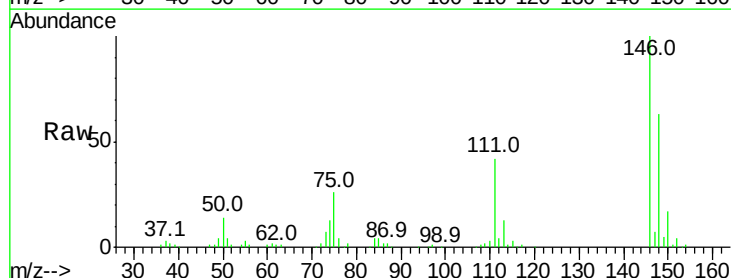


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

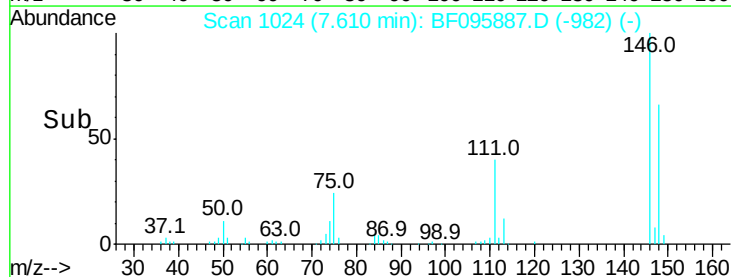
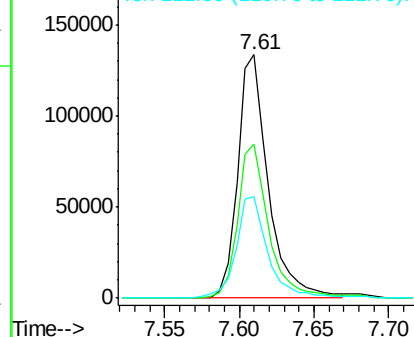


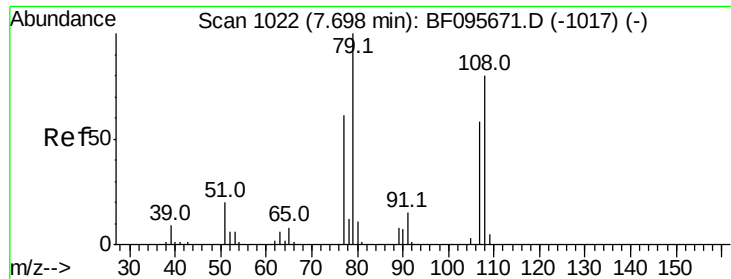
#14
 1,2-Dichlorobenzene
 Concen: 42.37 ng
 RT: 7.61 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion:146 Resp: 190339
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 41.5 38.2 57.4



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

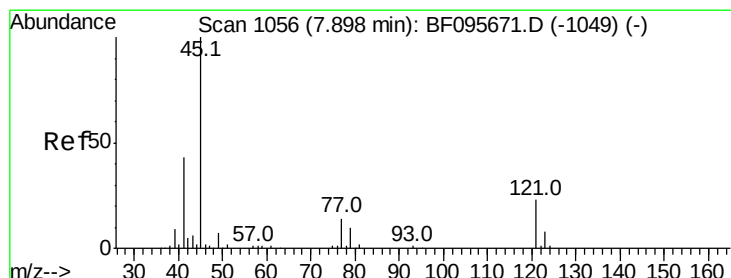
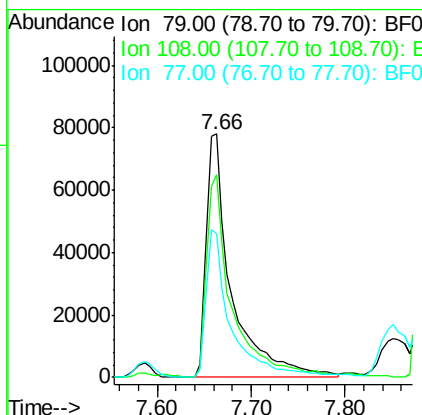
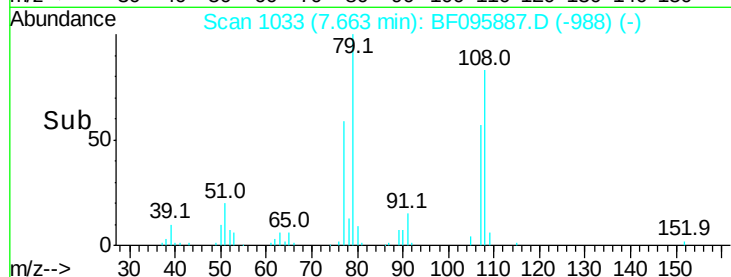
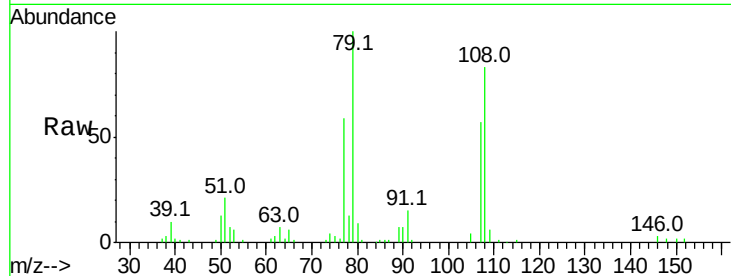




#15
Benzyl Alcohol
Concen: 44.79 ng
RT: 7.66 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

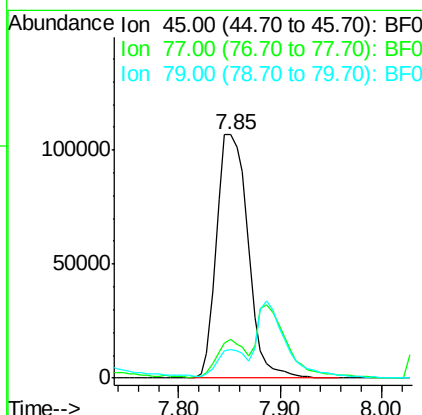
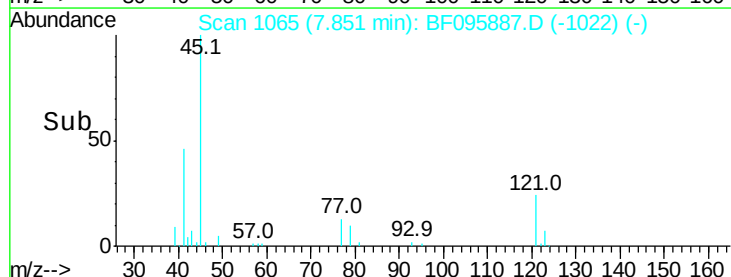
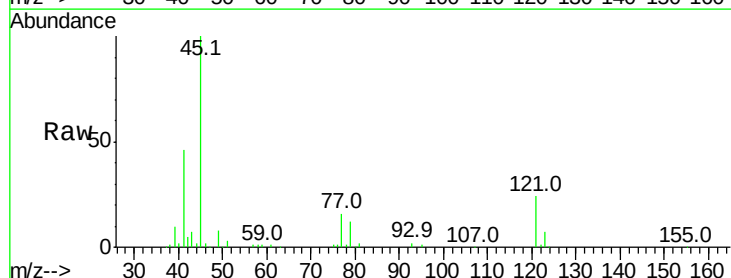
Instrument :
BNA_F
ClientSampleId :

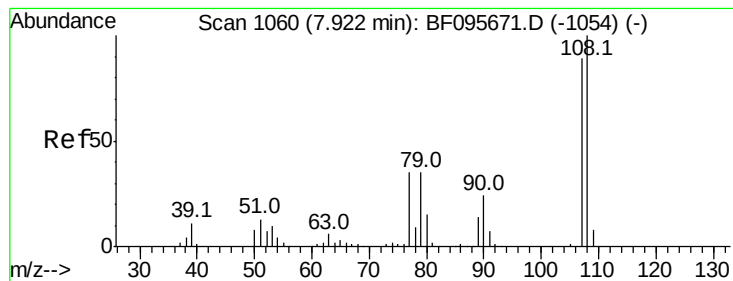
Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	63.4	95.0
77	59.1	49.2	73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.67 ng
RT: 7.85 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	33.2
79	11.6	0.0	30.0

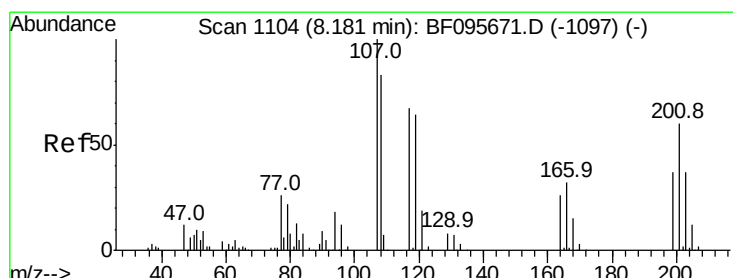
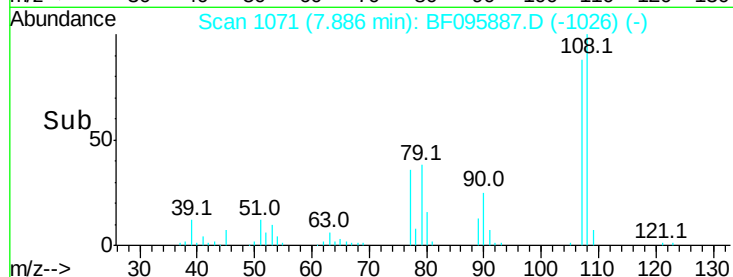
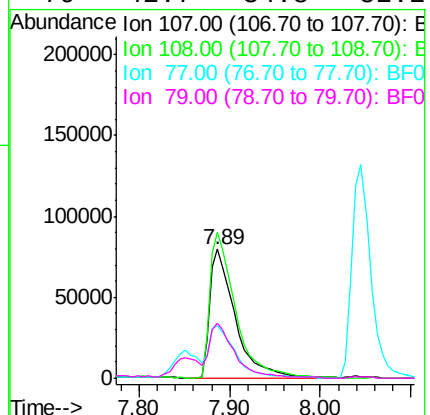
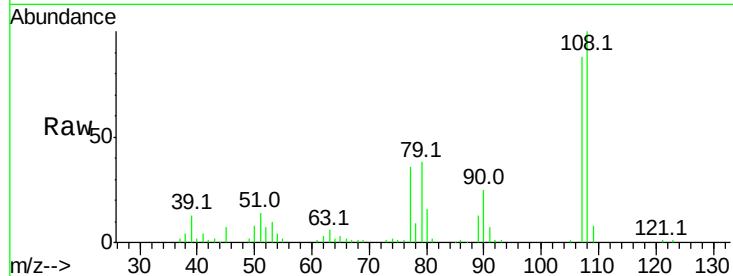




#17
2-Methylphenol
Concen: 44.31 ng
RT: 7.89 min Scan# 1071
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

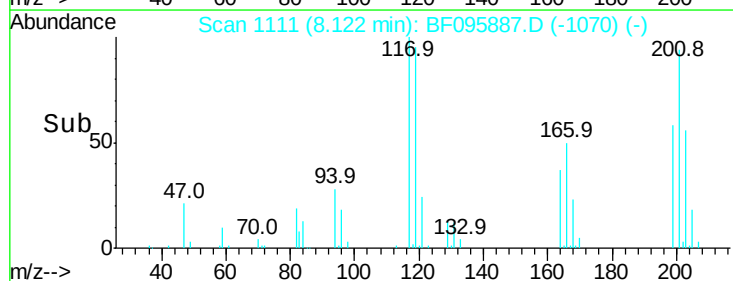
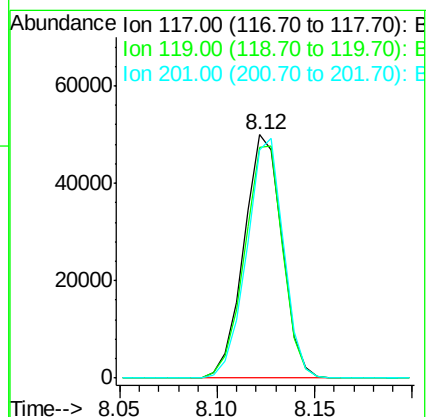
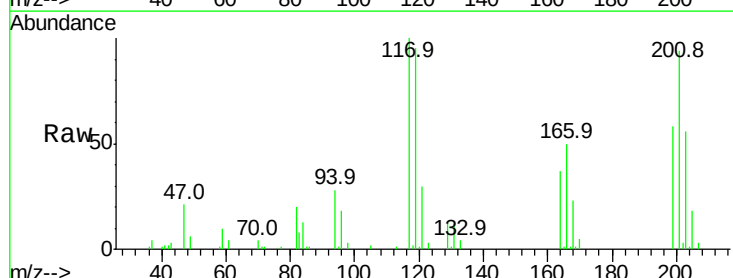
Instrument :
BNA_F
ClientSampleId :

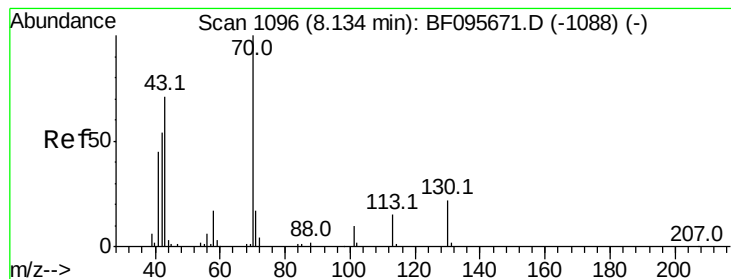
Tot Ion:107 Resp: 157849
Ion Ratio Lower Upper
107 100
108 113.4 93.4 140.0
77 40.5 35.8 53.6
79 42.7 34.8 52.2



#18
Hexachloroethane
Concen: 42.04 ng
RT: 8.12 min Scan# 1111
Delta R.T. -0.06 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion:117 Resp: 67653
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
201 93.8 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 43.49 ng

RT: 8.09 min Scan# 1105

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 131727

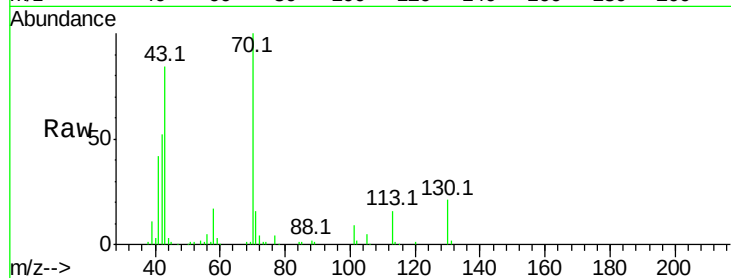
Ion Ratio Lower Upper

70 100

42 51.7 47.2 70.8

101 8.8 7.2 10.8

130 21.1 15.9 23.9

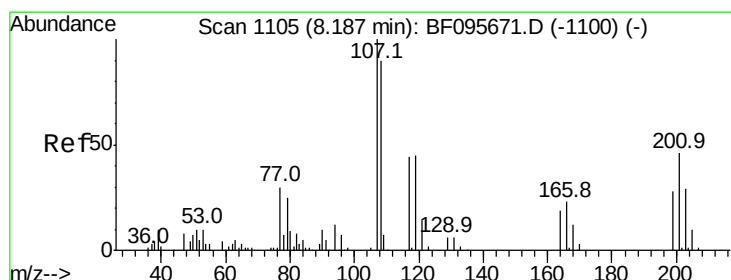
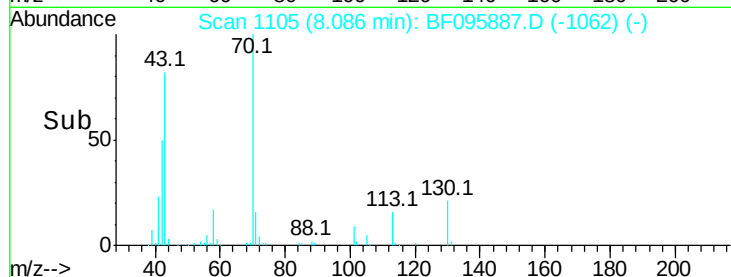
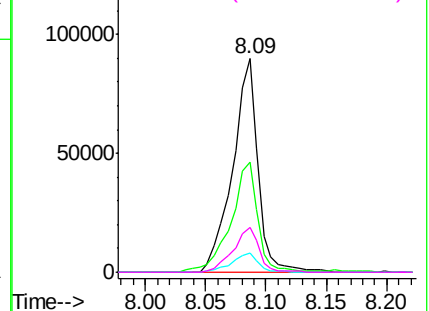


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 44.98 ng

RT: 8.15 min Scan# 1116

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Tgt Ion: 107 Resp: 203402

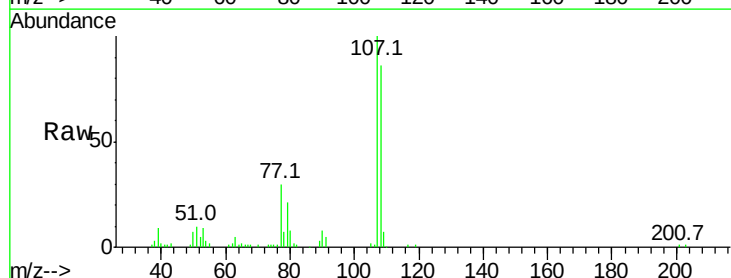
Ion Ratio Lower Upper

107 100

108 85.7 71.0 111.0

77 29.5 90.5 130.5#

79 21.0 8.4 48.4

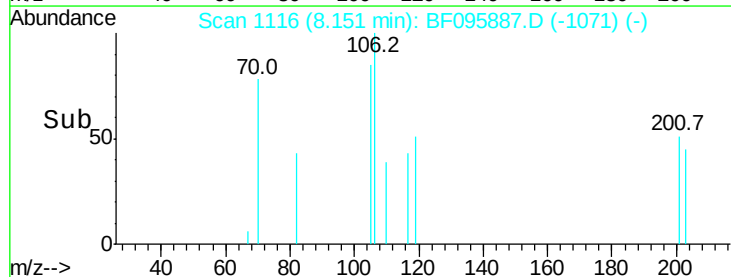
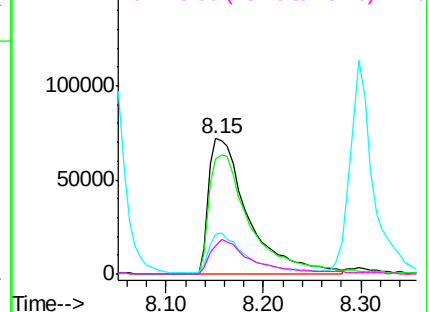


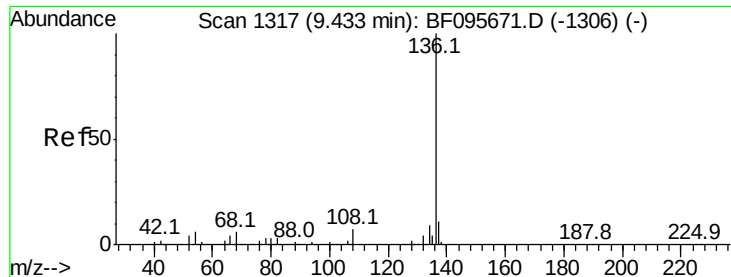
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

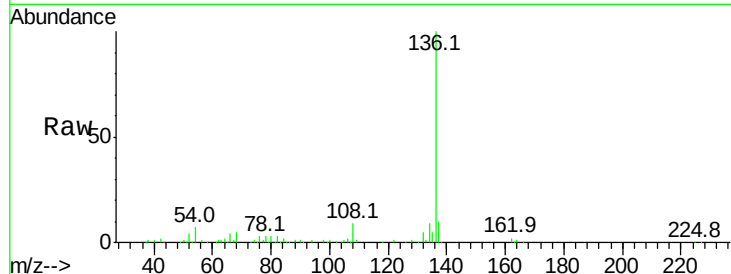
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 273874

Ion Ratio Lower Upper

136	100		
137	10.2	8.5	12.7
54	7.4	4.9	7.3#
68	5.4	4.1	6.1

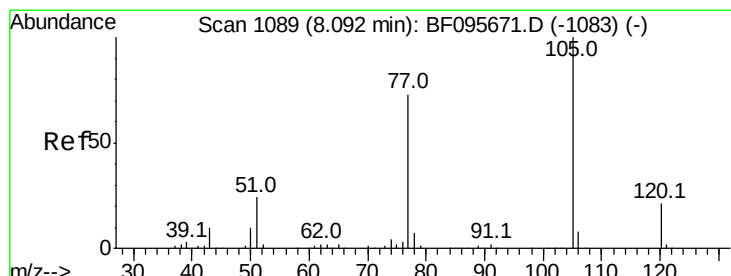
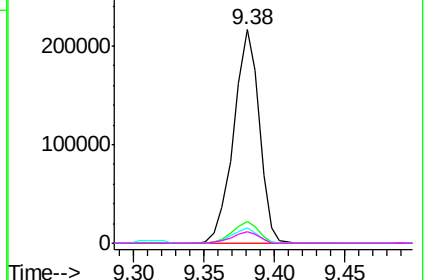
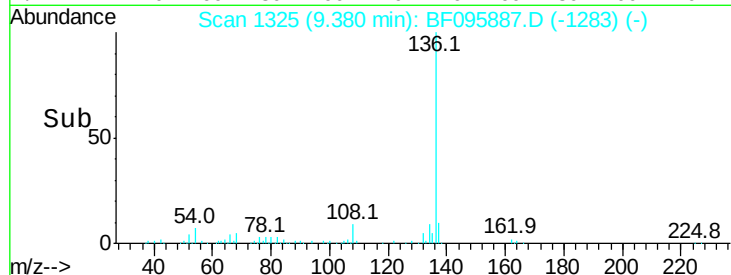


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.31 ng

RT: 8.05 min Scan# 1098

Delta R.T. -0.05 min

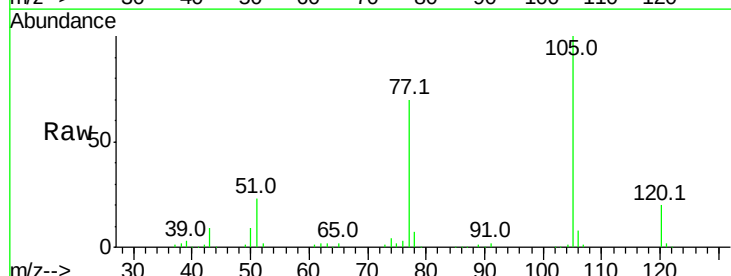
Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Tgt Ion:105 Resp: 264818

Ion Ratio Lower Upper

105	100		
71	0.0	2.8	4.2#
51	22.9	30.7	46.1#
120	20.3	17.4	26.0

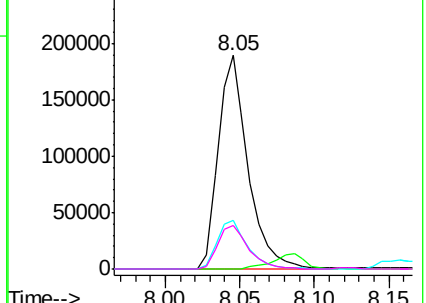
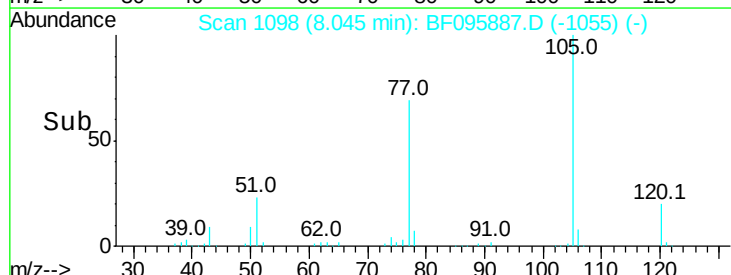


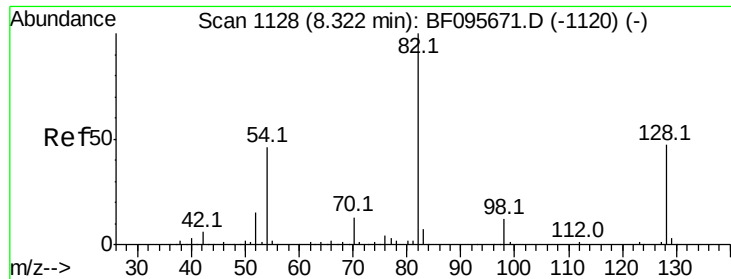
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

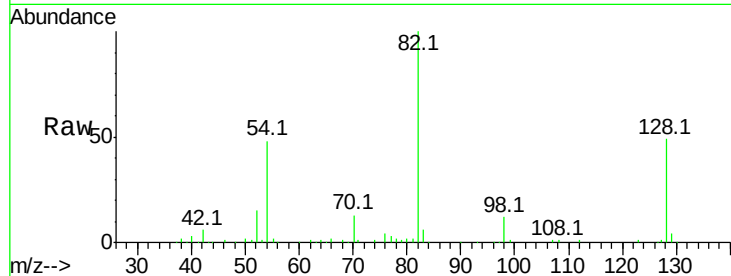




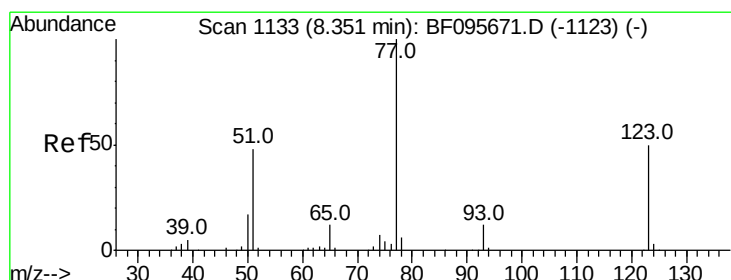
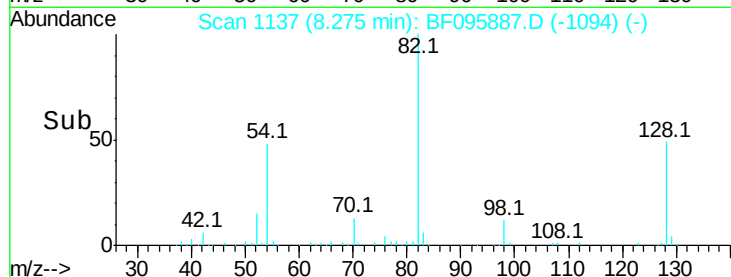
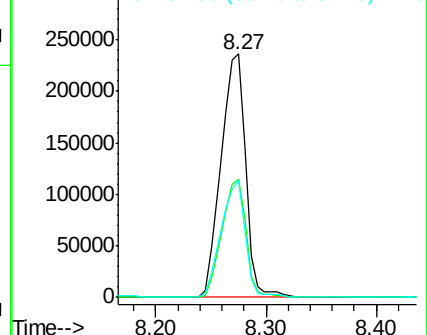
#23
Nitrobenzene-d5
Concen: 83.08 ng
RT: 8.27 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 366368
Ion Ratio Lower Upper
82 100
128 48.6 34.0 51.0
54 48.1 42.2 63.2

