

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095266.D
 Acq On : 19 May 2017 16:45
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:28:02 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	7.77	152	106175	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	438292	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	189195	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	336598	20.00	ng	0.00
75) Chrysene-d12	18.69	240	258375	20.00	ng	0.00
86) Perylene-d12	20.36	264	187630	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	526937	82.74	ng	0.00
7) Phenol-d6	7.31	99	621288	81.31	ng	0.00
23) Nitrobenzene-d5	8.67	82	505982	72.80	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	122358	78.97	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1020331	77.62	ng	0.00
78) Terphenyl-d14	17.34	244	969503	82.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	113236	36.26	ng	94
3) Pyridine	2.93	79	259993	35.92	ng	99
4) n-Nitrosodimethylamine	2.86	42	89761	29.75	ng	83
6) Aniline	7.27	93	409309	42.43	ng	96
8) 2-Chlorophenol	7.46	128	293447	40.48	ng	93
9) Benzaldehyde	7.09	77	166625	35.71	ng	100
10) Phenol	7.32	94	293259	36.42	ng	92
11) bis(2-Chloroethyl)ether	7.40	93	260324	39.16	ng	96
12) 1,3-Dichlorobenzene	7.67	146	330278	40.17	ng	100
13) 1,4-Dichlorobenzene	7.79	146	329204	39.48	ng	95
14) 1,2-Dichlorobenzene	8.02	146	314492	40.41	ng	95
15) Benzyl Alcohol	8.05	79	213269	43.39	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	361884	38.46	ng	79
17) 2-Methylphenol	8.26	107	244126	41.15	ng	96
18) Hexachloroethane	8.54	117	113465	40.17	ng	# 83
19) n-Nitroso-di-n-propylamine	8.47	70	202933	39.27	ng	93
20) 3+4-Methylphenols	8.52	107	325207	40.34	ng	# 59
22) Acetophenone	8.44	105	405812	38.59	ng	# 84
24) Nitrobenzene	8.70	77	270517	37.13	ng	92
25) Isophorone	9.10	82	492004	39.64	ng	# 94
26) 2-Nitrophenol	9.21	139	166318	42.31	ng	99
27) 2,4-Dimethylphenol	9.34	122	253472	39.88	ng	98
28) bis(2-Chloroethoxy)methane	9.46	93	343642	40.02	ng	99
29) 2,4-Dichlorophenol	9.62	162	233230	38.86	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	252621	39.29	ng	98
31) Naphthalene	9.81	128	884611	40.16	ng	100
32) Benzoic acid	9.67	122	134686	33.94	ng	95
33) 4-Chloroaniline	9.96	127	321112	39.12	ng	# 92
34) Hexachlorobutadiene	10.03	225	132443	39.04	ng	98
35) Caprolactam	10.60	113	46748	25.94	ng	# 83
36) 4-Chloro-3-methylphenol	10.81	107	254544	39.67	ng	90
37) 2-Methylnaphthalene	10.94	142	563288	38.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	239154	41.10	ng	98
40) Hexachlorocyclopentadiene	11.19	237	79233	36.00	ng	99

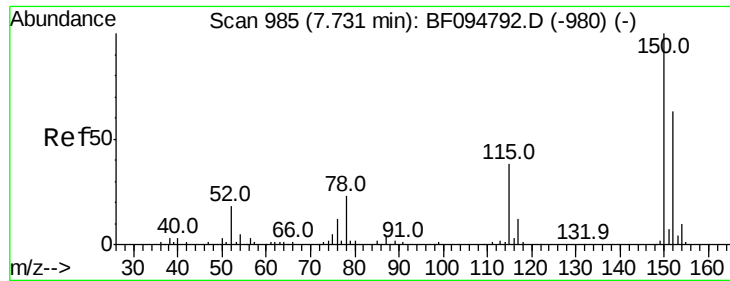
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095266.D
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 Operator : SJ/MA
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Quant Time: May 20 00:28:02 2017
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 Quant Title : ASP BNA 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)
42) 2,4,6-Trichlorophenol	11.44	196	155867	40.12	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	157055	37.62	nq #	91
45) 1,1'-Biphenyl	11.71	154	656475	41.21	nq	98
46) 2-Chloronaphthalene	11.72	162	512917	39.88	nq	95
47) 2-Nitroaniline	11.95	65	144595	41.07	nq #	77
48) Acenaphthylene	12.38	152	823167	40.86	nq	98
49) Dimethylphthalate	12.26	163	609300	39.23	nq	99
50) 2,6-Dinitrotoluene	12.35	165	129147	40.76	nq	98
51) Acenaphthene	12.67	154	476936	39.64	nq	98
52) 3-Nitroaniline	12.63	138	120415	35.41	nq	87
53) 2,4-Dinitrophenol	12.85	184	57563	36.65	nq #	65
54) Dibenzofuran	12.95	168	685658	41.18	nq	98
55) 4-Nitrophenol	13.05	139	58193	28.49	nq #	79
56) 2,4-Dinitrotoluene	13.02	165	175905	43.20	nq #	92
57) Fluorene	13.51	166	575235	39.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.20	232	103867	39.53	nq #	95
59) Diethylphthalate	13.40	149	592552	39.80	nq	99
60) 4-Chlorophenyl-phenylether	13.53	204	241781	38.00	nq	90
61) 4-Nitroaniline	13.63	138	112271	35.96	nq	93
62) Azobenzene	13.79	77	469432	39.24	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	86545	38.35	nq #	68
65) n-Nitrosodiphenylamine	13.74	169	475408	38.92	nq	98
66) 4-Bromophenyl-phenylether	14.32	248	131181	36.89	nq	97
67) Hexachlorobenzene	14.41	284	143363	39.34	nq #	90
68) Atrazine	14.66	200	136073	39.45	nq	95
69) Pentachlorophenol	14.77	266	54995	36.79	nq	95
70) Phenanthrene	15.06	178	776802	40.17	nq	98
71) Anthracene	15.14	178	799362	40.46	nq	97
72) Carbazole	15.42	167	716781	39.88	nq	98
73) Di-n-butylphthalate	15.98	149	932839	41.62	nq	98
74) Fluoranthene	16.80	202	745042	37.55	nq	98
76) Benzidine	17.02	184	335881	48.06	nq #	93
77) Pyrene	17.10	202	812409	42.04	nq	98
79) Butylbenzylphthalate	17.99	149	370514	41.22	nq #	88
80) Benzo(a)anthracene	18.68	228	591538	39.34	nq	98
81) 3,3'-Dichlorobenzidine	18.66	252	203970	39.27	nq #	96
82) Chrysene	18.72	228	600197	41.28	nq	100
83) Bis(2-ethylhexyl)phthalate	18.74	149	510720	39.88	nq #	99
84) Di-n-octyl phthalate	19.51	149	788788	37.57	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	379545	32.14	nq	100
87) Benzo(b)fluoranthene	19.95	252	442336	38.15	nq	98
88) Benzo(k)fluoranthene	19.98	252	540875	48.36	nq #	95
89) Benzo(a)pyrene	20.31	252	427405	39.95	nq	99
90) Dibenzo(a,h)anthracene	21.69	278	330715	37.43	nq	98
91) Benzo(g,h,i)perylene	22.08	276	327509	37.77	nq	97

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

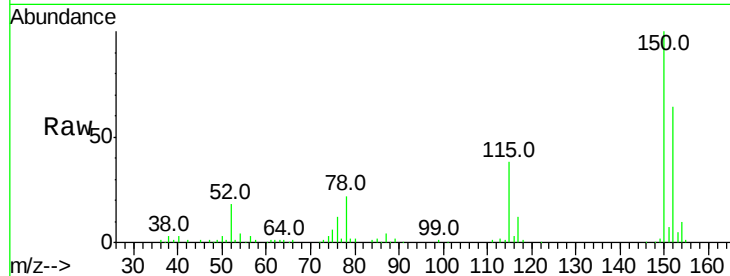


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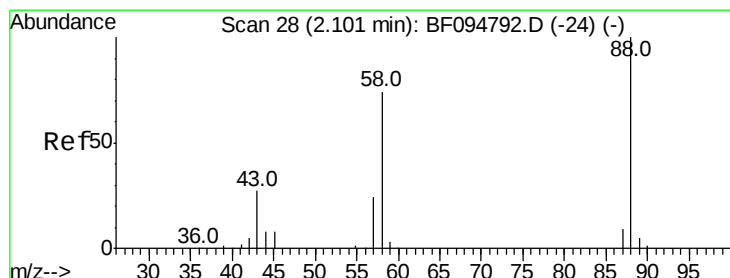
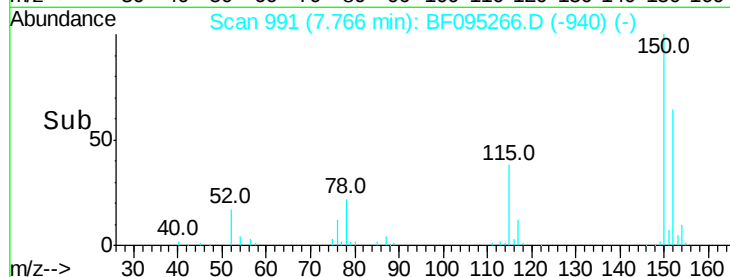
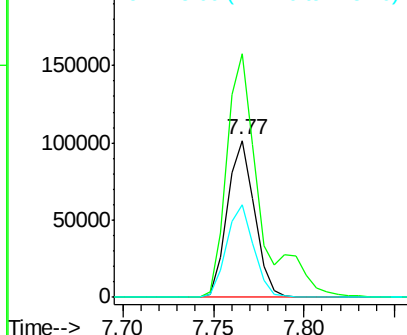
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106175
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.0 52.2 78.2



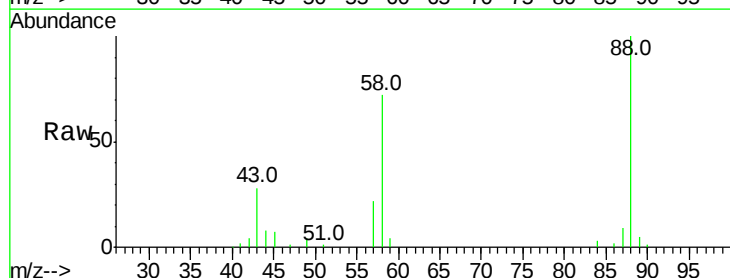
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



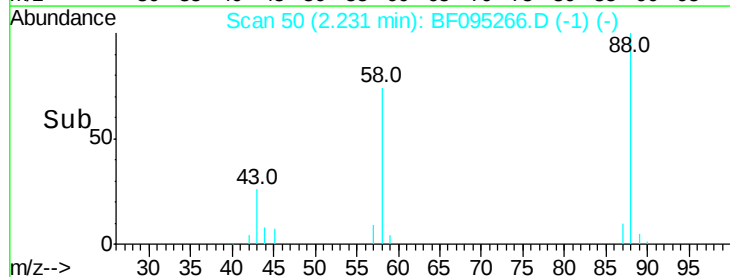
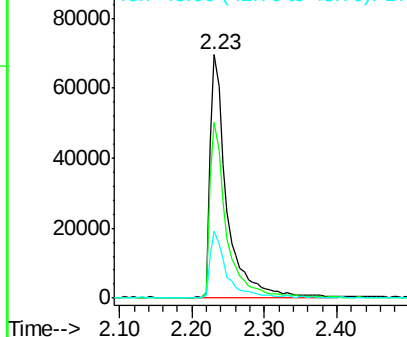
#2

1,4-Dioxane
Concen: 36.26 ng
RT: 2.23 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion: 88 Resp: 113236
Ion Ratio Lower Upper
88 100
58 70.7 61.4 92.0
43 26.6 23.4 35.0



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





#3

Pvridine

Concen: 35.92 ng

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

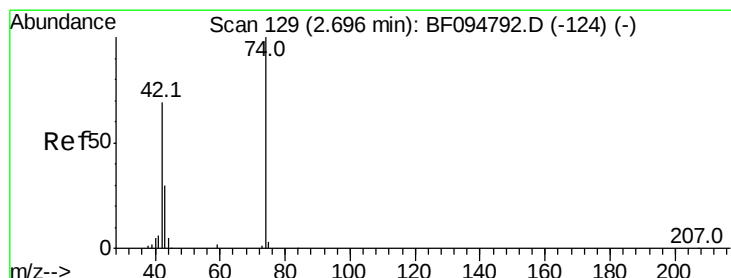
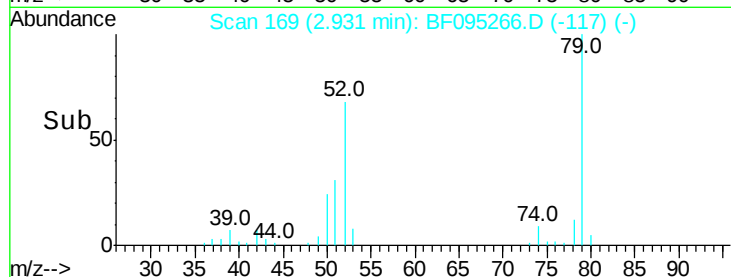
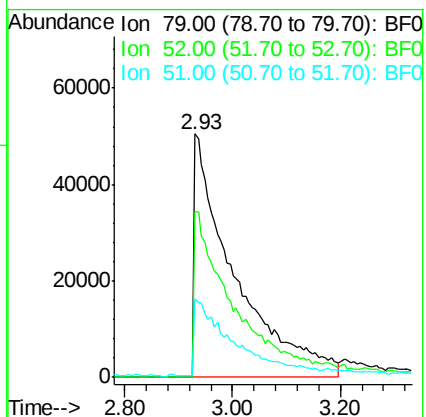
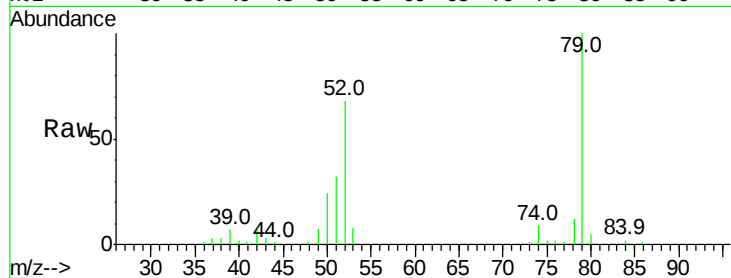
Tot Ion: 79 Resp: 259993

Ion Ratio Lower Upper

79 100

52 68.0 54.8 82.2

51 32.3 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 29.75 ng

RT: 2.86 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

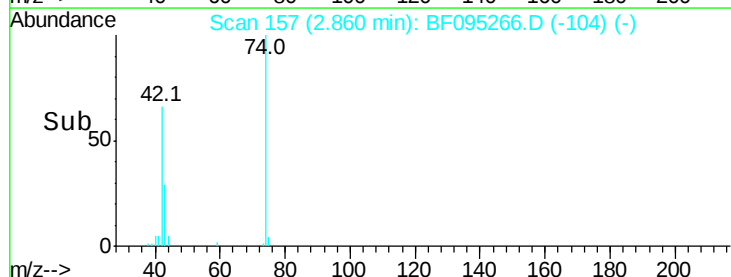
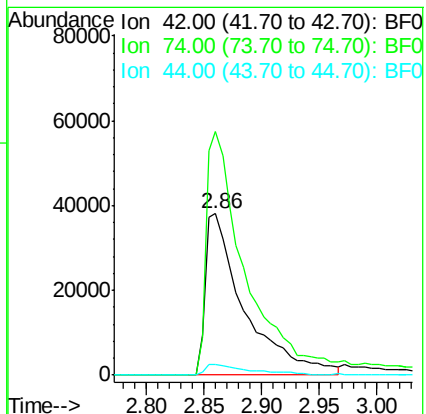
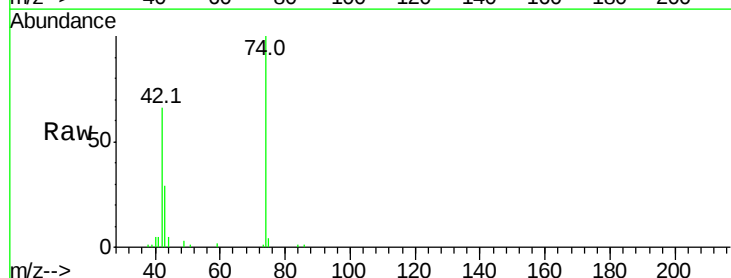
Tgt Ion: 42 Resp: 89761

Ion Ratio Lower Upper

42 100

74 150.6 103.9 155.9

44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 82.74 ng

RT: 5.74 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampled :

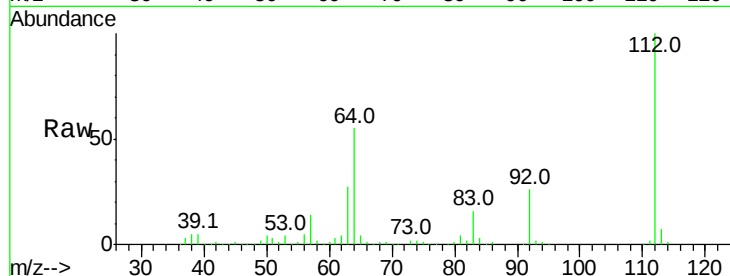
Tot Ion:112 Resp: 526937

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

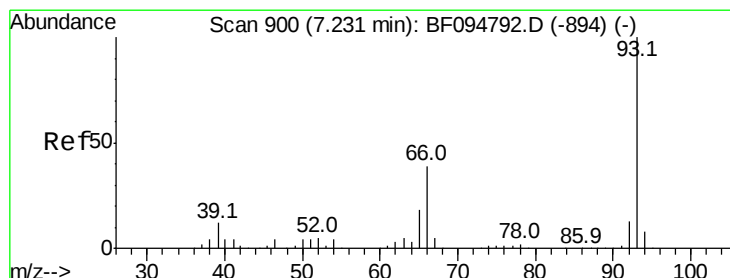
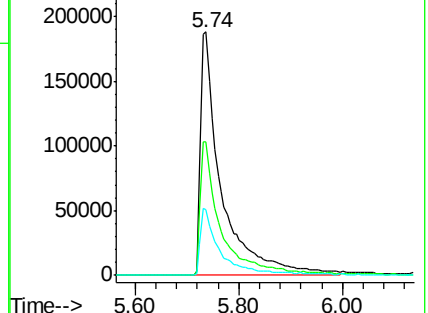
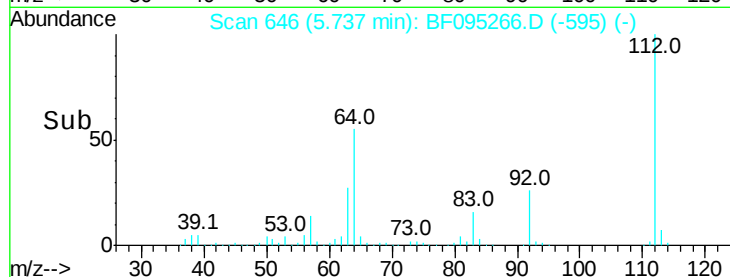
63 26.8 23.4 35.0



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: 42.43 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

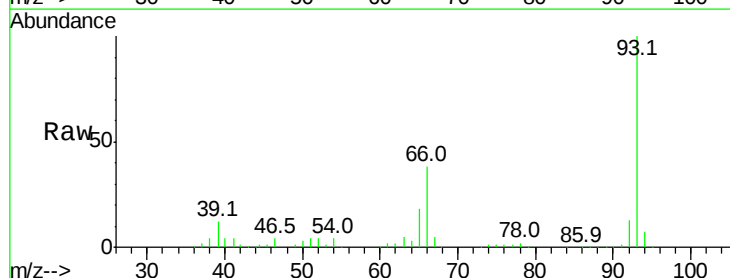
Tgt Ion: 93 Resp: 409309

Ion Ratio Lower Upper

93 100

66 38.4 32.9 49.3

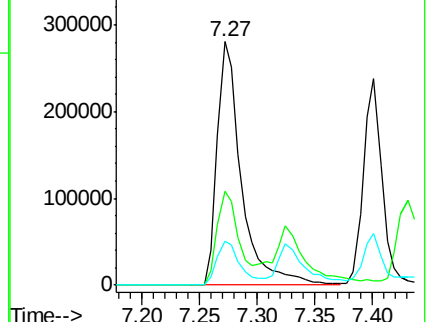
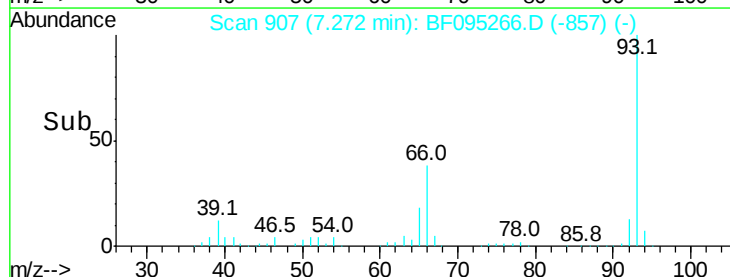
65 18.1 16.0 24.0



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: 81.31 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampled :

