

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095288.D
 Acq On : 20 May 2017 6:12
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 07:11:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	110341	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	430350	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	172171	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	246877	20.00	ng	0.00
75) Chrysene-d12	18.69	240	232048	20.00	ng	0.00
86) Perylene-d12	20.36	264	174751	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	555177	83.89	ng	-0.02
7) Phenol-d6	7.31	99	671478	84.56	ng	0.00
23) Nitrobenzene-d5	8.67	82	572813	83.93	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	103249	73.22	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1067722	89.26	ng	0.00
78) Terphenyl-d14	17.34	244	723820	68.70	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.19	88	114146	35.17	ng	93
3) Pyridine	2.88	79	271904	36.14	ng	97
4) n-Nitrosodimethylamine	2.81	42	96928	30.91	ng	# 77
6) Aniline	7.27	93	442548	44.14	ng	95
8) 2-Chlorophenol	7.45	128	322047	42.75	ng	96
9) Benzaldehyde	7.08	77	187923	38.76	ng	99
10) Phenol	7.32	94	317460	37.94	ng	88
11) bis(2-Chloroethyl)ether	7.40	93	282830	40.94	ng	96
12) 1,3-Dichlorobenzene	7.67	146	342864	40.12	ng	98
13) 1,4-Dichlorobenzene	7.79	146	350213	40.41	ng	98
14) 1,2-Dichlorobenzene	8.02	146	337828	41.76	ng	96
15) Benzyl Alcohol	8.05	79	214354	41.97	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	386419	39.52	ng	53
17) 2-Methylphenol	8.25	107	254039	41.21	ng	94
18) Hexachloroethane	8.54	117	107386	36.58	ng	# 87
19) n-Nitroso-di-n-propylamine	8.47	70	216397	40.29	ng	94
20) 3+4-Methylphenols	8.52	107	336408	40.16	ng	# 60
22) Acetophenone	8.44	105	423334	41.00	ng	# 83
24) Nitrobenzene	8.70	77	294300	41.14	ng	94
25) Isophorone	9.10	82	522330	42.86	ng	# 94
26) 2-Nitrophenol	9.20	139	156768	40.61	ng	97
27) 2,4-Dimethylphenol	9.34	122	263223	42.18	ng	97
28) bis(2-Chloroethoxy)methane	9.46	93	357495	42.41	ng	100
29) 2,4-Dichlorophenol	9.62	162	248626	42.19	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	256064	40.56	ng	99
31) Naphthalene	9.81	128	870525	40.25	ng	100
32) Benzoic acid	9.65	122	119652	31.19	ng	94
33) 4-Chloroaniline	9.95	127	346669	43.01	ng	# 94
34) Hexachlorobutadiene	10.03	225	126450	37.96	ng	99
35) Caprolactam	10.59	113	51901	29.33	ng	# 85
36) 4-Chloro-3-methylphenol	10.81	107	253270	40.20	ng	89
37) 2-Methylnaphthalene	10.94	142	570460	40.19	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	233694	44.14	ng	97
40) Hexachlorocyclopentadiene	11.19	237	11144	10.68	ng	95

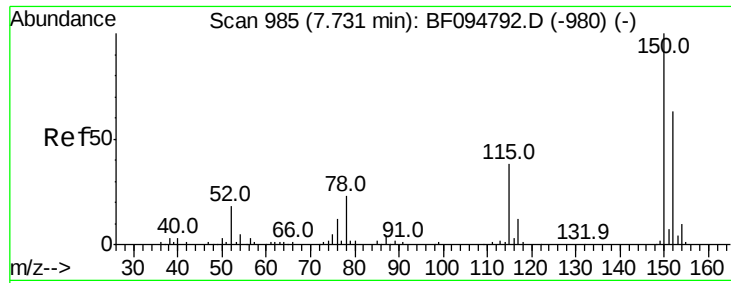
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095288.D
 Acq On : 20 May 2017 6:12
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Quant Time: May 20 07:11:33 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	161952	45.81	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	154127	40.56	nq	94
45) 1,1'-Biphenyl	11.71	154	654009	45.12	nq	99
46) 2-Chloronaphthalene	11.72	162	492882	42.11	nq	97
47) 2-Nitroaniline	11.94	65	139373	43.50	nq	# 78
48) Acenaphthylene	12.38	152	760682	41.49	nq	99
49) Dimethylphthalate	12.25	163	596790	42.22	nq	99
50) 2,6-Dinitrotoluene	12.35	165	121644	42.19	nq	94
51) Acenaphthene	12.67	154	436832	39.89	nq	100
52) 3-Nitroaniline	12.62	138	132016	42.66	nq	89
53) 2,4-Dinitrophenol	12.89	184	7676	10.70	nq	# 62
54) Dibenzofuran	12.95	168	621831	41.04	nq	98
55) 4-Nitrophenol	13.05	139	54527	29.33	nq	# 74
56) 2,4-Dinitrotoluene	13.02	165	140262	37.85	nq	94
57) Fluorene	13.51	166	507024	38.48	nq	97
58) 2,3,4,6-Tetrachlorophenol	13.20	232	92611	38.73	nq	# 96
59) Diethylphthalate	13.40	149	578471	42.70	nq	99
60) 4-Chlorophenyl-phenylether	13.53	204	239676	41.39	nq	90
61) 4-Nitroaniline	13.62	138	98402	34.63	nq	97
62) Azobenzene	13.79	77	422807	38.84	nq	93
64) 4,6-Dinitro-2-methylphenol	13.70	198	21026	12.70	nq	# 67
65) n-Nitrosodiphenylamine	13.74	169	430194	48.01	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	127822	49.01	nq	98
67) Hexachlorobenzene	14.41	284	115701	43.28	nq	# 88
68) Atrazine	14.66	200	111986	44.27	nq	94
69) Pentachlorophenol	14.77	266	66955	57.20	nq	95
70) Phenanthrene	15.05	178	581262	40.98	nq	98
71) Anthracene	15.14	178	590935	40.78	nq	99
72) Carbazole	15.42	167	530974	40.28	nq	97
73) Di-n-butylphthalate	15.98	149	791520	48.14	nq	98
74) Fluoranthene	16.79	202	590219	40.56	nq	98
76) Benzidine	17.02	184	661147	97.48	nq	# 94
77) Pyrene	17.10	202	603952	34.80	nq	98
79) Butylbenzylphthalate	17.99	149	287335	35.60	nq	# 86
80) Benzo(a)anthracene	18.68	228	524954	38.87	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	189426	40.61	nq	# 96
82) Chrysene	18.72	228	523492	40.09	nq	99
83) Bis(2-ethylhexyl)phthalate	18.74	149	392350	34.11	nq	# 96
84) Di-n-octyl phthalate	19.51	149	723717	38.38	nq	95
85) Indeno(1,2,3-cd)pyrene	21.69	276	370861	34.97	nq	100
87) Benzo(b)fluoranthene	19.95	252	409085	37.88	nq	98
88) Benzo(k)fluoranthene	19.98	252	478917	45.98	nq	96
89) Benzo(a)pyrene	20.31	252	400894	40.23	nq	99
90) Dibenzo(a,h)anthracene	21.69	278	319750	38.86	nq	98
91) Benzo(g,h,i)perylene	22.08	276	313934	38.88	nq	97

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

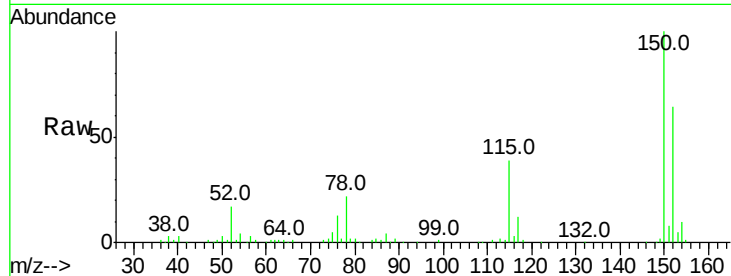


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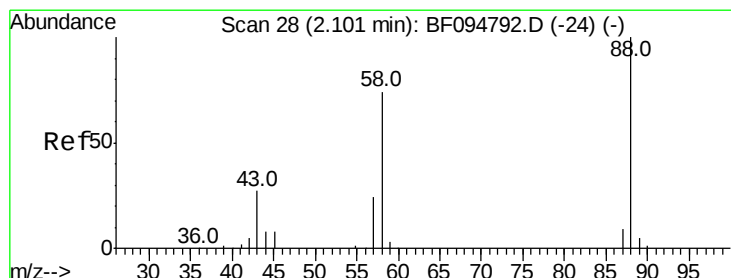
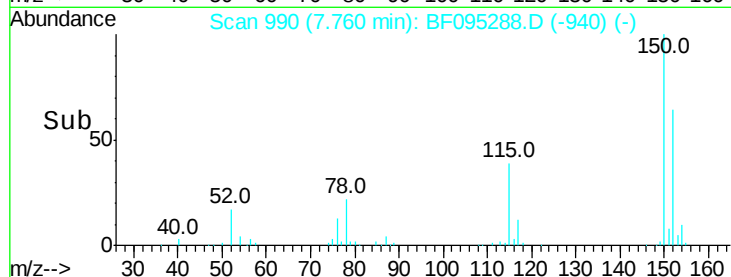
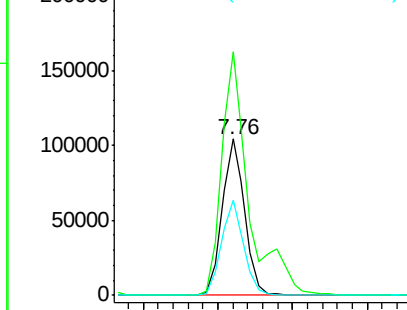
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110341
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 61.2 52.2 78.2



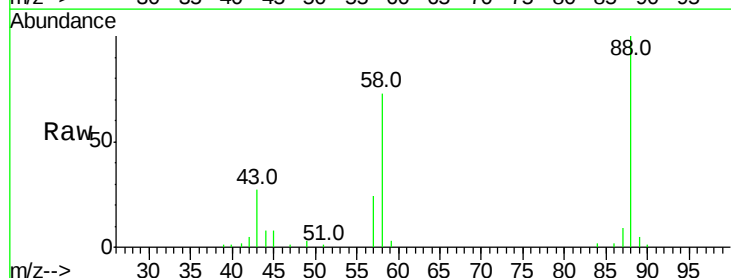
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



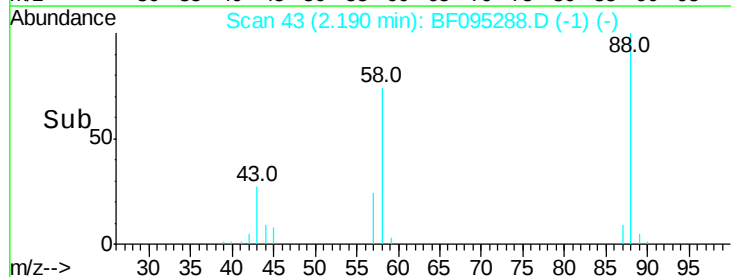
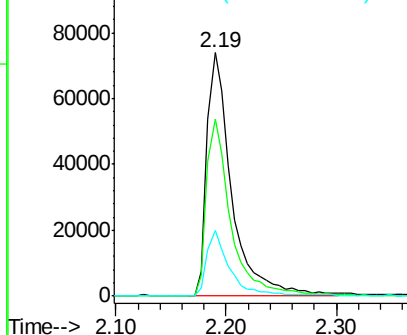
#2

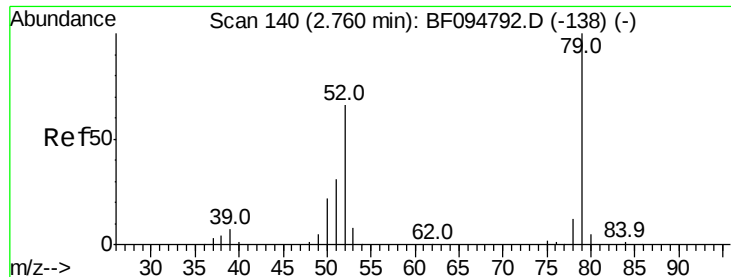
1,4-Dioxane
Concen: 35.17 ng
RT: 2.19 min Scan# 43
Delta R.T. -0.04 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion: 88 Resp: 114146
Ion Ratio Lower Upper
88 100
58 71.3 61.4 92.0
43 25.3 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.14 ng

RT: 2.88 min Scan# 161

Delta R.T. -0.04 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

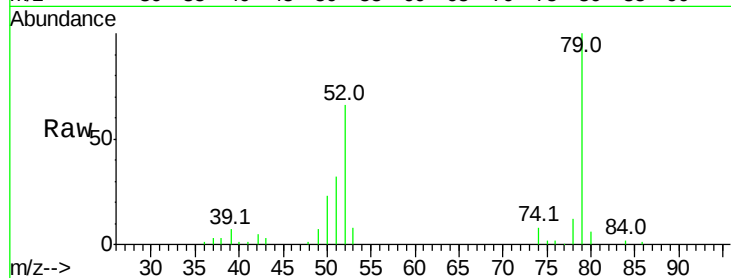
Tot Ion: 79 Resp: 271904

Ion Ratio Lower Upper

79 100

52 66.2 54.8 82.2

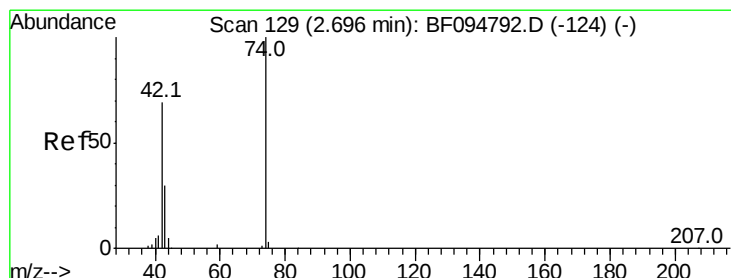
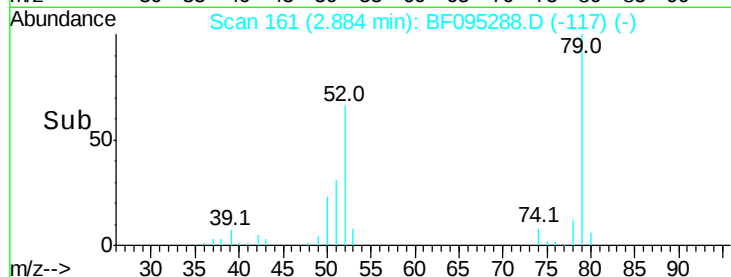
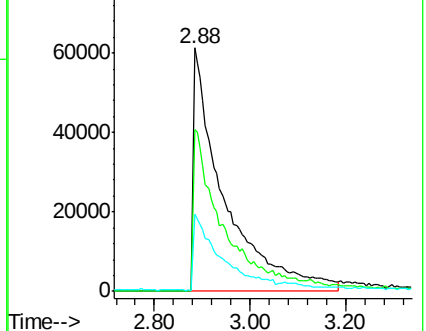
51 31.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 30.91 ng

RT: 2.81 min Scan# 149

Delta R.T. -0.04 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

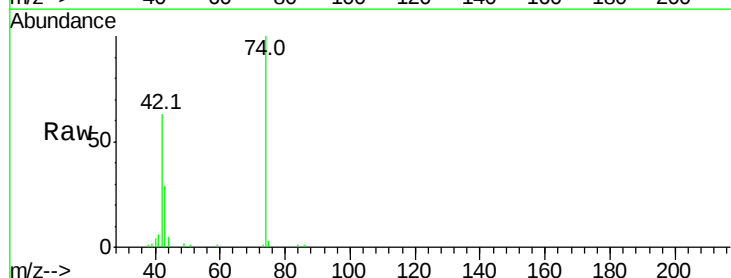
Tgt Ion: 42 Resp: 96928

Ion Ratio Lower Upper

42 100

74 157.9 103.9 155.9#

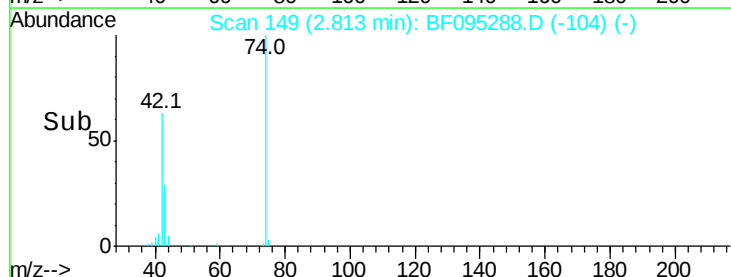
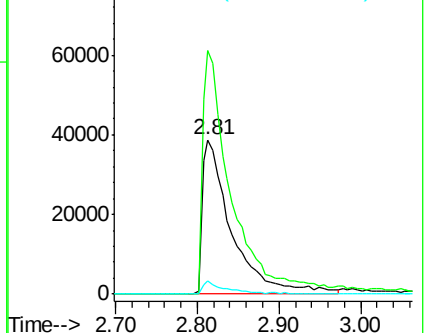
44 8.4 5.7 8.5

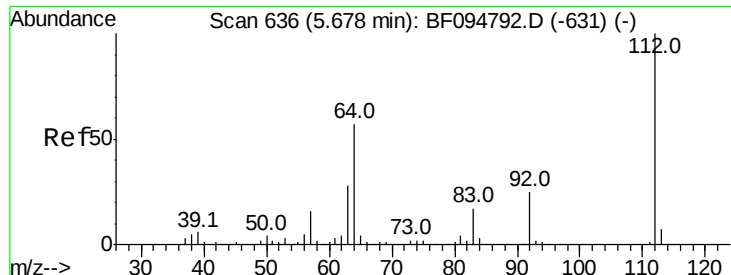


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.89 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampled :

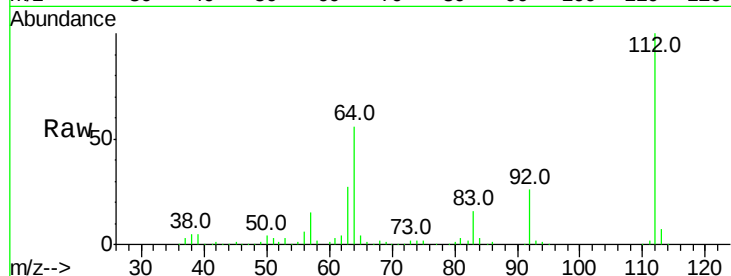
Tot Ion:112 Resp: 555177

Ion Ratio Lower Upper

112 100

64 55.6 46.0 69.0

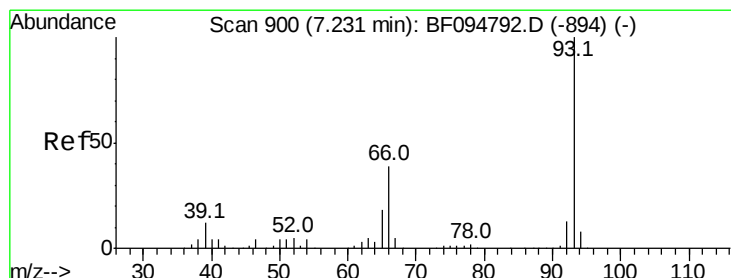
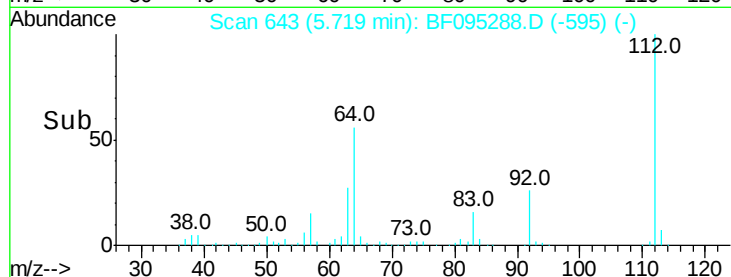
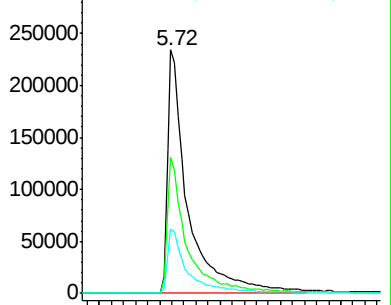
63 26.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.14 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

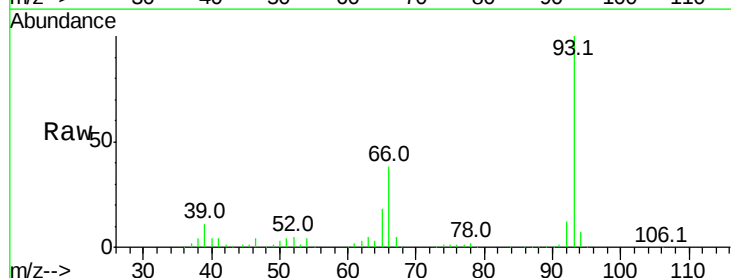
Tgt Ion: 93 Resp: 442548

Ion Ratio Lower Upper

93 100

66 37.9 32.9 49.3

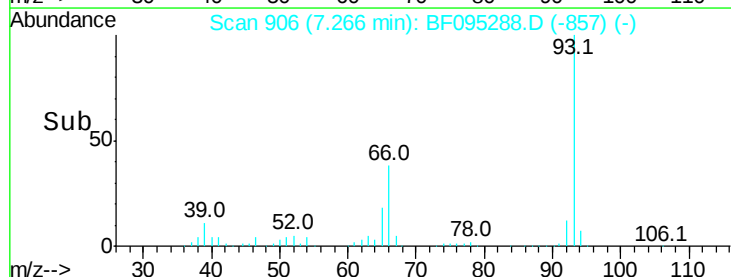
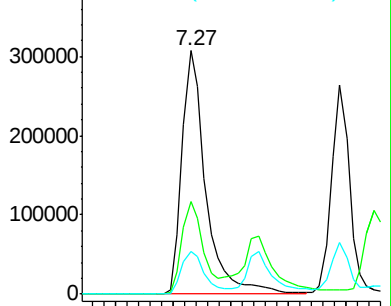
65 17.8 16.0 24.0

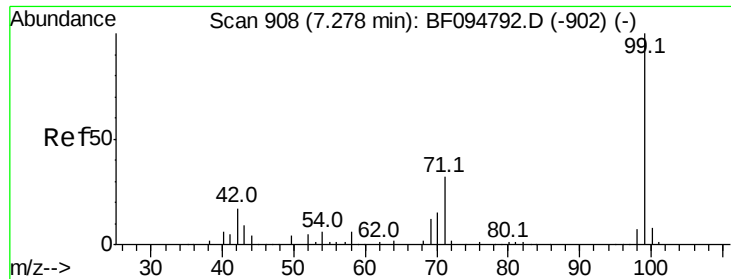


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.56 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampled :

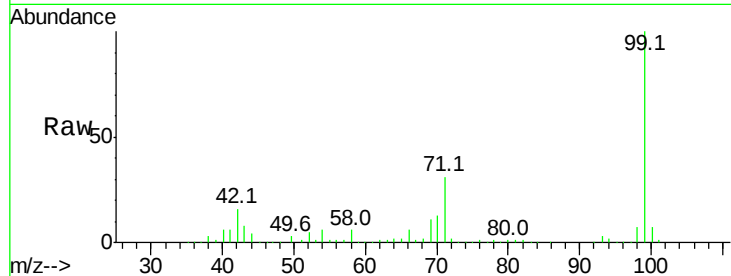
Tot Ion: 99 Resp: 671478

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

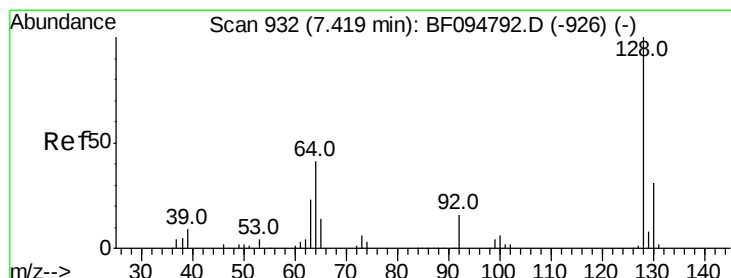
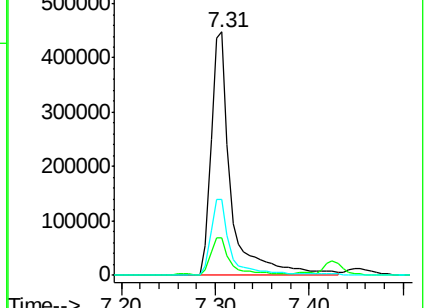
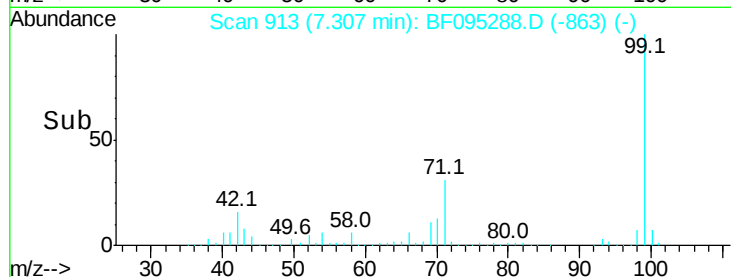
71 31.1 24.5 36.7



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: 42.75 ng

RT: 7.45 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

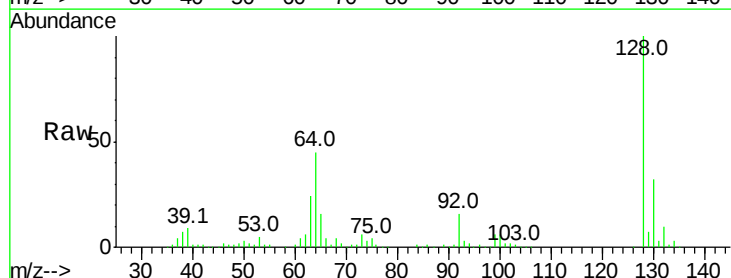
Tgt Ion: 128 Resp: 322047

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

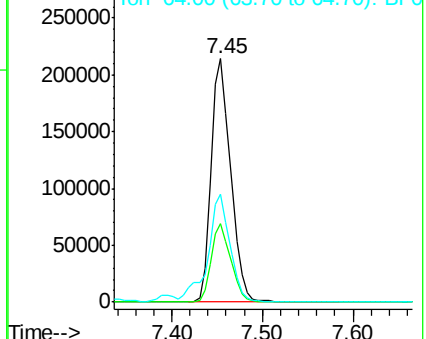
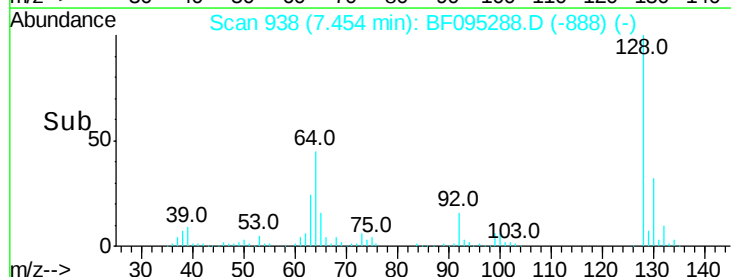
64 44.5 28.4 68.4

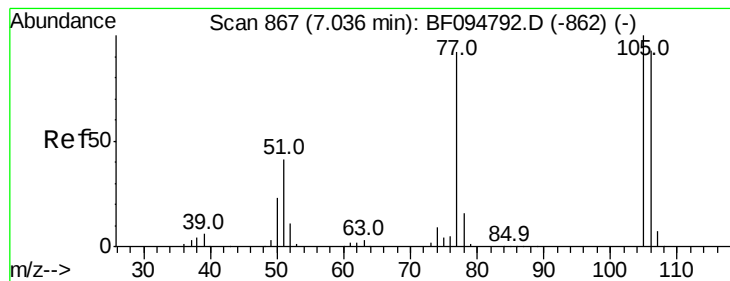


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.76 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampled :

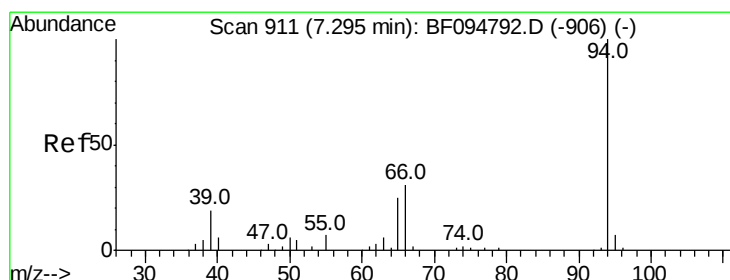
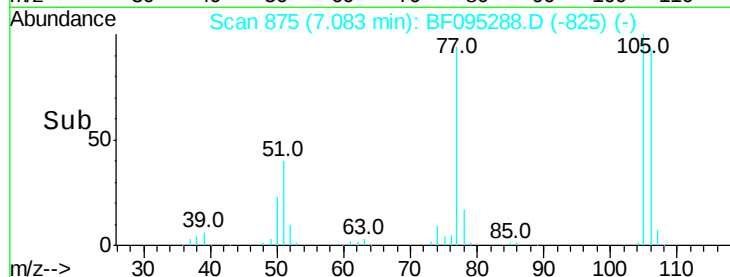
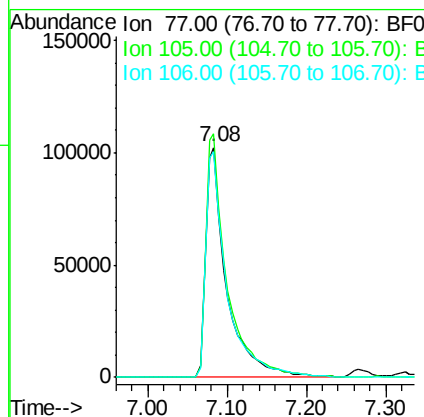
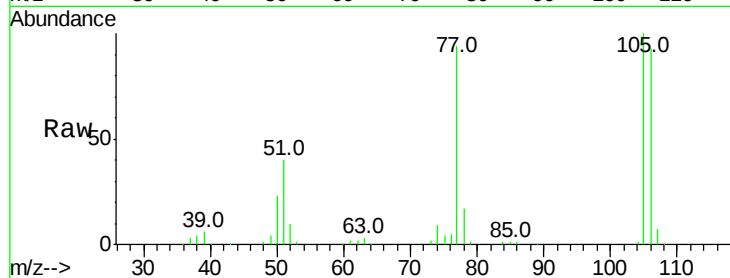
Tot Ion: 77 Resp: 187923