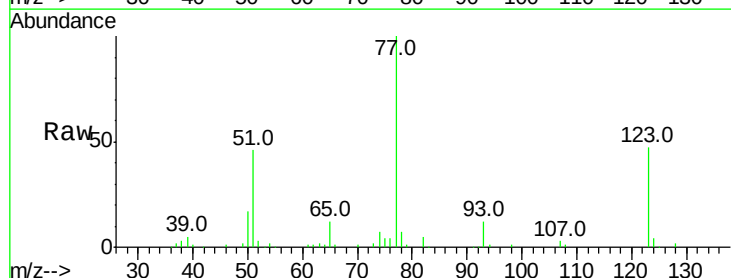


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

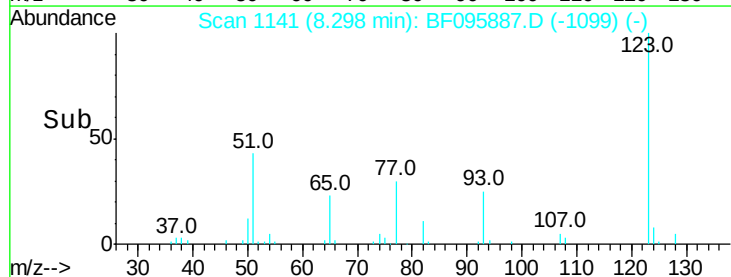
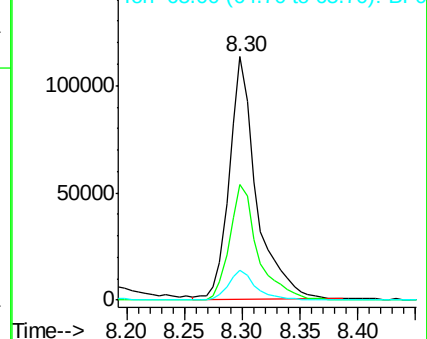


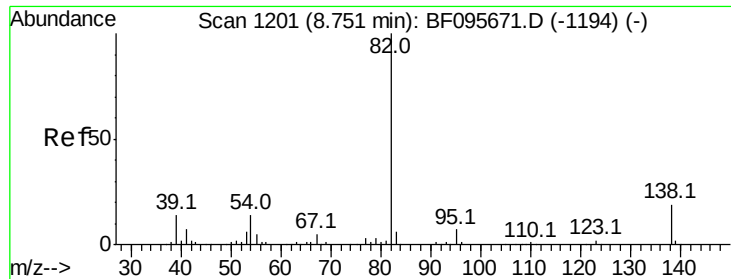
#24
Nitrobenzene
Concen: 39.18 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion: 77 Resp: 184582
Ion Ratio Lower Upper
77 100
123 47.4 35.8 53.8
65 12.2 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.12 ng

RT: 8.70 min Scan# 1210

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :
BNA_F
ClientSampleId :

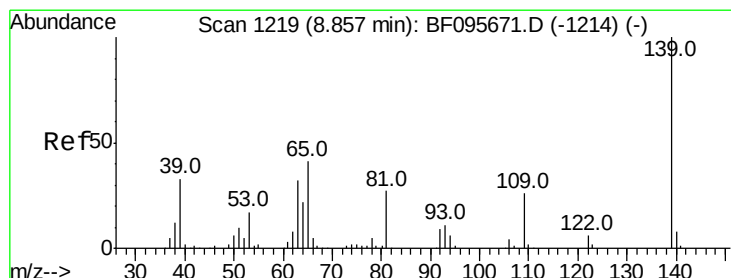
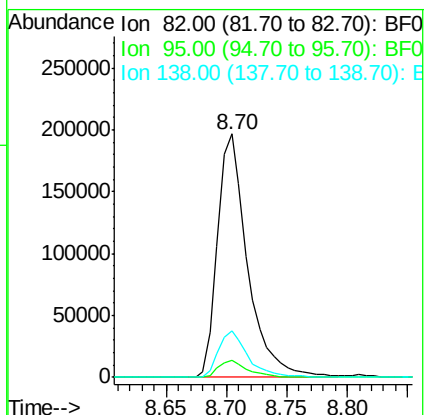
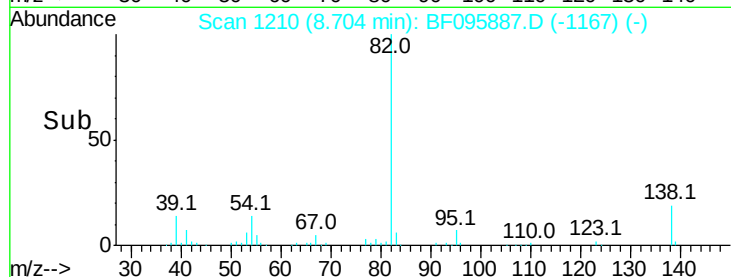
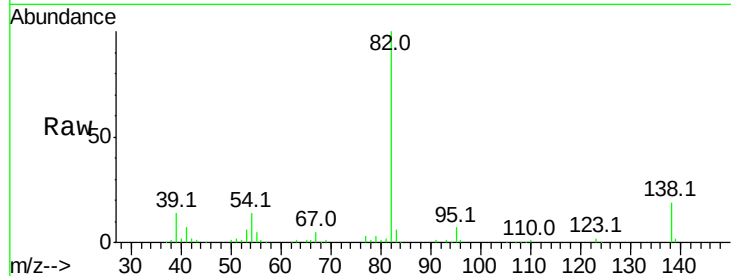
Tot Ion: 82 Resp: 338565

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 42.80 ng

RT: 8.81 min Scan# 1228

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

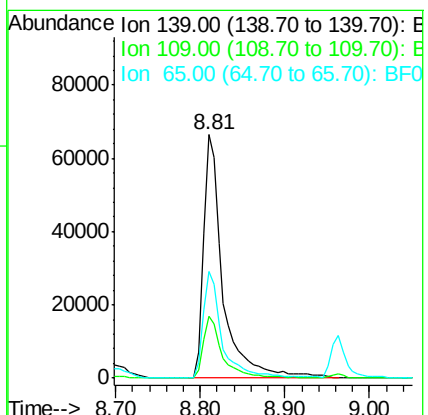
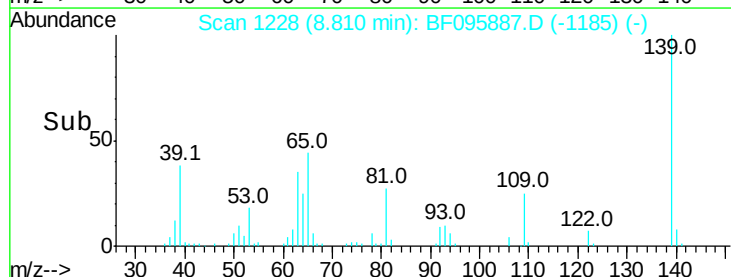
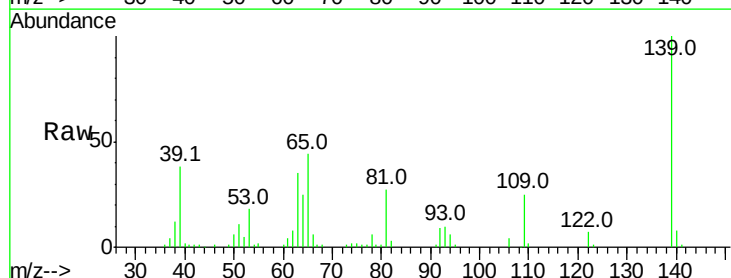
Tgt Ion:139 Resp: 105586

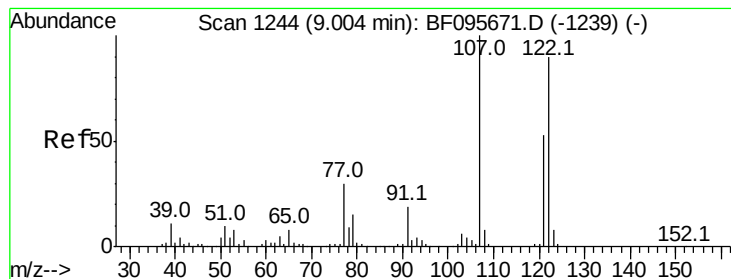
Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.6

65 43.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.95 ng

RT: 8.96 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

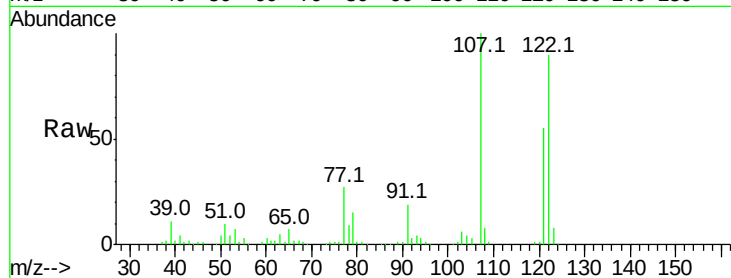
Tot Ion:122 Resp: 172071

Ion Ratio Lower Upper

122 100

107 110.9 89.2 133.8

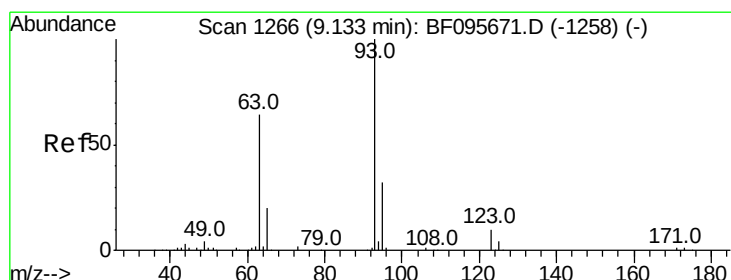
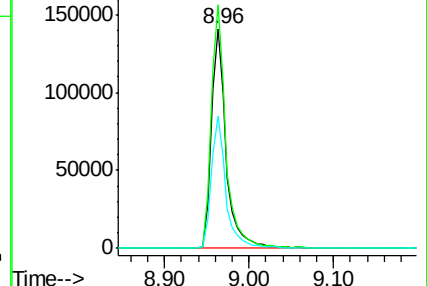
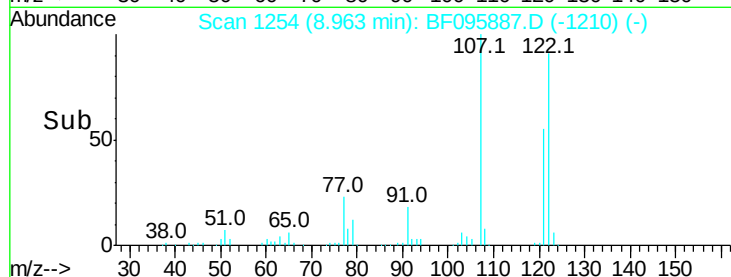
121 60.5 45.2 67.8



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: 41.03 ng

RT: 9.08 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

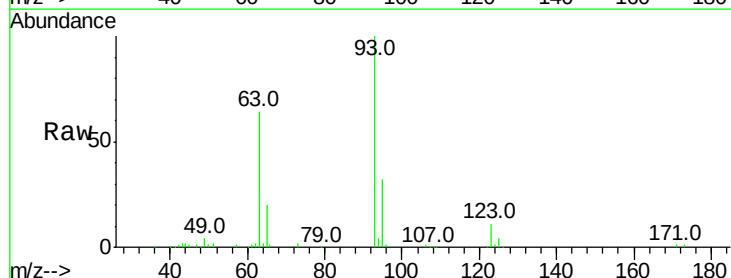
Tgt Ion: 93 Resp: 222698

Ion Ratio Lower Upper

93 100

95 31.5 26.5 39.7

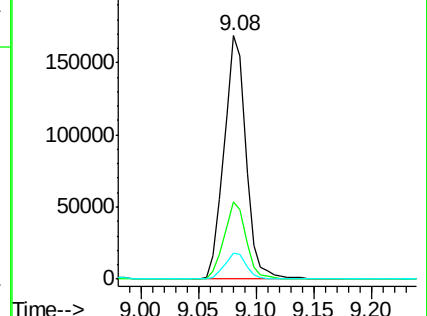
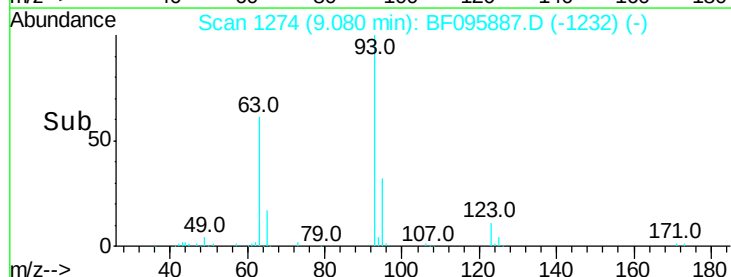
123 10.7 9.0 13.4

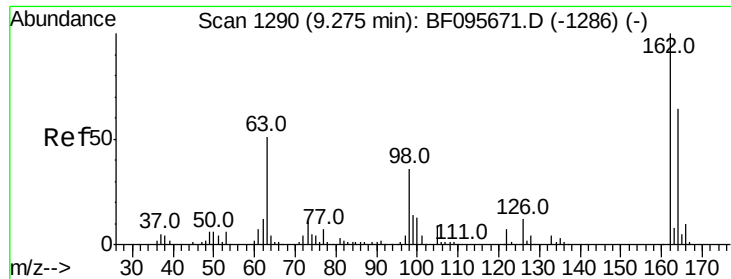


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

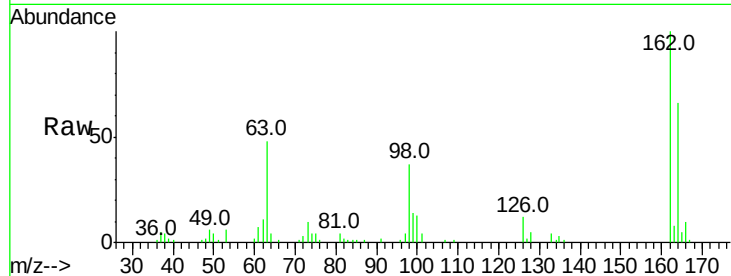




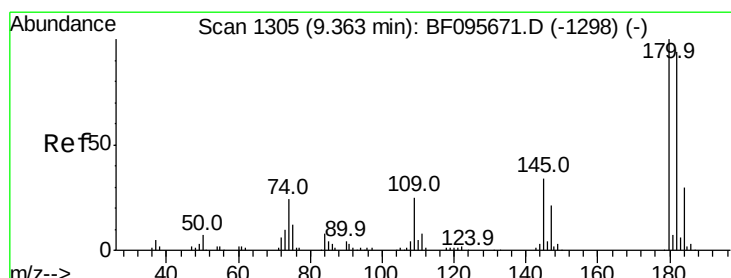
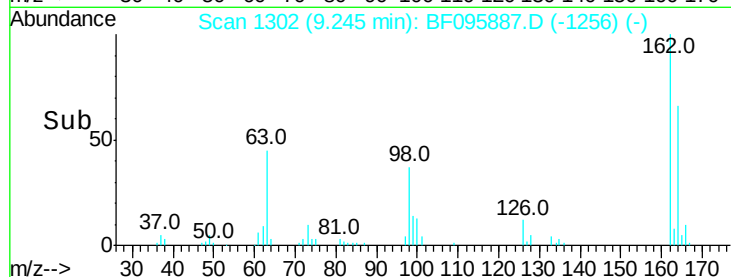
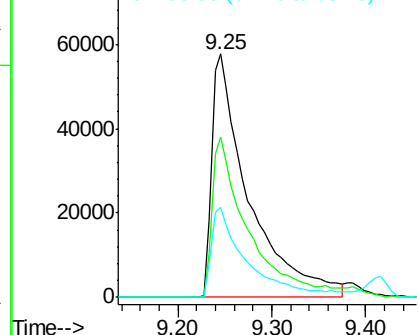
#29
 2,4-Dichlorophenol
 Concen: 42.82 ng
 RT: 9.25 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.6	84.6
98	36.7	14.8	54.8

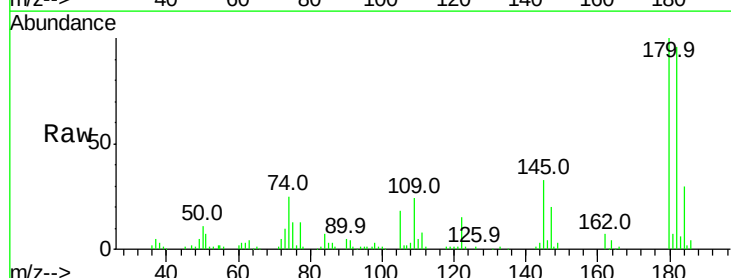


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

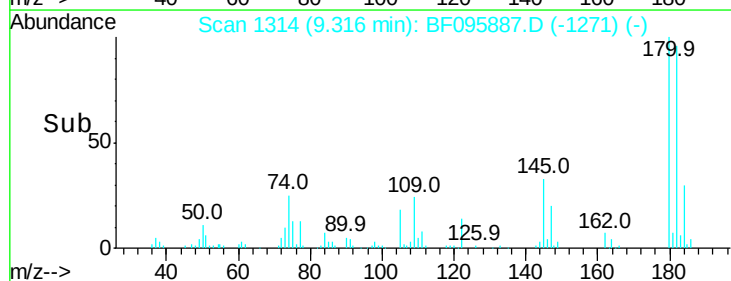
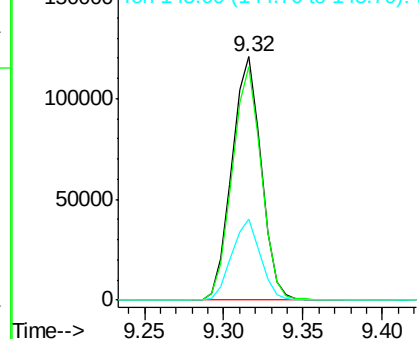


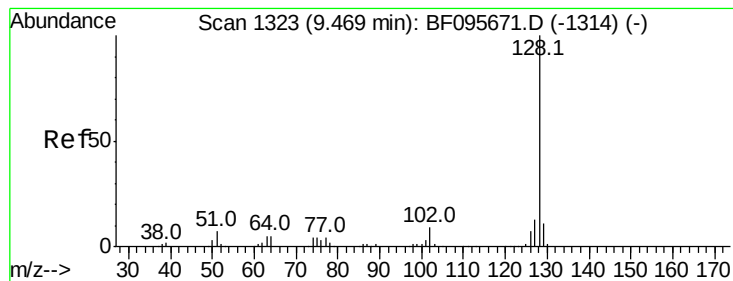
#30
 1,2,4-Trichlorobenzene
 Concen: 40.32 ng
 RT: 9.32 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	33.2	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: 39.57 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

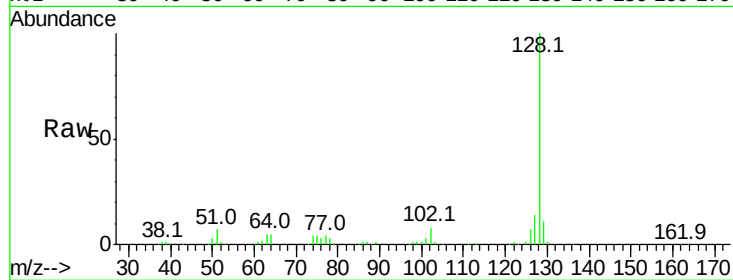
Tot Ion:128 Resp: 543836

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

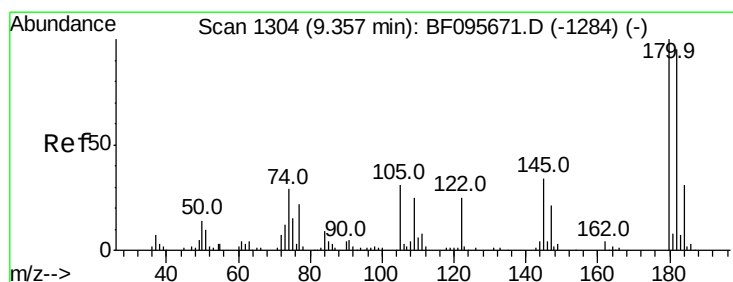
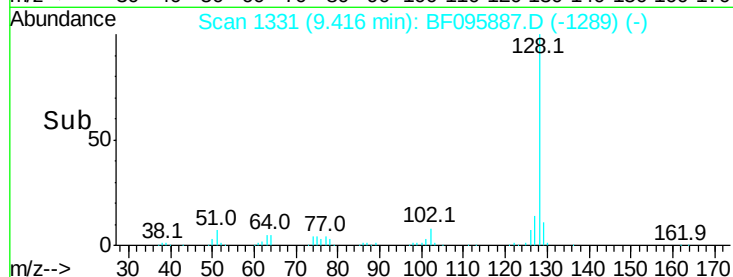
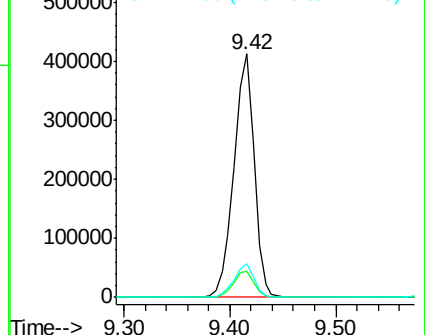
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.97 ng

RT: 9.33 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

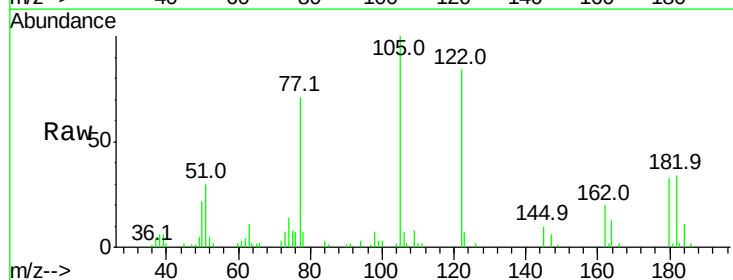
Tgt Ion:122 Resp: 82635

Ion Ratio Lower Upper

122 100

105 119.6 103.3 143.3

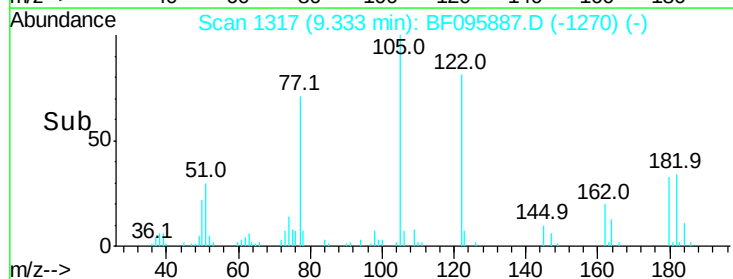
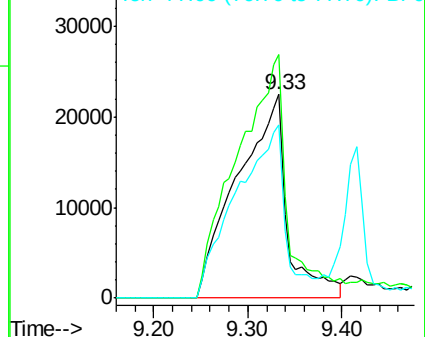
77 85.2 73.7 113.7

