

Data File : BF095831.D
Acq On : 9 Jun 2017 20:25
Operator : SJ/MA
Sample : I3566-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

Quant Time: Jun 12 06:43:02 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	7.37	152	62336	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	258277	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	115709	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	215822	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	176189	20.00	ng	-0.02
86) Perylene-d12	20.00	264	128771	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	481306	123.03	ng	-0.02
7) Phenol-d6	6.93	99	574246	122.61	ng	-0.02
23) Nitrobenzene-d5	8.29	82	338222	81.33	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	126212	123.28	ng	-0.03
44) 2-Fluorobiphenyl	11.18	172	641476	77.15	ng	-0.04
78) Terphenyl-d14	16.99	244	569725	80.25	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.73	88	60207	32.35	ng	95
3) Pyridine	2.28	79	152906	34.96	ng	99
4) n-Nitrosodimethylamine	2.25	42	64462	38.77	ng	82
6) Aniline	6.86	93	197328	32.21	ng	97
8) 2-Chlorophenol	7.05	128	176134	42.35	ng	95
9) Benzaldehyde	6.68	77	64897	20.54	ng	95
10) Phenol	6.95	94	220663	45.42	ng	90
11) bis(2-Chloroethyl)ether	7.01	93	154199	40.07	ng	96
12) 1,3-Dichlorobenzene	7.27	146	179146	38.05	ng	97
13) 1,4-Dichlorobenzene	7.39	146	182396	38.20	ng	97
14) 1,2-Dichlorobenzene	7.63	146	178114	40.47	ng	95
15) Benzyl Alcohol	7.67	79	140000	43.55	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.86	45	212017	39.21	ng	97
17) 2-Methylphenol	7.90	107	144227	41.32	ng	95
18) Hexachloroethane	8.15	117	60909	38.63	ng	# 87
19) n-Nitroso-di-n-propylamine	8.10	70	118951	40.08	ng	93
20) 3+4-Methylphenols	8.16	107	186496	42.09	ng	# 57
22) Acetophenone	8.06	105	243511	40.28	ng	# 82
24) Nitrobenzene	8.32	77	169097	38.06	ng	90
25) Isophorone	8.72	82	302723	38.98	ng	97
26) 2-Nitrophenol	8.83	139	97006	41.70	ng	99
27) 2,4-Dimethylphenol	8.97	122	150644	41.73	ng	97
28) bis(2-Chloroethoxy)methane	9.10	93	197066	38.50	ng	99
29) 2,4-Dichlorophenol	9.26	162	144733	41.63	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	140380	38.80	ng	100
31) Naphthalene	9.43	128	502631	38.78	ng	99
33) 4-Chloroaniline	9.59	127	156583	30.91	ng	# 91
34) Hexachlorobutadiene	9.66	225	69719	37.30	ng	98
35) Caprolactam	10.20	113	45814m	44.28	ng	
36) 4-Chloro-3-methylphenol	10.46	107	150983	41.48	ng	91
37) 2-Methylnaphthalene	10.56	142	342291	39.08	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	133745	38.62	ng	98
40) Hexachlorocyclopentadiene	10.82	237	61201	59.70	ng	98
42) 2,4,6-Trichlorophenol	11.07	196	90448	40.62	ng	99

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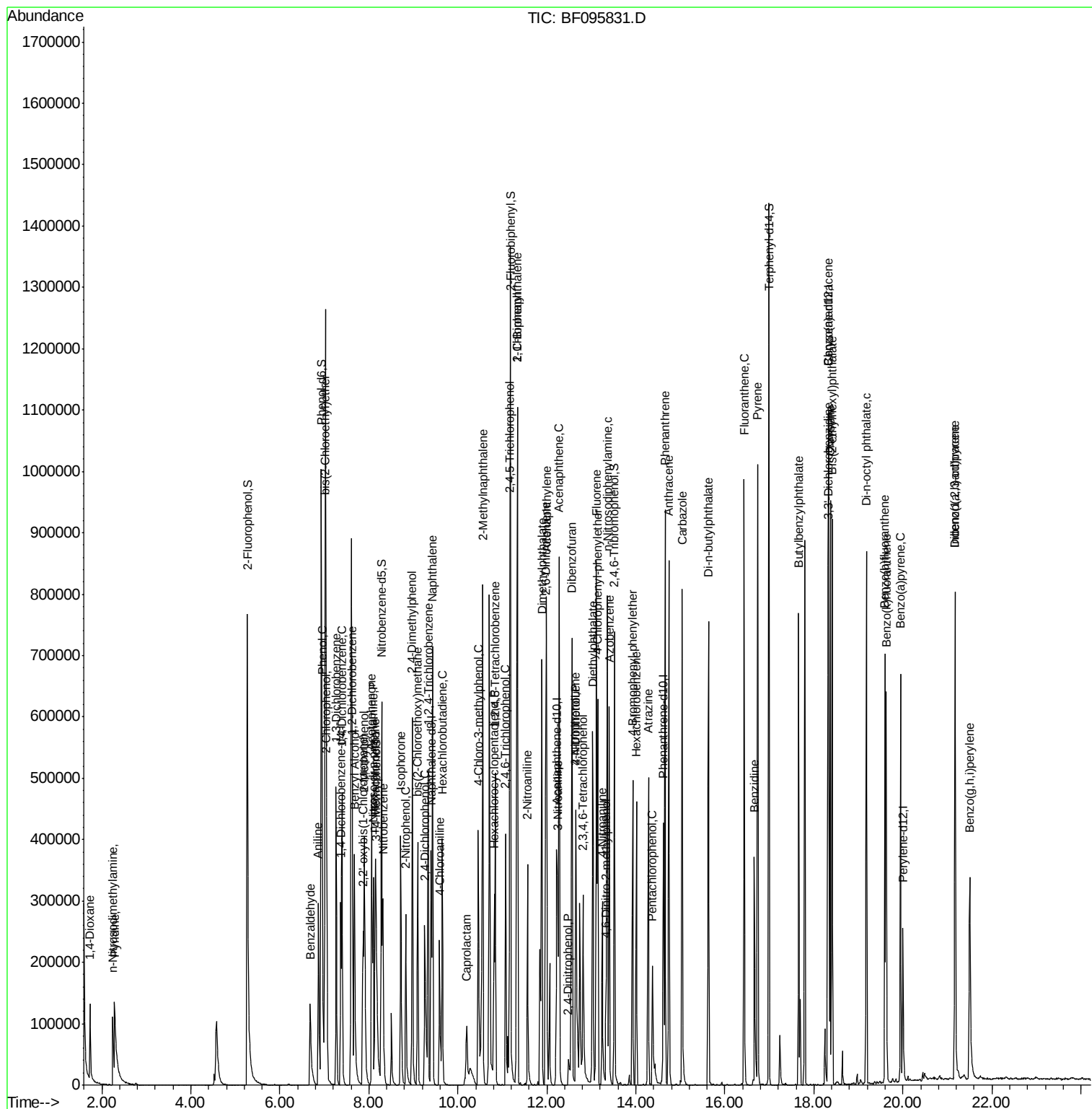
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.16	196	88270	37.27	ng	# 92
45) 1,1'-Biphenyl	11.33	154	382730	40.13	ng	96
46) 2-Chloronaphthalene	11.34	162	294177	39.48	ng	94
47) 2-Nitroaniline	11.56	65	88815	40.73	ng	# 79
48) Acenaphthylene	11.99	152	477954	37.51	ng	98
49) Dimethylphthalate	11.89	163	453606	51.63	ng	99
50) 2,6-Dinitrotoluene	11.98	165	77904	40.65	ng	# 87
51) Acenaphthene	12.27	154	278434	37.84	ng	98
52) 3-Nitroaniline	12.24	138	78316	35.08	ng	94
53) 2,4-Dinitrophenol	12.48	184	18782	22.38	ng	# 60
54) Dibenzofuran	12.56	168	437890	42.28	ng	97
55) 4-Nitrophenol	12.65	139	89243	69.13	ng	# 77
56) 2,4-Dinitrotoluene	12.65	165	109271	42.22	ng	# 90
57) Fluorene	13.12	166	347432	38.55	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	71209	43.94	ng	# 92
59) Diethylphthalate	13.03	149	336491	39.80	ng	99
60) 4-Chlorophenyl-phenylether	13.14	204	150458	38.39	ng	90
61) 4-Nitroaniline	13.24	138	87737	42.09	ng	96
62) Azobenzene	13.40	77	319334	41.67	ng	93
64) 4,6-Dinitro-2-methylphenol	13.32	198	42004	29.61	ng	# 74
65) n-Nitrosodiphenylamine	13.36	169	296412	38.22	ng	99
66) 4-Bromophenyl-phenylether	13.93	248	85898	38.30	ng	96
67) Hexachlorobenzene	14.01	284	85820	38.83	ng	# 88
68) Atrazine	14.28	200	90386	41.88	ng	95
69) Pentachlorophenol	14.37	266	48493	59.69	ng	96
70) Phenanthrene	14.66	178	499593	40.12	ng	98
71) Anthracene	14.74	178	516188	39.71	ng	98
72) Carbazole	15.04	167	497759	39.29	ng	97
73) Di-n-butylphthalate	15.63	149	537252	39.86	ng	99
74) Fluoranthene	16.43	202	518287	42.05	ng	99
76) Benzdine	16.66	184	235160	34.75	ng	# 92
77) Pyrene	16.74	202	529734	40.29	ng	99
79) Butylbenzylphthalate	17.66	149	238295	41.50	ng	90
80) Benzo(a)anthracene	18.33	228	412152	40.23	ng	98
81) 3,3'-Dichlorobenzidine	18.31	252	118586	32.56	ng	# 97
82) Chrysene	18.37	228	398574	38.93	ng	98
83) Bis(2-ethylhexyl)phthalate	18.41	149	329189	40.65	ng	# 98
84) Di-n-octyl phthalate	19.18	149	526640	39.46	ng	95
85) Indeno(1,2,3-cd)pyrene	21.17	276	303506	34.65	ng	100
87) Benzo(b)fluoranthene	19.60	252	320582	39.76	ng	98
88) Benzo(k)fluoranthene	19.63	252	313677	40.70	ng	# 94
89) Benzo(a)pyrene	19.94	252	295373	39.86	ng	99
90) Dibenzo(a,h)anthracene	21.17	278	255371	40.62	ng	98
91) Benzo(g,h,i)perylene	21.50	276	265618	41.44	ng	97

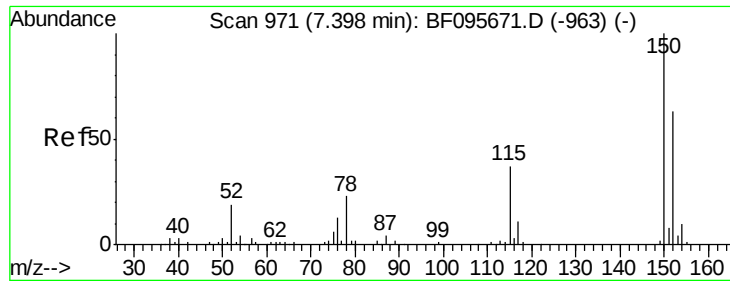
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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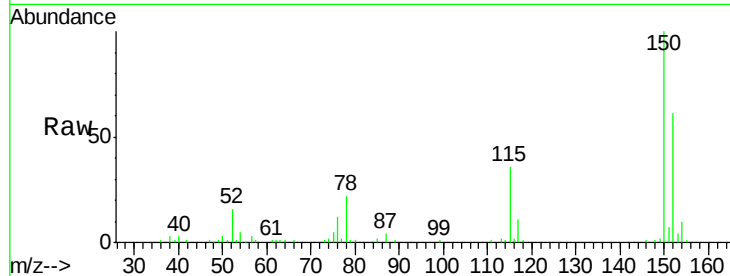


#1

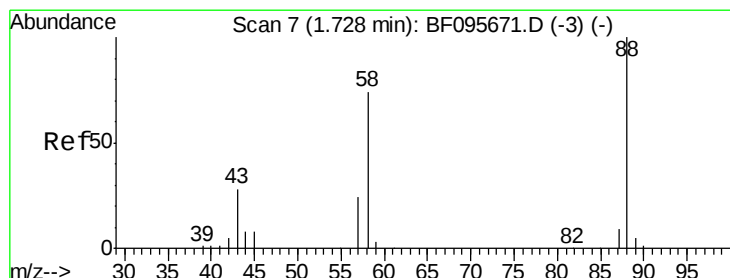
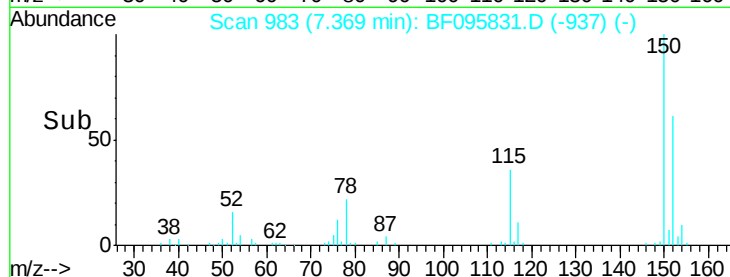
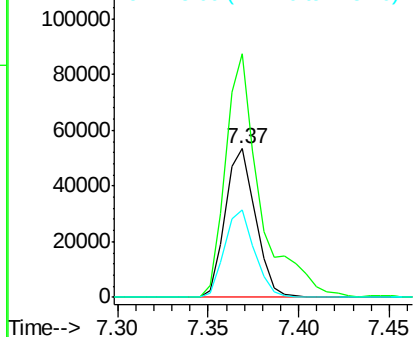
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095831.D
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ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion:152 Resp: 62336
Ion Ratio Lower Upper
152 100
150 164.1 126.2 189.2
115 58.7 52.2 78.2



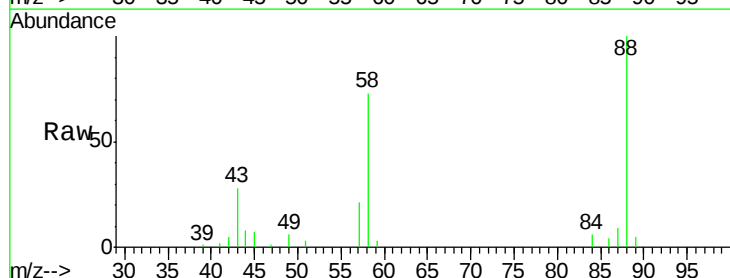
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



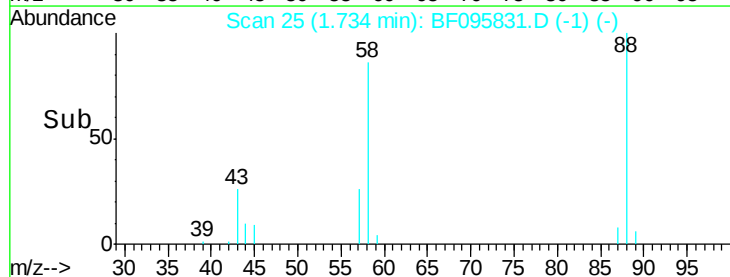
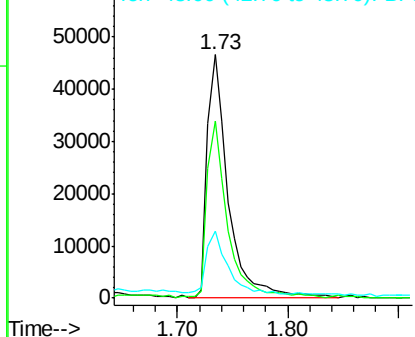
#2

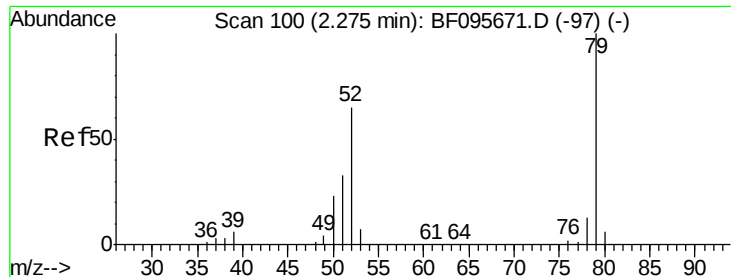
1,4-Dioxane
Concen: 32.35 ng
RT: 1.73 min Scan# 25
Delta R.T. 0.01 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 88 Resp: 60207
Ion Ratio Lower Upper
88 100
58 71.8 61.4 92.0
43 26.7 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

Pyridine

Concen: 34.96 ng

RT: 2.28 min Scan# 118

Delta R.T. 0.01 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

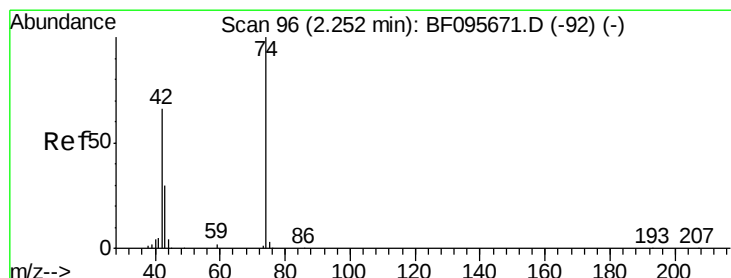
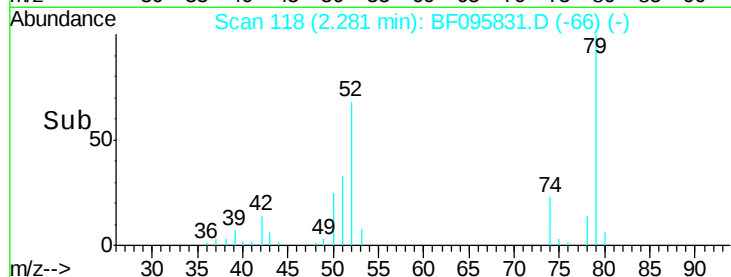
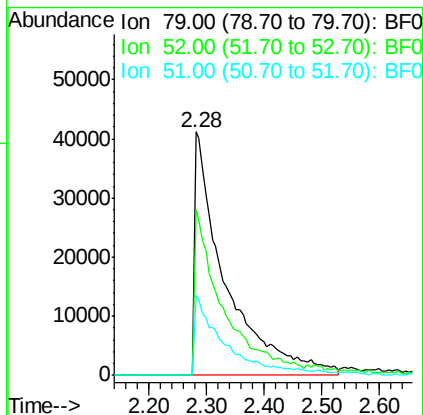
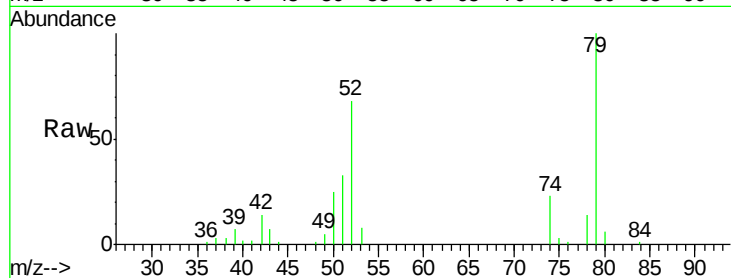
Tgt Ion: 79 Resp: 152906

Ion Ratio Lower Upper

79 100

52 68.2 54.8 82.2

51 32.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 38.77 ng

RT: 2.25 min Scan# 112

Delta R.T. -0.01 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

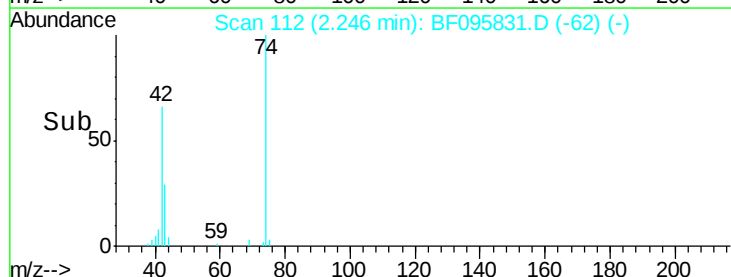
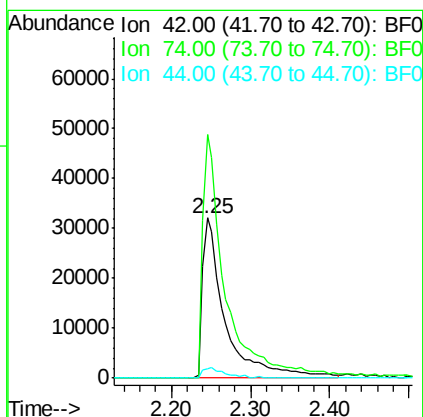
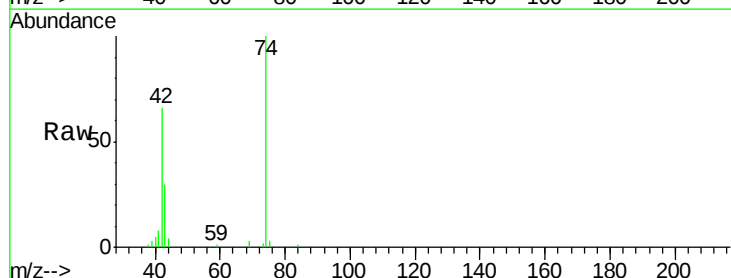
Tgt Ion: 42 Resp: 64462

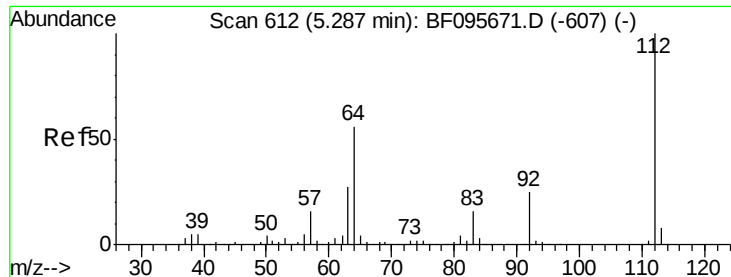
Ion Ratio Lower Upper

42 100

74 152.0 103.9 155.9

44 5.9 5.7 8.5





#5

2-Fluorophenol

Concen: 123.03 ng

RT: 5.27 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF095831.D

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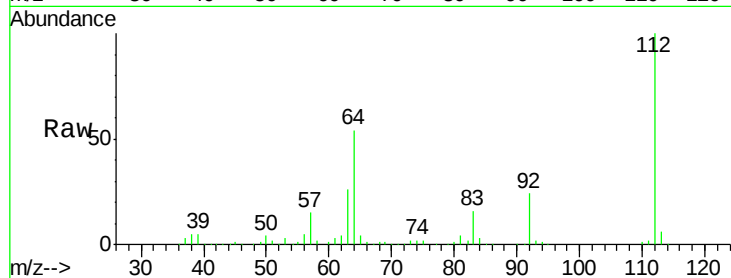
Tgt Ion: 112 Resp: 481306

Ion Ratio Lower Upper

112 100

64 54.2 46.0 69.0

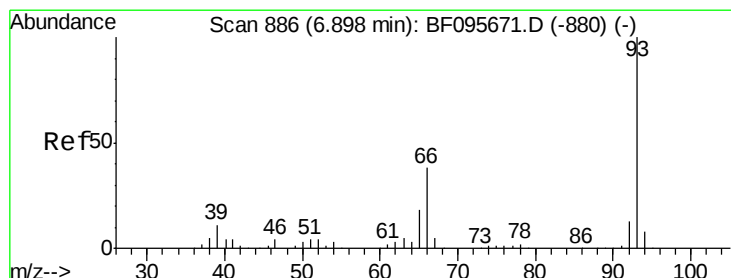
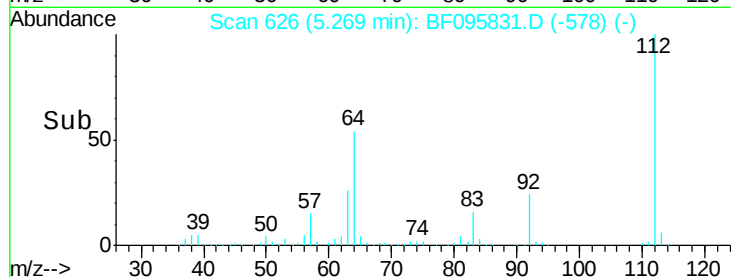
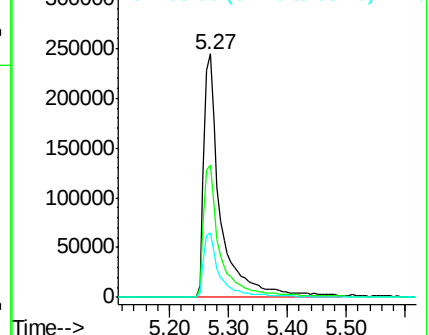
63 26.4 23.4 35.0



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: 32.21 ng

RT: 6.86 min Scan# 897

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

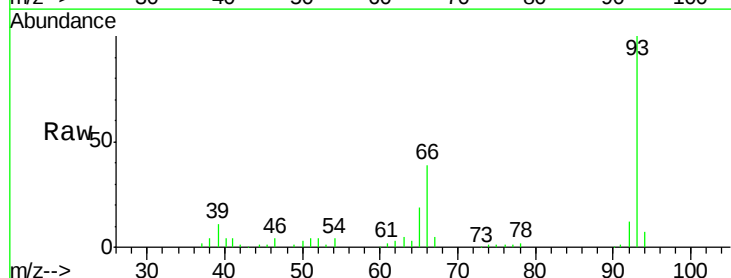
Tgt Ion: 93 Resp: 197328

Ion Ratio Lower Upper

93 100

66 38.7 32.9 49.3

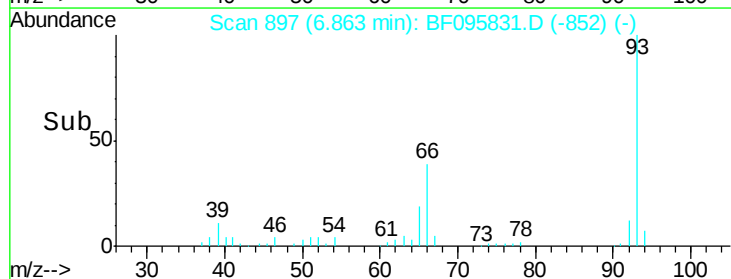
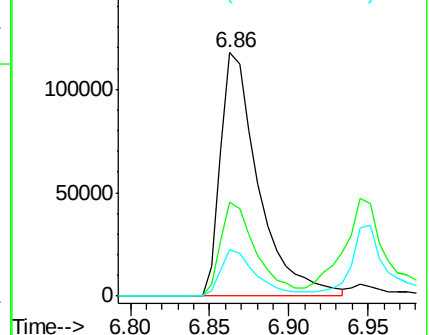
65 19.0 16.0 24.0

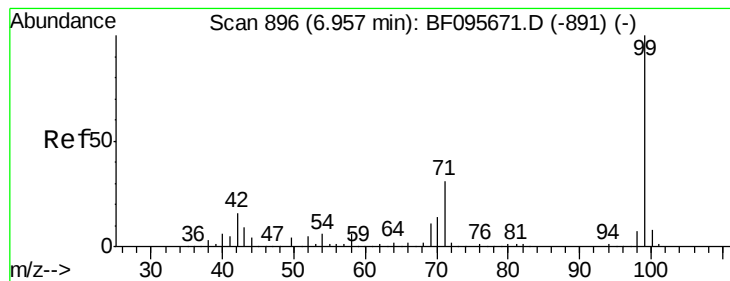


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.61 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

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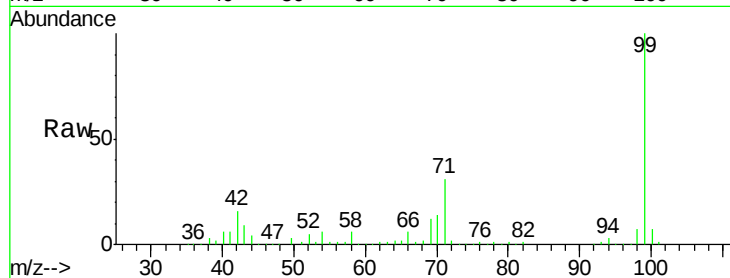
Tgt Ion: 99 Resp: 574246

Ion Ratio Lower Upper

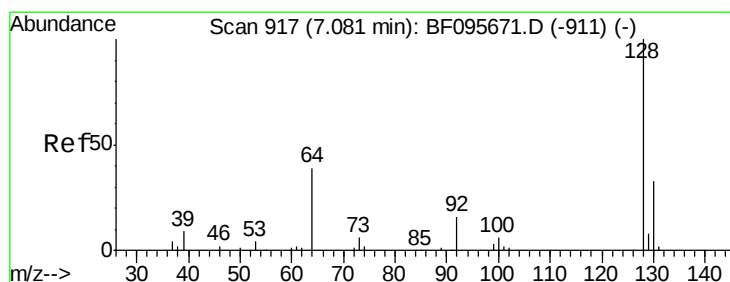
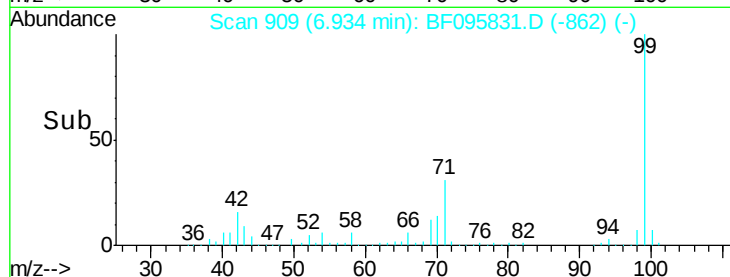
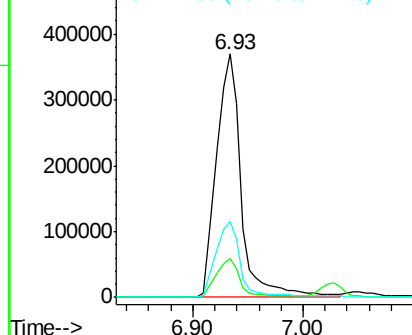
99 100

42 16.1 13.5 20.3

71 31.0 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: 42.35 ng

RT: 7.05 min Scan# 929

Delta R.T. -0.03 min

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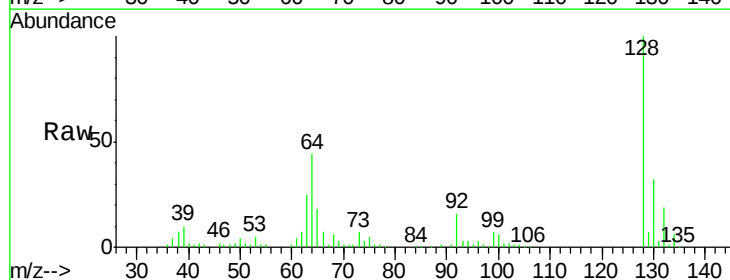
Tgt Ion: 128 Resp: 176134

Ion Ratio Lower Upper

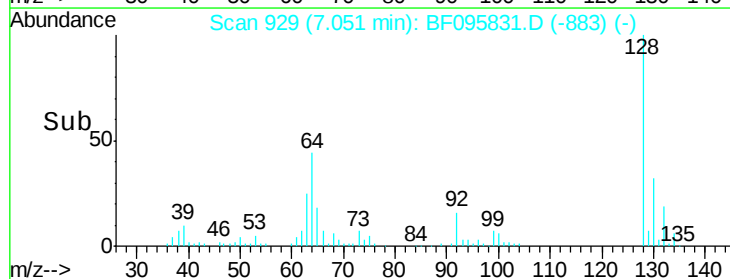
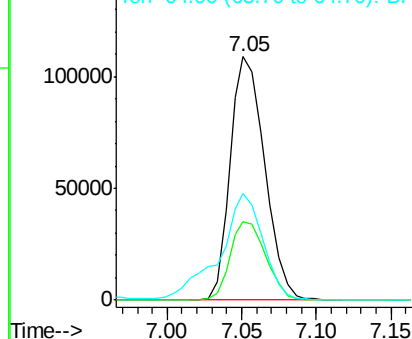
128 100