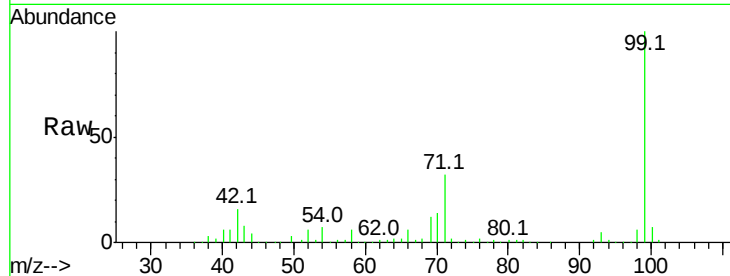
Tot Ion: 99 Resp: 621288

Ion Ratio Lower Upper

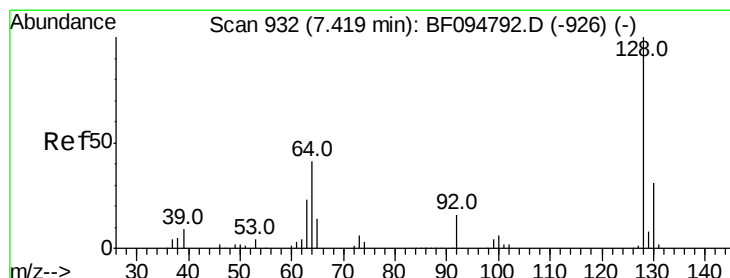
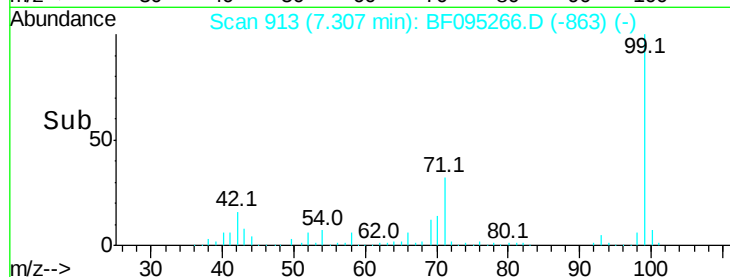
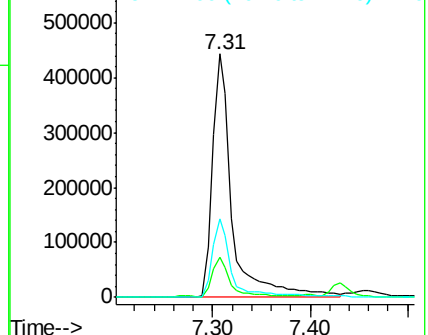
99 100

42 16.3 13.5 20.3

71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.48 ng

RT: 7.46 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

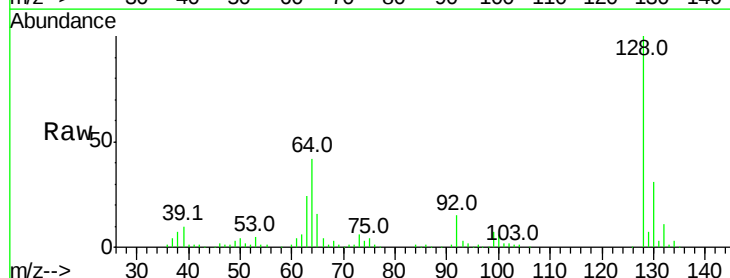
Tgt Ion: 128 Resp: 293447

Ion Ratio Lower Upper

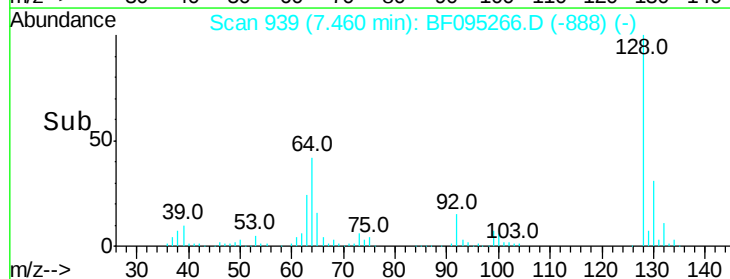
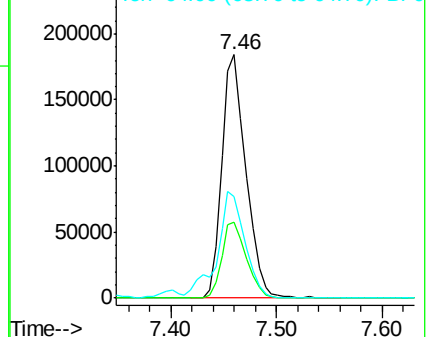
128 100

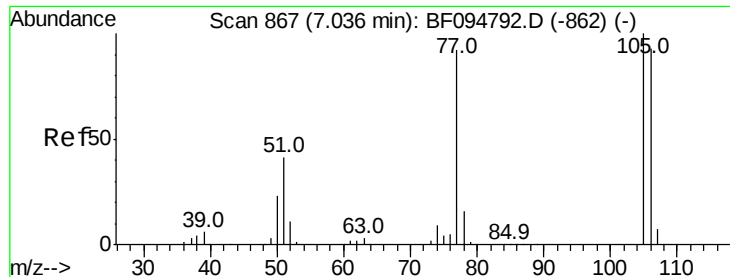
130 31.3 12.9 52.9

64 41.6 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

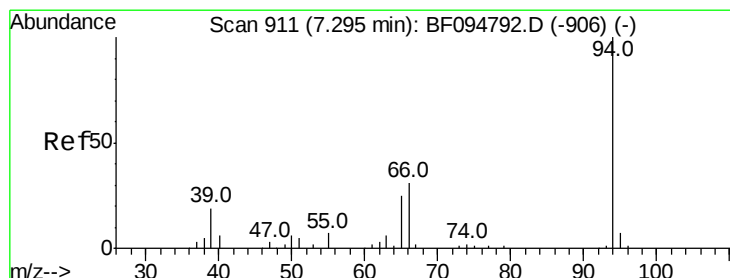
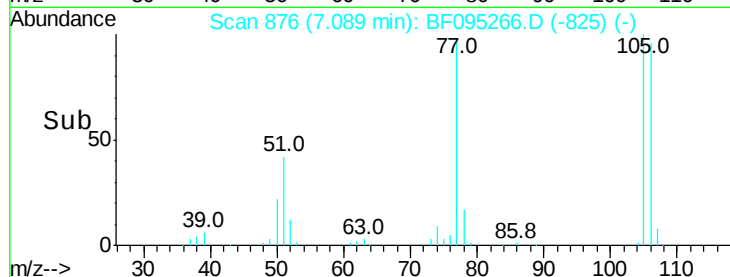
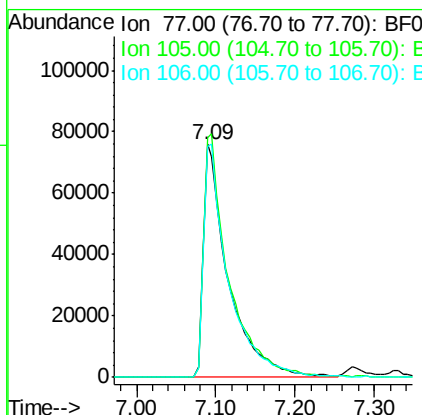
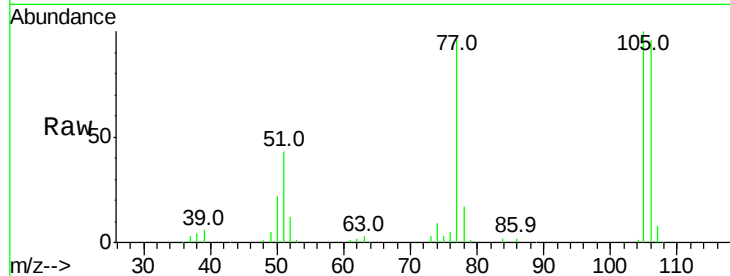




#9
Benzaldehyde
Concen: 35.71 ng
RT: 7.09 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

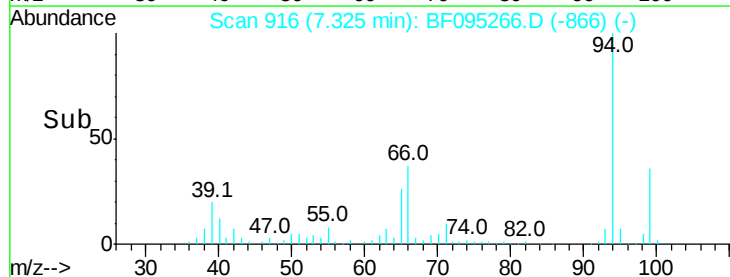
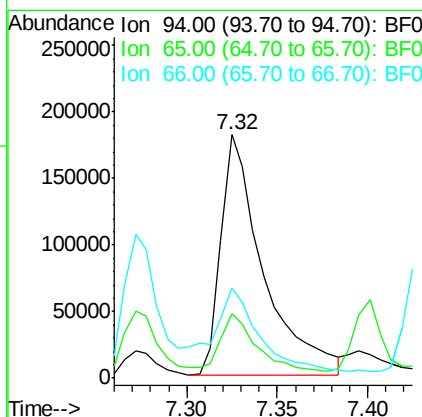
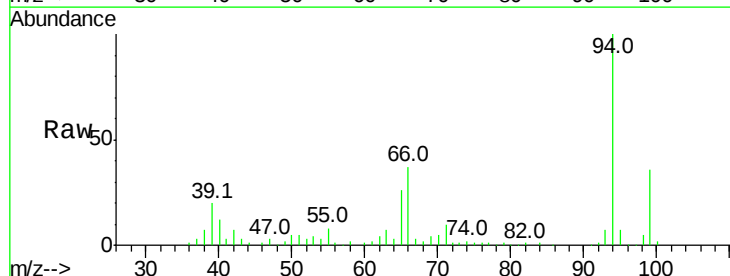
Instrument :
BNA_F
ClientSampleId :

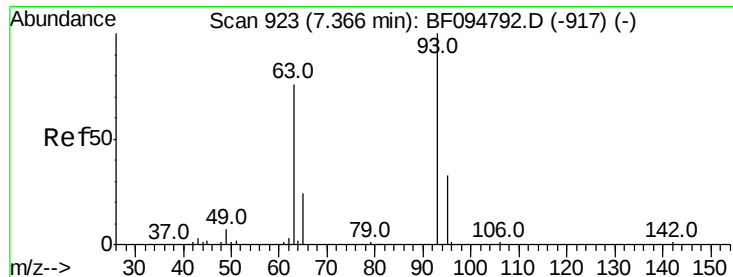
Tot Ion: 77 Resp: 166625
Ion Ratio Lower Upper
77 100
105 103.0 83.8 123.8
106 99.2 79.1 119.1



#10
Phenol
Concen: 36.42 ng
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion: 94 Resp: 293259
Ion Ratio Lower Upper
94 100
65 26.3 9.9 49.9
66 37.0 23.1 63.1

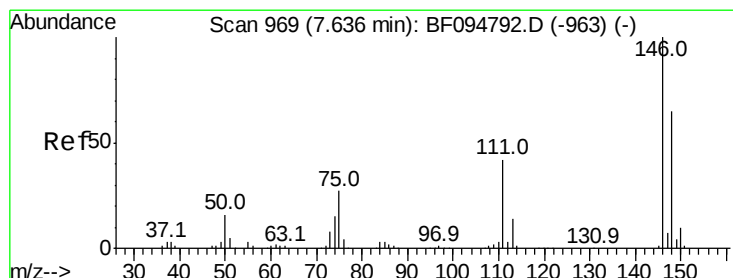
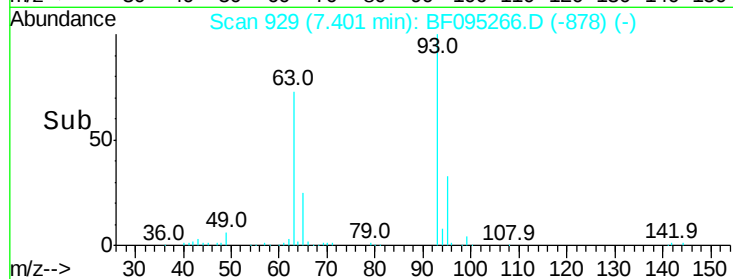
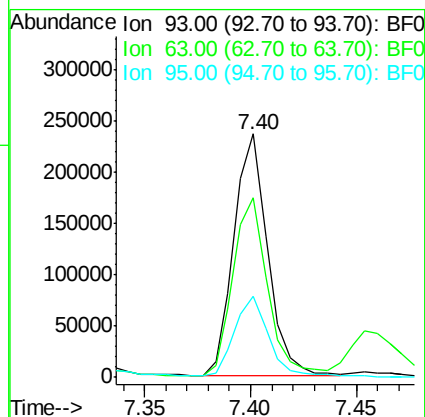
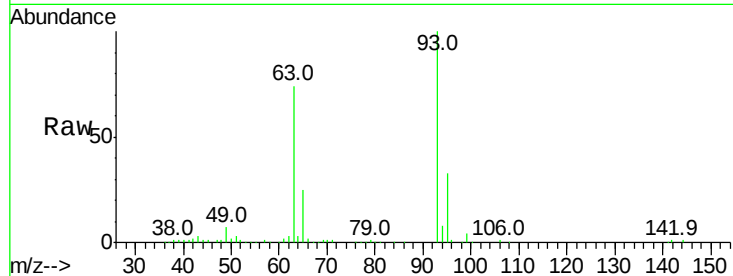




#11
 bis(2-Chloroethyl)ether
 Concen: 39.16 ng
 RT: 7.40 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

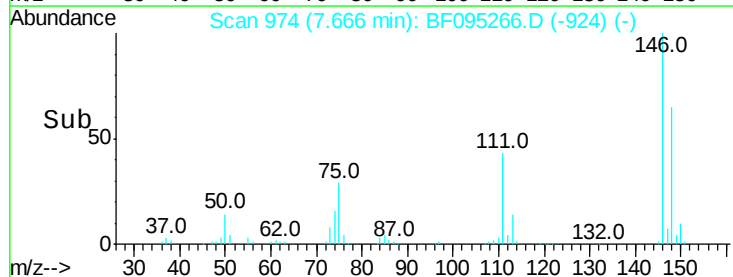
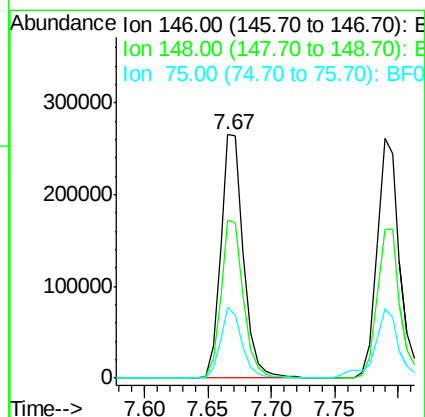
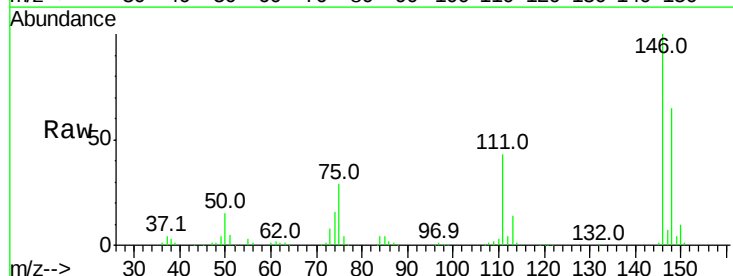
Instrument :
 BNA_F
 ClientSampleId :

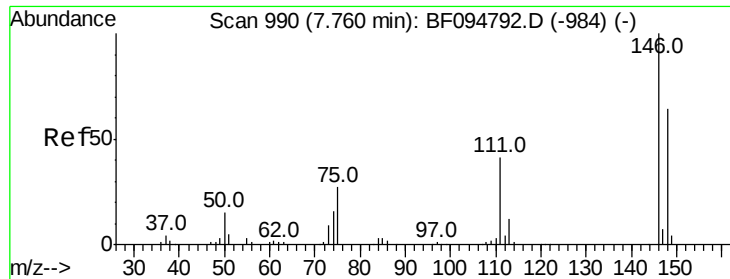
Tot Ion:	93	Resp:	260324
Ion	Ratio	Lower	Upper
93	100		
63	73.9	59.2	99.2
95	33.1	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.17 ng
 RT: 7.67 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion:	146	Resp:	330278
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
75	28.9	23.1	34.7

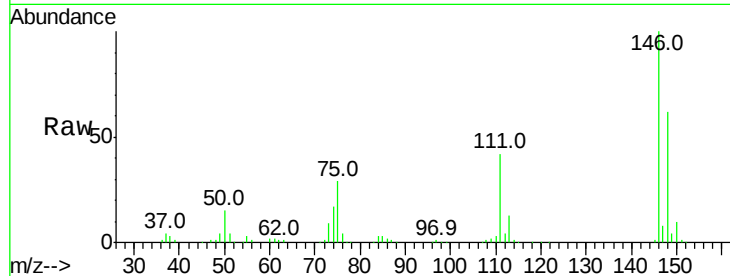




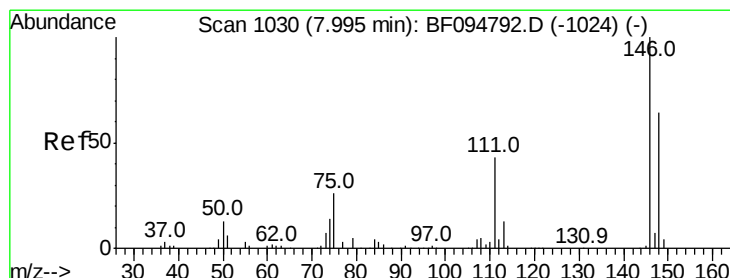
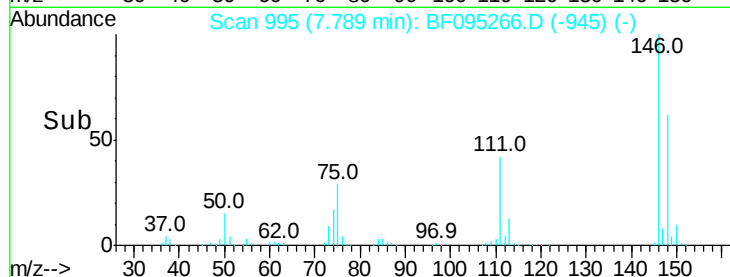
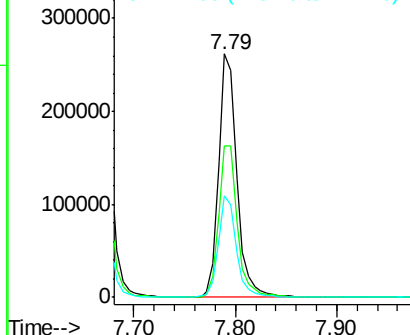
#13
 1,4-Dichlorobenzene
 Concen: 39.48 ng
 RT: 7.79 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 329204
 Ion Ratio Lower Upper
 146 100
 148 62.2 52.2 78.2
 111 42.0 30.3 45.5

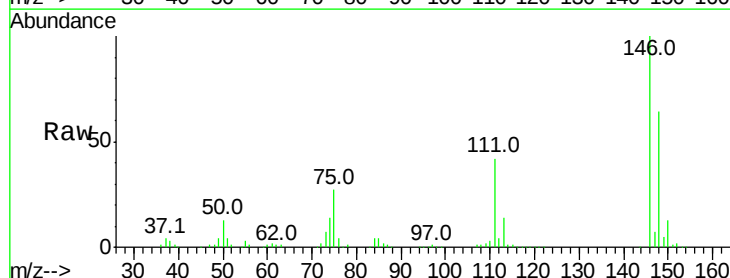


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

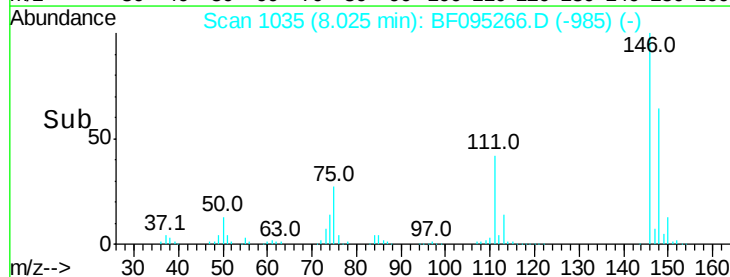
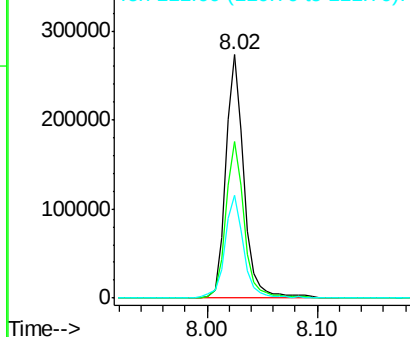


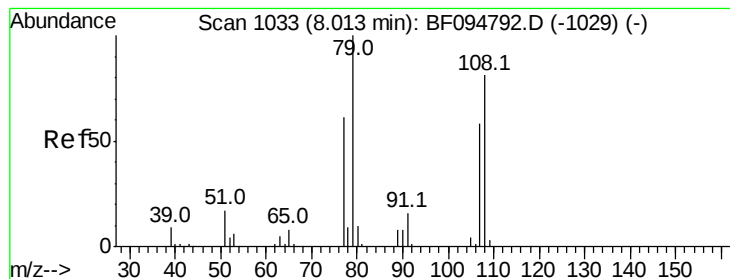
#14
 1,2-Dichlorobenzene
 Concen: 40.41 ng
 RT: 8.02 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion:146 Resp: 314492
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 42.2 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 43.39 ng