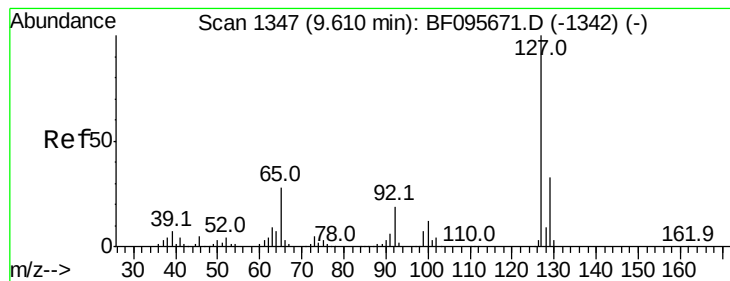


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.88 ng

RT: 9.59 min Scan# 1361

Delta R.T. -0.02 min

Lab File: BF095887.D

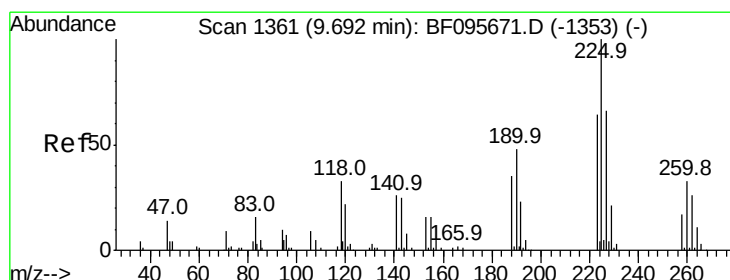
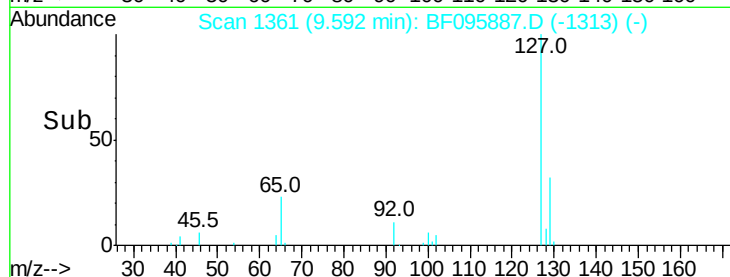
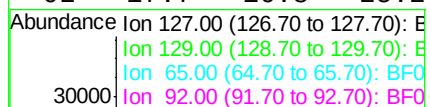
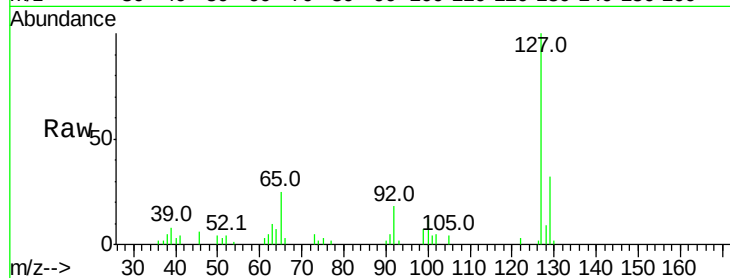
Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	79929
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	25.2	27.8	41.8#
92	17.7	16.8	25.2



#34

Hexachlorobutadiene

Concen: 39.65 ng

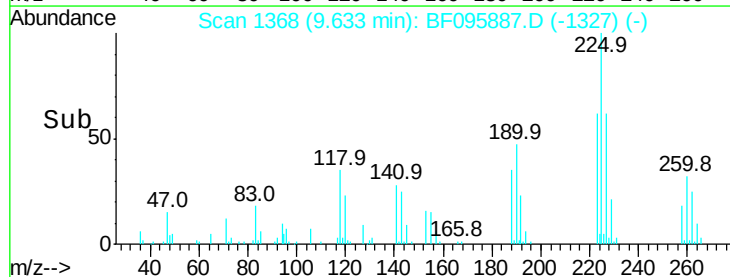
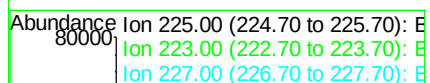
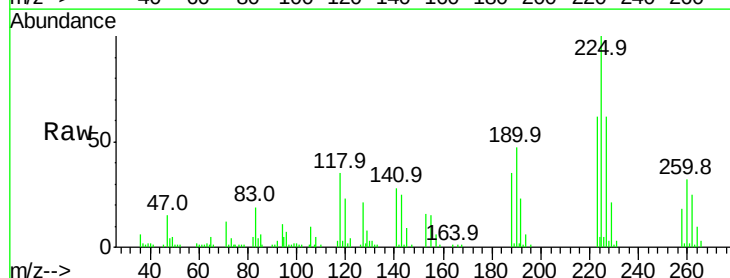
RT: 9.63 min Scan# 1368

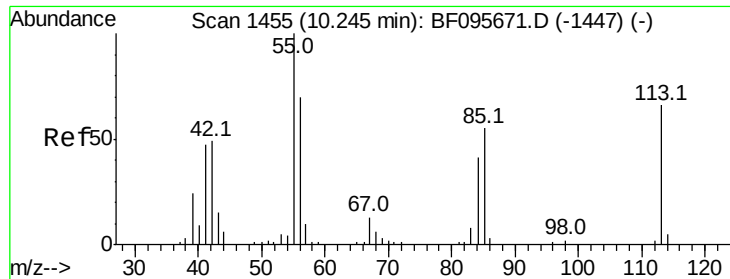
Delta R.T. -0.06 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Tgt Ion:	225	Resp:	78594
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	62.3	51.1	76.7





#35

Caprolactam

Concen: 25.48 ng

RT: 10.20 min Scan# 1464

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

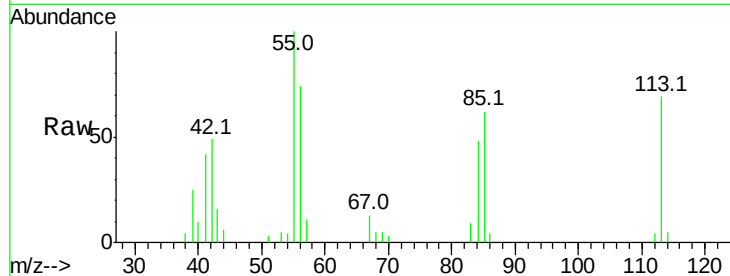
Tot Ion:113 Resp: 27950

Ion Ratio Lower Upper

113 100

55 144.4 150.2 190.2#

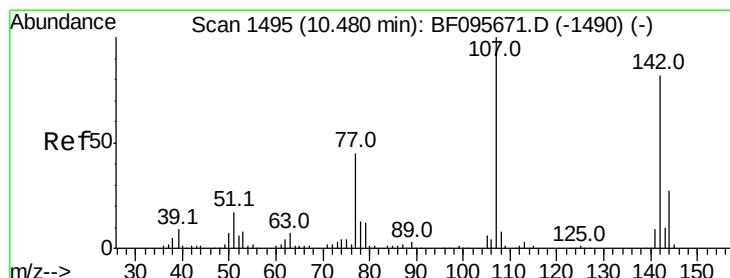
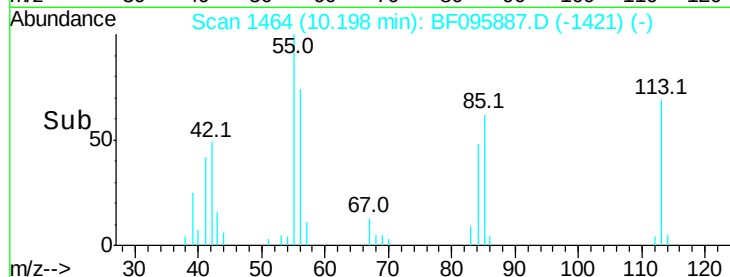
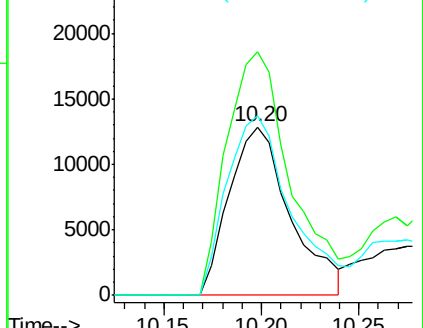
56 106.7 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.47 ng

RT: 10.45 min Scan# 1507

Delta R.T. -0.03 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

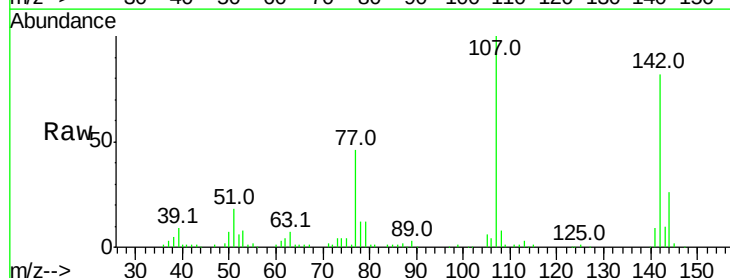
Tgt Ion:107 Resp: 171617

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

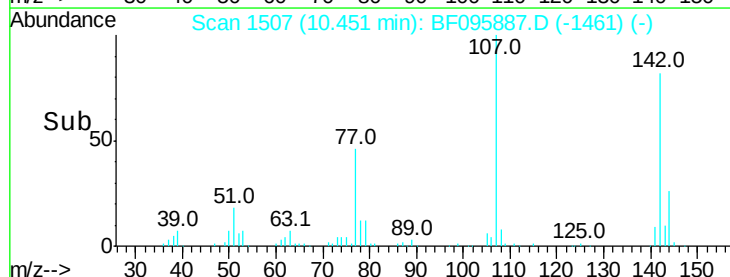
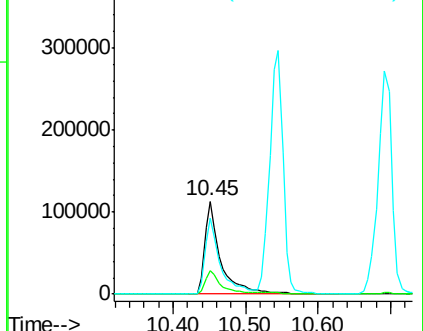
142 82.3 73.4 110.0

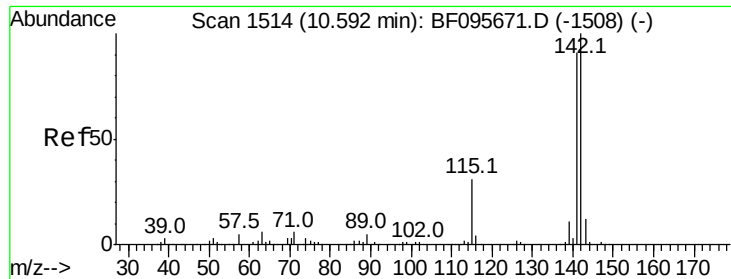


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

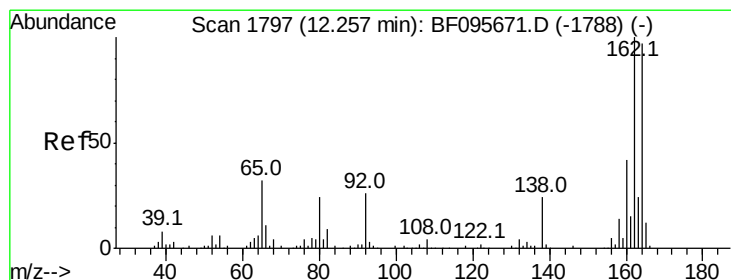
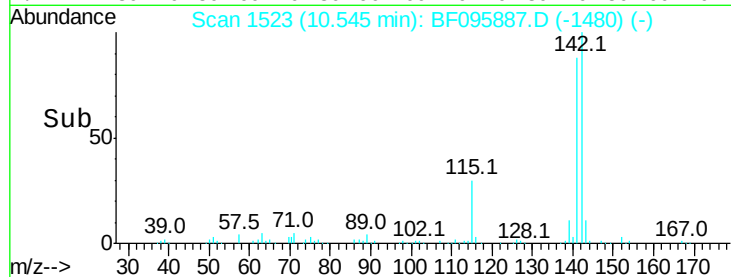
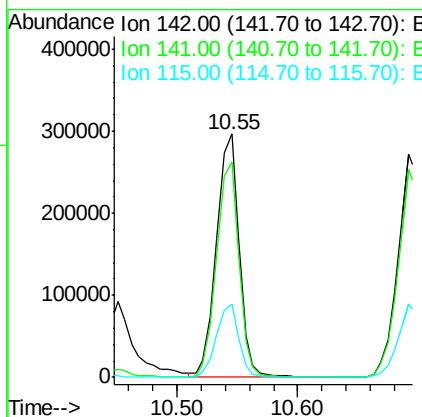
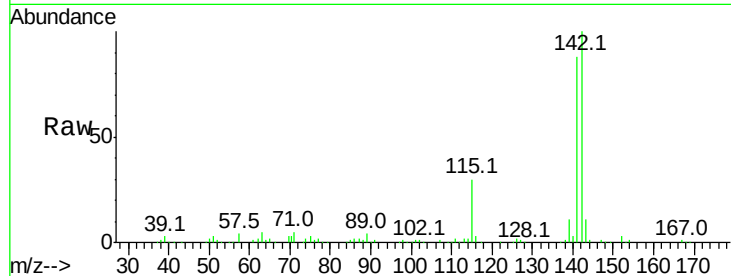




#37
2-Methylnaphthalene
Concen: 41.62 ng
RT: 10.55 min Scan# 1523
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

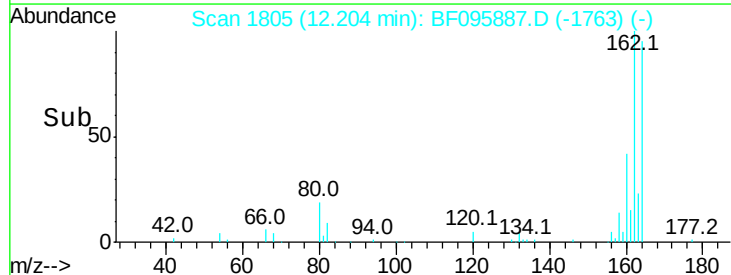
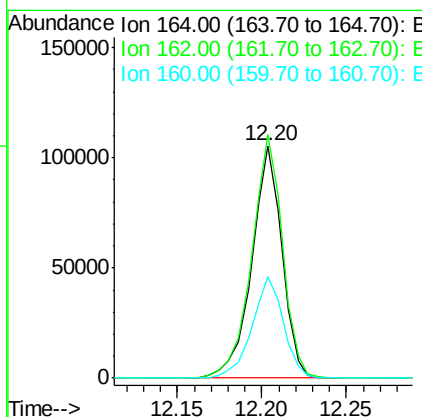
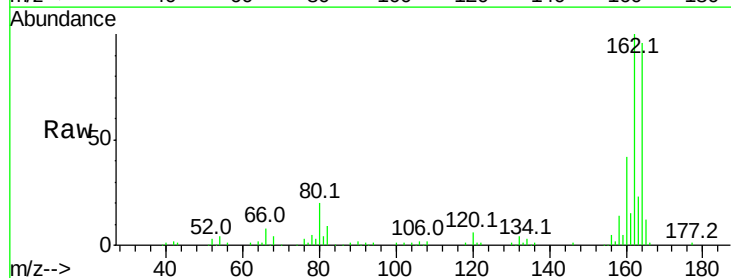
Instrument :
BNA_F
ClientSampleId :

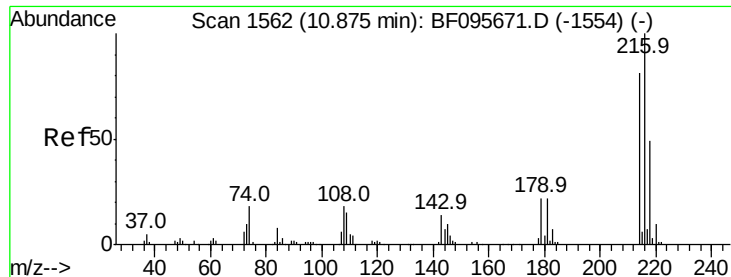
Tot Ion:142 Resp: 386479
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 30.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion:164 Resp: 131166
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 43.9 36.2 54.2

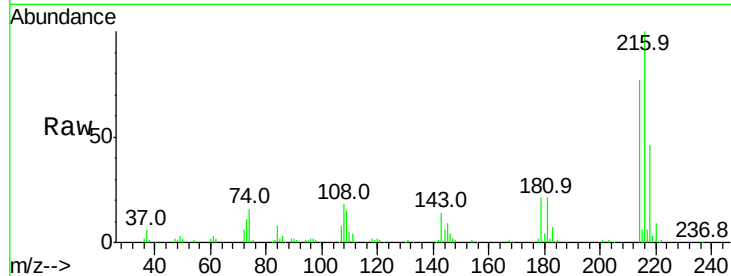




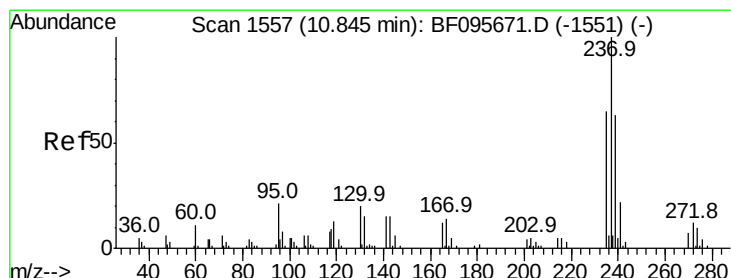
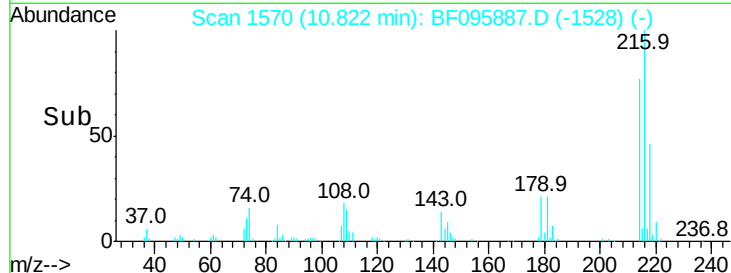
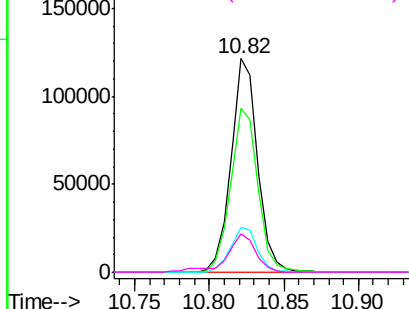
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.62 ng
 RT: 10.82 min Scan# 1570
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	151606
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	21.3	17.9	26.9
108	19.7	16.5	24.7

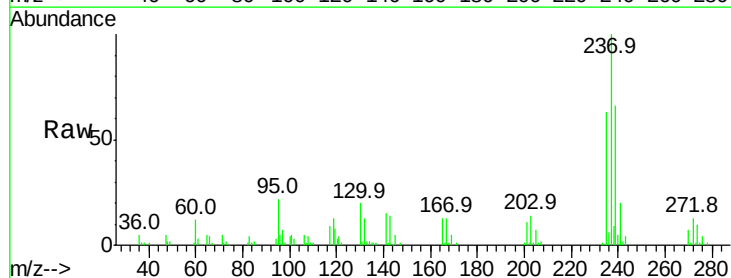


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

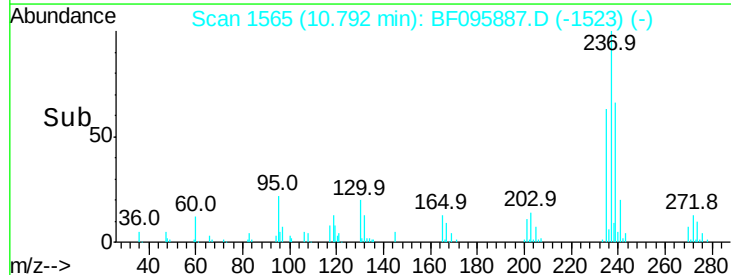
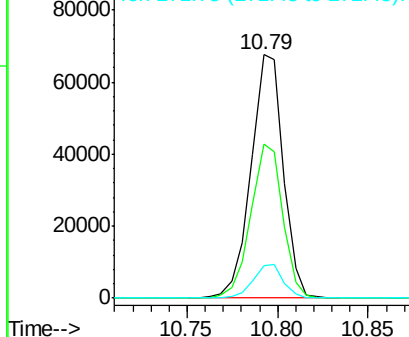


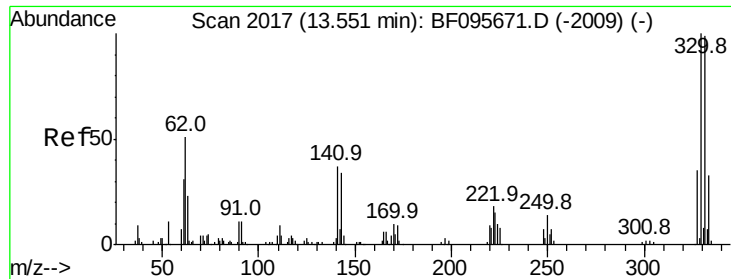
#40
 Hexachlorocyclopentadiene
 Concen: 69.62 ng
 RT: 10.79 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion:	237	Resp:	83573
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.6	82.6
272	13.2	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

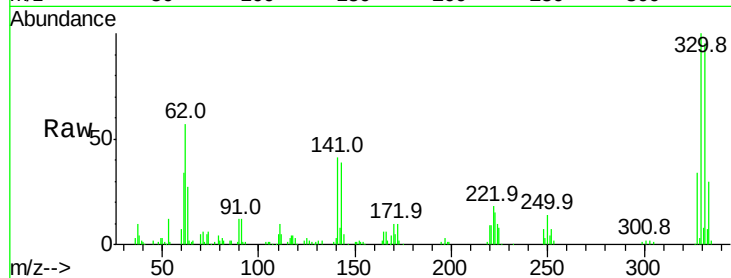




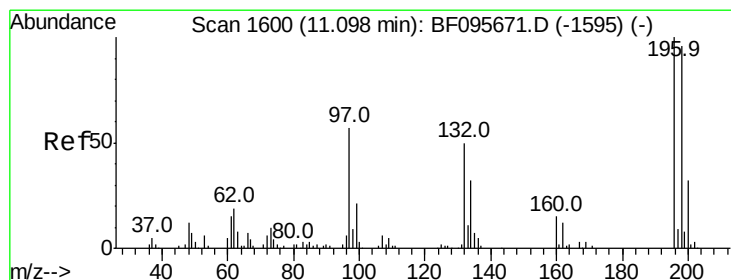
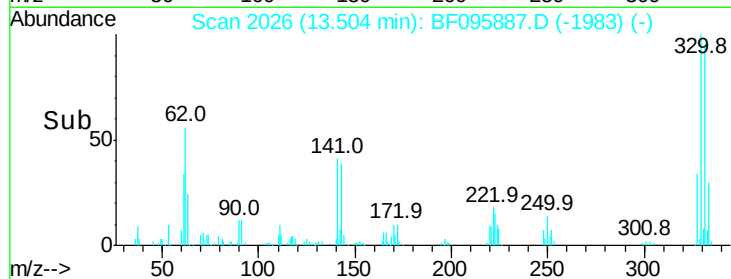
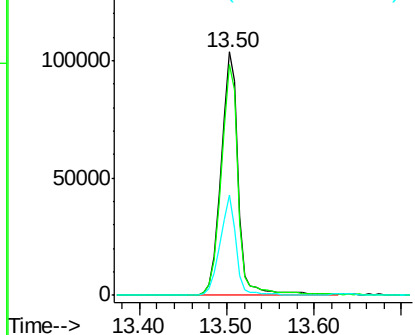
#41
 2,4,6-Tribromophenol
 Concen: 122.31 ng
 RT: 13.50 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.6	115.0
141	38.4	31.4	47.2

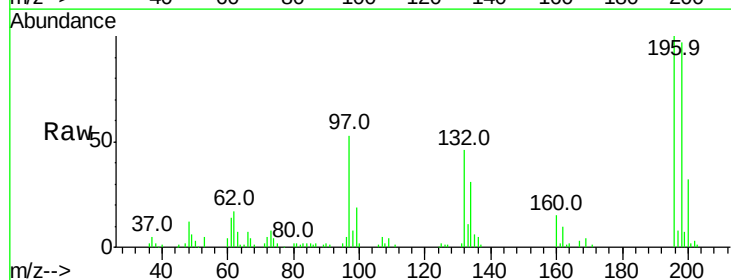


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

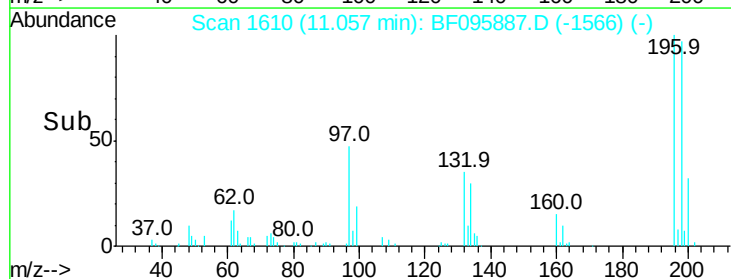
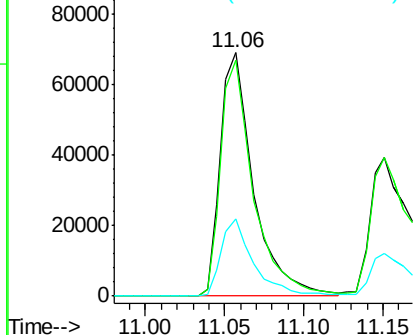


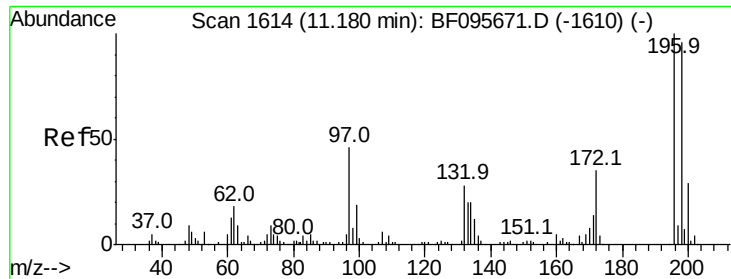
#42
 2,4,6-Trichlorophenol
 Concen: 39.92 ng
 RT: 11.06 min Scan# 1610
 Delta R.T. -0.04 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.2	111.4
200	31.8	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

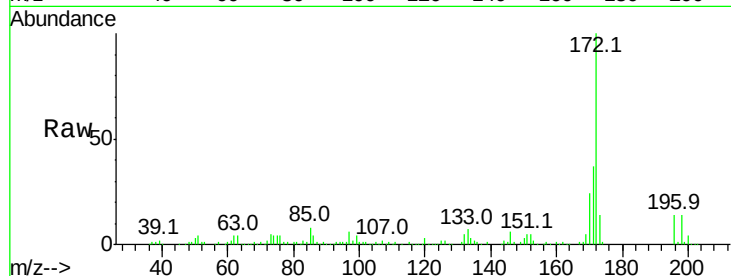




#43
 2,4,5-Trichlorophenol
 Concen: 36.96 ng
 RT: 11.15 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.8	75.7	113.5
97	45.6	47.7	71.5#
132	33.4	28.0	42.0