Ion Ratio Lower Upper

77 100

105 106.1 83.8 123.8

106 98.5 79.1 119.1



#10

Phenol

Concen: 37.94 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

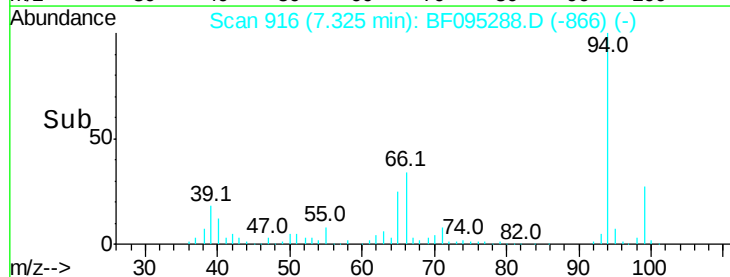
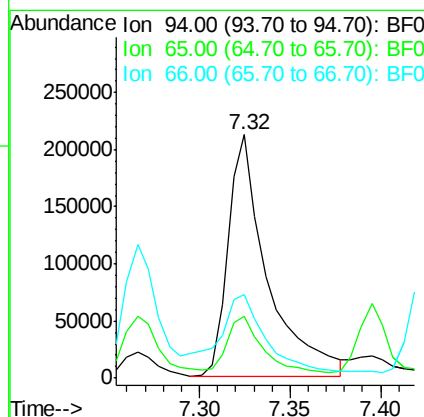
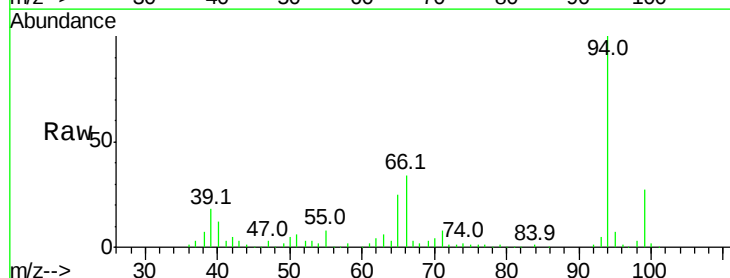
Tgt Ion: 94 Resp: 317460

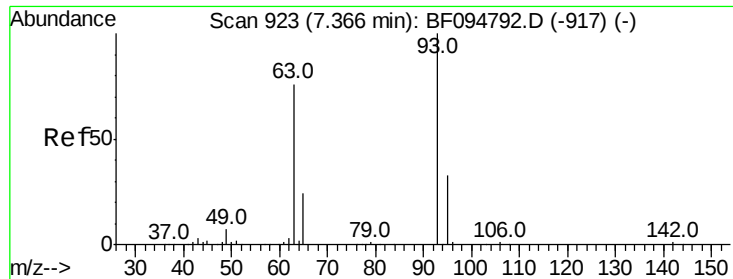
Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

66 34.4 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.94 ng

RT: 7.40 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

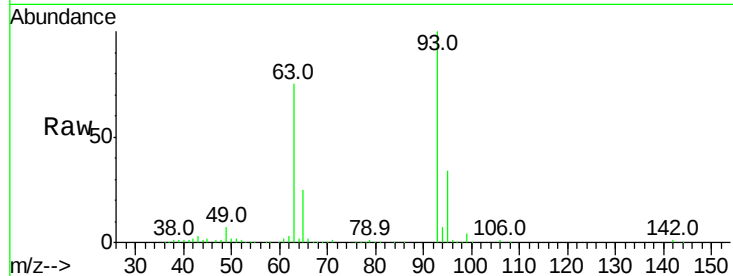
Tot Ion: 93 Resp: 282830

Ion Ratio Lower Upper

93 100

63 75.2 59.2 99.2

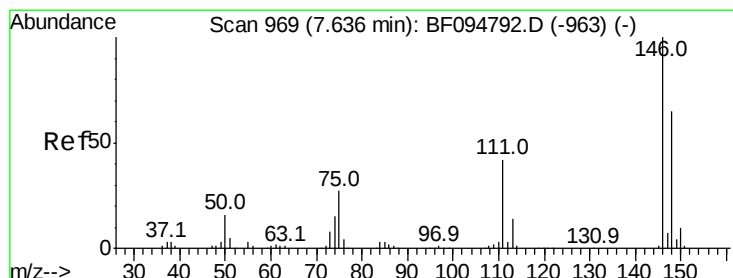
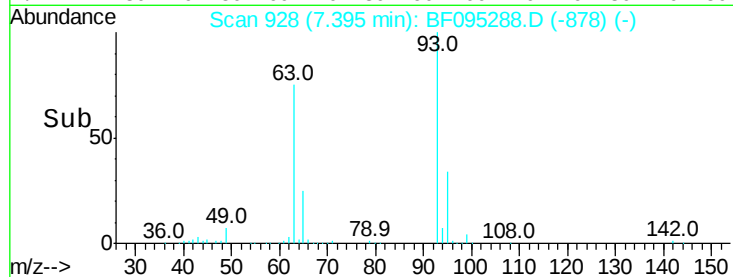
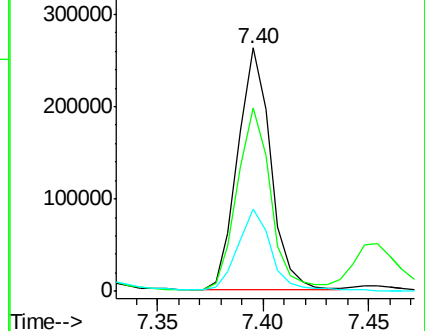
95 33.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.12 ng

RT: 7.67 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

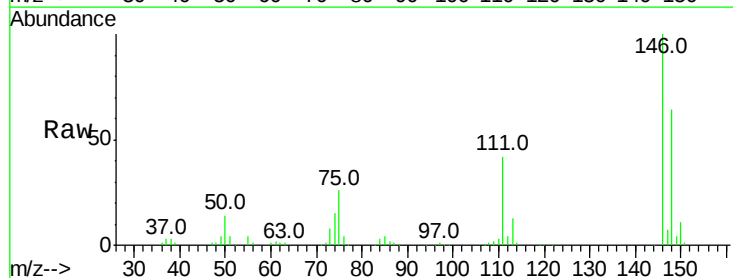
Tgt Ion: 146 Resp: 342864

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

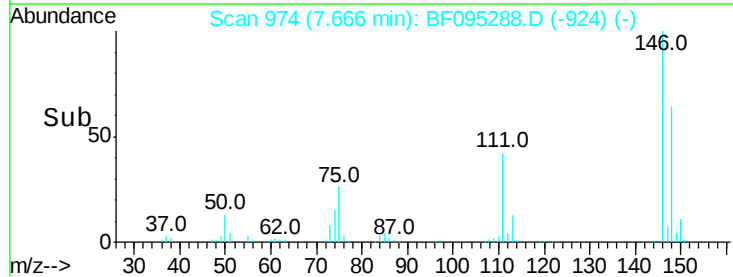
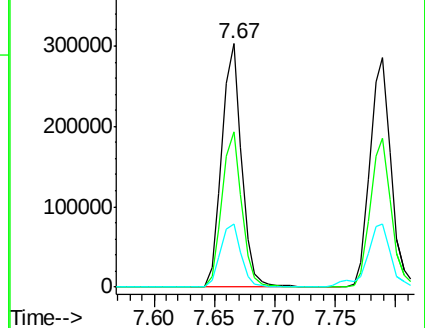
75 25.9 23.1 34.7

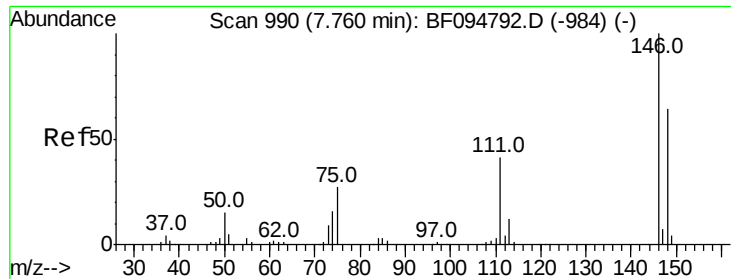


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

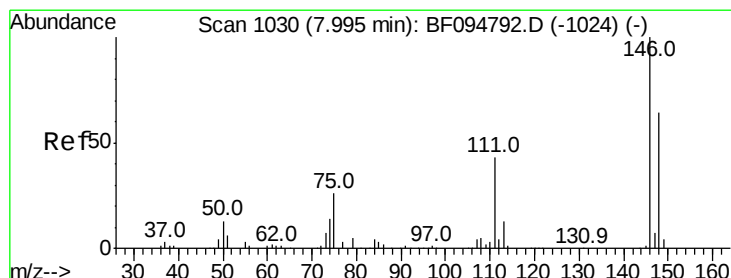
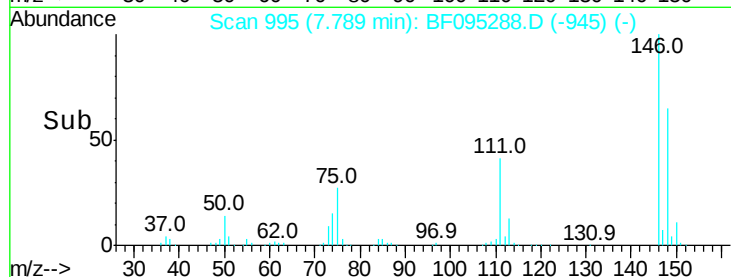
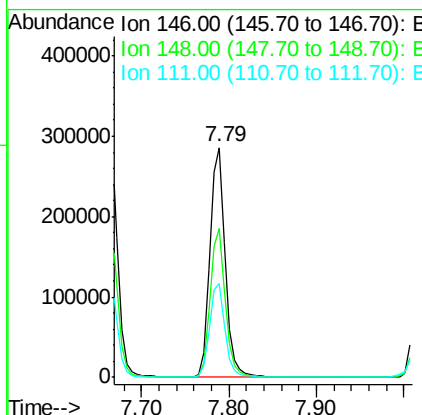
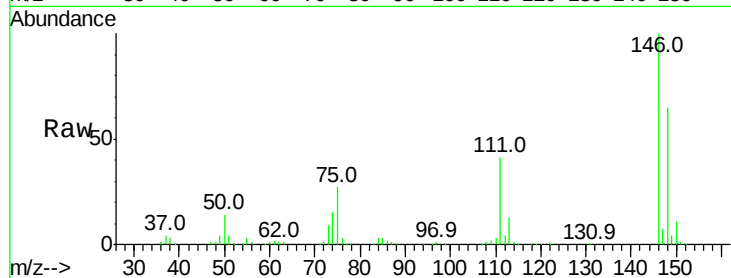




#13
 1,4-Dichlorobenzene
 Concen: 40.41 ng
 RT: 7.79 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

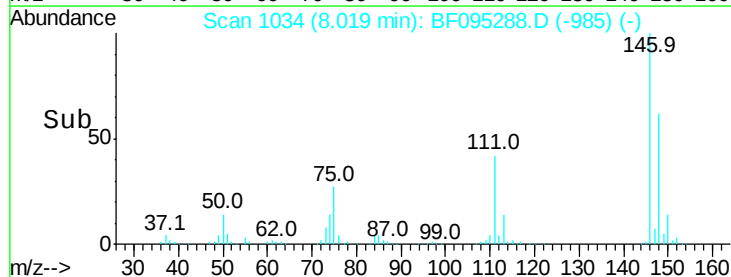
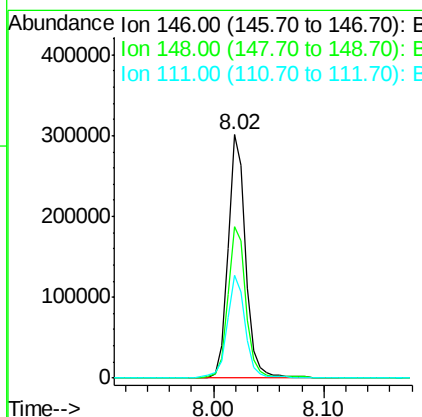
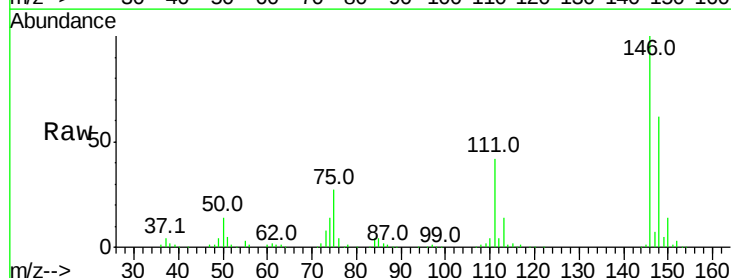
Instrument :
 BNA_F
 ClientSampleId :

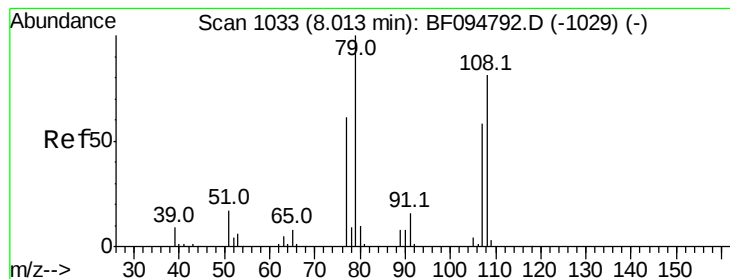
Tot Ion:146 Resp: 350213
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 40.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.76 ng
 RT: 8.02 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:146 Resp: 337828
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.4 75.6
 111 42.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 41.97 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampled :

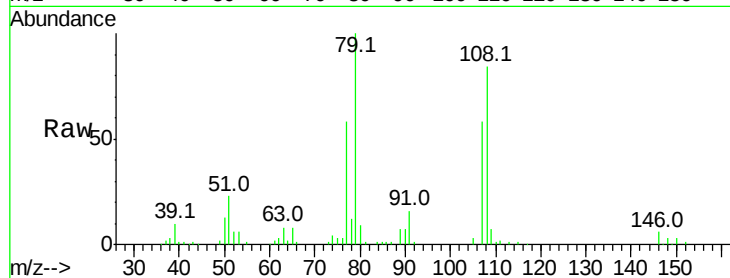
Tot Ion: 79 Resp: 214354

Ion Ratio Lower Upper

79 100

108 83.9 63.4 95.0

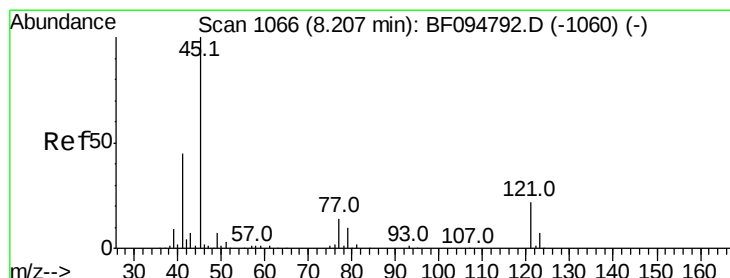
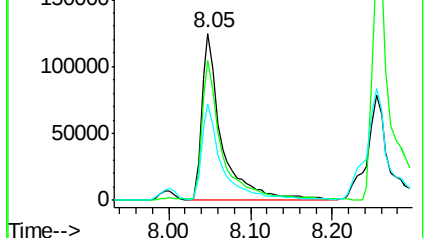
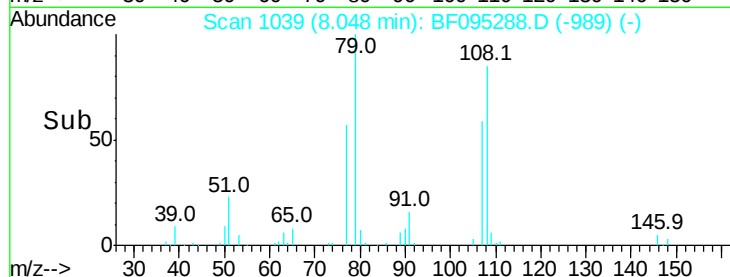
77 57.9 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.52 ng

RT: 8.25 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

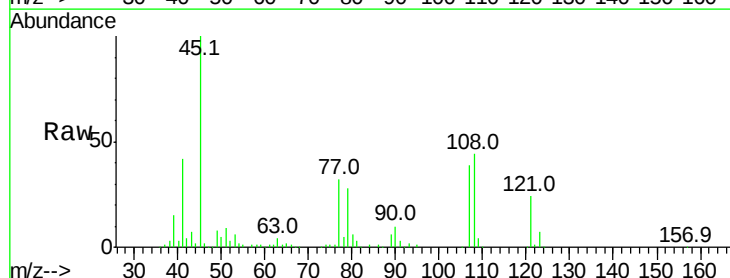
Tgt Ion: 45 Resp: 386419

Ion Ratio Lower Upper

45 100

77 31.8 0.0 33.2

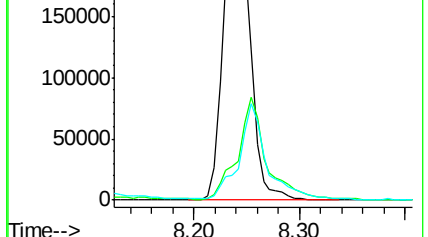
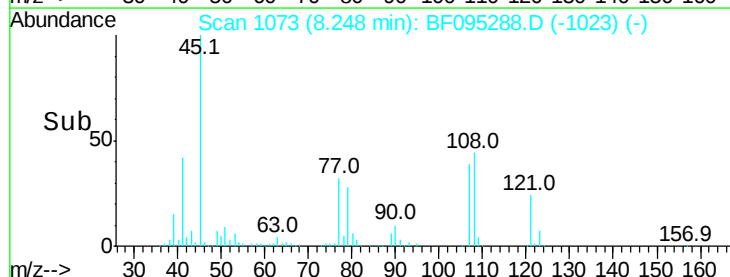
79 27.9 0.0 30.0

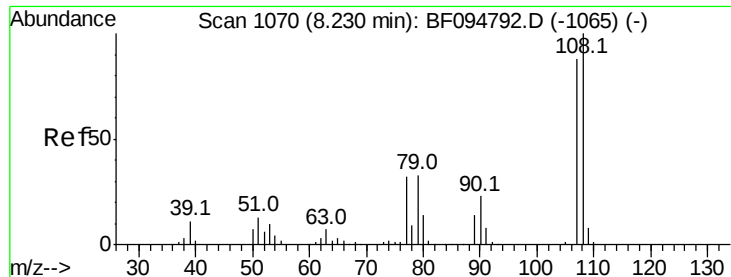


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

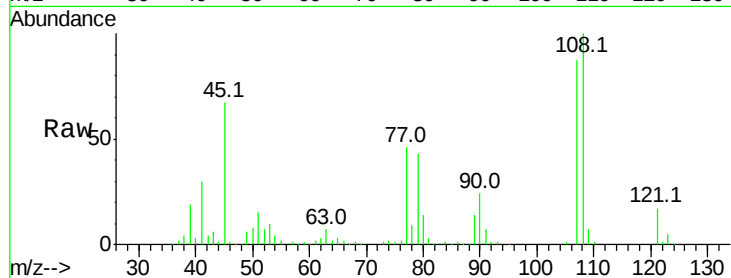




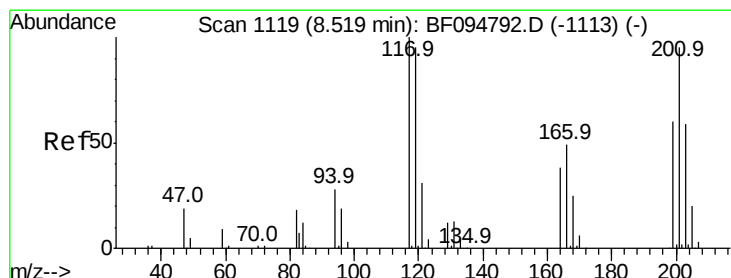
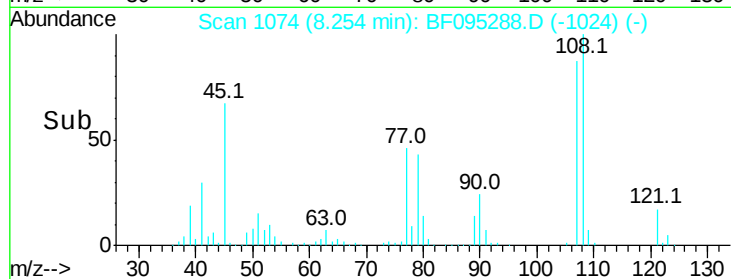
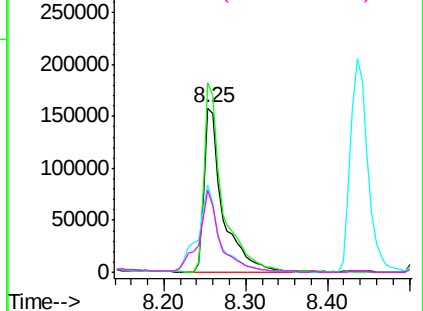
#17
 2-Methylphenol
 Concen: 41.21 ng
 RT: 8.25 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	107	Resp:	254039
Ion	Ratio	Lower	Upper
107	100		
108	115.2	93.4	140.0
77	52.9	35.8	53.6
79	50.0	34.8	52.2

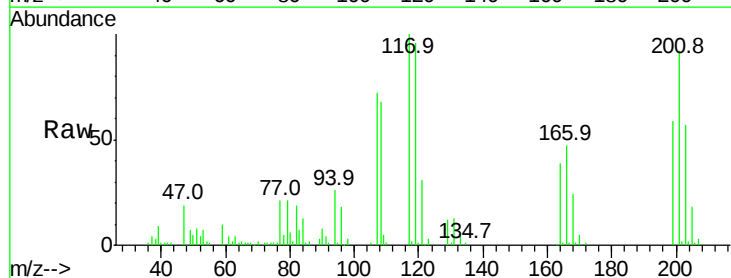


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

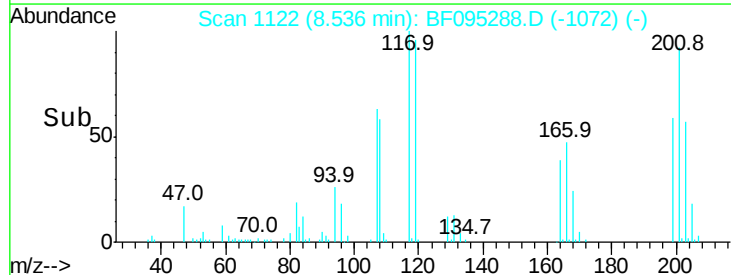
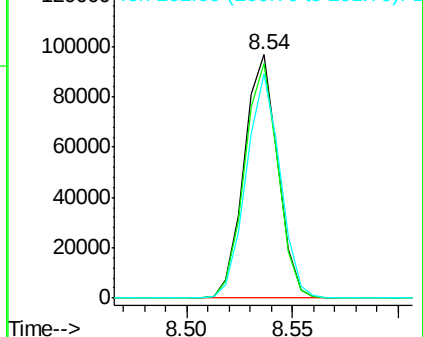


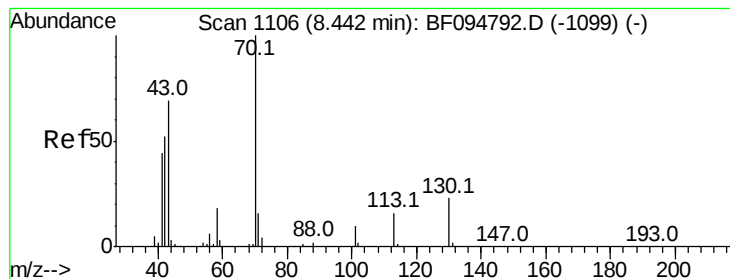
#18
 Hexachloroethane
 Concen: 36.58 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:	117	Resp:	107386
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
201	92.2	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.29 ng

RT: 8.47 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 216397

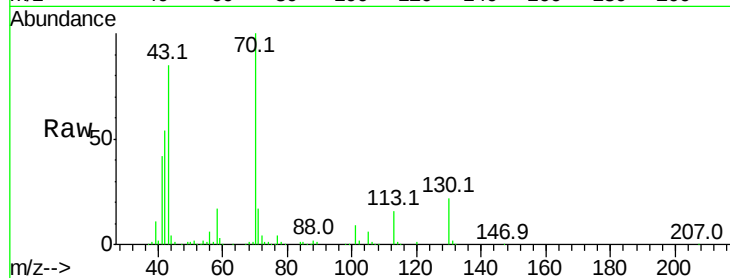
Ion Ratio Lower Upper

70 100

42 53.9 47.2 70.8

101 9.5 7.2 10.8

130 22.1 15.9 23.9

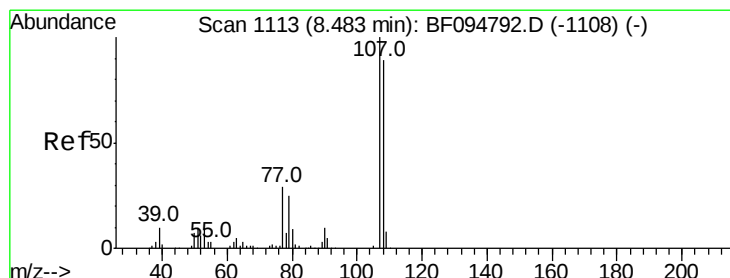
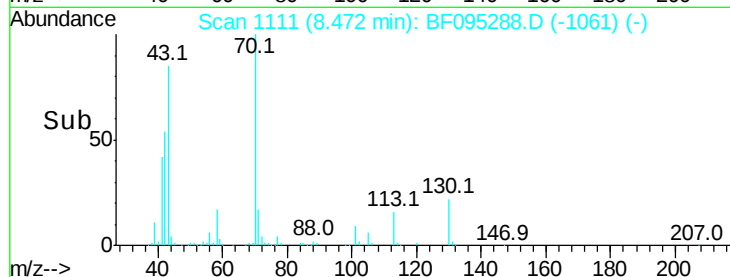
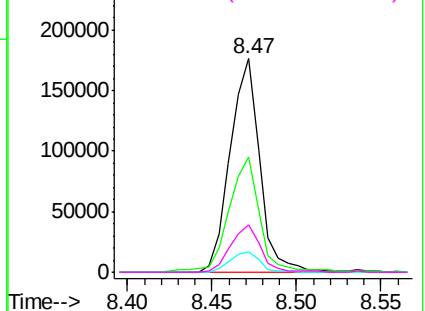


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.16 ng

RT: 8.52 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Tgt Ion:107 Resp: 336408

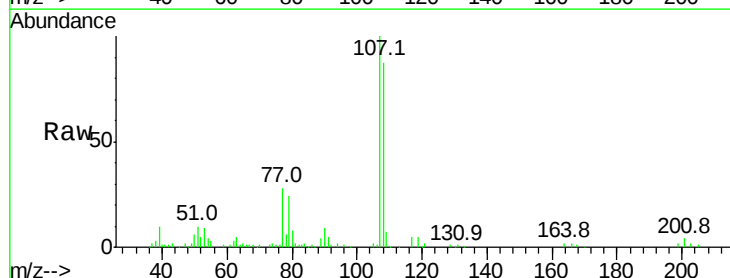
Ion Ratio Lower Upper

107 100

108 87.3 71.0 111.0

77 27.7 90.5 130.5#

79 24.4 8.4 48.4

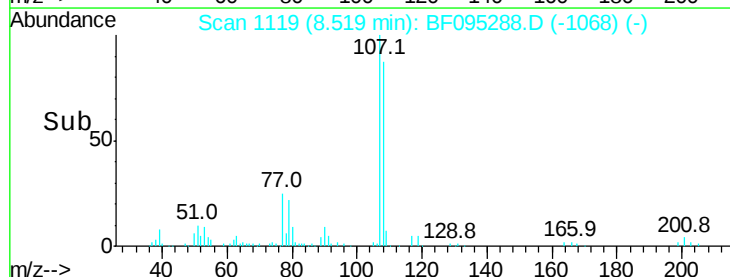
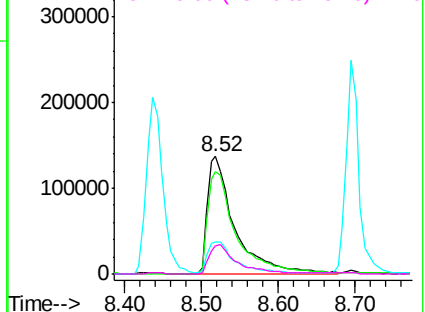


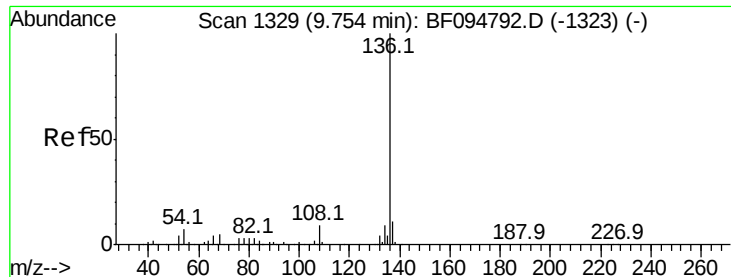
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

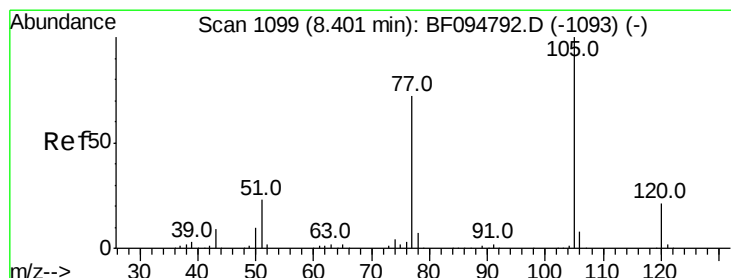
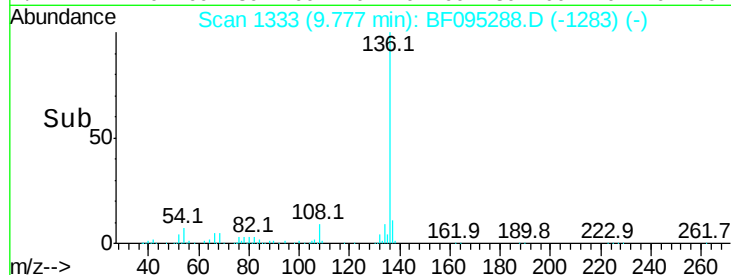
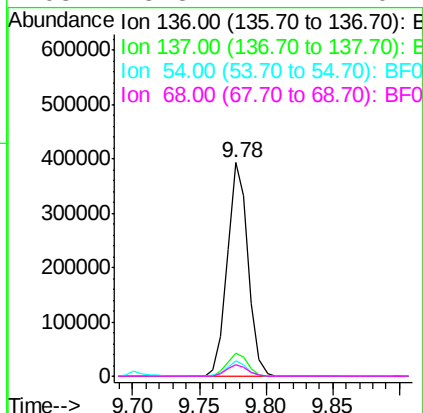
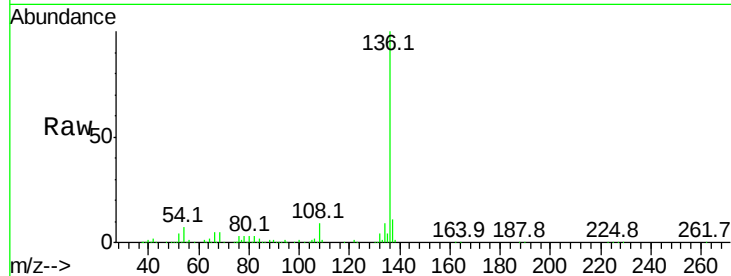