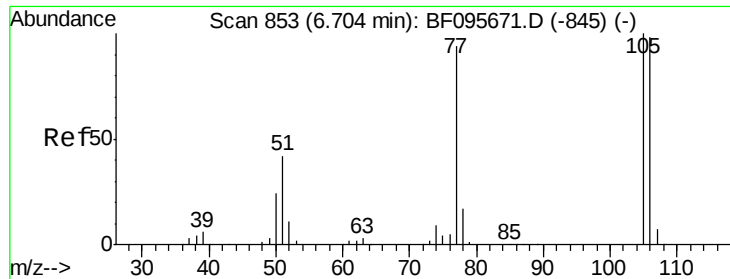
130 32.0 12.9 52.9

64 43.8 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: 20.54 ng

RT: 6.68 min Scan# 866

Delta R.T. -0.02 min

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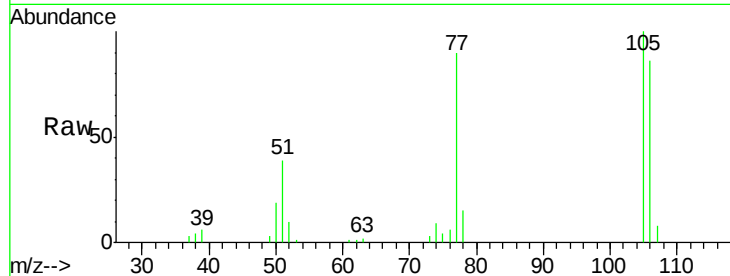
Tgt Ion: 77 Resp: 64897

Ion Ratio Lower Upper

77 100

105 110.8 83.8 123.8

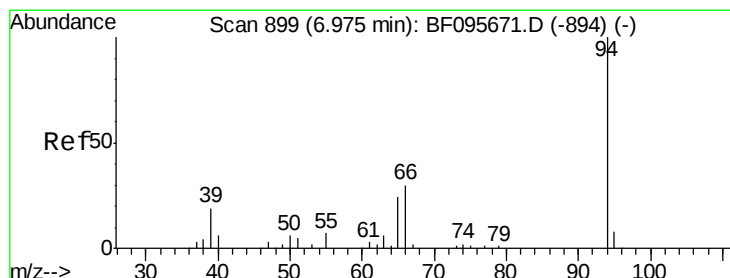
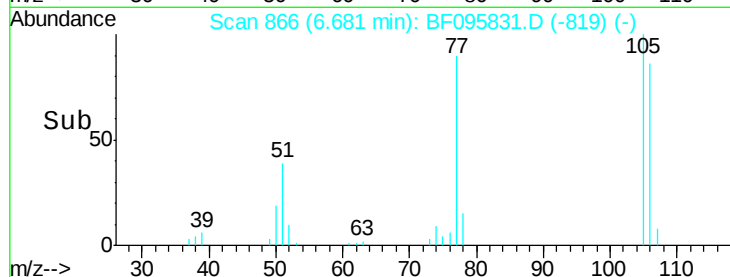
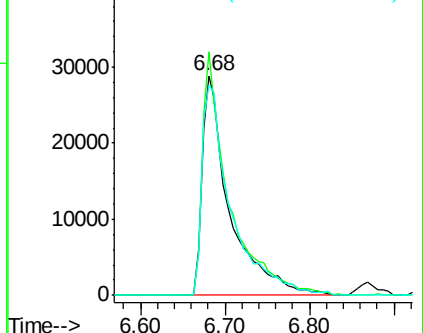
106 95.5 79.1 119.1



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: 45.42 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

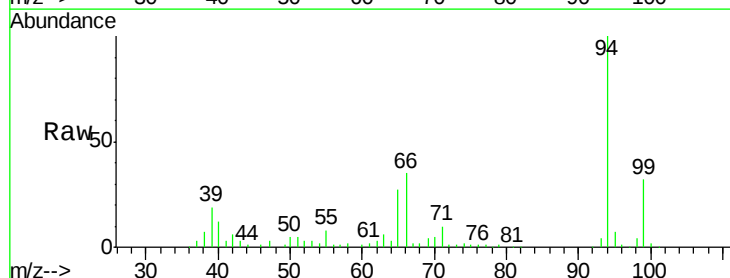
Tgt Ion: 94 Resp: 220663

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

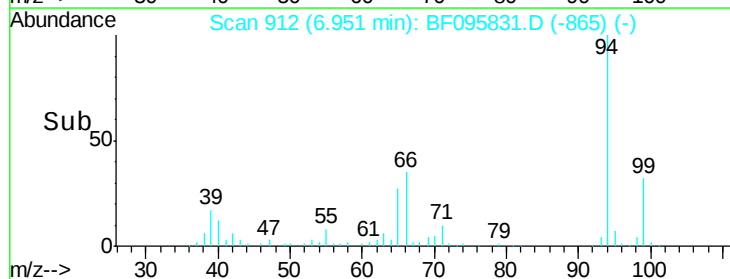
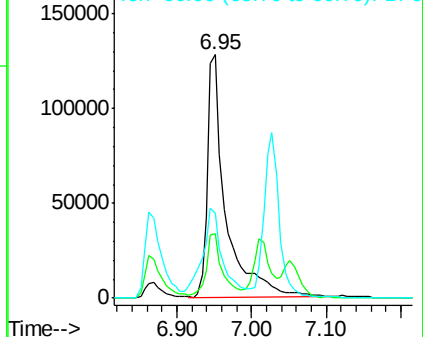
66 34.7 23.1 63.1

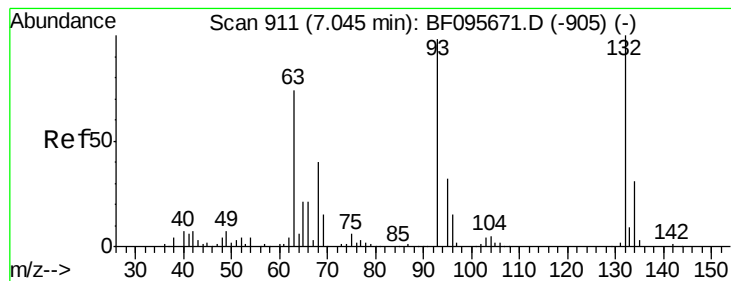


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

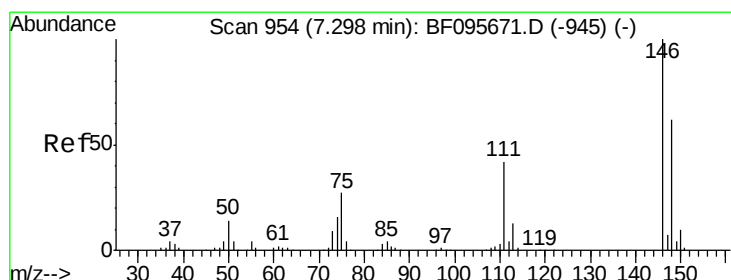
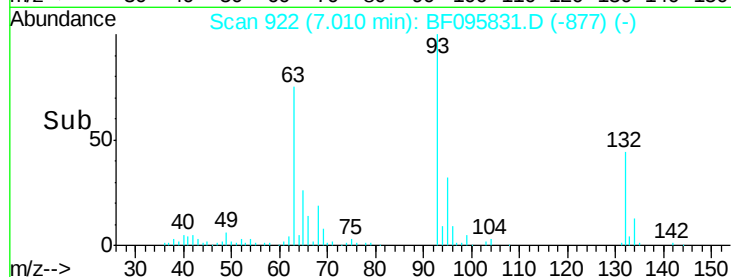
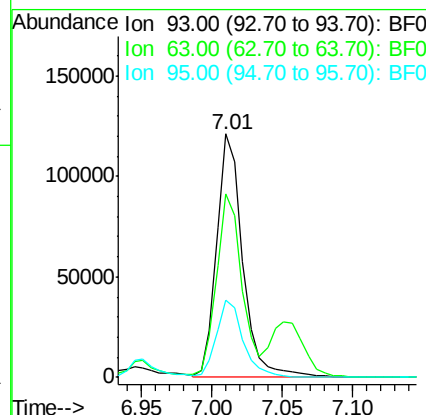
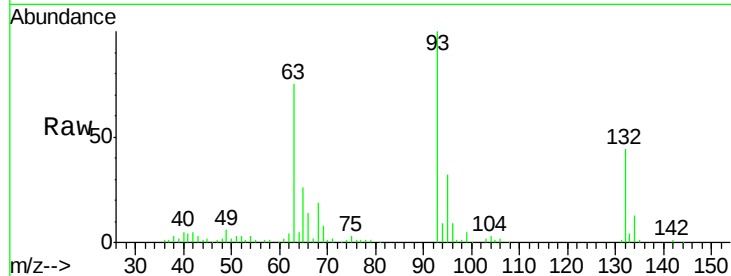




#11
bis(2-Chloroethyl)ether
Concen: 40.07 ng
RT: 7.01 min Scan# 922
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

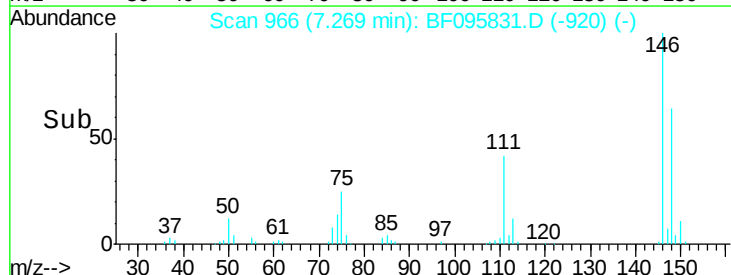
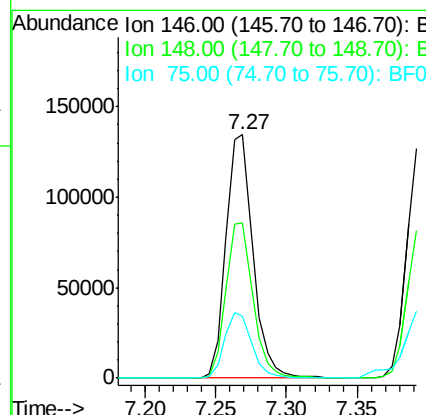
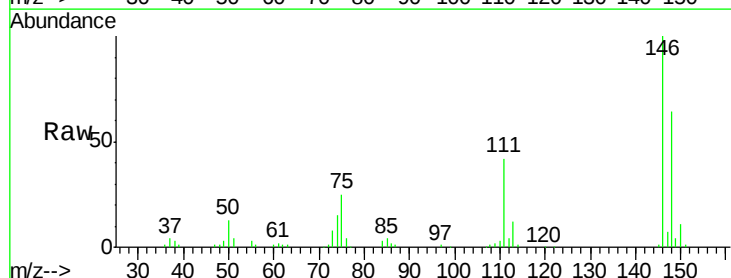
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

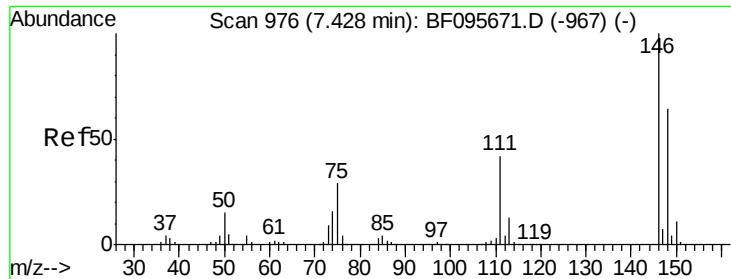
Tgt Ion: 93 Resp: 154199
Ion Ratio Lower Upper
93 100
63 75.4 59.2 99.2
95 31.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.05 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 146 Resp: 179146
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 25.4 23.1 34.7

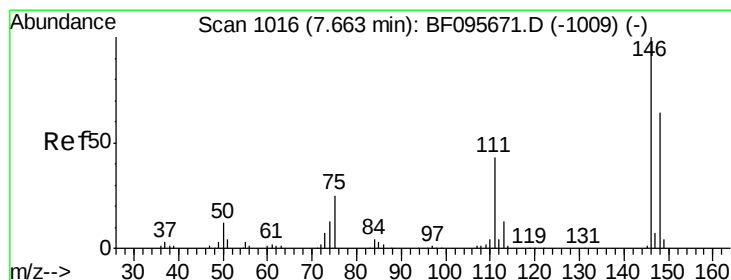
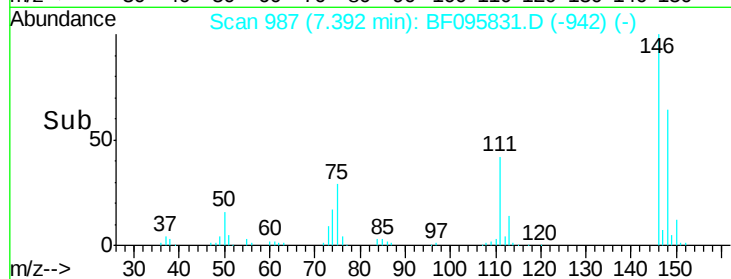
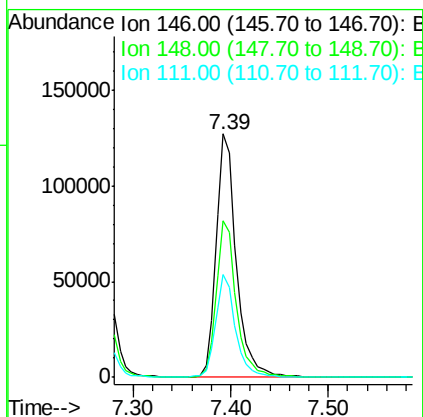
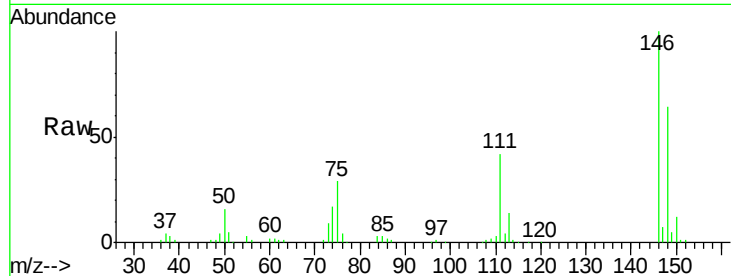




#13
 1,4-Dichlorobenzene
 Concen: 38.20 ng
 RT: 7.39 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

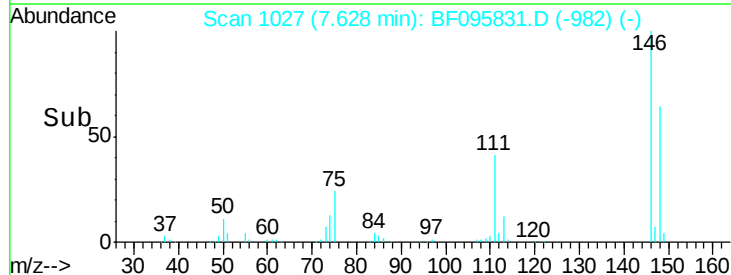
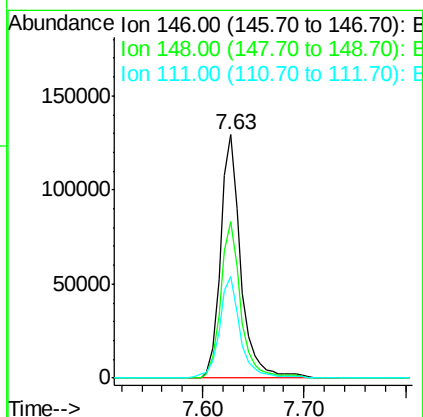
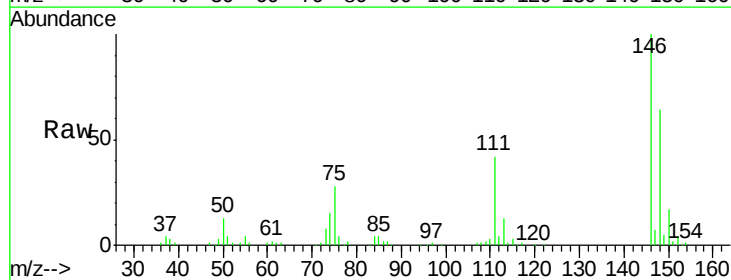
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MSD

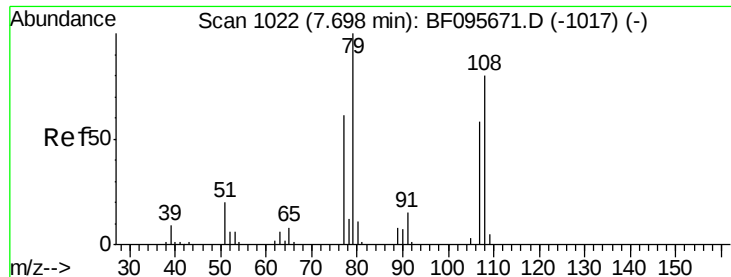
Tgt Ion:146 Resp: 182396
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 42.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.47 ng
 RT: 7.63 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Tgt Ion:146 Resp: 178114
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 41.6 38.2 57.4

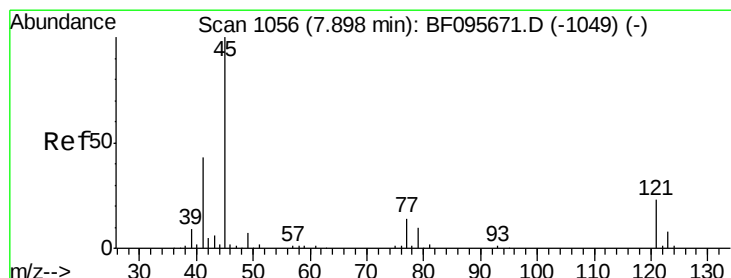
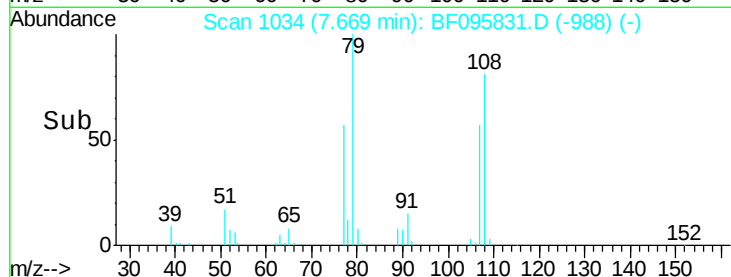
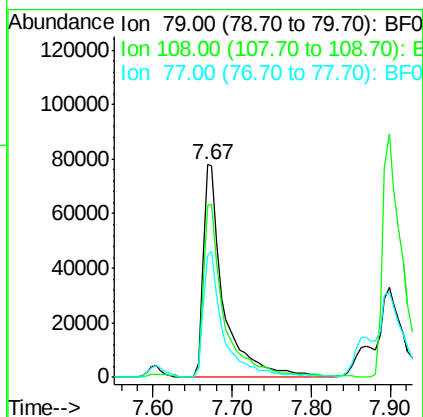
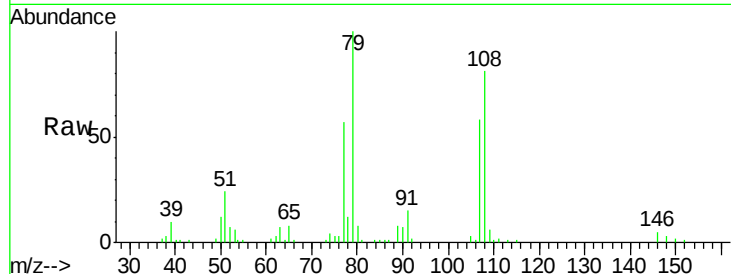




#15
Benzyl Alcohol
Concen: 43.55 ng
RT: 7.67 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

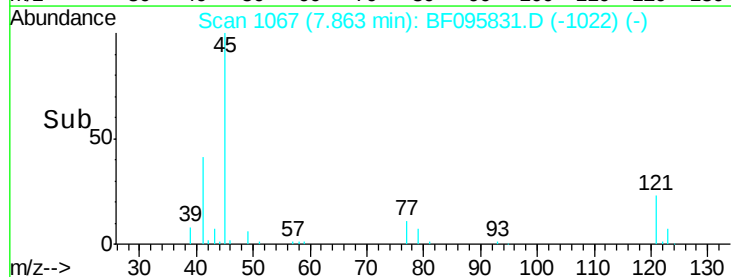
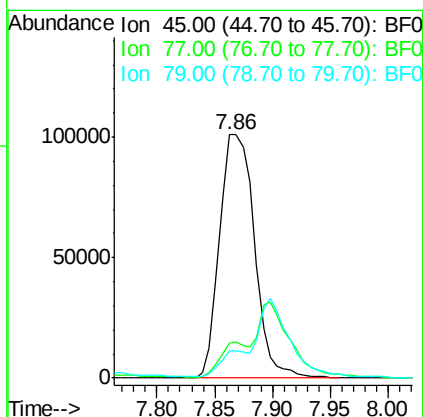
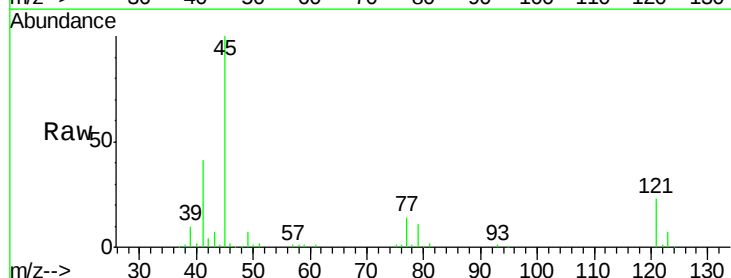
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

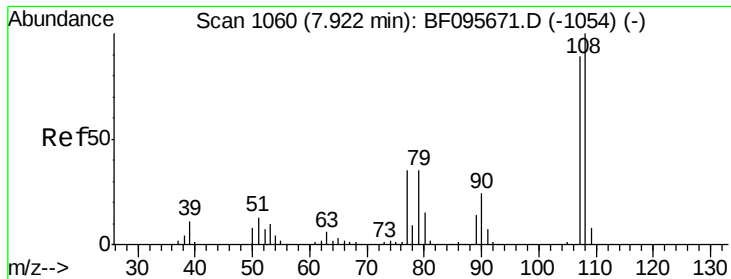
Tgt Ion: 79 Resp: 140000
Ion Ratio Lower Upper
79 100
108 81.1 63.4 95.0
77 57.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.21 ng
RT: 7.86 min Scan# 1067
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 45 Resp: 212017
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.2
79 11.0 0.0 30.0

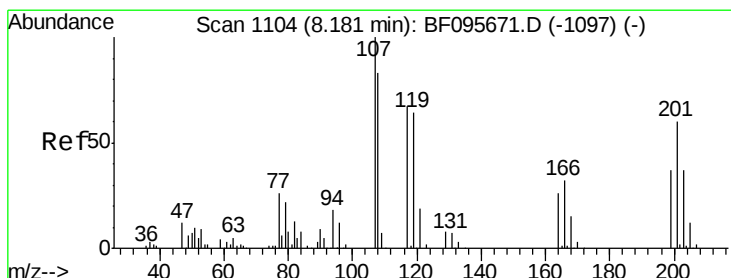
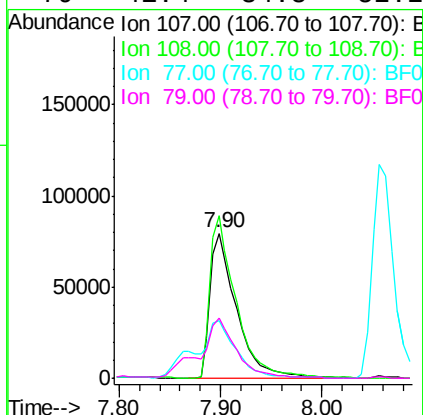
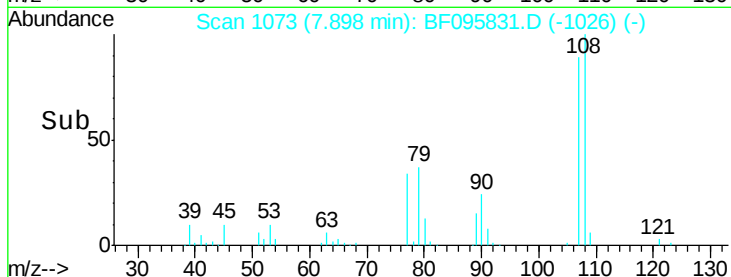
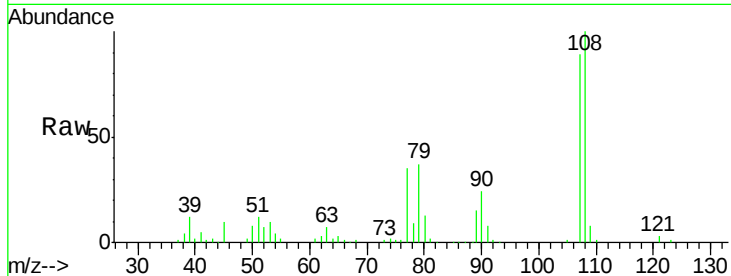




#17
2-Methylphenol
Concen: 41.32 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

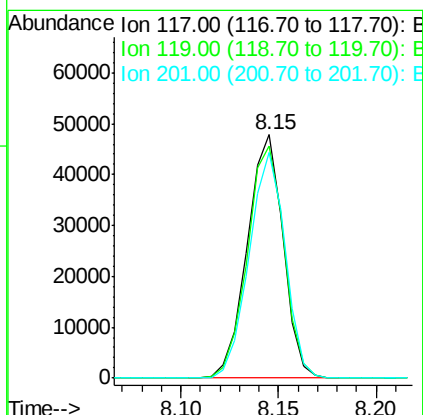
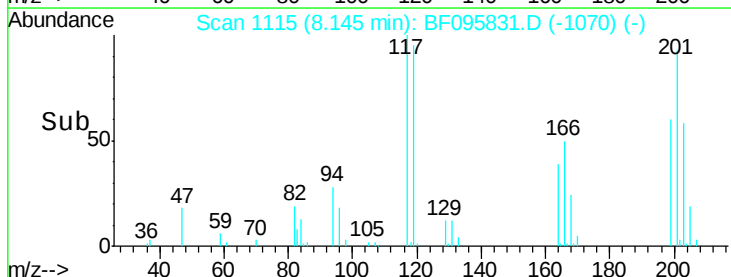
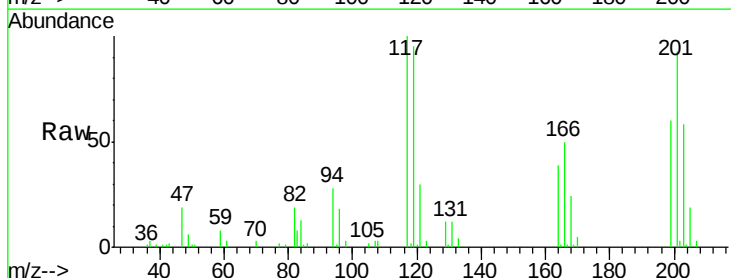
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

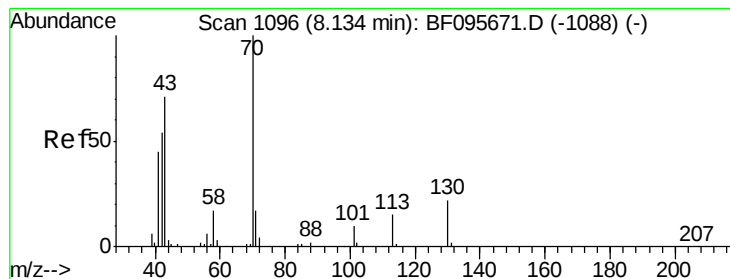
Tgt Ion:	107	Resp:	144227
Ion	Ratio	Lower	Upper
107	100		
108	112.1	93.4	140.0
77	39.3	35.8	53.6
79	41.4	34.8	52.2



#18
Hexachloroethane
Concen: 38.63 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:	117	Resp:	60909
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
201	92.9	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 40.08 ng

RT: 8.10 min Scan# 1107

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

Tgt Ion: 70 Resp: 118951

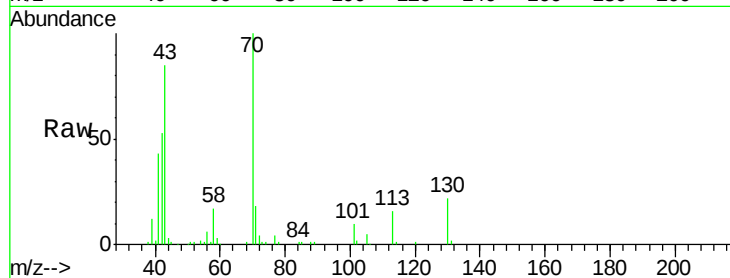
Ion Ratio Lower Upper

70 100

42 53.0 47.2 70.8

101 10.0 7.2 10.8

130 21.6 15.9 23.9

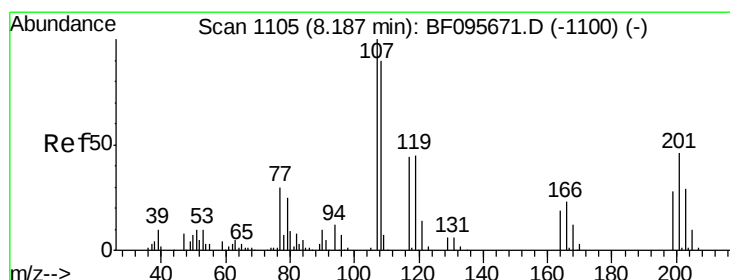
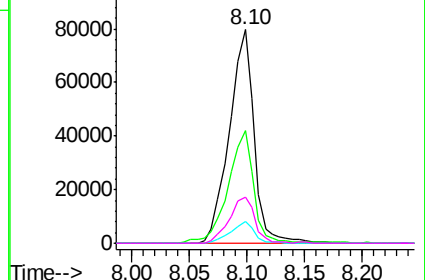
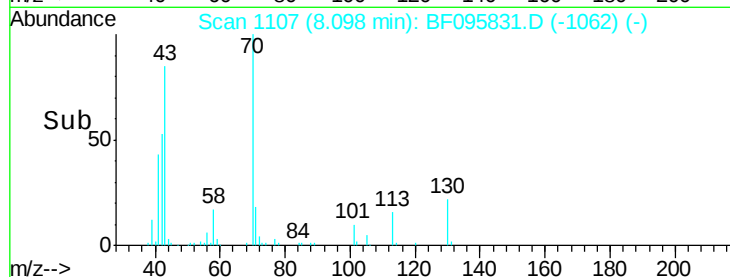


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 42.09 ng

RT: 8.16 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Tgt Ion: 107 Resp: 186496