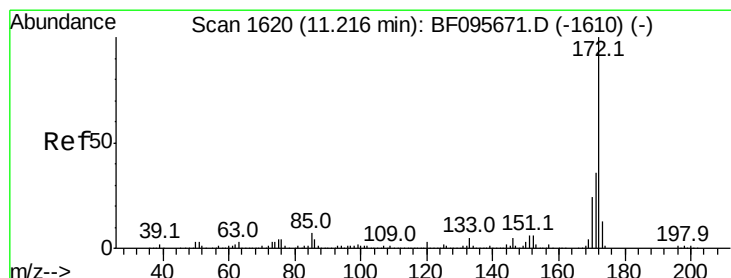
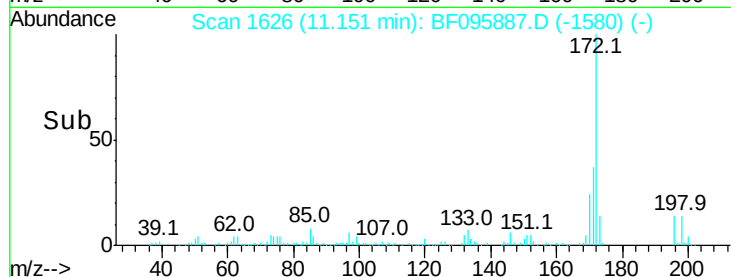
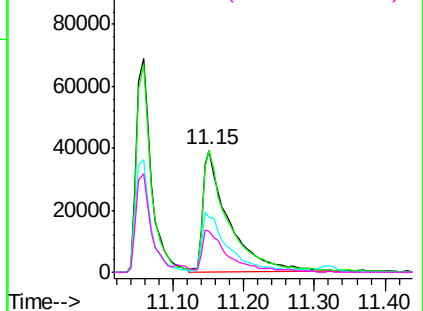
Abundance

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: 79.79 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

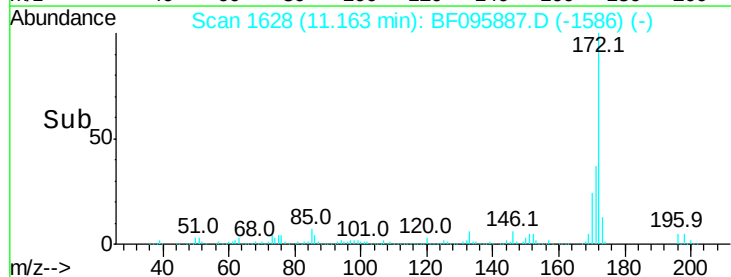
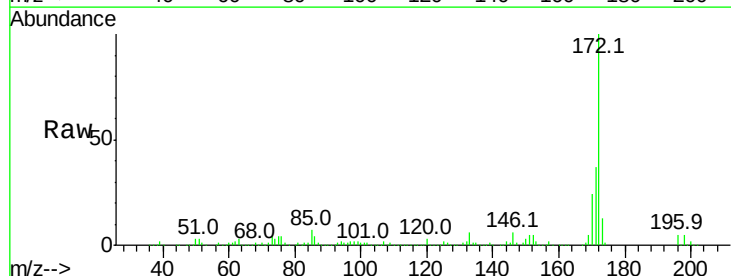
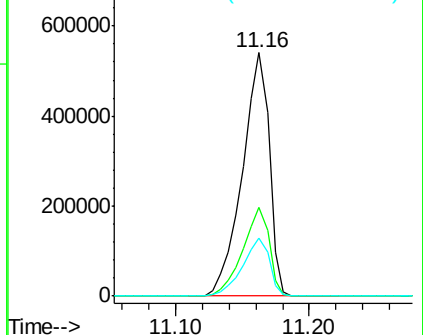
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.7	19.8	29.8

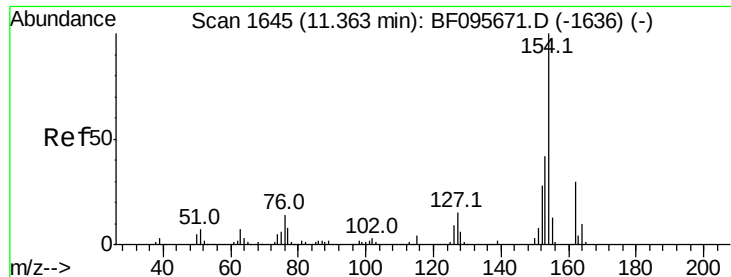
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

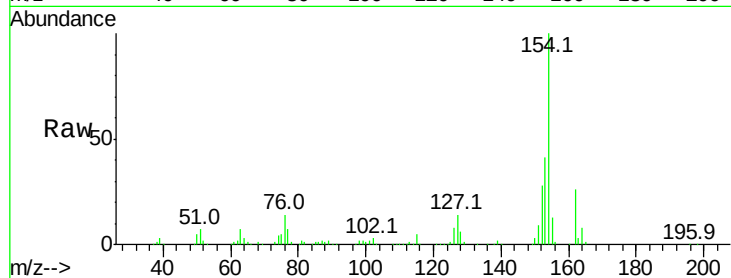




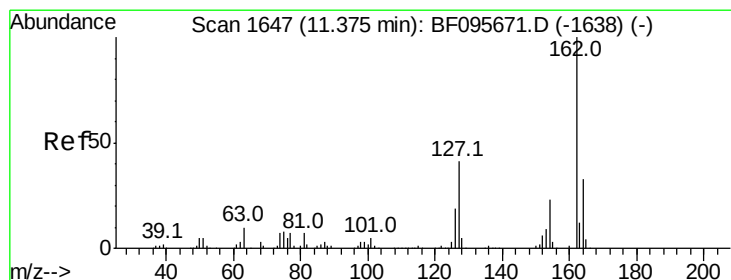
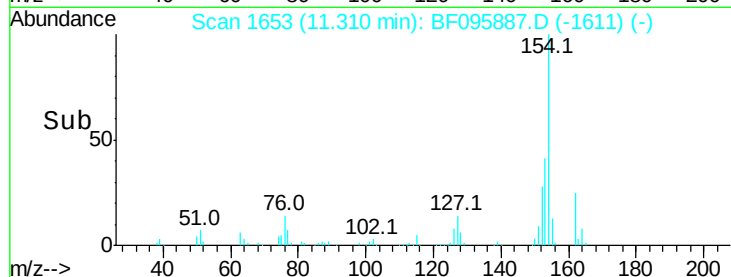
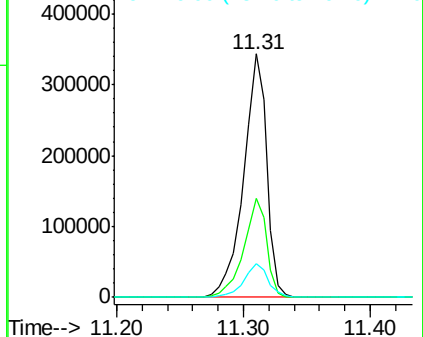
#45
 1,1'-Biphenyl
 Concen: 40.21 ng
 RT: 11.31 min Scan# 1653
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	14.1	0.0	29.9

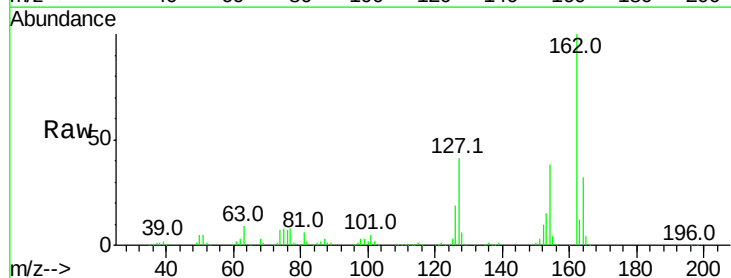


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

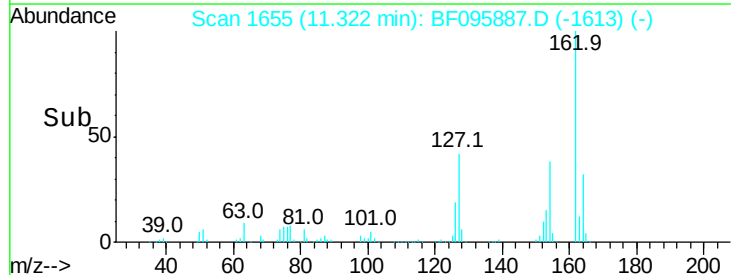
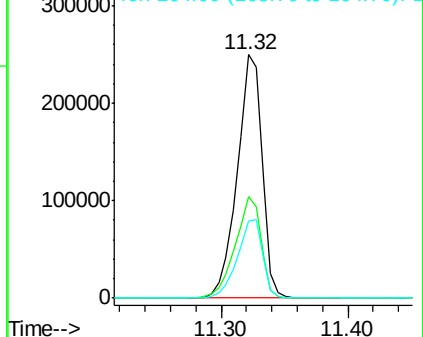


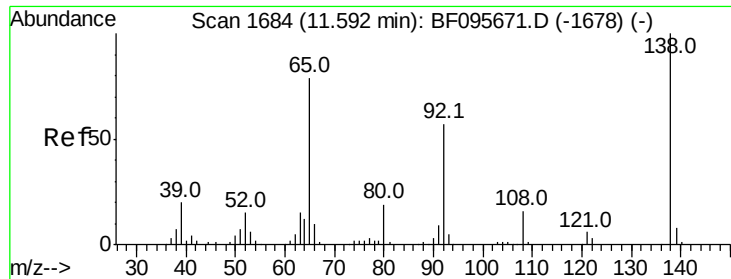
#46
 2-Chloronaphthalene
 Concen: 39.92 ng
 RT: 11.32 min Scan# 1655
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	28.3	42.5
164	31.8	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

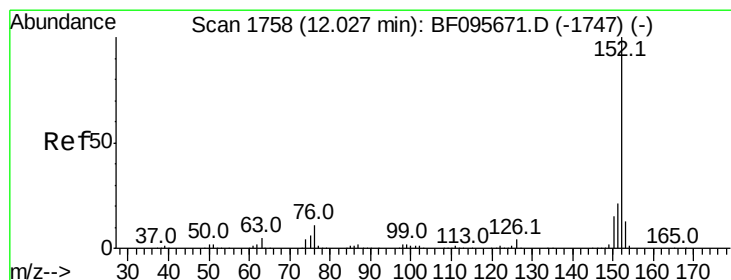
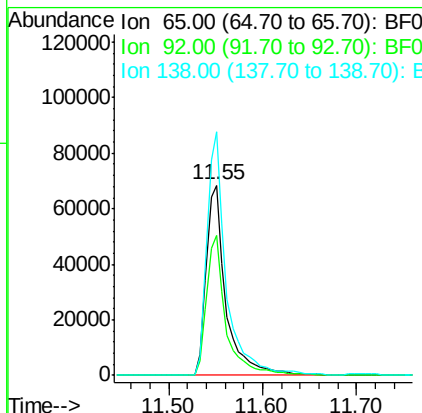
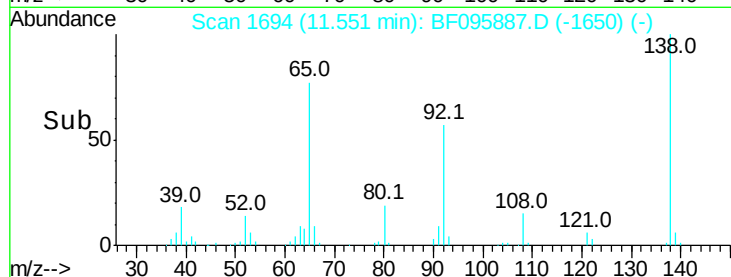
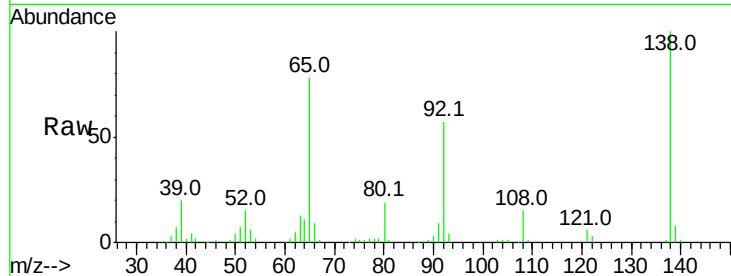




#47
 2-Nitroaniline
 Concen: 41.22 ng
 RT: 11.55 min Scan# 1694
 Delta R.T. -0.04 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

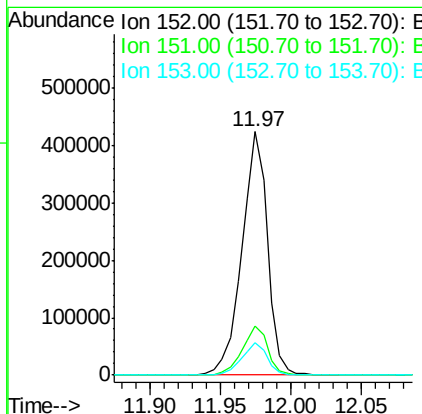
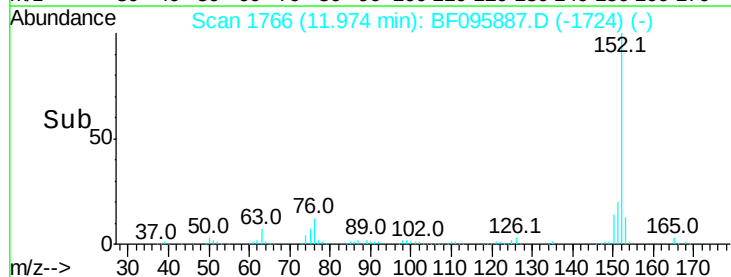
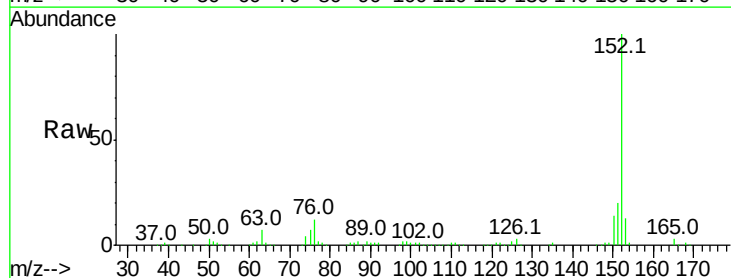
Instrument :
 BNA_F
 ClientSampled :

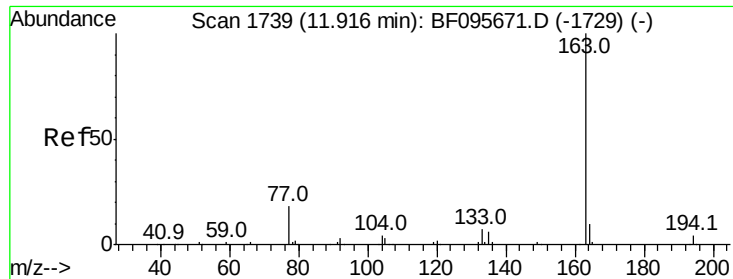
Tot Ion: 65 Resp: 101877
 Ion Ratio Lower Upper
 65 100
 92 73.5 53.9 80.9
 138 128.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 37.21 ng
 RT: 11.97 min Scan# 1766
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion:152 Resp: 537487
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 41.04 ng

RT: 11.87 min Scan# 1748

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

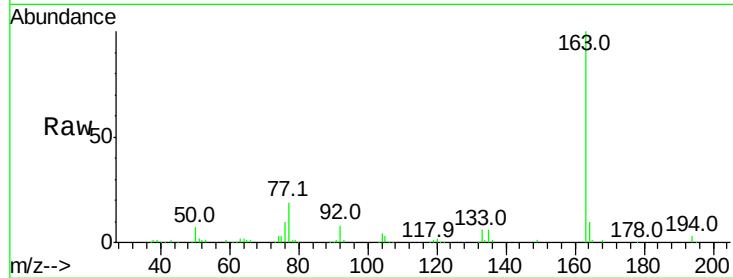
Tot Ion:163 Resp: 408684

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

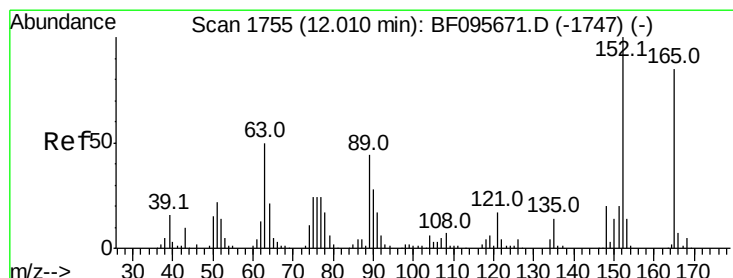
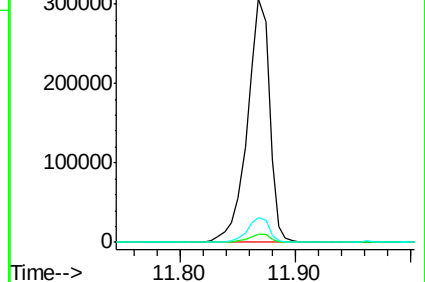
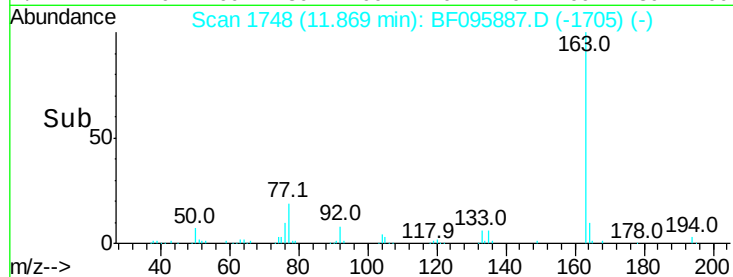
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.21 ng

RT: 11.96 min Scan# 1764

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

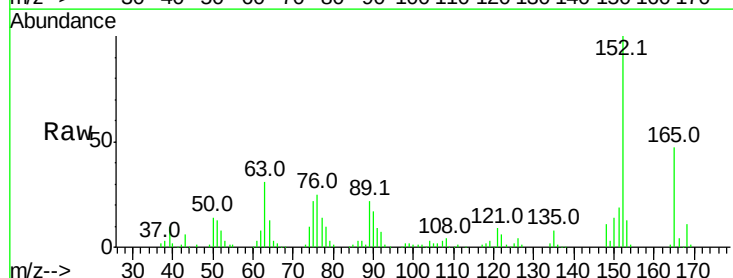
Tgt Ion:165 Resp: 89522

Ion Ratio Lower Upper

165 100

63 65.2 34.3 51.5#

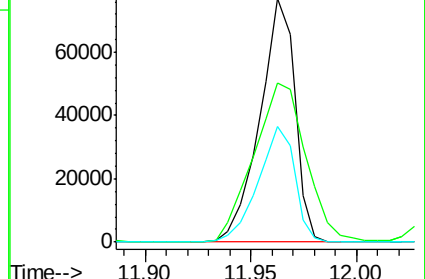
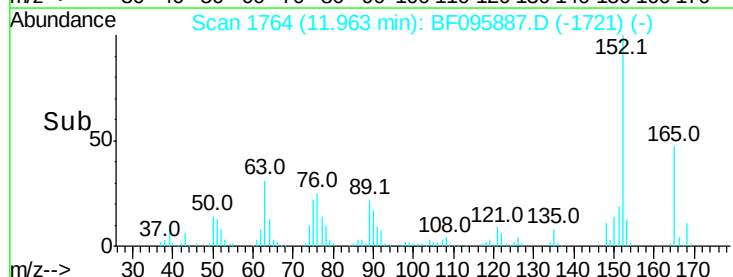
89 47.6 37.1 55.7

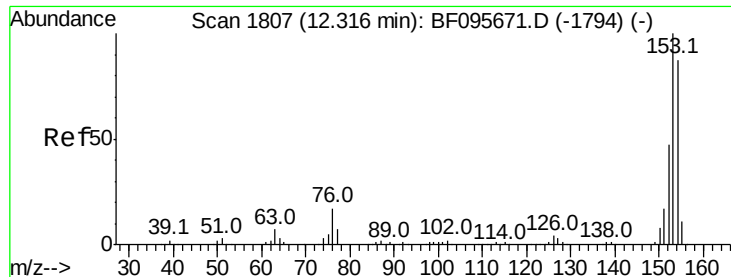


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.40 ng

RT: 12.26 min Scan# 1814

Delta R.T. -0.06 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

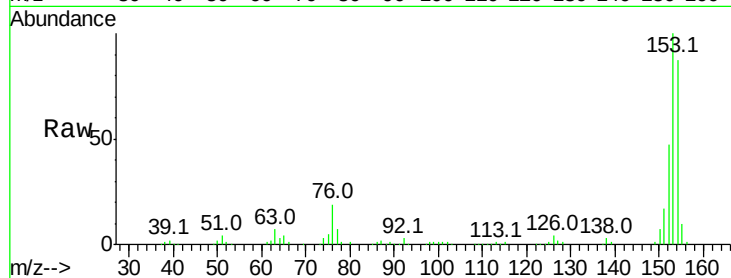
Tot Ion:154 Resp: 320301

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

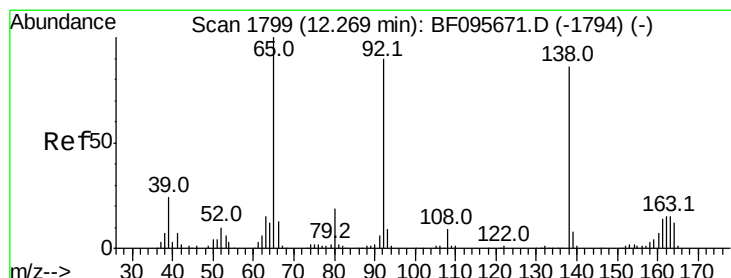
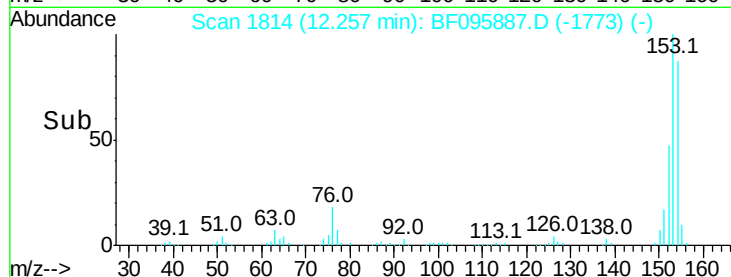
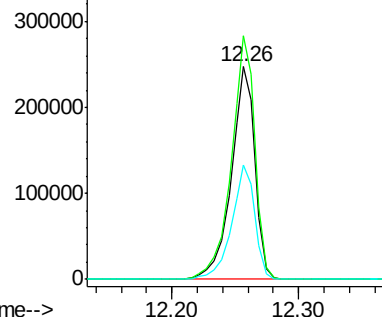
152 53.8 43.6 65.4



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: 23.14 ng

RT: 12.23 min Scan# 1810

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

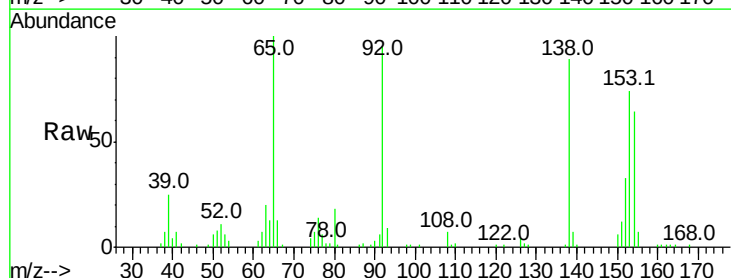
Tgt Ion:138 Resp: 58575

Ion Ratio Lower Upper

138 100

108 8.4 9.1 13.7#

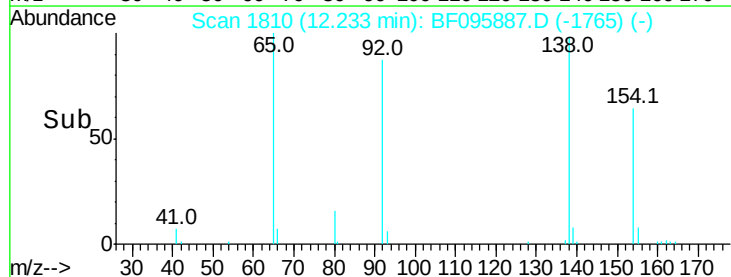
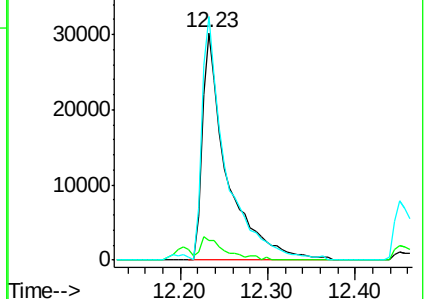
92 107.2 93.8 140.6