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

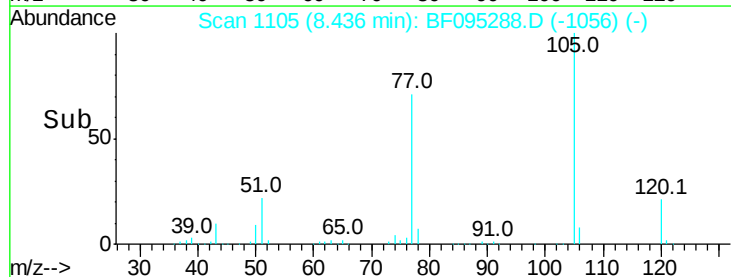
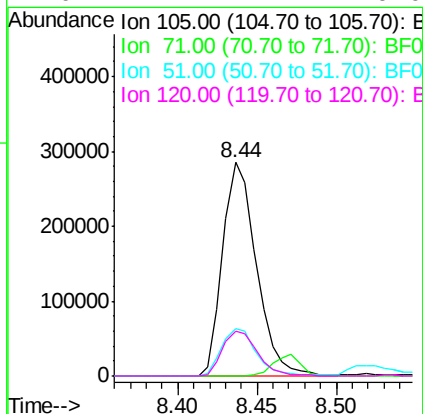
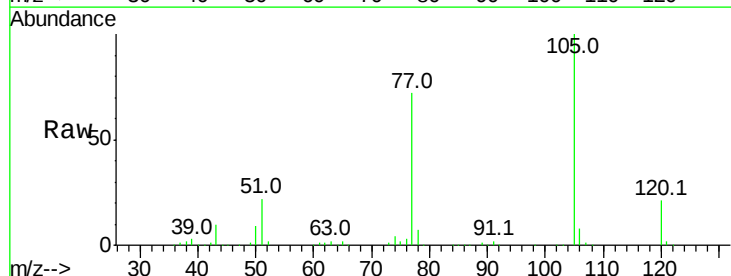
Instrument :
BNA_F
ClientSampleId :

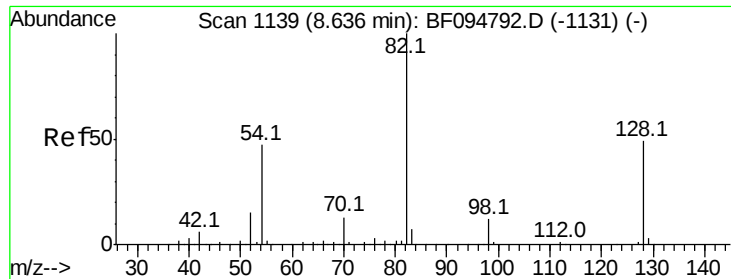
Tot Ion:136	Resp:	430350
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	6.9	4.9 7.3
68	5.3	4.1 6.1



#22
Acetophenone
Concen: 41.00 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion:105	Resp:	423334
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.3	30.7 46.1#
120	21.1	17.4 26.0

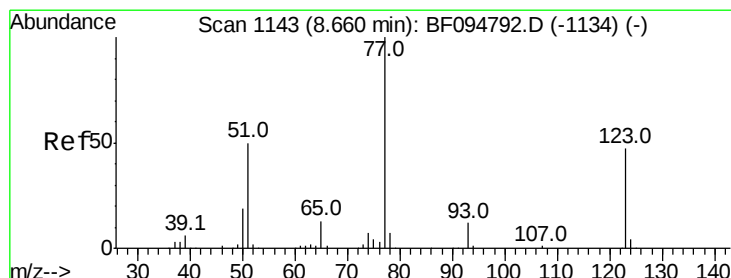
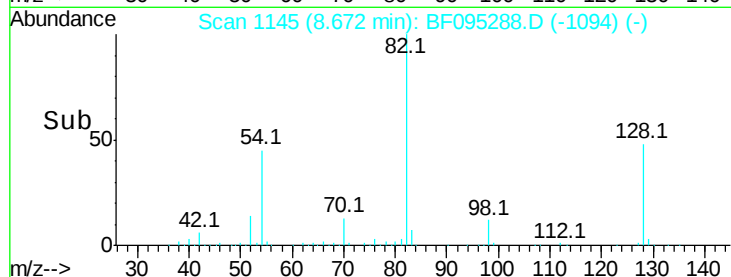
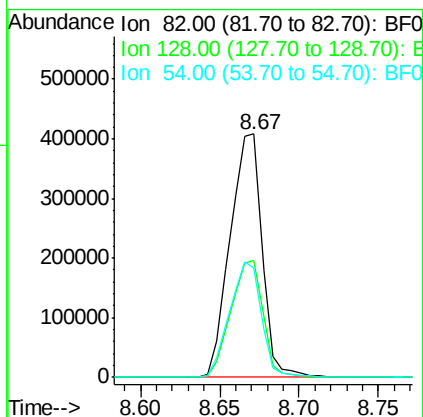
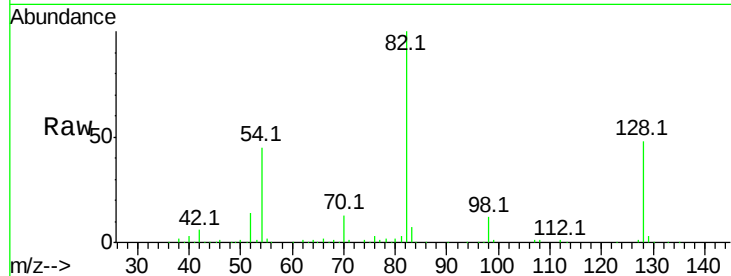




#23
Nitrobenzene-d5
Concen: 83.93 ng
RT: 8.67 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

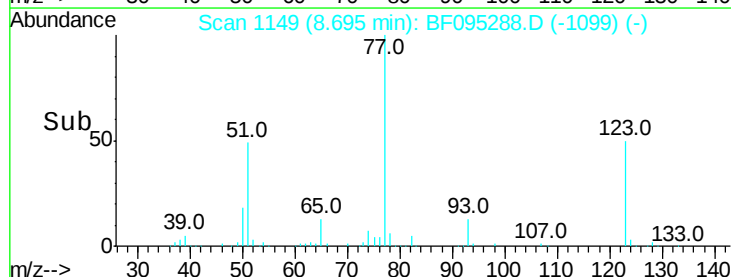
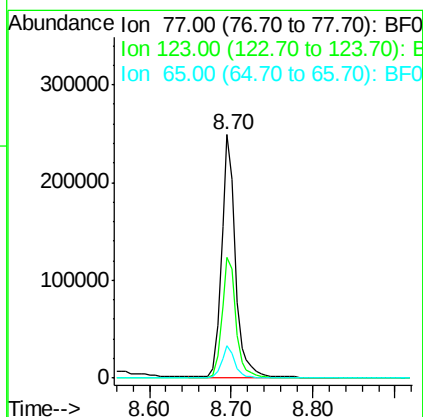
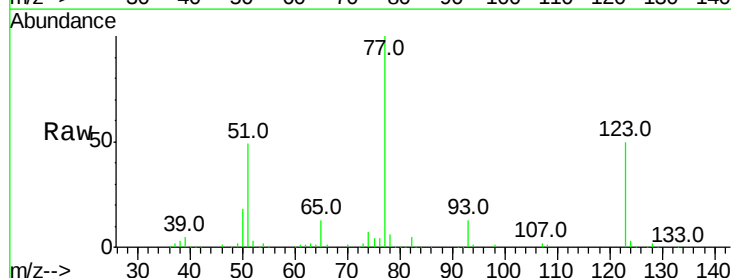
Instrument :
BNA_F
ClientSampleId :

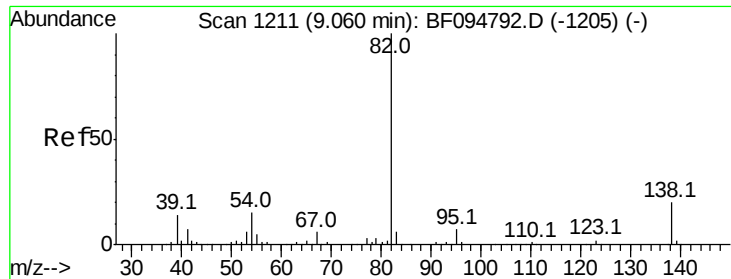
Tot Ion: 82 Resp: 572813
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 44.7 42.2 63.2



#24
Nitrobenzene
Concen: 41.14 ng
RT: 8.70 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion: 77 Resp: 294300
Ion Ratio Lower Upper
77 100
123 49.7 35.8 53.8
65 13.2 10.6 15.8





#25

Isophorone

Concen: 42.86 ng

RT: 9.10 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

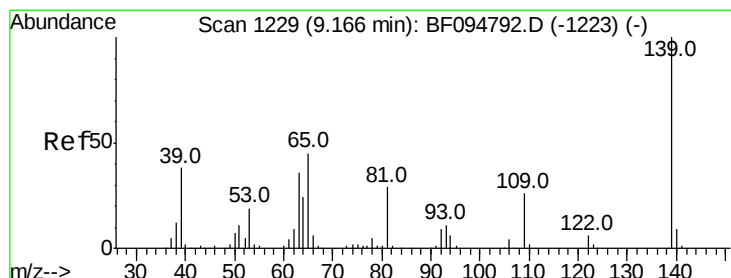
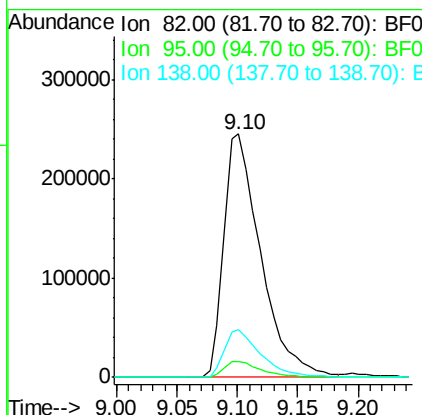
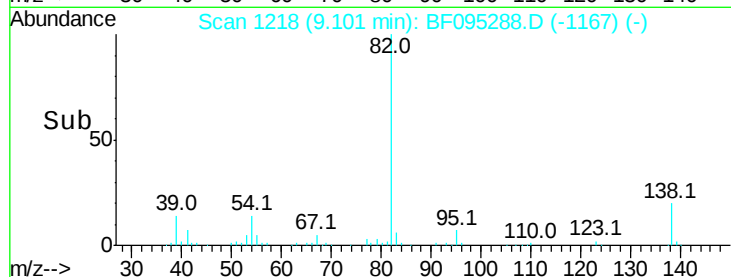
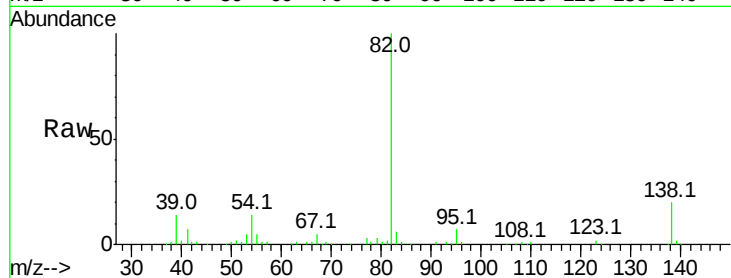
Tot Ion: 82 Resp: 522330

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 40.61 ng

RT: 9.20 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

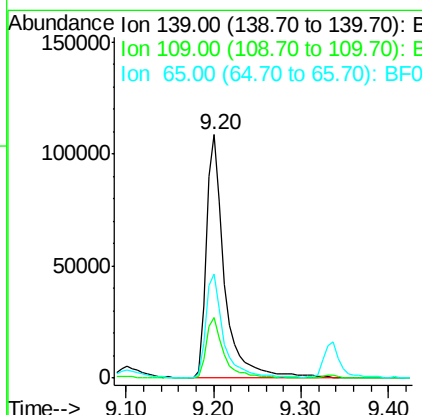
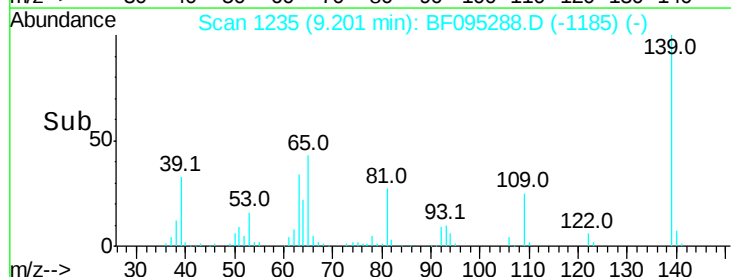
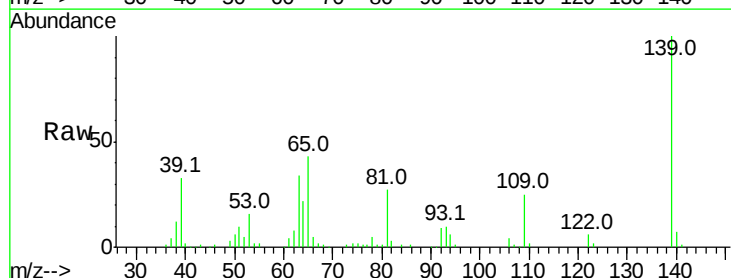
Tgt Ion:139 Resp: 156768

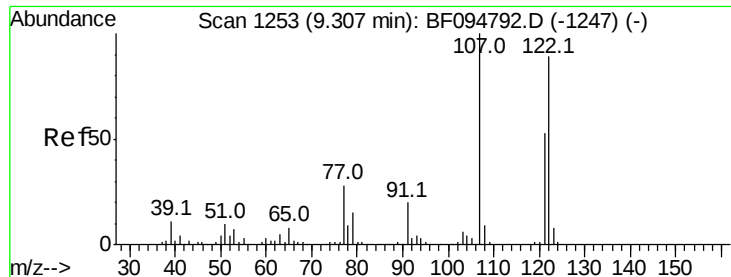
Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

65 43.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.18 ng

RT: 9.34 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

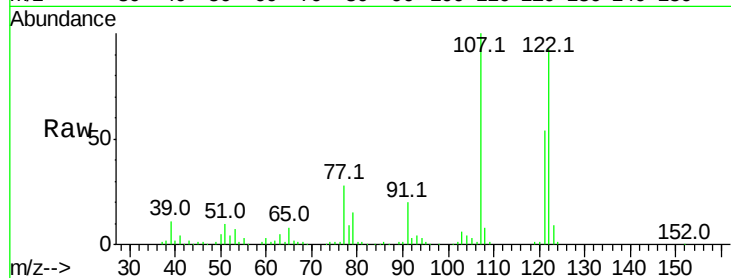
Tot Ion:122 Resp: 263223

Ion Ratio Lower Upper

122 100

107 108.0 89.2 133.8

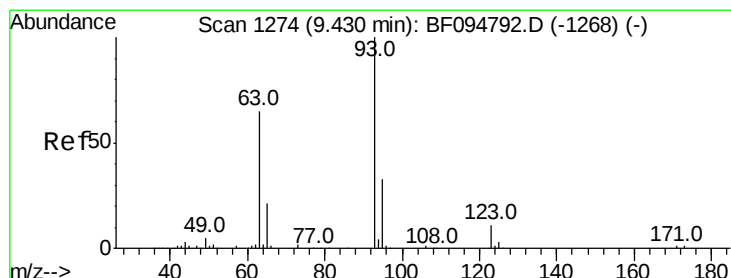
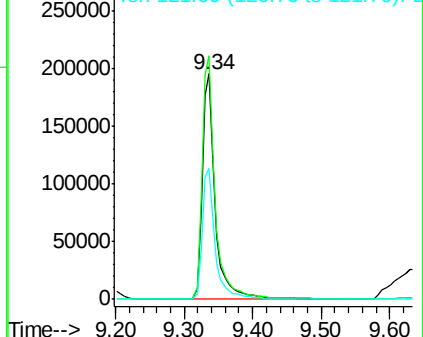
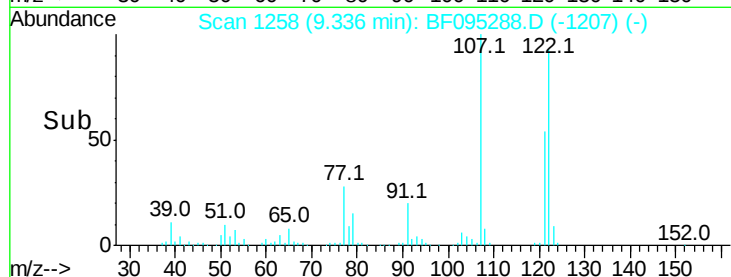
121 58.3 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.41 ng

RT: 9.46 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

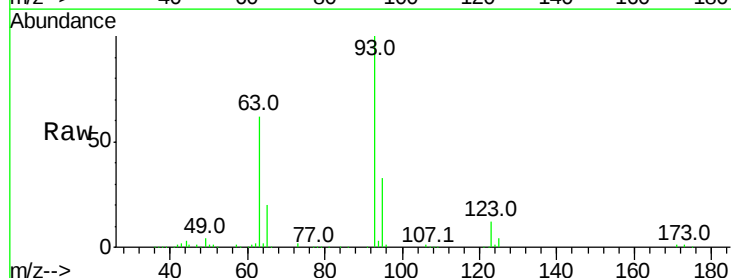
Tgt Ion: 93 Resp: 357495

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

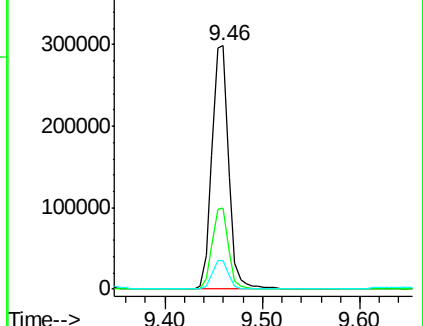
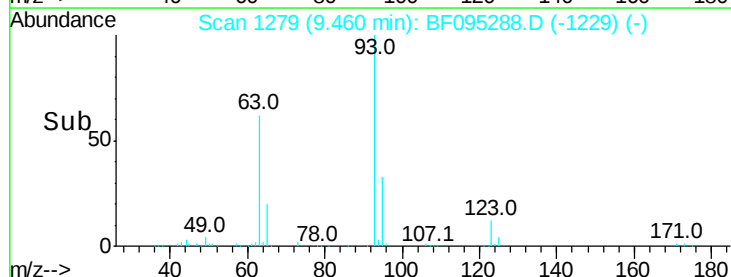
123 11.7 9.0 13.4

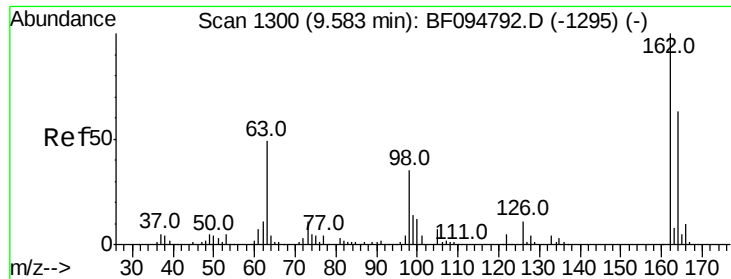


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

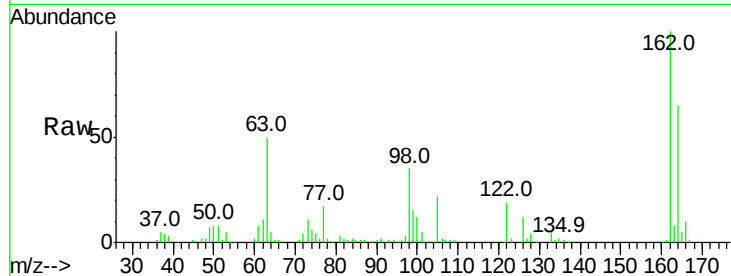




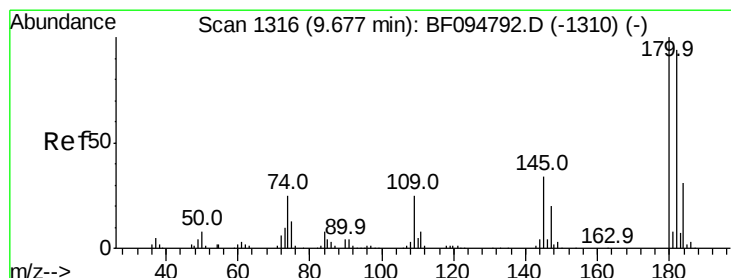
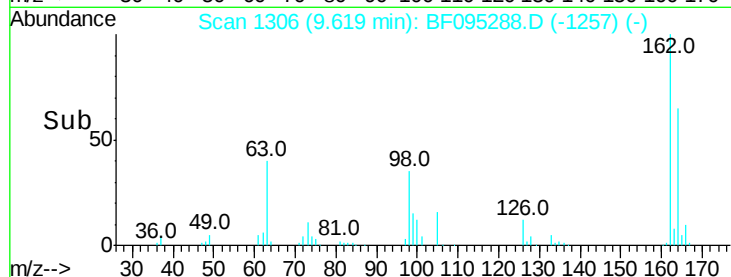
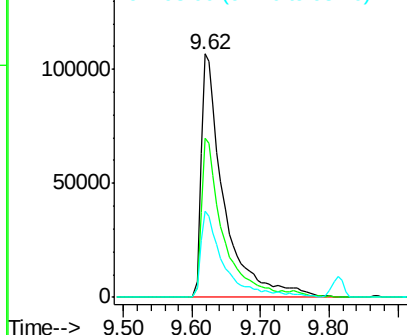
#29
 2,4-Dichlorophenol
 Concen: 42.19 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	35.3	14.8	54.8

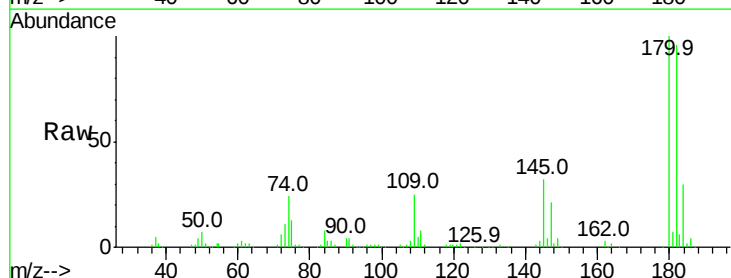


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

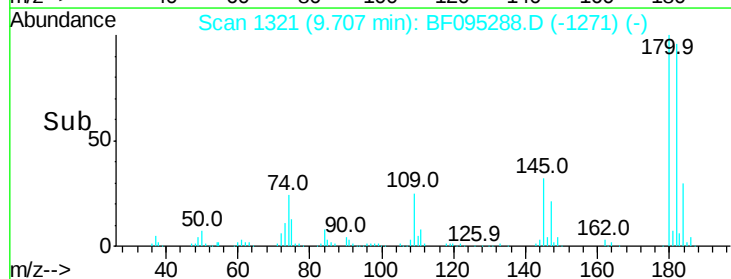
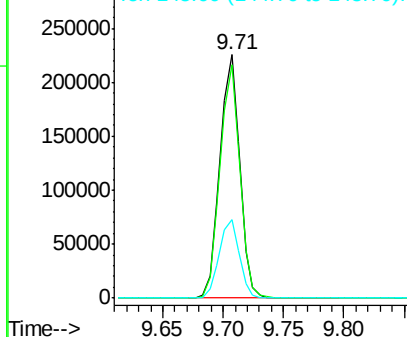


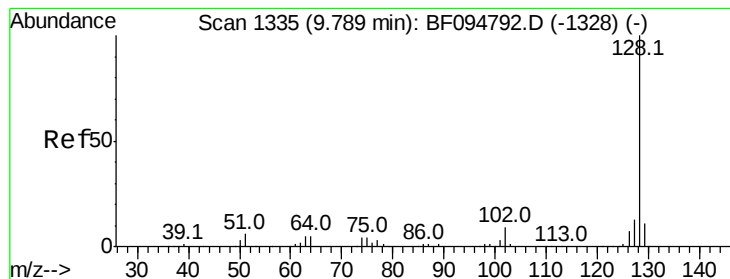
#30
 1,2,4-Trichlorobenzene
 Concen: 40.56 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	32.3	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.25 ng

RT: 9.81 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampled :

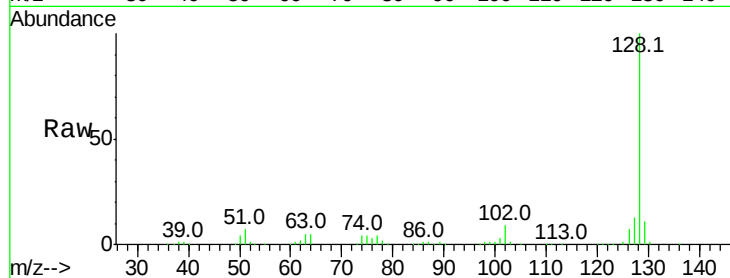
Tot Ion:128 Resp: 870525

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

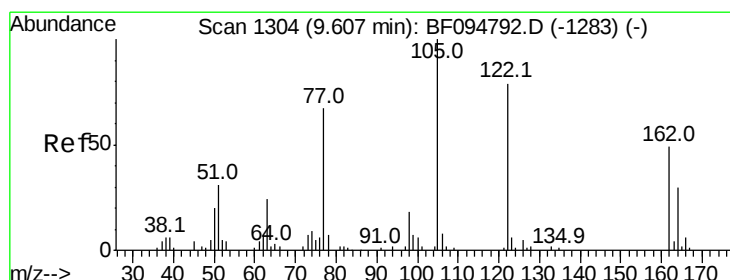
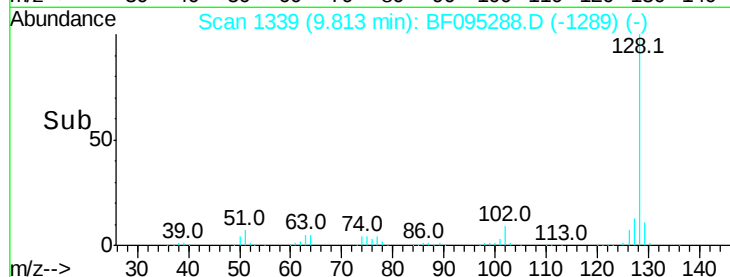
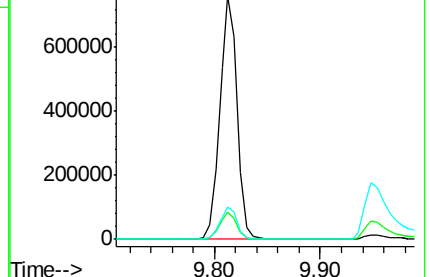
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.19 ng

RT: 9.65 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

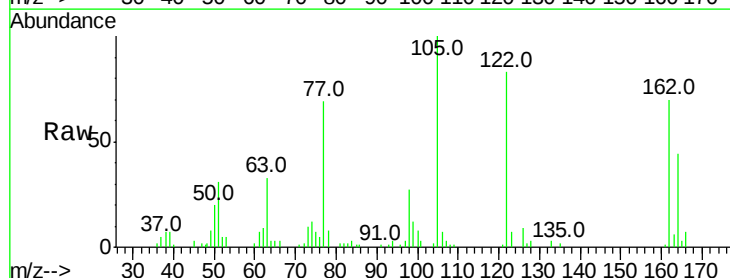
Tgt Ion:122 Resp: 119652

Ion Ratio Lower Upper

122 100

105 121.1 103.3 143.3

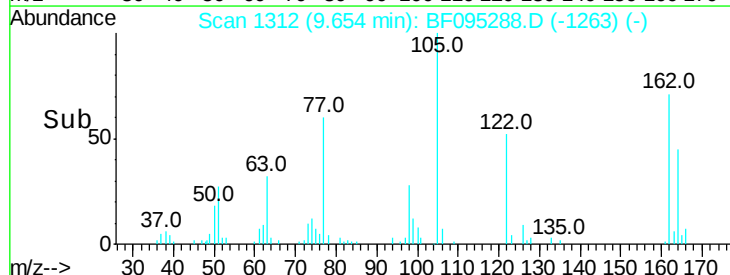
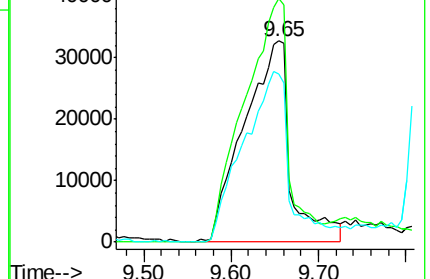
77 83.3 73.7 113.7