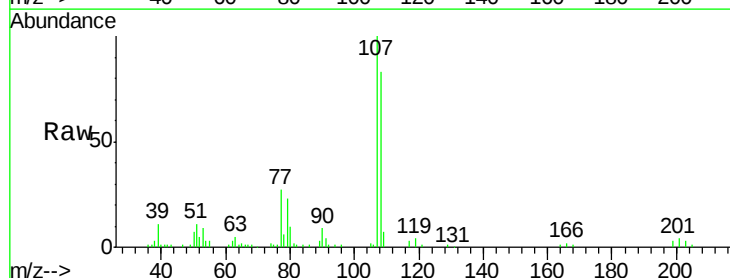
Ion Ratio Lower Upper

107 100

108 82.6 71.0 111.0

77 26.7 90.5 130.5#

79 22.9 8.4 48.4

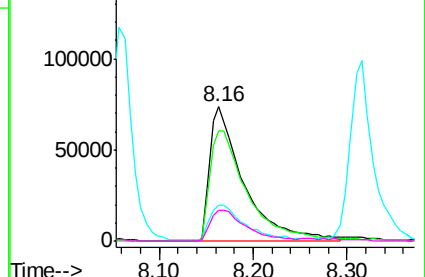
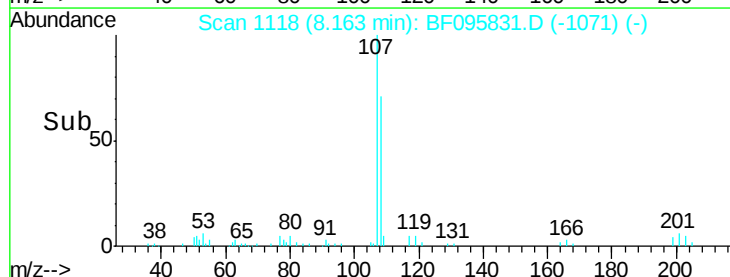


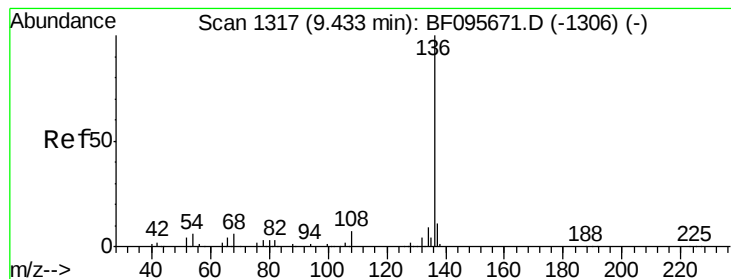
Abundance Ion 107.00 (106.70 to 107.70): BF0

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: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

Tgt Ion:136 Resp: 258277

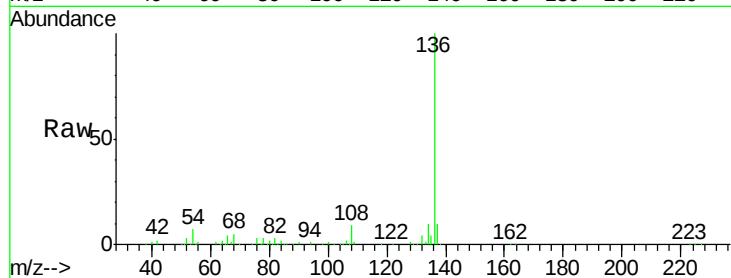
Ion Ratio Lower Upper

136 100

137 9.9 8.5 12.7

54 7.0 4.9 7.3

68 5.0 4.1 6.1

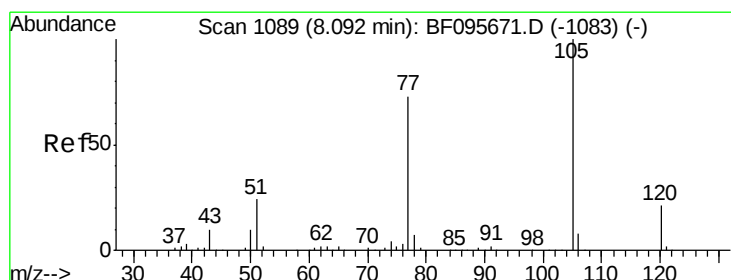
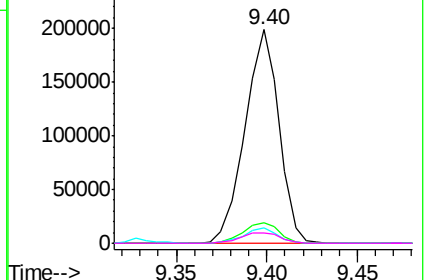
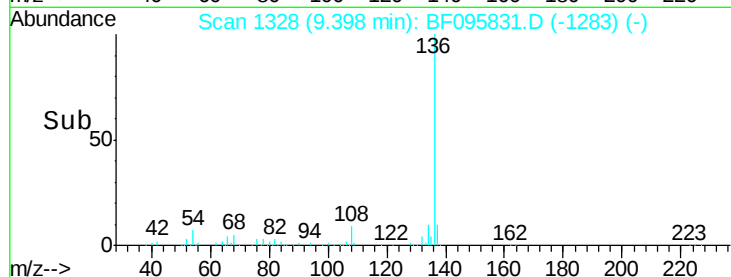


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.28 ng

RT: 8.06 min Scan# 1100

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Tgt Ion:105 Resp: 243511

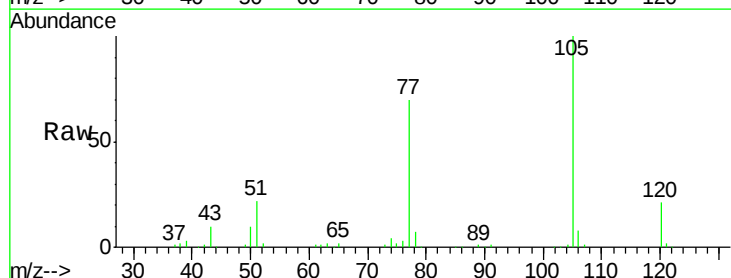
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 21.7 30.7 46.1#

120 21.2 17.4 26.0

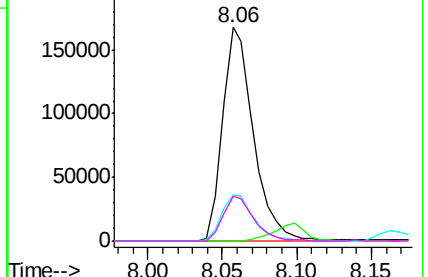
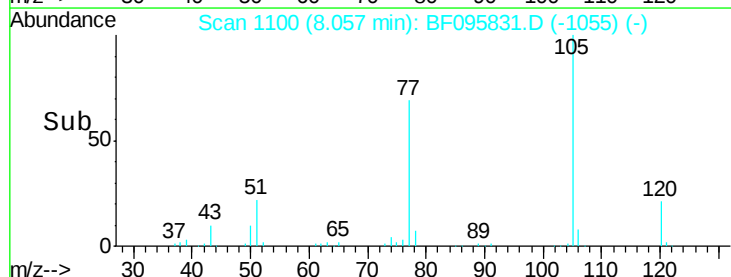


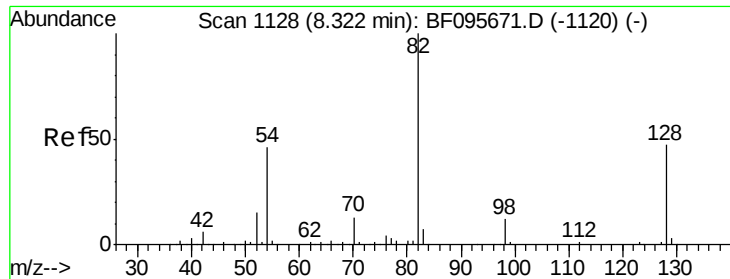
Abundance Ion 105.00 (104.70 to 105.70): E

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

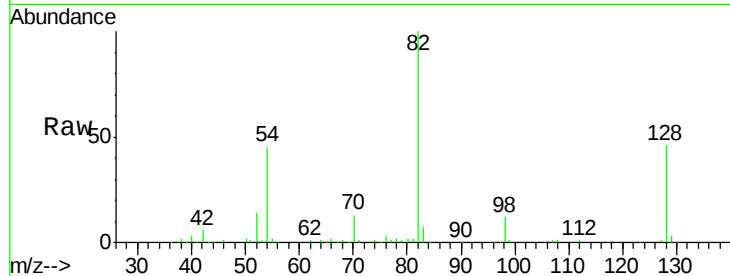




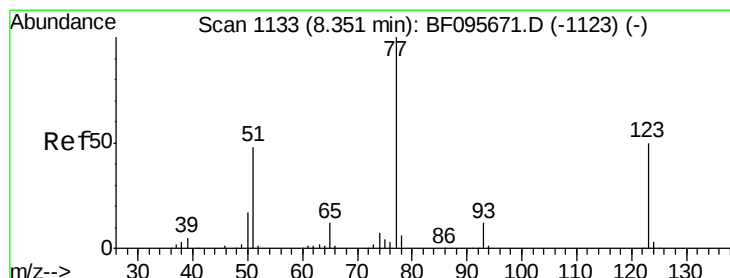
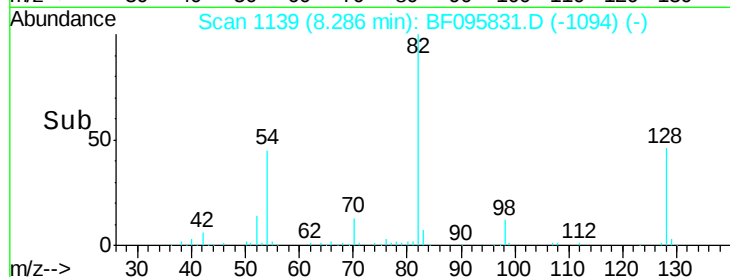
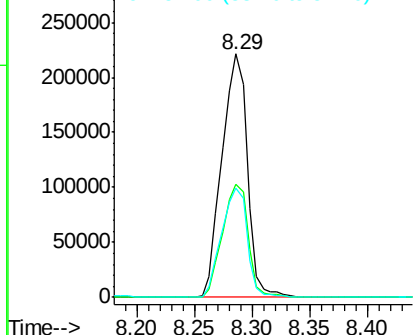
#23
 Nitrobenzene-d5
 Concen: 81.33 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion: 82 Resp: 338222
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 45.1 42.2 63.2

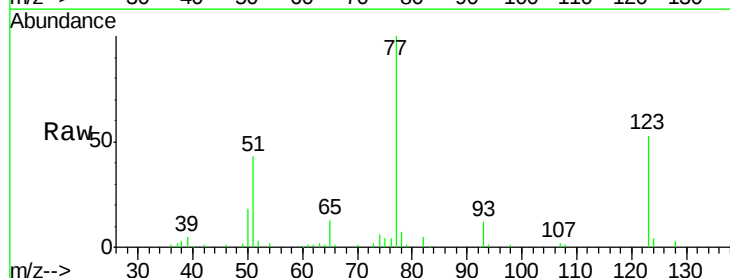


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

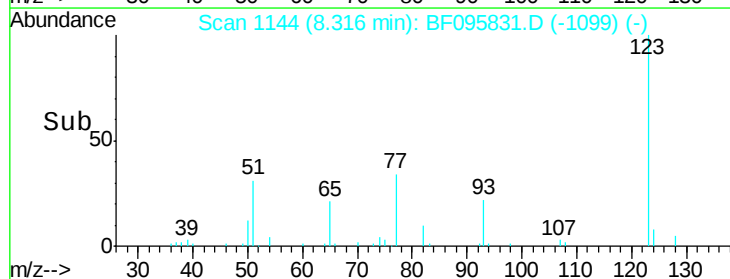
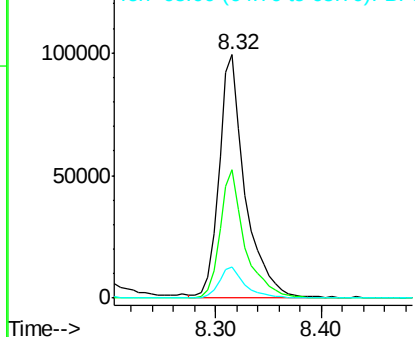


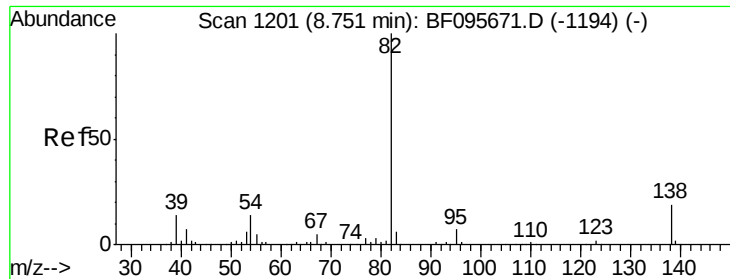
#24
 Nitrobenzene
 Concen: 38.06 ng
 RT: 8.32 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Tgt Ion: 77 Resp: 169097
 Ion Ratio Lower Upper
 77 100
 123 52.7 35.8 53.8
 65 12.8 10.6 15.8



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

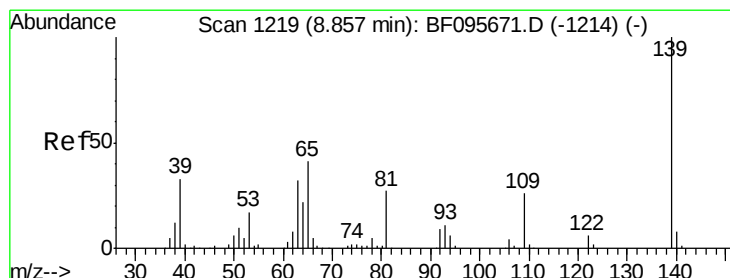
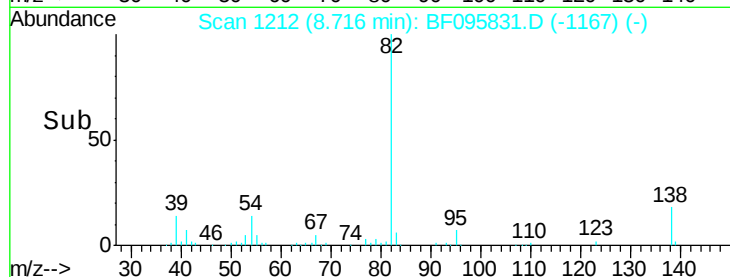
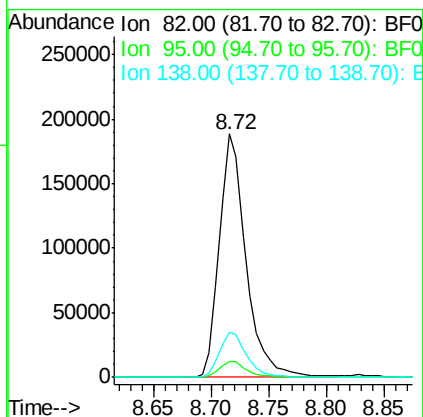
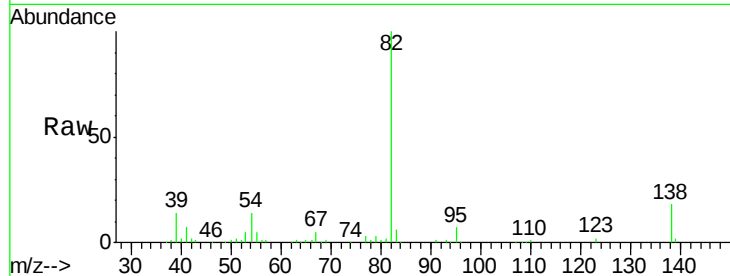




#25
Isophorone
Concen: 38.98 ng
RT: 8.72 min Scan# 1212
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

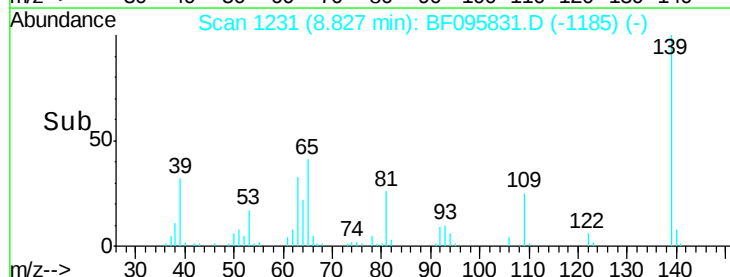
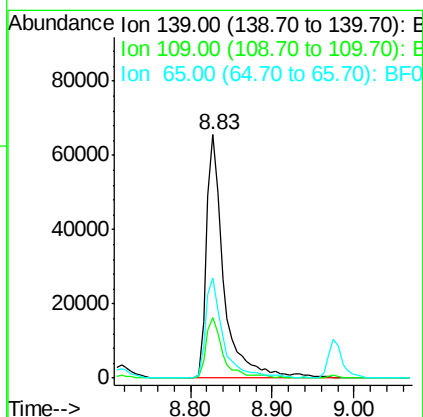
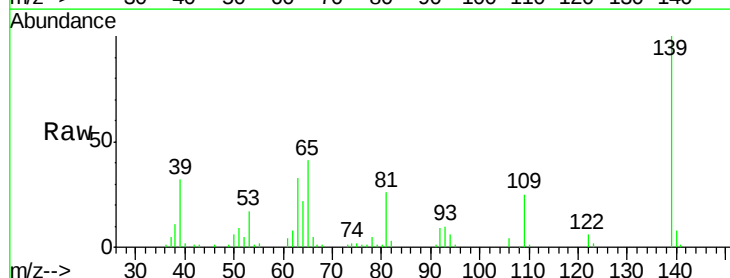
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

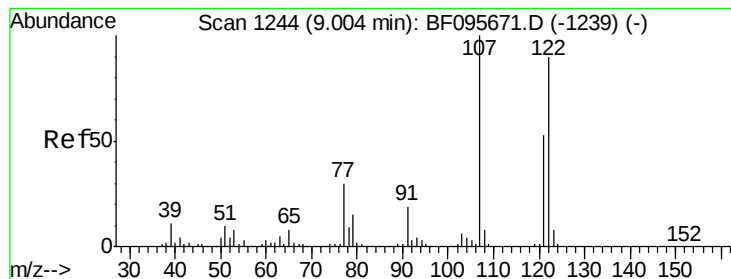
Tgt Ion: 82 Resp: 302723
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.5 13.1 19.7



#26
2-Nitrophenol
Concen: 41.70 ng
RT: 8.83 min Scan# 1231
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 139 Resp: 97006
Ion Ratio Lower Upper
139 100
109 24.7 21.0 31.6
65 41.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.73 ng

RT: 8.97 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

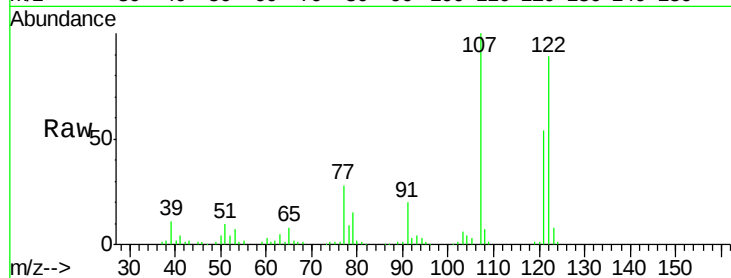
Tgt Ion:122 Resp: 150644

Ion Ratio Lower Upper

122 100

107 112.7 89.2 133.8

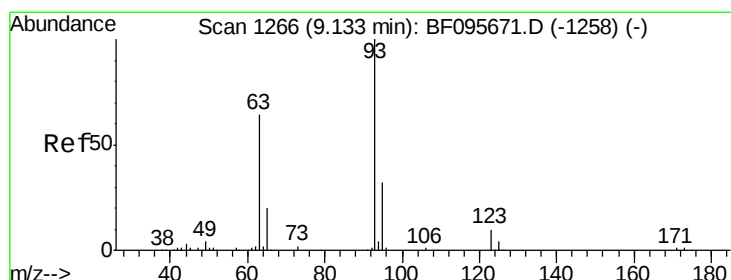
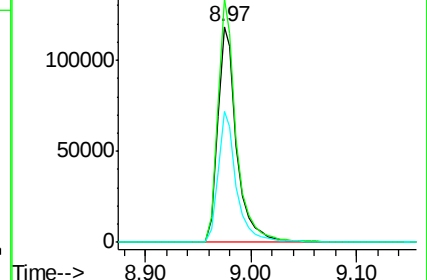
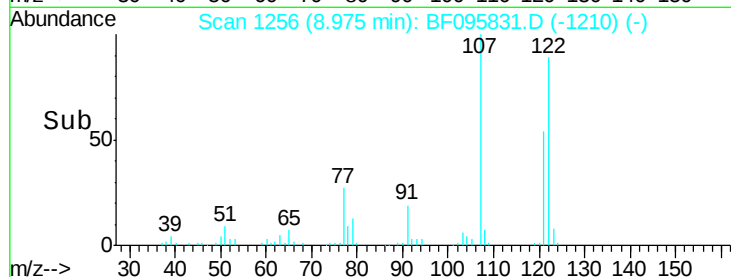
121 60.6 45.2 67.8



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: 38.50 ng

RT: 9.10 min Scan# 1277

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

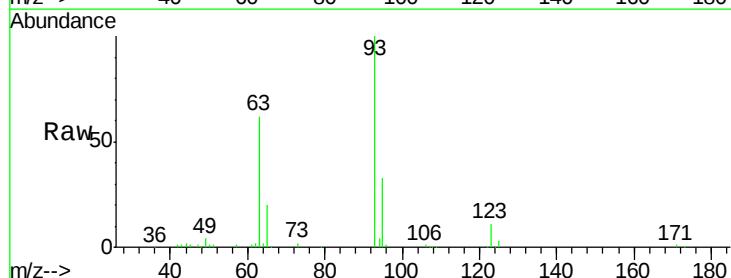
Tgt Ion: 93 Resp: 197066

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

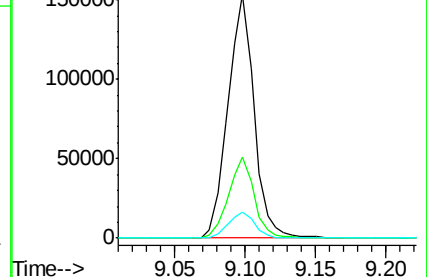
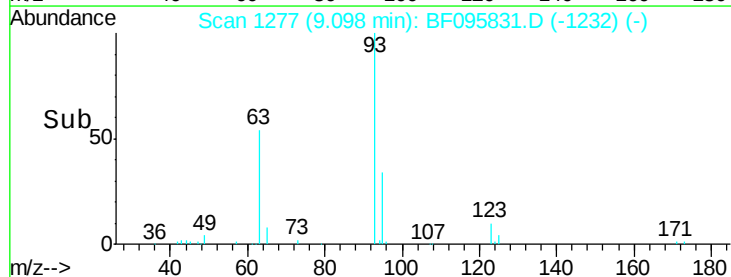
123 10.5 9.0 13.4

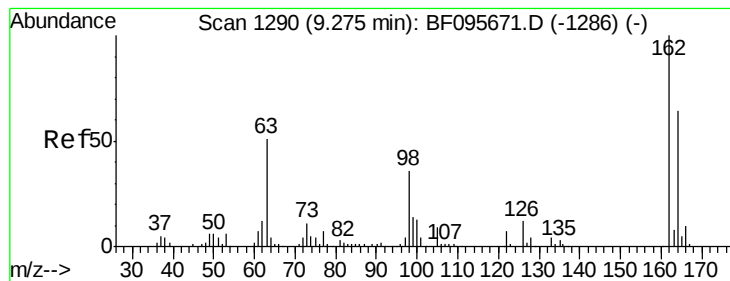


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.63 ng

RT: 9.26 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

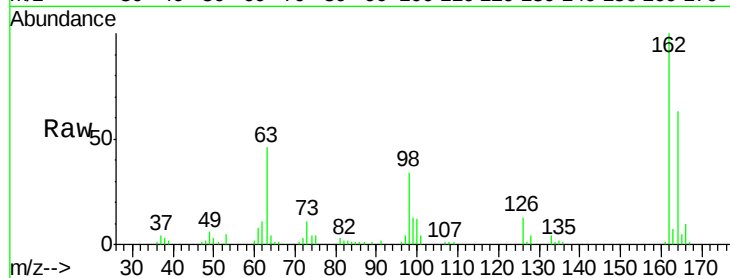
Tgt Ion:162 Resp: 144733

Ion Ratio Lower Upper

162 100

164 62.6 44.6 84.6

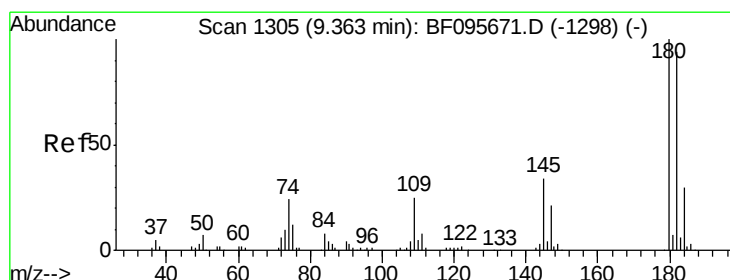
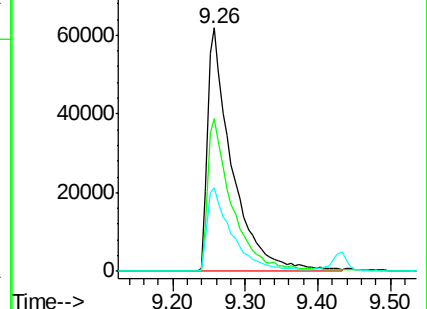
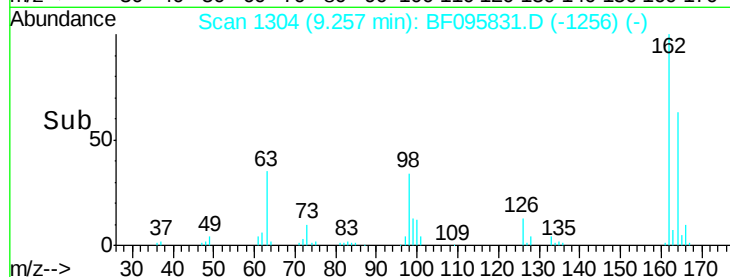
98 34.2 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.80 ng

RT: 9.33 min Scan# 1317

Delta R.T. -0.03 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

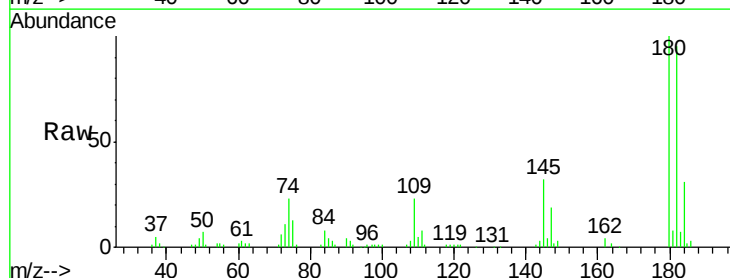
Tgt Ion:180 Resp: 140380

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

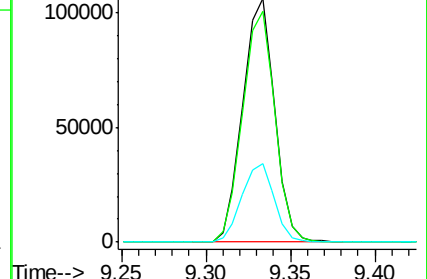
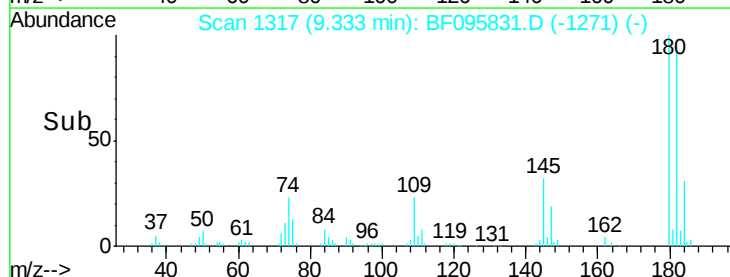
145 32.1 25.3 37.9

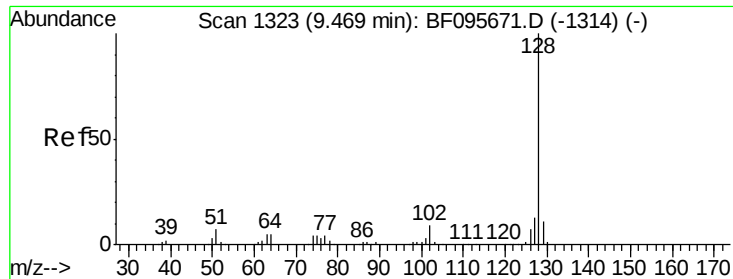


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

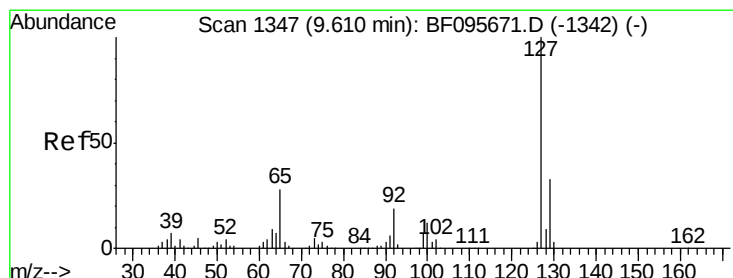
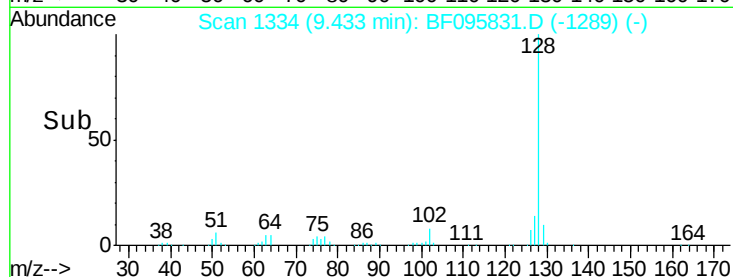
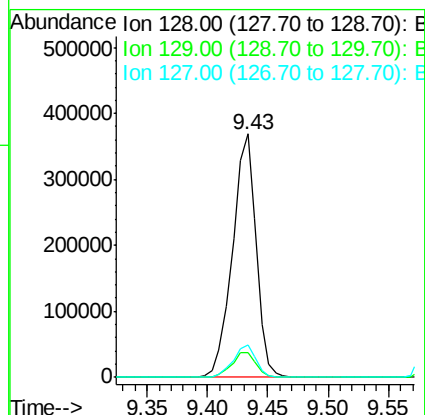
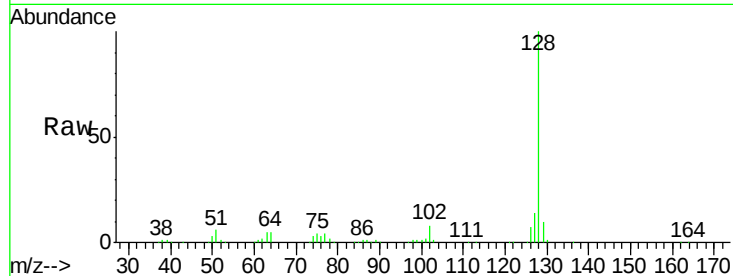




#31
Naphthalene
Concen: 38.78 ng
RT: 9.43 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