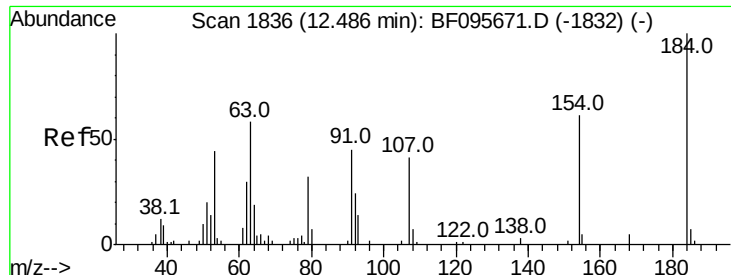


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

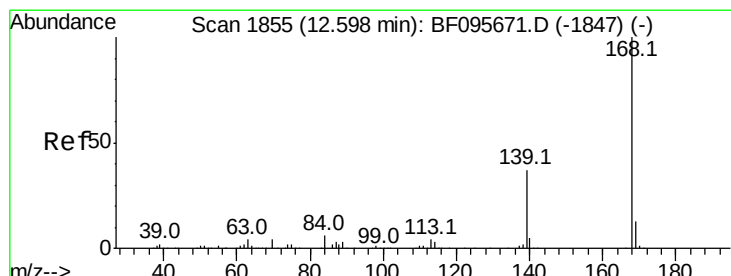
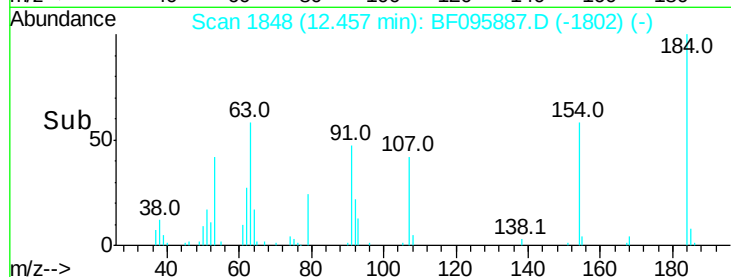
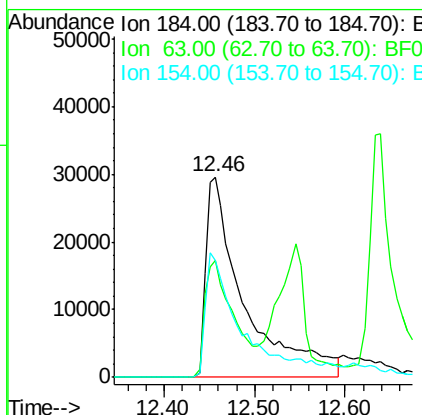
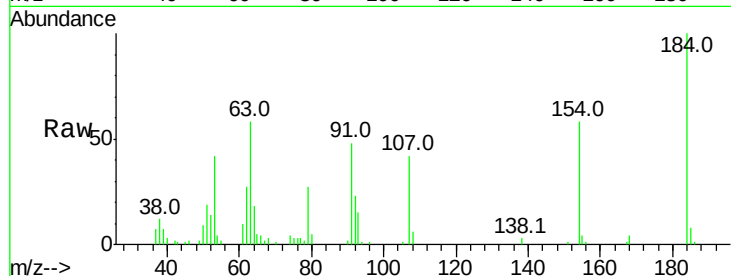




#53
 2,4-Dinitrophenol
 Concen: 71.83 ng
 RT: 12.46 min Scan# 1848
 Delta R.T. -0.03 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

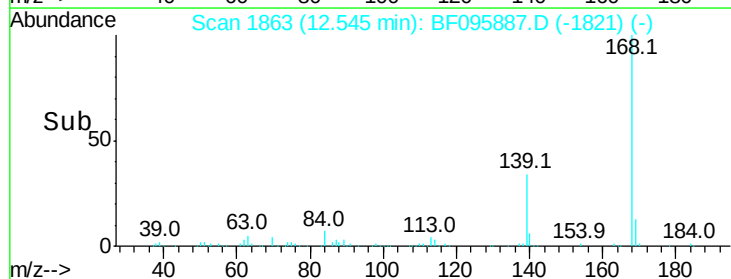
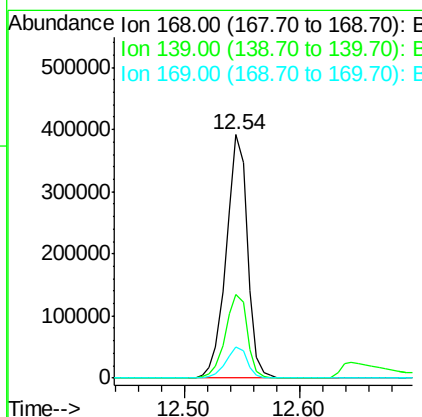
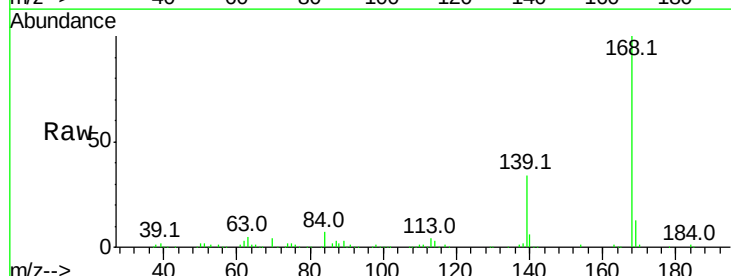
Instrument :
 BNA_F
 ClientSampled :

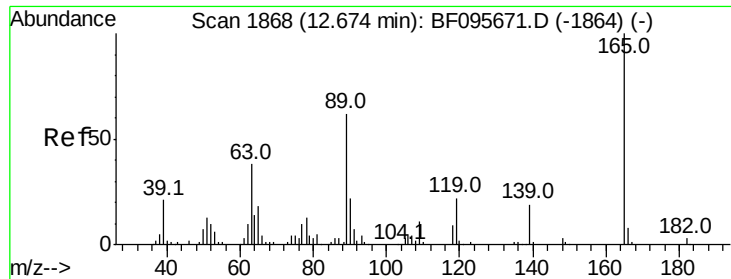
Tot Ion:184 Resp: 87464
 Ion Ratio Lower Upper
 184 100
 63 58.2 62.7 94.1#
 154 58.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.42 ng
 RT: 12.54 min Scan# 1863
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion:168 Resp: 498024
 Ion Ratio Lower Upper
 168 100
 139 34.4 30.6 45.8
 169 13.0 10.8 16.2

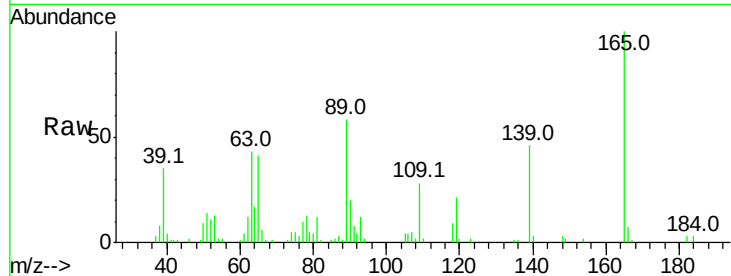




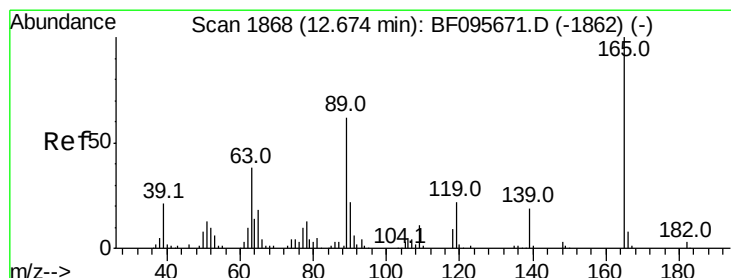
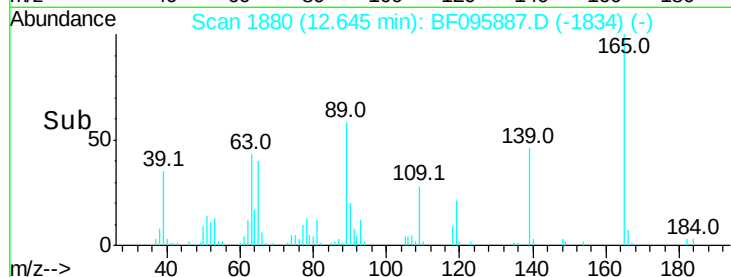
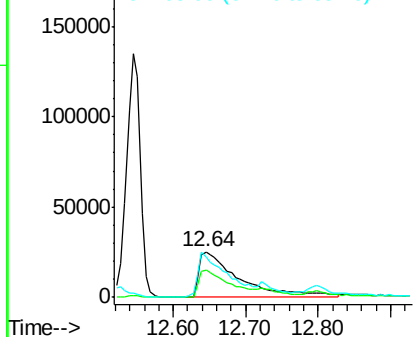
#55
4-Nitrophenol
Concen: 67.12 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 98009
Ion Ratio Lower Upper
139 100
109 60.0 34.1 74.1
65 88.7 31.4 71.4#

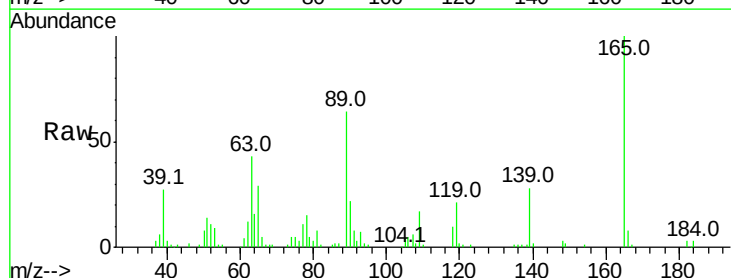


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

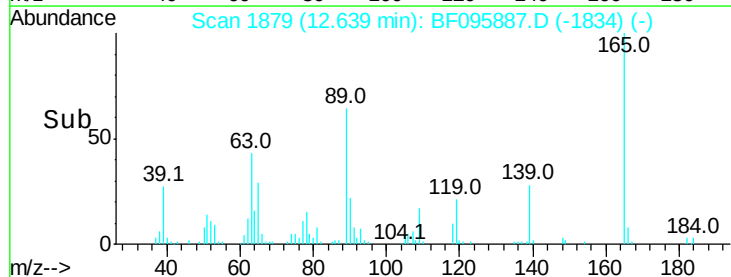
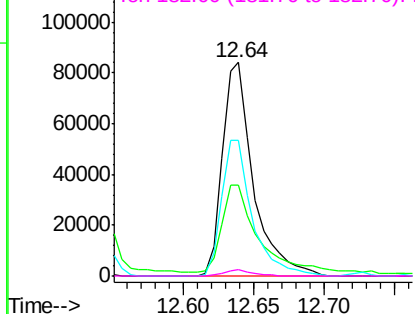


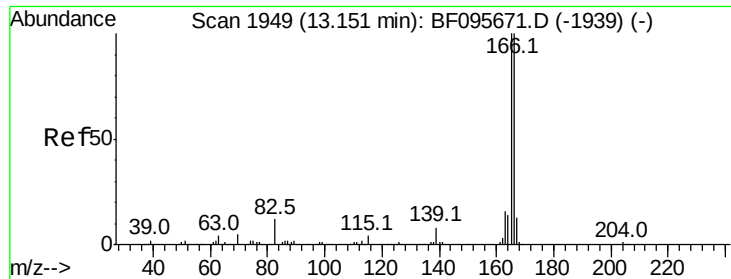
#56
2,4-Dinitrotoluene
Concen: 43.63 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion:165 Resp: 128021
Ion Ratio Lower Upper
165 100
63 42.8 25.4 38.0#
89 63.6 46.4 69.6
182 2.7 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.45 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

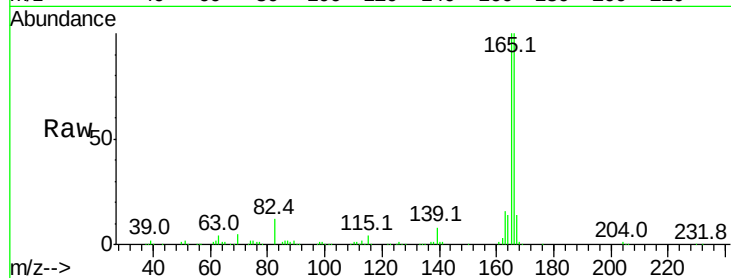
Tot Ion:166 Resp: 403080

Ion Ratio Lower Upper

166 100

165 99.9 78.8 118.2

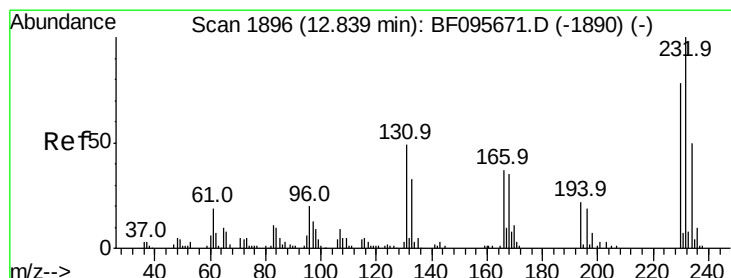
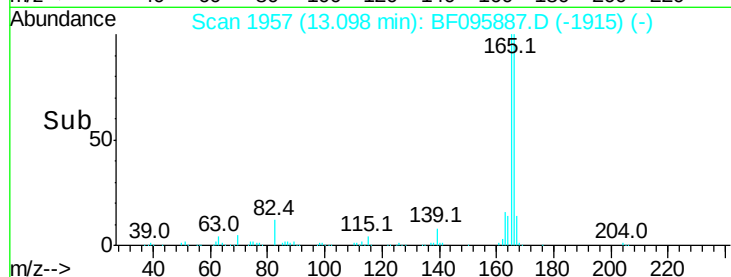
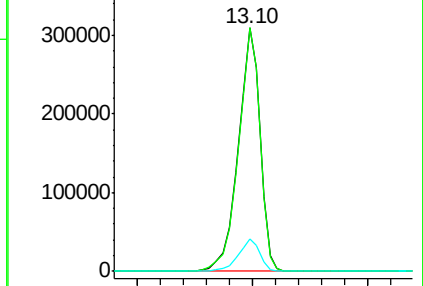
167 13.5 10.6 16.0



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: 45.73 ng

RT: 12.80 min Scan# 1906

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Tgt Ion:232 Resp: 84003

Ion Ratio Lower Upper

232 100

131 48.6 44.8 67.2

130 1.6 2.3 3.5#

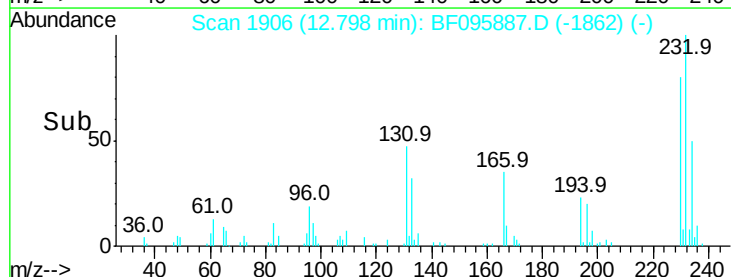
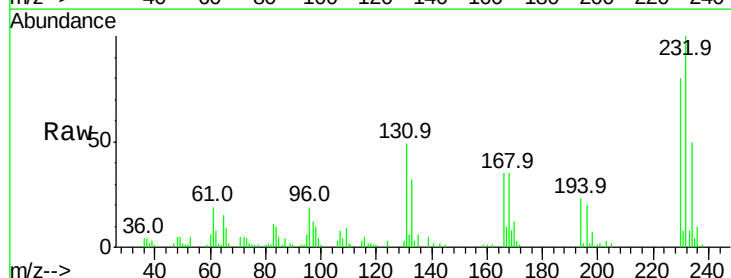
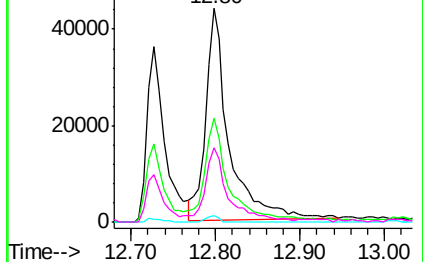
166 32.1 29.0 43.4

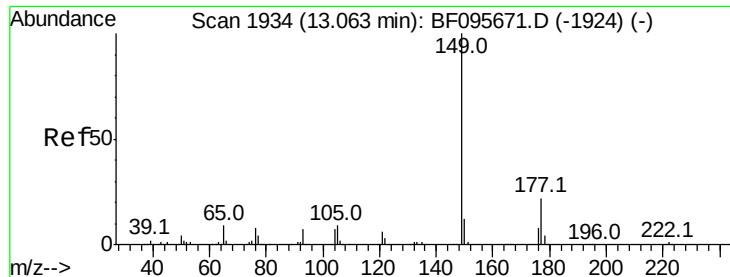
Abundance Ion 232.00 (231.70 to 232.70): E

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

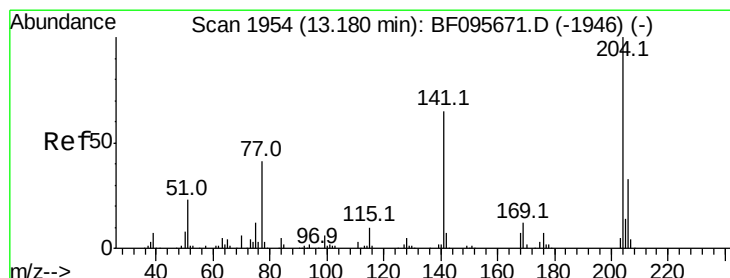
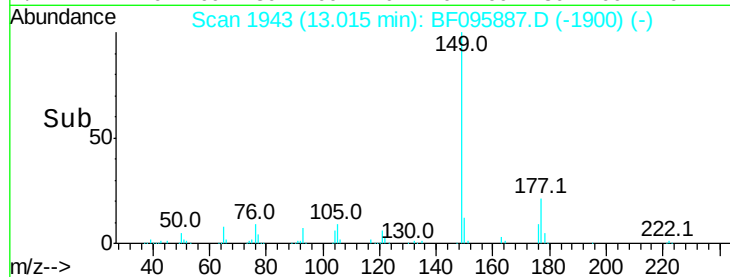
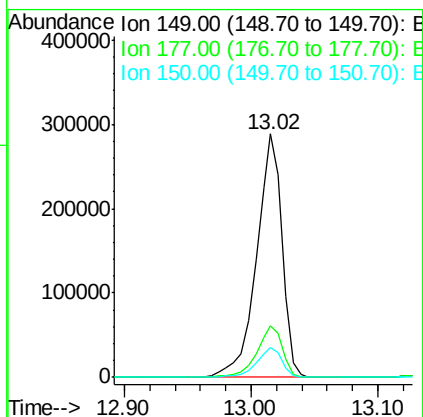
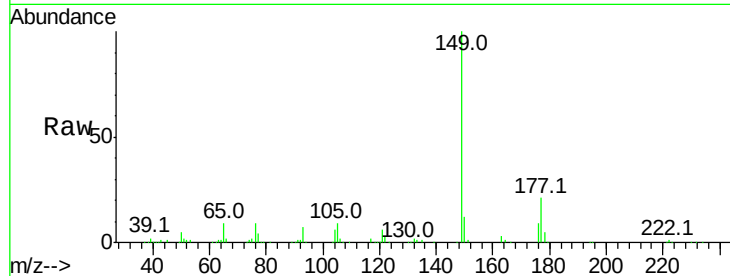




#59
Diethylphthalate
Concen: 42.25 ng
RT: 13.02 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

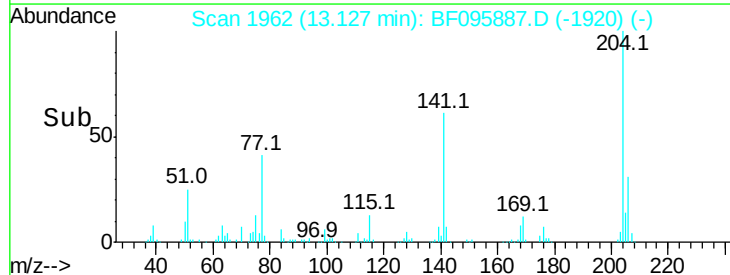
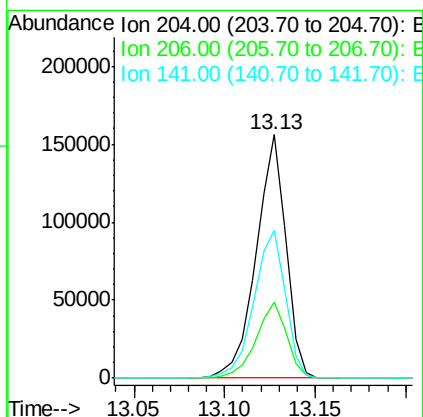
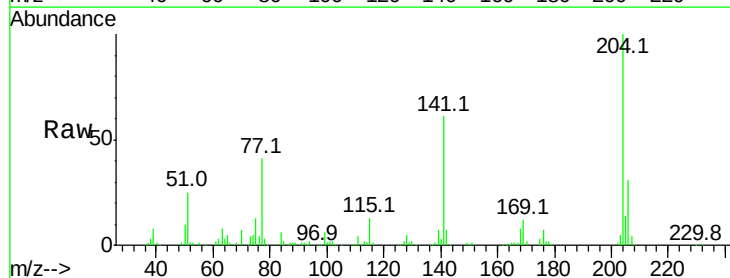
Instrument :
BNA_F
ClientSampleId :

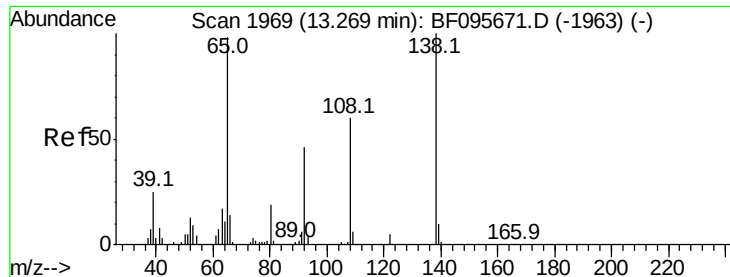
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.05 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.2	39.2
141	60.8	60.8	91.2

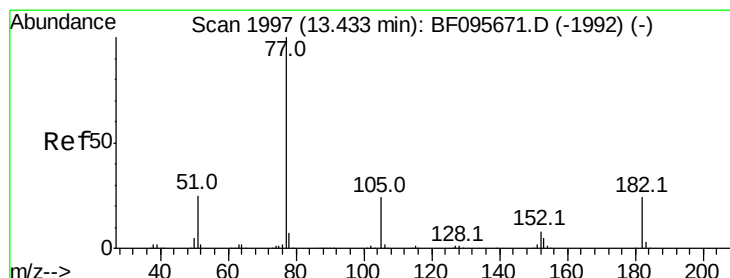
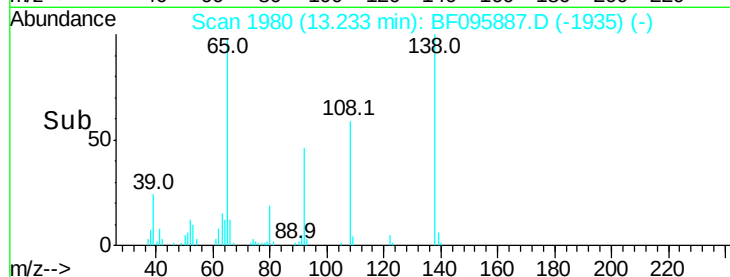
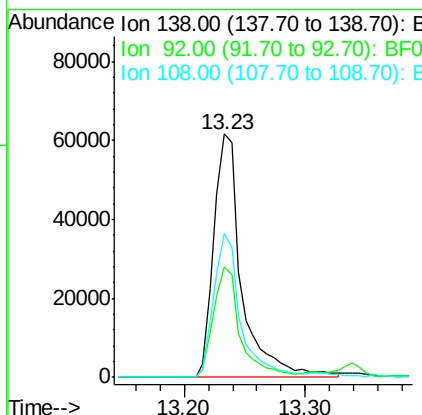
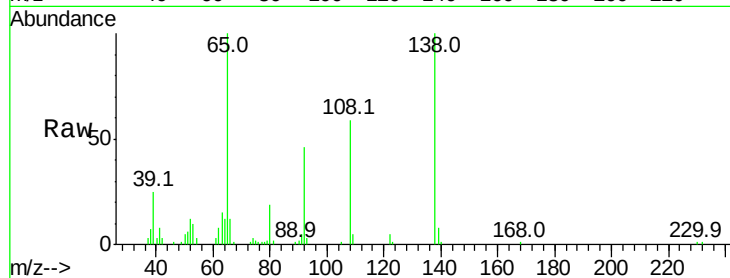




#61
4-Nitroaniline
Concen: 41.83 ng
RT: 13.23 min Scan# 1980
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

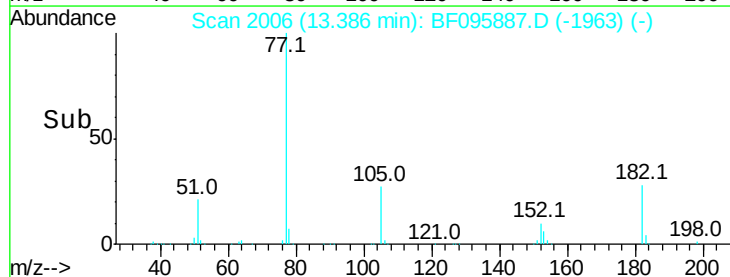
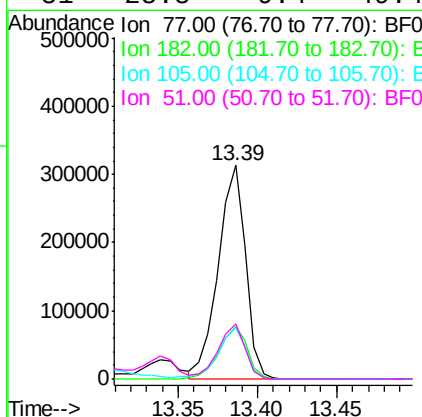
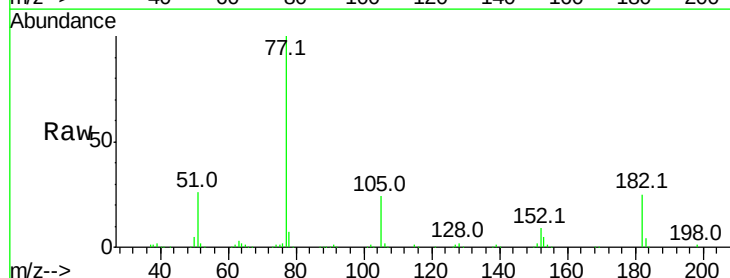
Instrument :
BNA_F
ClientSampled :