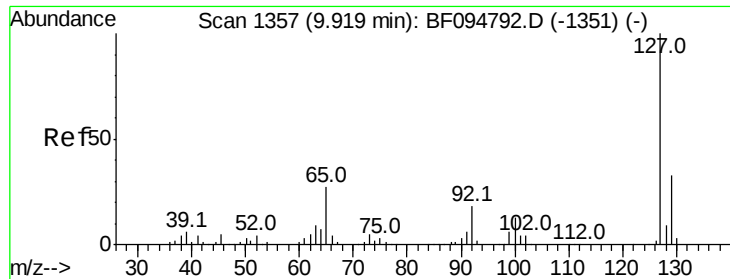


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

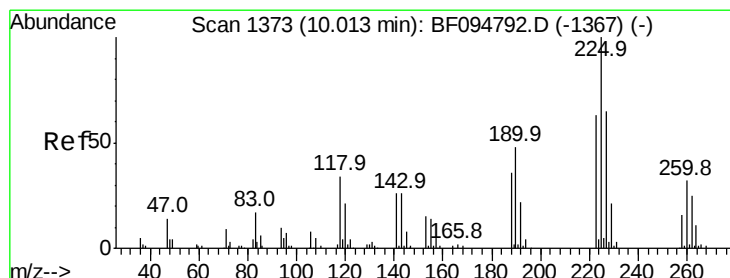
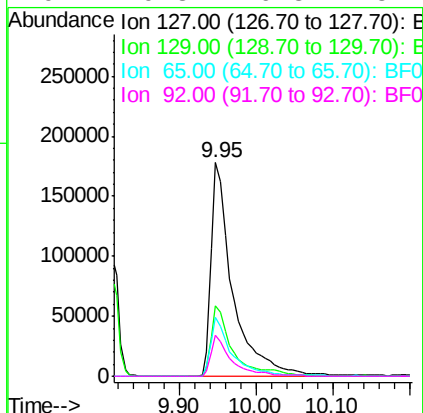
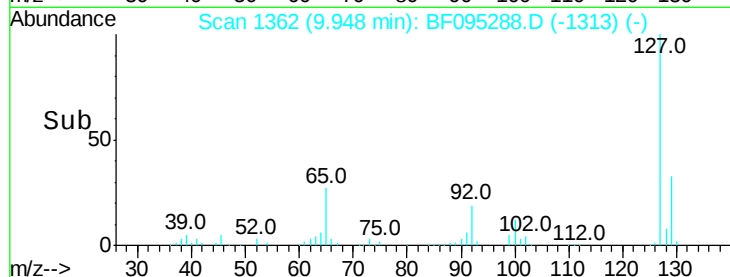
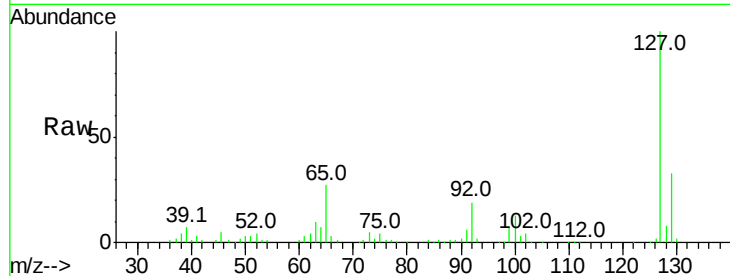




#33
4-Chloroaniline
Concen: 43.01 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

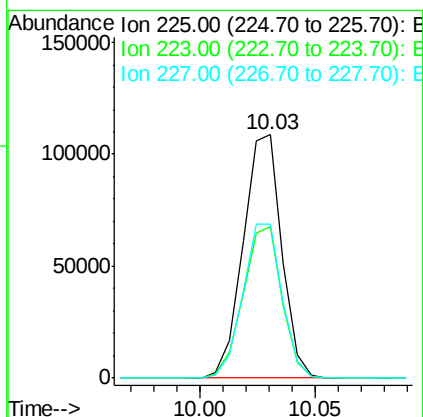
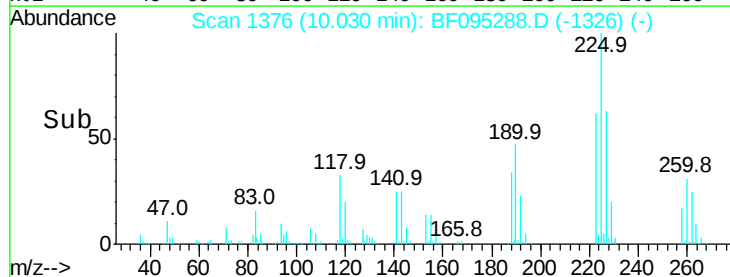
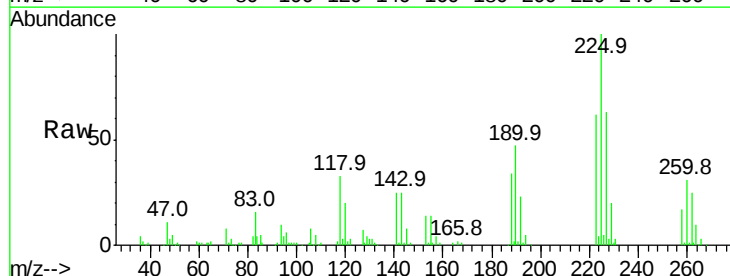
Instrument :
BNA_F
ClientSampleId :

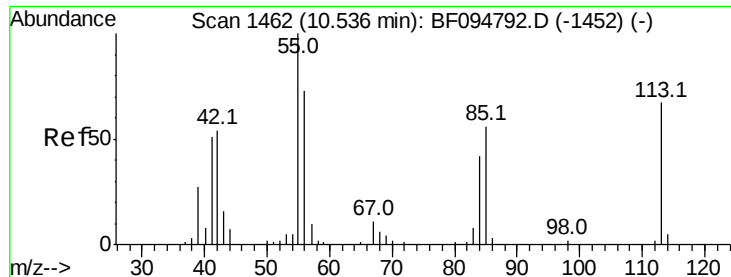
Tot Ion:	127	Resp:	346669
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	27.4	27.8	41.8#
92	19.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.96 ng
RT: 10.03 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion:	225	Resp:	126450
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	63.4	51.1	76.7

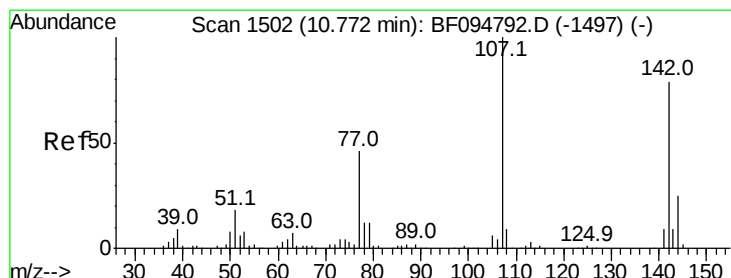
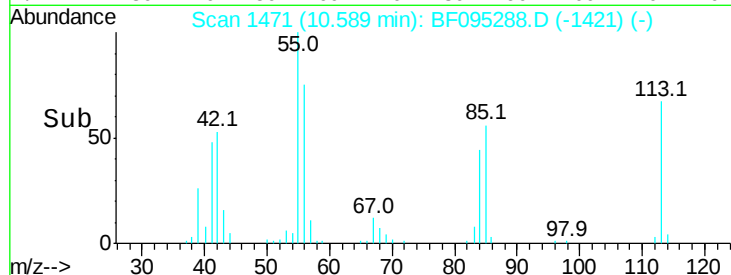
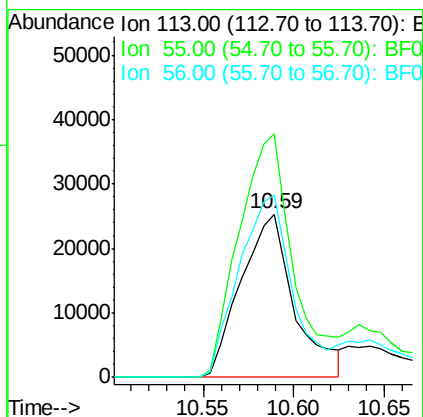
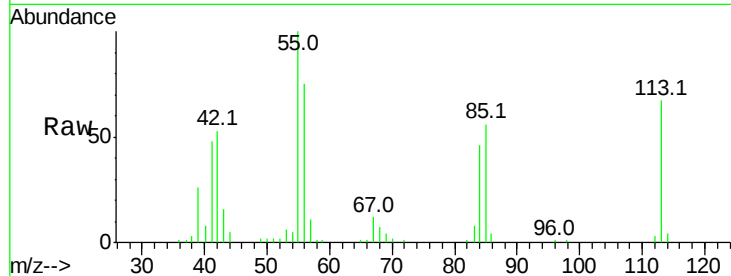




#35
 Caprolactam
 Concen: 29.33 ng
 RT: 10.59 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

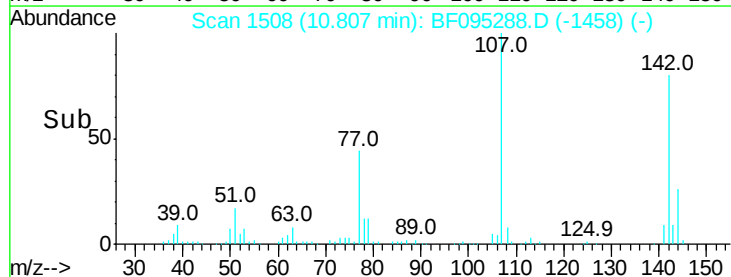
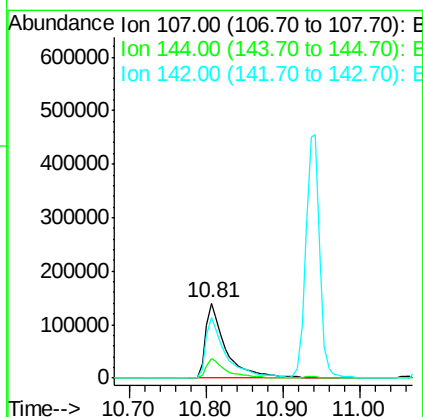
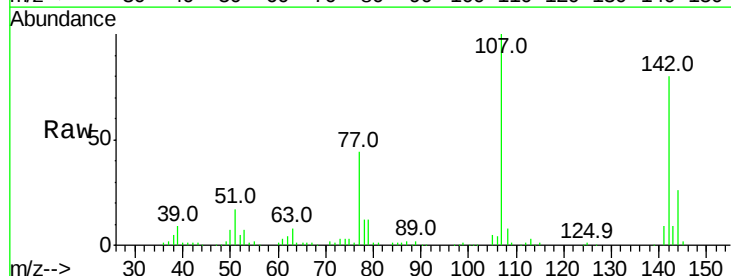
Instrument :
 BNA_F
 ClientSampleId :

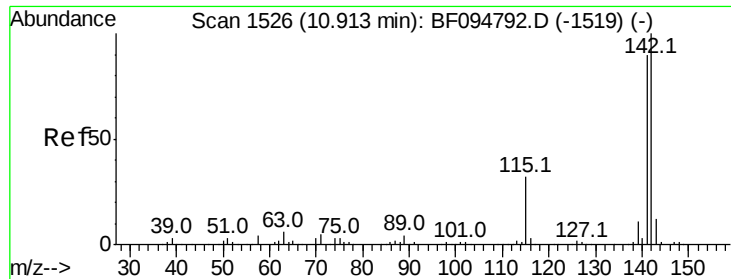
Tot Ion:113 Resp: 51901
 Ion Ratio Lower Upper
 113 100
 55 148.9 150.2 190.2#
 56 111.4 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.20 ng
 RT: 10.81 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:107 Resp: 253270
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 80.3 73.4 110.0

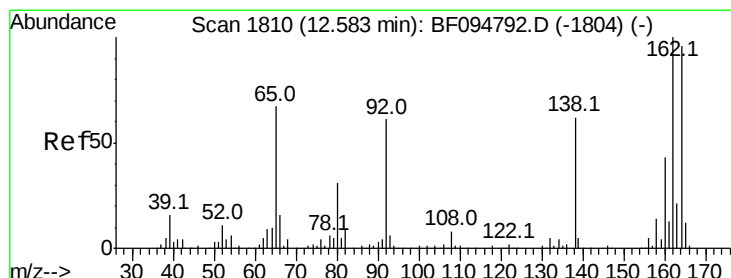
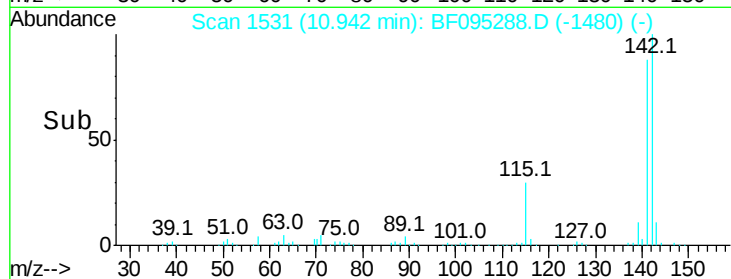
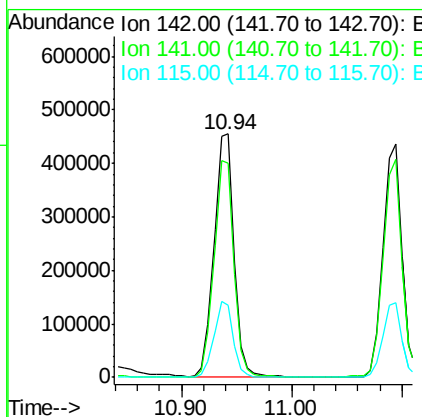
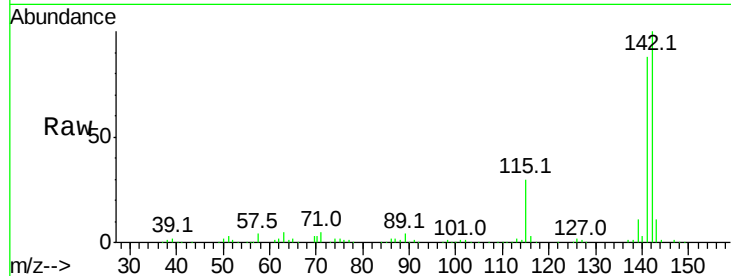




#37
 2-Methylnaphthalene
 Concen: 40.19 ng
 RT: 10.94 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

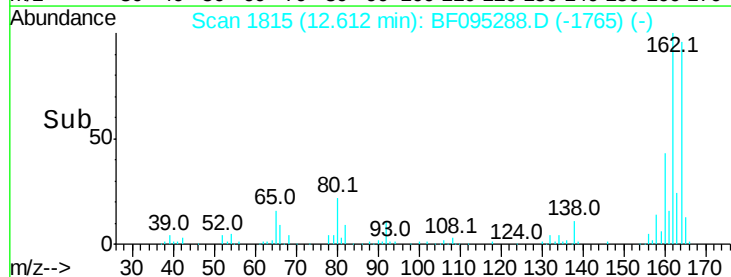
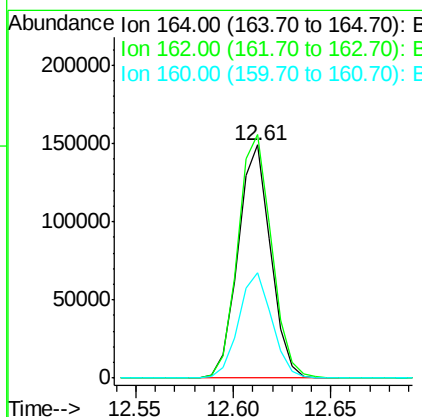
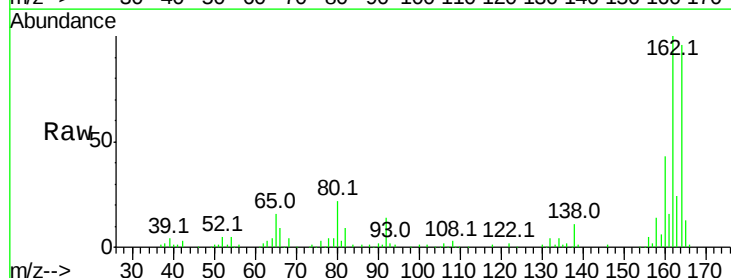
Instrument :
 BNA_F
 ClientSampleId :

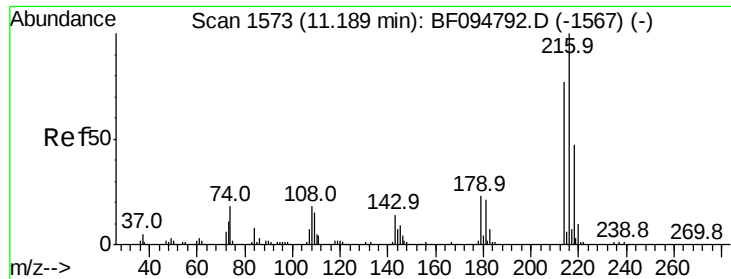
Tot Ion:142 Resp: 570460
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.3 106.9
 115 29.8 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:164 Resp: 172171
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 45.0 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.14 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 233694

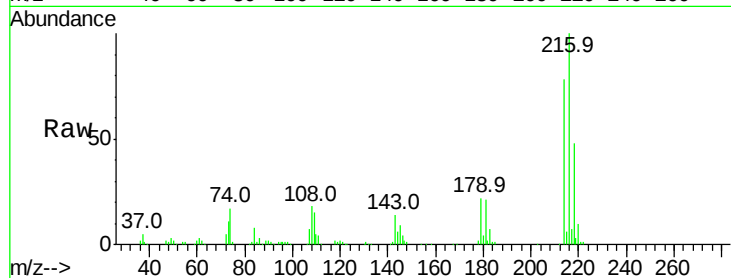
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 21.4 17.9 26.9

108 17.3 16.5 24.7

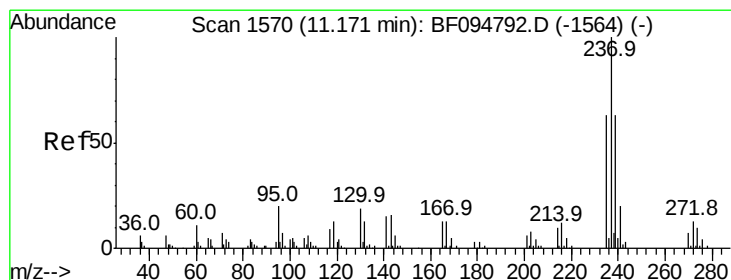
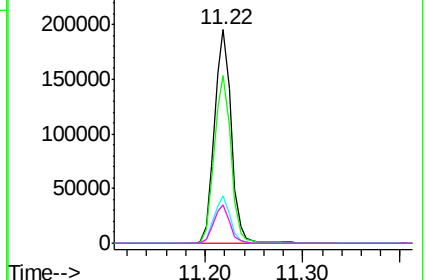
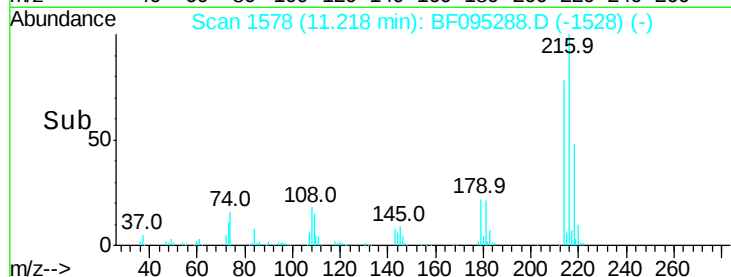


Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.68 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

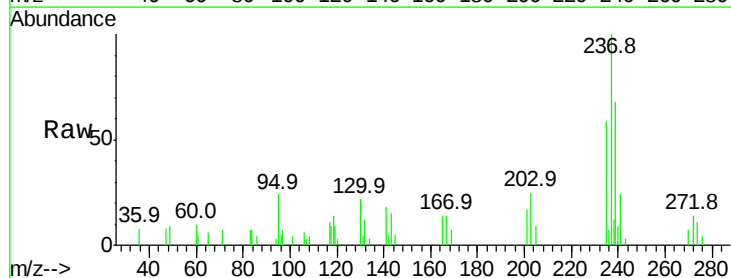
Tgt Ion:237 Resp: 11144

Ion Ratio Lower Upper

237 100

235 59.0 42.6 82.6

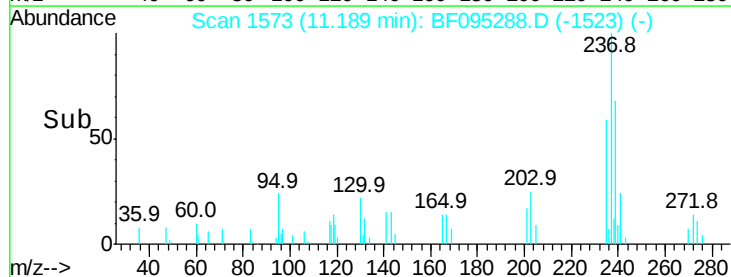
272 13.7 0.0 31.9



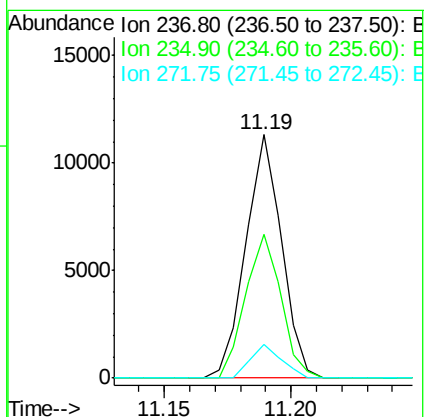
Abundance Ion 236.80 (236.50 to 237.50): E

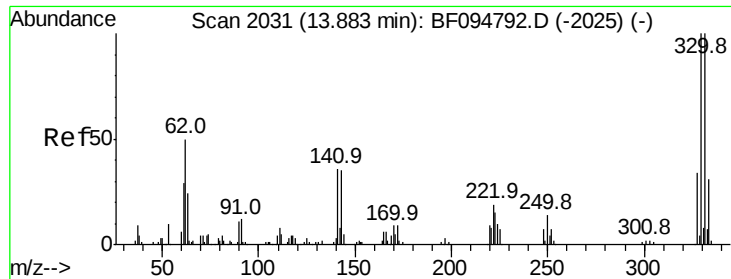
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

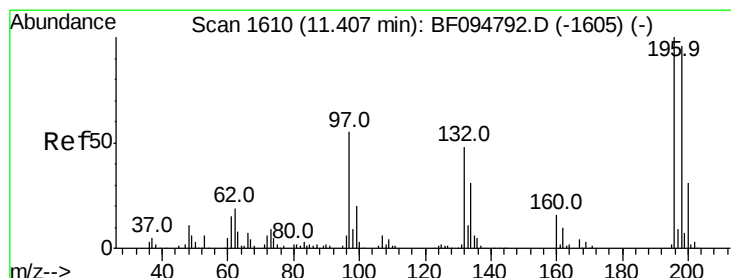
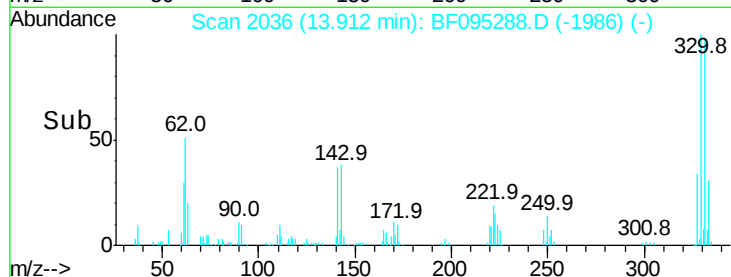
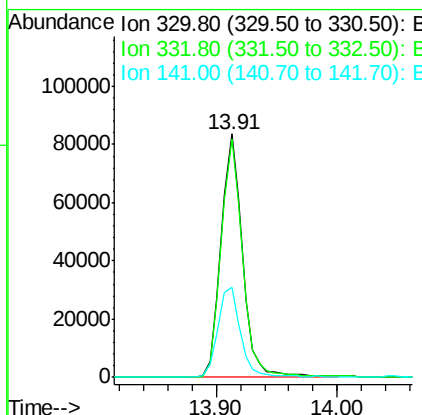
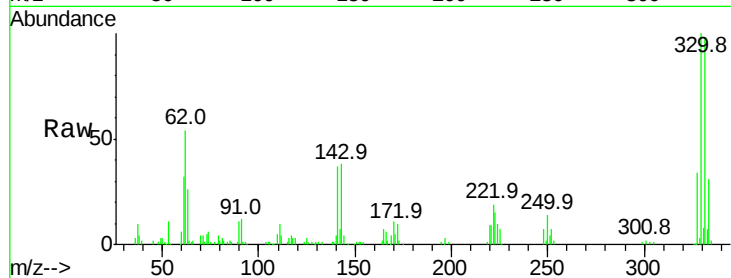




#41
 2,4,6-Tribromophenol
 Concen: 73.22 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

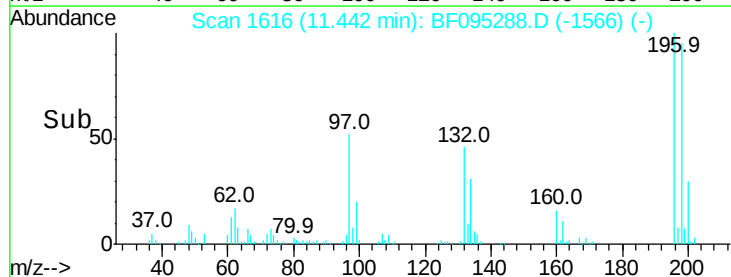
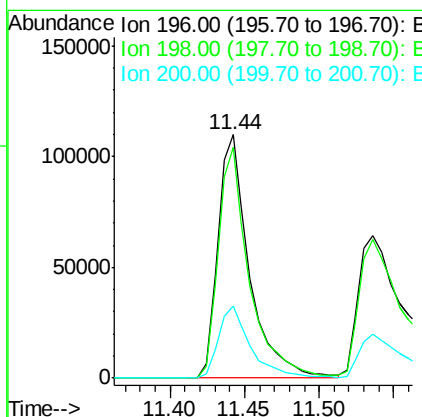
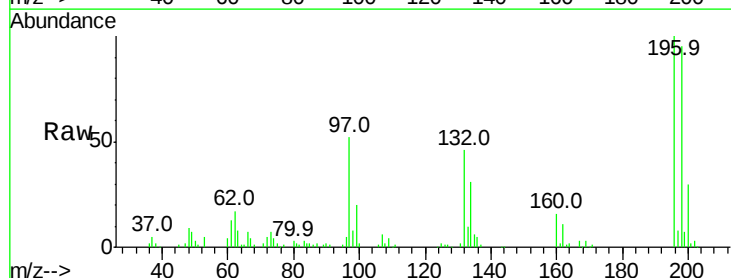
Instrument :
 BNA_F
 ClientSampleId :

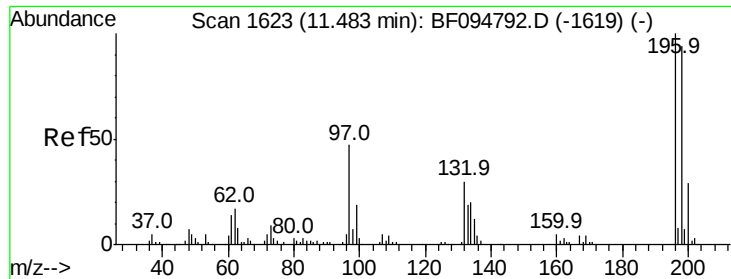
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.6	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 45.81 ng
 RT: 11.44 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.2	111.4
200	29.8	24.0	36.0

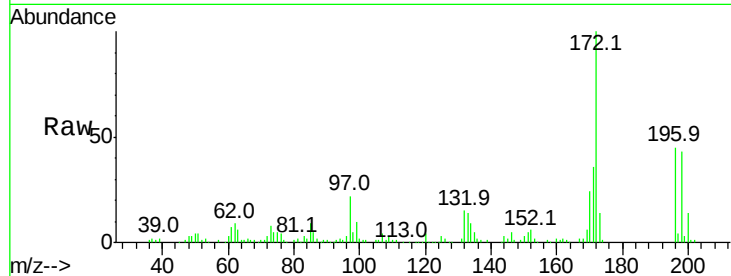




#43
 2,4,5-Trichlorophenol
 Concen: 40.56 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
97	48.5	47.7	71.5
132	33.0	28.0	42.0



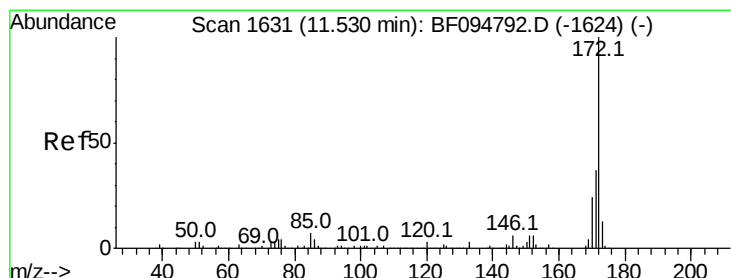
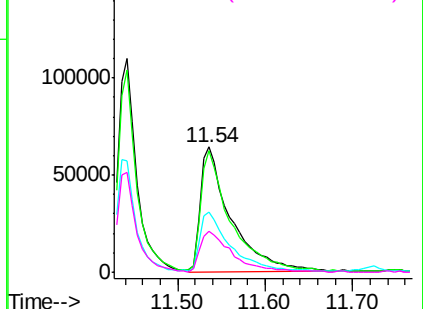
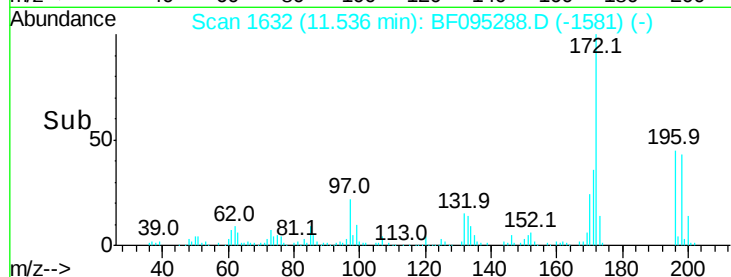
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

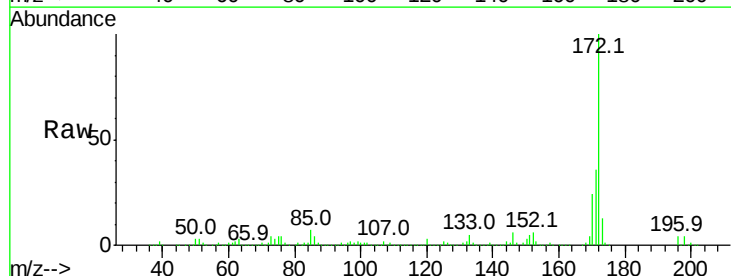
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.26 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.7	19.8	29.8

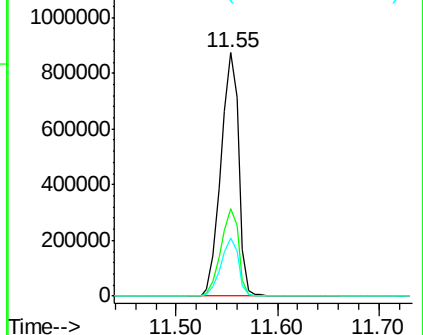
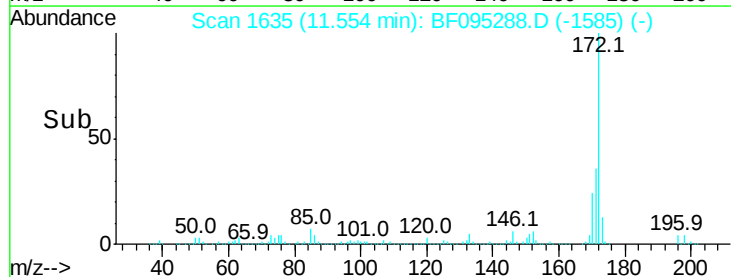