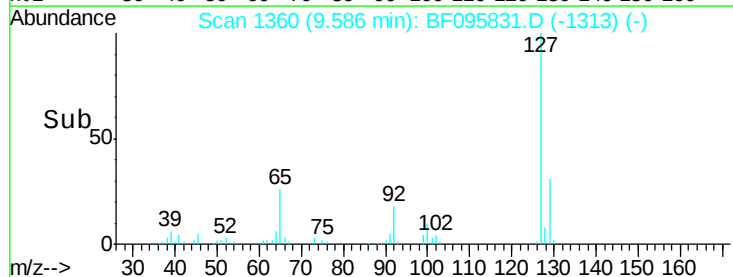
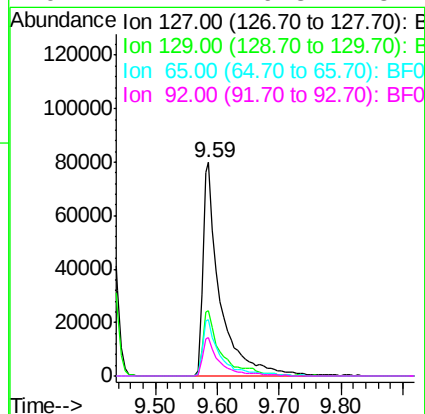
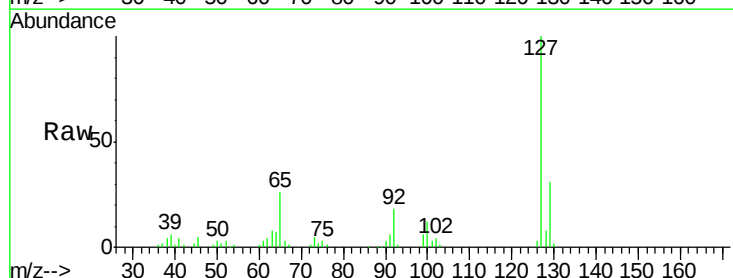
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

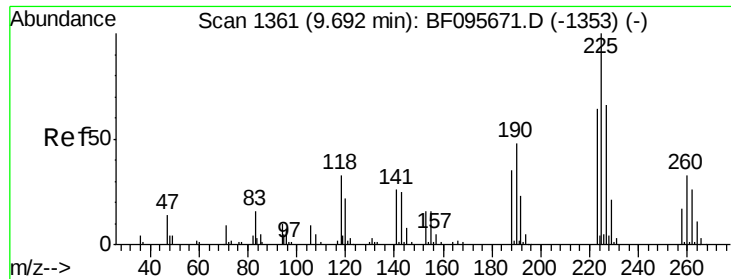
Tgt Ion:128 Resp: 502631
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 13.6 10.8 16.2



#33
4-Chloroaniline
Concen: 30.91 ng
RT: 9.59 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:127 Resp: 156583
Ion Ratio Lower Upper
127 100
129 30.5 26.2 39.2
65 26.3 27.8 41.8#
92 17.7 16.8 25.2

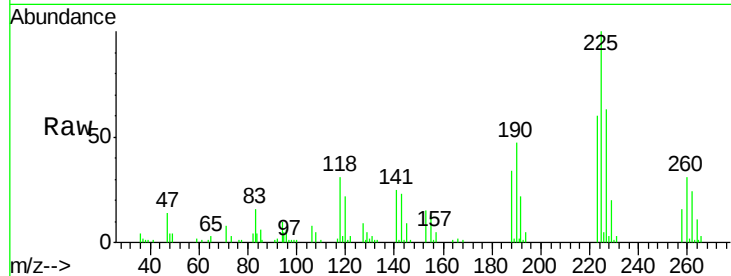




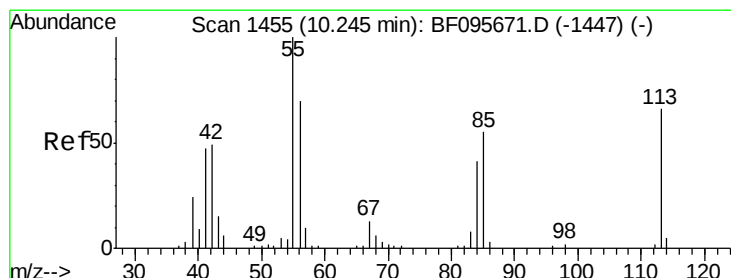
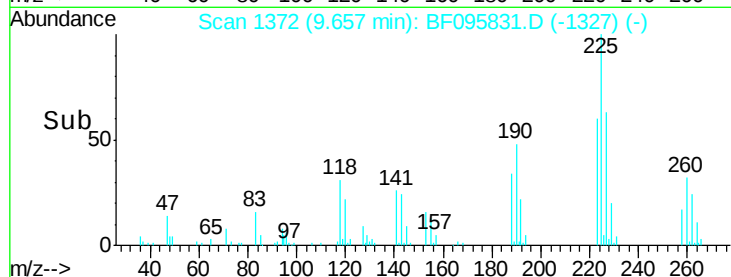
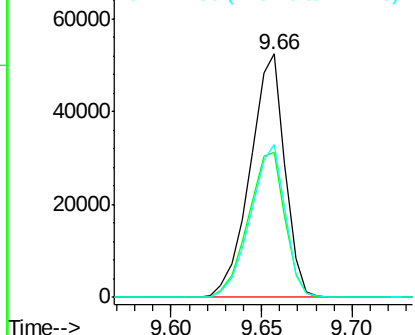
#34
Hexachlorobutadiene
Concen: 37.30 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion:225 Resp: 69719
Ion Ratio Lower Upper
225 100
223 59.8 48.8 73.2
227 62.7 51.1 76.7

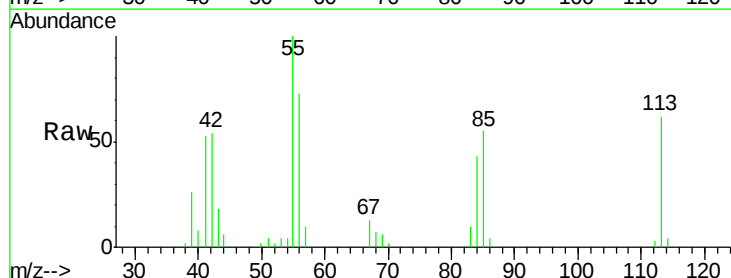


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

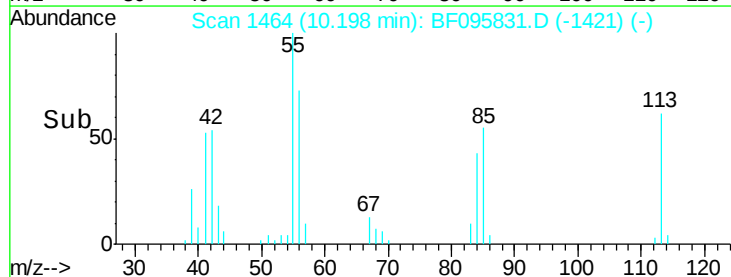
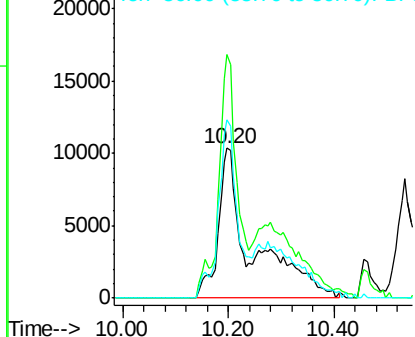


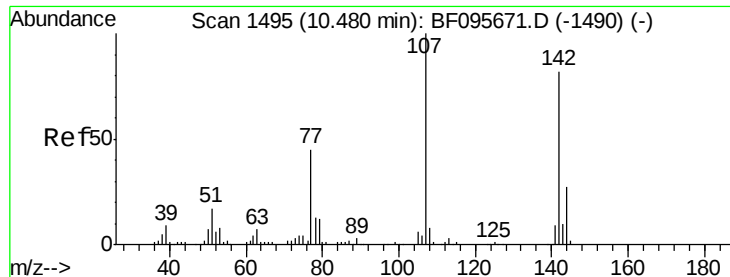
#35
Caprolactam
Concen: 44.28 ng m
RT: 10.20 min Scan# 1464
Delta R.T. -0.05 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:113 Resp: 45814
Ion Ratio Lower Upper
113 100
55 162.4 150.2 190.2
56 119.1 107.8 147.8



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

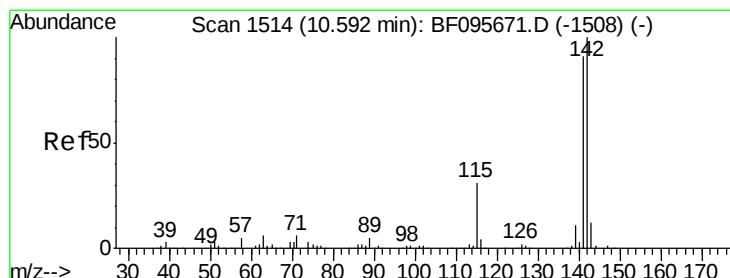
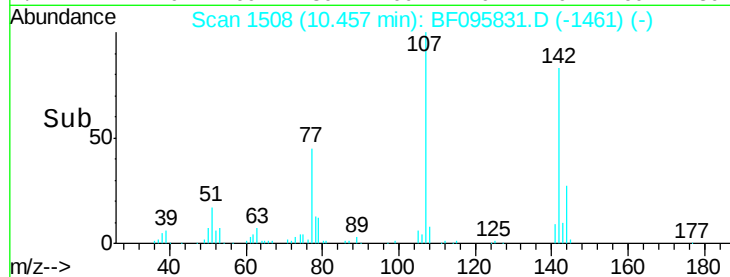
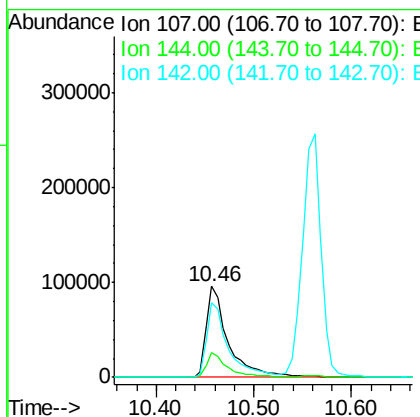
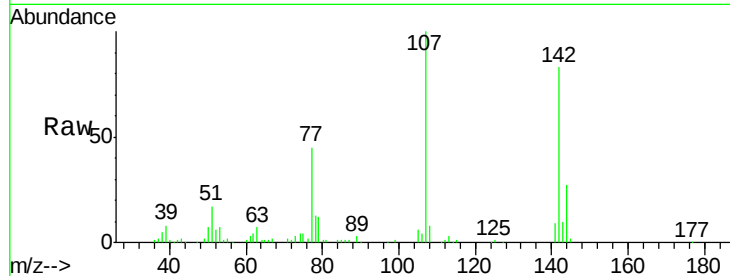




#36
 4-Chloro-3-methylphenol
 Concen: 41.48 ng
 RT: 10.46 min Scan# 1508
 Delta R.T. -0.02 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

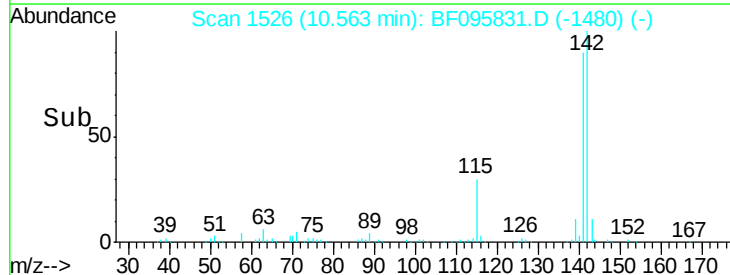
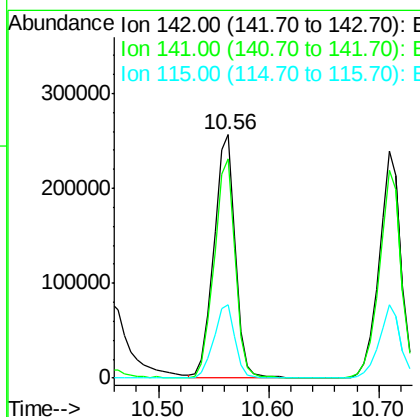
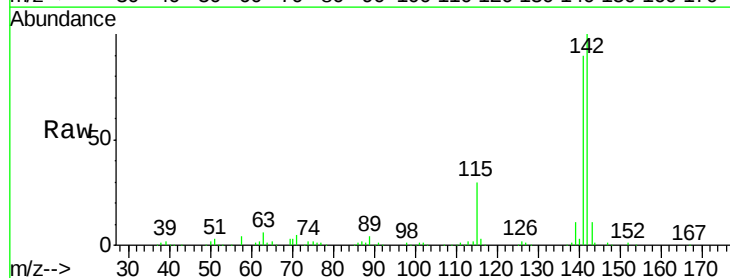
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MSD

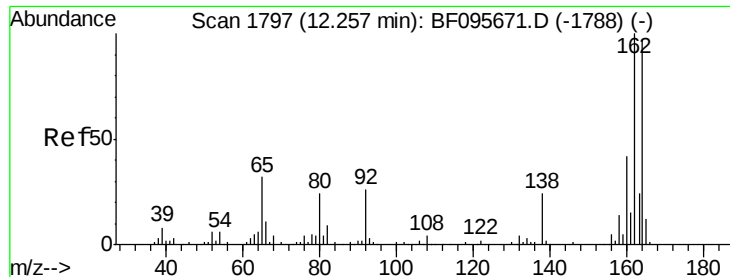
Tgt Ion:107 Resp: 150983
 Ion Ratio Lower Upper
 107 100
 144 26.8 24.2 36.4
 142 82.8 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 39.08 ng
 RT: 10.56 min Scan# 1526
 Delta R.T. -0.03 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Tgt Ion:142 Resp: 342291
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.3 106.9
 115 29.9 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

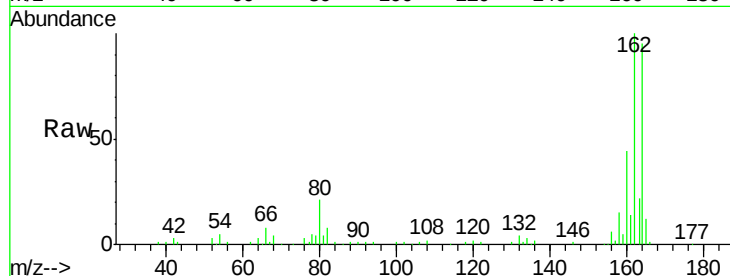
Tgt Ion:164 Resp: 115709

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

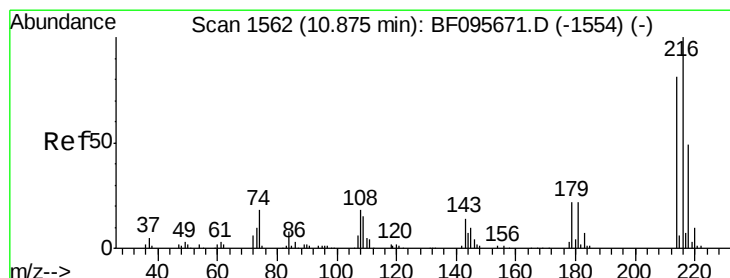
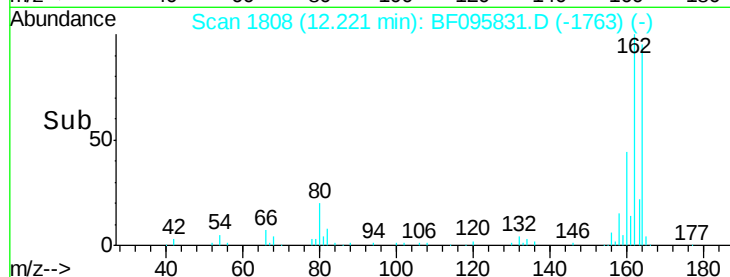
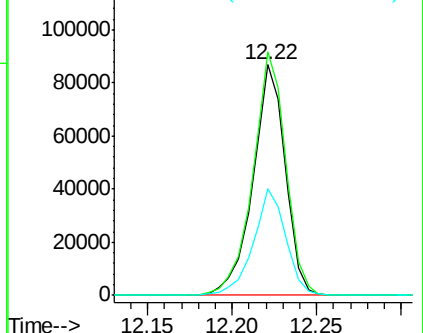
160 46.3 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.62 ng

RT: 10.84 min Scan# 1573

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Tgt Ion:216 Resp: 133745

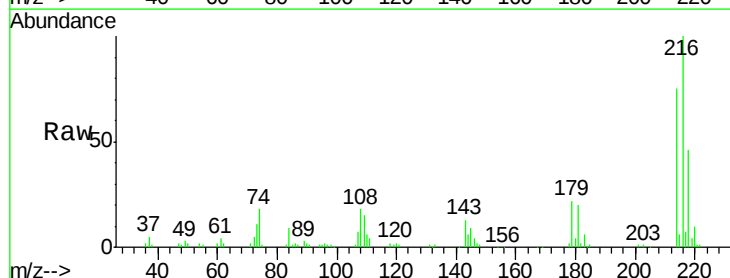
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 21.7 17.9 26.9

108 19.3 16.5 24.7

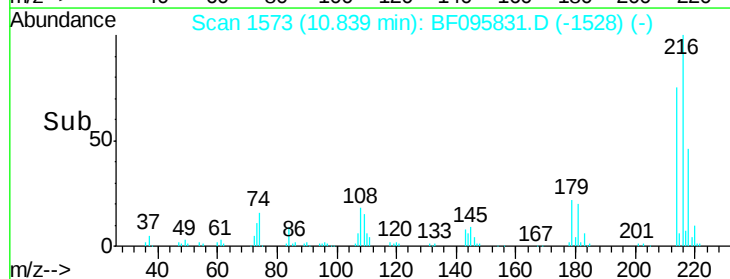
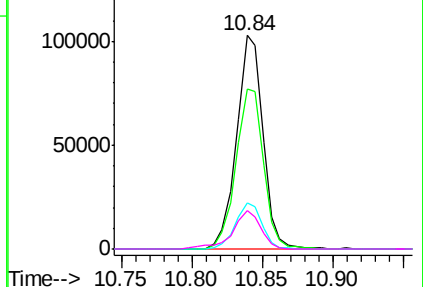


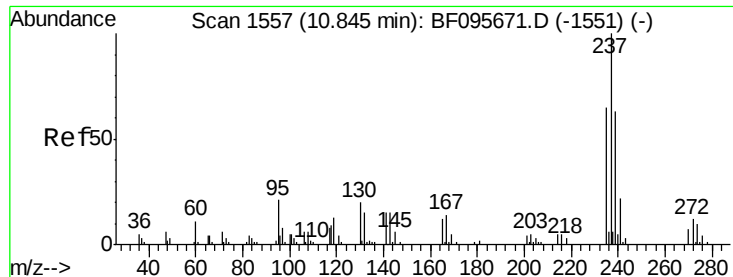
Abundance Ion 216.00 (215.70 to 216.70): E

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

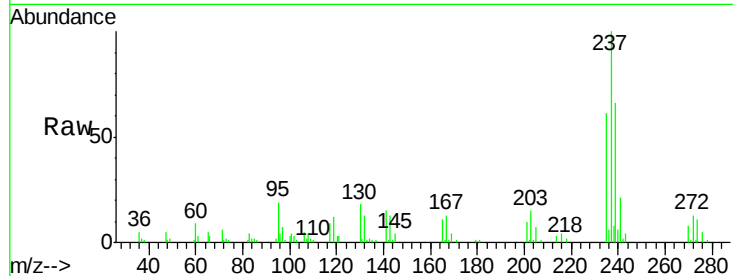




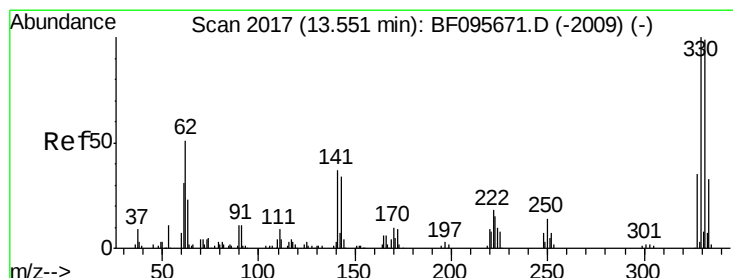
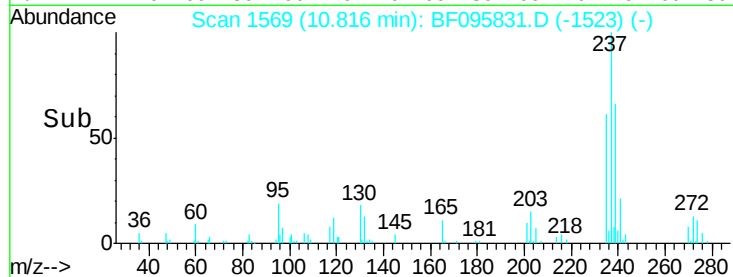
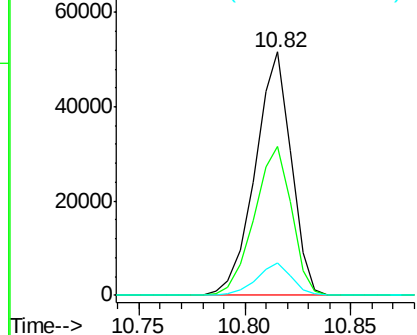
#40
Hexachlorocyclopentadiene
Concen: 59.70 ng
RT: 10.82 min Scan# 1569
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion: 237 Resp: 61201
Ion Ratio Lower Upper
237 100
235 61.3 42.6 82.6
272 13.5 0.0 31.9

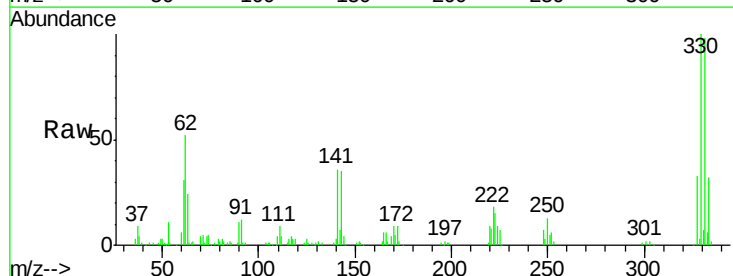


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

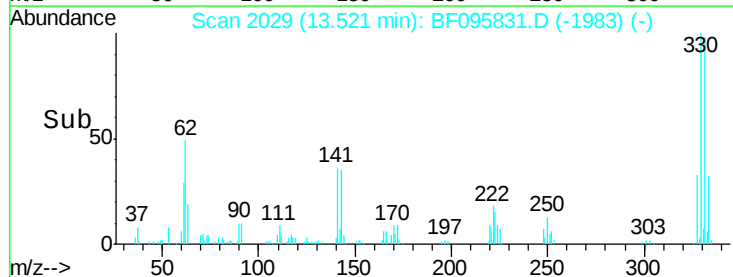
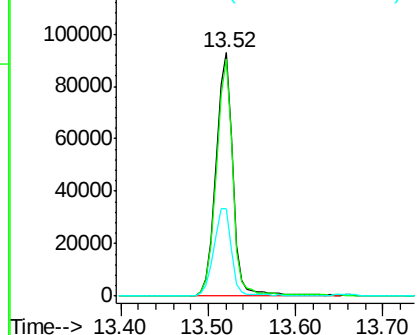


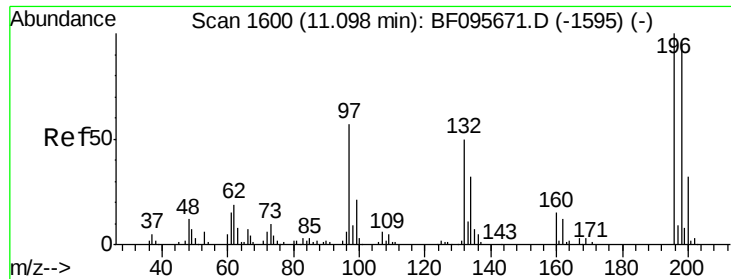
#41
2,4,6-Tribromophenol
Concen: 123.28 ng
RT: 13.52 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 330 Resp: 126212
Ion Ratio Lower Upper
330 100
332 94.5 76.6 115.0
141 37.7 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

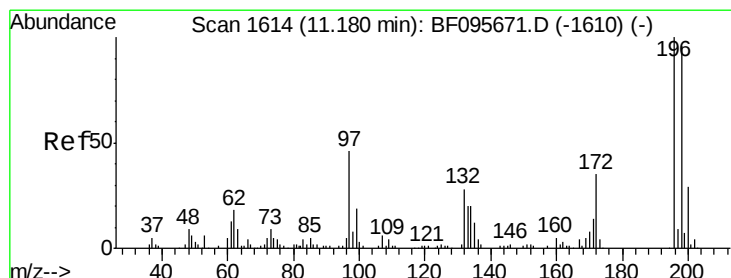
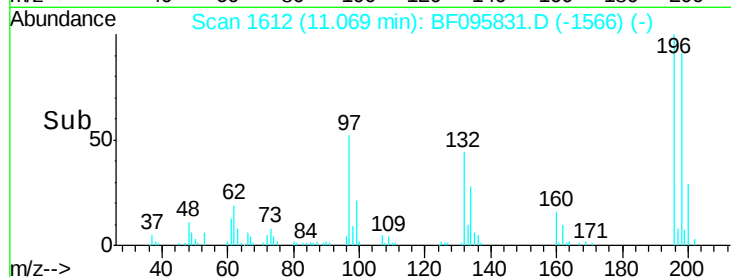
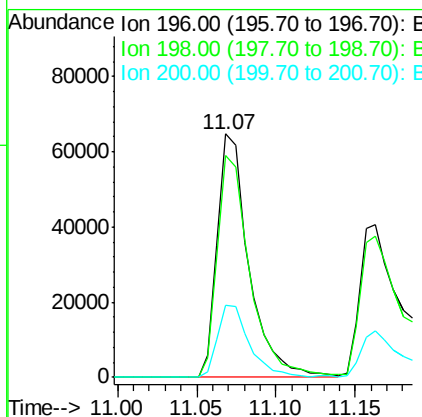
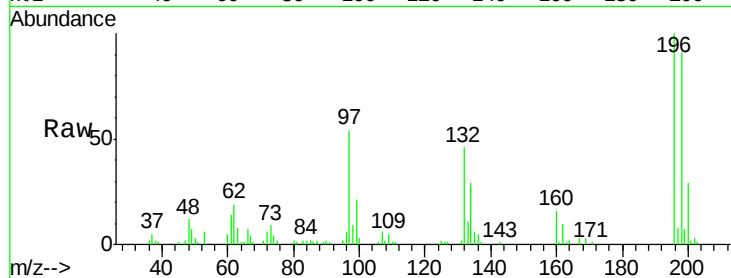




#42
2,4,6-Trichlorophenol
Concen: 40.62 ng
RT: 11.07 min Scan# 1612
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

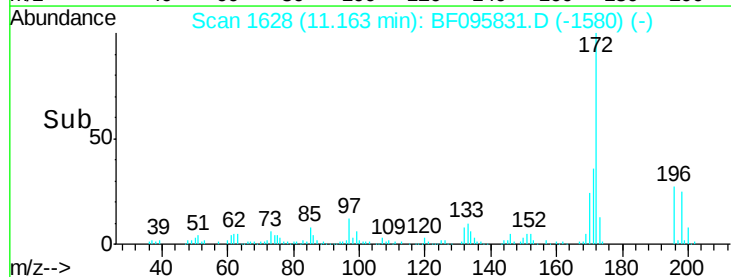
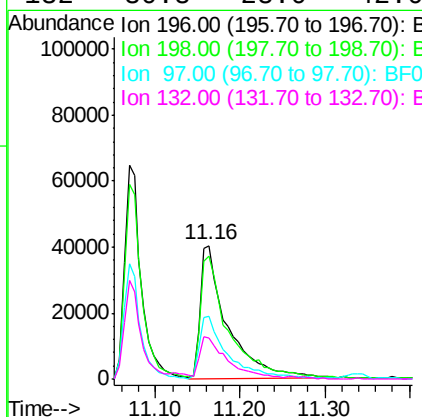
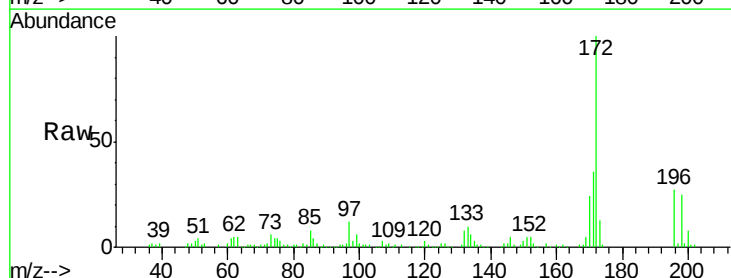
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

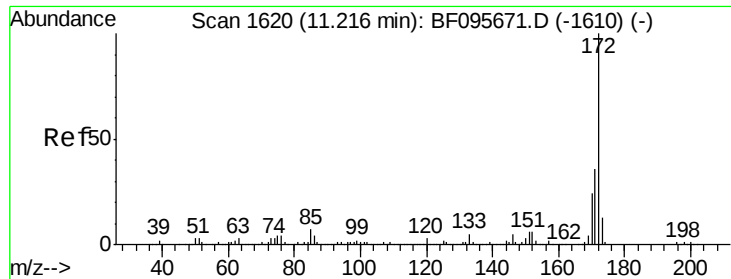
Tgt Ion:196 Resp: 90448
Ion Ratio Lower Upper
196 100
198 91.4 74.2 111.4
200 29.4 24.0 36.0



#43
2,4,5-Trichlorophenol
Concen: 37.27 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:196 Resp: 88270
Ion Ratio Lower Upper
196 100
198 92.4 75.7 113.5
97 46.5 47.7 71.5#
132 30.8 28.0 42.0

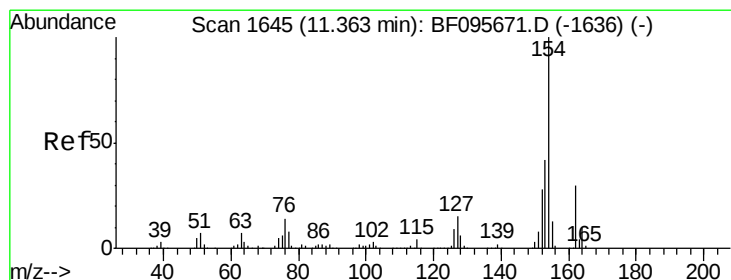
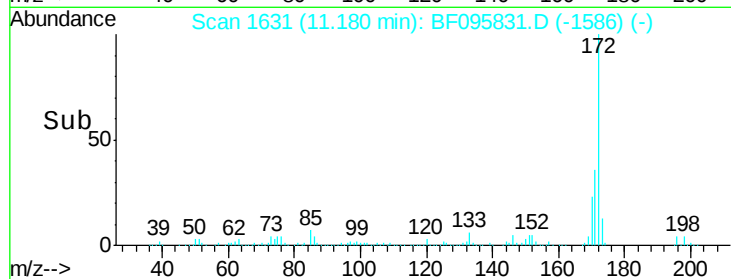
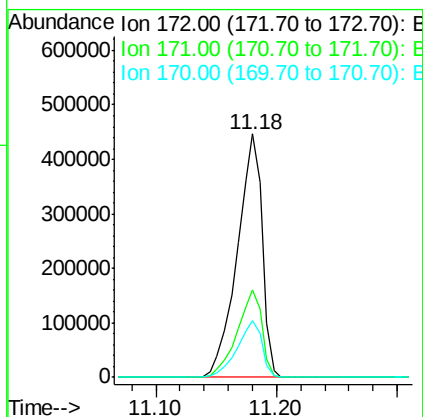
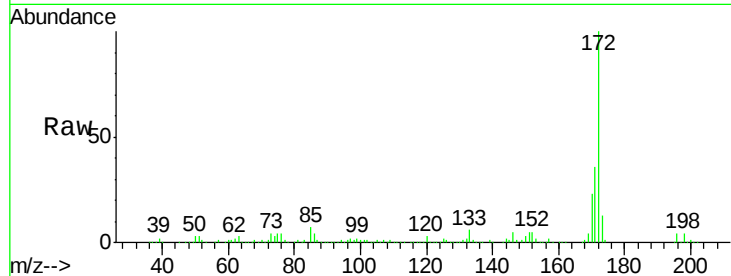