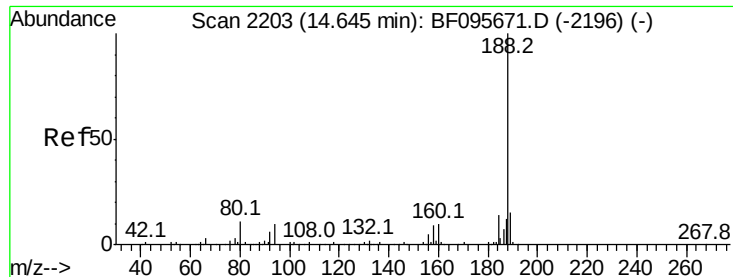
Tot Ion:138 Resp: 98835
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 58.9 42.3 82.3



#62
Azobenzene
Concen: 43.20 ng
RT: 13.39 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion: 77 Resp: 375228
Ion Ratio Lower Upper
77 100
182 24.7 0.1 40.1
105 24.3 3.6 43.6
51 25.5 9.4 49.4

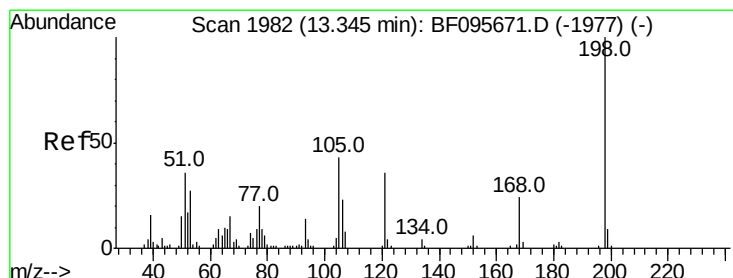
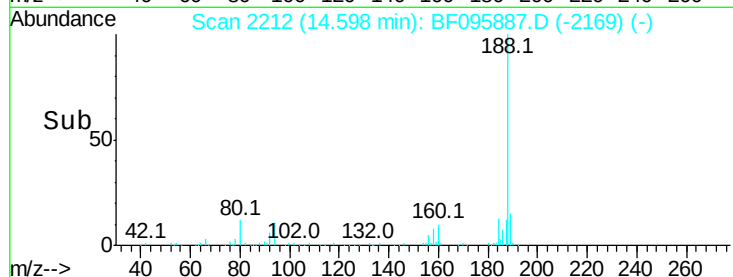
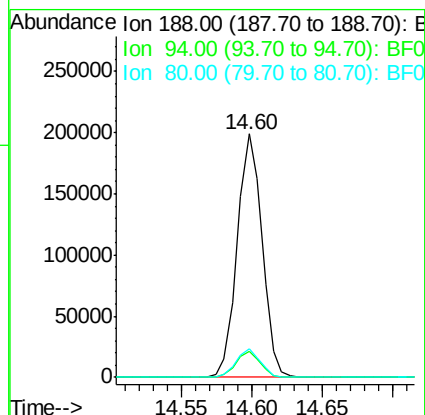
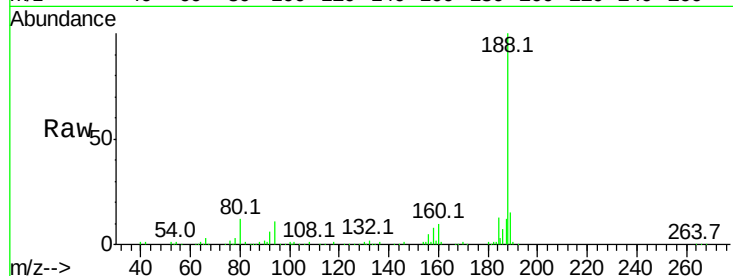




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

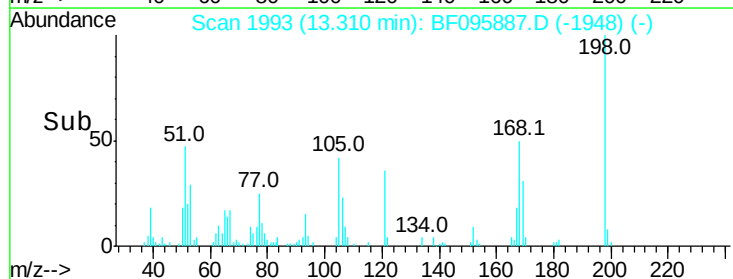
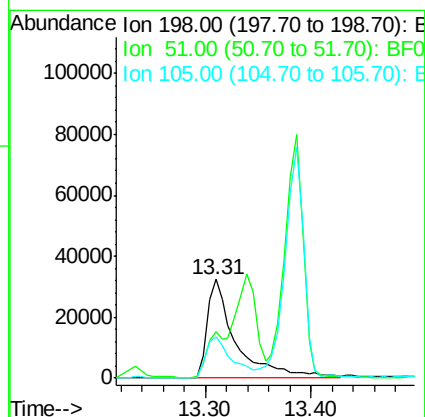
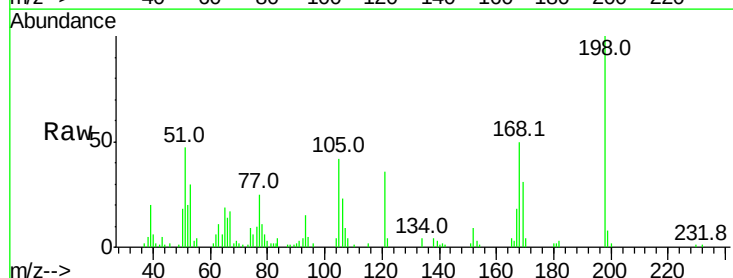
Instrument :
BNA_F
ClientSampled :

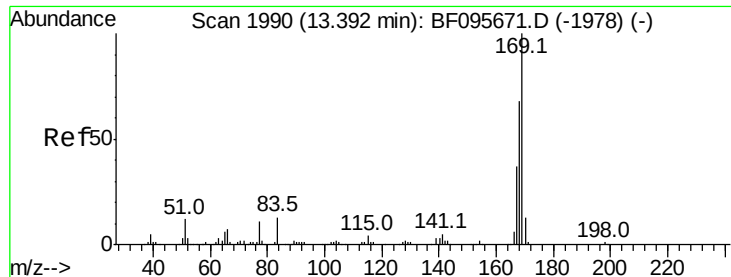
Tot Ion:188 Resp: 244112
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 38.24 ng
RT: 13.31 min Scan# 1993
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion:198 Resp: 61351
Ion Ratio Lower Upper
198 100
51 47.4 53.2 93.2#
105 42.0 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 39.54 ng

RT: 13.34 min Scan# 1998

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

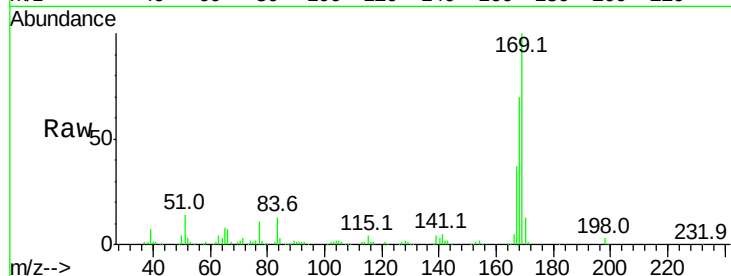
Tot Ion:169 Resp: 346811

Ion Ratio Lower Upper

169 100

168 70.1 53.2 79.8

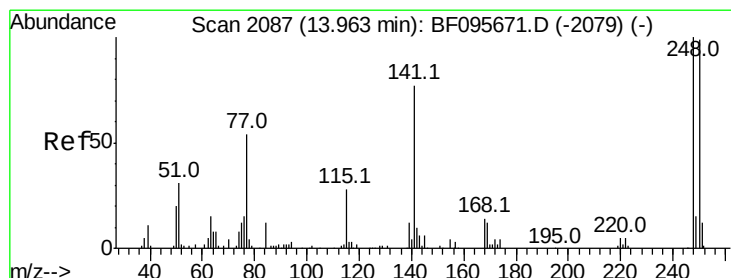
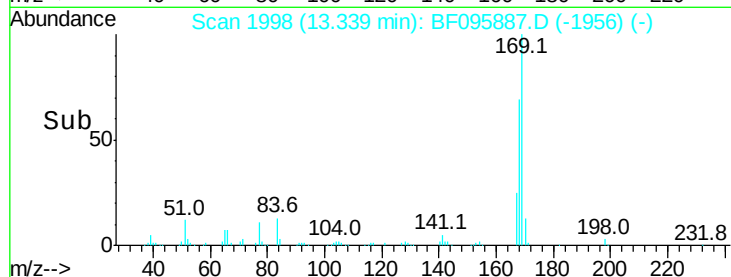
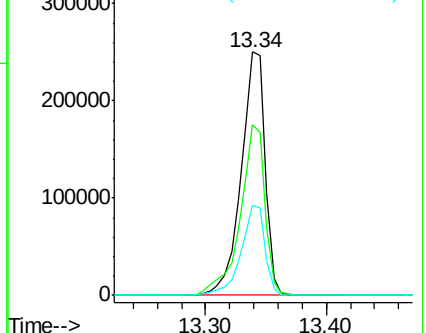
167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.79 ng

RT: 13.91 min Scan# 2095

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

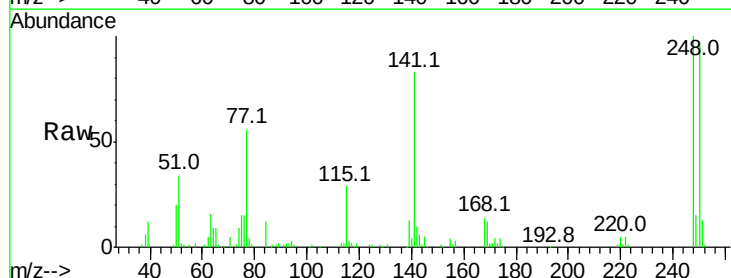
Tgt Ion:248 Resp: 103490

Ion Ratio Lower Upper

248 100

250 96.0 76.8 115.2

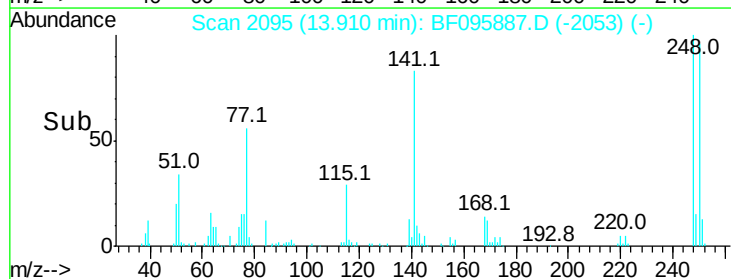
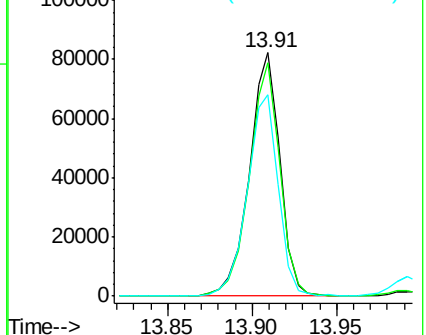
141 82.6 68.6 103.0

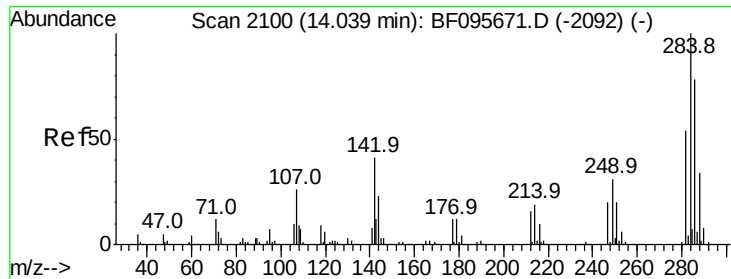


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

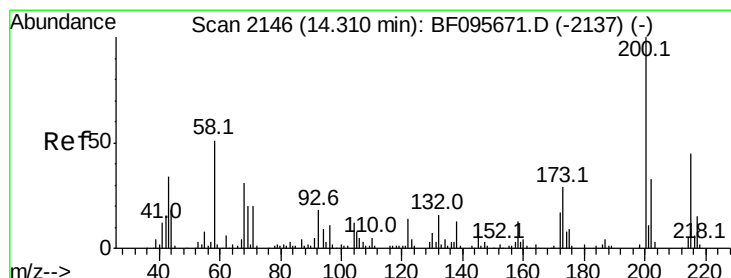
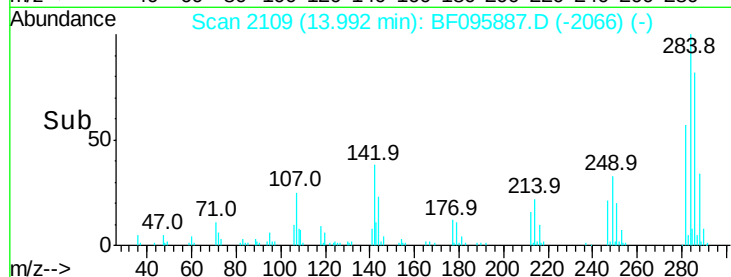
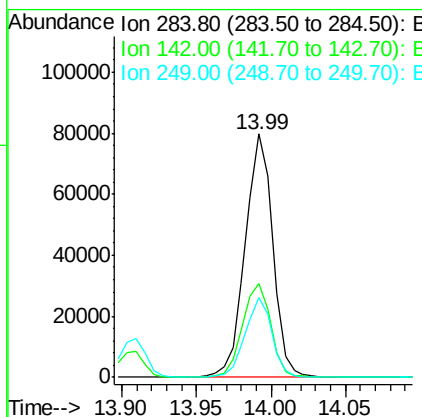
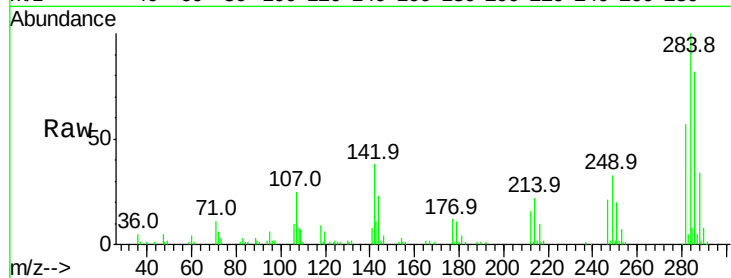




#67
Hexachlorobenzene
Concen: 40.77 ng
RT: 13.99 min Scan# 2109
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

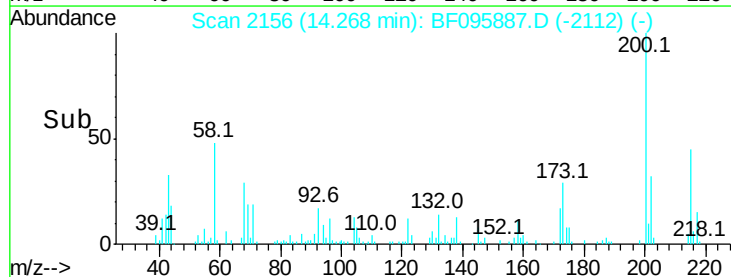
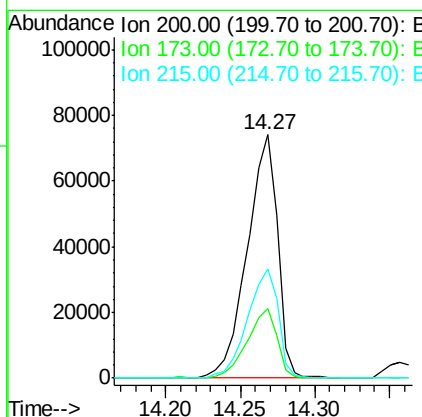
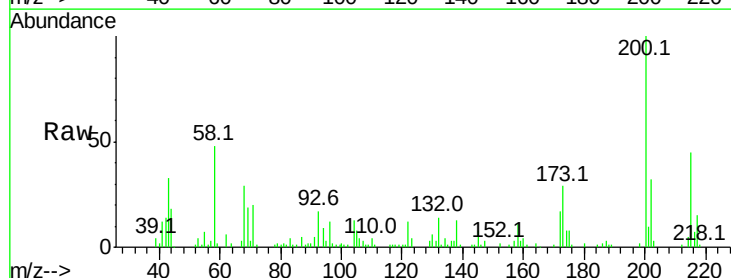
Instrument :
BNA_F
ClientSampleId :

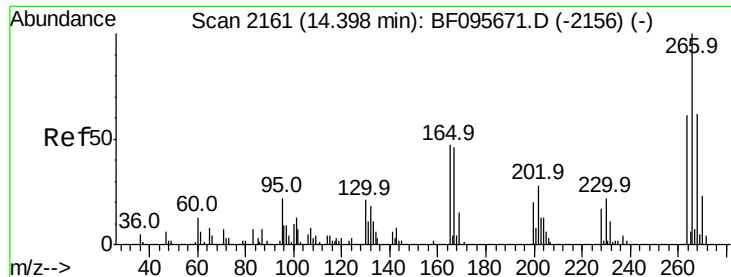
Tot Ion:284 Resp: 101917
Ion Ratio Lower Upper
284 100
142 38.3 22.8 34.2#
249 33.0 24.0 36.0



#68
Atrazine
Concen: 42.61 ng
RT: 14.27 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion:200 Resp: 104027
Ion Ratio Lower Upper
200 100
173 28.7 6.3 46.3
215 44.6 27.2 67.2

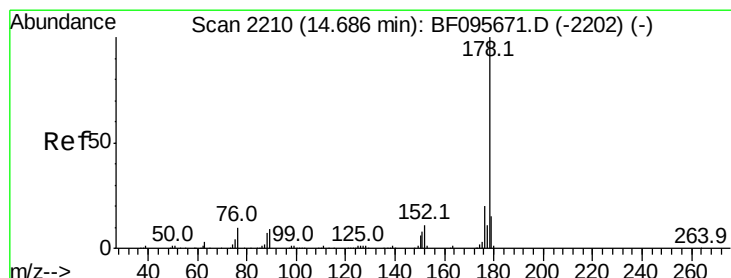
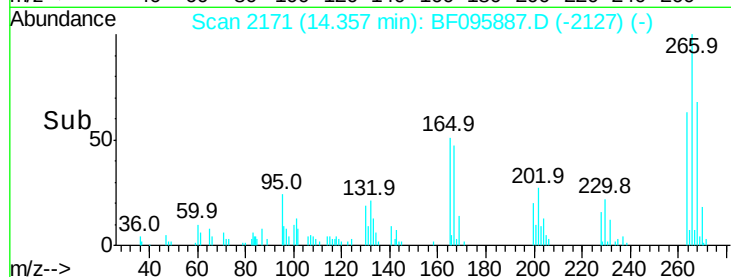
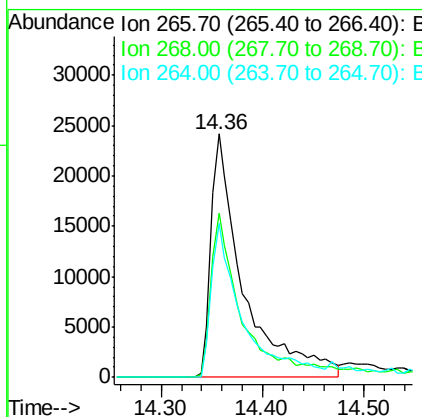
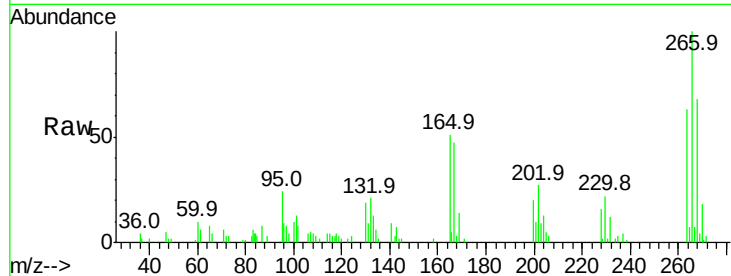




#69
 Pentachlorophenol
 Concen: 58.38 ng
 RT: 14.36 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

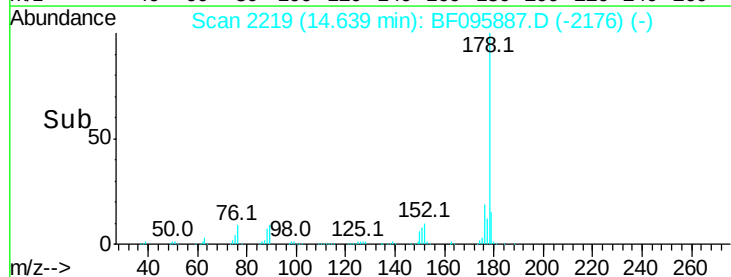
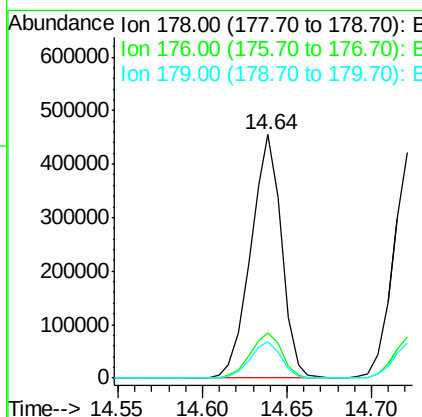
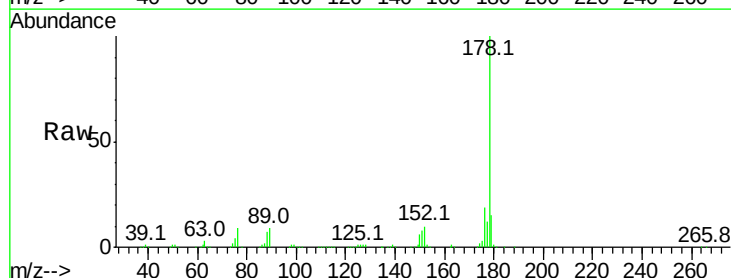
Instrument :
 BNA_F
 ClientSampleId :

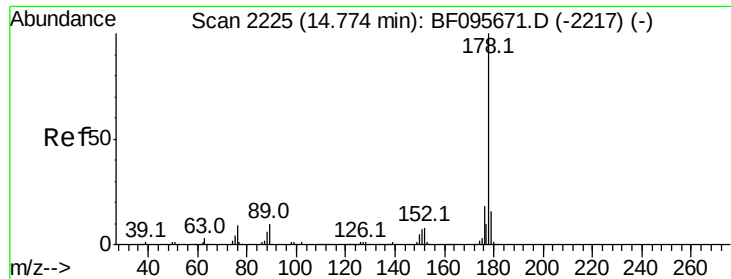
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.1	76.7
264	63.2	51.7	77.5



#70
 Phenanthrene
 Concen: 40.85 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	14.9	12.6	19.0

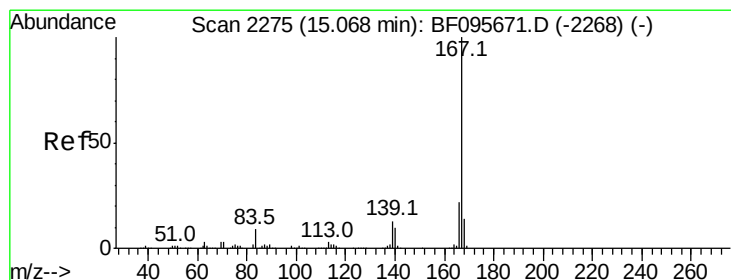
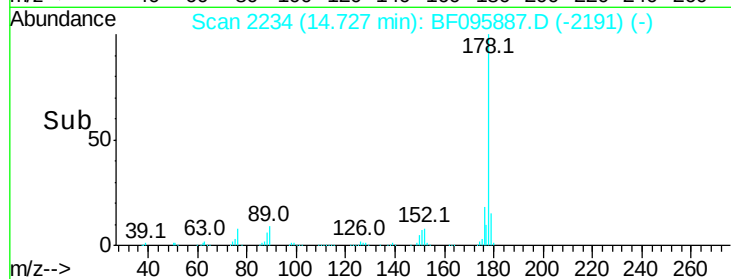
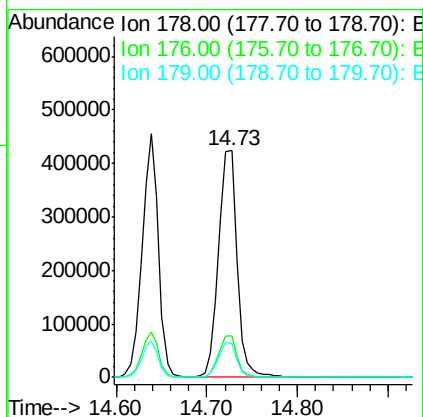
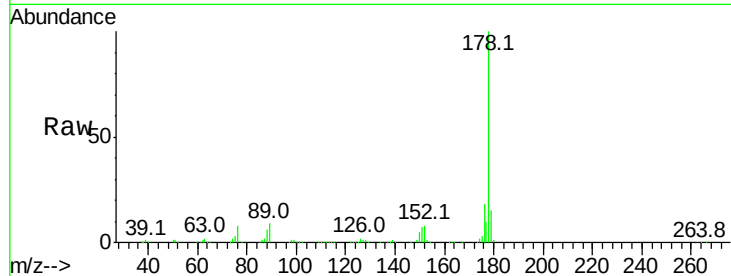




#71
 Anthracene
 Concen: 40.75 ng
 RT: 14.73 min Scan# 2234
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