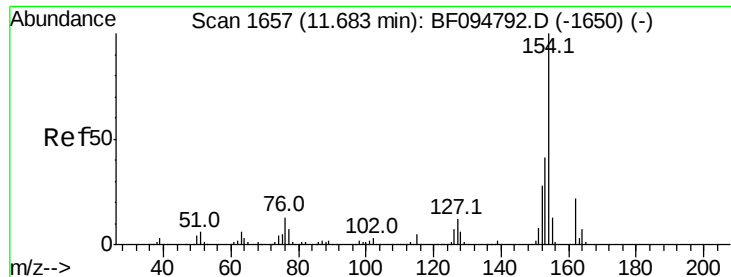
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.12 ng

RT: 11.71 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

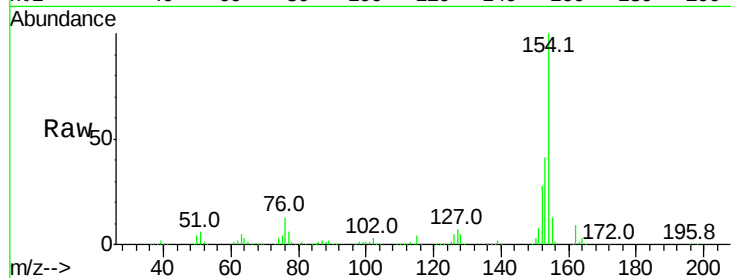
Tot Ion:154 Resp: 654009

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

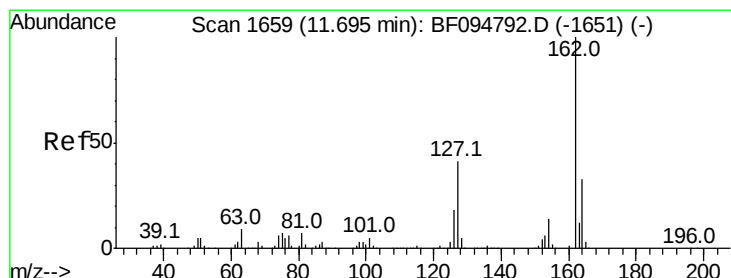
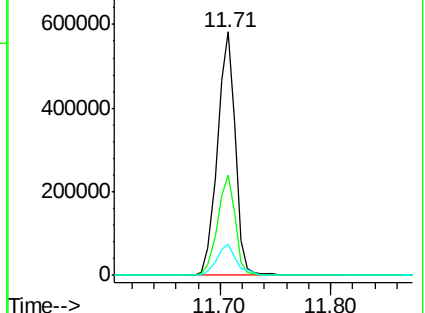
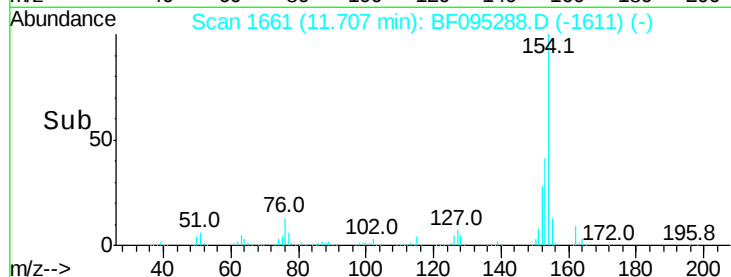
76 12.6 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.11 ng

RT: 11.72 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

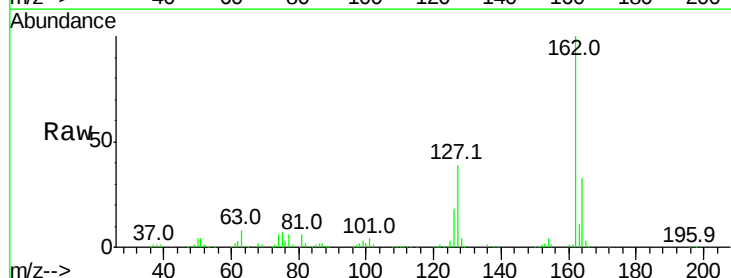
Tgt Ion:162 Resp: 492882

Ion Ratio Lower Upper

162 100

127 38.7 28.3 42.5

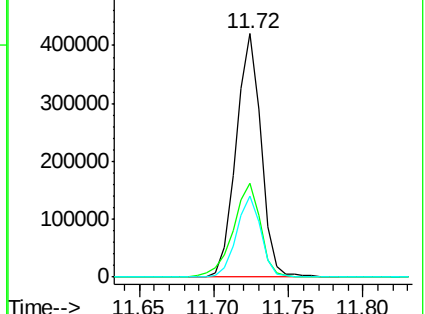
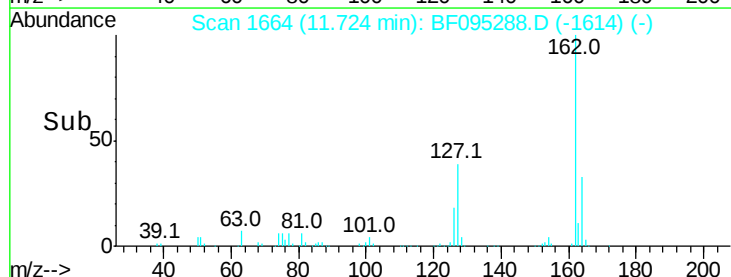
164 33.2 27.0 40.4

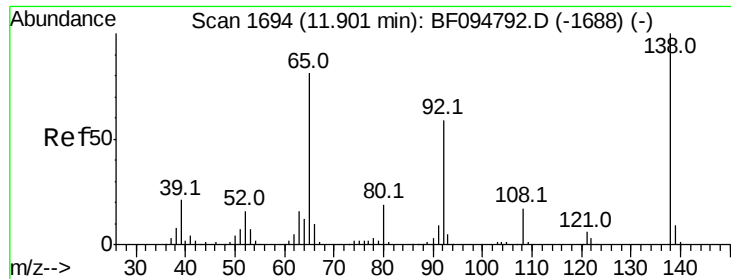


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

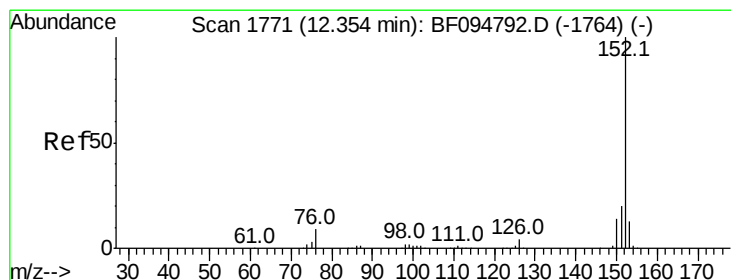
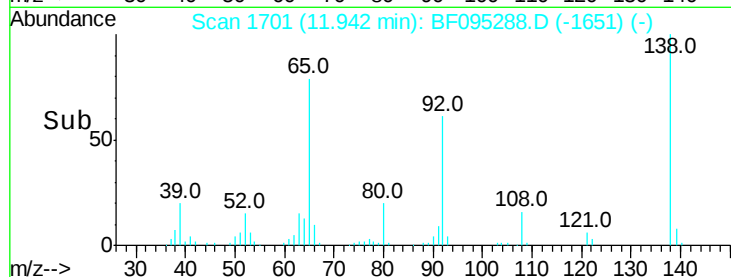
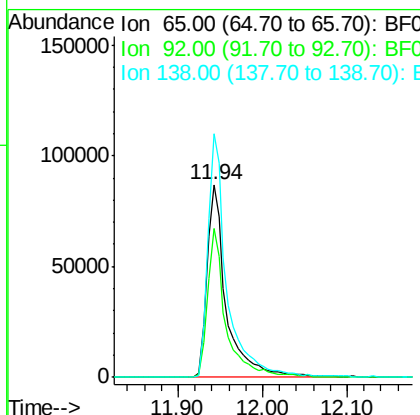
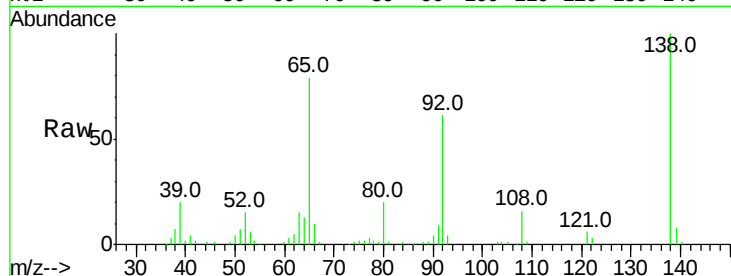




#47
 2-Nitroaniline
 Concen: 43.50 ng
 RT: 11.94 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

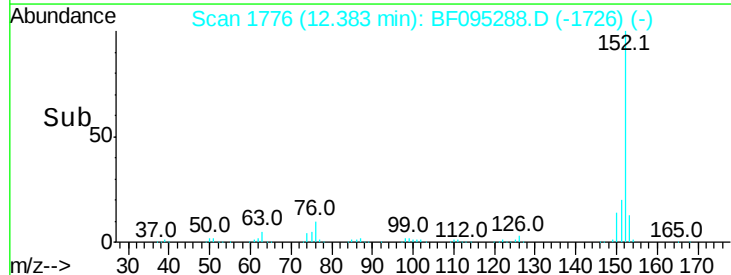
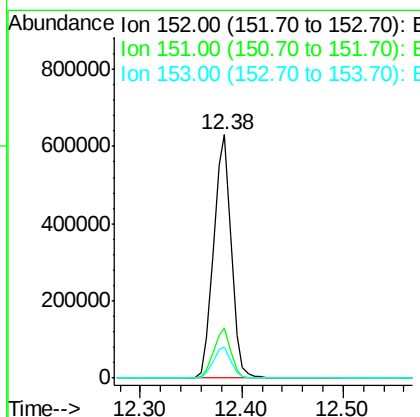
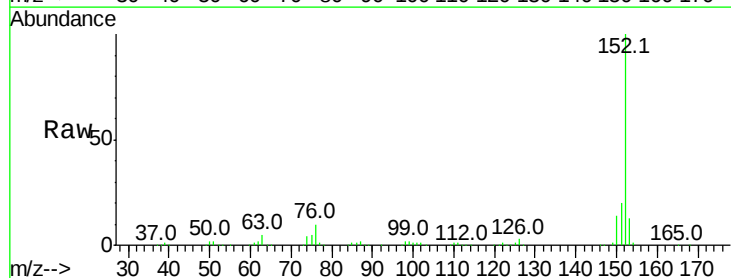
Instrument :
 BNA_F
 ClientSampleId :

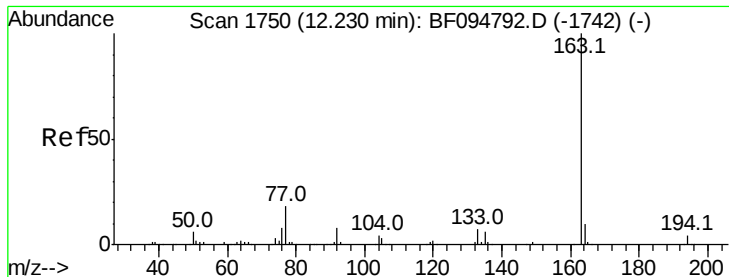
Tot Ion: 65 Resp: 139373
 Ion Ratio Lower Upper
 65 100
 92 77.4 53.9 80.9
 138 126.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.49 ng
 RT: 12.38 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:152 Resp: 760682
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 42.22 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

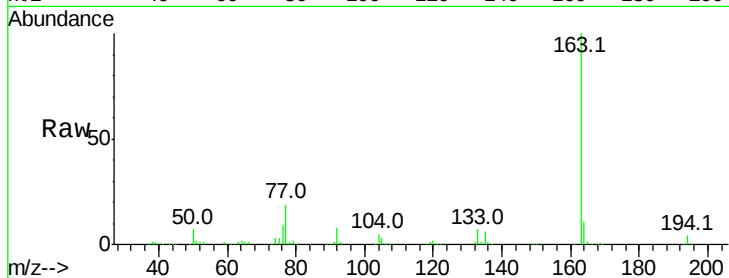
Tot Ion:163 Resp: 596790

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

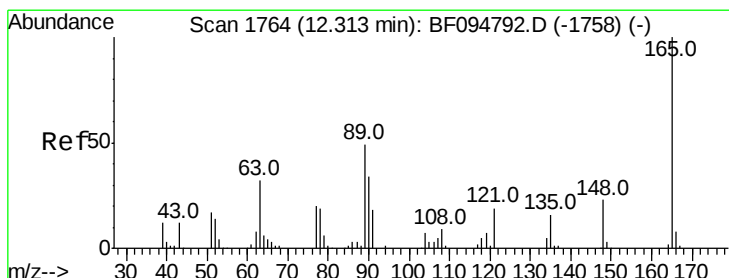
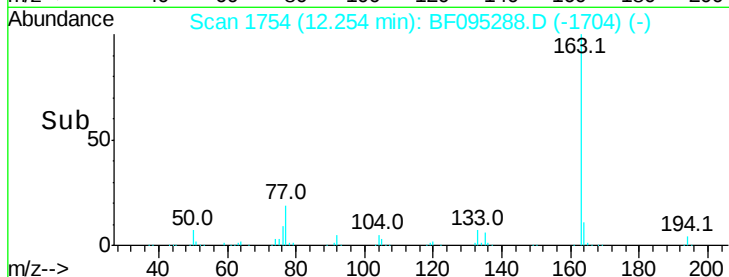
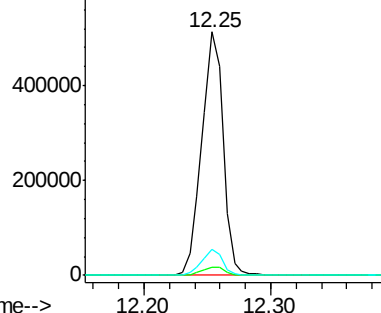
164 10.7 8.4 12.6



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: 42.19 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

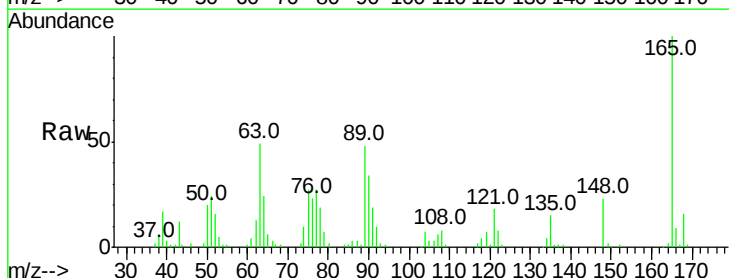
Tgt Ion:165 Resp: 121644

Ion Ratio Lower Upper

165 100

63 48.9 34.3 51.5

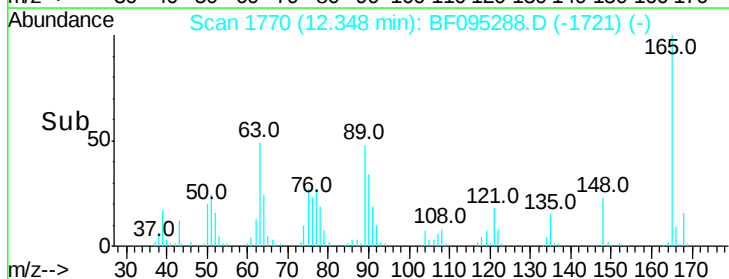
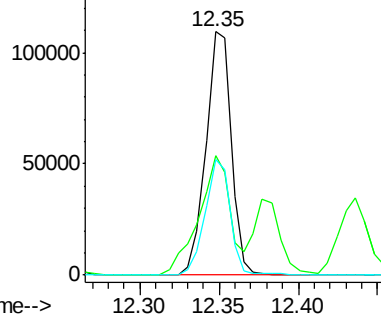
89 47.7 37.1 55.7

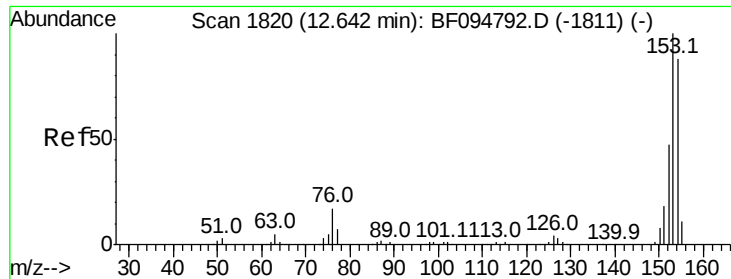


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.89 ng

RT: 12.67 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

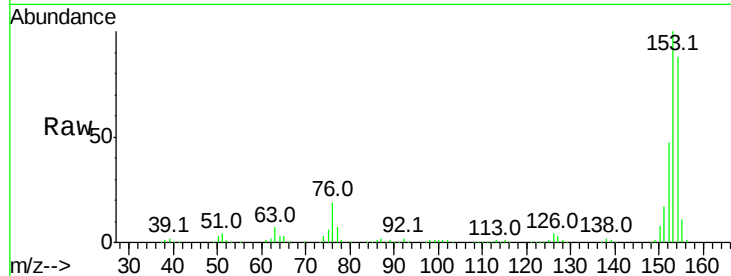
Tot Ion:154 Resp: 436832

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

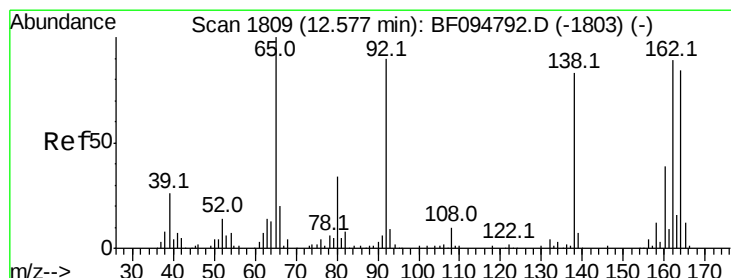
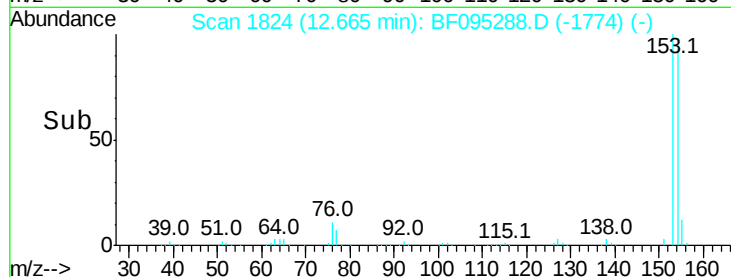
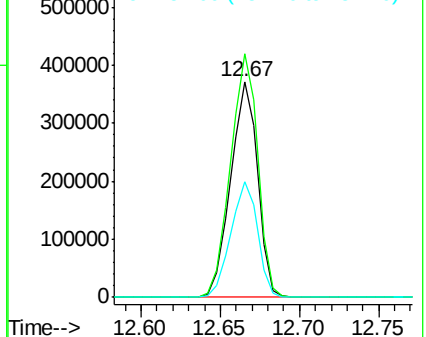
152 53.6 43.6 65.4



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: 42.66 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

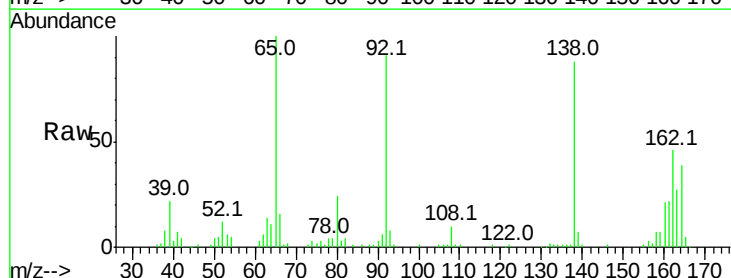
Tgt Ion:138 Resp: 132016

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

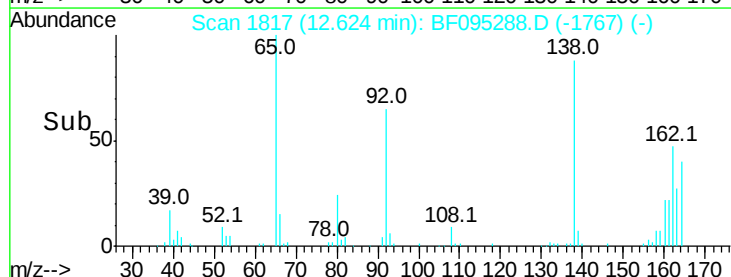
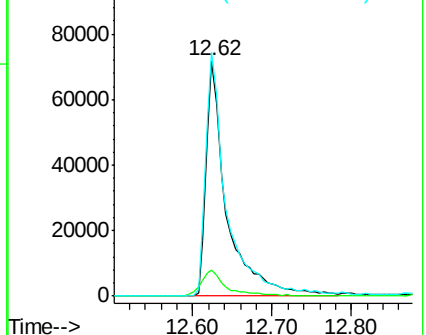
92 103.7 93.8 140.6

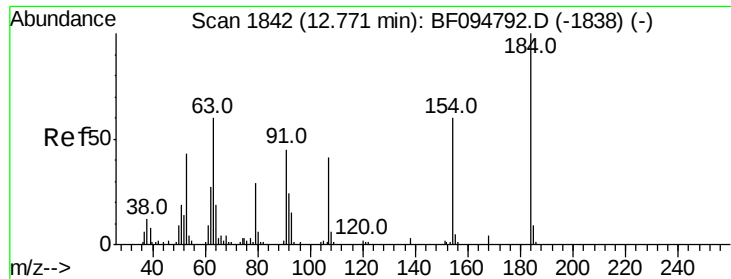


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

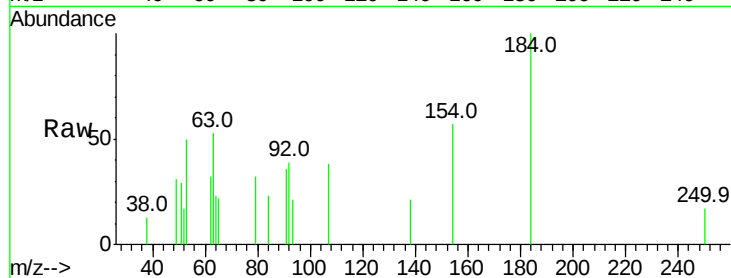




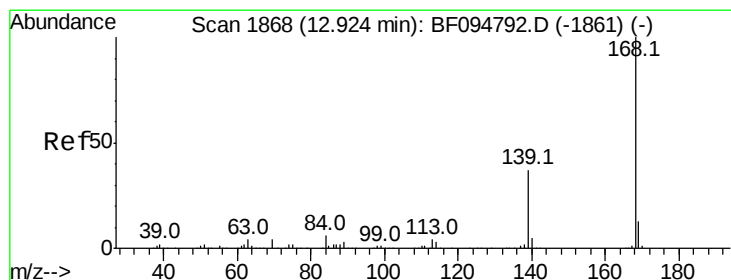
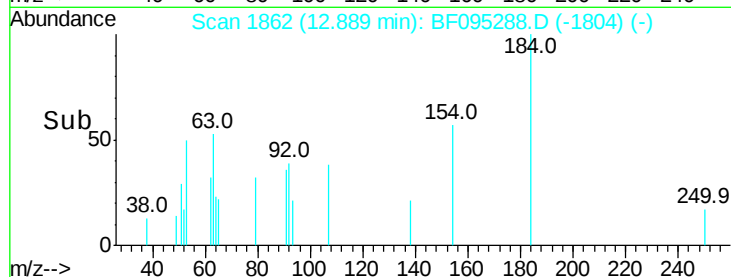
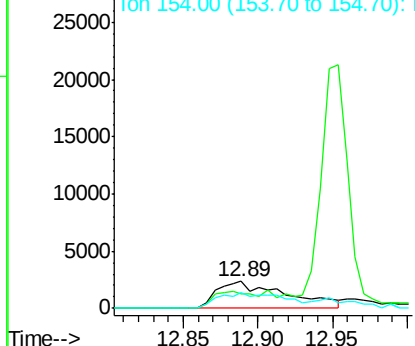
#53
 2,4-Dinitrophenol
 Concen: 10.70 ng
 RT: 12.89 min Scan# 1862
 Delta R.T. 0.04 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 7676
 Ion Ratio Lower Upper
 184 100
 63 53.0 62.7 94.1#
 154 56.7 81.1 121.7#

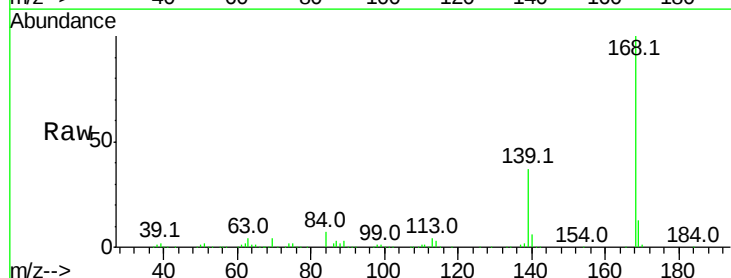


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

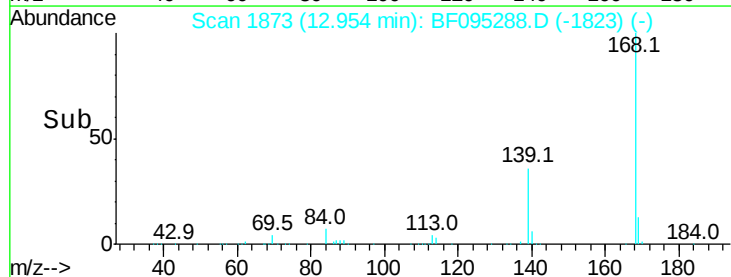
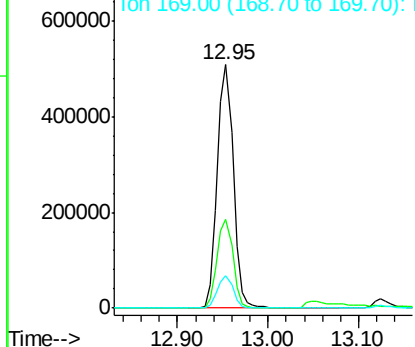


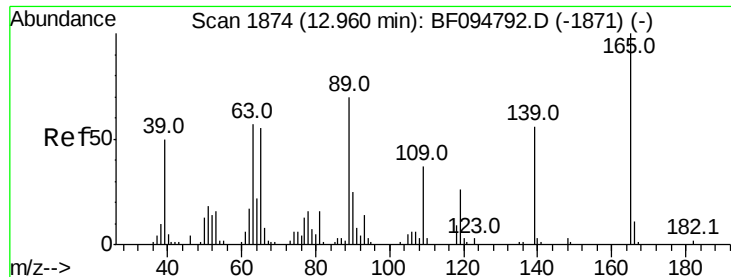
#54
 Dibenzofuran
 Concen: 41.04 ng
 RT: 12.95 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:168 Resp: 621831
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 13.5 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

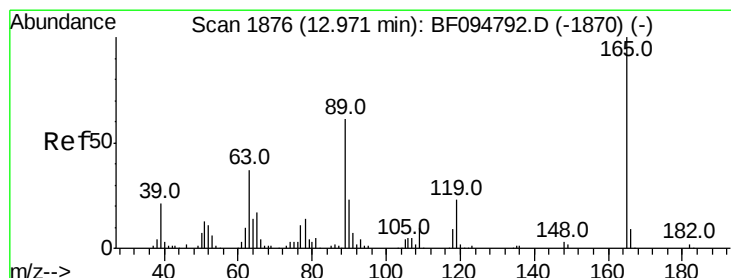
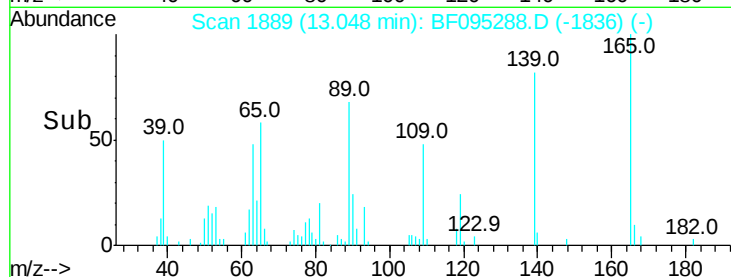
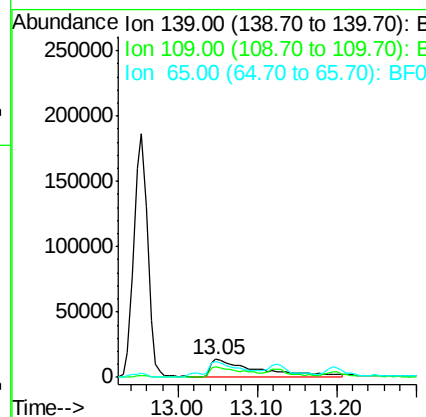
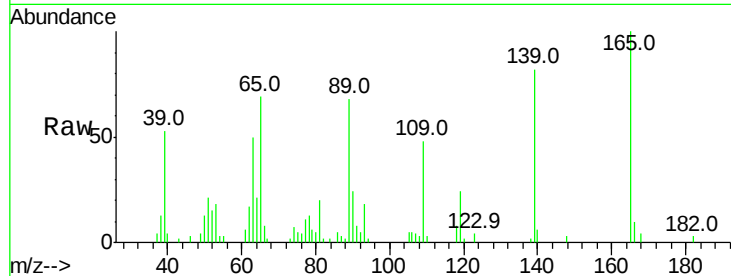




#55
4-Nitrophenol
Concen: 29.33 ng
RT: 13.05 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

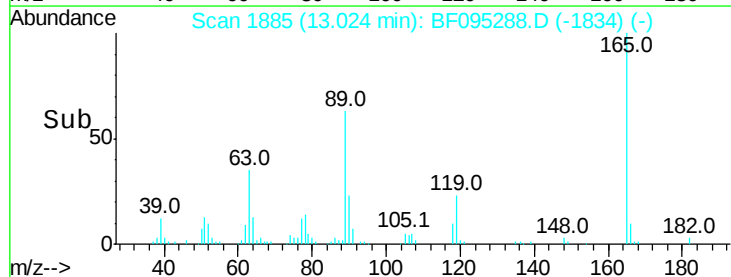
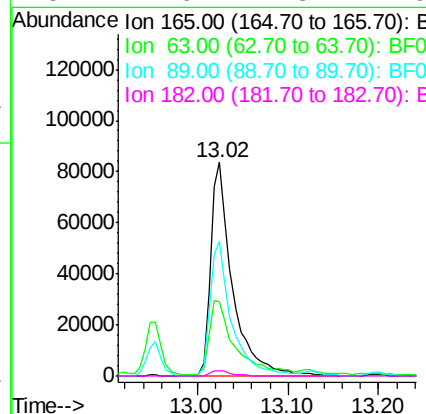
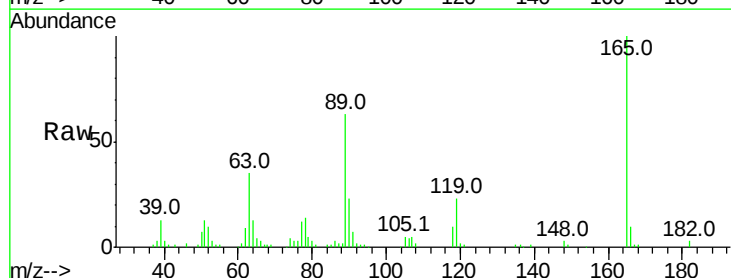
Instrument :
BNA_F
ClientSampled :