#44
2-Fluorobiphenyl
Concen: 77.15 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

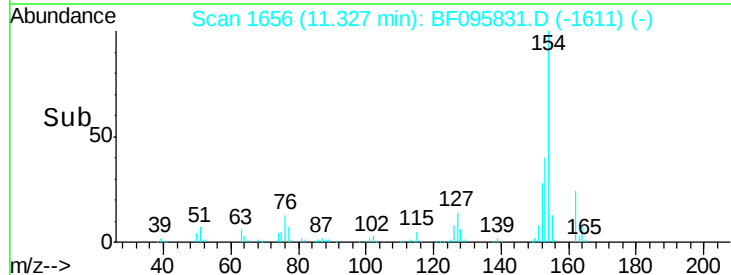
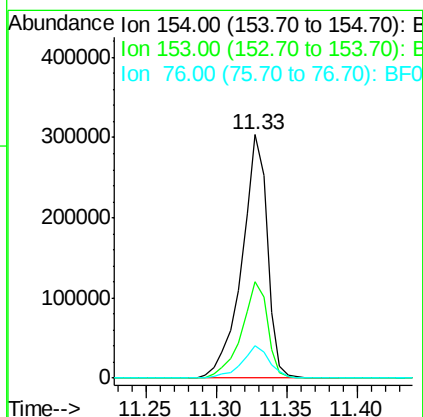
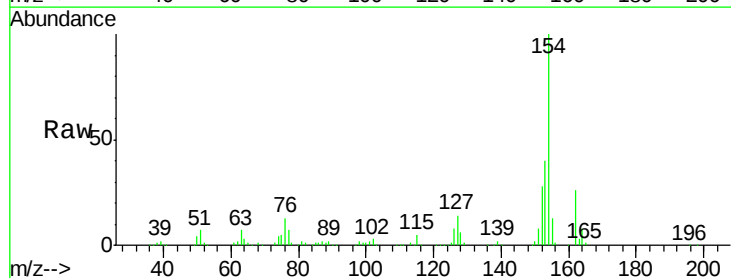
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

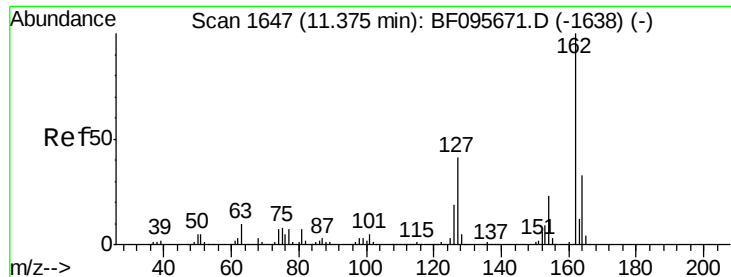
Tgt Ion:172 Resp: 641476
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.1 19.8 29.8



#45
1,1'-Biphenyl
Concen: 40.13 ng
RT: 11.33 min Scan# 1656
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:154 Resp: 382730
Ion Ratio Lower Upper
154 100
153 39.6 21.2 61.2
76 13.2 0.0 29.9

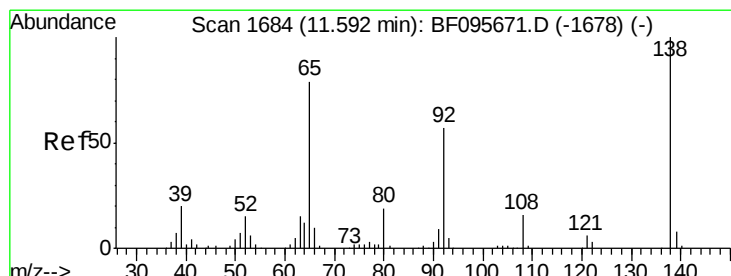
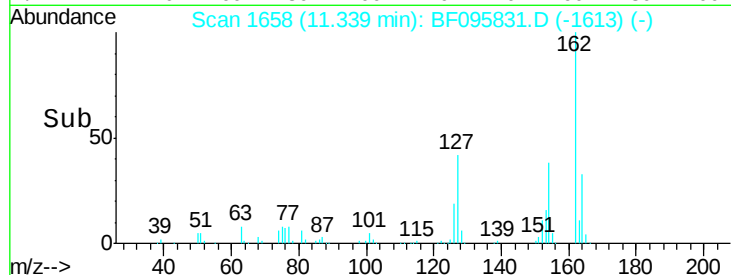
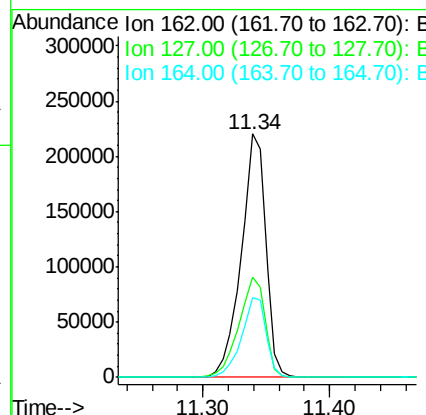
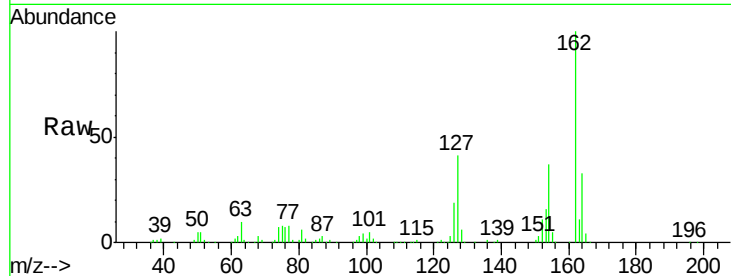




#46
2-Chloronaphthalene
Concen: 39.48 ng
RT: 11.34 min Scan# 1658
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

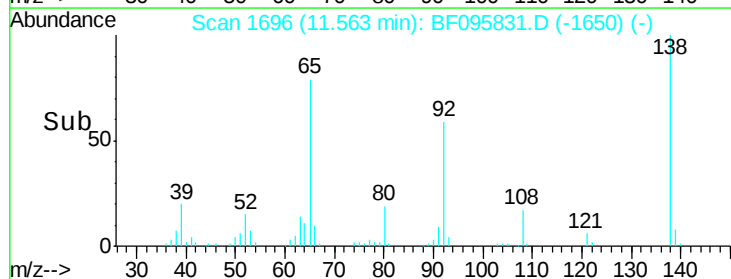
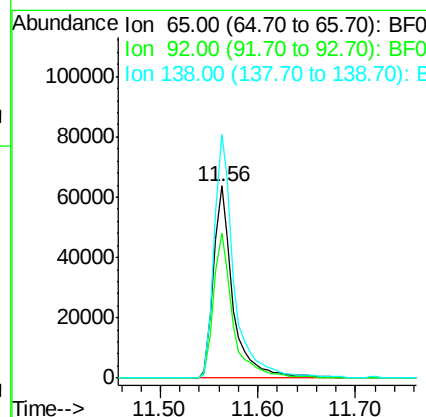
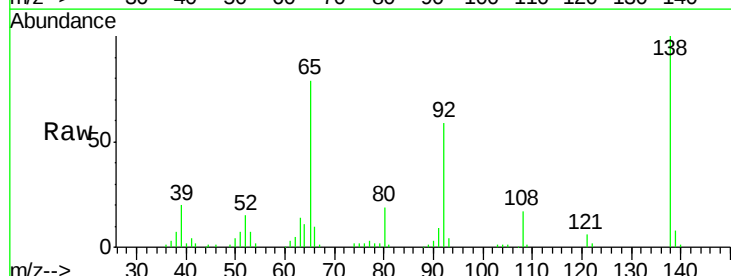
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

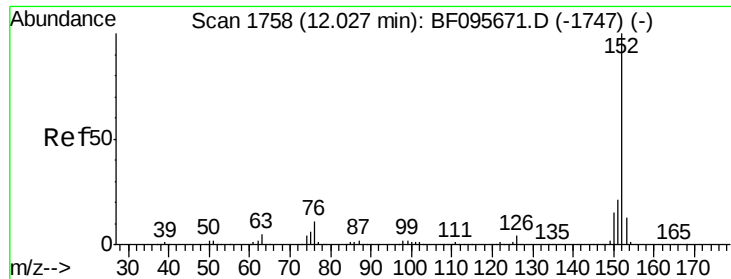
Tgt Ion: 162 Resp: 294177
Ion Ratio Lower Upper
162 100
127 41.0 28.3 42.5
164 32.6 27.0 40.4



#47
2-Nitroaniline
Concen: 40.73 ng
RT: 11.56 min Scan# 1696
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 65 Resp: 88815
Ion Ratio Lower Upper
65 100
92 75.5 53.9 80.9
138 126.9 78.8 118.2#





#48

Acenaphthylene

Concen: 37.51 ng

RT: 11.99 min Scan# 1769

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

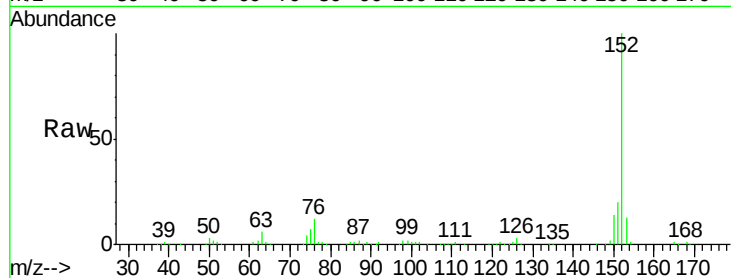
Tgt Ion:152 Resp: 477954

Ion Ratio Lower Upper

152 100

151 19.8 16.8 25.2

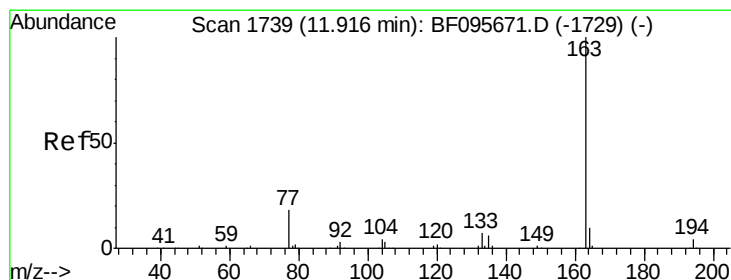
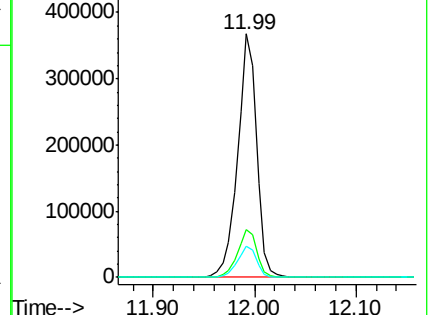
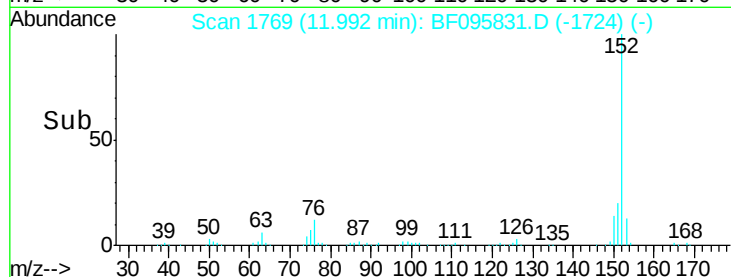
153 12.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 51.63 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

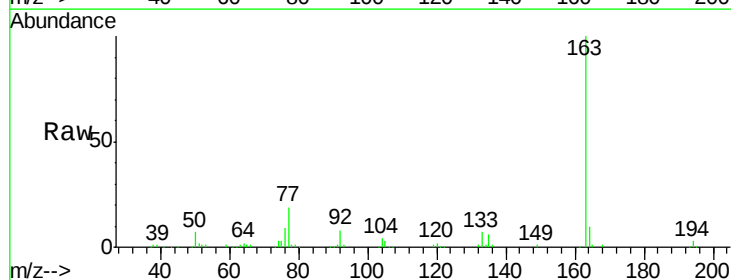
Tgt Ion:163 Resp: 453606

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

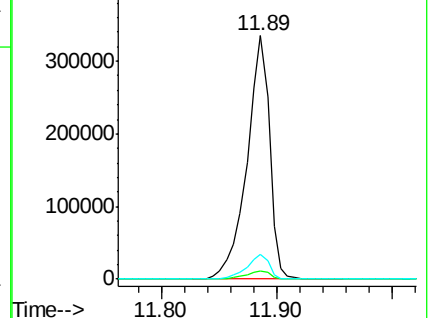
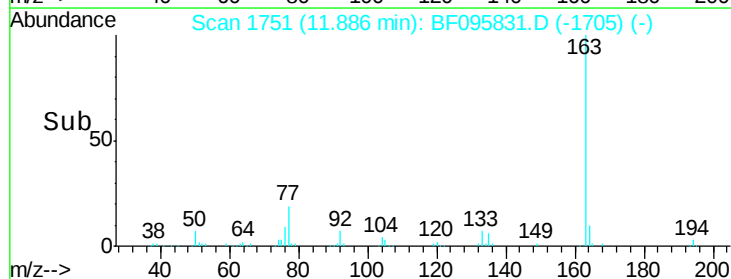
164 10.1 8.4 12.6

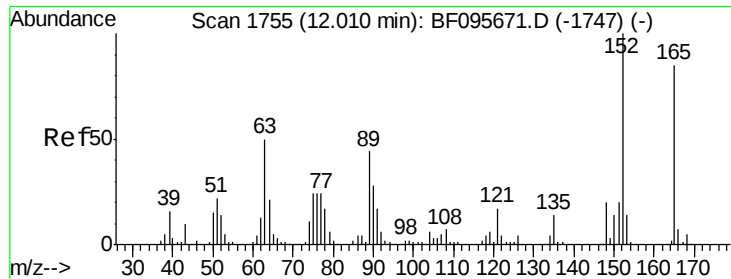


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

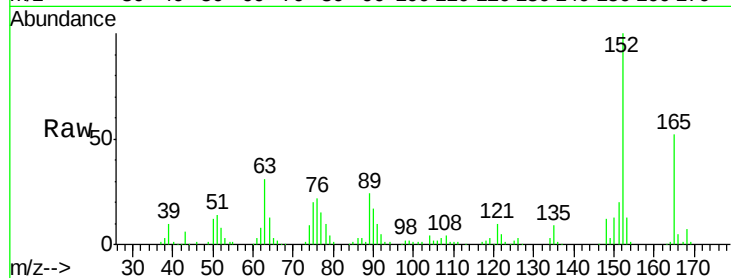




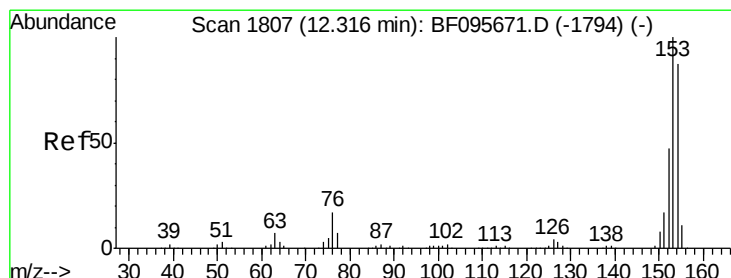
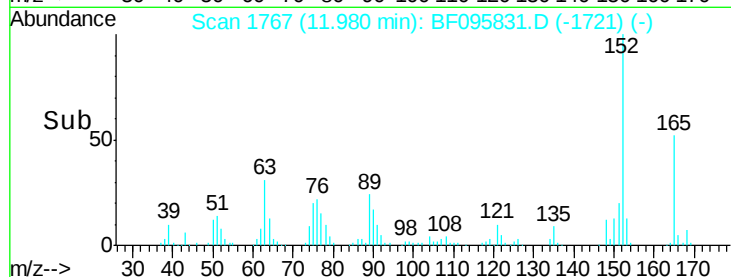
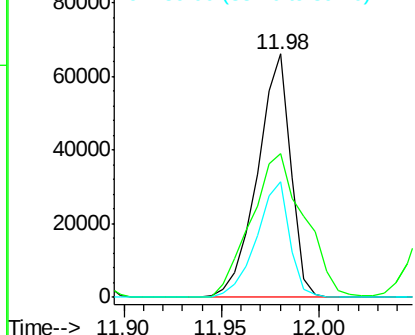
#50
2,6-Dinitrotoluene
Concen: 40.65 ng
RT: 11.98 min Scan# 1767
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion:165 Resp: 77904
Ion Ratio Lower Upper
165 100
63 59.3 34.3 51.5#
89 47.4 37.1 55.7

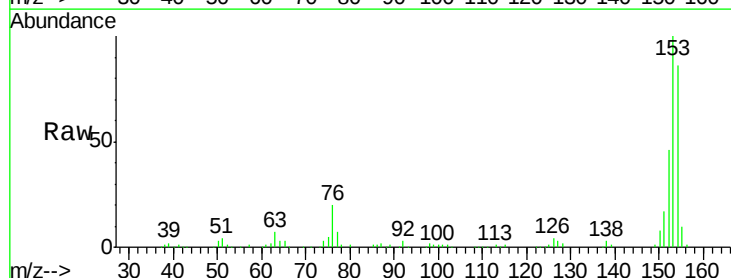


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

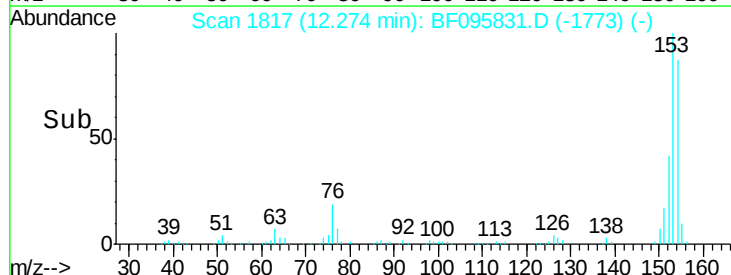
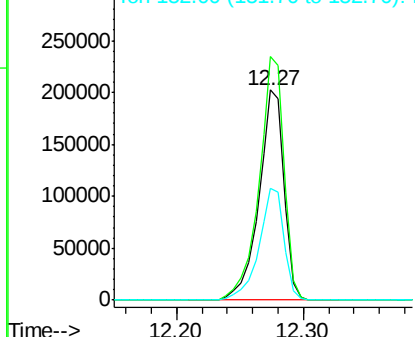


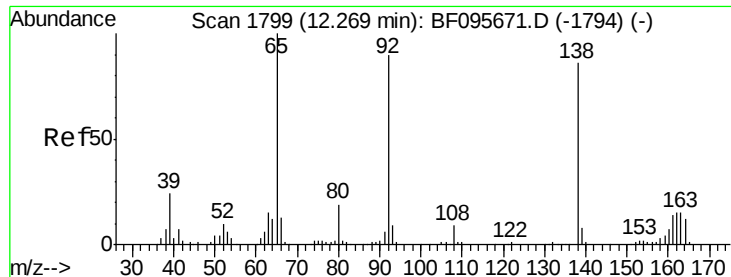
#51
Acenaphthene
Concen: 37.84 ng
RT: 12.27 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:154 Resp: 278434
Ion Ratio Lower Upper
154 100
153 116.0 90.5 135.7
152 53.5 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

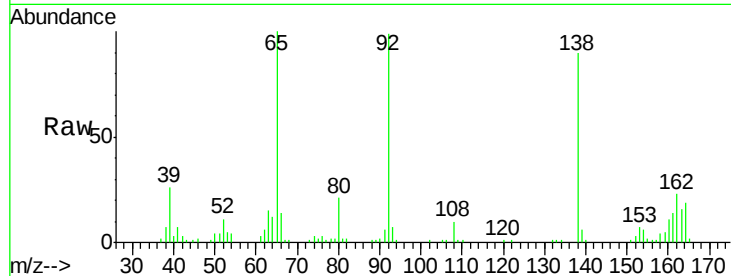




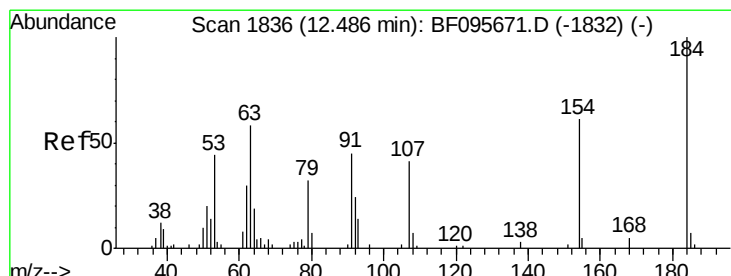
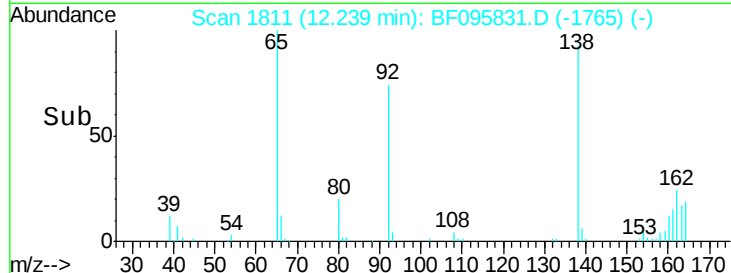
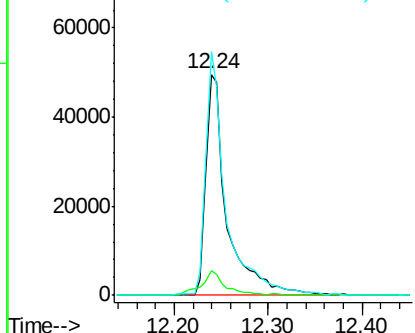
#52
 3-Nitroaniline
 Concen: 35.08 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. -0.03 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion:138 Resp: 78316
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.1 13.7
 92 110.1 93.8 140.6

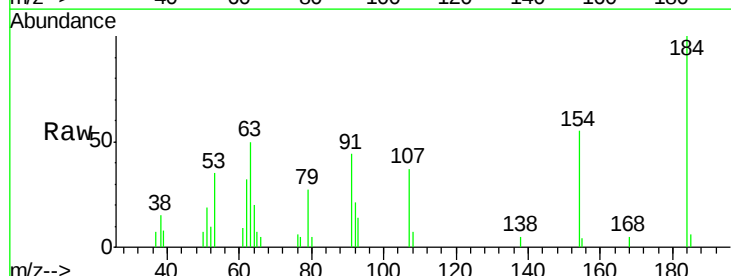


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

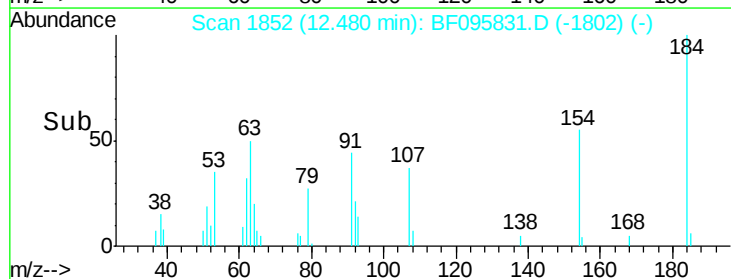
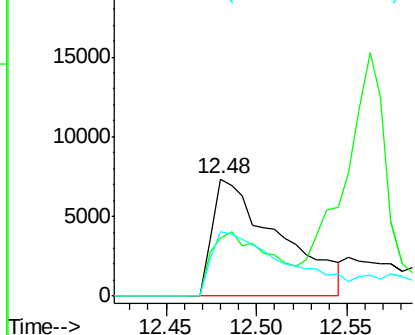


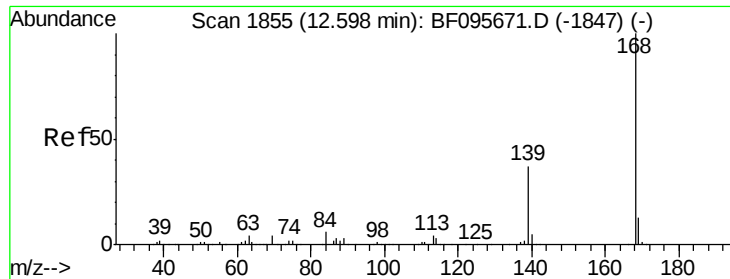
#53
 2,4-Dinitrophenol
 Concen: 22.38 ng
 RT: 12.48 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Tgt Ion:184 Resp: 18782
 Ion Ratio Lower Upper
 184 100
 63 49.8 62.7 94.1#
 154 54.9 81.1 121.7#



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





#54

Dibenzenofuran

Concen: 42.28 ng

RT: 12.56 min Scan# 1866

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

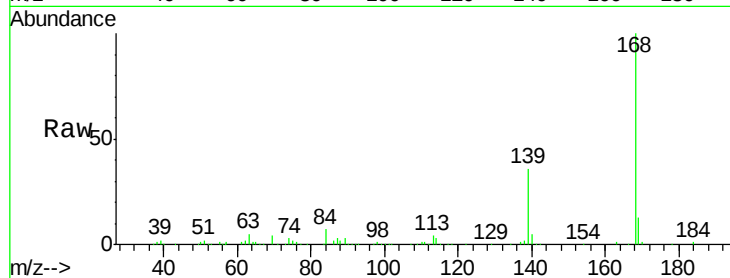
Tgt Ion:168 Resp: 437890

Ion Ratio Lower Upper

168 100

139 35.9 30.6 45.8

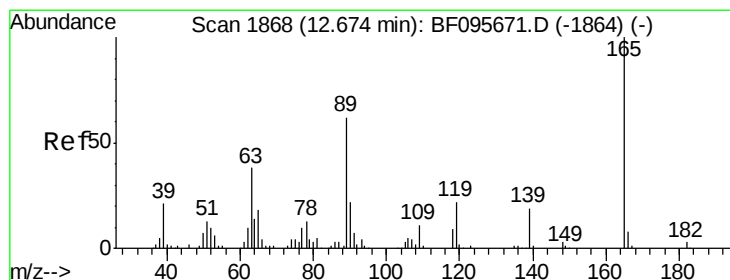
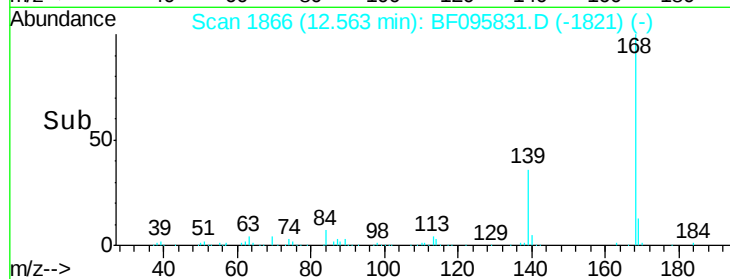
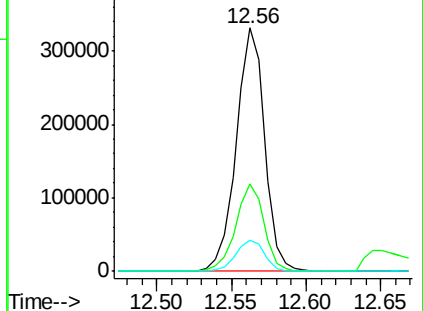
169 13.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 69.13 ng

RT: 12.65 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

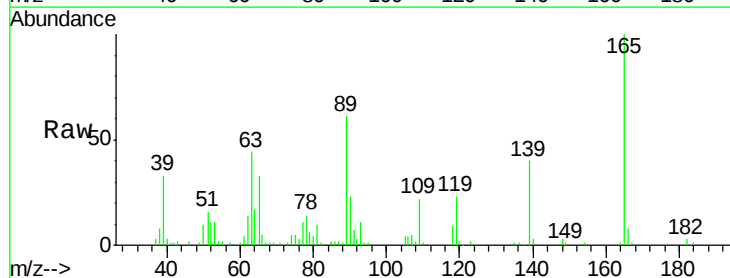
Tgt Ion:139 Resp: 89243

Ion Ratio Lower Upper

139 100

109 55.8 34.1 74.1

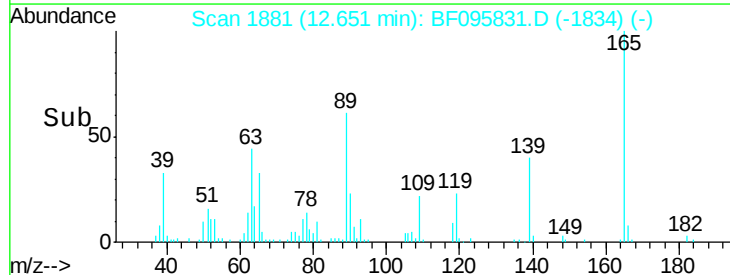
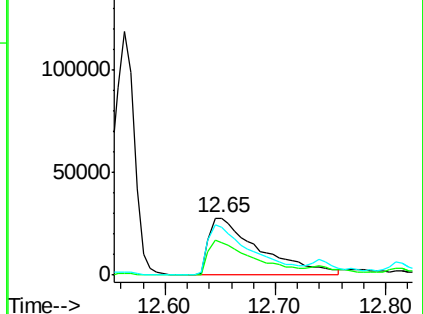
65 83.0 31.4 71.4#

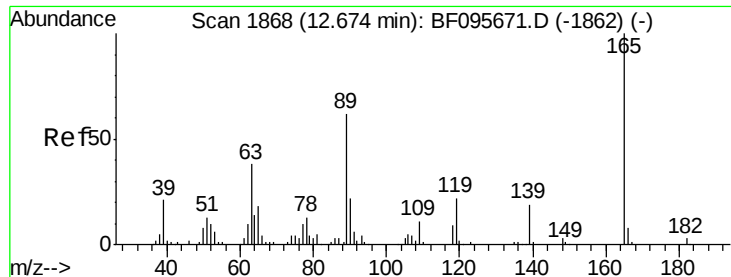


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 42.22 ng

RT: 12.65 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

Tgt Ion:165 Resp: 109271

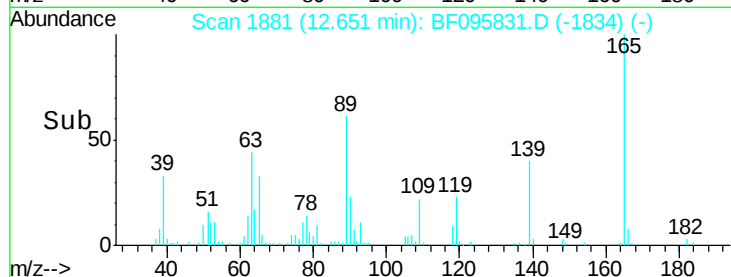
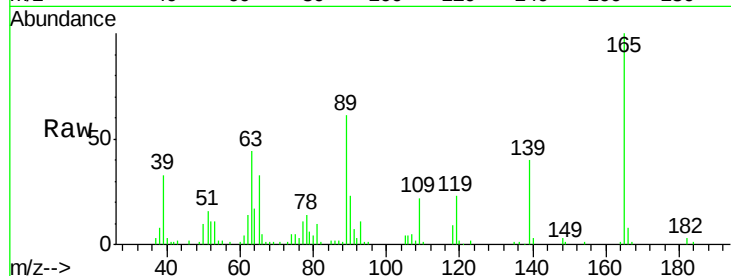
Ion Ratio Lower Upper