RT: 8.05 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

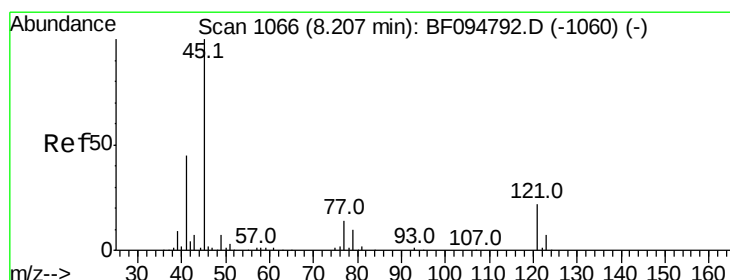
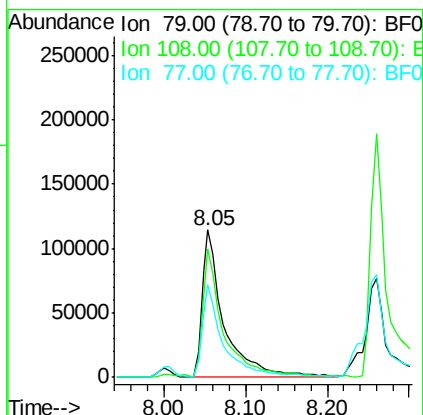
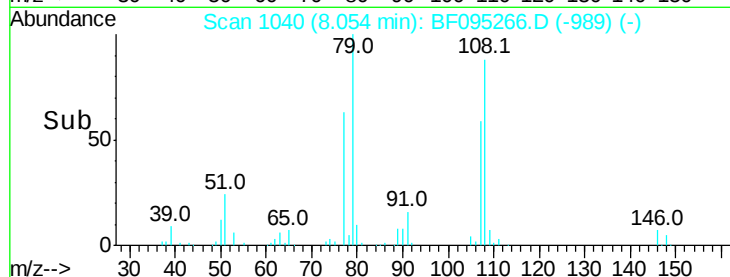
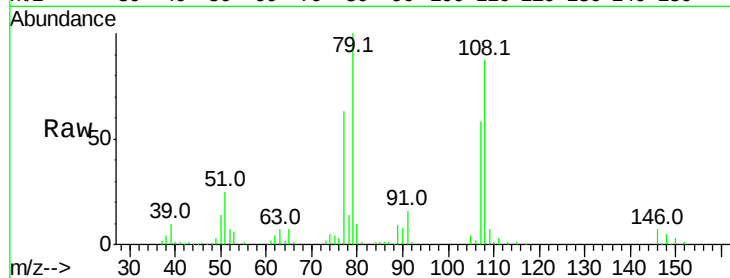
Tot Ion: 79 Resp: 213269

Ion Ratio Lower Upper

79 100

108 87.0 63.4 95.0

77 63.1 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.46 ng

RT: 8.25 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

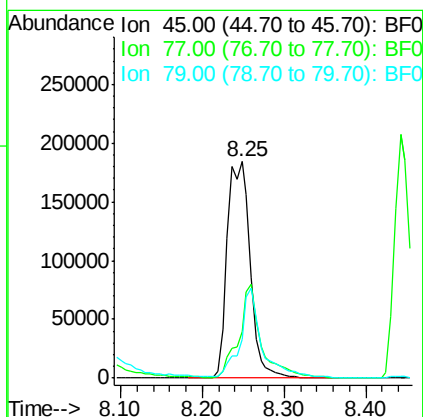
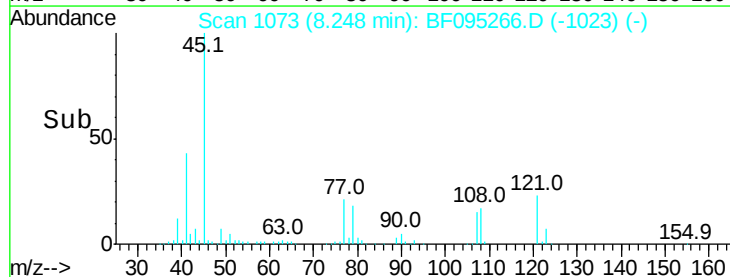
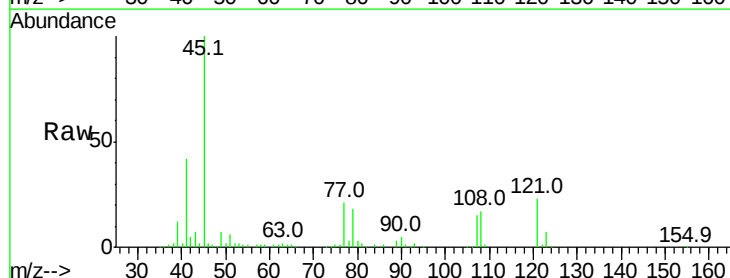
Tgt Ion: 45 Resp: 361884

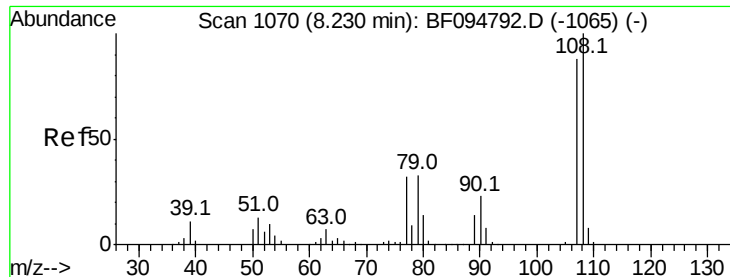
Ion Ratio Lower Upper

45 100

77 21.3 0.0 33.2

79 18.0 0.0 30.0

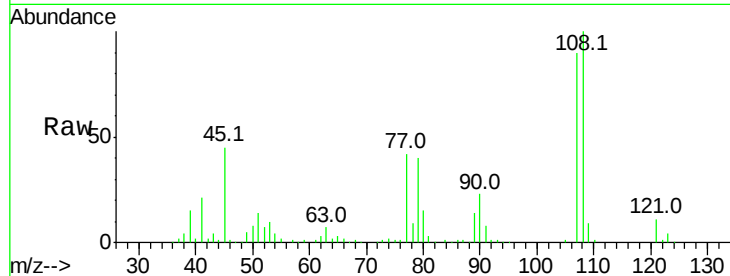




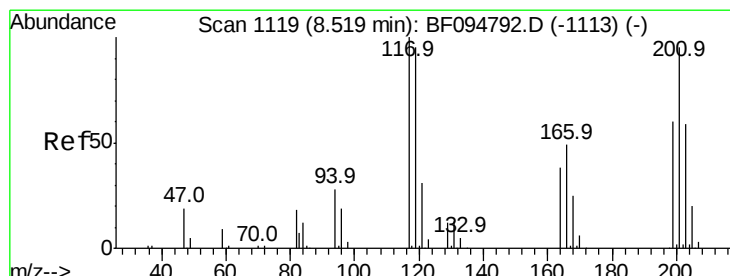
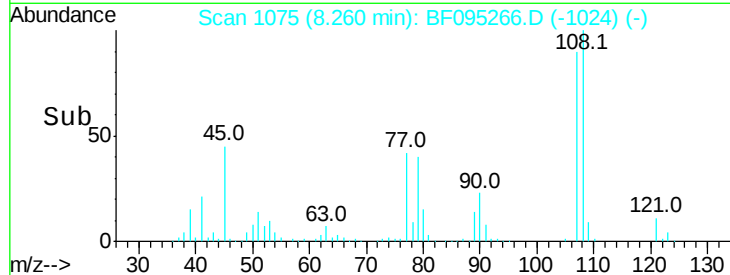
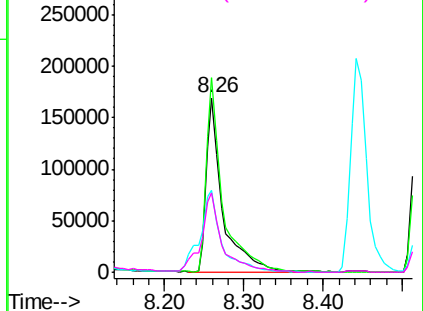
#17
2-Methylphenol
Concen: 41.15 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 244126
Ion Ratio Lower Upper
107 100
108 111.6 93.4 140.0
77 47.1 35.8 53.6
79 45.1 34.8 52.2

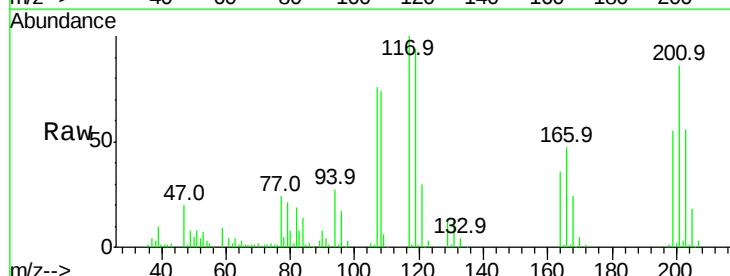


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

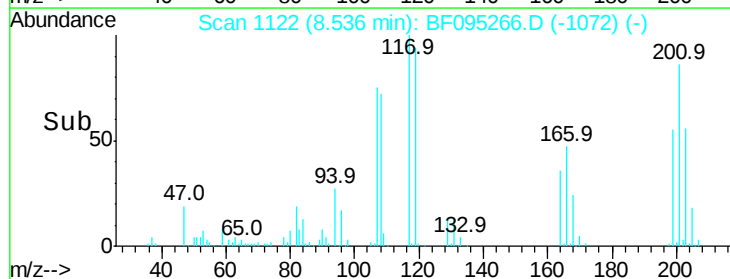
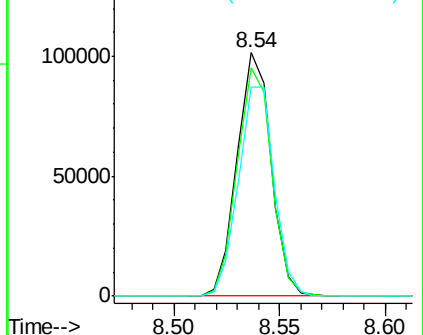


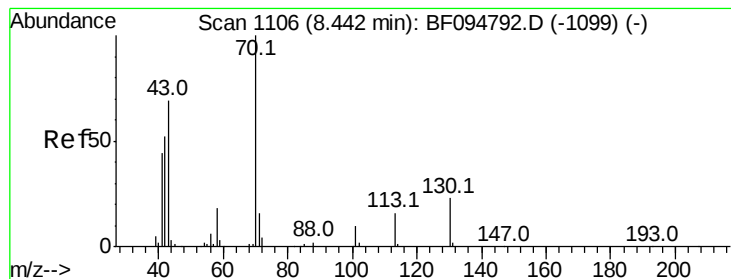
#18
Hexachloroethane
Concen: 40.17 ng
RT: 8.54 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion:117 Resp: 113465
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.0
201 86.0 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: 39.27 ng

RT: 8.47 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 202933

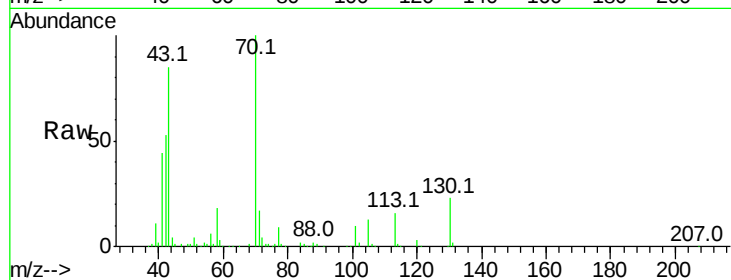
Ion Ratio Lower Upper

70 100

42 53.4 47.2 70.8

101 10.2 7.2 10.8

130 23.3 15.9 23.9

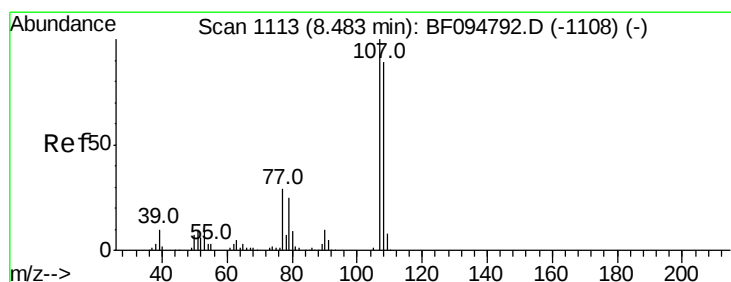
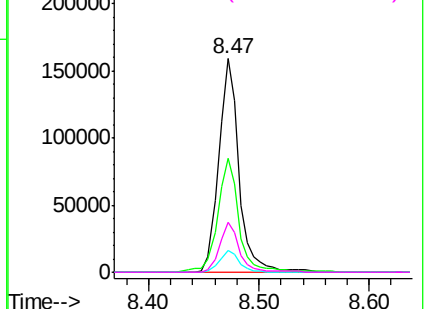
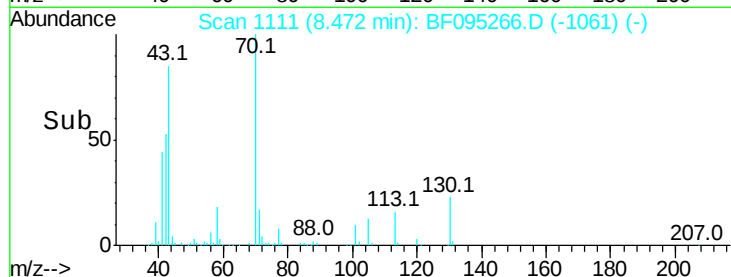


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 40.34 ng

RT: 8.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Tgt Ion:107 Resp: 325207

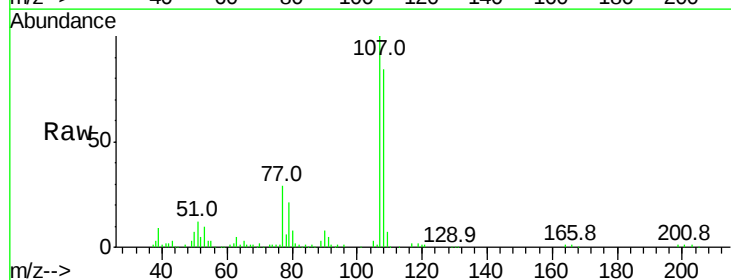
Ion Ratio Lower Upper

107 100

108 84.1 71.0 111.0

77 29.4 90.5 130.5#

79 21.3 8.4 48.4

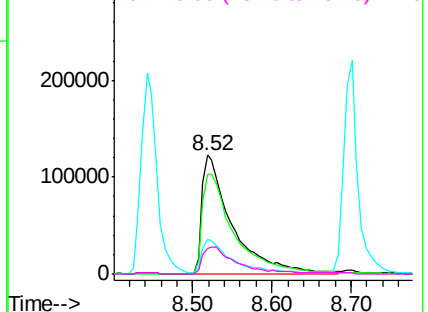
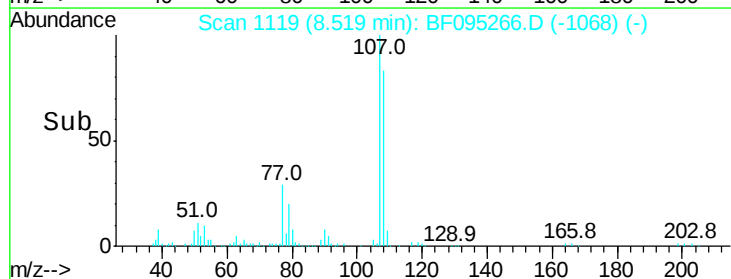


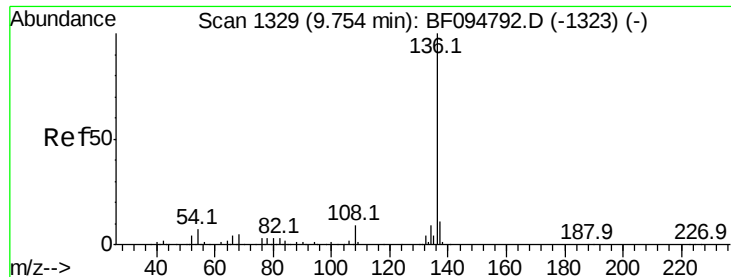
Abundance Ion 107.00 (106.70 to 107.70): E

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# 1334

Delta R.T. -0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 438292

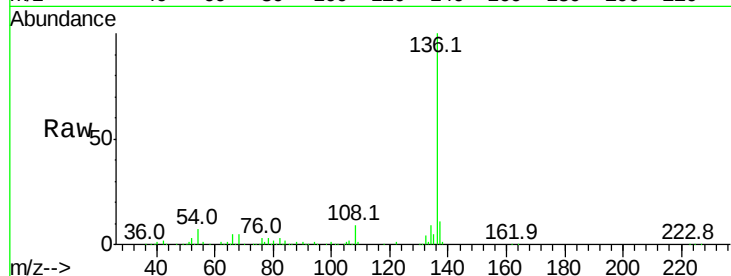
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

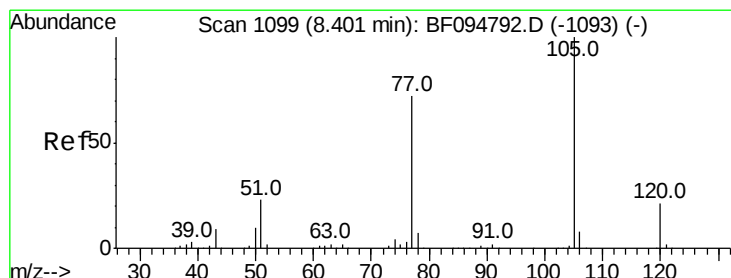
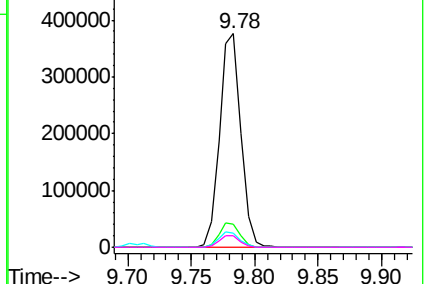
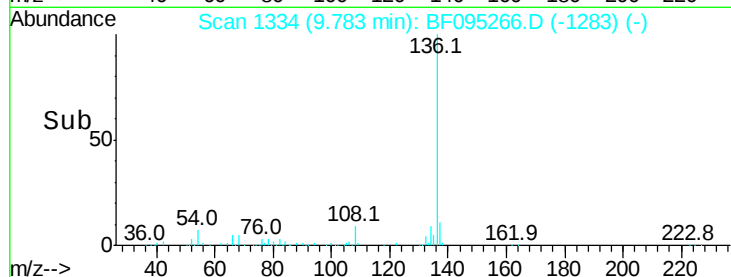


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.59 ng

RT: 8.44 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Tgt Ion:105 Resp: 405812

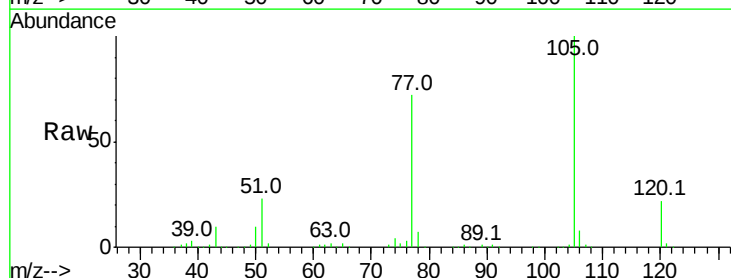
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.2 30.7 46.1#

120 21.7 17.4 26.0

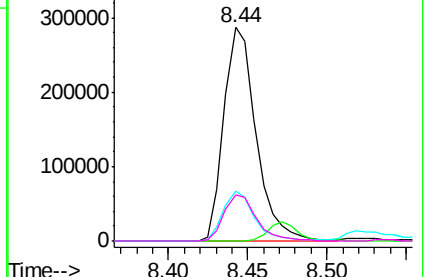
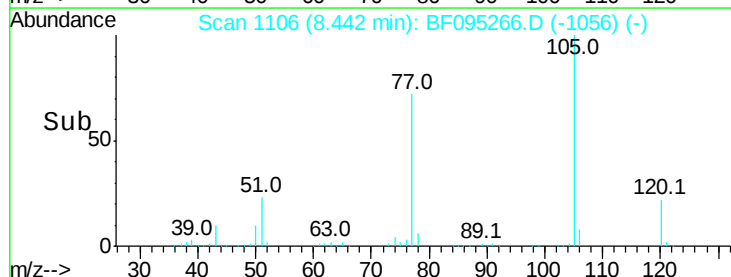


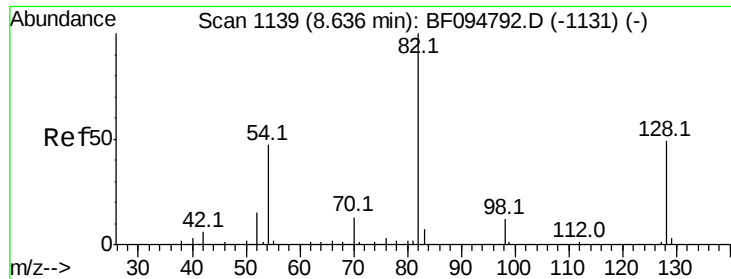
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