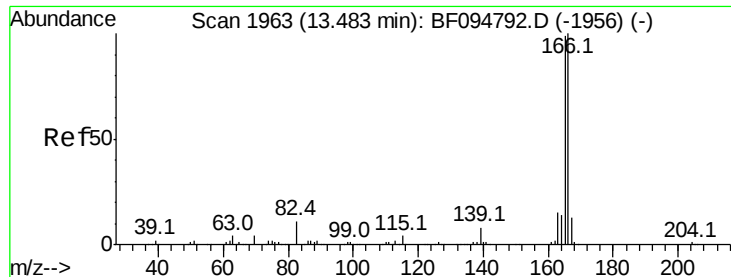
Tot Ion:139 Resp: 54527
Ion Ratio Lower Upper
139 100
109 58.8 34.1 74.1
65 84.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 37.85 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion:165 Resp: 140262
Ion Ratio Lower Upper
165 100
63 35.1 25.4 38.0
89 62.8 46.4 69.6
182 2.6 1.8 2.6





#57

Fluorene

Concen: 38.48 ng

RT: 13.51 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

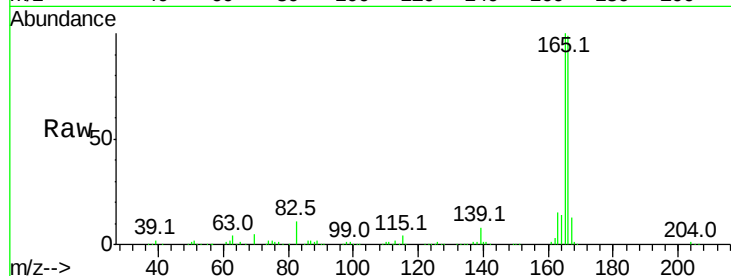
Tot Ion:166 Resp: 507024

Ion Ratio Lower Upper

166 100

165 101.5 78.8 118.2

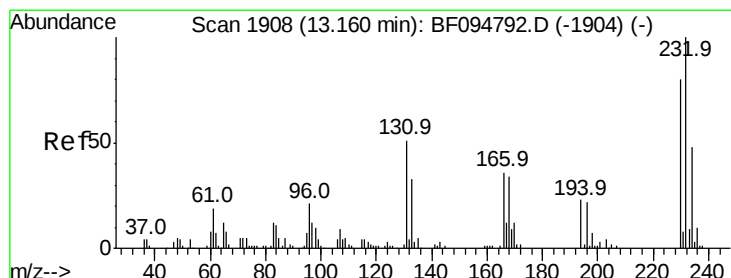
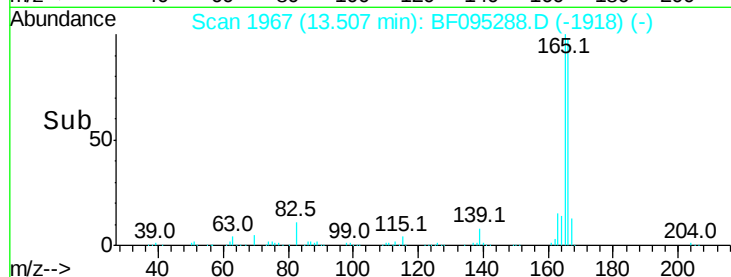
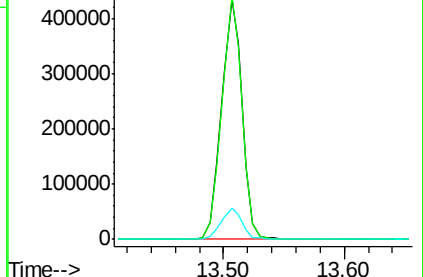
167 13.1 10.6 16.0



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: 38.73 ng

RT: 13.20 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Tgt Ion:232 Resp: 92611

Ion Ratio Lower Upper

232 100

131 51.7 44.8 67.2

130 2.2 2.3 3.5#

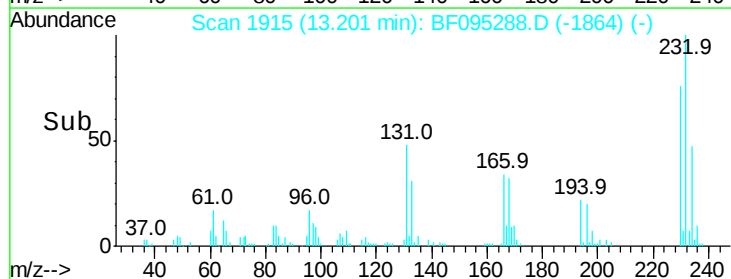
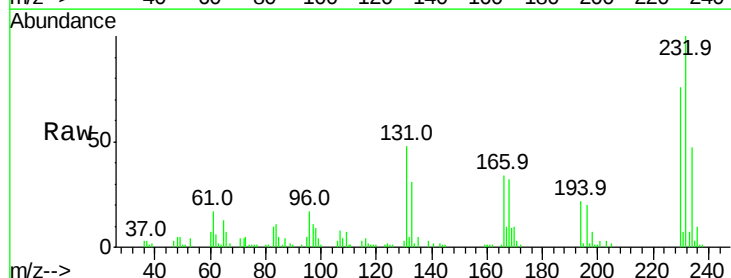
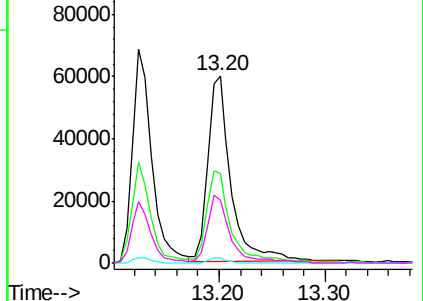
166 36.0 29.0 43.4

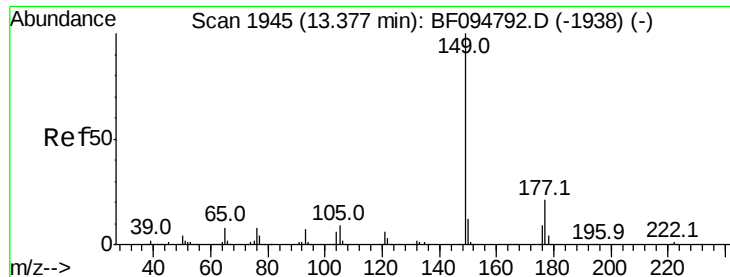
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

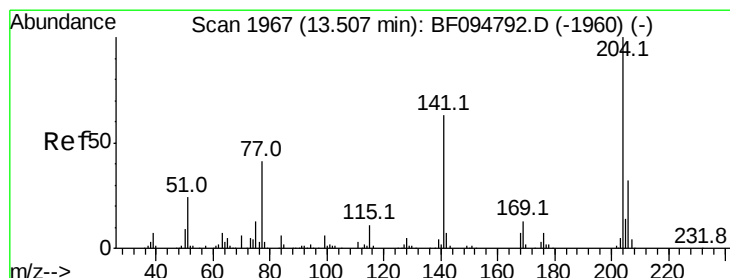
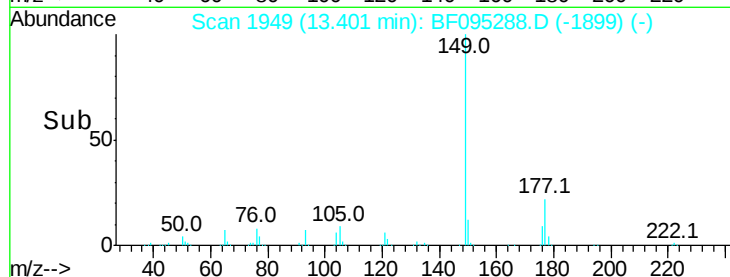
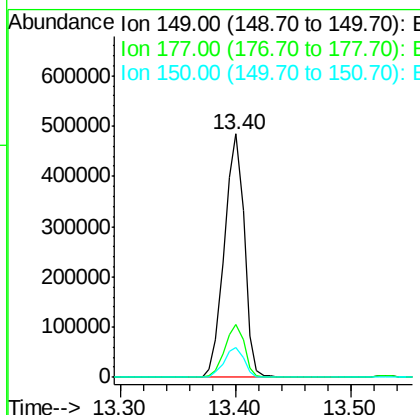
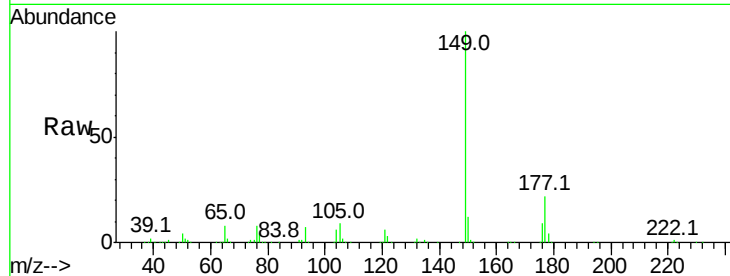




#59
 Diethylphthalate
 Concen: 42.70 ng
 RT: 13.40 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

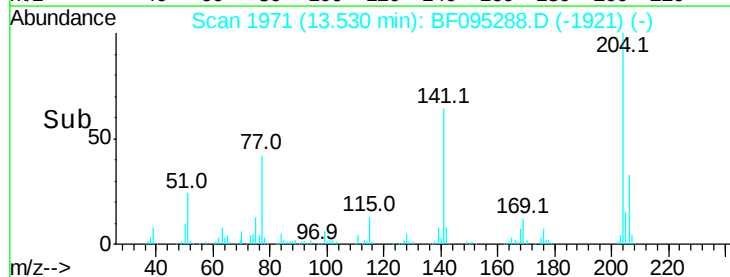
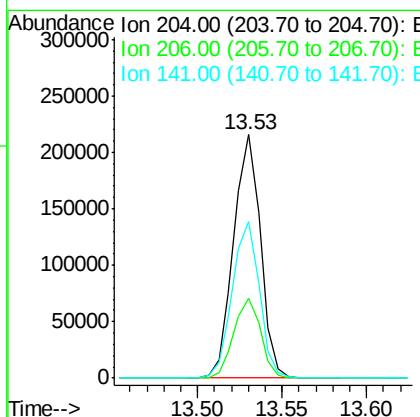
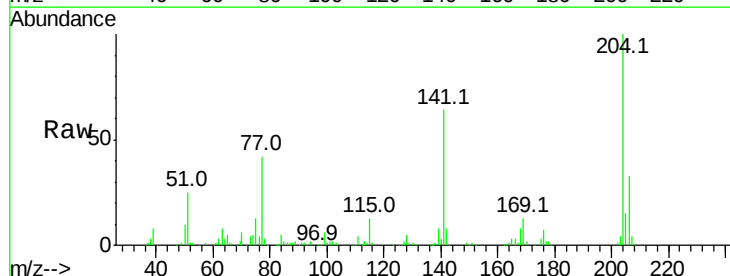
Instrument :
 BNA_F
 ClientSampleId :

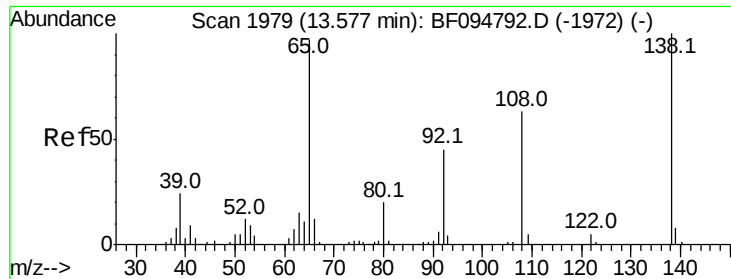
Tot Ion:	149	Resp:	578471
Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.1	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 41.39 ng
 RT: 13.53 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:	204	Resp:	239676
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	64.1	60.8	91.2

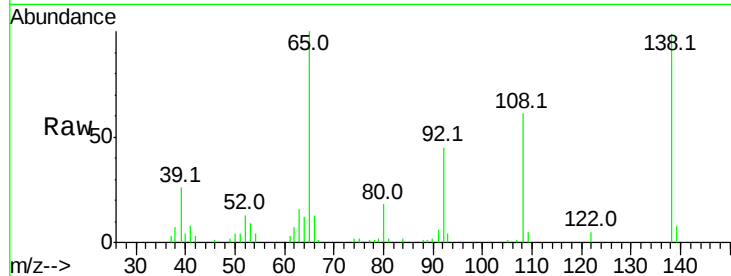




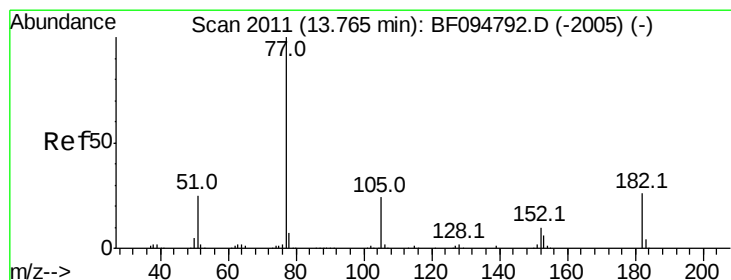
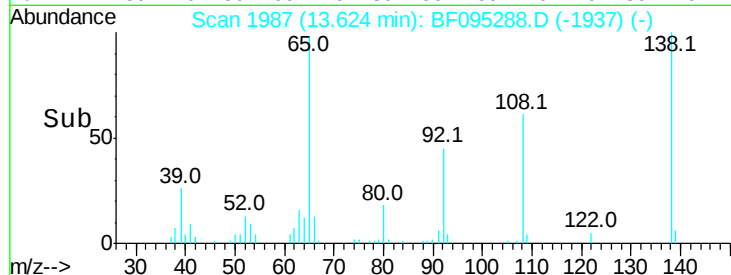
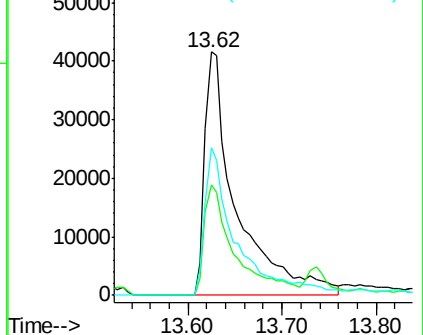
#61
4-Nitroaniline
Concen: 34.63 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 98402
Ion Ratio Lower Upper
138 100
92 45.2 21.8 61.8
108 60.9 42.3 82.3

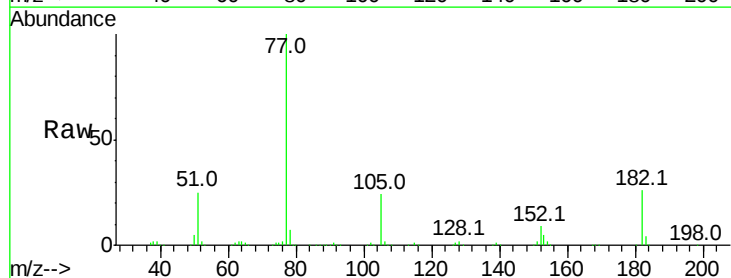


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

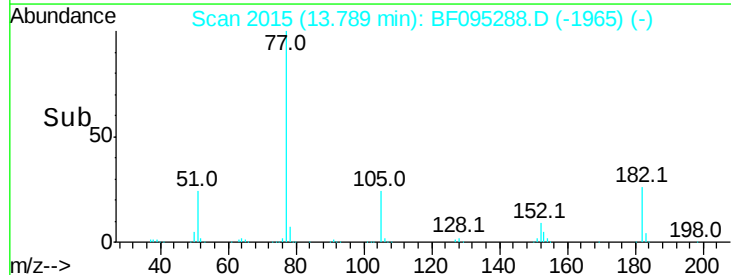
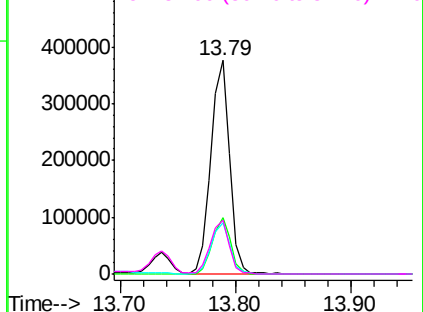


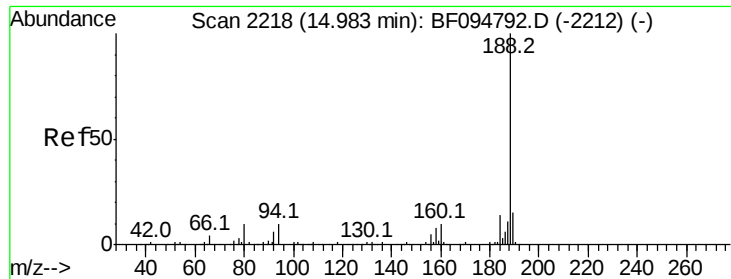
#62
Azobenzene
Concen: 38.84 ng
RT: 13.79 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion: 77 Resp: 422807
Ion Ratio Lower Upper
77 100
182 26.1 0.1 40.1
105 24.1 3.6 43.6
51 25.0 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: 15.02 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

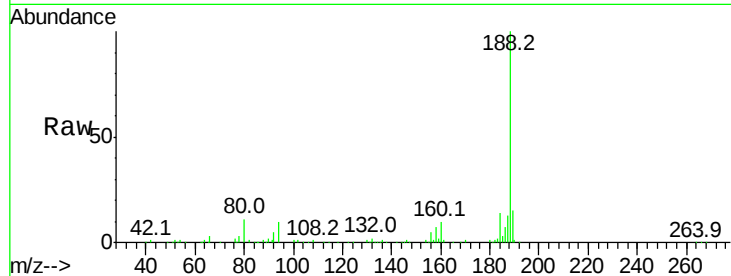
Tot Ion:188 Resp: 246877

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

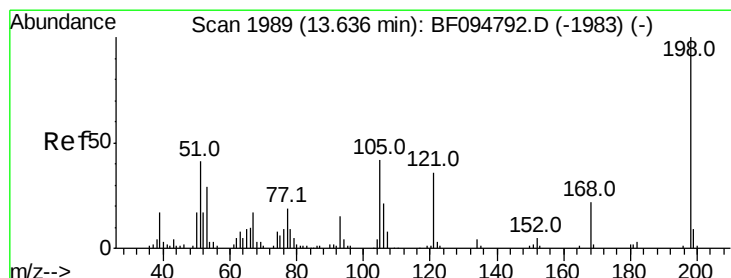
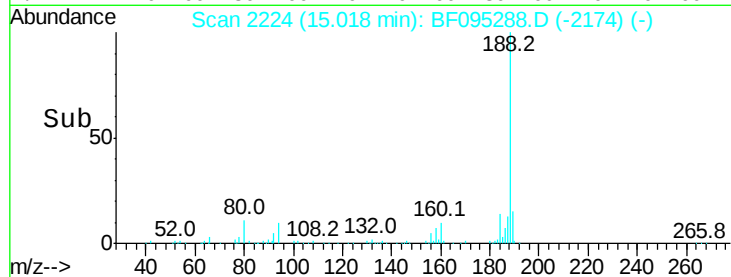
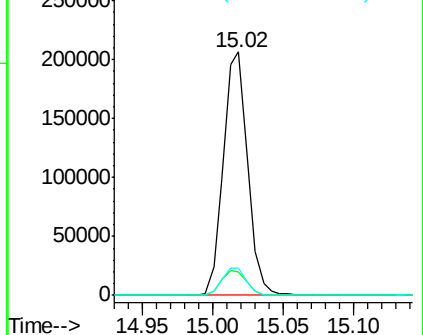
80 11.0 10.2 15.2



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: 12.70 ng

RT: 13.70 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

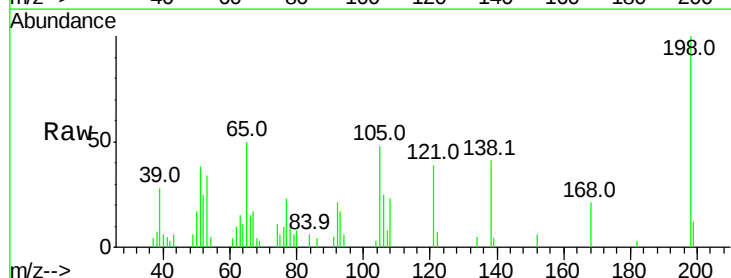
Tgt Ion:198 Resp: 21026

Ion Ratio Lower Upper

198 100

51 38.0 53.2 93.2#

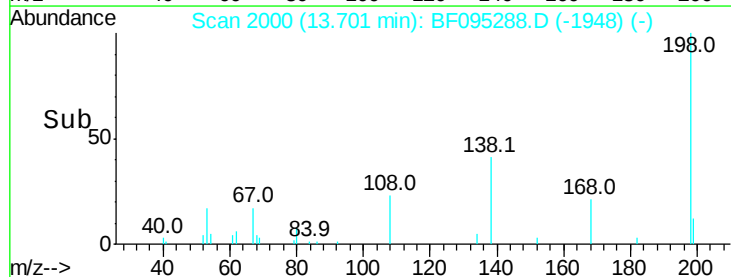
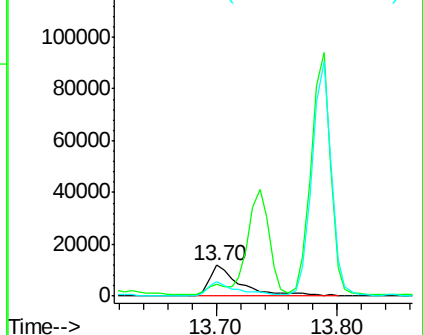
105 47.8 45.8 85.8

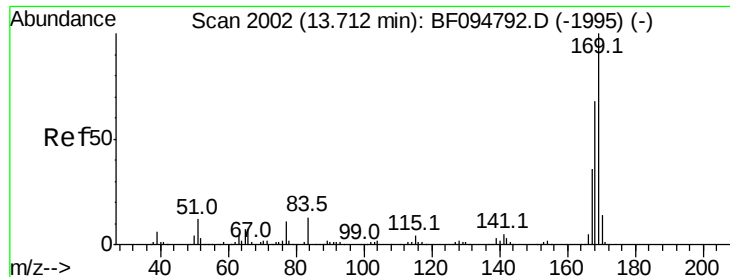


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.01 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampled :

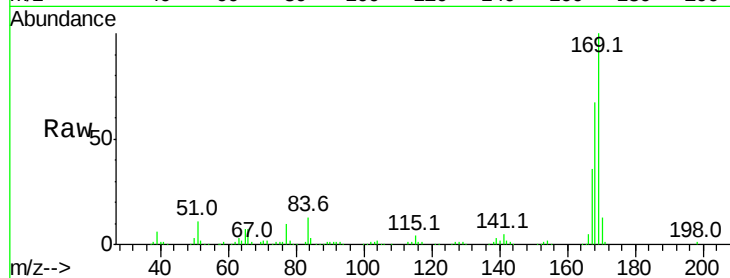
Tot Ion:169 Resp: 430194

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

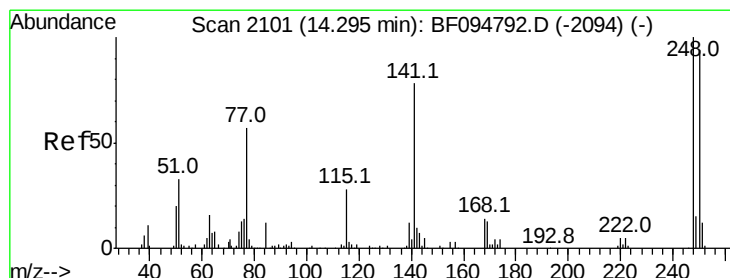
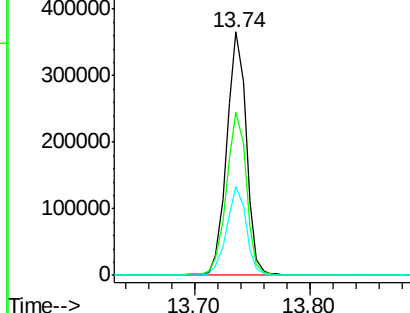
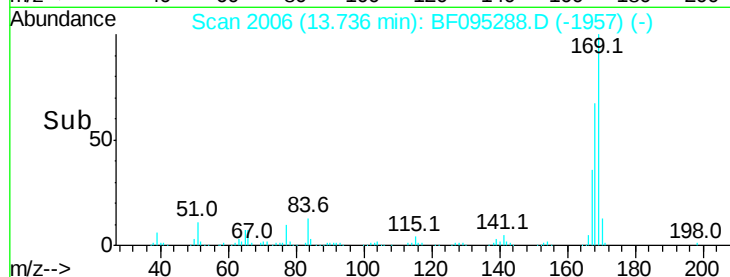
167 36.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.01 ng

RT: 14.32 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

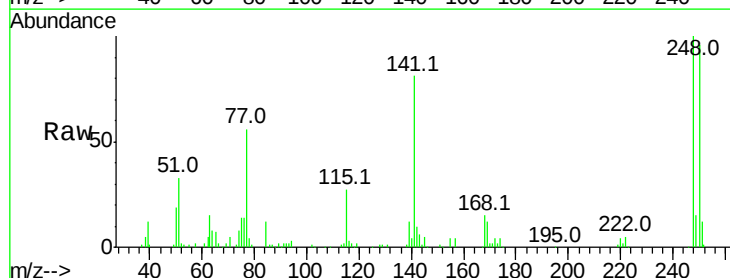
Tgt Ion:248 Resp: 127822

Ion Ratio Lower Upper

248 100

250 96.2 76.8 115.2

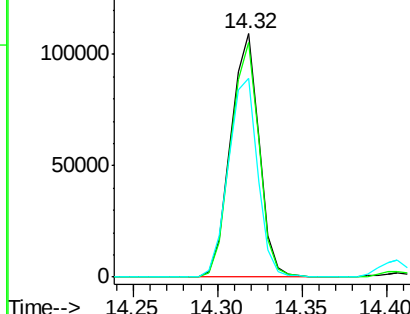
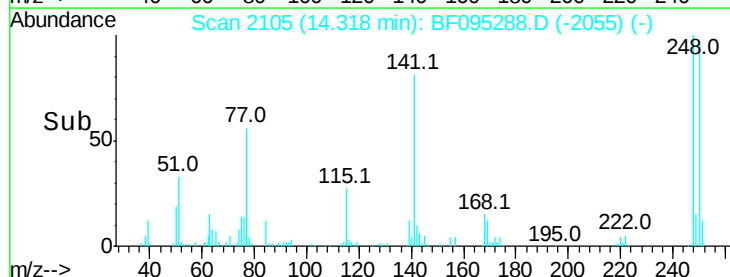
141 81.4 68.6 103.0

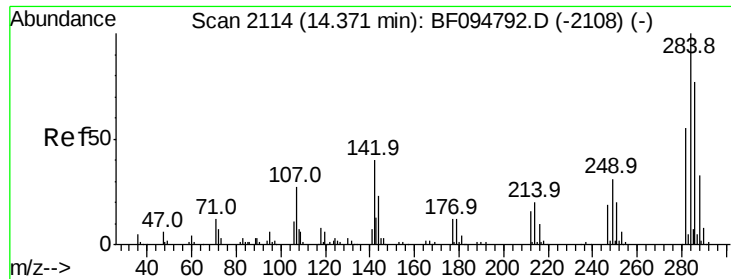


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.28 ng

RT: 14.41 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampled :

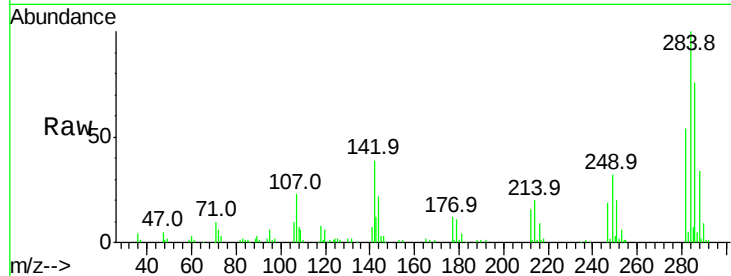
Tot Ion:284 Resp: 115701

Ion Ratio Lower Upper

284 100

142 39.3 22.8 34.2#

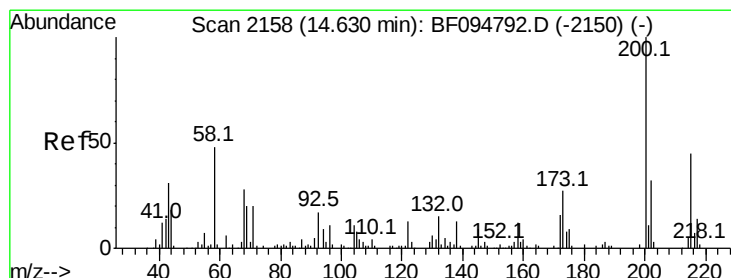
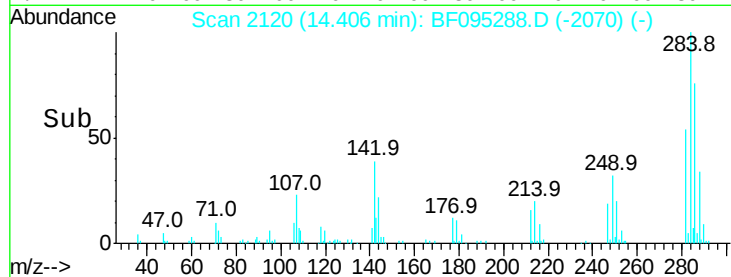
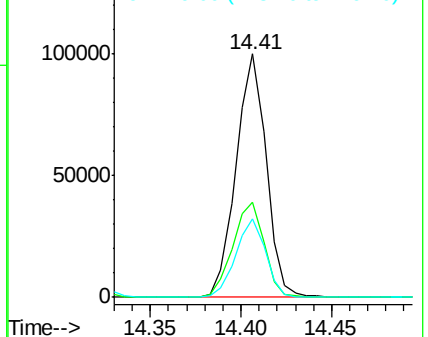
249 32.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.27 ng