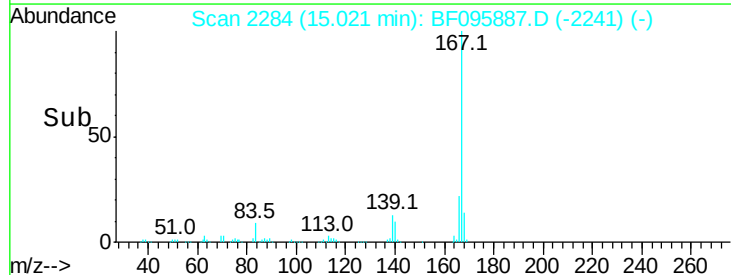
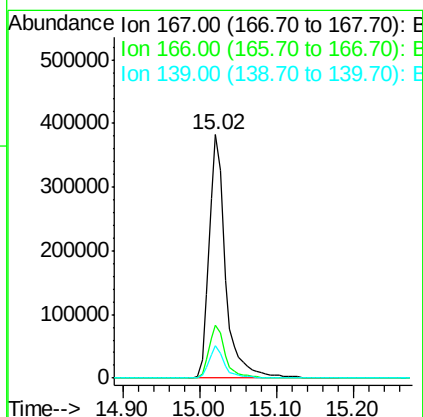
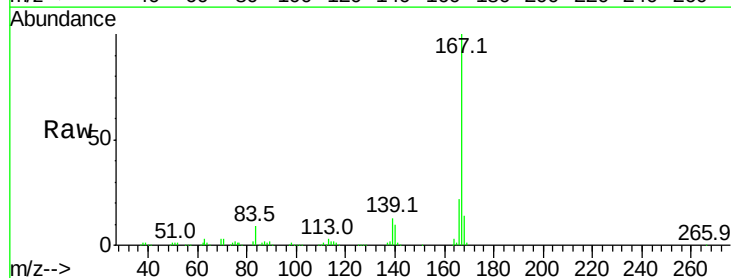
Instrument :
 BNA_F
 ClientSampleId :

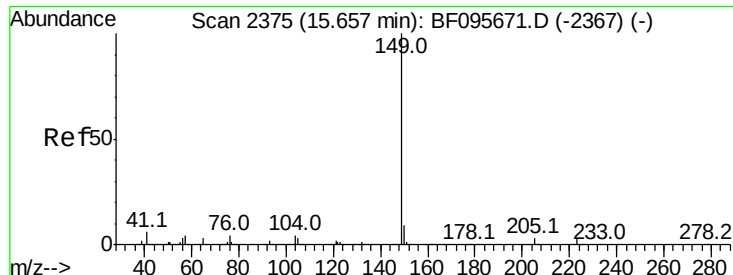
Tot Ion:178 Resp: 599234
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.8 23.8
 179 14.6 12.7 19.1



#72
 Carbazole
 Concen: 38.91 ng
 RT: 15.02 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion:167 Resp: 557648
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.1 11.7 17.5

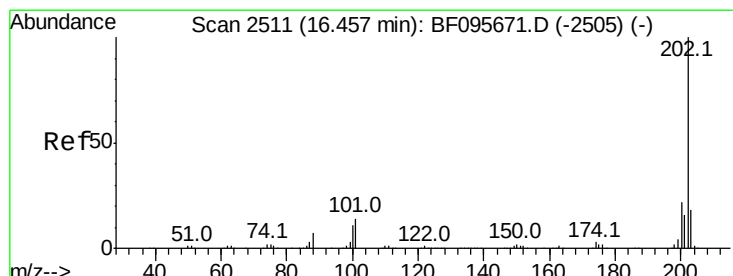
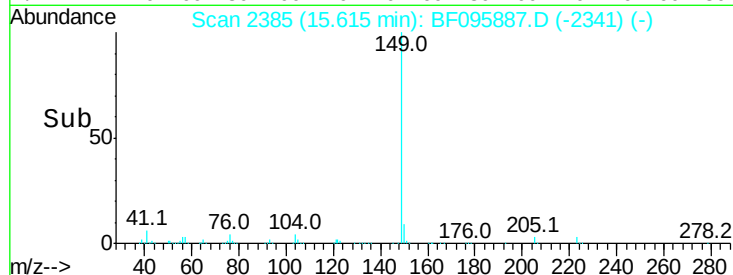
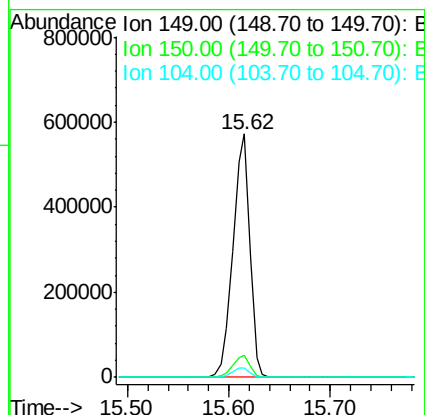
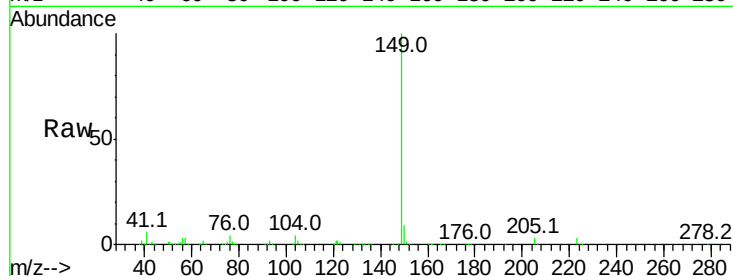




#73
Di-n-butylphthalate
Concen: 43.44 ng
RT: 15.62 min Scan# 2385
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

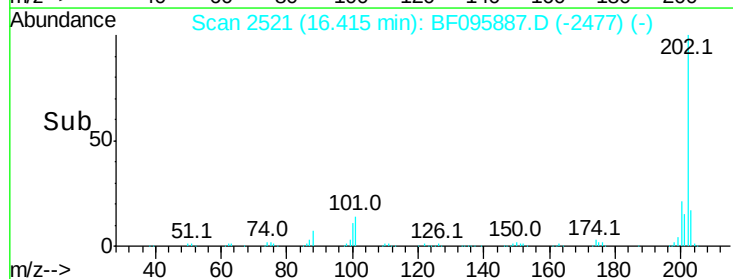
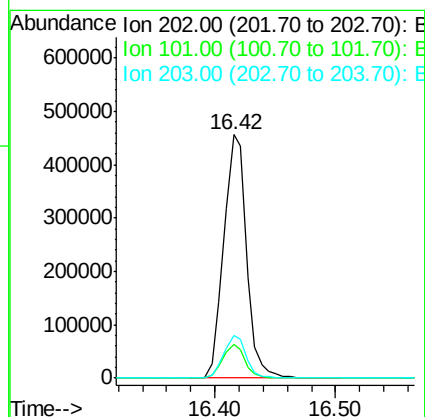
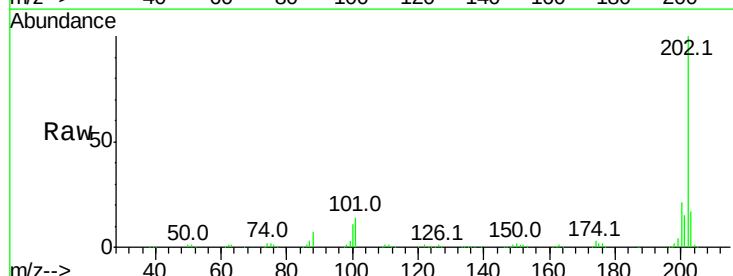
Instrument :
BNA_F
ClientSampleId :

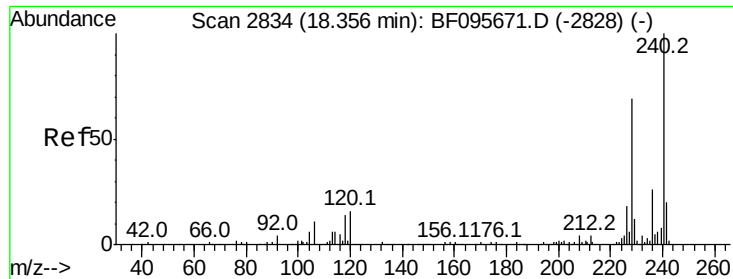
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.0	4.0	6.0



#74
Fluoranthene
Concen: 42.71 ng
RT: 16.42 min Scan# 2521
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.3	0.0	38.1

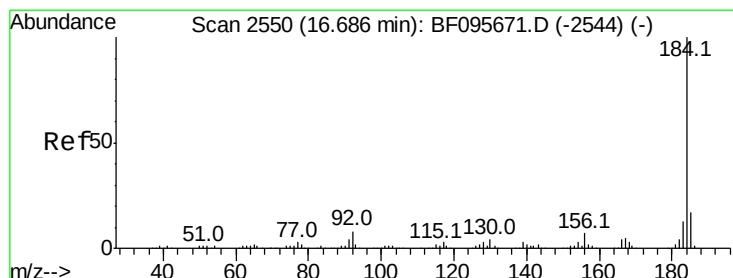
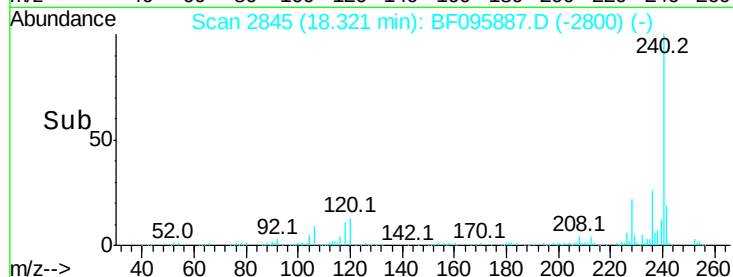
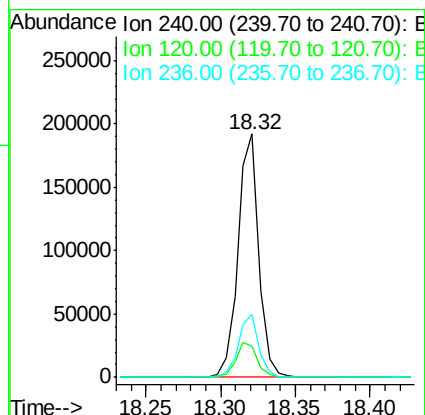
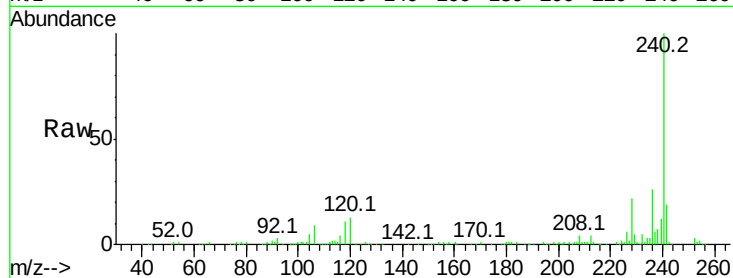




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.04 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

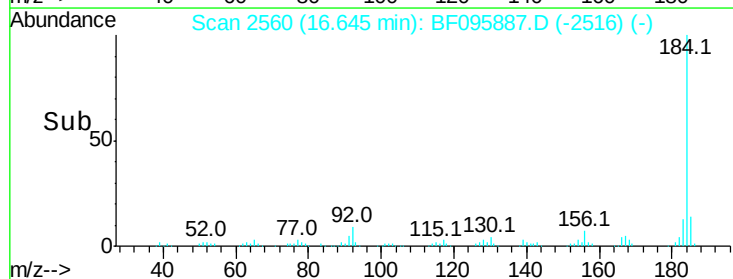
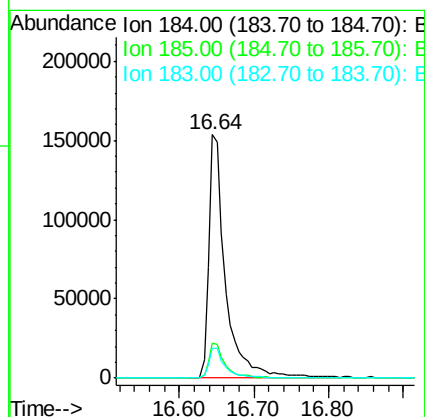
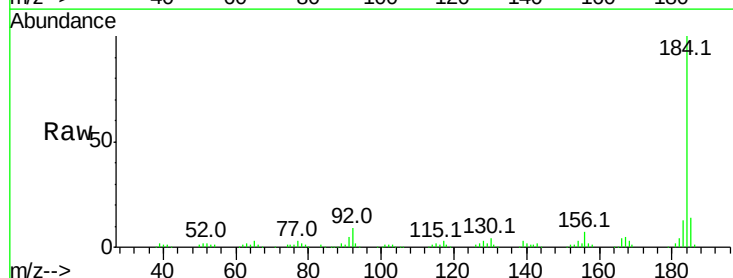
Instrument :
 BNA_F
 ClientSampleId :

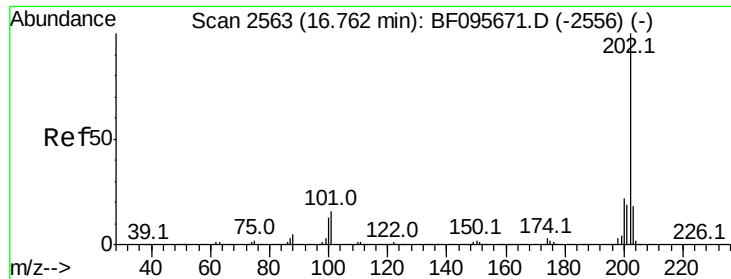
Tot Ion:240 Resp: 186737
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 26.1 20.5 30.7



#76
 Benzidine
 Concen: 33.34 ng
 RT: 16.64 min Scan# 2560
 Delta R.T. -0.04 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion:184 Resp: 239126
 Ion Ratio Lower Upper
 184 100
 185 14.3 15.5 23.3#
 183 12.5 9.8 14.6

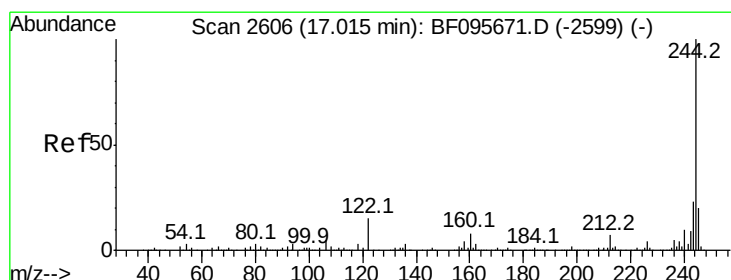
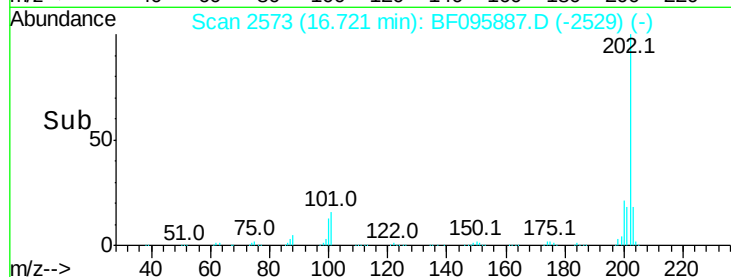
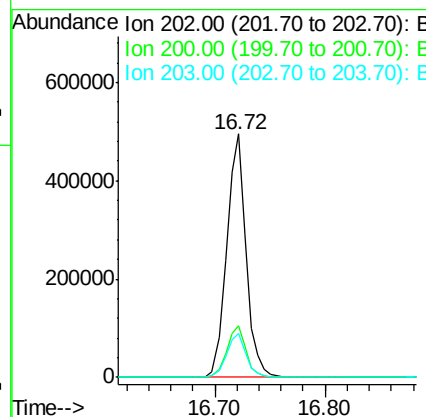
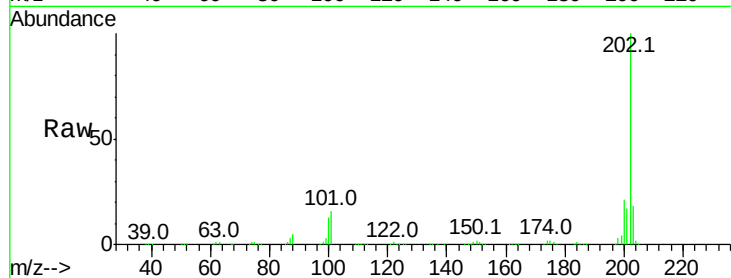




#77
Pvrene
Concen: 43.32 ng
RT: 16.72 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

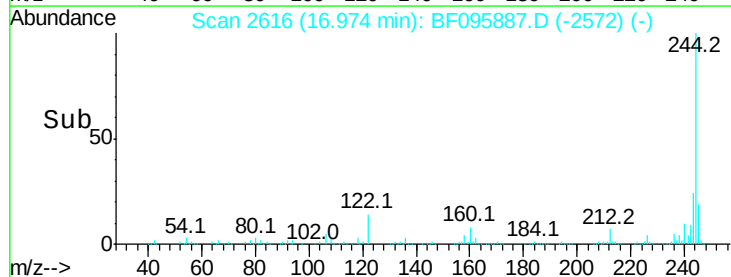
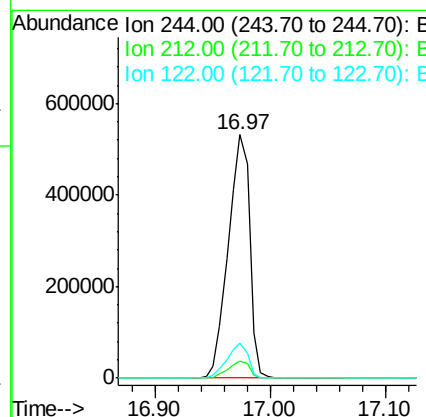
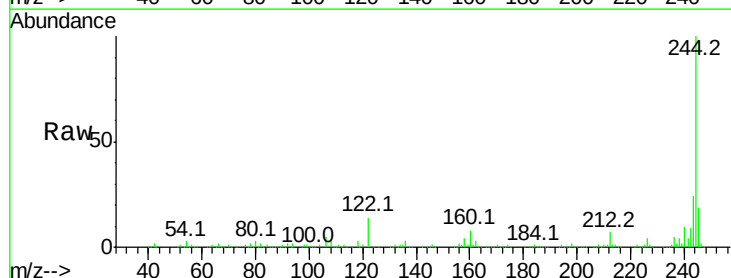
Instrument :
BNA_F
ClientSampleId :

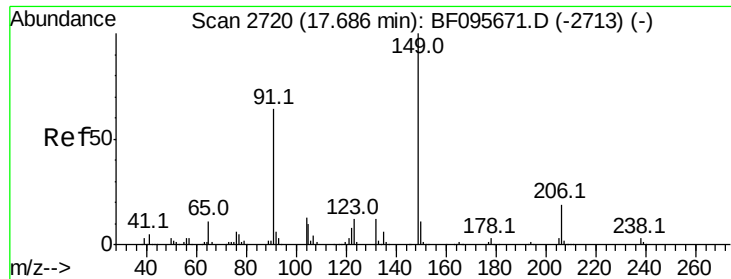
Tot Ion:202 Resp: 603623
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 18.1 14.4 21.6



#78
Terphenyl-d14
Concen: 90.81 ng
RT: 16.97 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion:244 Resp: 683268
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.4 10.3 15.5

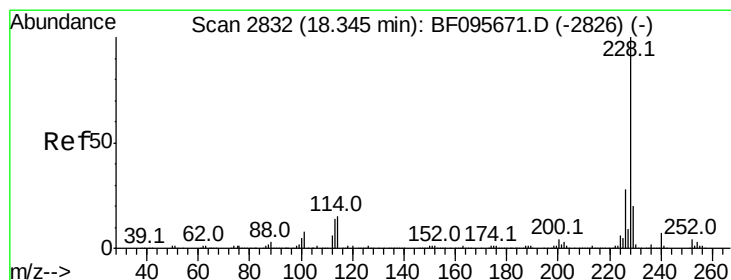
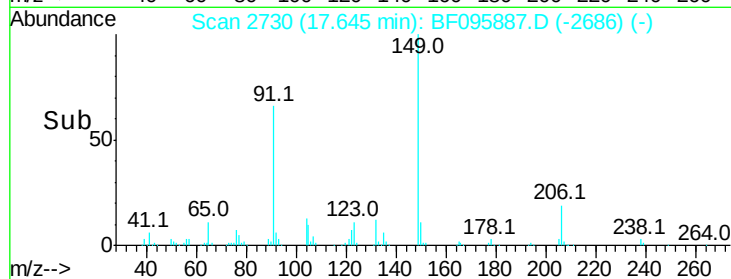
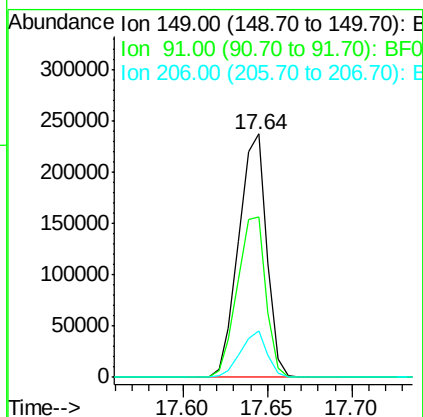
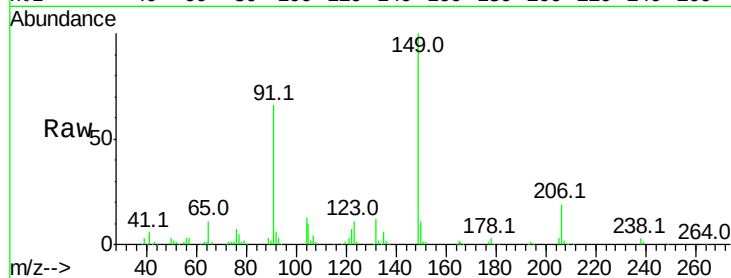




#79
Butylbenzylphthalate
Concen: 45.34 ng
RT: 17.64 min Scan# 2730
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

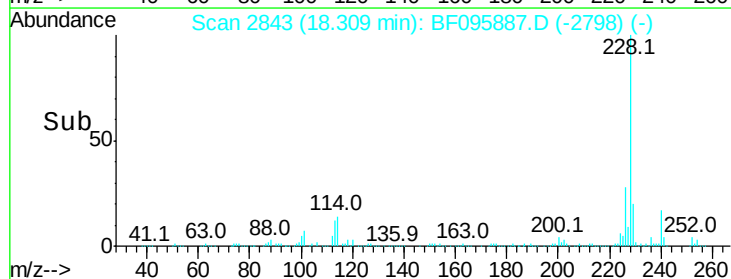
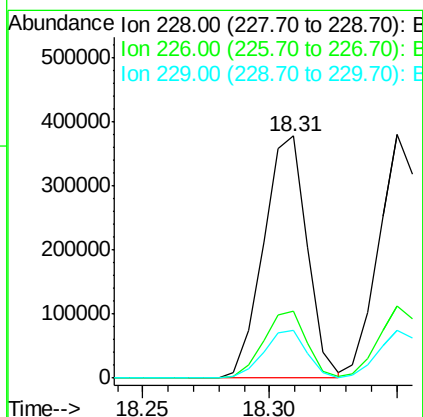
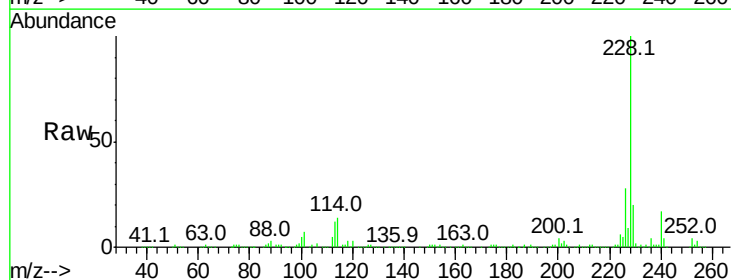
Instrument :
BNA_F
ClientSampleId :

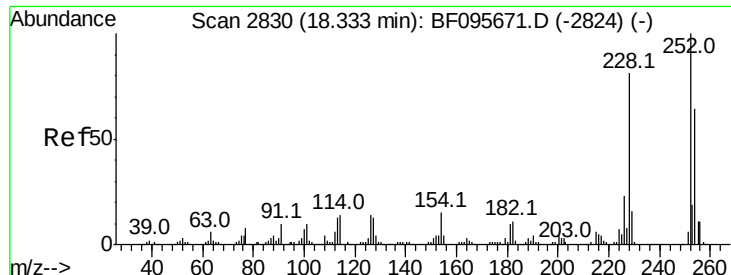
Tot Ion:149 Resp: 275922
Ion Ratio Lower Upper
149 100
91 65.7 45.0 67.4
206 19.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 41.78 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion:228 Resp: 453642
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.8 16.3 24.5

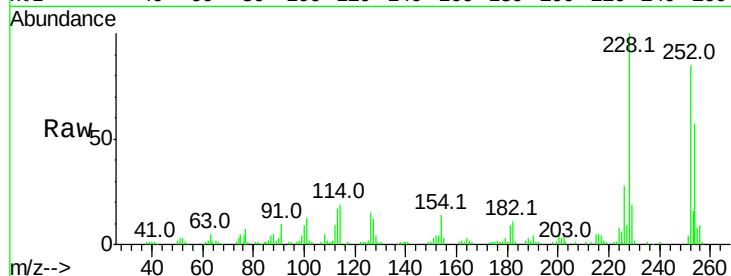




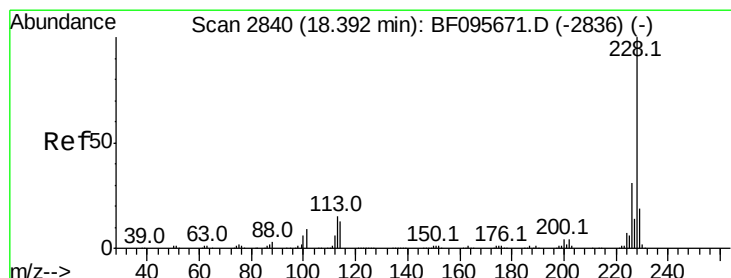
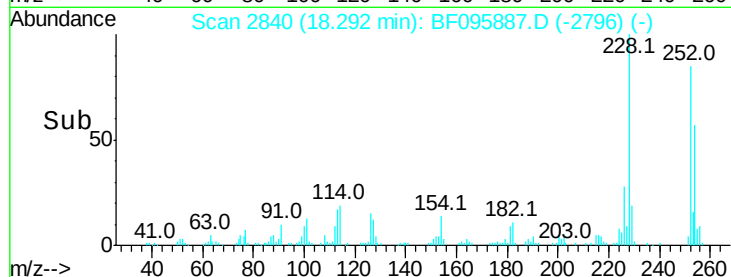
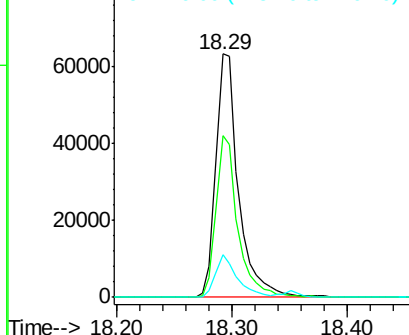
#81
 3,3'-Dichlorobenzidine
 Concen: 22.39 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.04 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 86412
 Ion Ratio Lower Upper
 252 100
 254 66.2 51.5 77.3
 126 17.6 15.8 23.8