165 100

63 44.3 25.4 38.0#

89 61.1 46.4 69.6

182 3.2 1.8 2.6#

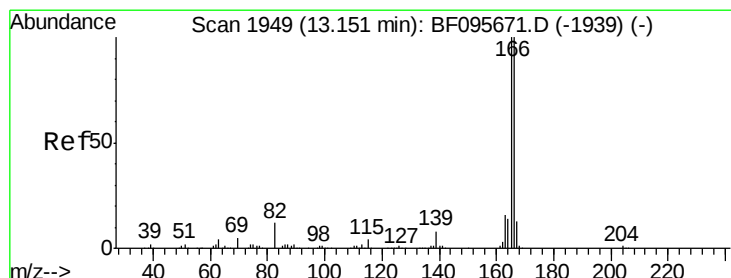
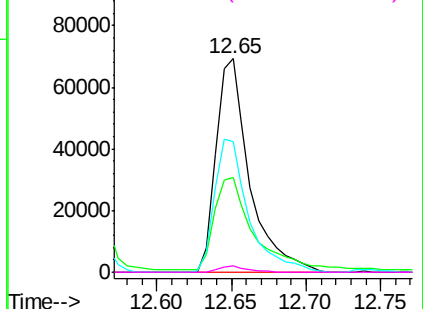


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.55 ng

RT: 13.12 min Scan# 1960

Delta R.T. -0.04 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

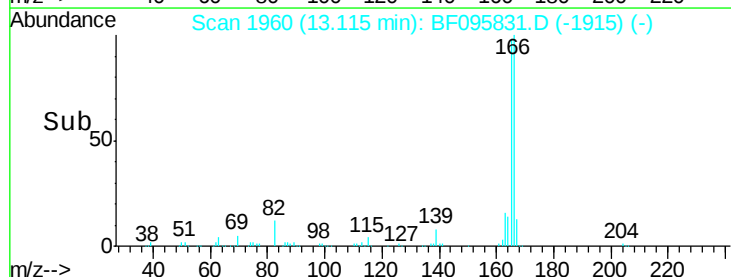
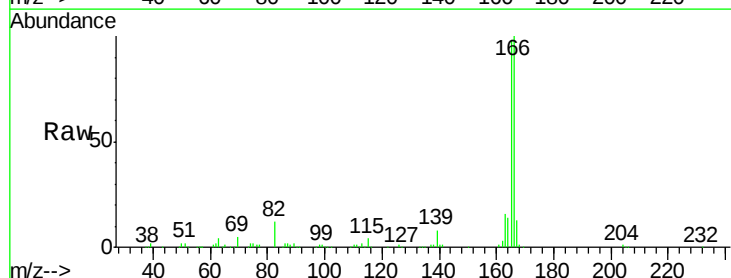
Tgt Ion:166 Resp: 347432

Ion Ratio Lower Upper

166 100

165 97.9 78.8 118.2

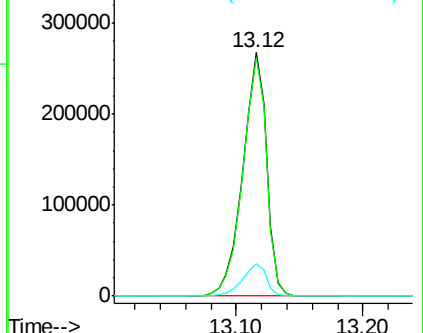
167 13.4 10.6 16.0

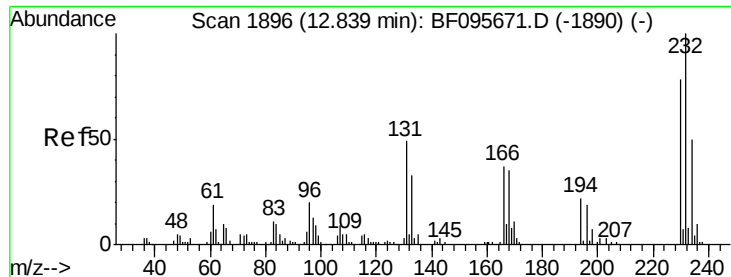


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

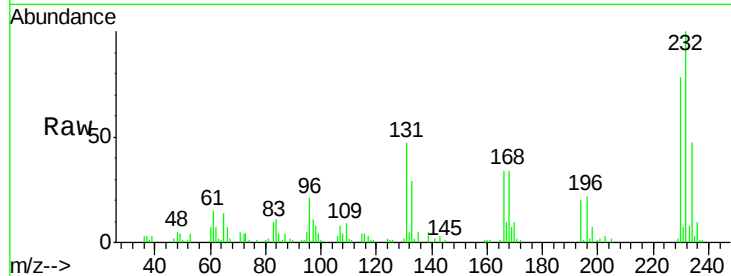




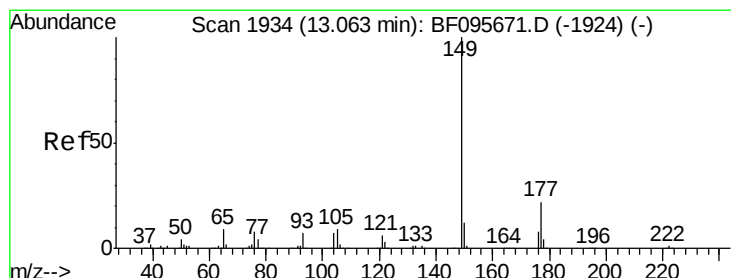
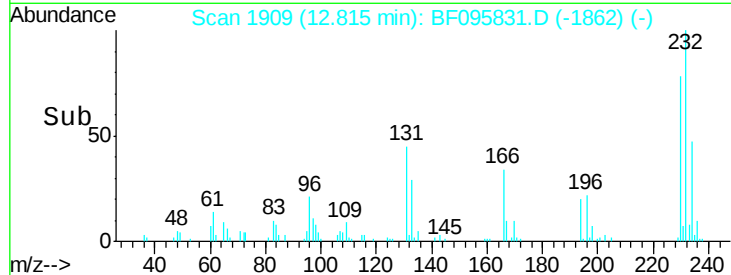
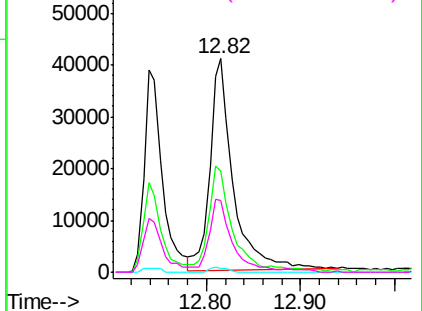
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.94 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion: 232 Resp: 71209
 Ion Ratio Lower Upper
 232 100
 131 50.0 44.8 67.2
 130 1.7 2.3 3.5#
 166 31.2 29.0 43.4

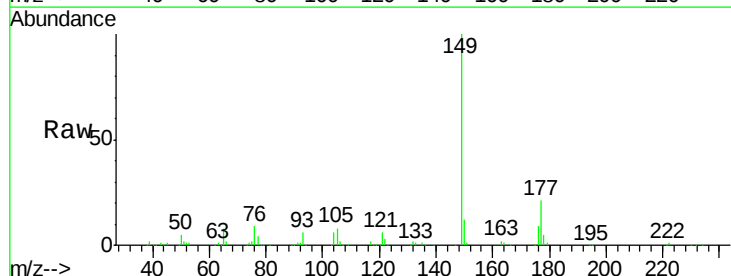


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

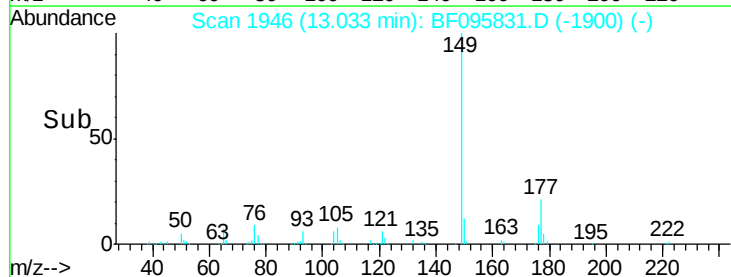
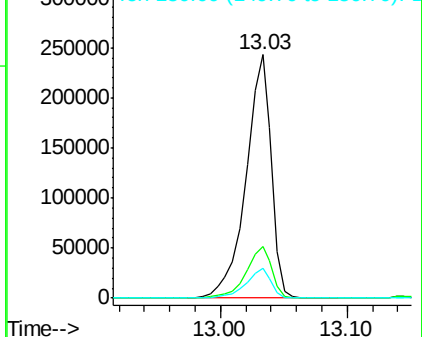


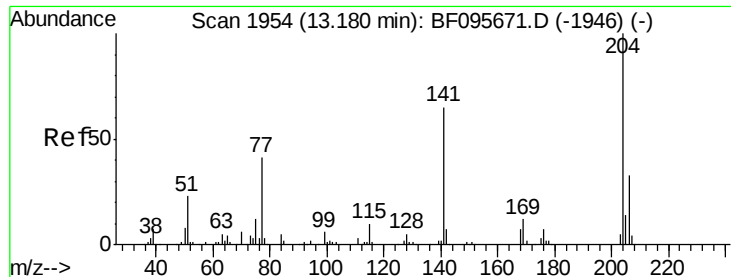
#59
 Diethylphthalate
 Concen: 39.80 ng
 RT: 13.03 min Scan# 1946
 Delta R.T. -0.03 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Tgt Ion: 149 Resp: 336491
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.7 25.1
 150 12.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

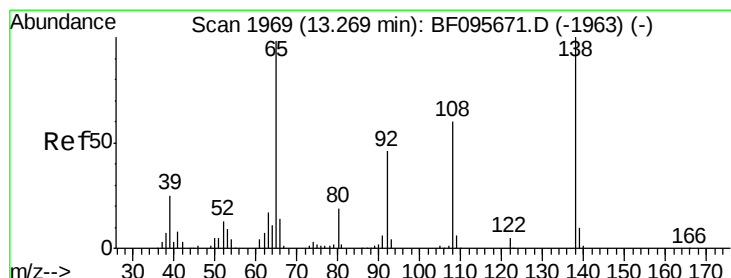
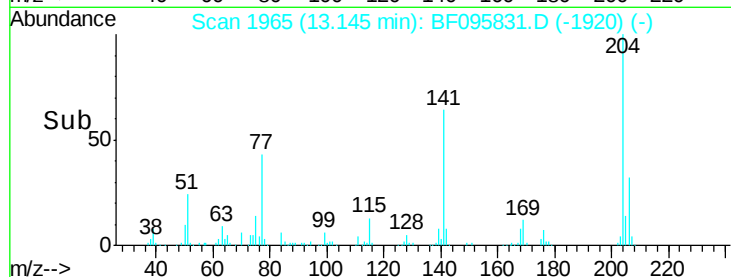
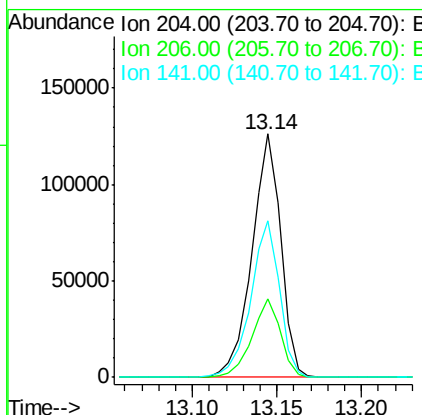
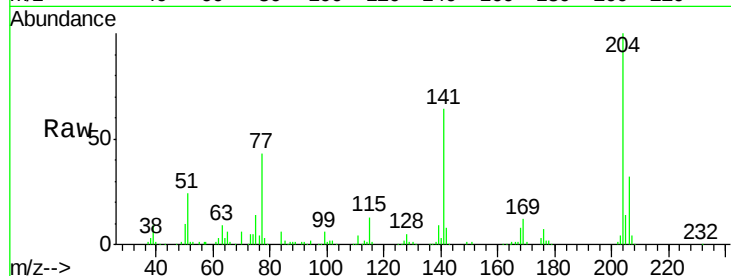




#60
4-Chlorophenyl-phenylether
Concen: 38.39 ng
RT: 13.14 min Scan# 1965
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

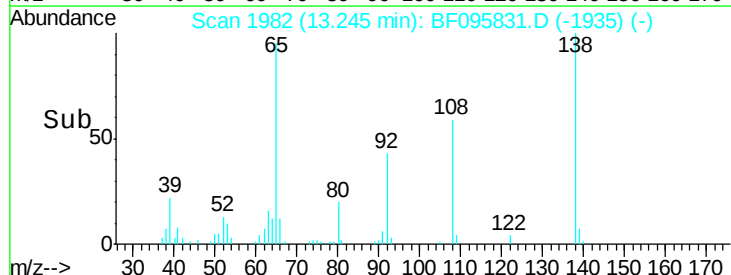
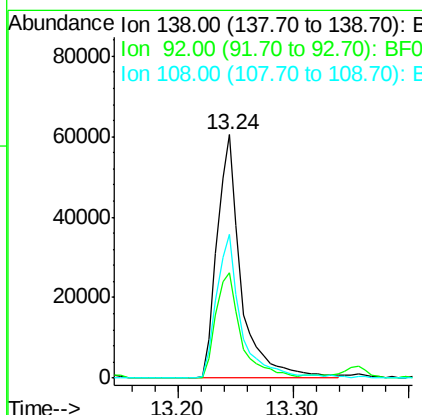
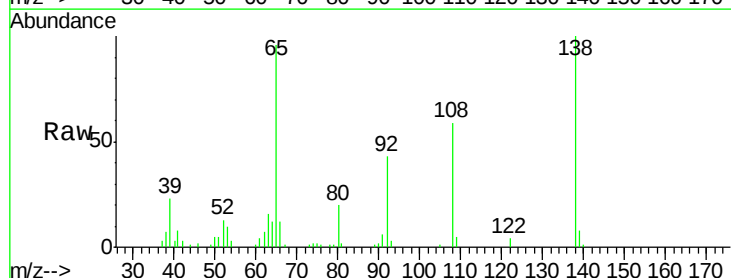
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

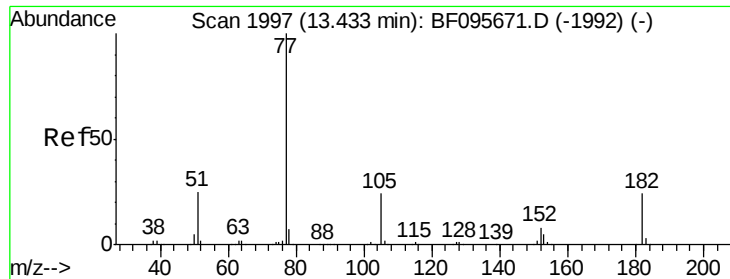
Tgt Ion: 204 Resp: 150458
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 64.5 60.8 91.2



#61
4-Nitroaniline
Concen: 42.09 ng
RT: 13.24 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 138 Resp: 87737
Ion Ratio Lower Upper
138 100
92 43.4 21.8 61.8
108 58.9 42.3 82.3

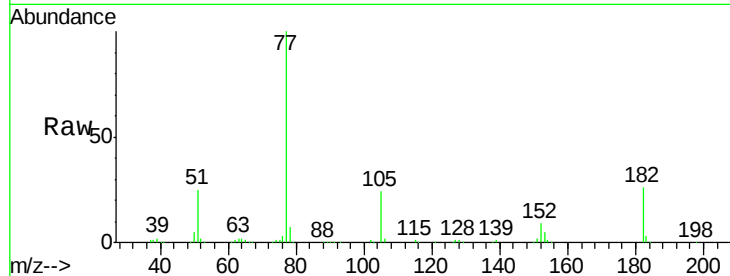




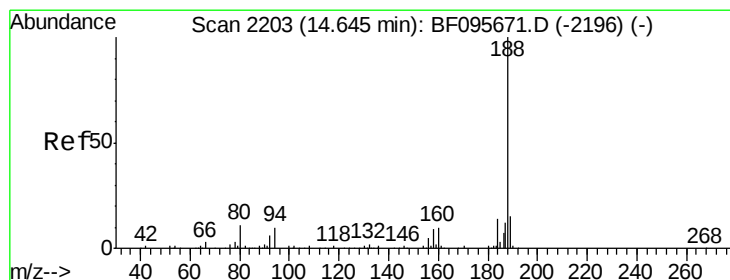
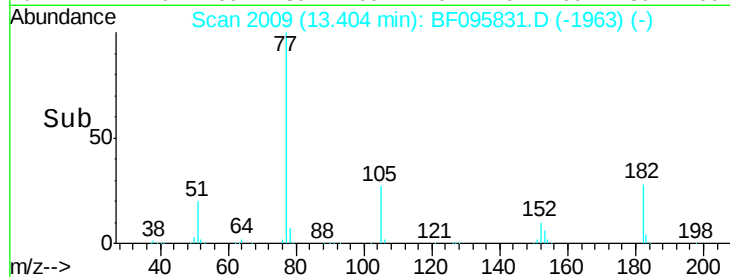
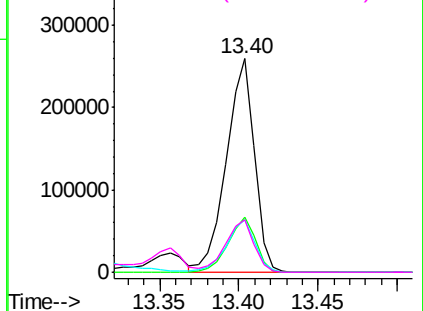
#62
Azobenzene
Concen: 41.67 ng
RT: 13.40 min Scan# 2009
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	0.1	40.1
105	24.4	3.6	43.6
51	24.8	9.4	49.4

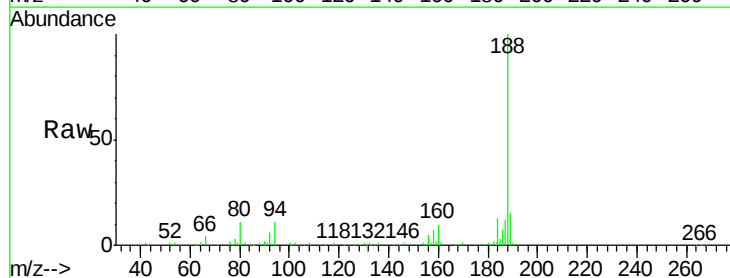


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

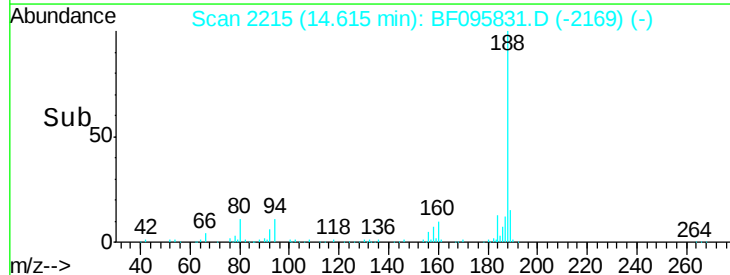
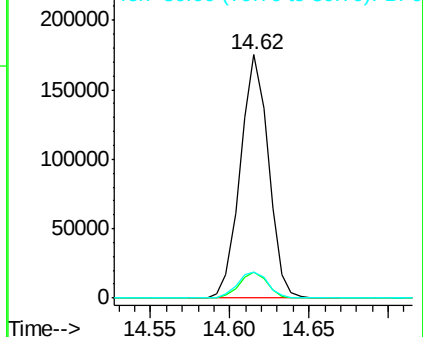


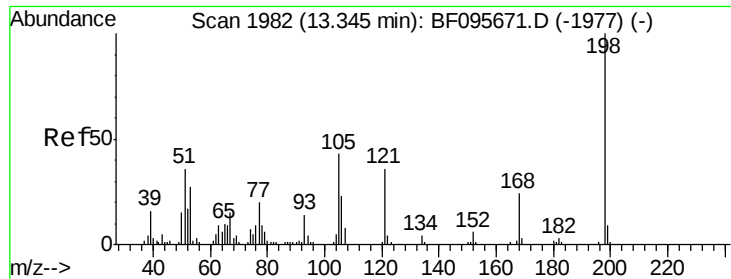
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.9	10.2	15.2



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

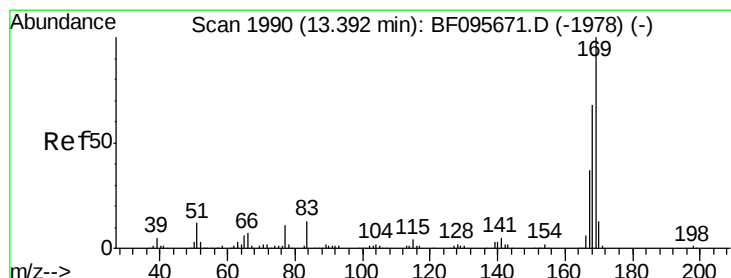
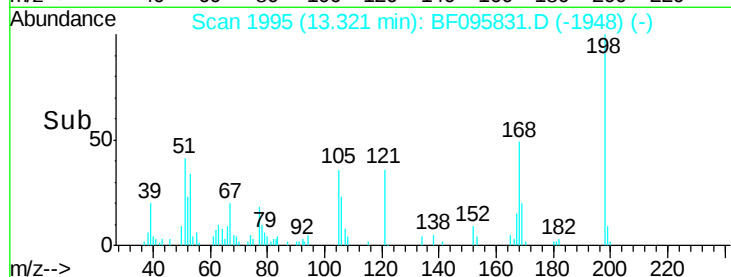
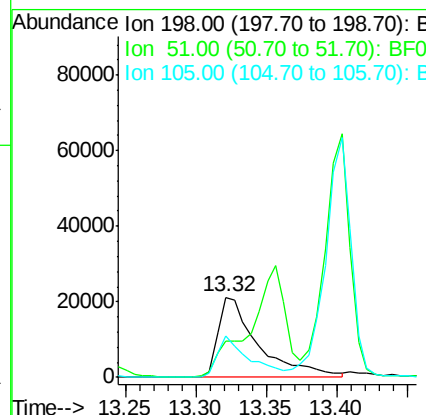
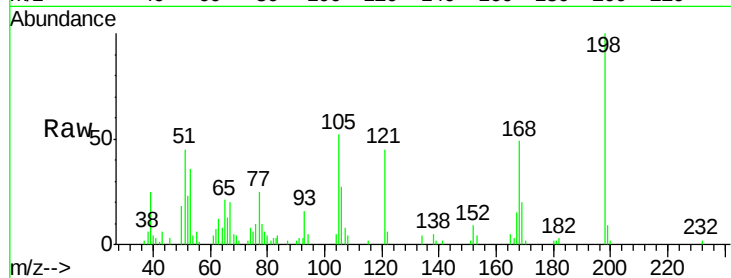




#64
4,6-Dinitro-2-methylphenol
Concen: 29.61 ng
RT: 13.32 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

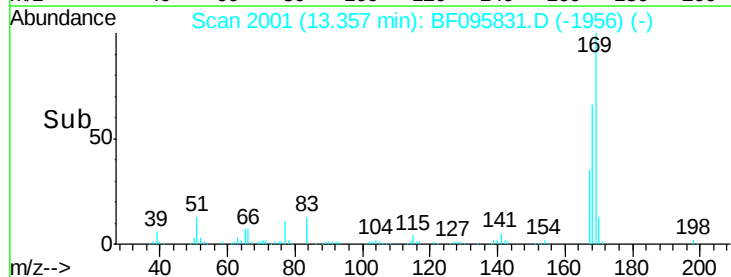
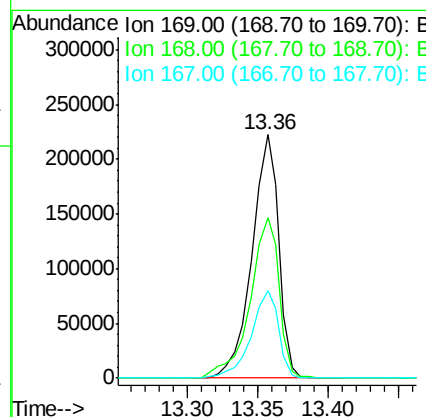
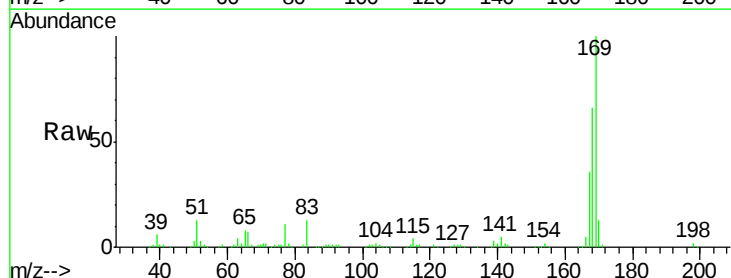
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

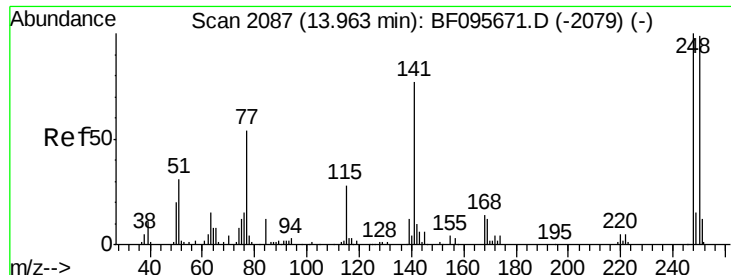
Tgt Ion:198 Resp: 42004
Ion Ratio Lower Upper
198 100
51 45.2 53.2 93.2#
105 52.0 45.8 85.8



#65
n-Nitrosodiphenylamine
Concen: 38.22 ng
RT: 13.36 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:169 Resp: 296412
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.1 29.5 44.3

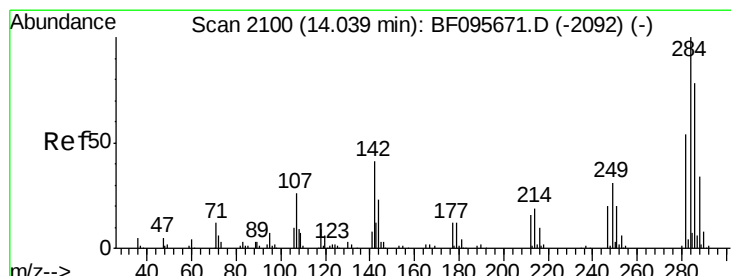
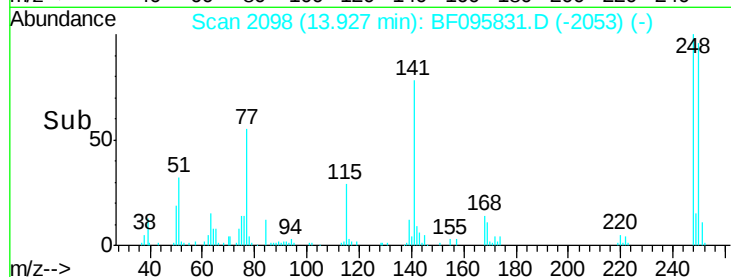
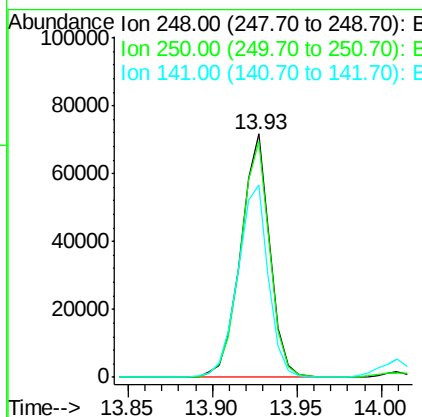
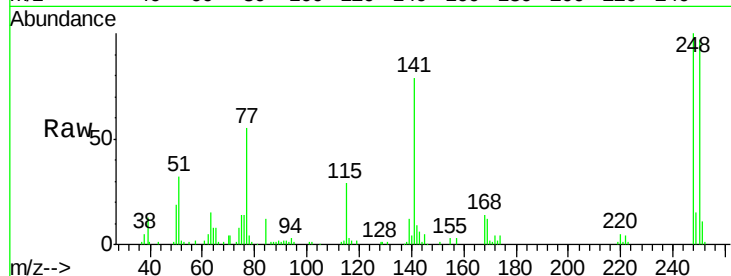




#66
 4-Bromophenyl-phenylether
 Concen: 38.30 ng
 RT: 13.93 min Scan# 2098
 Delta R.T. -0.04 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

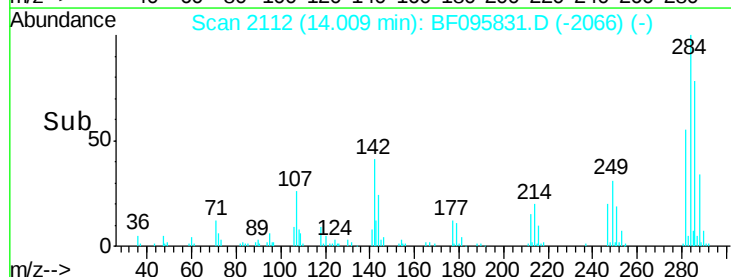
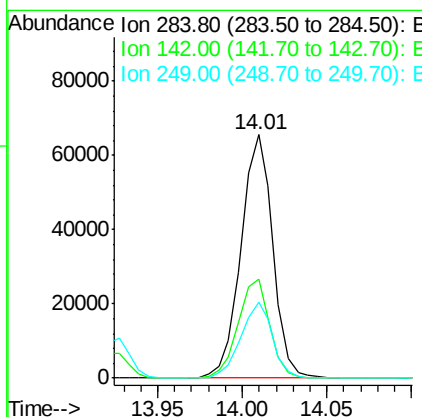
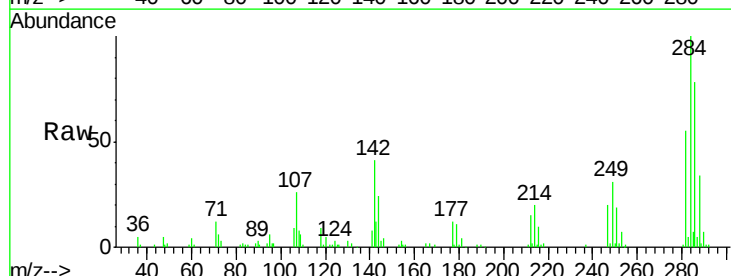
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MSD

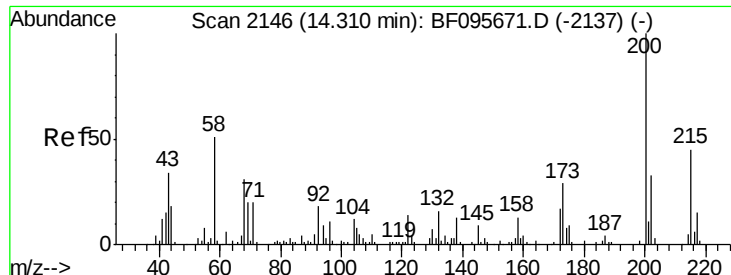
Tgt Ion:248 Resp: 85898
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.8 115.2
 141 79.0 68.6 103.0



#67
 Hexachlorobenzene
 Concen: 38.83 ng
 RT: 14.01 min Scan# 2112
 Delta R.T. -0.03 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Tgt Ion:284 Resp: 85820
 Ion Ratio Lower Upper
 284 100
 142 40.5 22.8 34.2#
 249 31.4 24.0 36.0