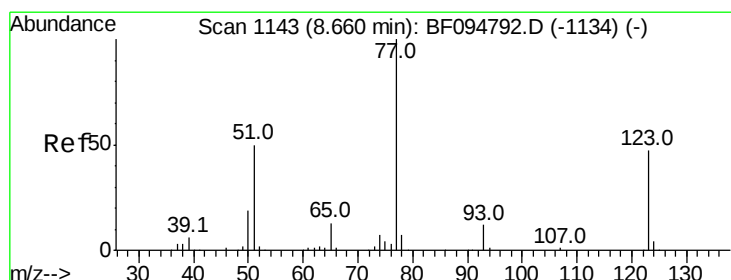
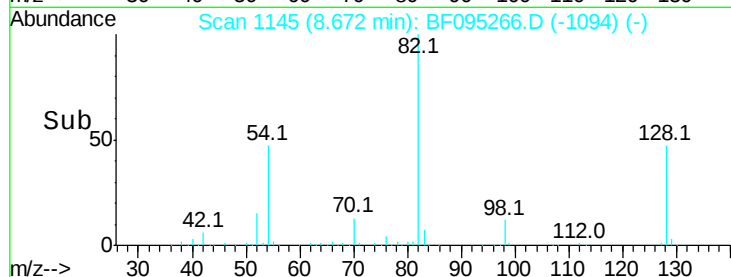
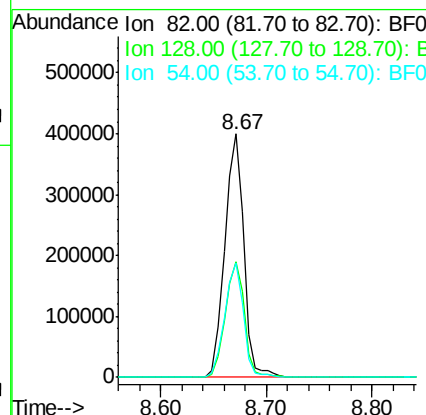
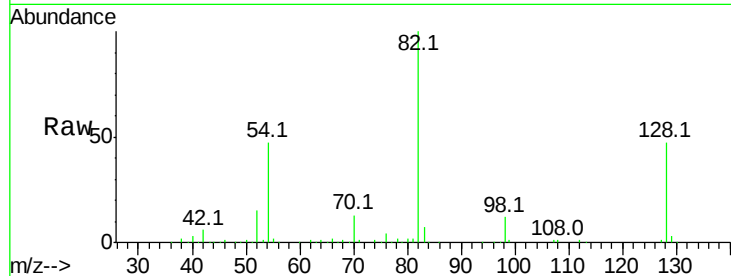




#23
 Nitrobenzene-d5
 Concen: 72.80 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

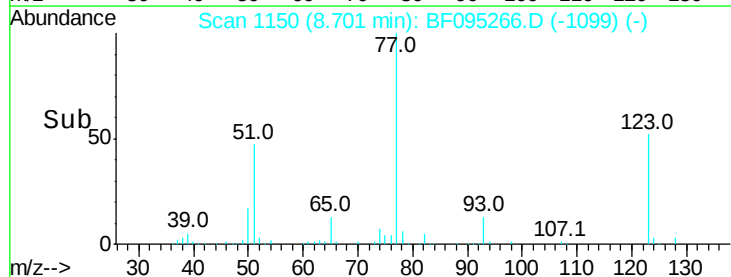
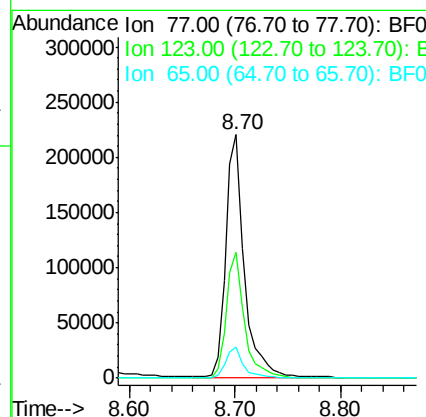
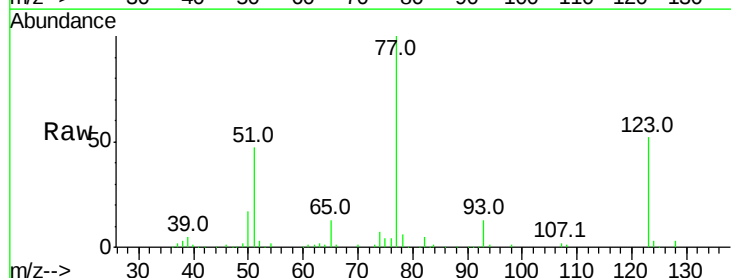
Instrument :
 BNA_F
 ClientSampled :

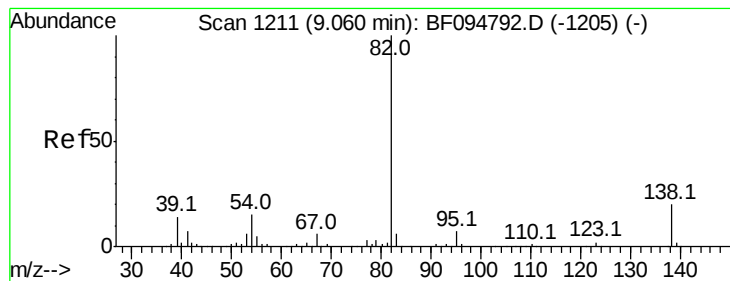
Tot Ion: 82 Resp: 505982
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 47.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 37.13 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion: 77 Resp: 270517
 Ion Ratio Lower Upper
 77 100
 123 51.9 35.8 53.8
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 39.64 ng

RT: 9.10 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

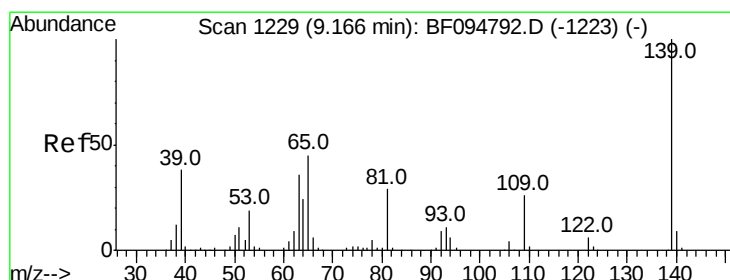
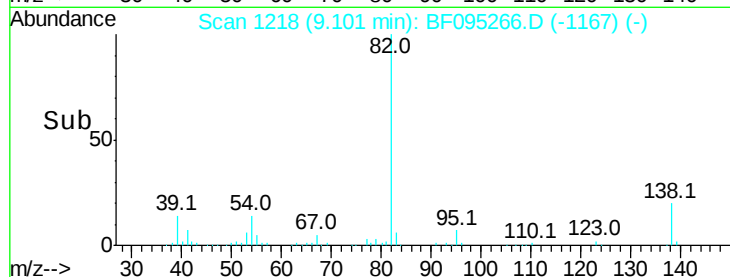
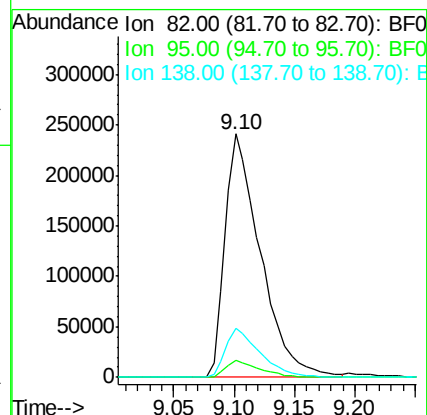
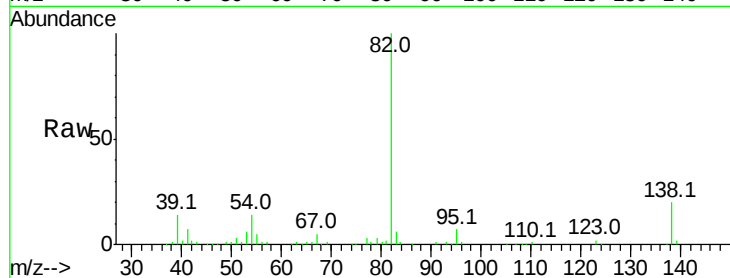
Tot Ion: 82 Resp: 492004

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.9 13.1 19.7#



#26

2-Nitrophenol

Concen: 42.31 ng

RT: 9.21 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

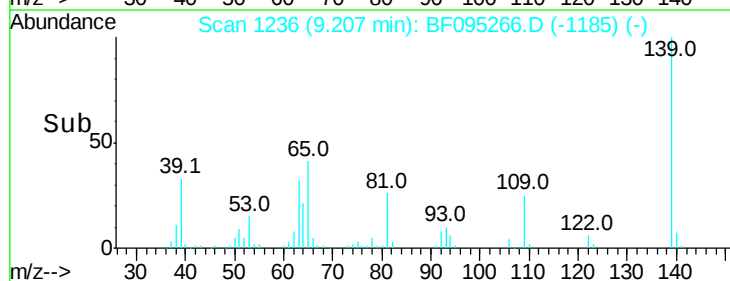
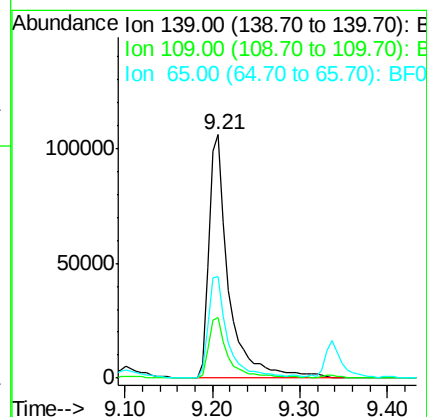
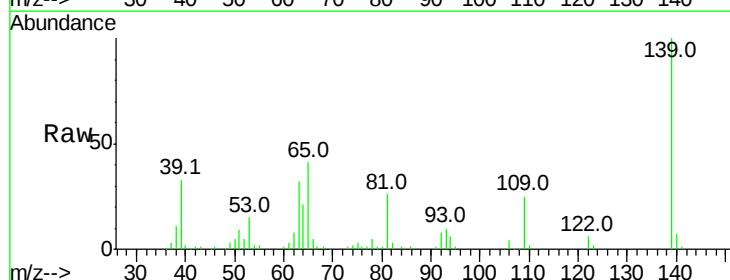
Tgt Ion: 139 Resp: 166318

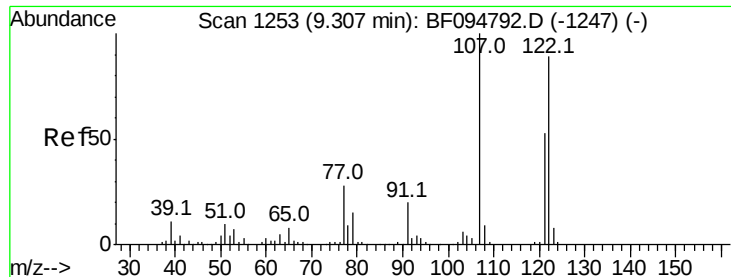
Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.6

65 41.5 33.0 49.6

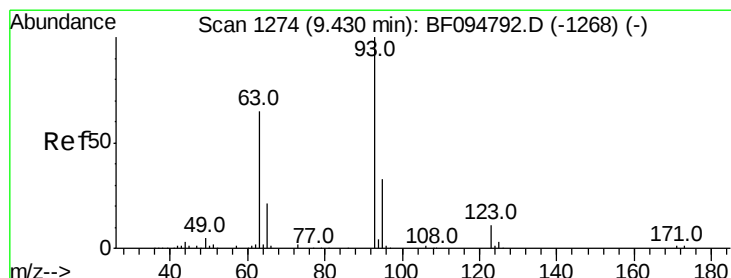
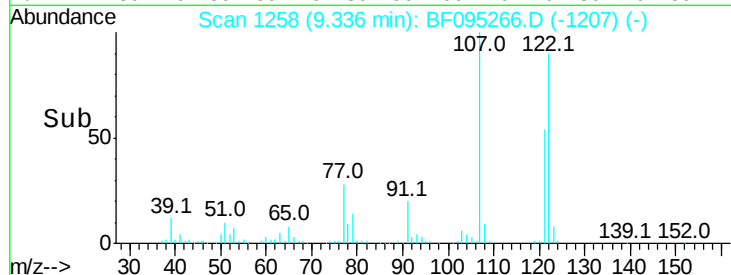
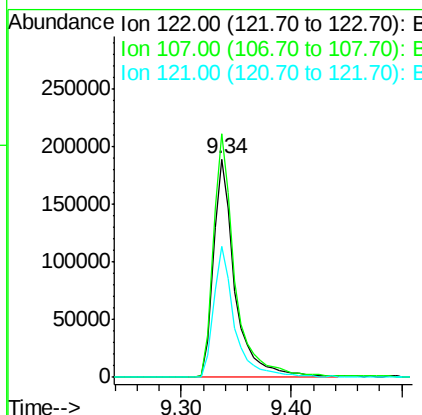
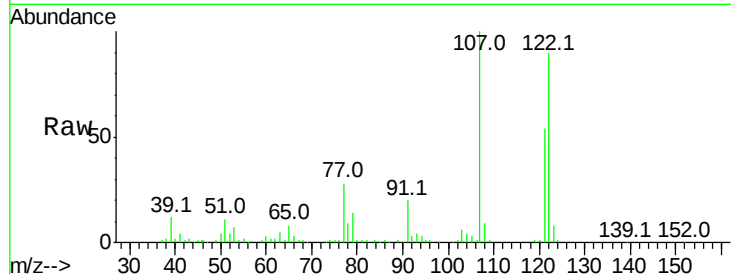




#27
 2,4-Dimethylphenol
 Concen: 39.88 ng
 RT: 9.34 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

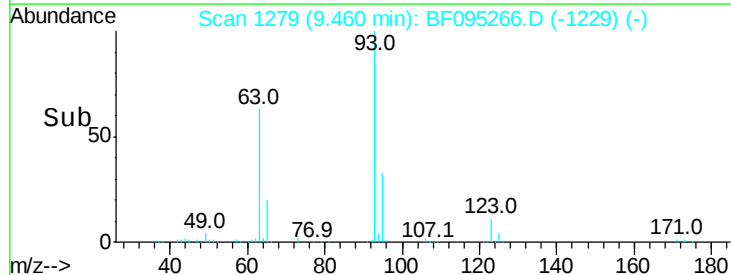
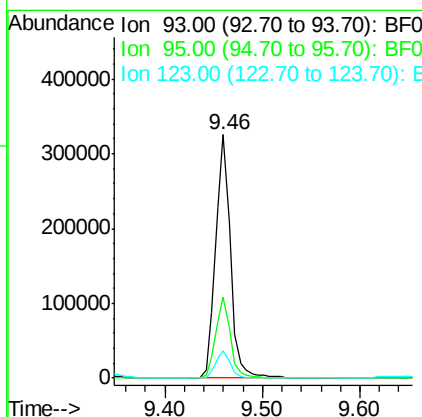
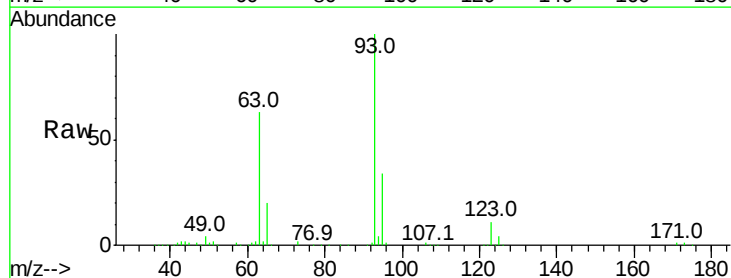
Instrument :
 BNA_F
 ClientSampled :

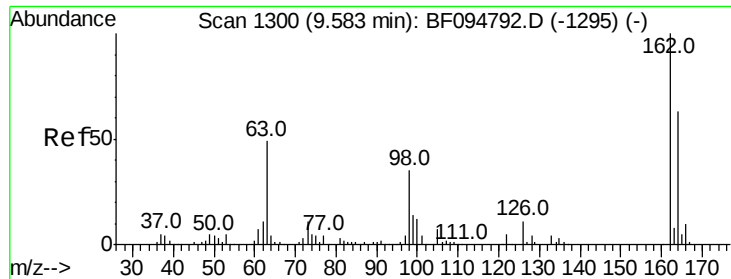
Tot Ion:122 Resp: 253472
 Ion Ratio Lower Upper
 122 100
 107 111.4 89.2 133.8
 121 59.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.02 ng
 RT: 9.46 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion: 93 Resp: 343642
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.5 39.7
 123 11.4 9.0 13.4

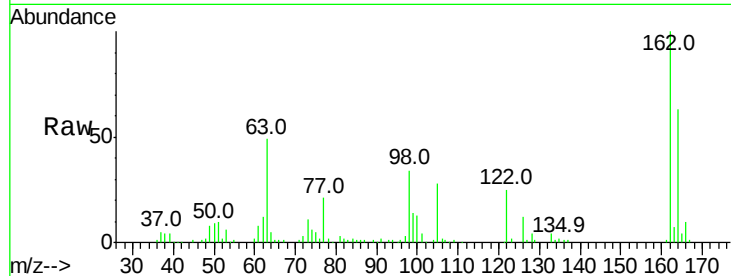




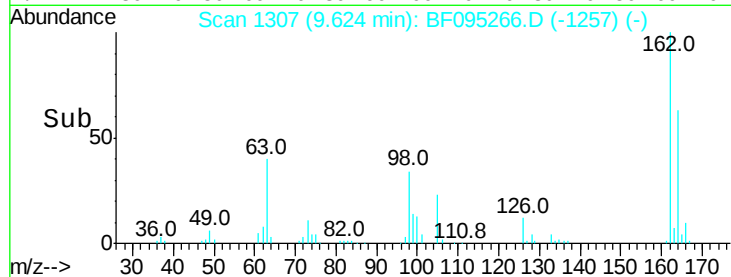
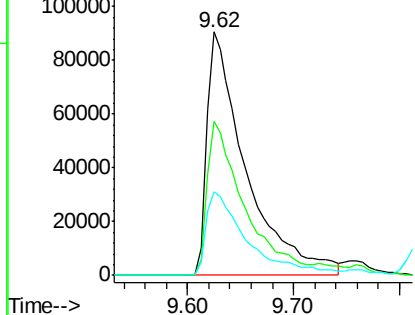
#29
 2,4-Dichlorophenol
 Concen: 38.86 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	34.3	14.8	54.8

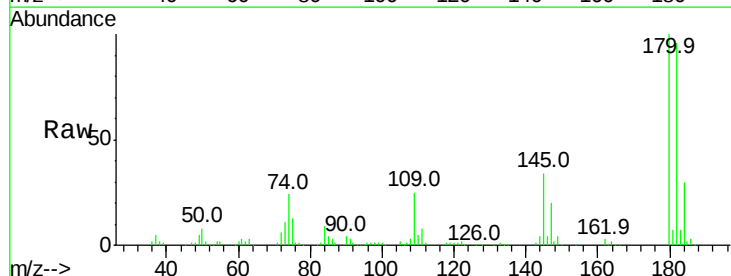


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

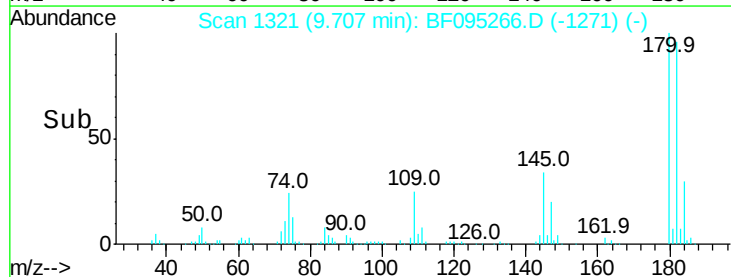
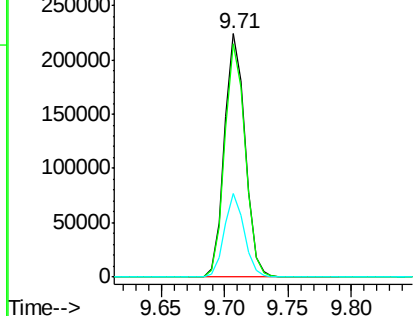


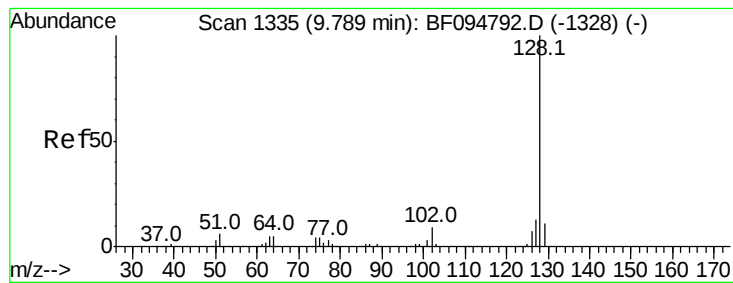
#30
 1,2,4-Trichlorobenzene
 Concen: 39.29 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.8	113.6
145	34.4	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: 40.16 ng