RT: 14.66 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

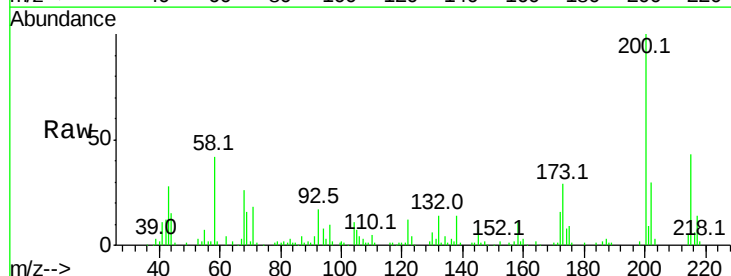
Tgt Ion:200 Resp: 111986

Ion Ratio Lower Upper

200 100

173 28.9 6.3 46.3

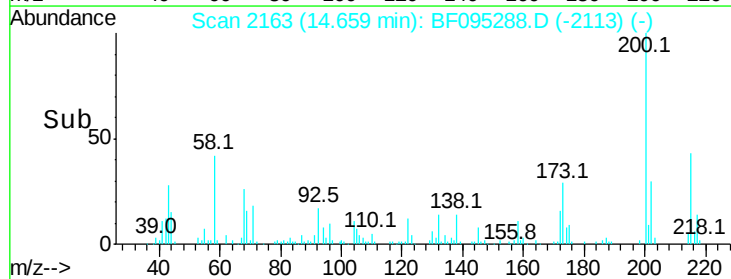
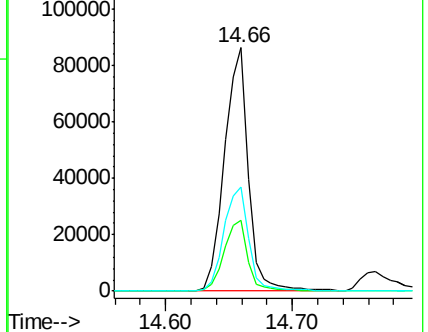
215 42.7 27.2 67.2

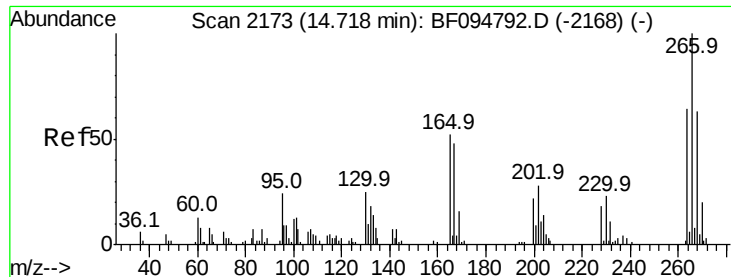


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

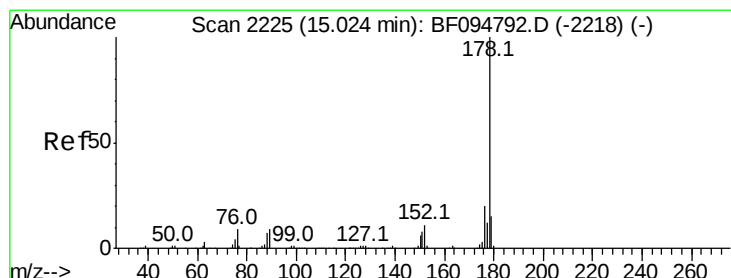
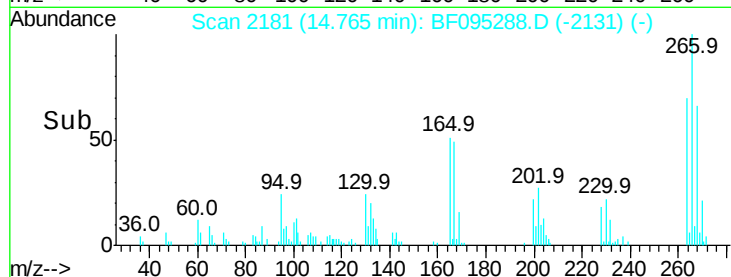
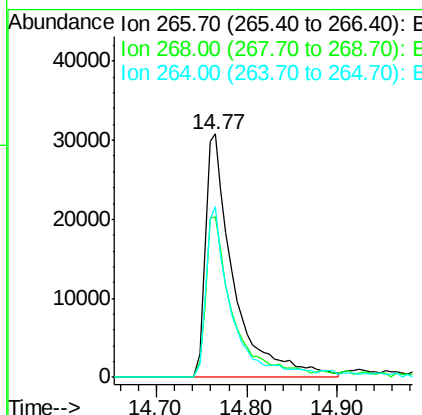
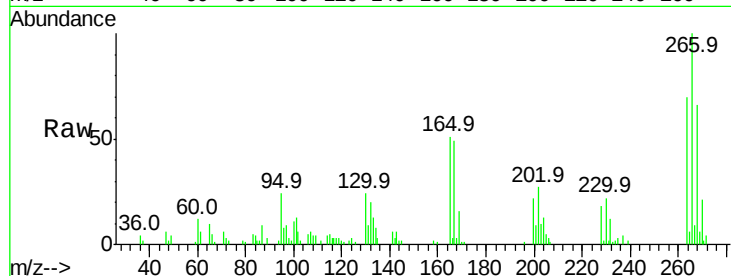




#69
 Pentachlorophenol
 Concen: 57.20 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

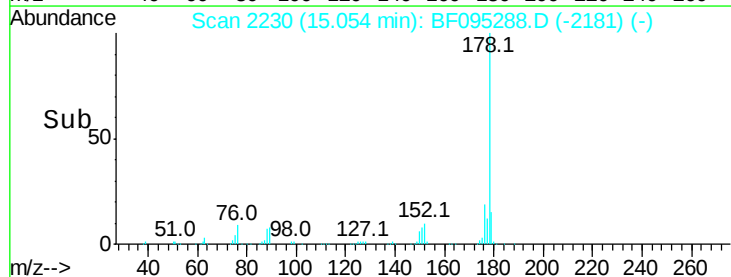
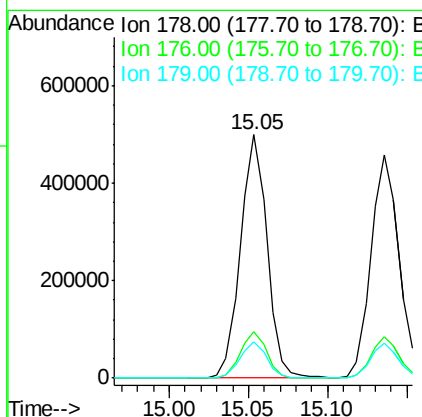
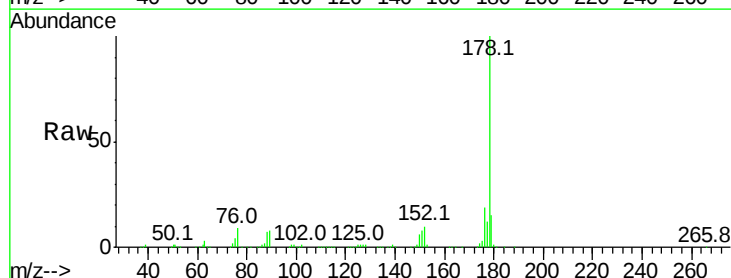
Instrument :
 BNA_F
 ClientSampleId :

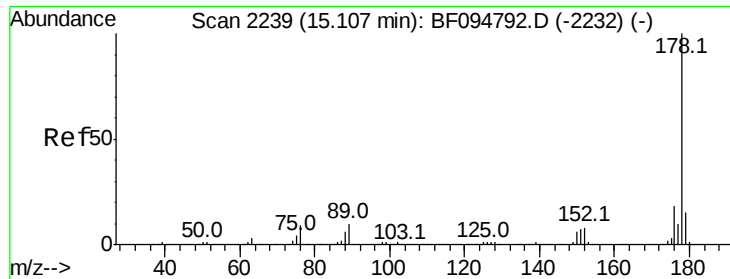
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.1	76.7
264	69.9	51.7	77.5



#70
 Phenanthrene
 Concen: 40.98 ng
 RT: 15.05 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	14.9	12.6	19.0

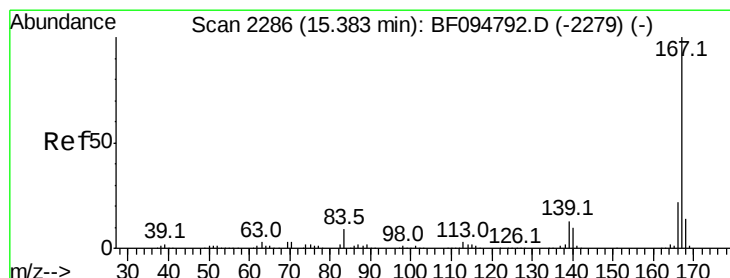
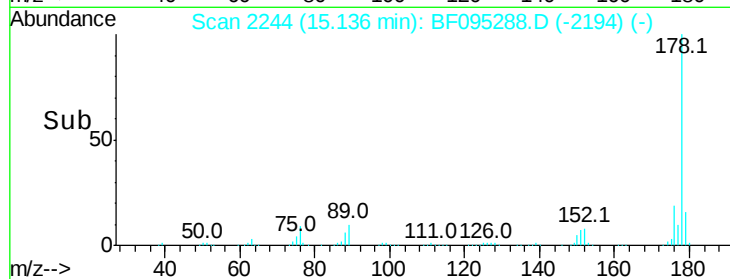
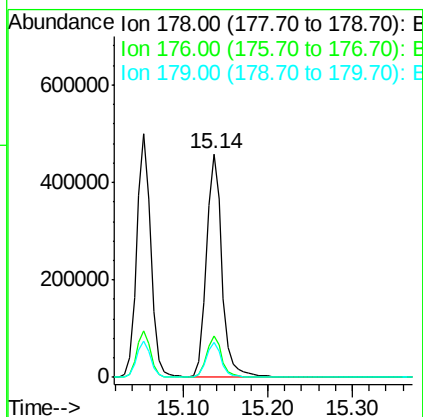
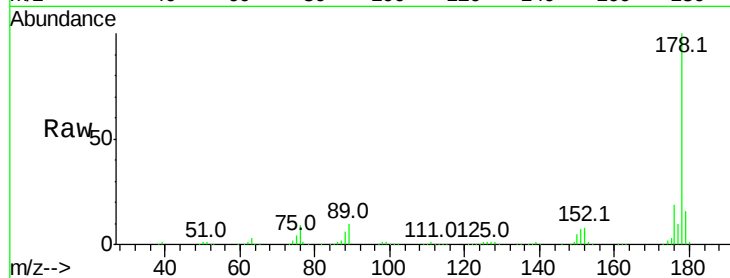




#71
 Anthracene
 Concen: 40.78 ng
 RT: 15.14 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

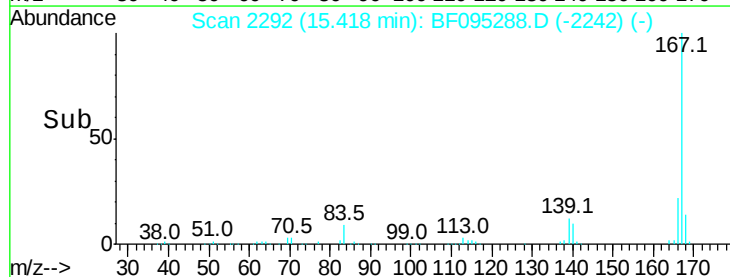
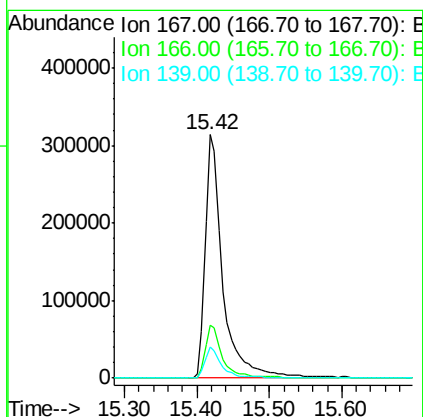
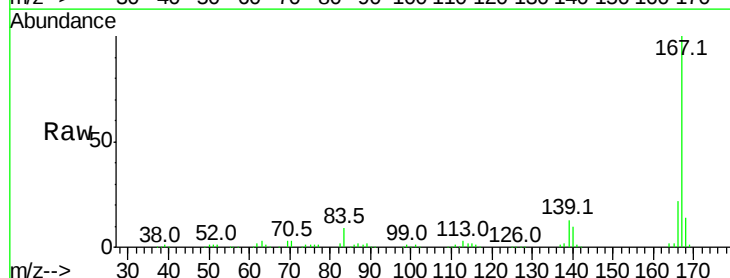
Instrument :
 BNA_F
 ClientSampleId :

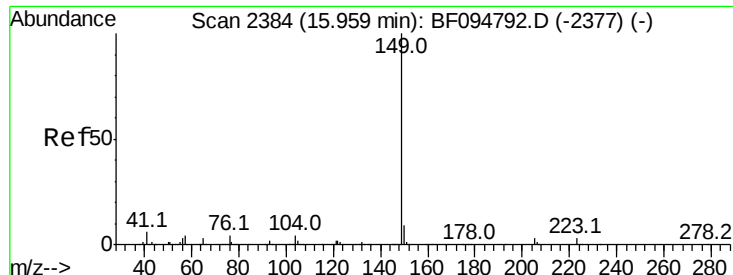
Tot Ion:178 Resp: 590935
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 40.28 ng
 RT: 15.42 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:167 Resp: 530974
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 12.8 11.7 17.5

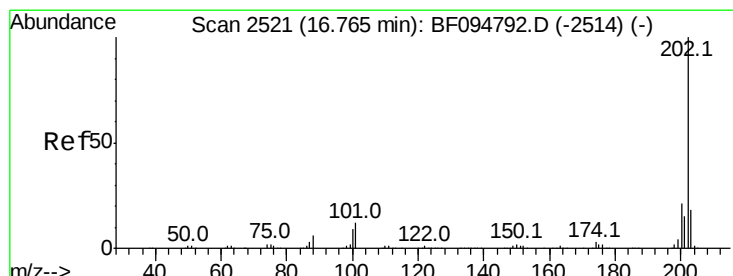
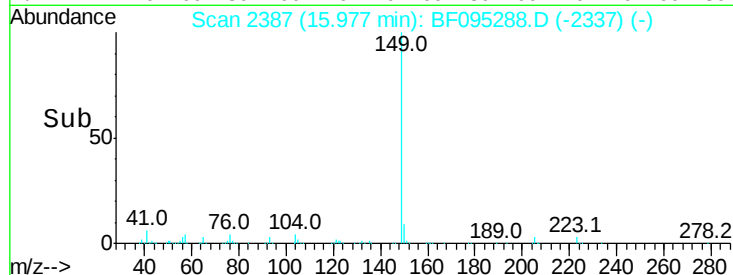
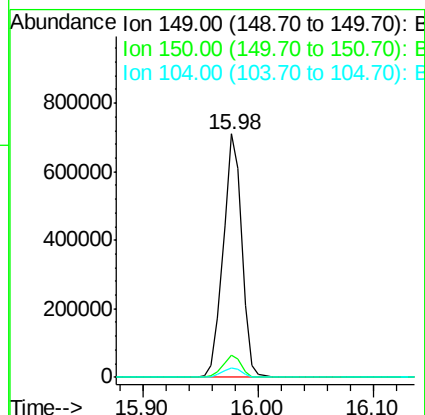
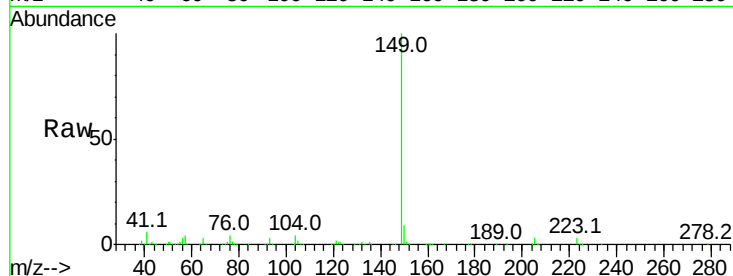




#73
Di-n-butylphthalate
Concen: 48.14 ng
RT: 15.98 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

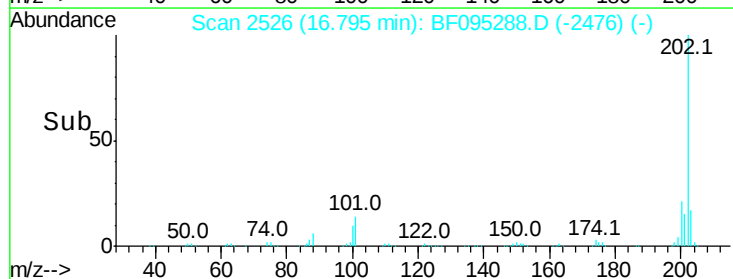
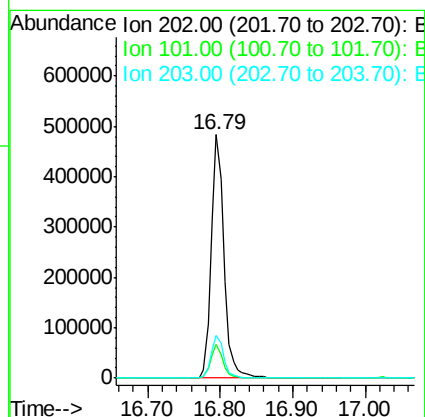
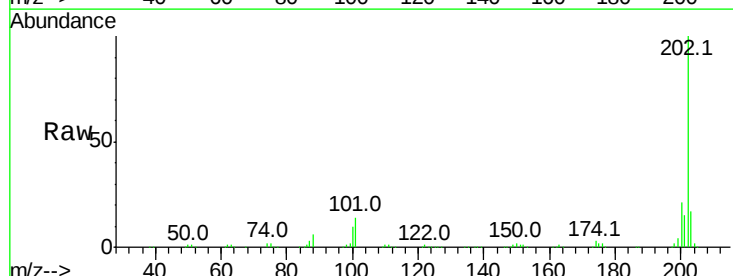
Instrument :
BNA_F
ClientSampleId :

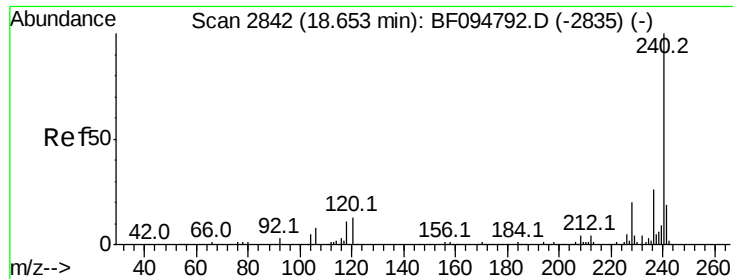
Tot Ion:149 Resp: 791520
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 40.56 ng
RT: 16.79 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion:202 Resp: 590219
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.2
203 17.3 0.0 38.1

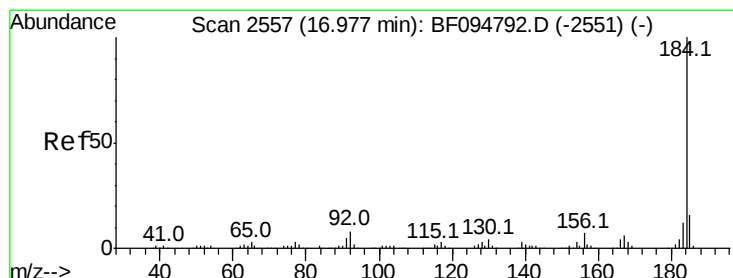
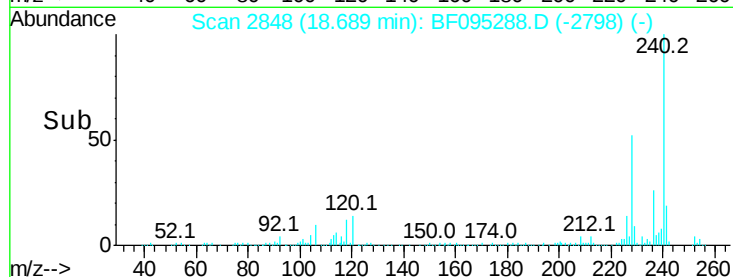
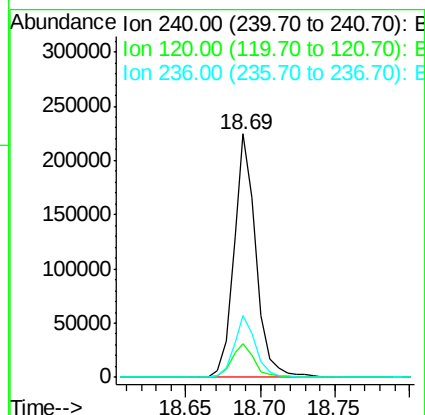
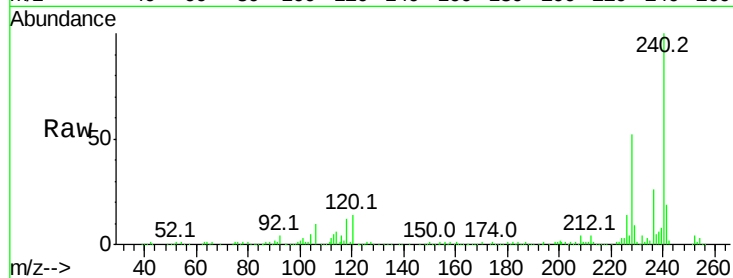




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

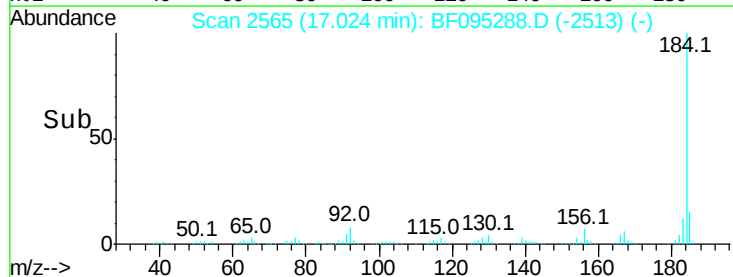
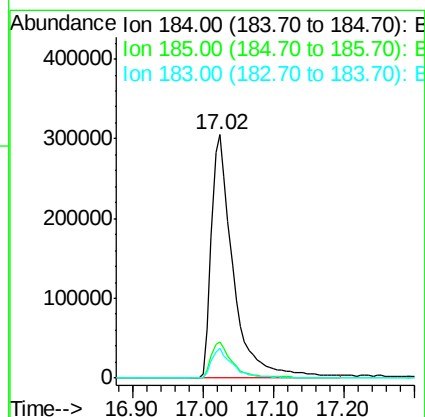
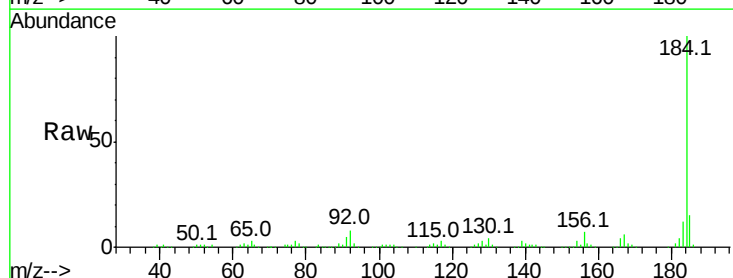
Instrument :
 BNA_F
 ClientSampleId :

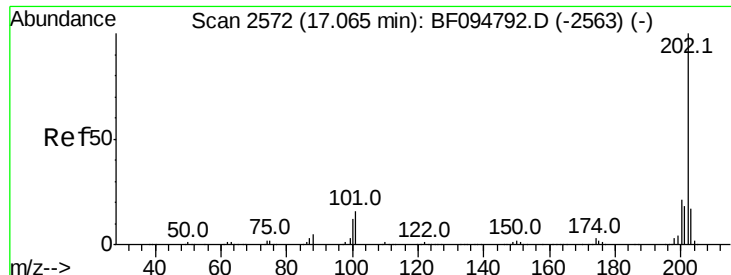
Tot Ion:240 Resp: 232048
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 25.7 20.5 30.7



#76
 Benzidine
 Concen: 97.48 ng
 RT: 17.02 min Scan# 2565
 Delta R.T. 0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:184 Resp: 661147
 Ion Ratio Lower Upper
 184 100
 185 14.9 15.5 23.3#
 183 12.4 9.8 14.6

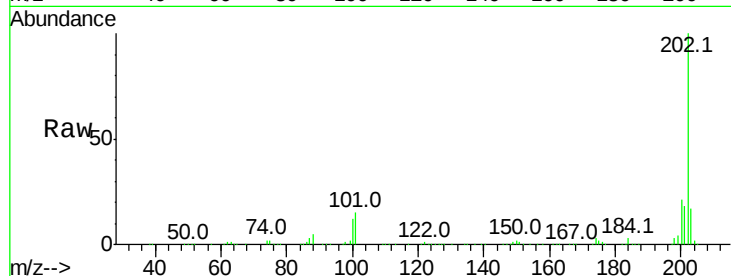




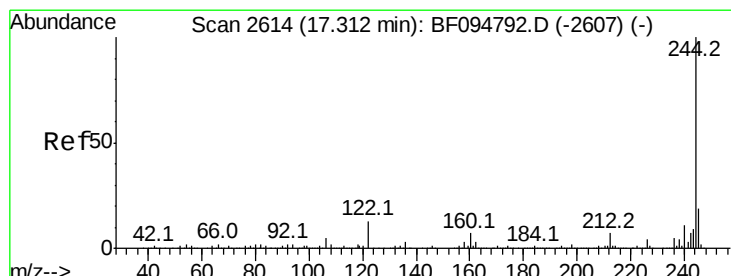
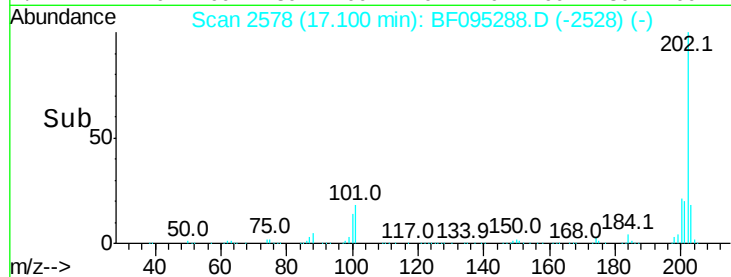
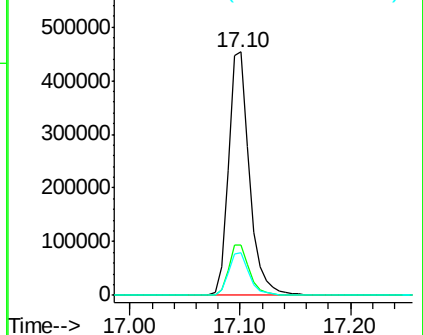
#77
Pvrene
Concen: 34.80 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 603952
Ion Ratio Lower Upper
202 100
200 20.6 17.6 26.4
203 17.4 14.4 21.6

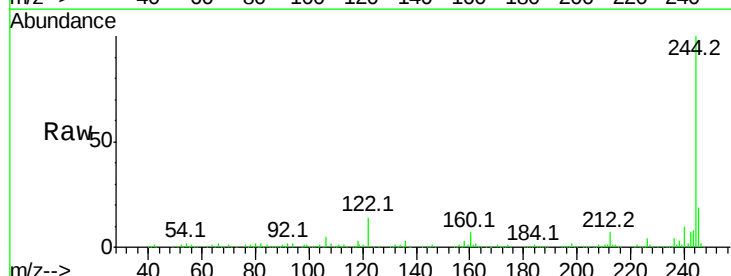


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

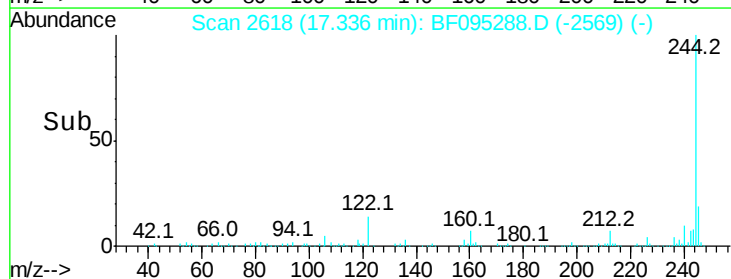
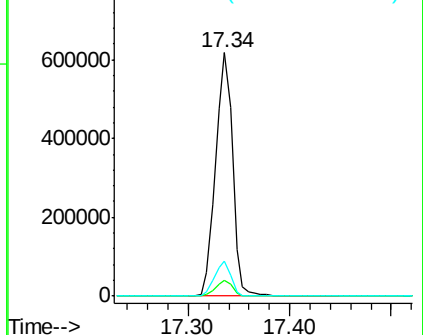


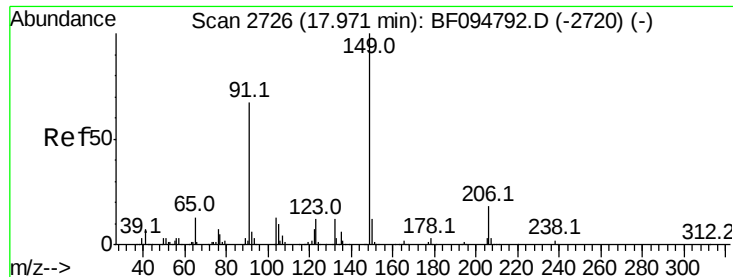
#78
Terphenyl-d14
Concen: 68.70 ng
RT: 17.34 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion:244 Resp: 723820
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 14.4 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

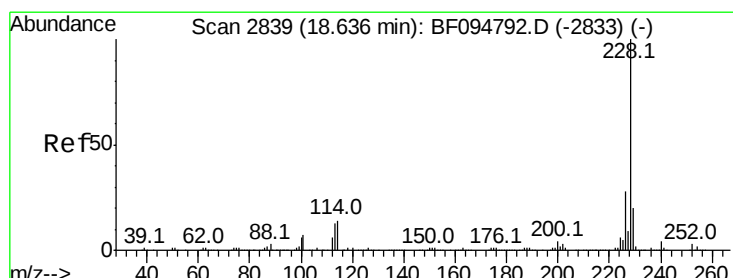
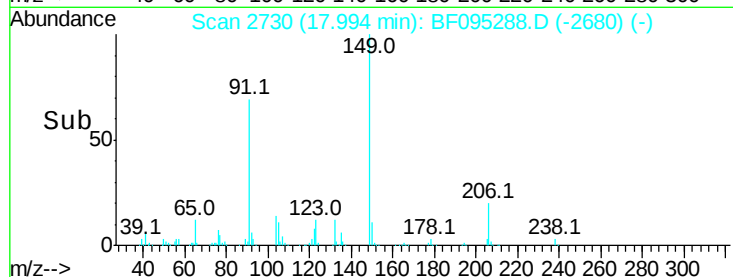
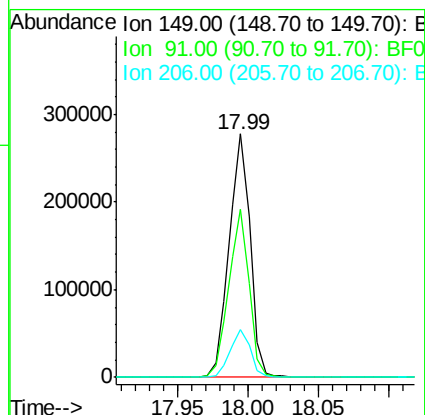
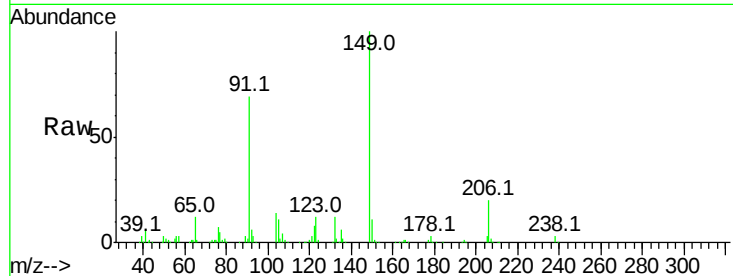