#68

Atrazine

Concen: 41.88 ng

RT: 14.28 min Scan# 2158

Delta R.T. -0.03 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

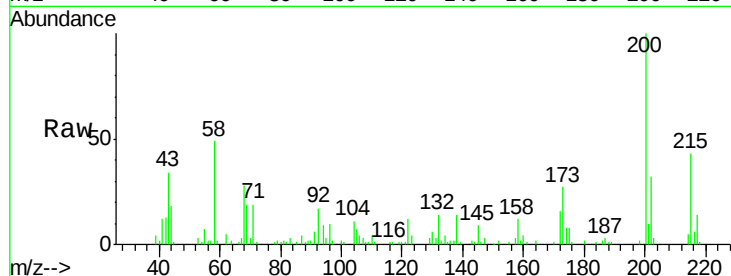
Tgt Ion:200 Resp: 90386

Ion Ratio Lower Upper

200 100

173 27.5 6.3 46.3

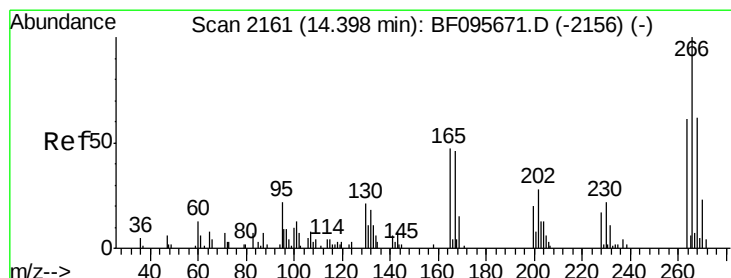
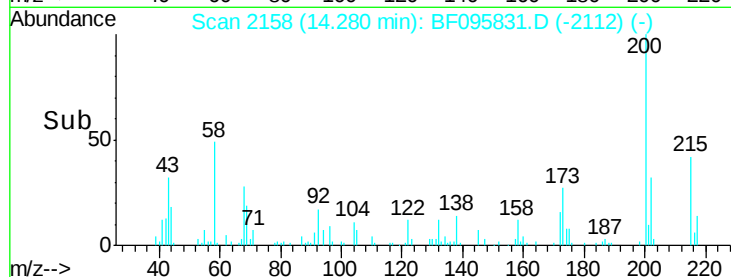
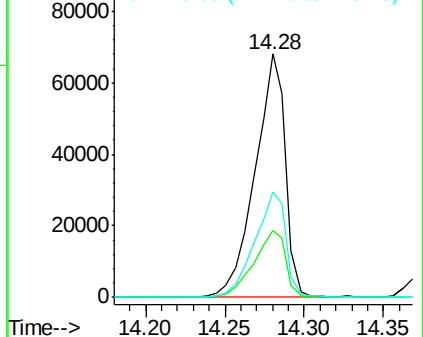
215 43.1 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 59.69 ng

RT: 14.37 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

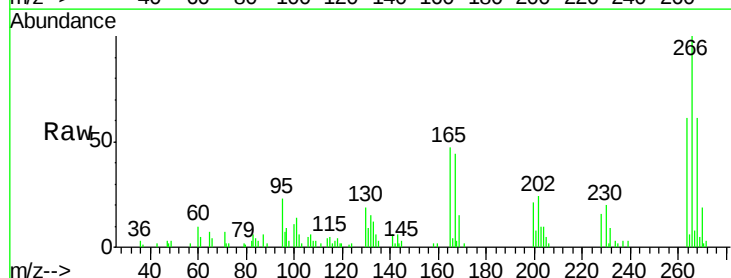
Tgt Ion:266 Resp: 48493

Ion Ratio Lower Upper

266 100

268 61.4 51.1 76.7

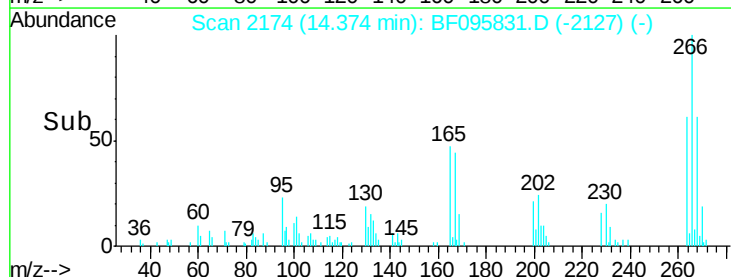
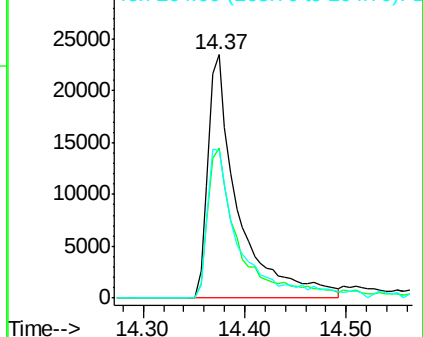
264 60.6 51.7 77.5

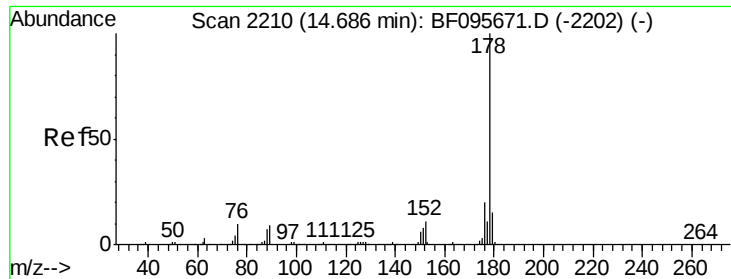


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

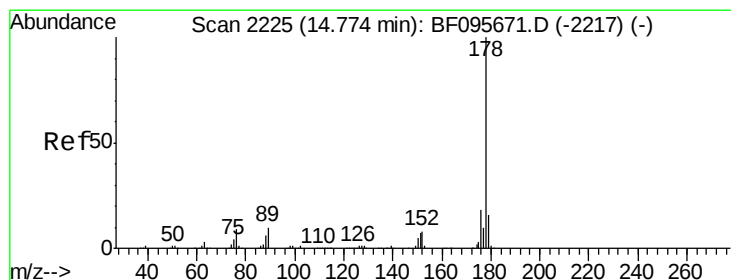
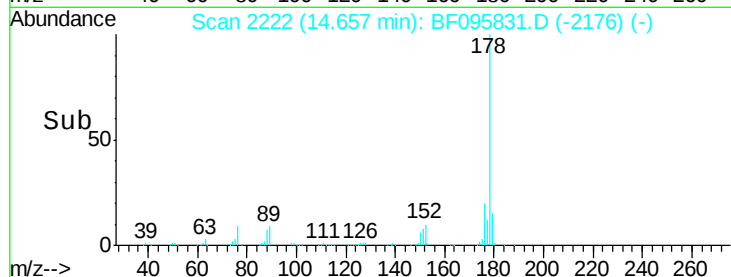
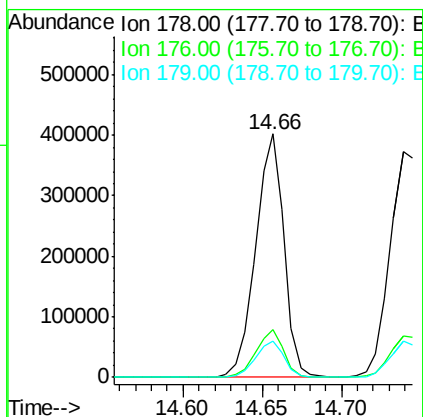
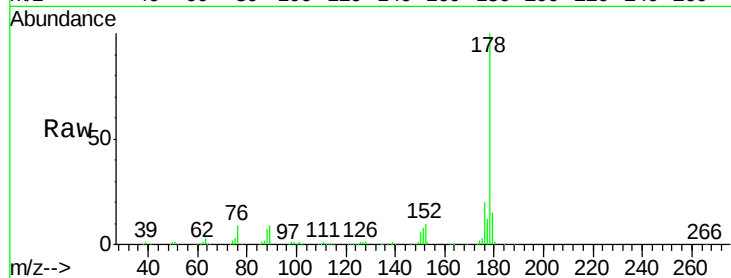




#70
Phenanthrene
Concen: 40.12 ng
RT: 14.66 min Scan# 2222
Delta R.T. -0.03 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

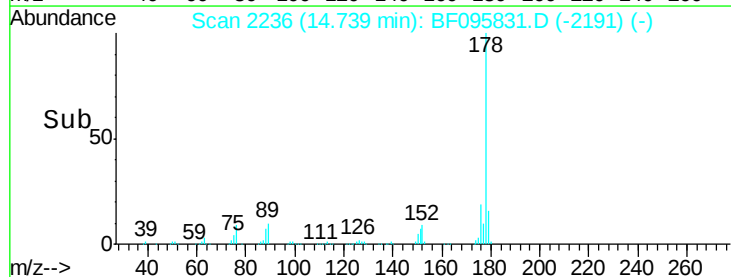
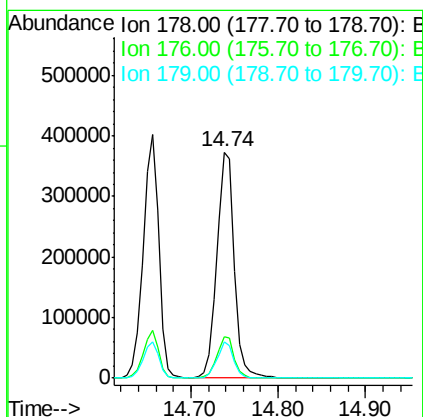
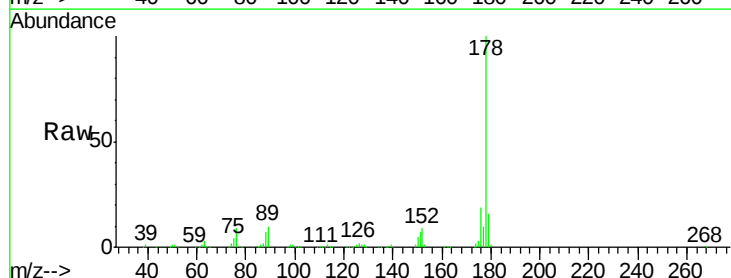
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

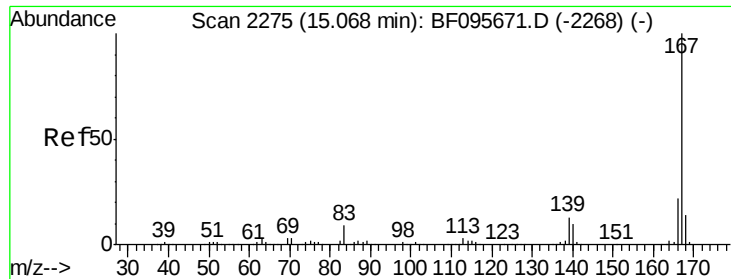
Tgt Ion:178 Resp: 499593
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.1 12.6 19.0



#71
Anthracene
Concen: 39.71 ng
RT: 14.74 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:178 Resp: 516188
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 15.9 12.7 19.1





#72

Carbazole

Concen: 39.29 ng

RT: 15.04 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

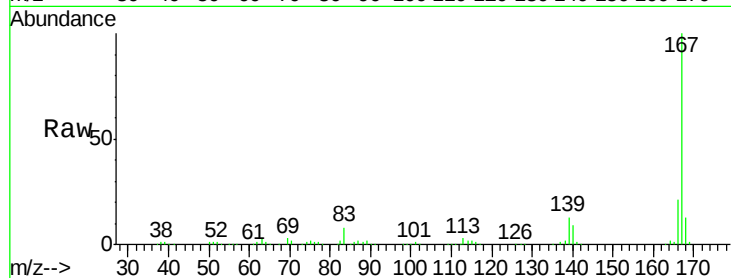
Tgt Ion:167 Resp: 497759

Ion Ratio Lower Upper

167 100

166 21.4 18.1 27.1

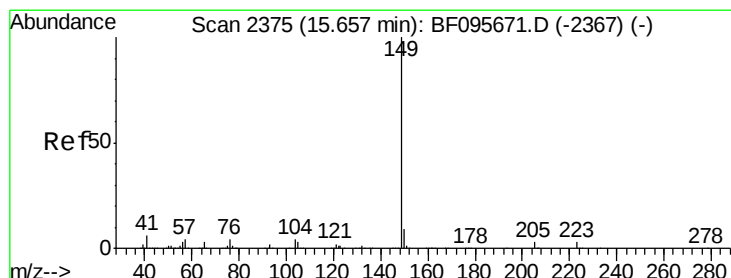
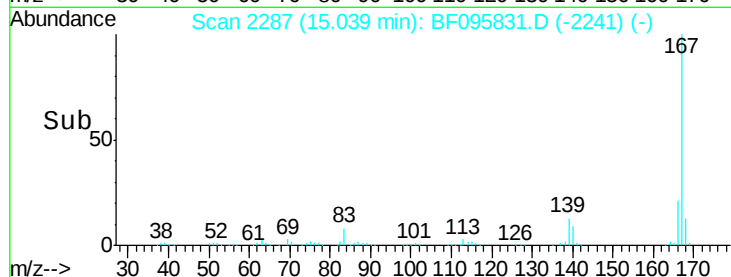
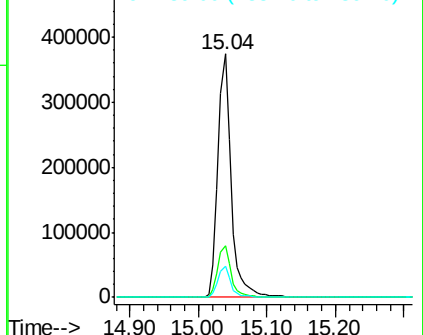
139 12.6 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.86 ng

RT: 15.63 min Scan# 2387

Delta R.T. -0.03 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

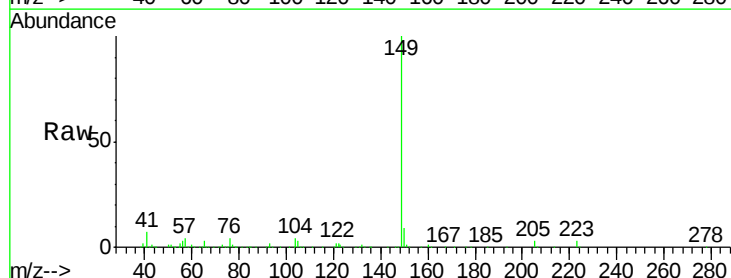
Tgt Ion:149 Resp: 537252

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

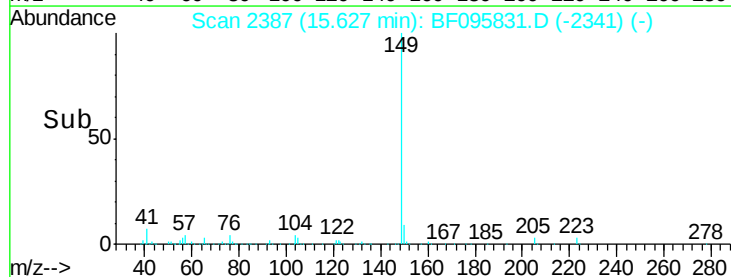
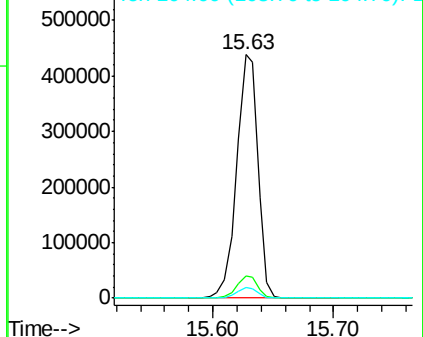
104 4.4 4.0 6.0

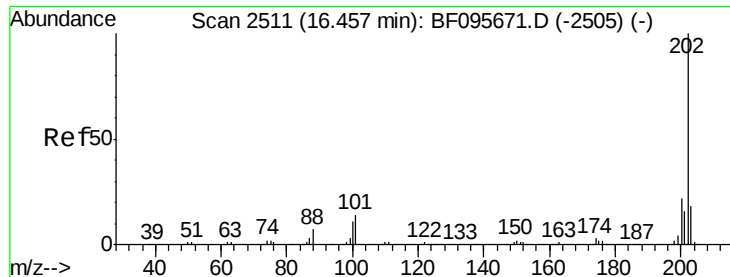


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

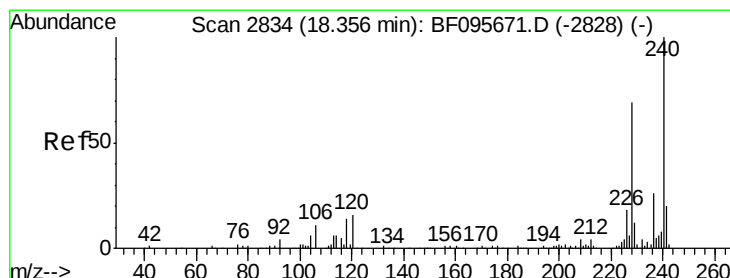
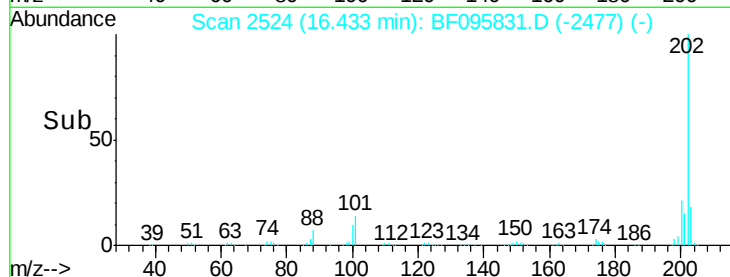
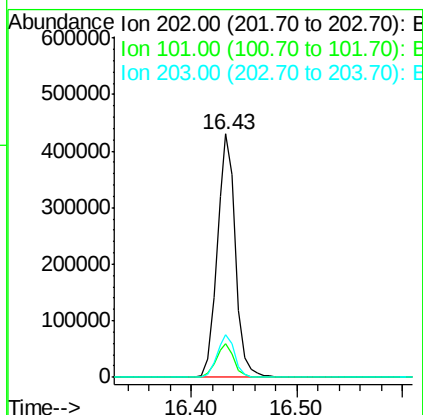
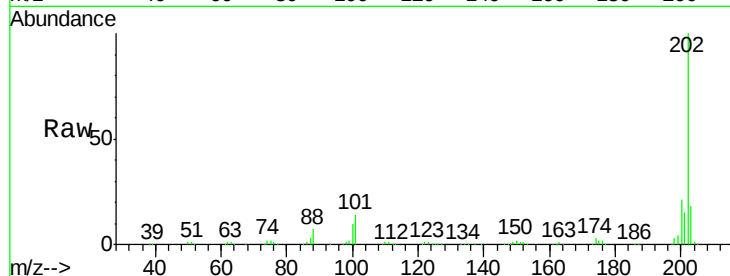




#74
Fluoranthene
Concen: 42.05 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

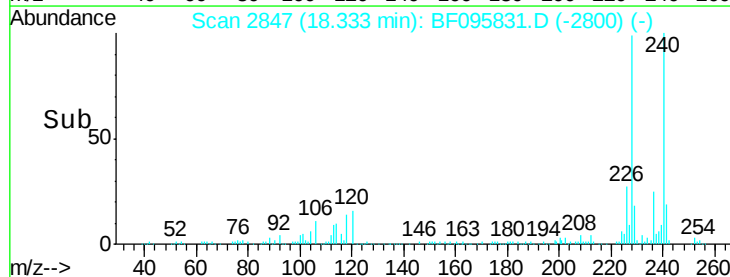
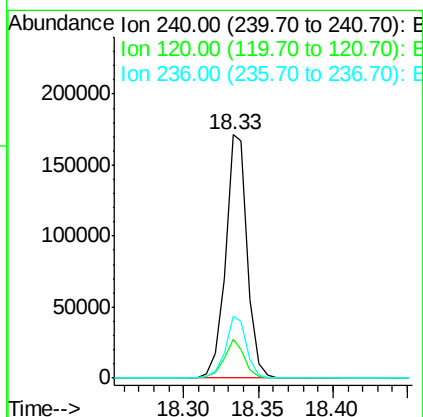
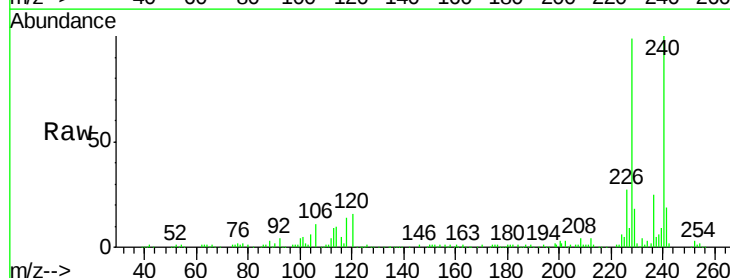
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

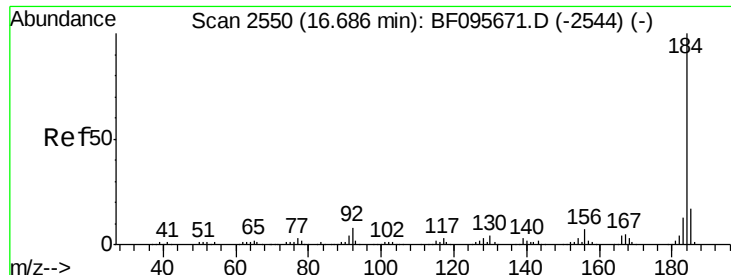
Tgt Ion: 202 Resp: 518287
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.6 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 240 Resp: 176189
Ion Ratio Lower Upper
240 100
120 16.1 5.8 8.8#
236 25.3 20.5 30.7

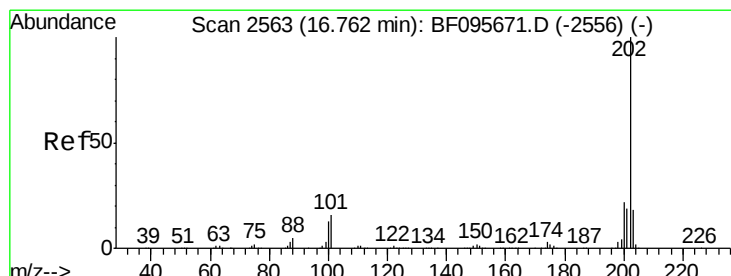
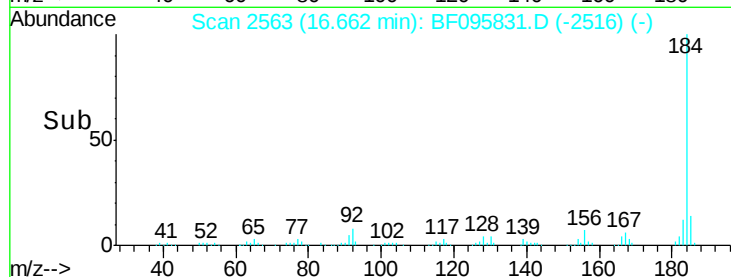
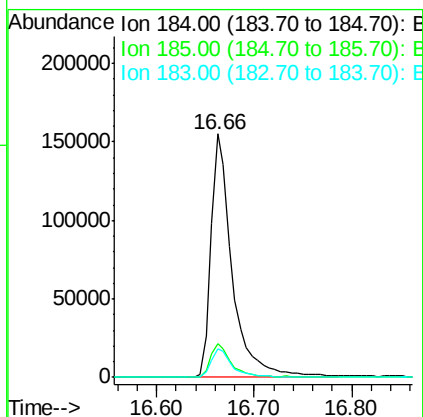
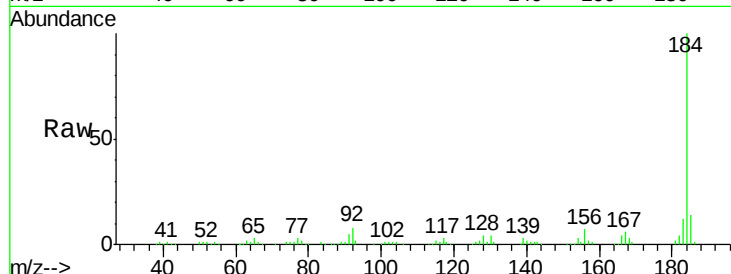




#76
Benzidine
Concen: 34.75 ng
RT: 16.66 min Scan# 2563
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

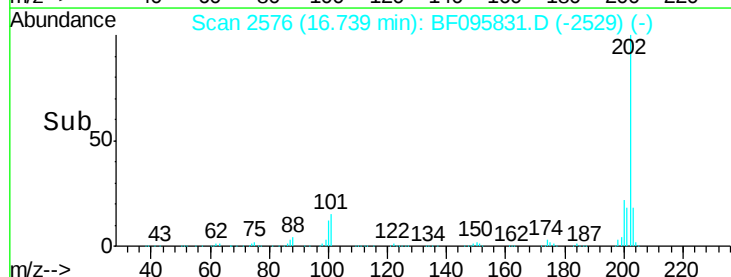
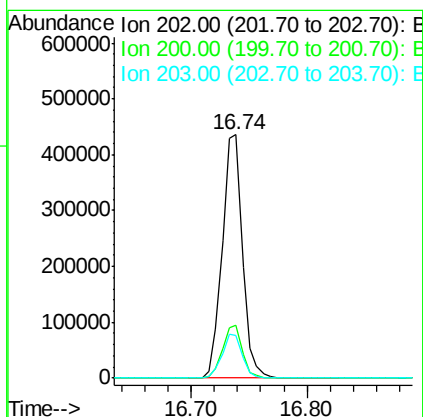
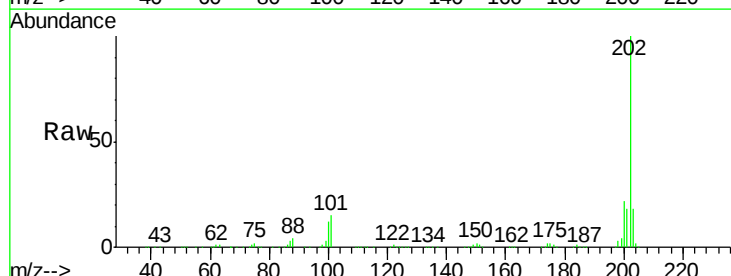
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

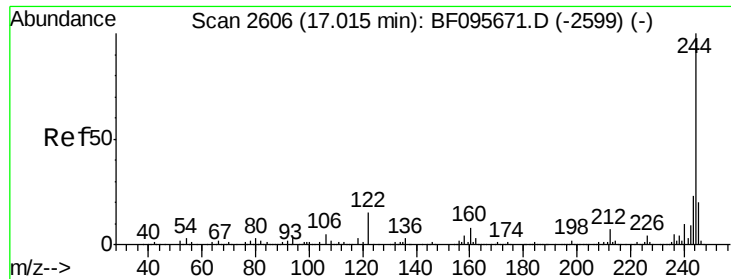
Tgt Ion:184 Resp: 235160
Ion Ratio Lower Upper
184 100
185 13.8 15.5 23.3#
183 11.9 9.8 14.6



#77
Pyrene
Concen: 40.29 ng
RT: 16.74 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:202 Resp: 529734
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.8 14.4 21.6

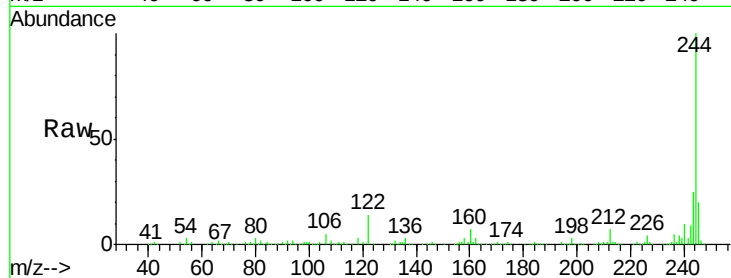




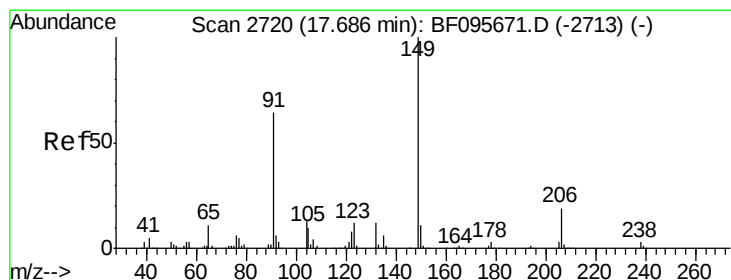
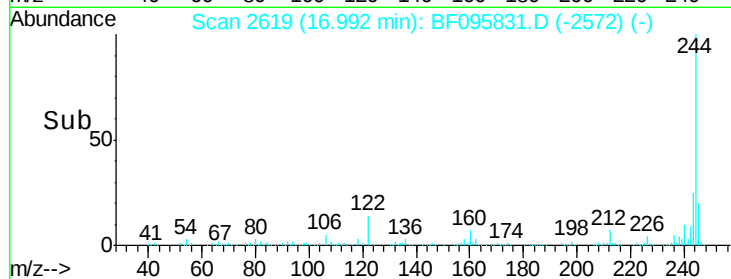
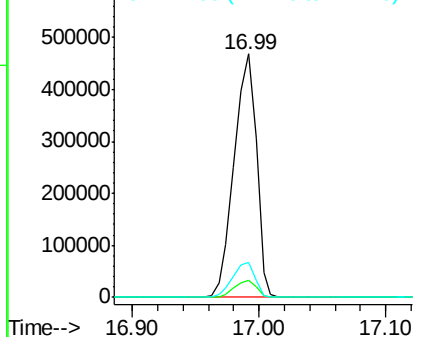
#78
 Terphenyl-d14
 Concen: 80.25 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MSD

Tgt Ion:244 Resp: 569725
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.5 10.3 15.5

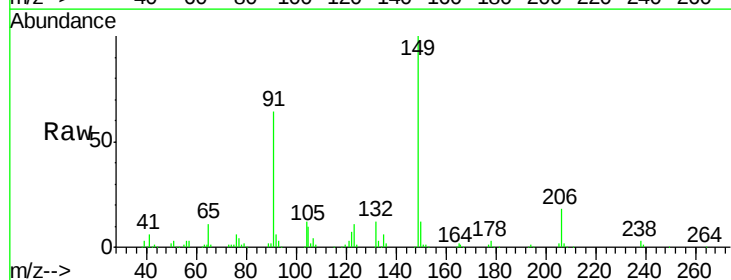


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

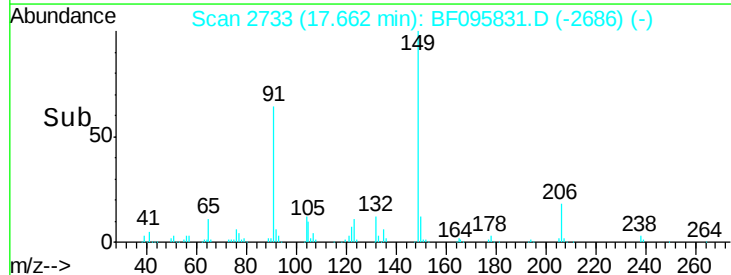
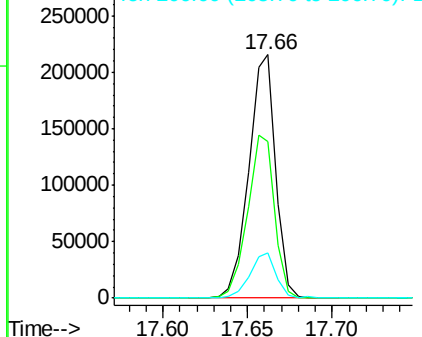