RT: 9.81 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

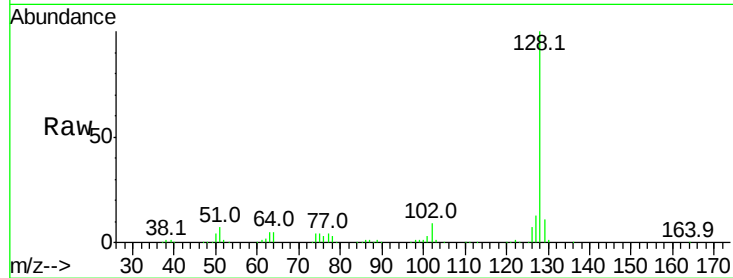
Tot Ion:128 Resp: 884611

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

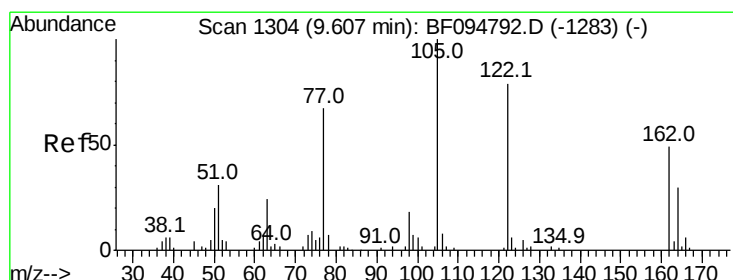
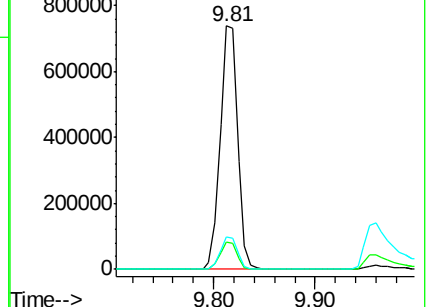
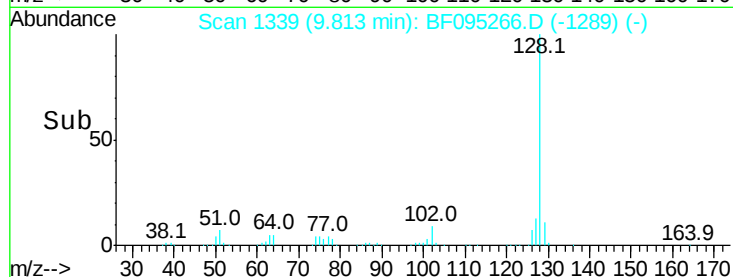
127 13.4 10.8 16.2



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: 33.94 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

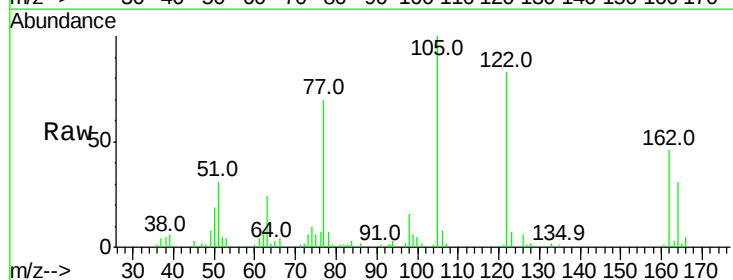
Tgt Ion:122 Resp: 134686

Ion Ratio Lower Upper

122 100

105 121.1 103.3 143.3

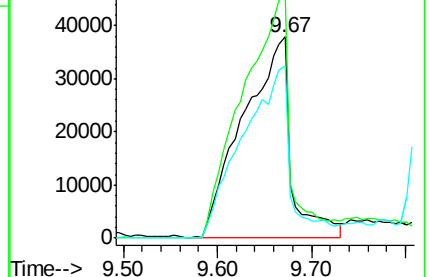
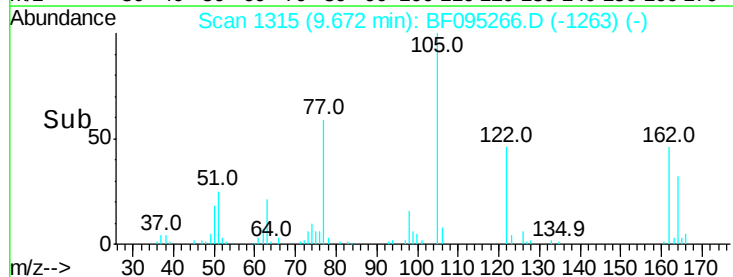
77 85.4 73.7 113.7

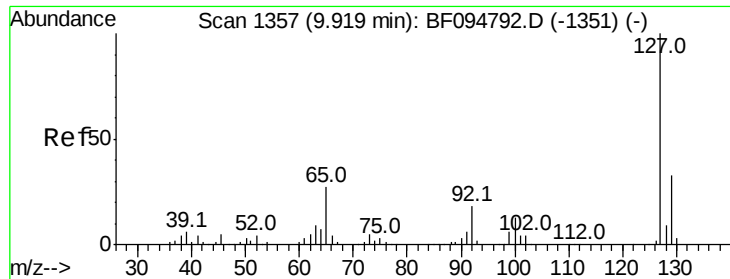


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

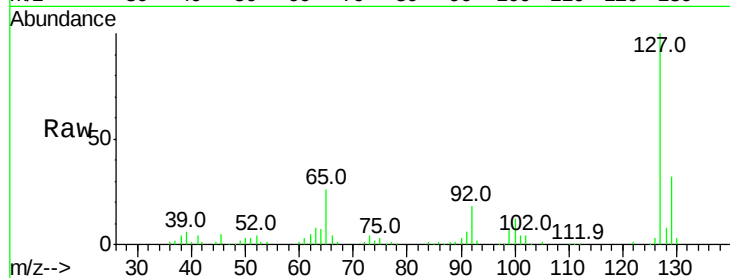




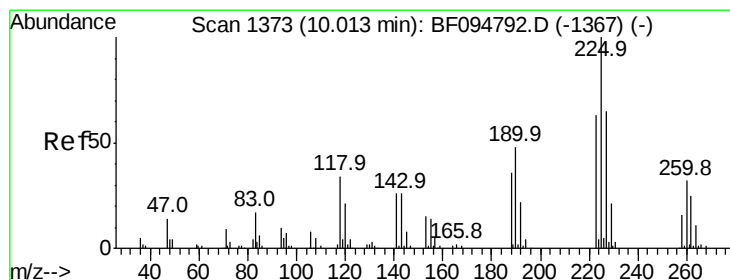
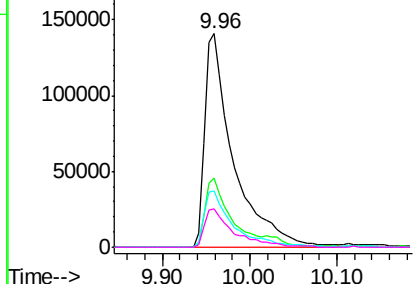
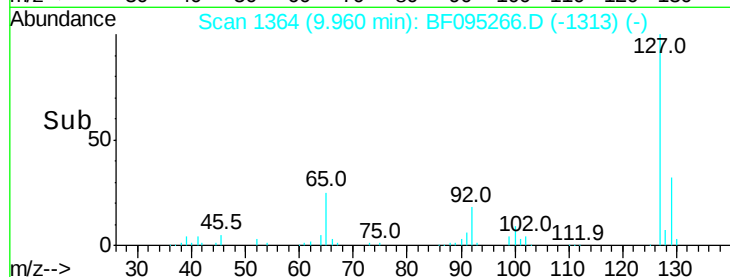
#33
 4-Chloroaniline
 Concen: 39.12 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	321112
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	26.1	27.8	41.8#
92	18.0	16.8	25.2

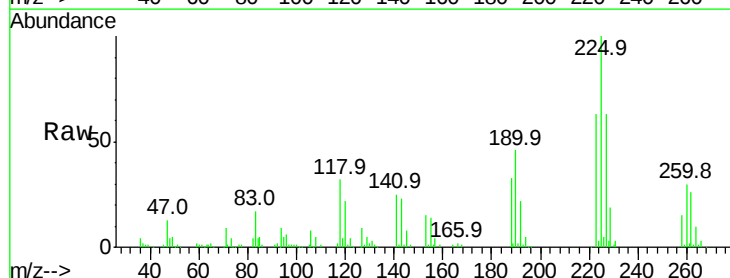


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

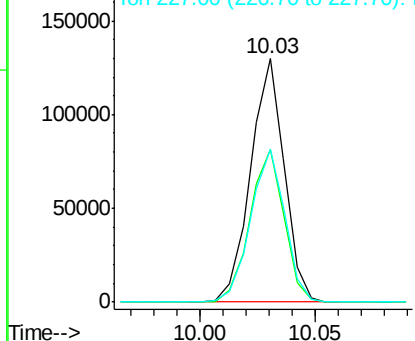
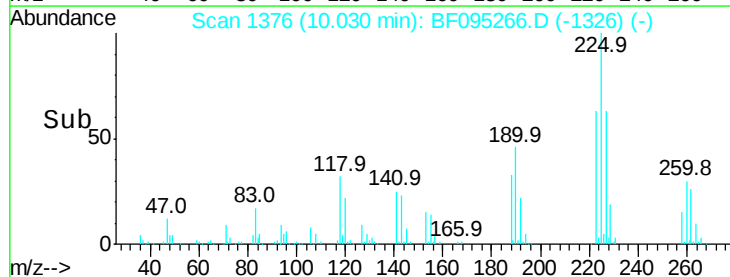


#34
 Hexachlorobutadiene
 Concen: 39.04 ng
 RT: 10.03 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion:	225	Resp:	132443
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	62.9	51.1	76.7



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





#35

Caprolactam

Concen: 25.94 ng

RT: 10.60 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

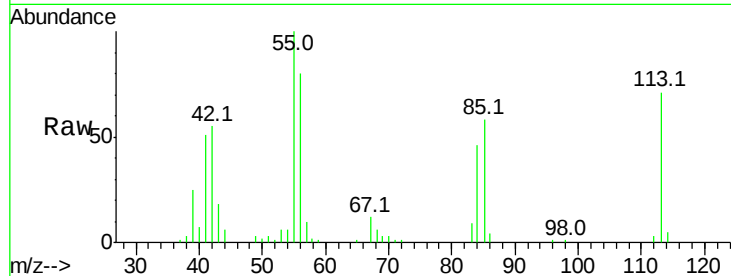
Tot Ion:113 Resp: 46748

Ion Ratio Lower Upper

113 100

55 141.3 150.2 190.2#

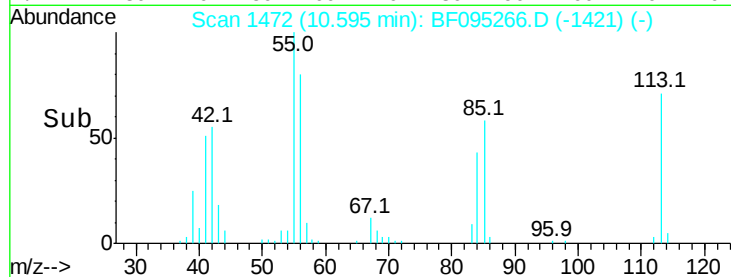
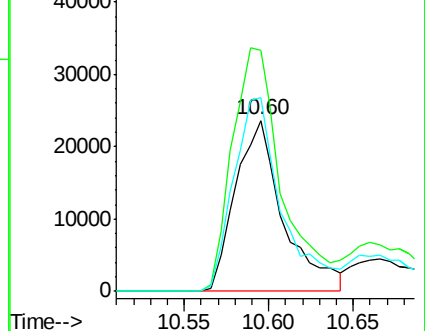
56 113.6 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.67 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

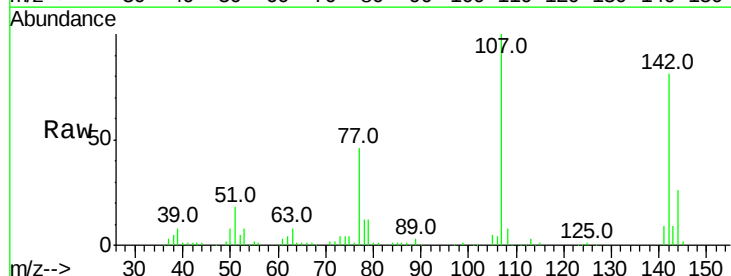
Tgt Ion:107 Resp: 254544

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

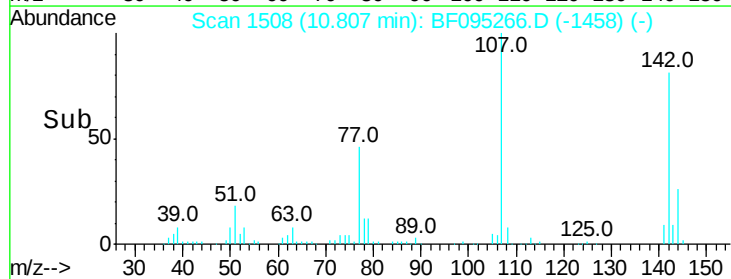
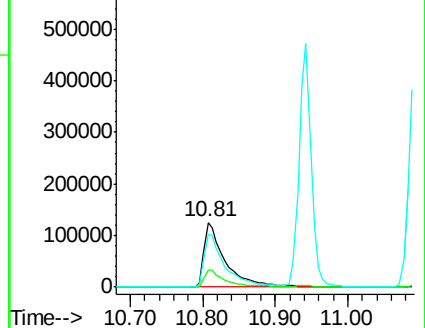
142 81.0 73.4 110.0

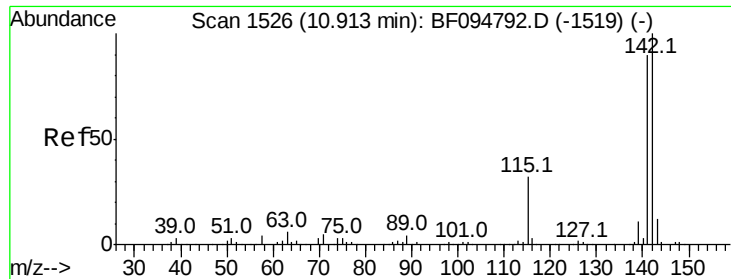


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

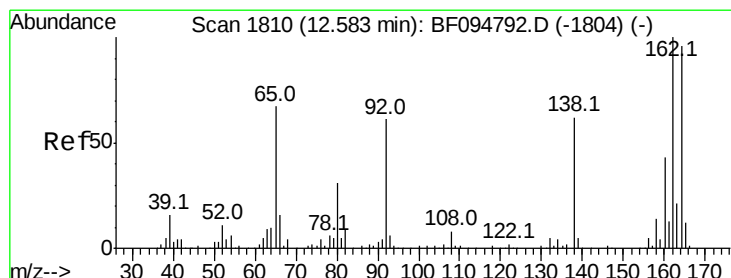
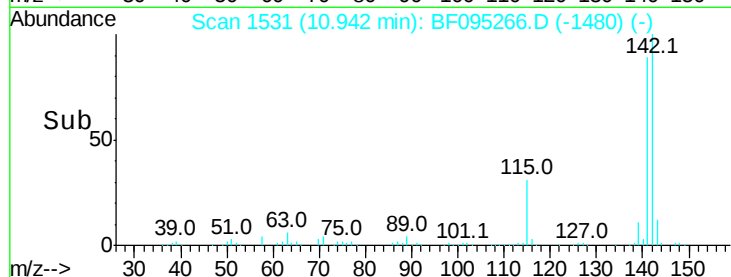
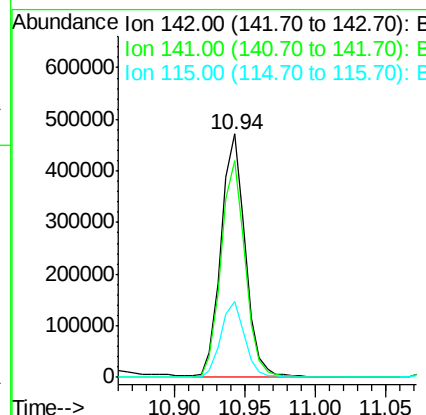
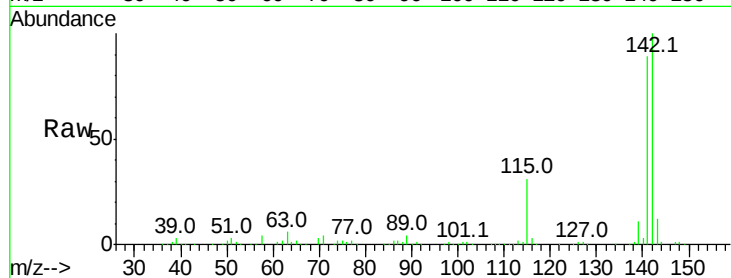




#37
2-Methylnaphthalene
Concen: 38.96 ng
RT: 10.94 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

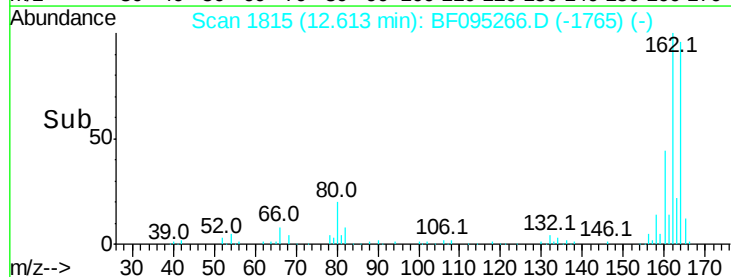
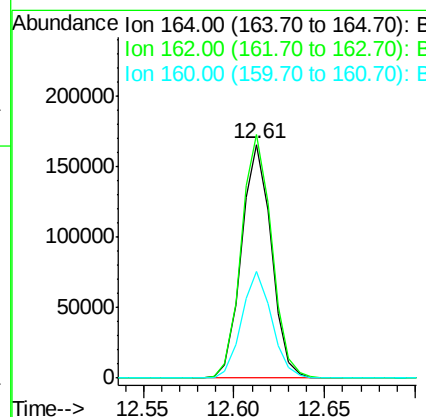
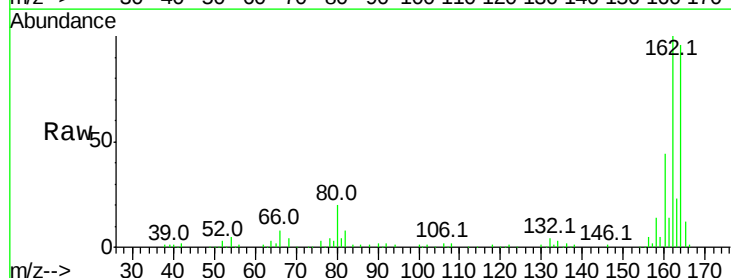
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 563288
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 30.9 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: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion:164 Resp: 189195
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 45.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.10 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 239154

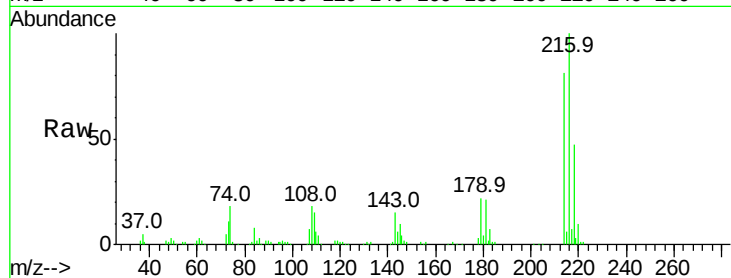
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 21.9 17.9 26.9

108 18.8 16.5 24.7

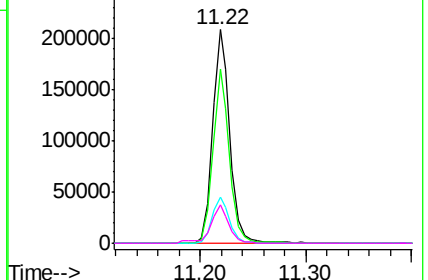
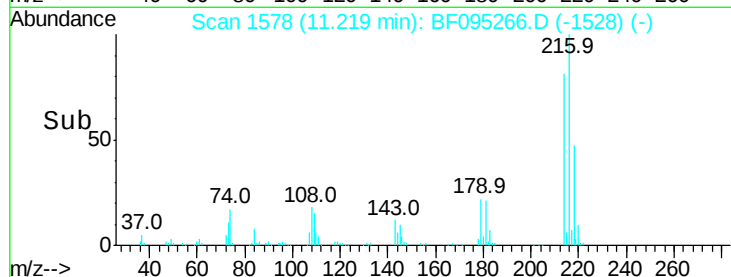


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.00 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

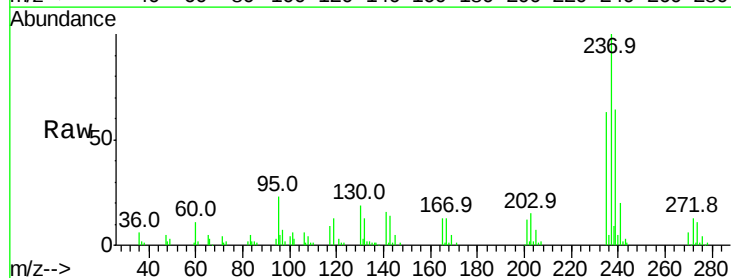
Tgt Ion:237 Resp: 79233

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

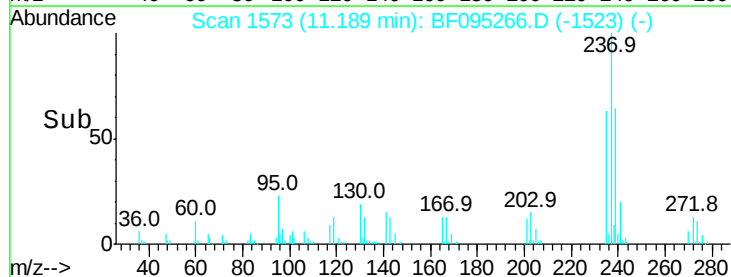
272 12.7 0.0 31.9



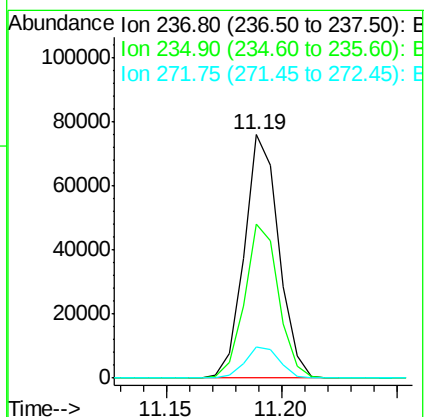
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