#79
Butylbenzylphthalate
Concen: 35.60 ng
RT: 17.99 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

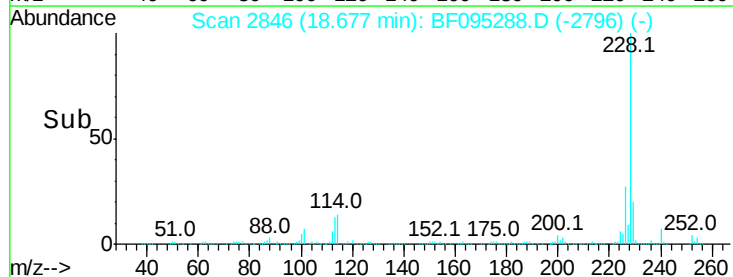
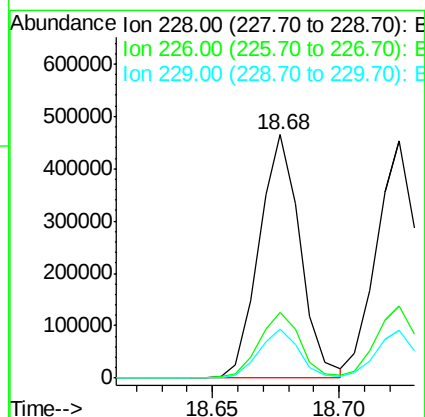
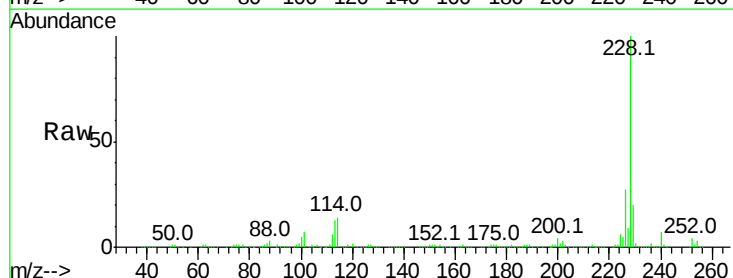
Instrument :
BNA_F
ClientSampleId :

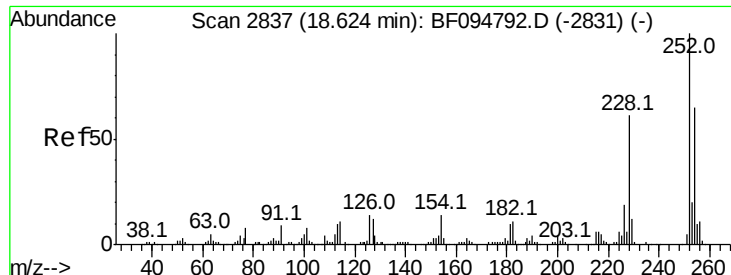
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	45.0	67.4#
206	19.6	17.0	25.6



#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	20.2	16.3	24.5

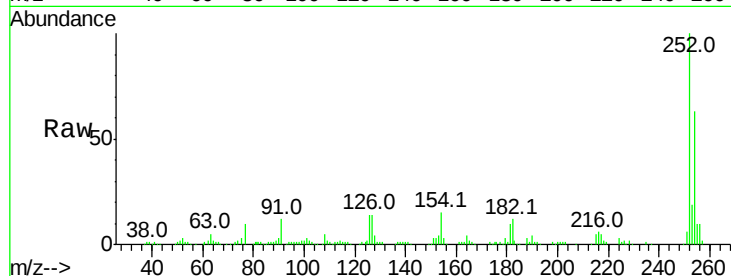




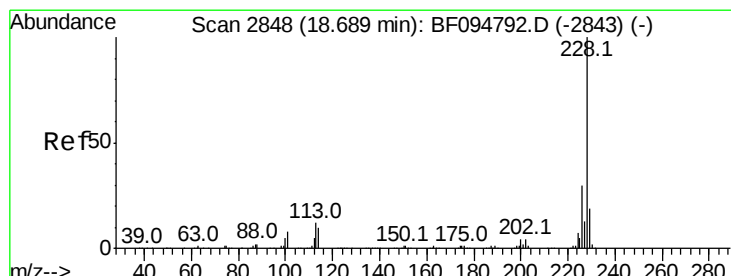
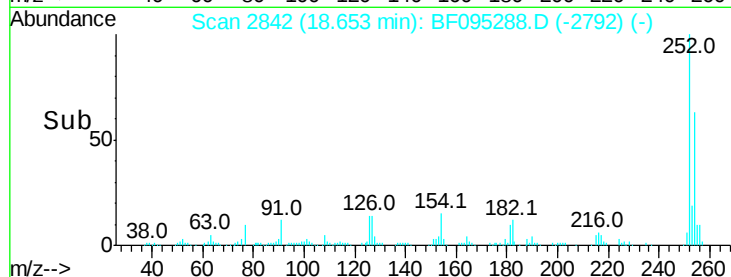
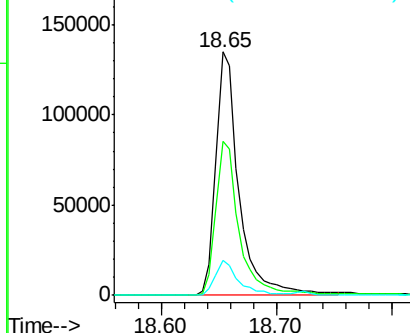
#81
 3,3'-Dichlorobenzidine
 Concen: 40.61 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.5	77.3
126	14.1	15.8	23.8#

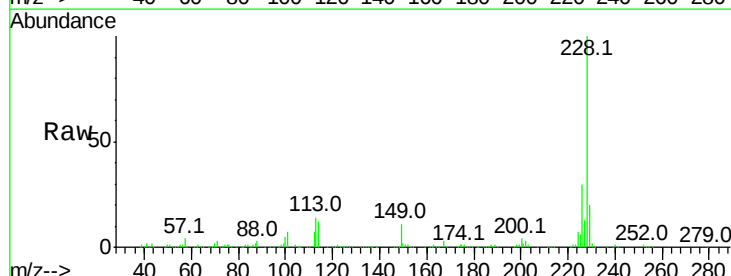


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

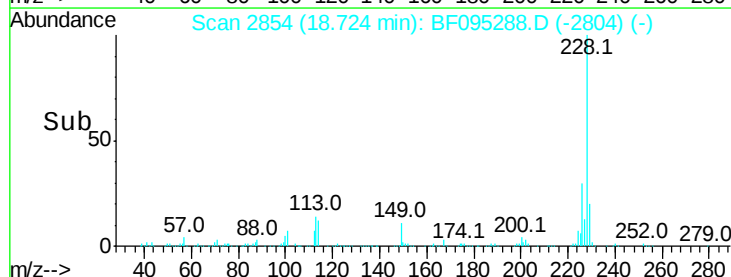
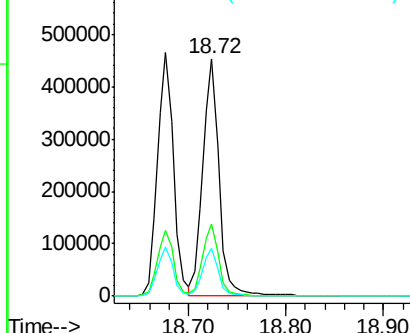


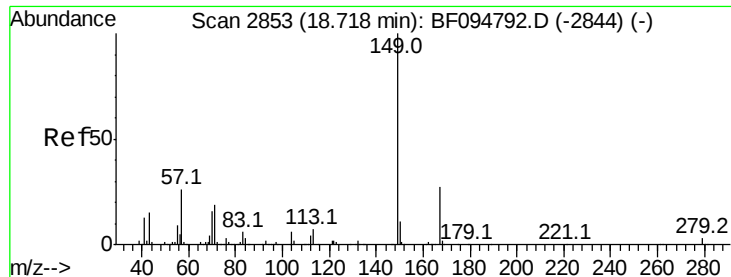
#82
 Chrysene
 Concen: 40.09 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.9	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

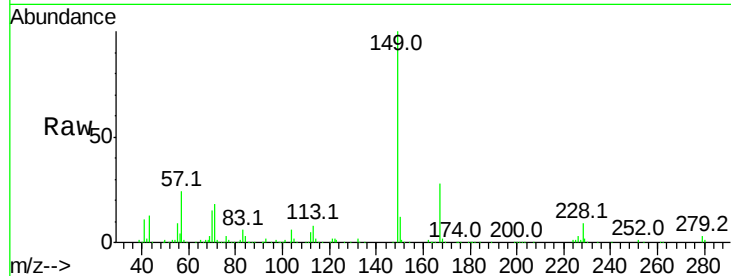




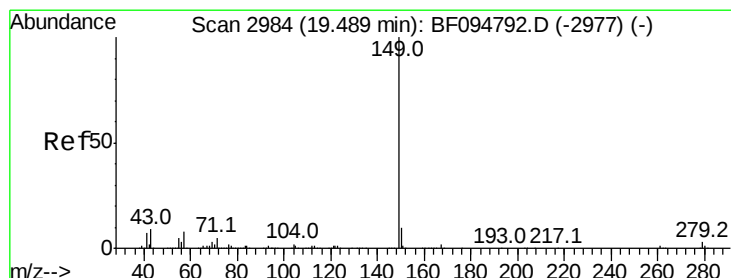
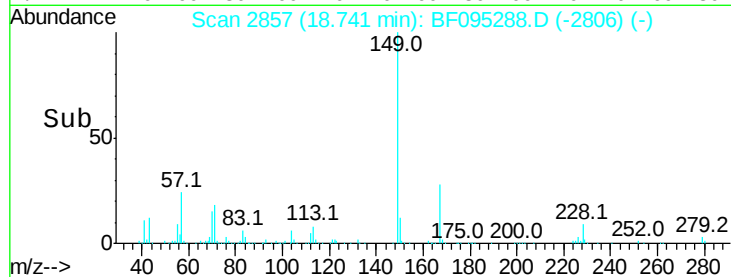
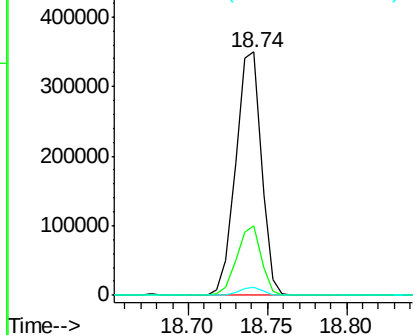
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.11 ng
 RT: 18.74 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.0	31.4
279	3.4	1.9	2.9#

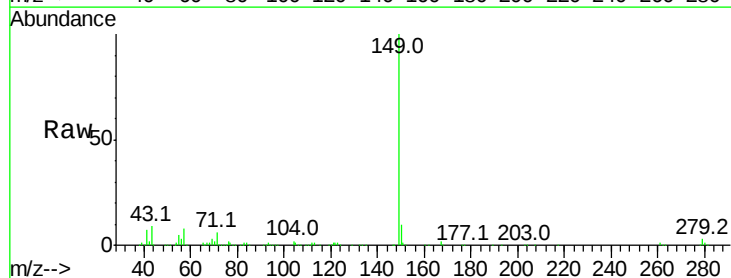


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

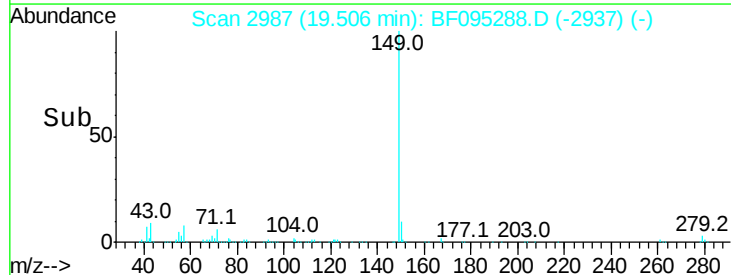
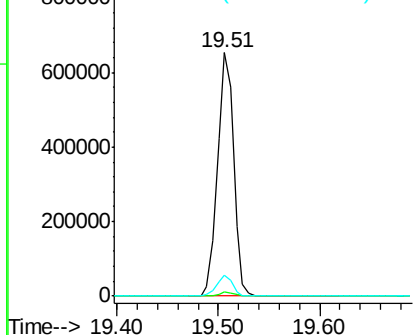


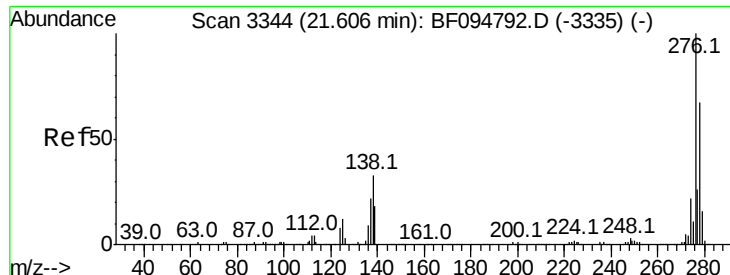
#84
 Di-n-octyl phthalate
 Concen: 38.38 ng
 RT: 19.51 min Scan# 2987
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

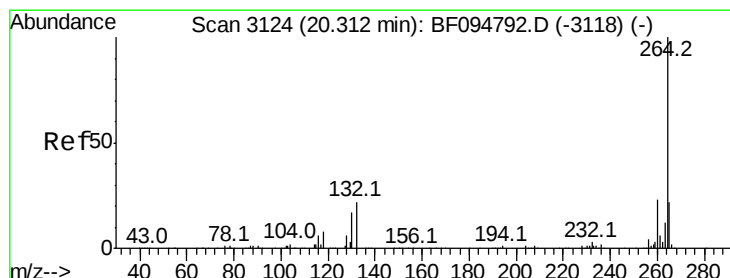
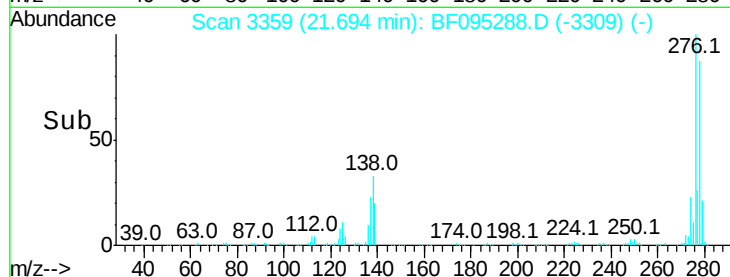
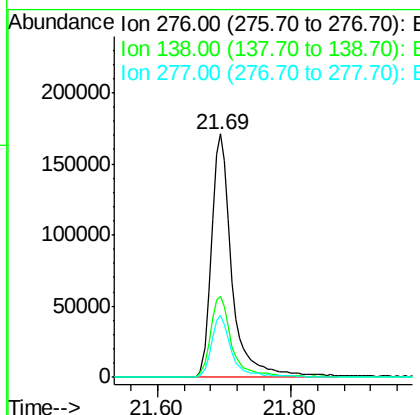
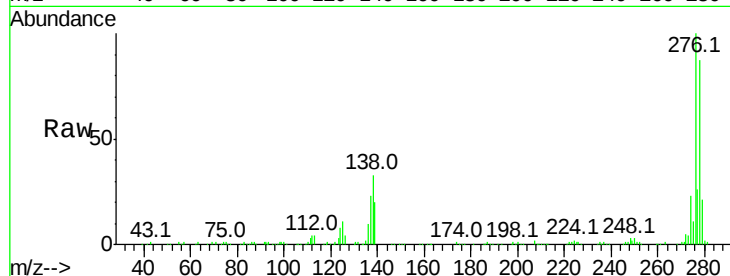




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.97 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

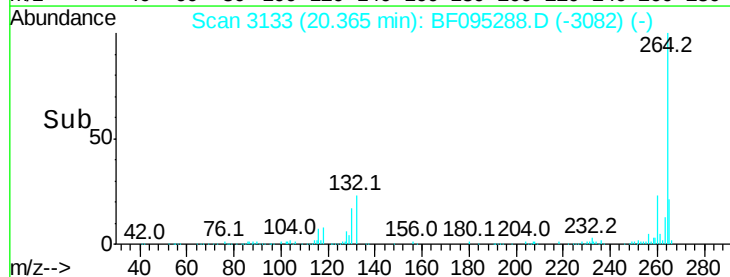
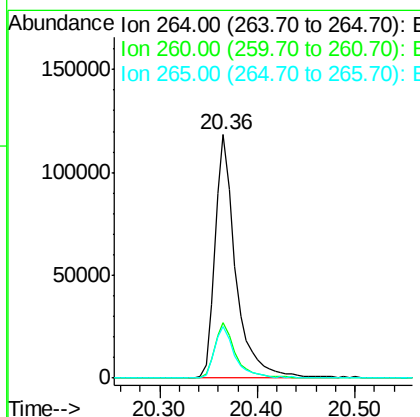
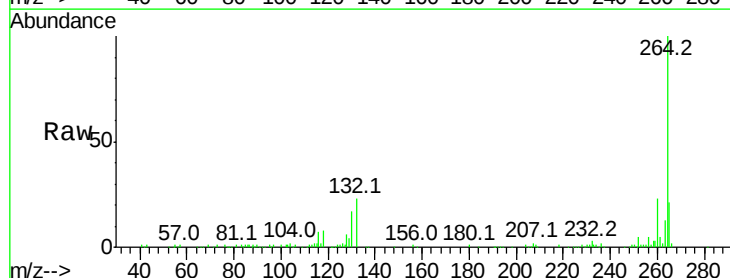
Instrument :
 BNA_F
 ClientSampleId :

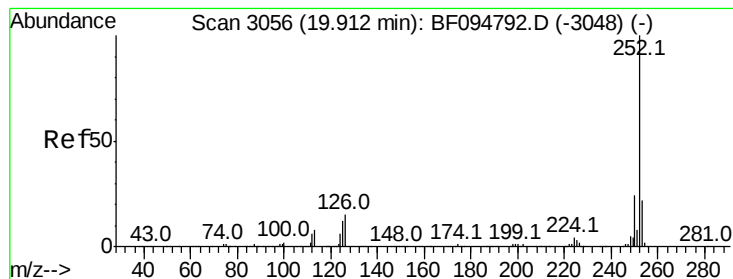
Tot Ion:276 Resp: 370861
 Ion Ratio Lower Upper
 276 100
 138 34.7 27.8 41.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095288.D
 Acq: 20 May 2017 6:12

Tgt Ion:264 Resp: 174751
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 37.88 ng

RT: 19.95 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

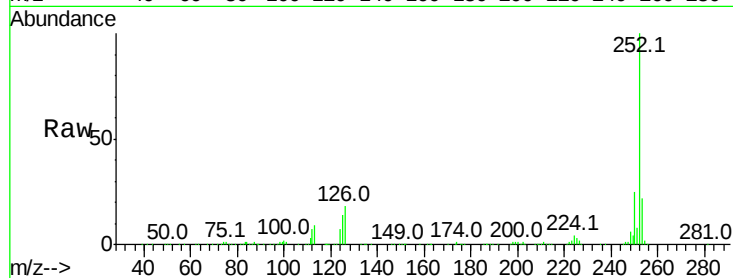
Tot Ion:252 Resp: 409085

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

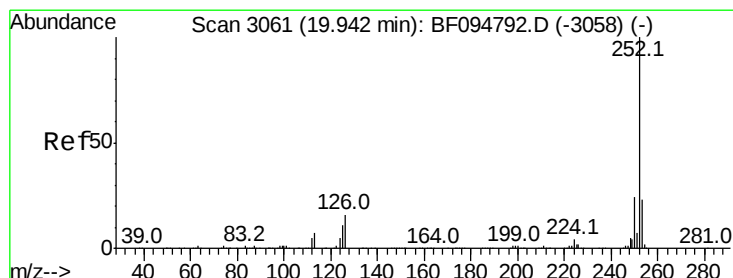
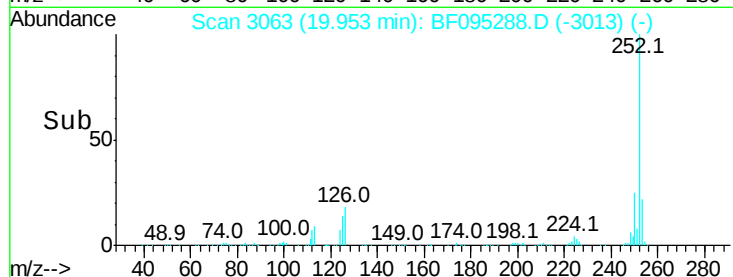
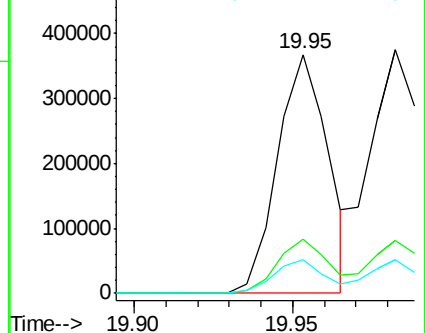
125 13.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.98 ng

RT: 19.98 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

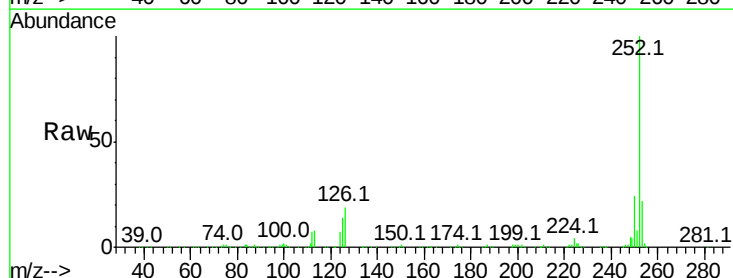
Tgt Ion:252 Resp: 478917

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

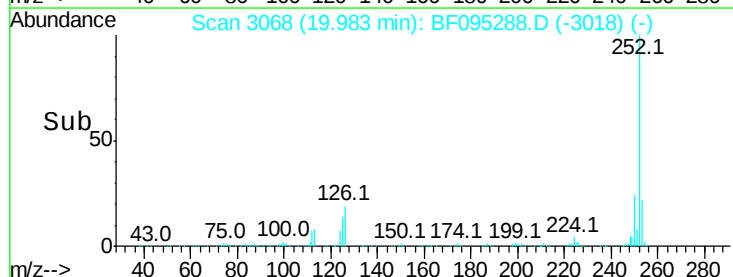
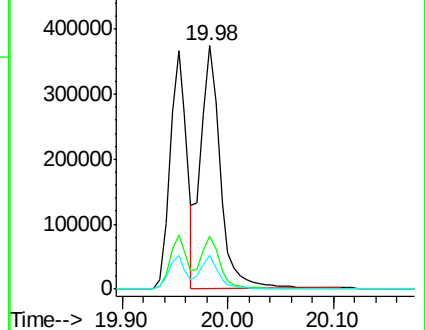
125 13.6 13.1 19.7

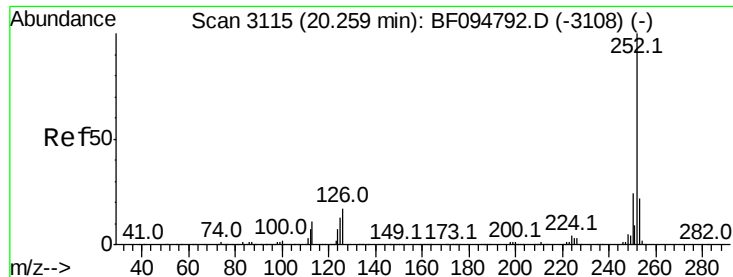


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

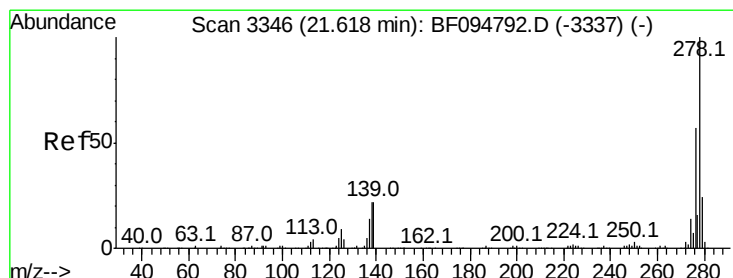
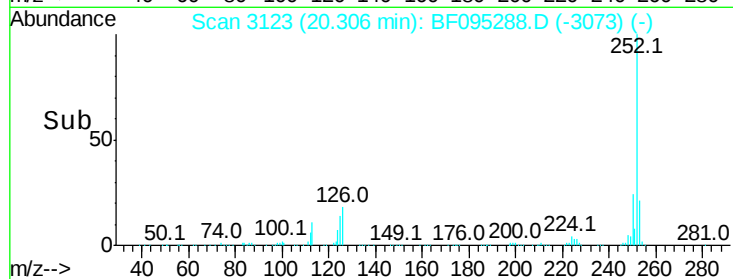
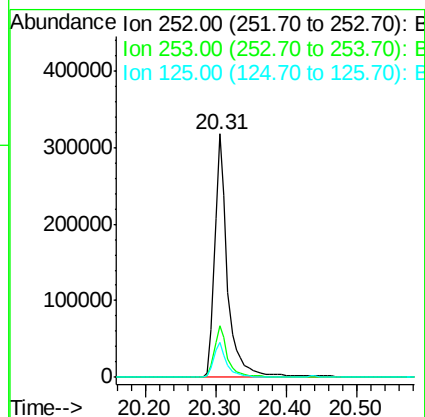
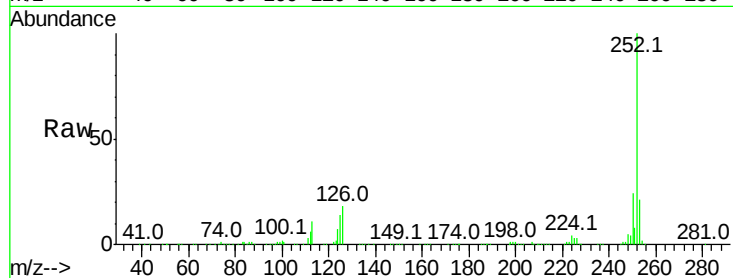




#89
Benzo(a)pyrene
Concen: 40.23 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

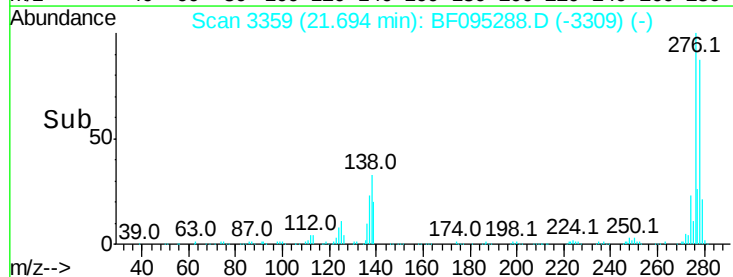
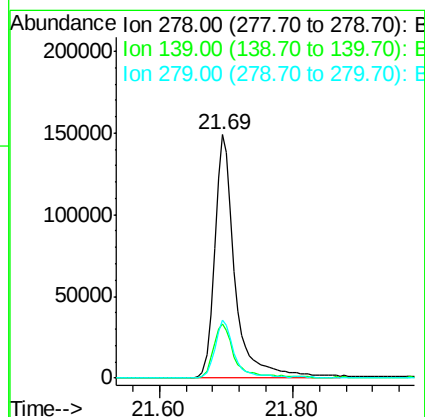
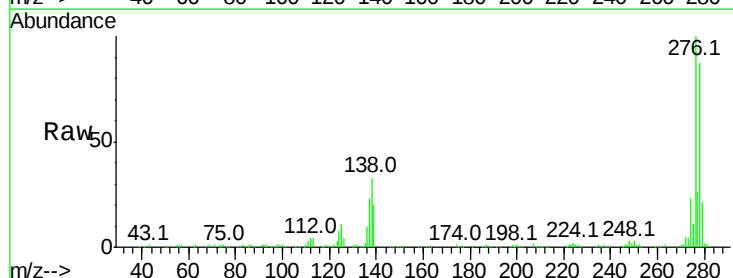
Instrument :
BNA_F
ClientSampleId :

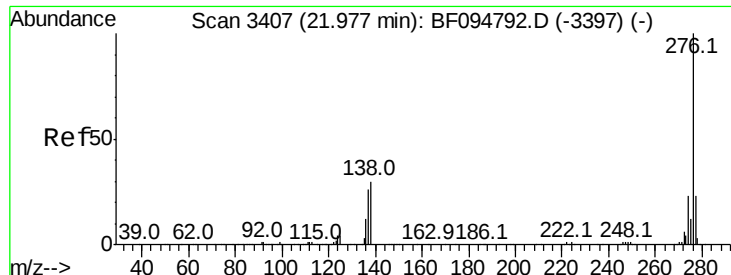
Tot Ion:252 Resp: 400894
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 14.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.86 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095288.D
Acq: 20 May 2017 6:12

Tgt Ion:278 Resp: 319750
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 23.7 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.88 ng

RT: 22.08 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BF095288.D

Acq: 20 May 2017 6:12

Instrument :

BNA_F

ClientSampleId :

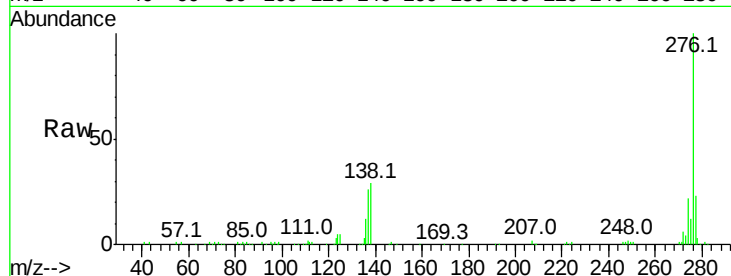
Tot Ion: 276 Resp: 313934

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.3 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