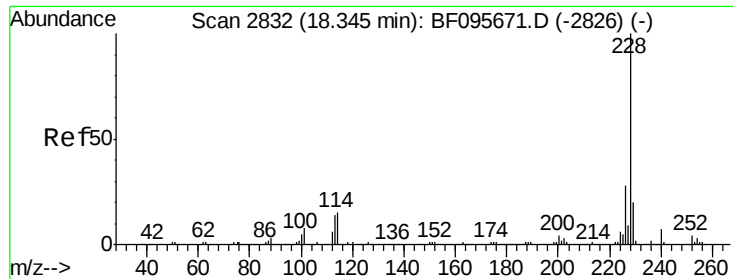
#79
 Butylbenzylphthalate
 Concen: 41.50 ng
 RT: 17.66 min Scan# 2733
 Delta R.T. -0.02 min
 Lab File: BF095831.D
 Acq: 9 Jun 2017 20:25

Tgt Ion:149 Resp: 238295
 Ion Ratio Lower Upper
 149 100
 91 64.5 45.0 67.4
 206 18.5 17.0 25.6



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





#80

Benzo(a)anthracene

Concen: 40.23 ng

RT: 18.33 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

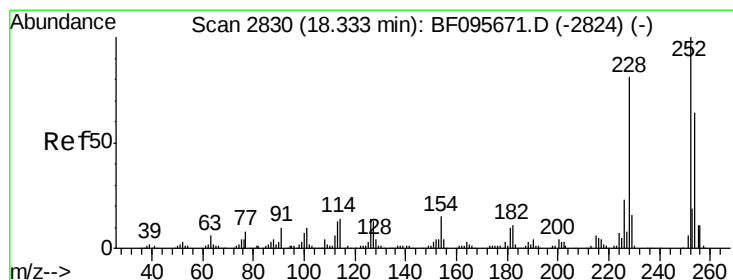
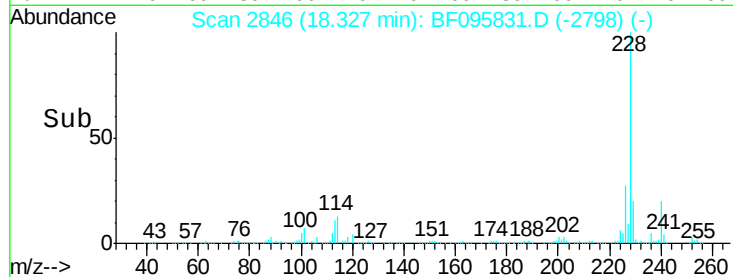
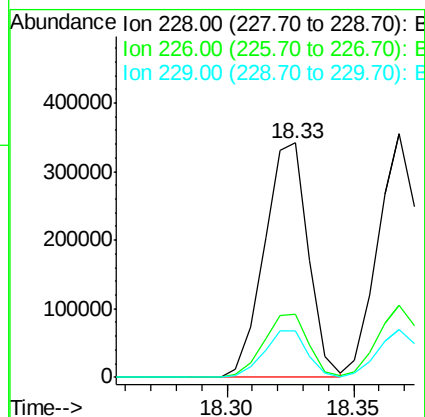
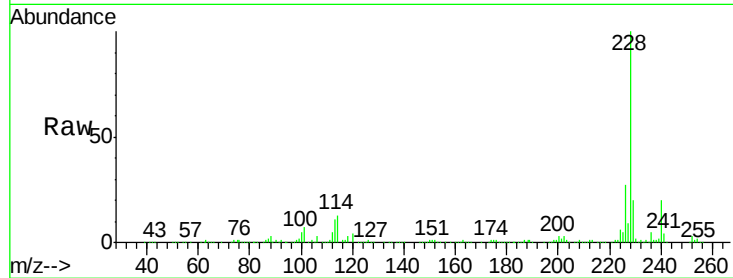
Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

Tgt Ion:	228	Resp:	412152
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	33.8
229	19.6	16.3	24.5



#81

3,3'-Dichlorobenzidine

Concen: 32.56 ng

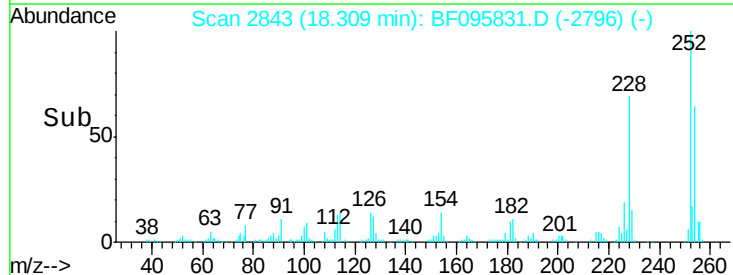
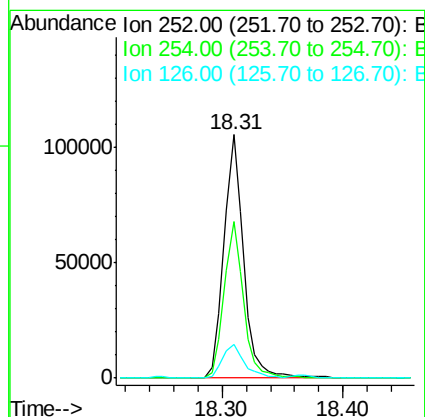
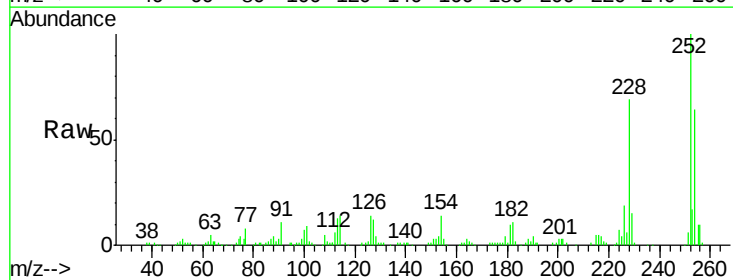
RT: 18.31 min Scan# 2843

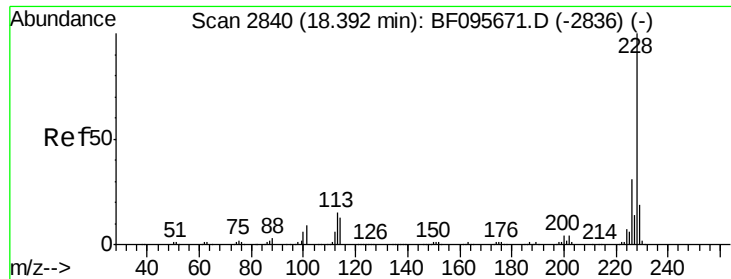
Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Tgt Ion:	252	Resp:	118586
Ion Ratio	Lower	Upper	
252	100		
254	64.1	51.5	77.3
126	14.0	15.8	23.8





#82

Chrysene

Concen: 38.93 ng

RT: 18.37 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

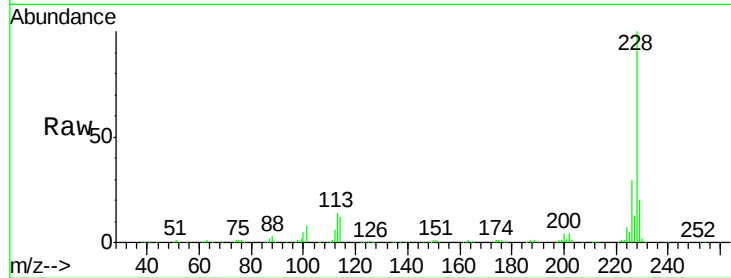
Tgt Ion:228 Resp: 398574

Ion Ratio Lower Upper

228 100

226 29.7 24.9 37.3

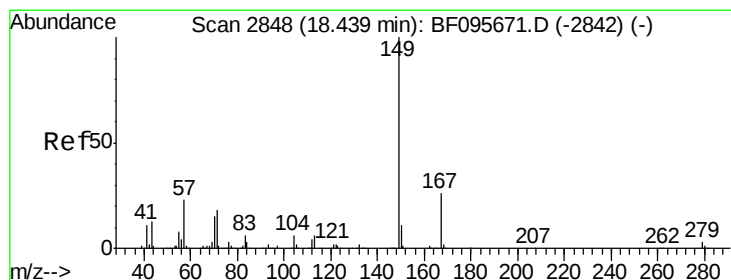
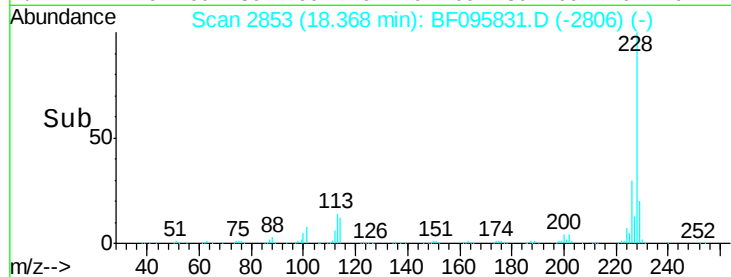
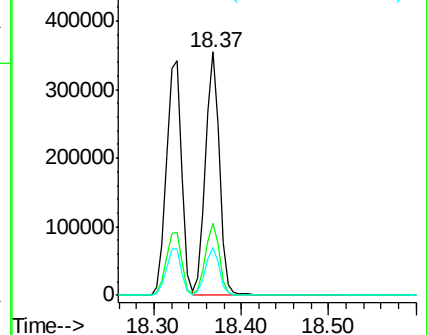
229 19.6 15.8 23.6



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: 40.65 ng

RT: 18.41 min Scan# 2860

Delta R.T. -0.03 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

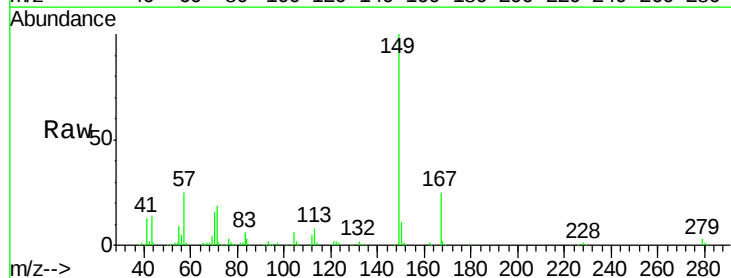
Tgt Ion:149 Resp: 329189

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.4

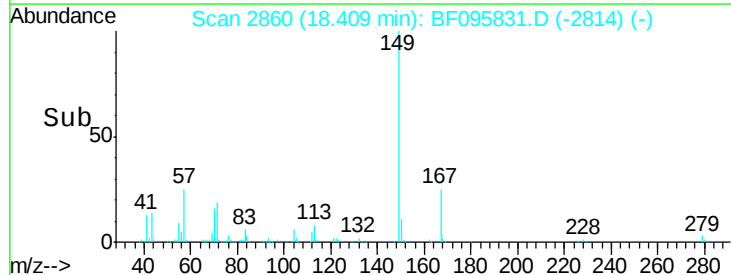
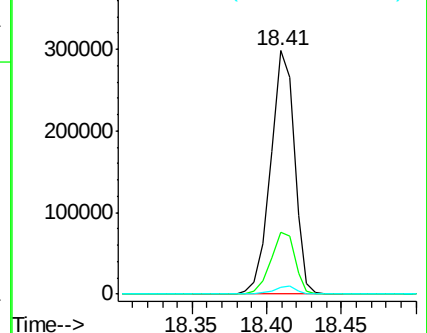
279 2.9 1.9 2.9#

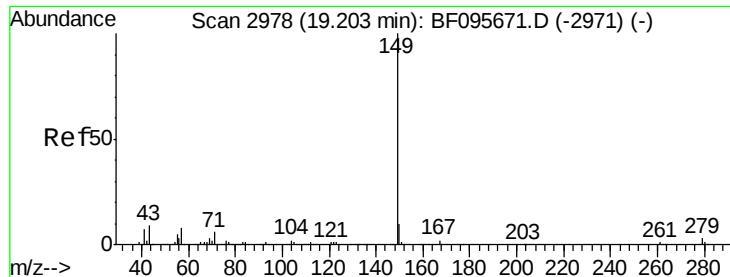


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

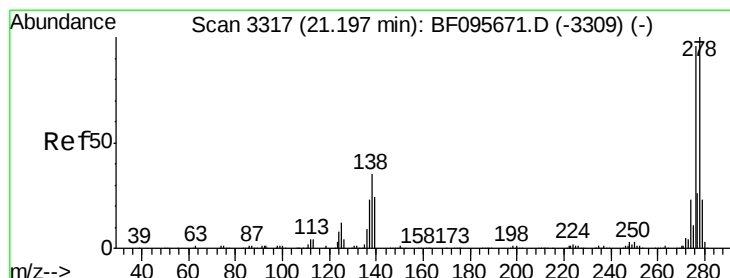
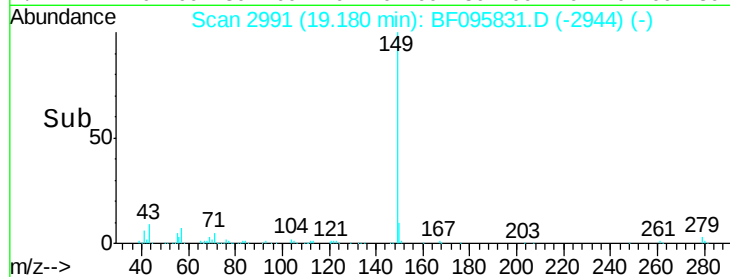
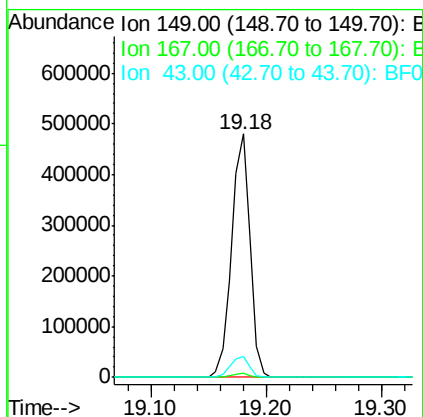
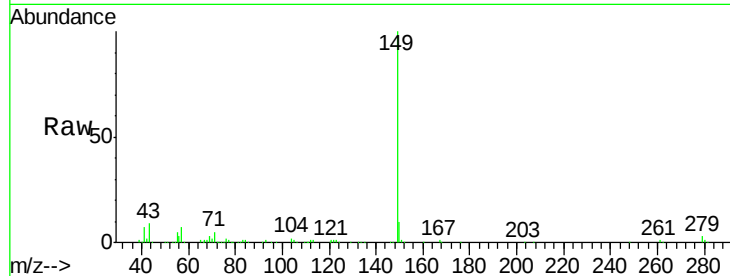




#84
Di-n-octyl phthalate
Concen: 39.46 ng
RT: 19.18 min Scan# 2991
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

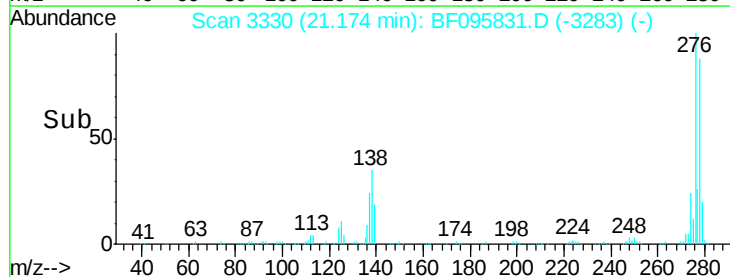
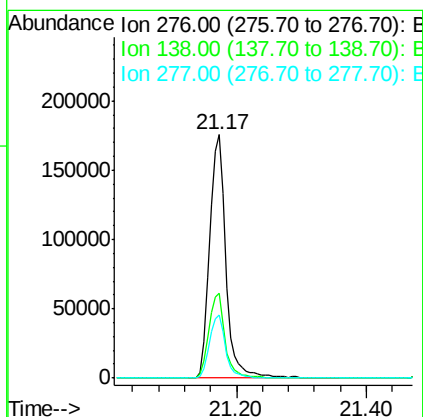
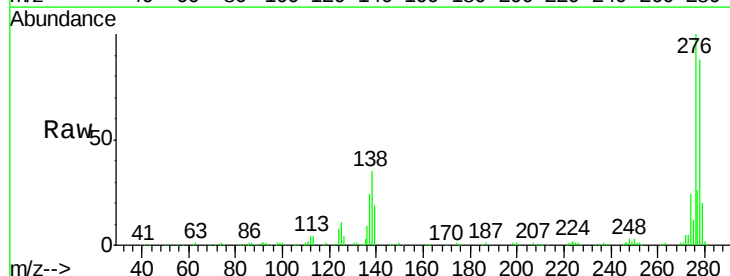
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

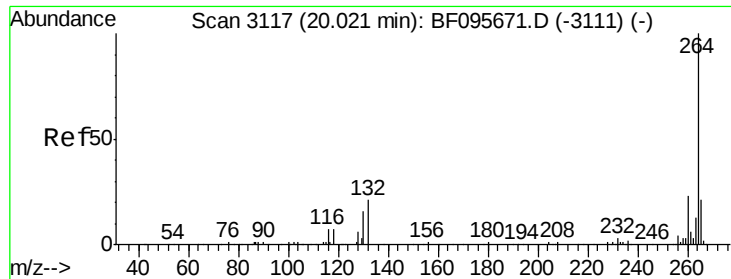
Tgt Ion:149 Resp: 526640
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.6 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 34.65 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion:276 Resp: 303506
Ion Ratio Lower Upper
276 100
138 34.9 27.8 41.6
277 25.4 20.2 30.4



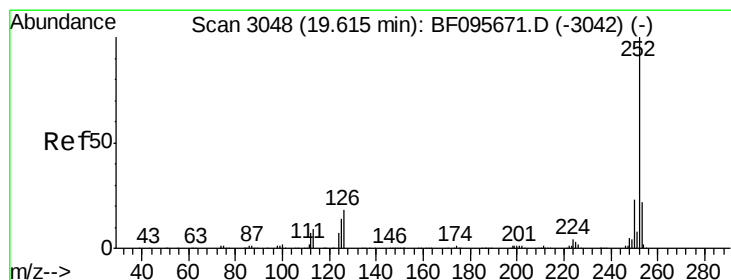
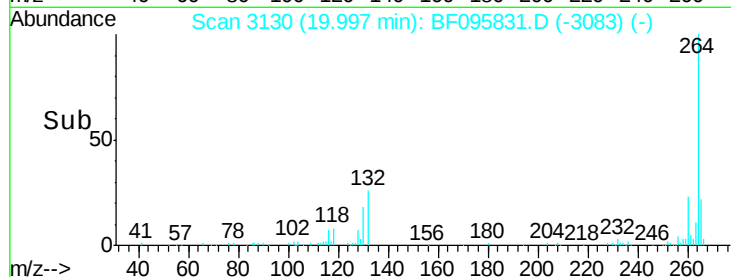
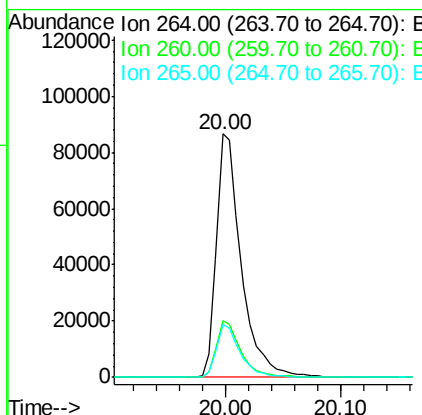
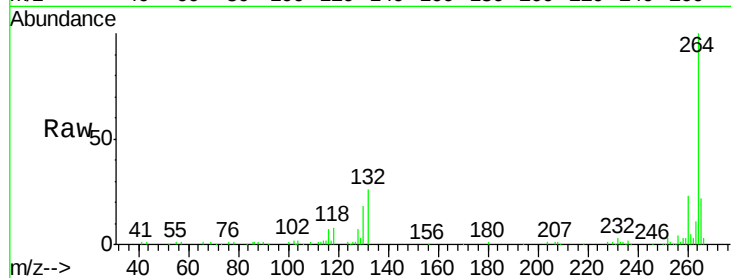


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

Tgt Ion: 264 Resp: 128771

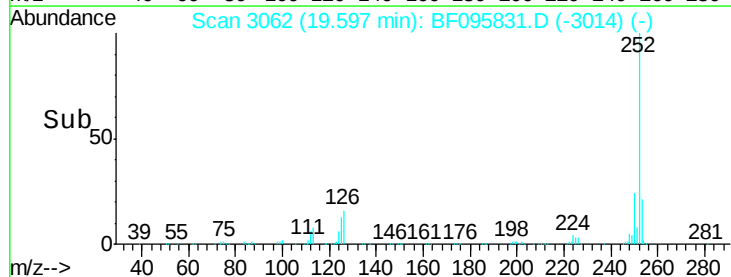
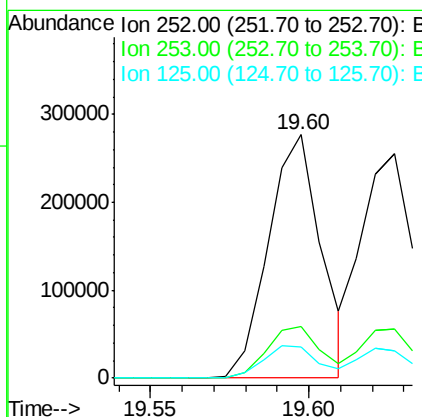
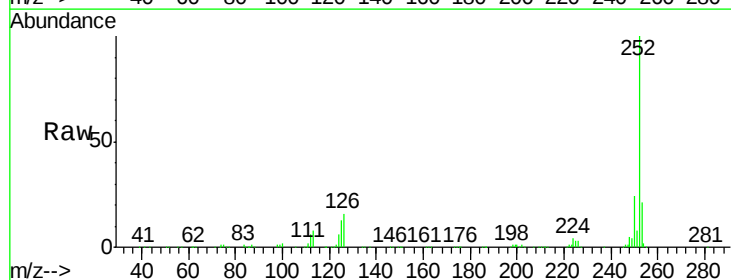
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.8	17.2	25.8

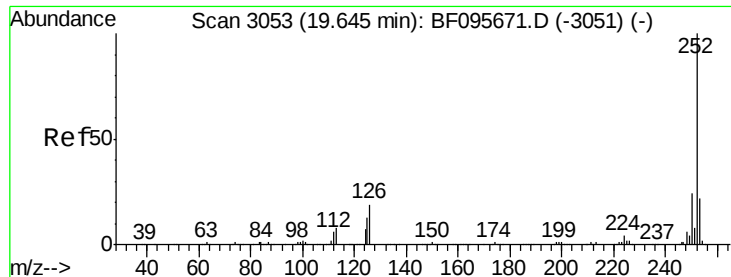


#87
Benzo(b)fluoranthene
Concen: 39.76 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 252 Resp: 320582

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	12.8	9.8	14.8

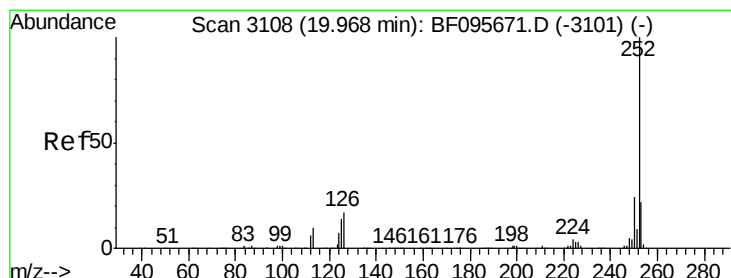
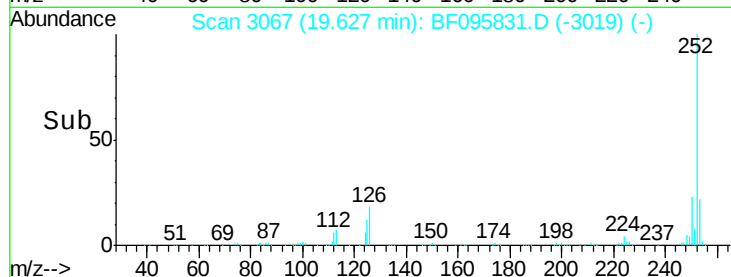
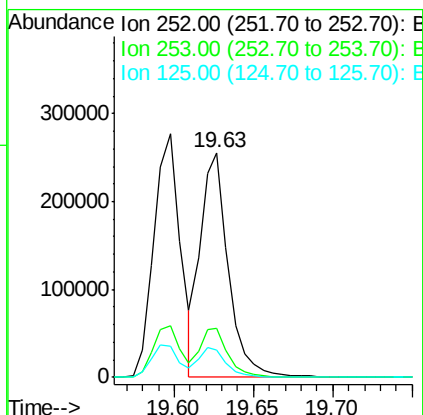
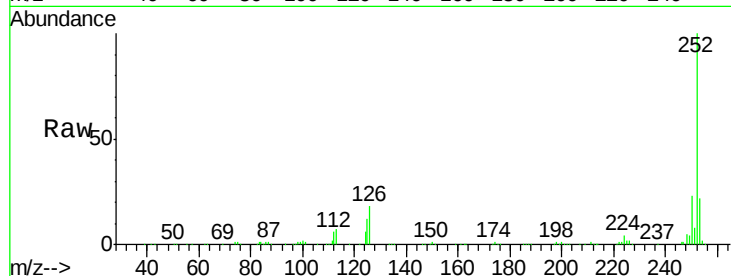




#88
Benzo(k)fluoranthene
Concen: 40.70 ng
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

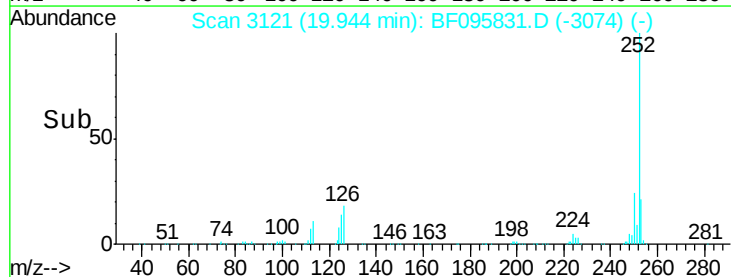
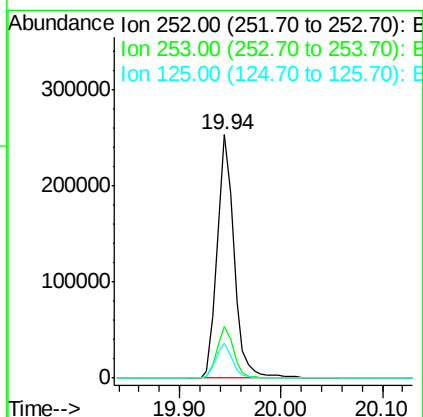
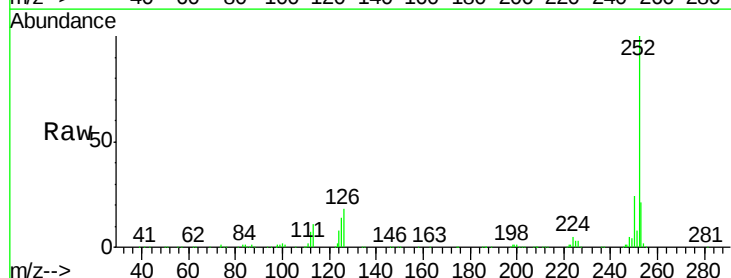
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MSD

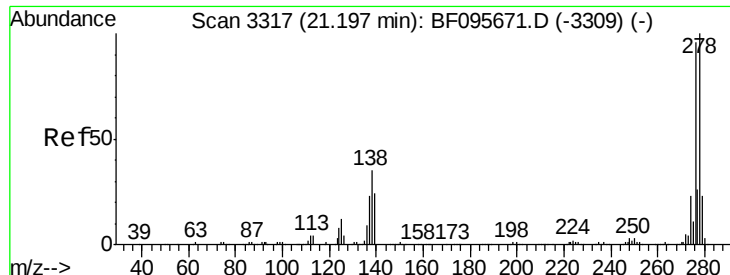
Tgt Ion: 252 Resp: 313677
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 12.4 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 39.86 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095831.D
Acq: 9 Jun 2017 20:25

Tgt Ion: 252 Resp: 295373
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 14.3 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 40.62 ng

RT: 21.17 min Scan# 3330

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MSD

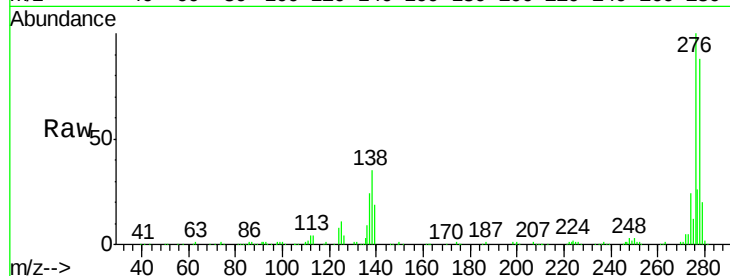
Tgt Ion: 278 Resp: 255371

Ion Ratio Lower Upper

278 100

139 21.2 16.6 24.8

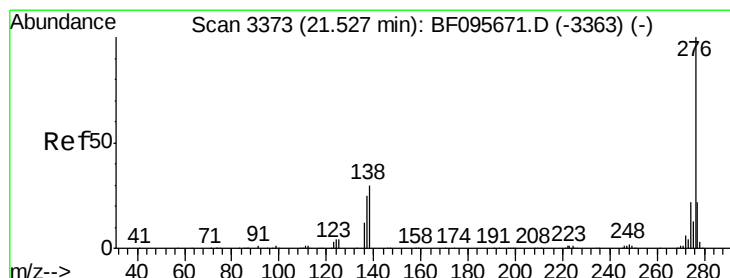
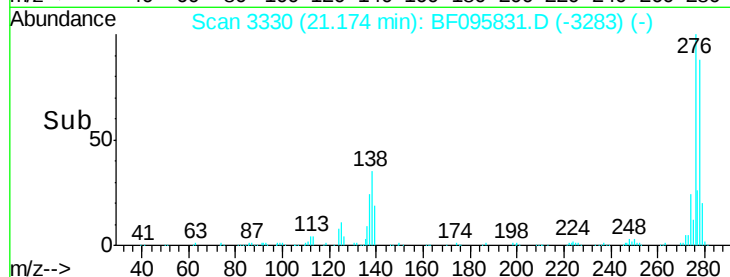
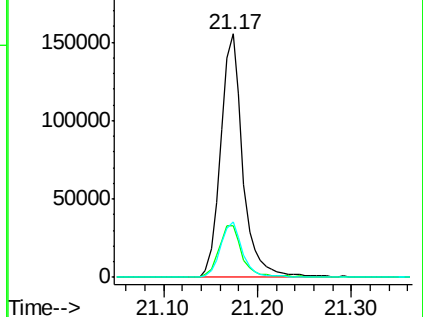
279 23.0 19.3 28.9



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(g,h,i)perylene

Concen: 41.44 ng

RT: 21.50 min Scan# 3386

Delta R.T. -0.02 min

Lab File: BF095831.D

Acq: 9 Jun 2017 20:25

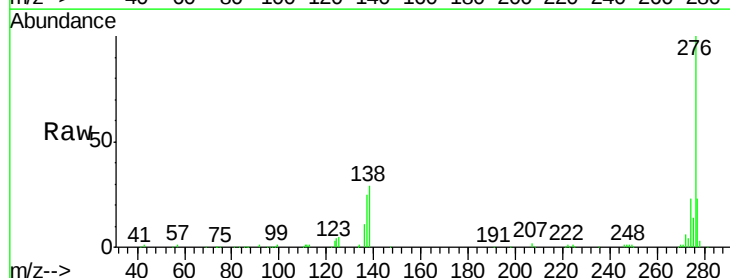
Tgt Ion: 276 Resp: 265618

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 29.1 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