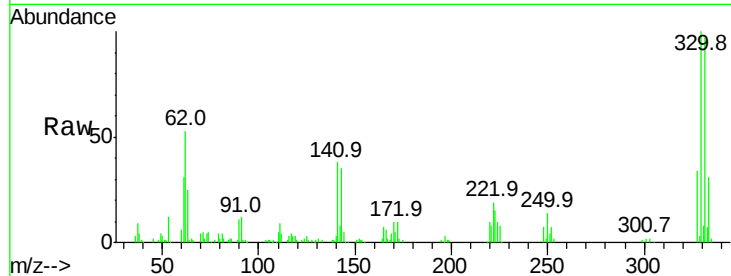




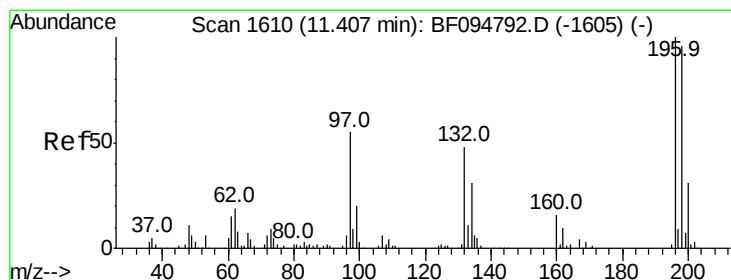
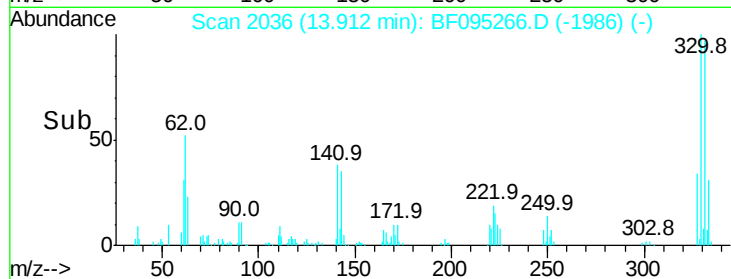
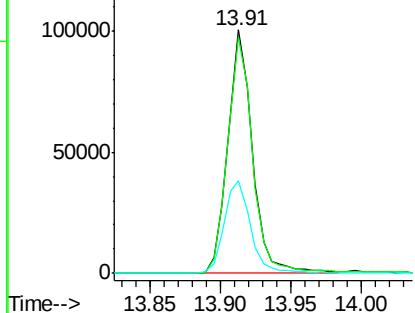
#41
 2,4,6-Tribromophenol
 Concen: 78.97 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.6	115.0
141	40.9	31.4	47.2

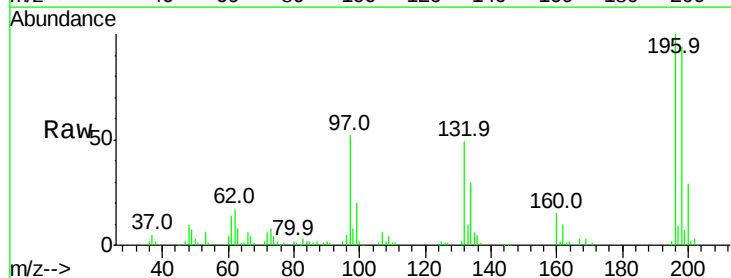


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

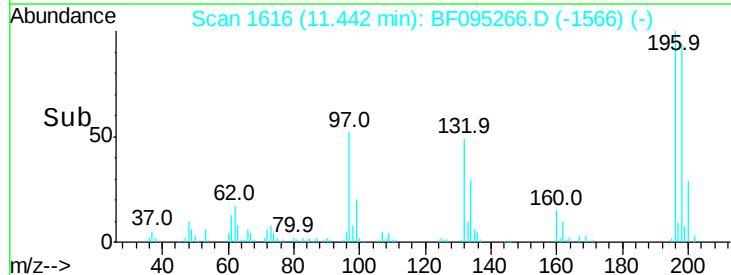
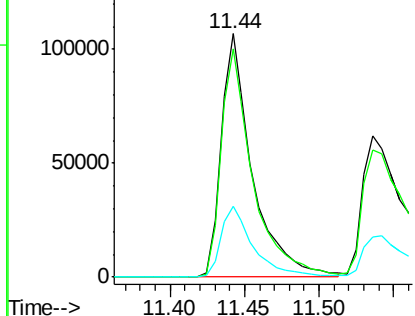


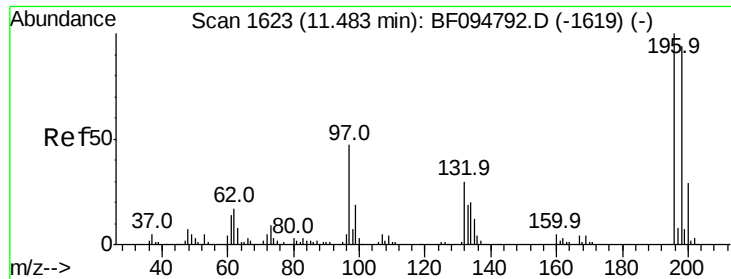
#42
 2,4,6-Trichlorophenol
 Concen: 40.12 ng
 RT: 11.44 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.2	111.4
200	29.0	24.0	36.0



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

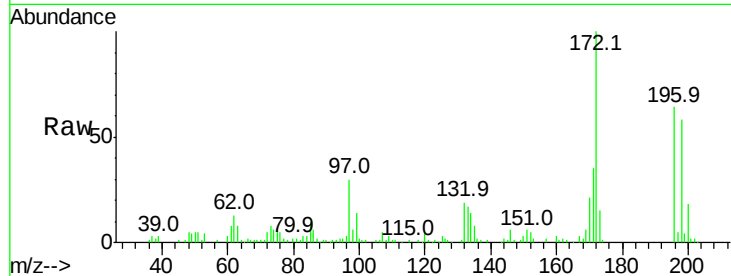




#43
 2,4,5-Trichlorophenol
 Concen: 37.62 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.8	75.7	113.5
97	47.0	47.7	71.5#
132	29.1	28.0	42.0



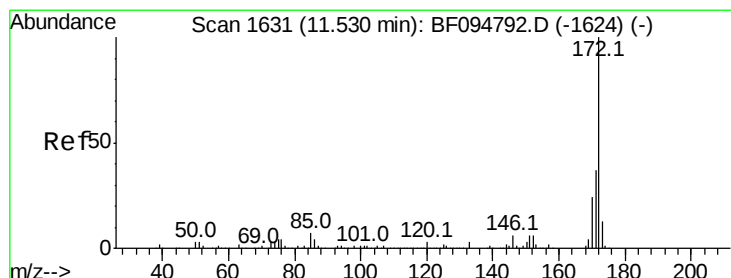
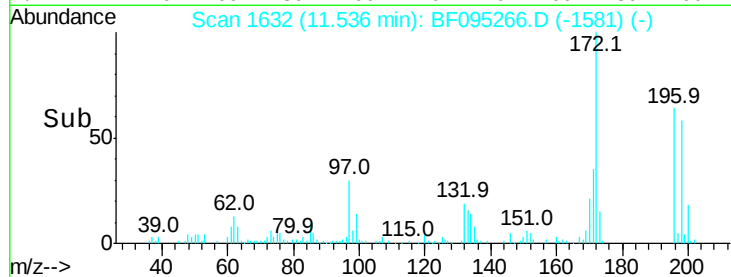
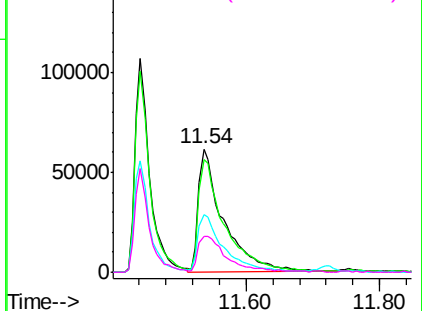
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

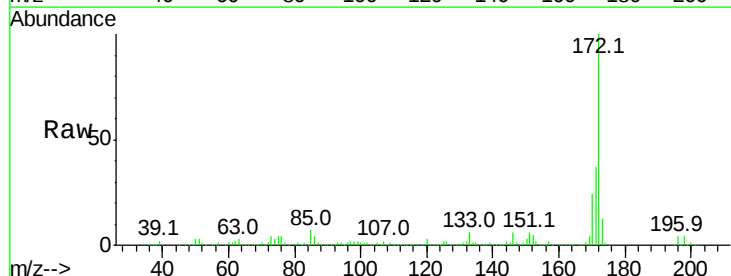
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.62 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.6	19.8	29.8

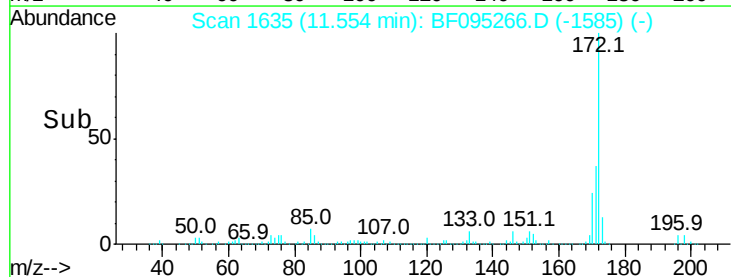
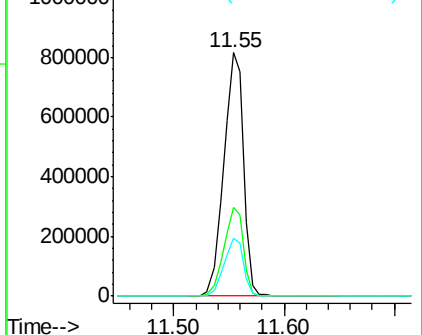


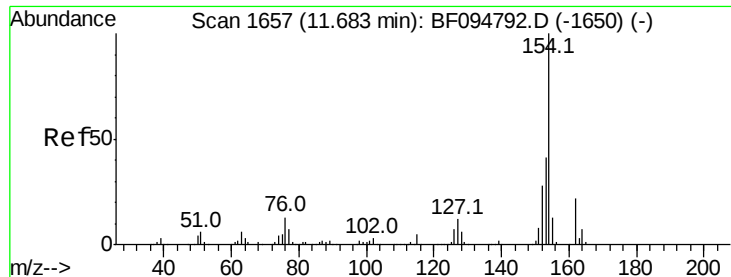
Abundance

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: 41.21 ng

RT: 11.71 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

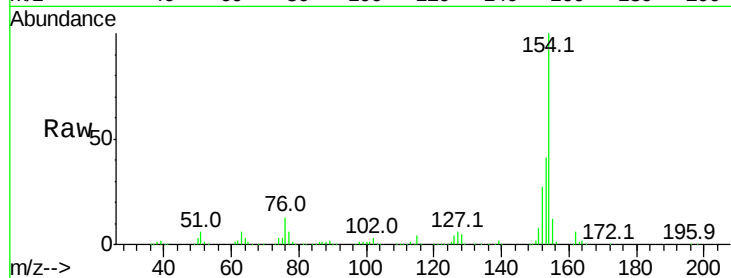
Tot Ion:154 Resp: 656475

Ion Ratio Lower Upper

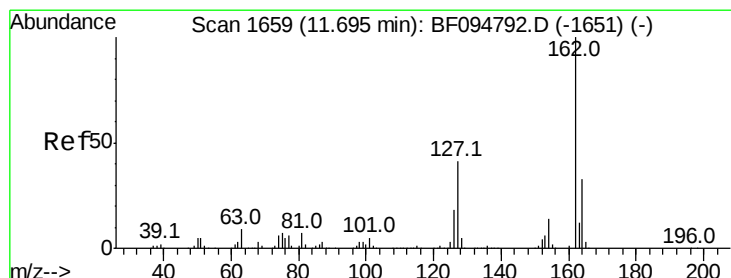
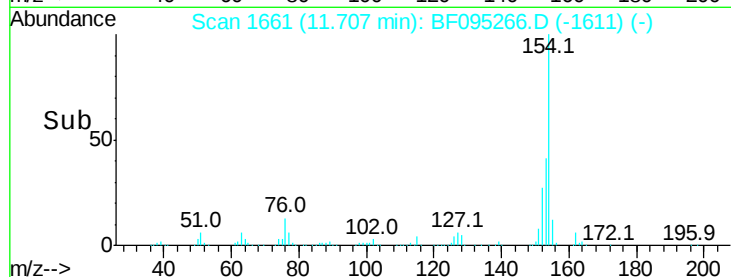
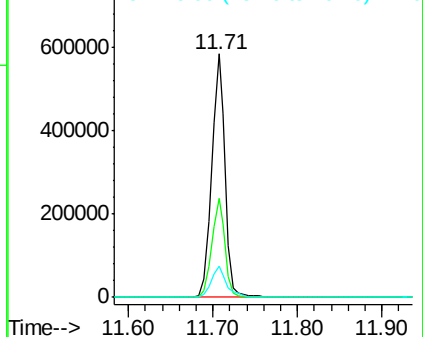
154 100

153 40.9 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: 39.88 ng

RT: 11.72 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

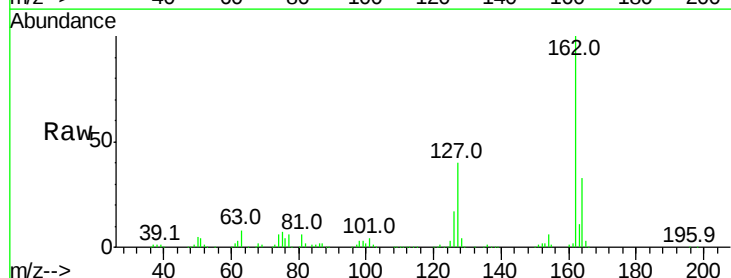
Tgt Ion:162 Resp: 512917

Ion Ratio Lower Upper

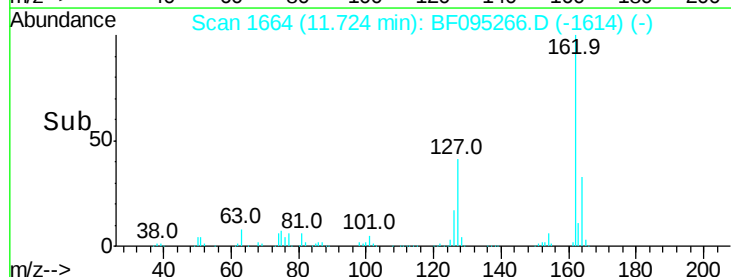
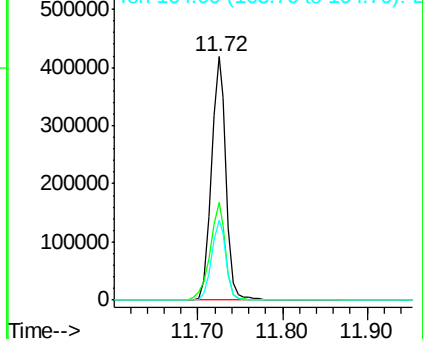
162 100

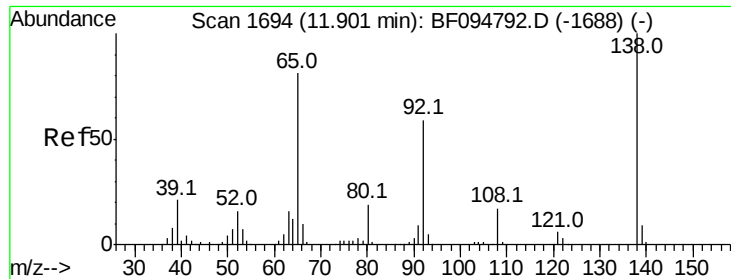
127 40.4 28.3 42.5

164 33.0 27.0 40.4



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





#47

2-Nitroaniline

Concen: 41.07 ng

RT: 11.95 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampled :

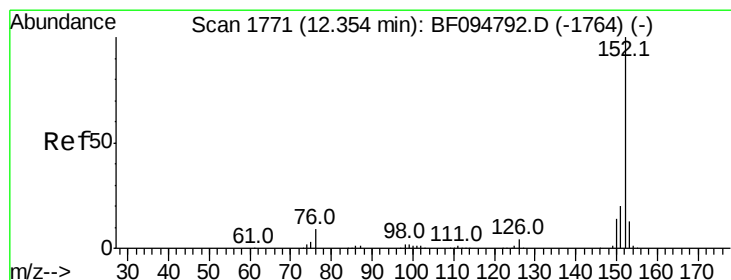
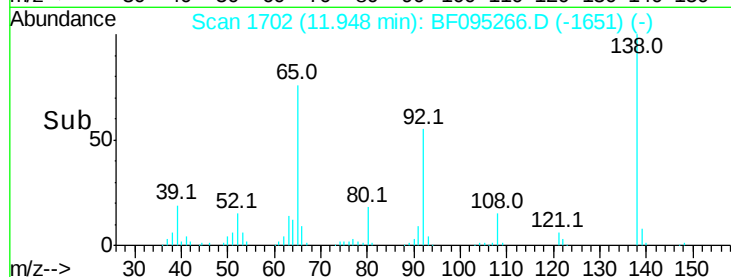
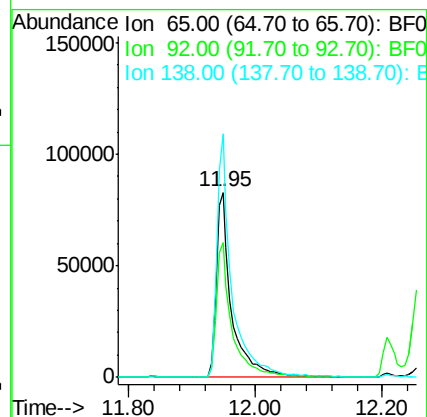
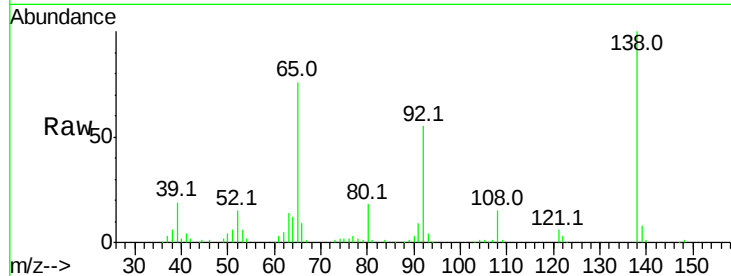
Tot Ion: 65 Resp: 144595

Ion Ratio Lower Upper

65 100

92 72.8 53.9 80.9

138 131.7 78.8 118.2#



#48

Acenaphthylene

Concen: 40.86 ng

RT: 12.38 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

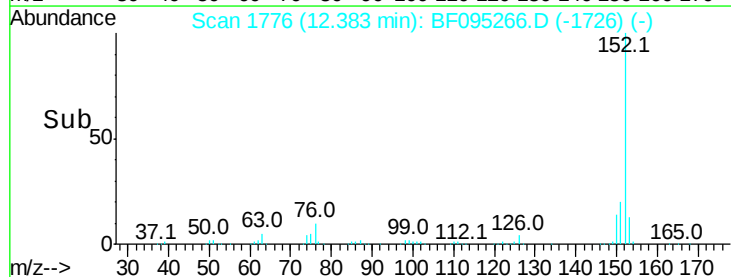
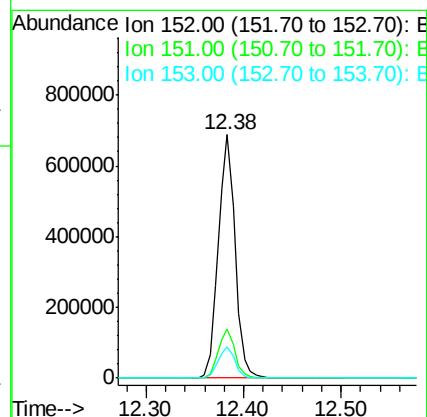
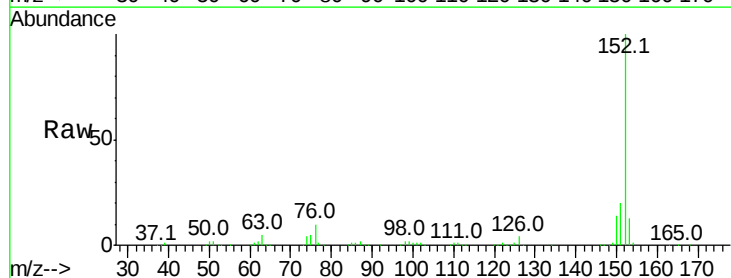
Tgt Ion: 152 Resp: 823167

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 39.23 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