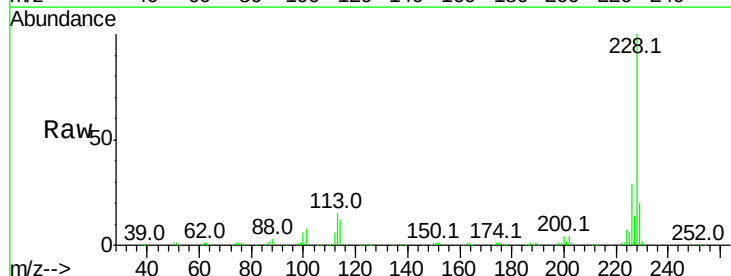


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

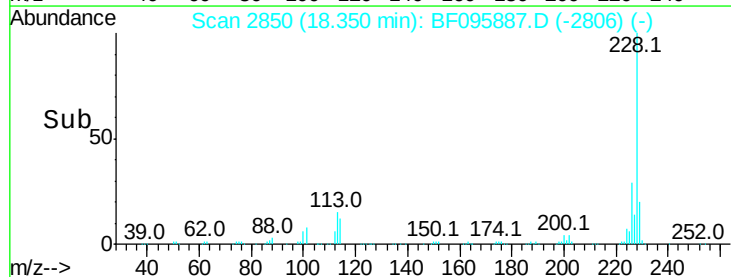
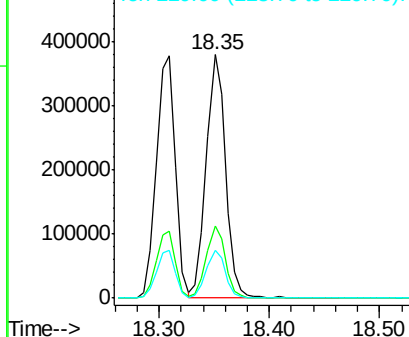


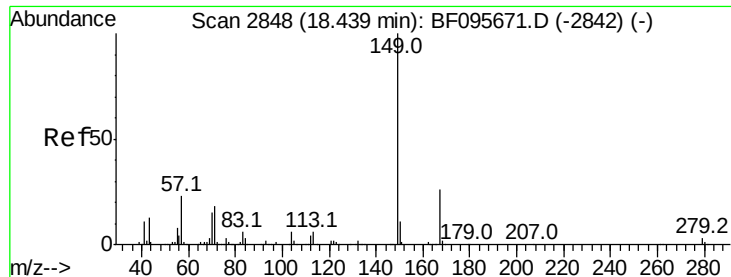
#82
 Chrysene
 Concen: 41.42 ng
 RT: 18.35 min Scan# 2850
 Delta R.T. -0.04 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion:228 Resp: 449451
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.9 37.3
 229 19.8 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: 44.36 ng

RT: 18.39 min Scan# 2857

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

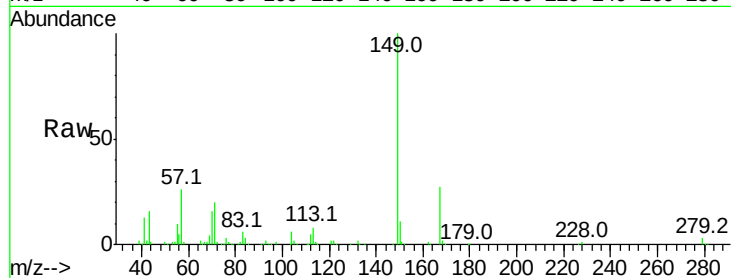
Tot Ion:149 Resp: 380771

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

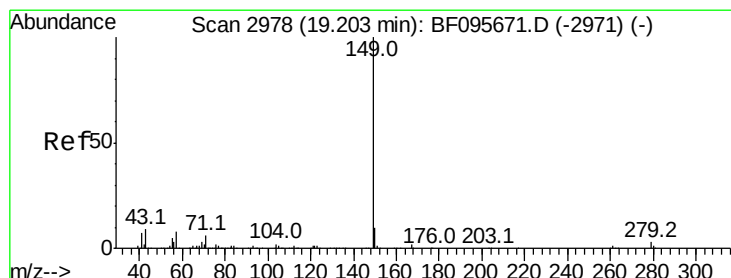
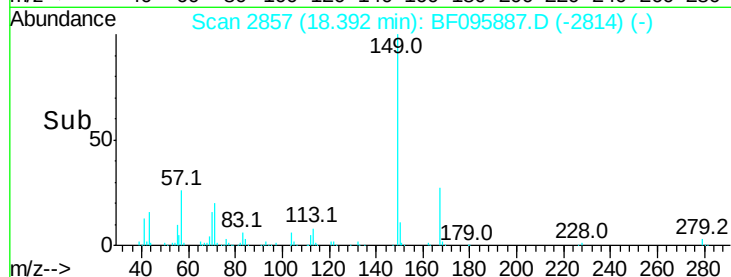
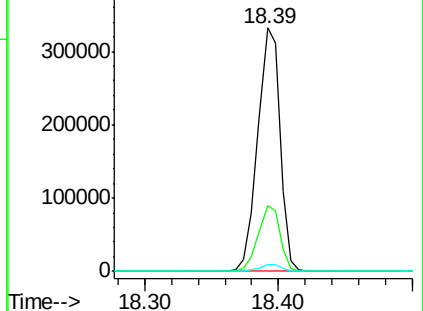
279 2.9 1.9 2.9



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: 42.91 ng

RT: 19.16 min Scan# 2988

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

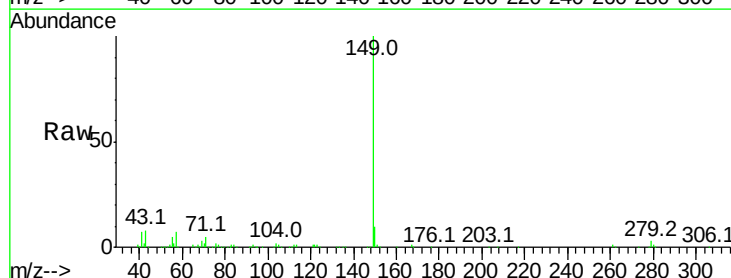
Tgt Ion:149 Resp: 606963

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

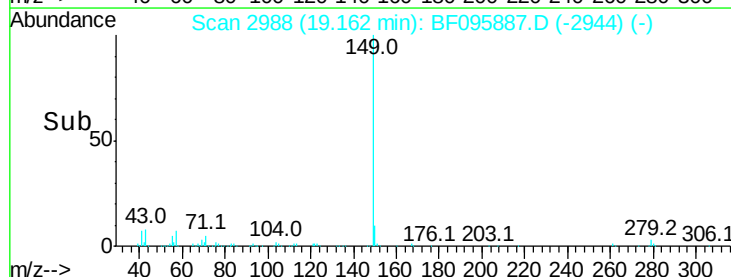
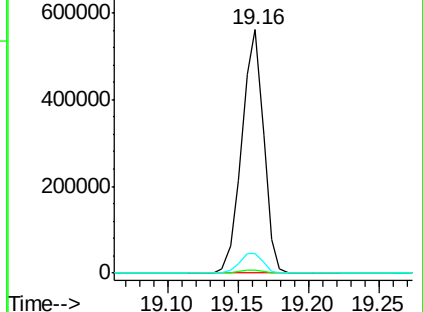
43 8.8 8.5 12.7

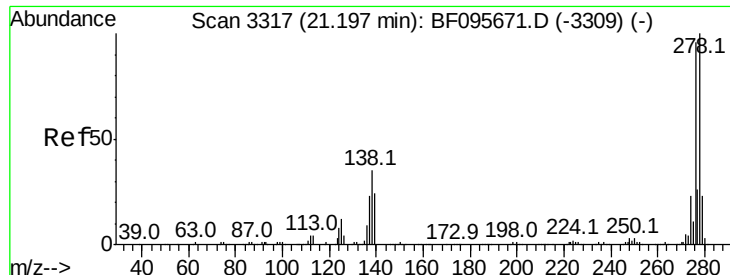


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



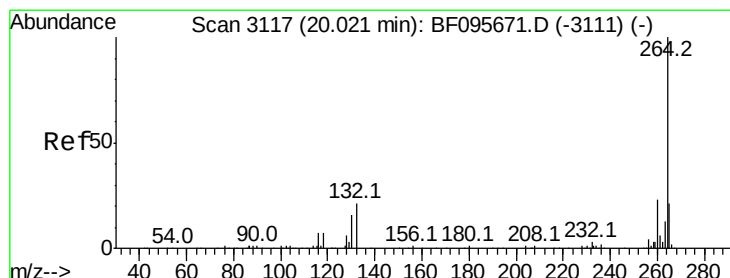
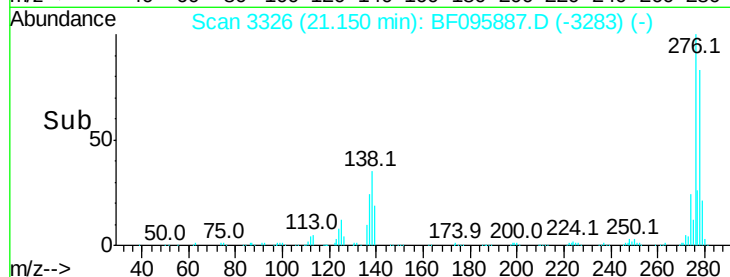
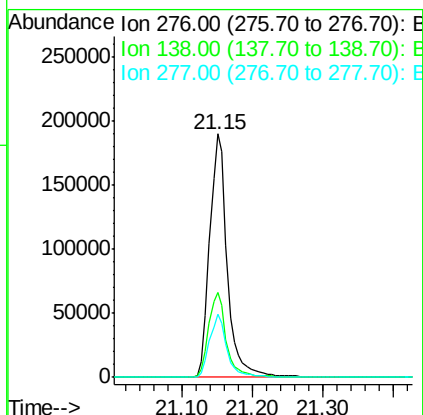
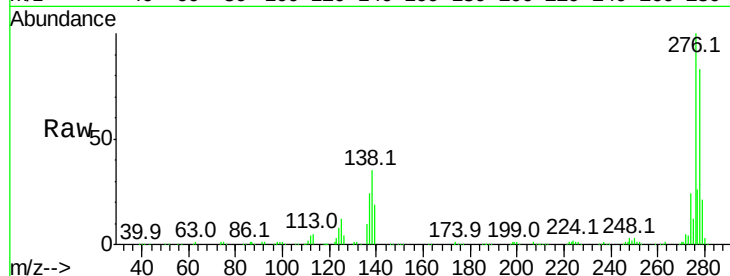


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.70 ng
 RT: 21.15 min Scan# 3326
 Delta R.T. -0.05 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 331452

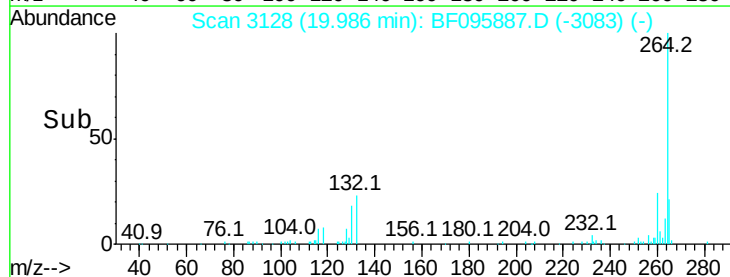
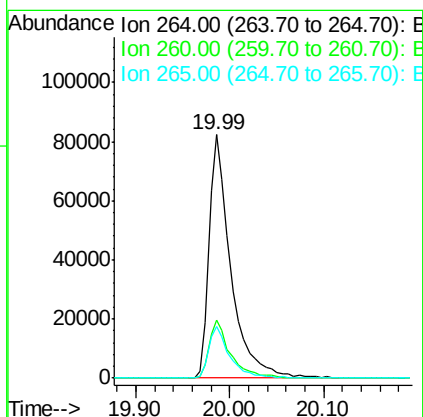
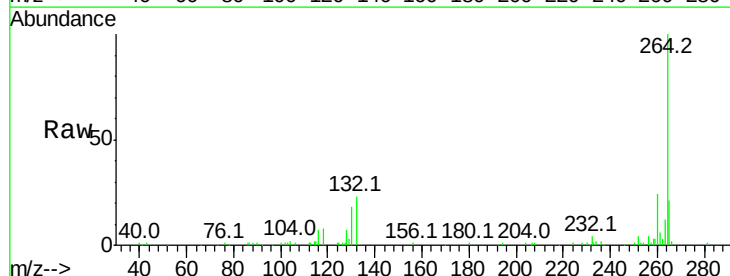
Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.3	20.2	30.4

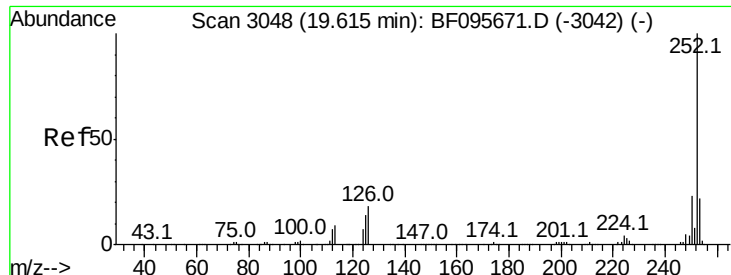


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095887.D
 Acq: 12 Jun 2017 23:21

Tgt Ion:264 Resp: 133671

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.78 ng

RT: 19.58 min Scan# 3059

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

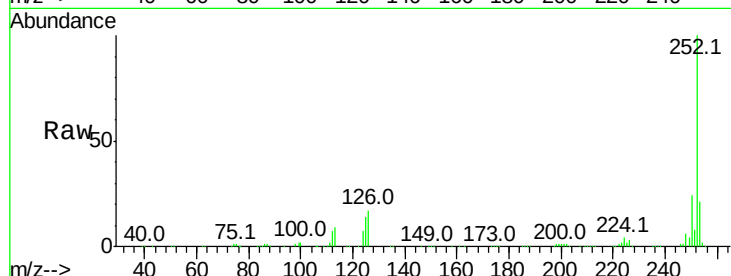
Tot Ion:252 Resp: 341289

Ion Ratio Lower Upper

252 100

253 21.1 18.1 27.1

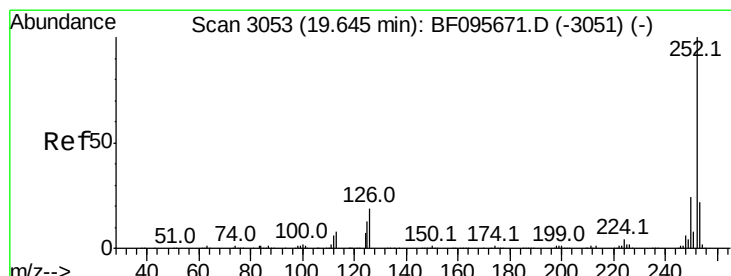
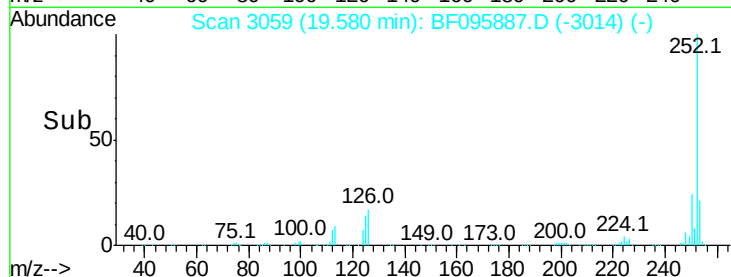
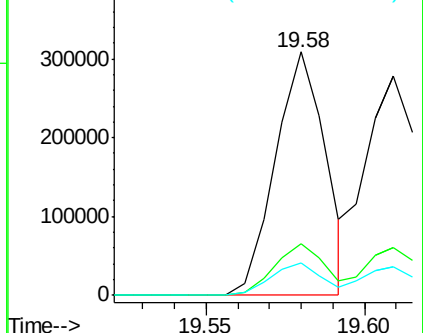
125 13.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.92 ng

RT: 19.61 min Scan# 3064

Delta R.T. -0.04 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

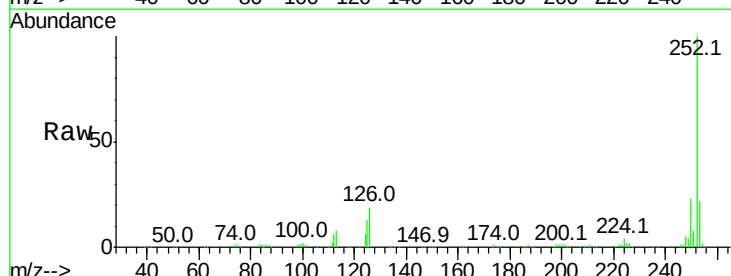
Tgt Ion:252 Resp: 367384

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

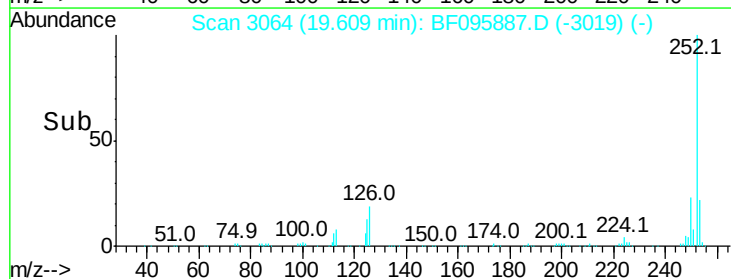
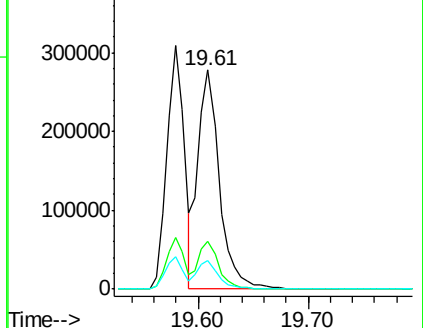
125 13.3 13.1 19.7

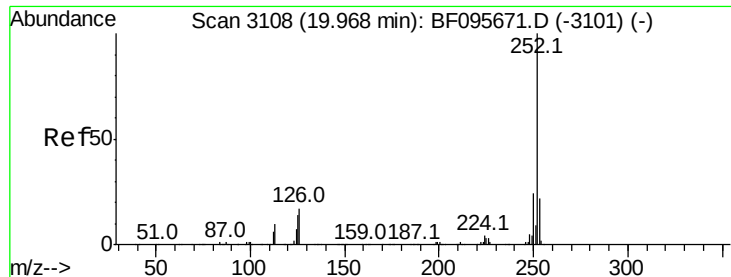


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

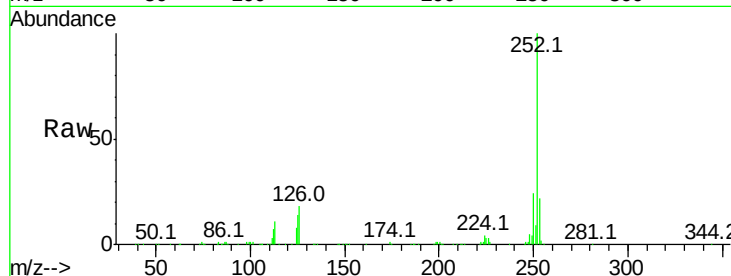




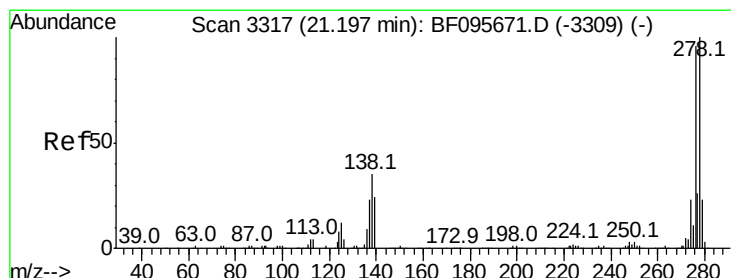
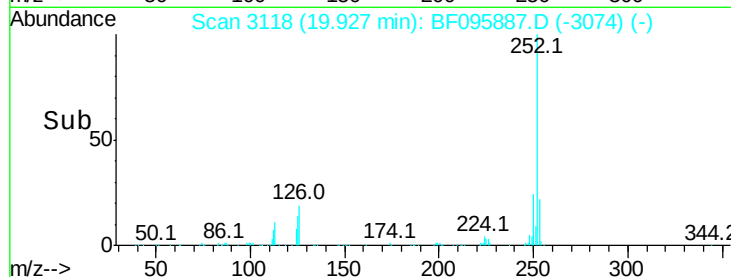
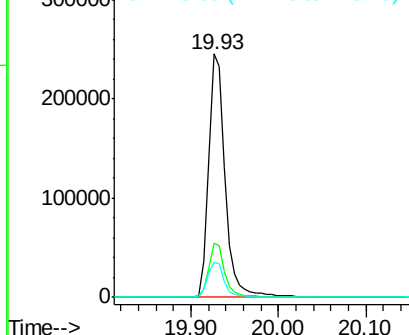
#89
Benzo(a)pyrene
Concen: 42.17 ng
RT: 19.93 min Scan# 3118
Delta R.T. -0.04 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.4	11.0	16.4

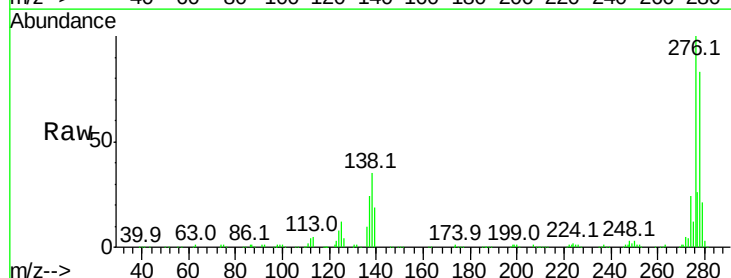


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

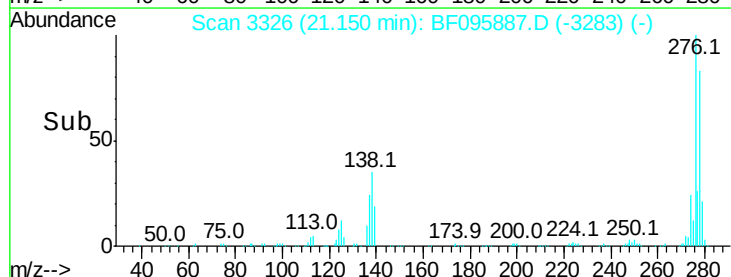
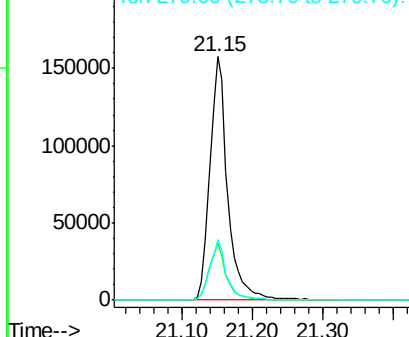


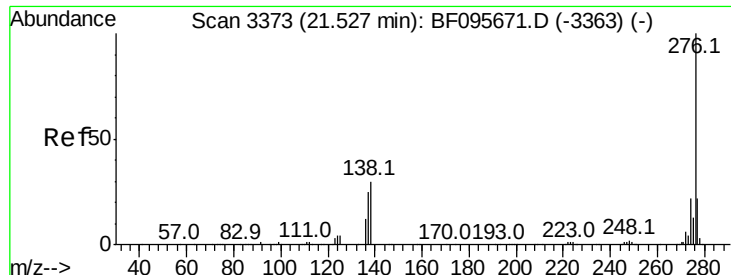
#90
Dibenzo(a,h)anthracene
Concen: 42.36 ng
RT: 21.15 min Scan# 3326
Delta R.T. -0.05 min
Lab File: BF095887.D
Acq: 12 Jun 2017 23:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	25.0	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: 43.32 ng

RT: 21.48 min Scan# 3382

Delta R.T. -0.05 min

Lab File: BF095887.D

Acq: 12 Jun 2017 23:21

Instrument :

BNA_F

ClientSampleId :

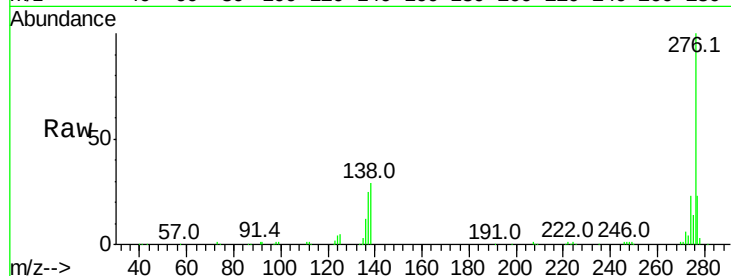
Tot Ion: 276 Resp: 288188

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 28.6 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