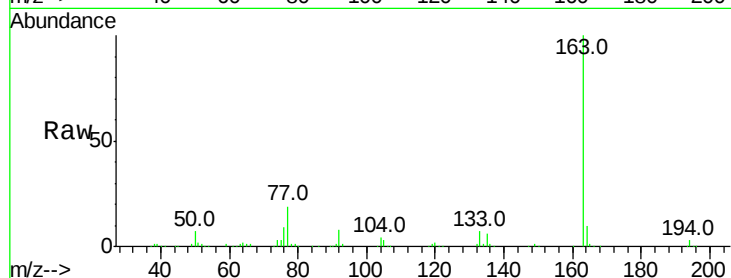
Tot Ion:163 Resp: 609300

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

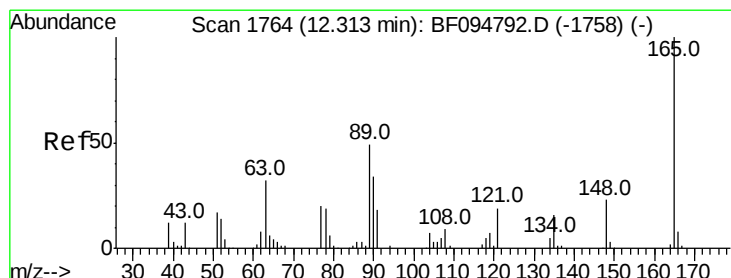
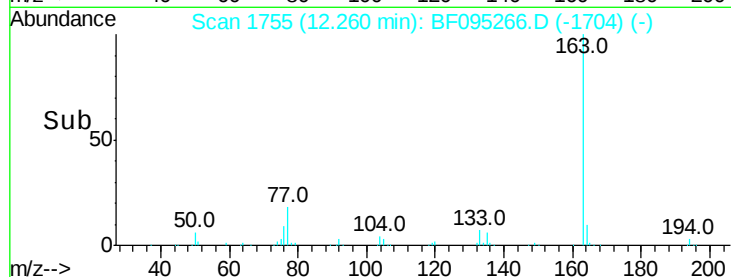
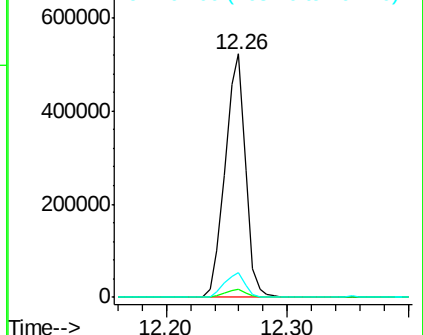
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.76 ng

RT: 12.35 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

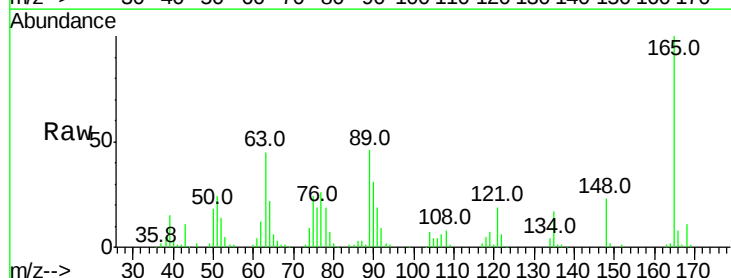
Tgt Ion:165 Resp: 129147

Ion Ratio Lower Upper

165 100

63 45.5 34.3 51.5

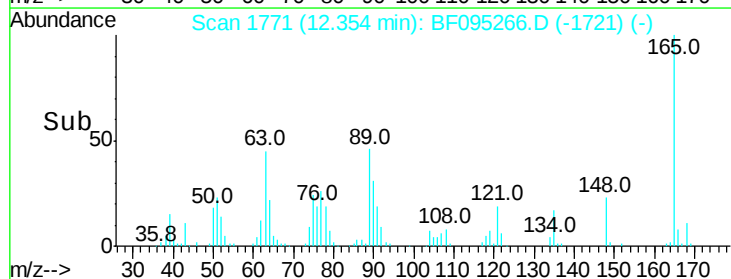
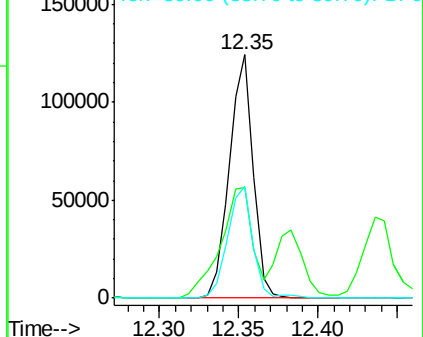
89 46.0 37.1 55.7

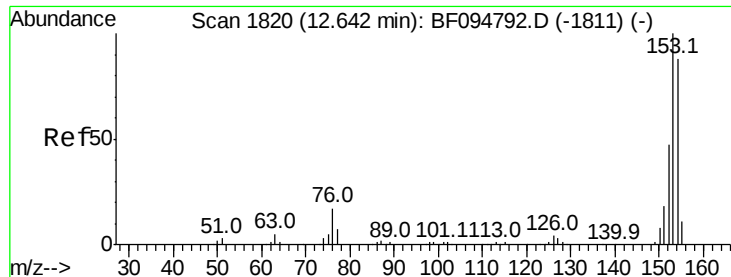


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.64 ng

RT: 12.67 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

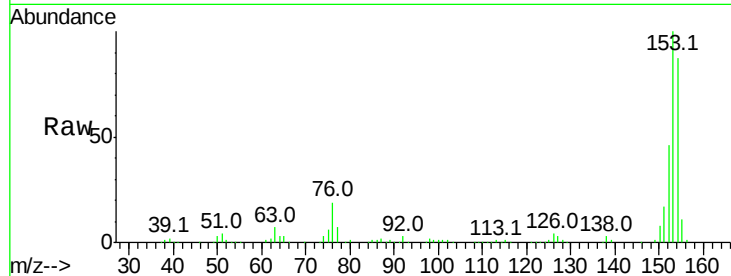
Tot Ion:154 Resp: 476936

Ion Ratio Lower Upper

154 100

153 115.2 90.5 135.7

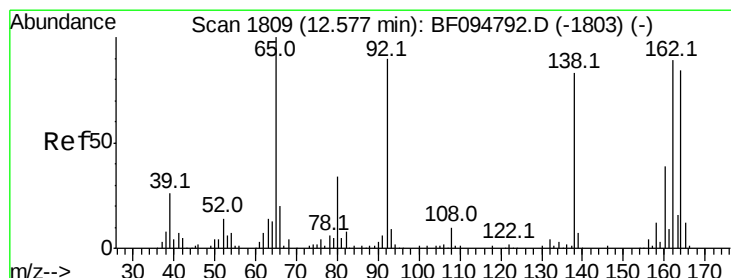
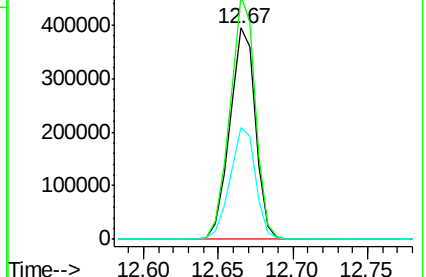
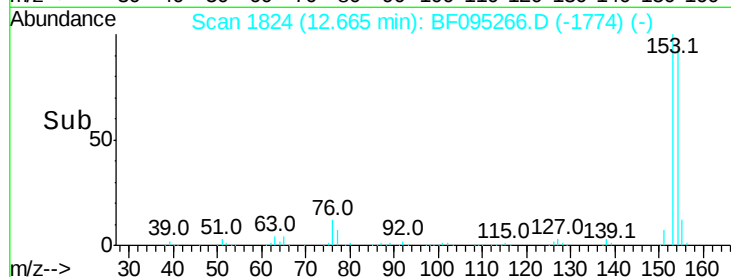
152 53.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.41 ng

RT: 12.63 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

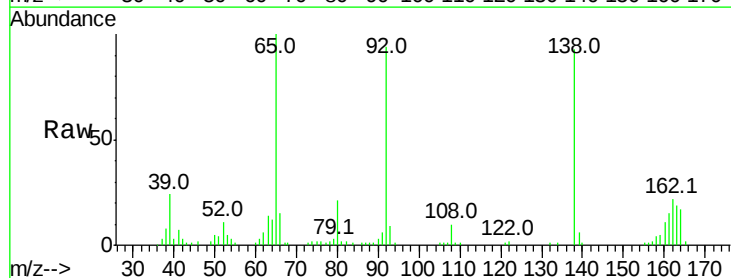
Tgt Ion:138 Resp: 120415

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

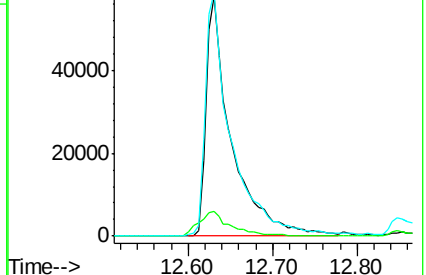
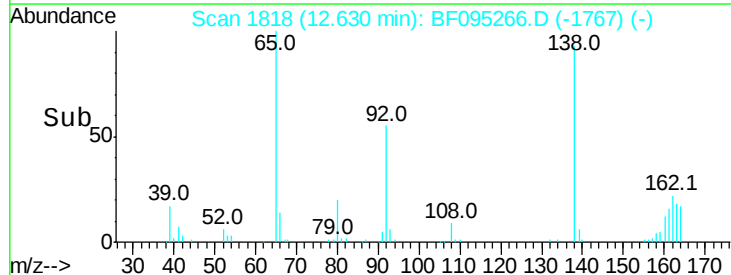
92 101.4 93.8 140.6

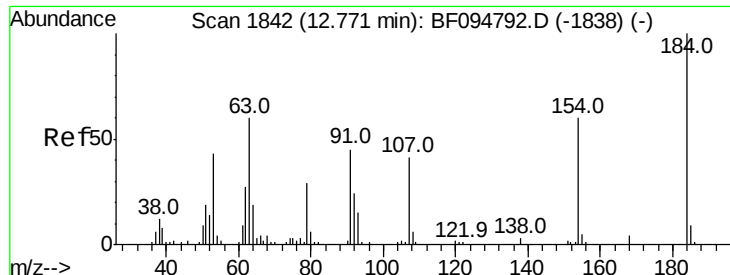


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 36.65 ng

RT: 12.85 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampled :

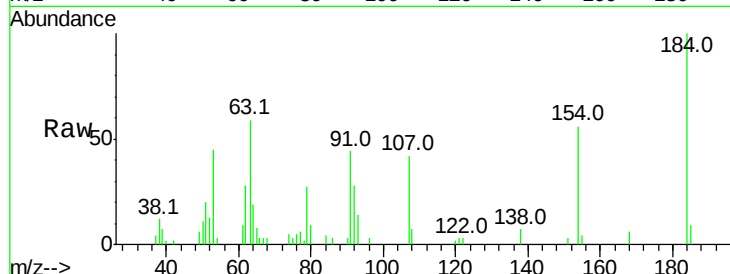
Tot Ion:184 Resp: 57563

Ion Ratio Lower Upper

184 100

63 59.5 62.7 94.1#

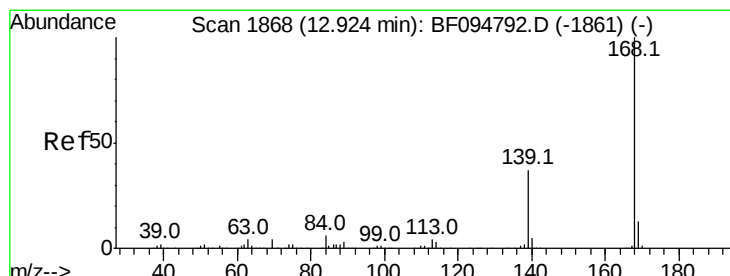
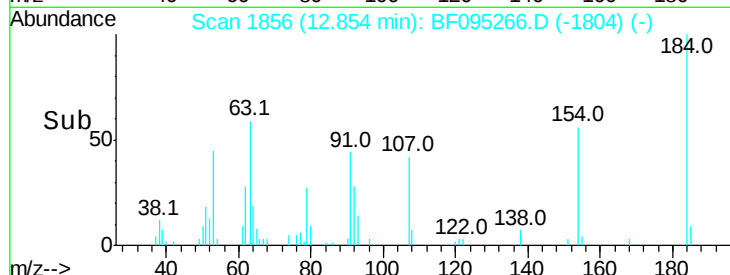
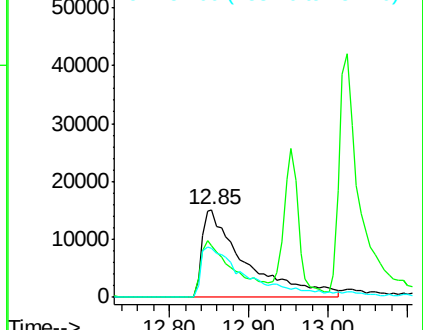
154 55.9 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.18 ng

RT: 12.95 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

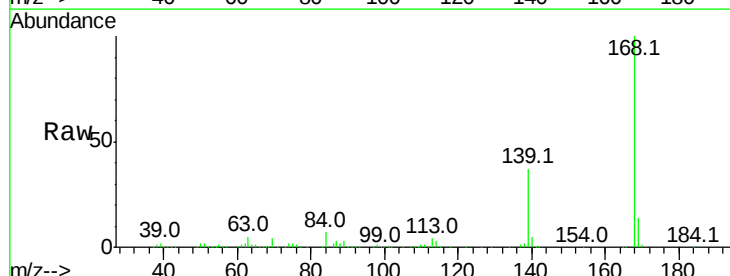
Tgt Ion:168 Resp: 685658

Ion Ratio Lower Upper

168 100

139 37.1 30.6 45.8

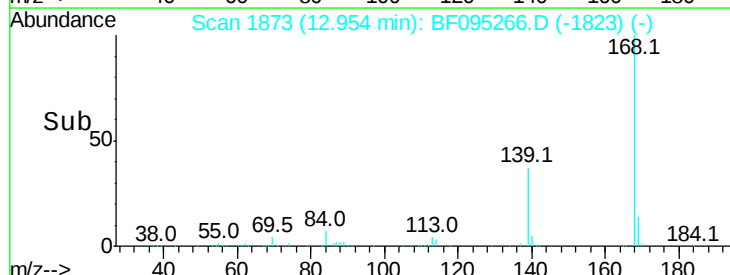
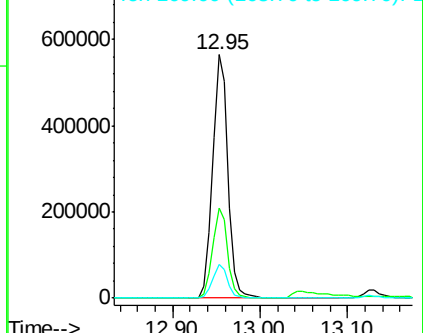
169 13.9 10.8 16.2



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

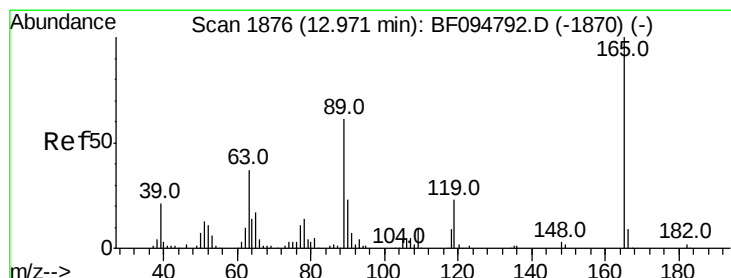
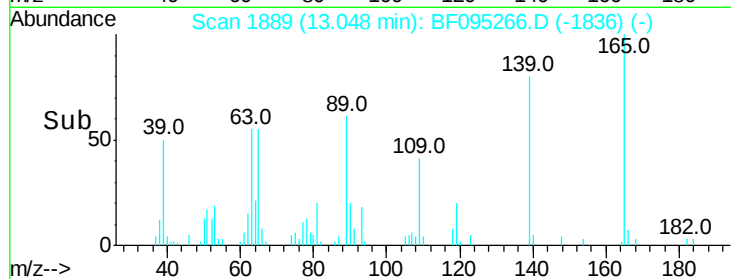
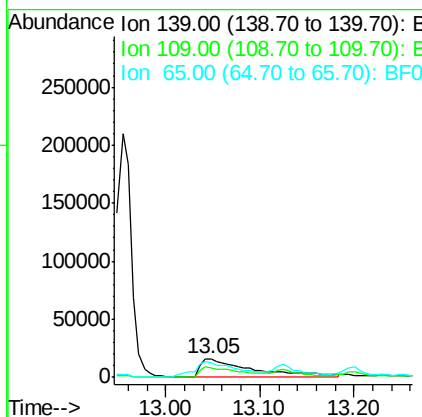
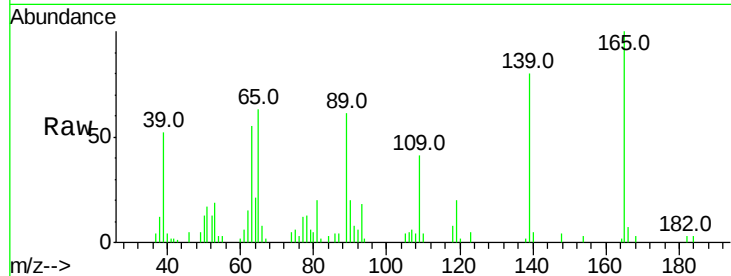




#55
4-Nitrophenol
Concen: 28.49 ng
RT: 13.05 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

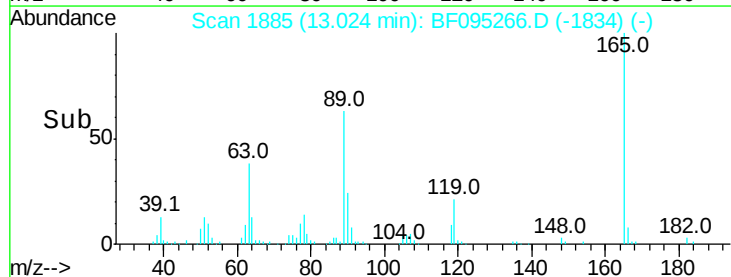
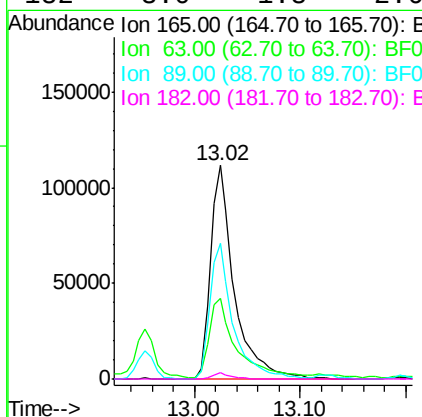
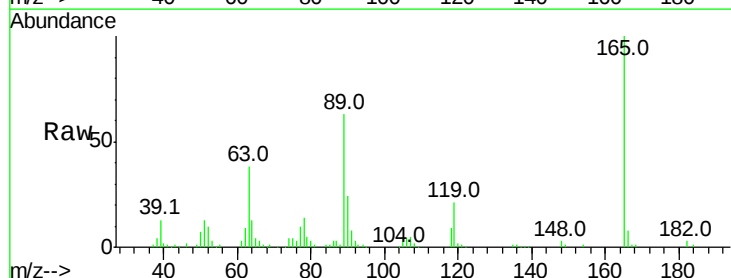
Instrument :
BNA_F
ClientSampleId :

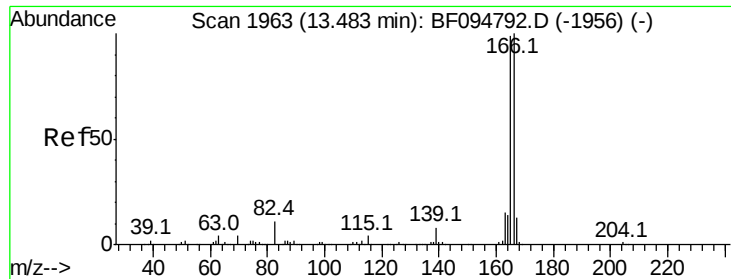
Tot Ion:139 Resp: 58193
Ion Ratio Lower Upper
139 100
109 51.5 34.1 74.1
65 79.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.20 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion:165 Resp: 175905
Ion Ratio Lower Upper
165 100
63 37.6 25.4 38.0
89 63.3 46.4 69.6
182 3.0 1.8 2.6#





#57

Fluorene

Concen: 39.73 ng

RT: 13.51 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

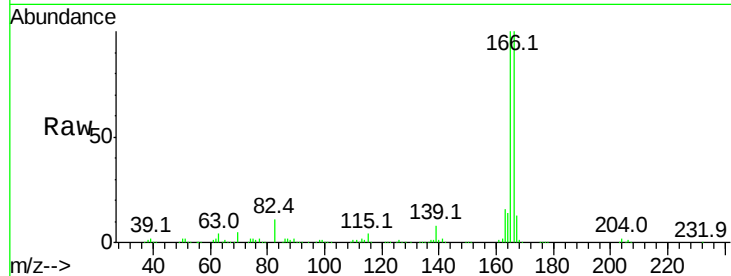
Tot Ion:166 Resp: 575235

Ion Ratio Lower Upper

166 100

165 100.3 78.8 118.2

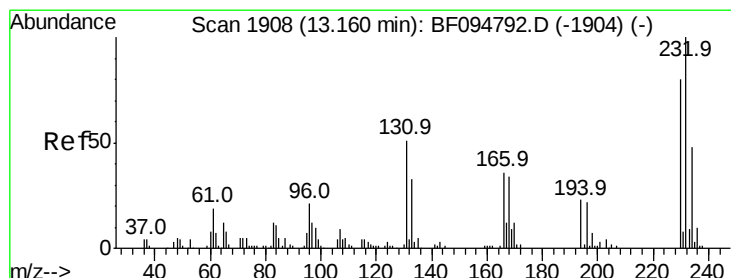
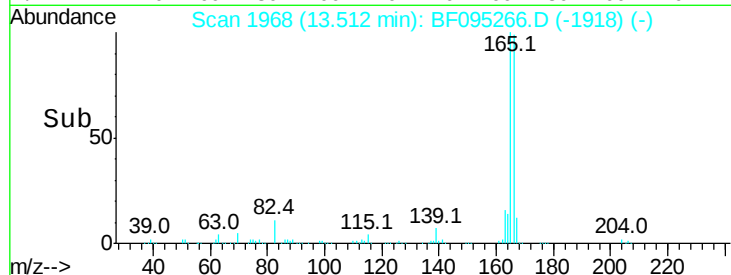
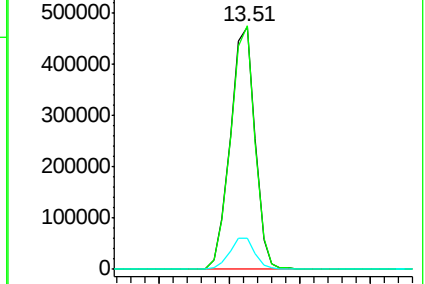
167 12.8 10.6 16.0



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: 39.53 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Tgt Ion:232 Resp: 103867

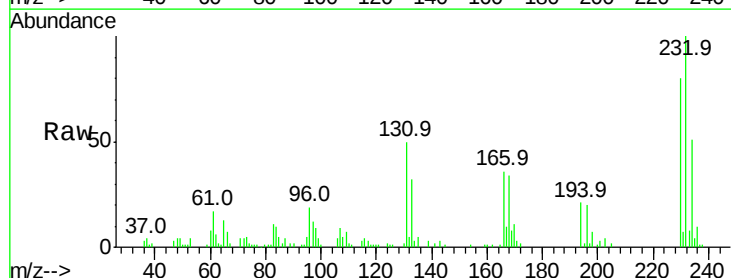
Ion Ratio Lower Upper

232 100

131 50.3 44.8 67.2

130 2.3 2.3 3.5#

166 34.9 29.0 43.4

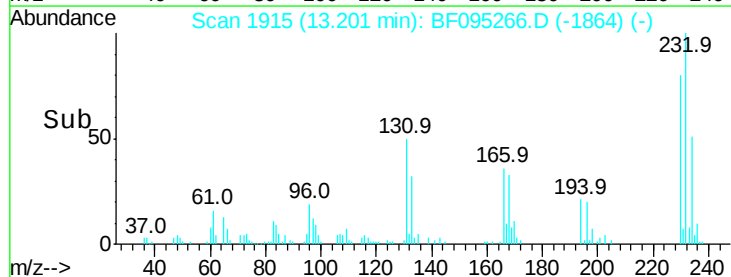
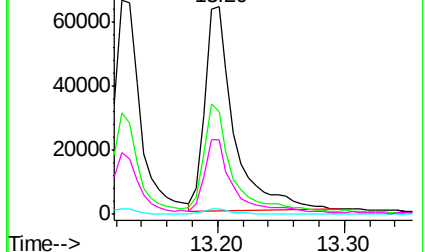


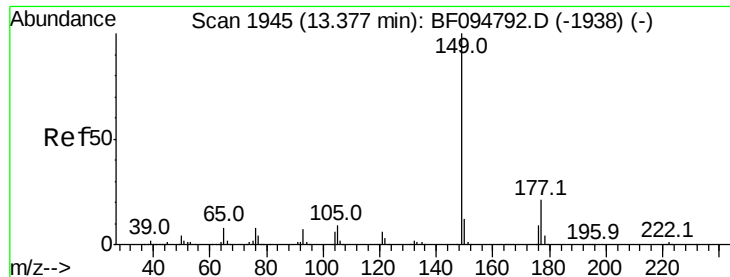
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

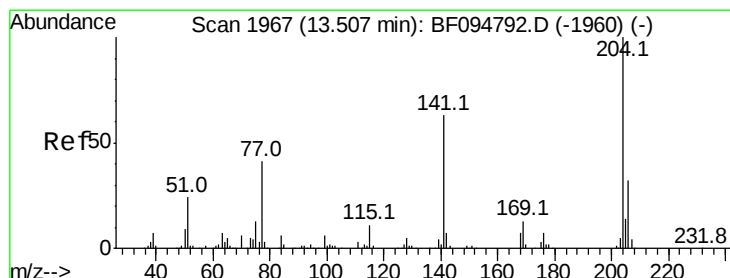
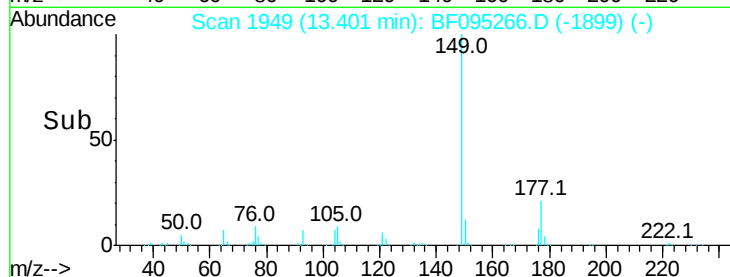
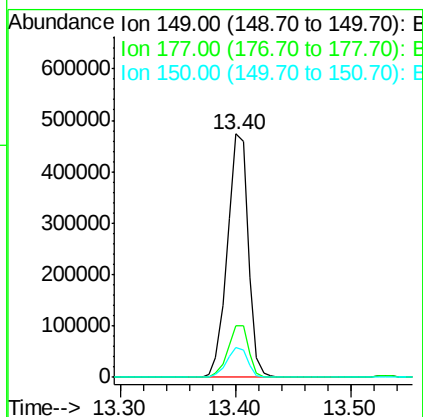
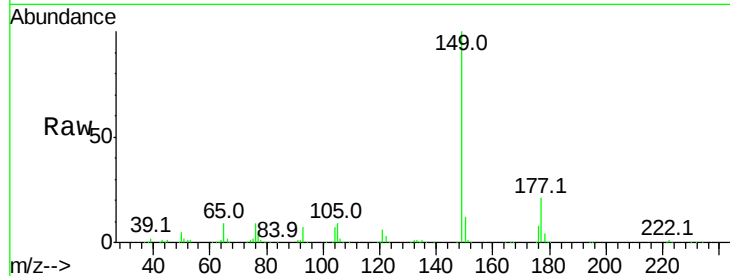




#59
Diethylphthalate
Concen: 39.80 ng
RT: 13.40 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

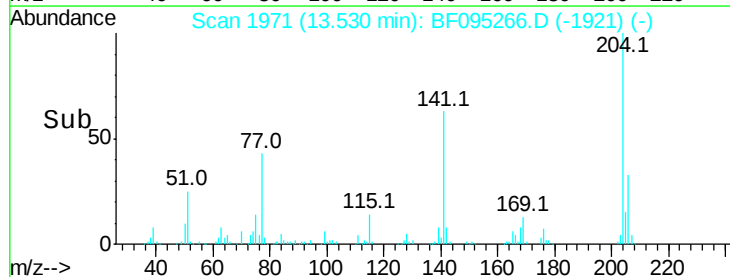
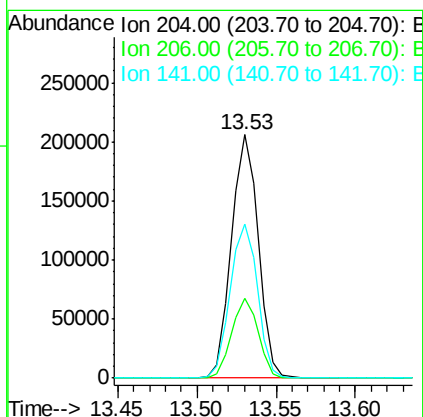
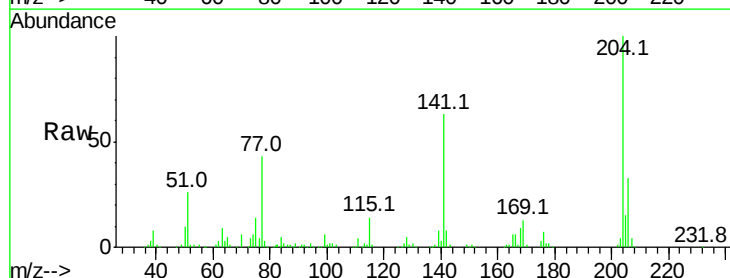
Instrument :
BNA_F
ClientSampleId :

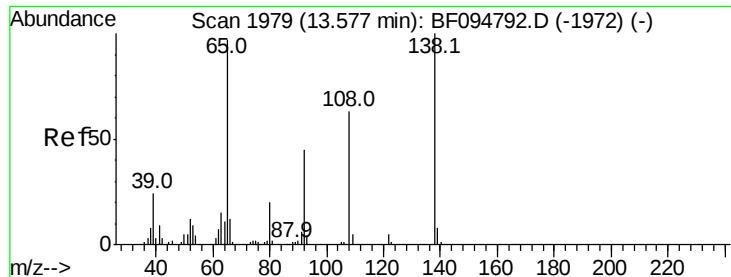
Tot Ion:149 Resp: 592552
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.00 ng
RT: 13.53 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion:204 Resp: 241781
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 63.5 60.8 91.2

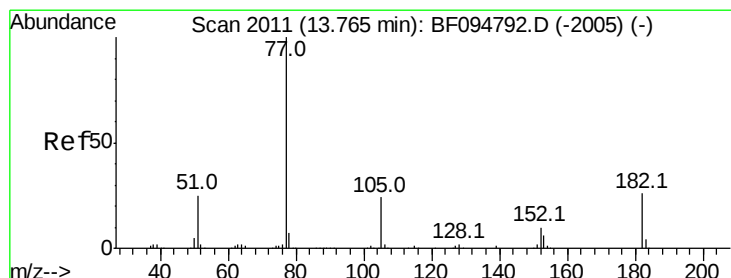
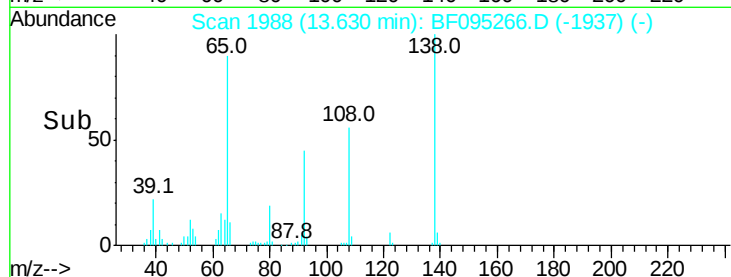
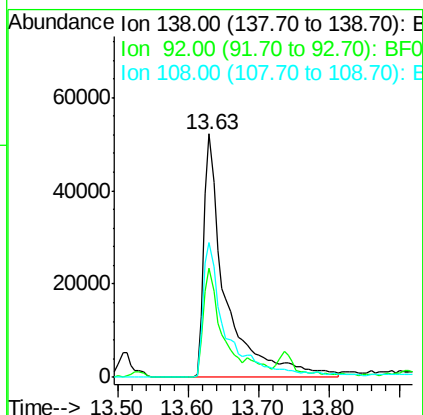
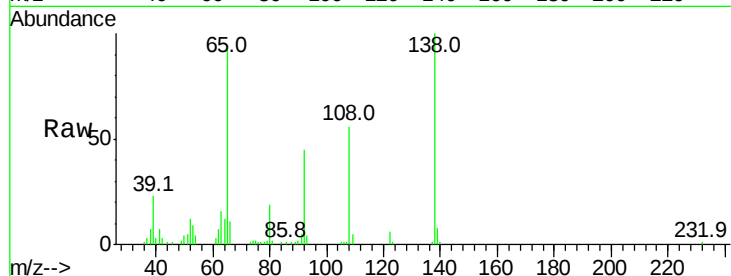




#61
4-Nitroaniline
Concen: 35.96 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

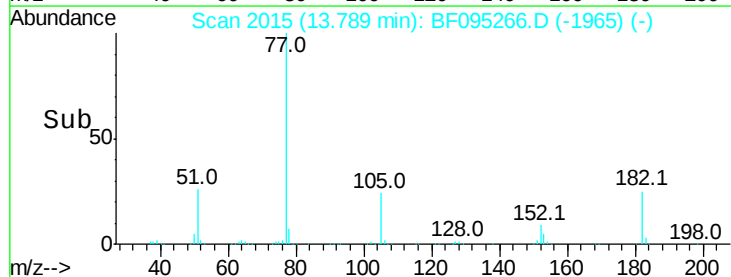
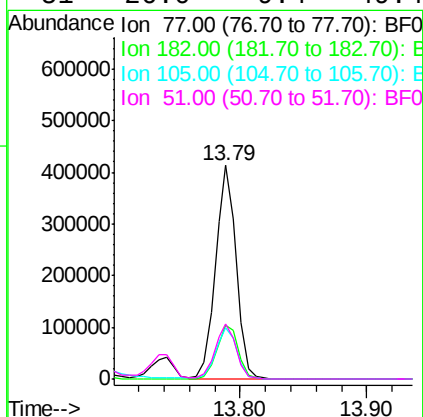
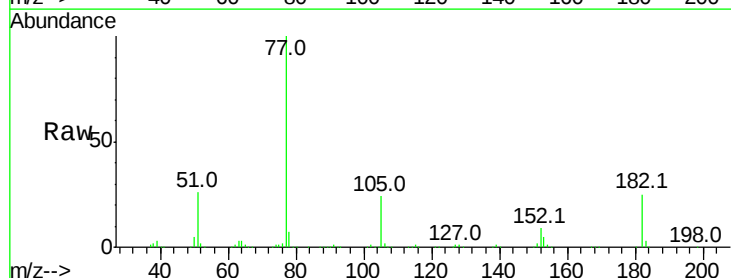
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 112271
Ion Ratio Lower Upper
138 100
92 44.7 21.8 61.8
108 55.6 42.3 82.3



#62
Azobenzene
Concen: 39.24 ng
RT: 13.79 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion: 77 Resp: 469432
Ion Ratio Lower Upper
77 100
182 25.1 0.1 40.1
105 24.2 3.6 43.6
51 26.0 9.4 49.4

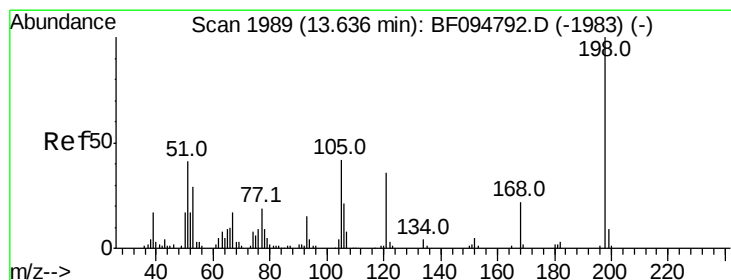
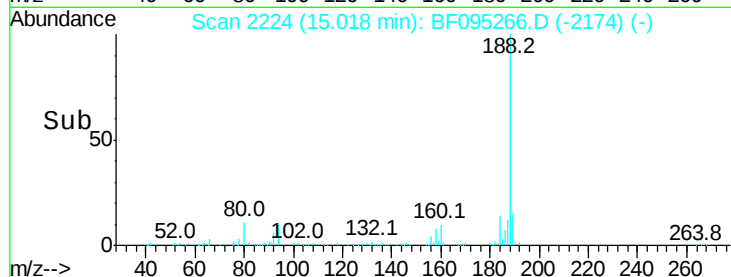
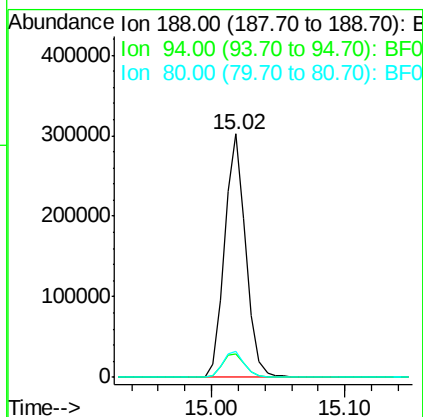
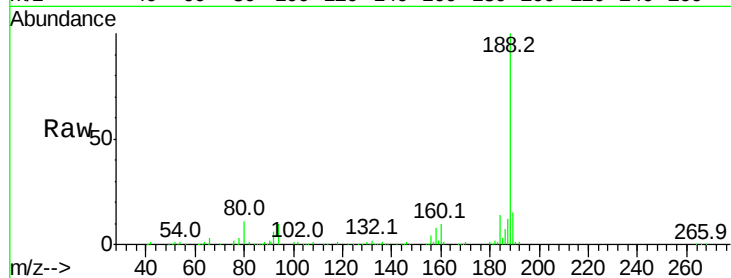




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

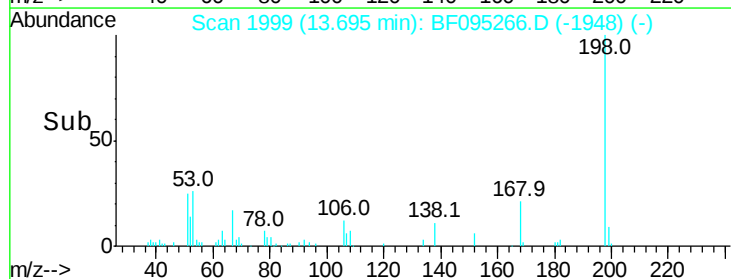
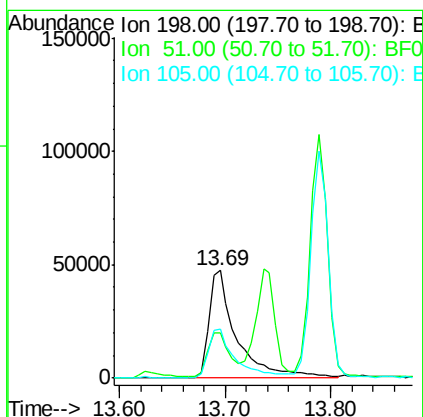
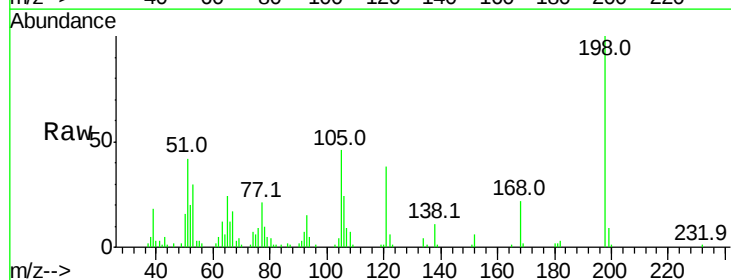
Instrument :
BNA_F
ClientSampled :

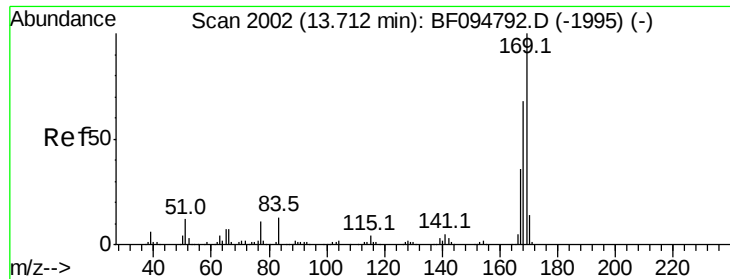
Tot Ion:188 Resp: 336598
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 38.35 ng
RT: 13.69 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion:198 Resp: 86545
Ion Ratio Lower Upper
198 100
51 41.6 53.2 93.2#
105 45.9 45.8 85.8

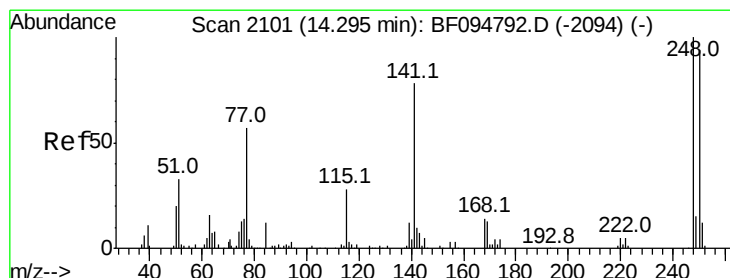
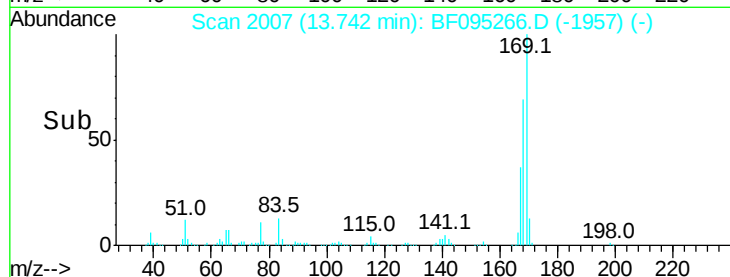
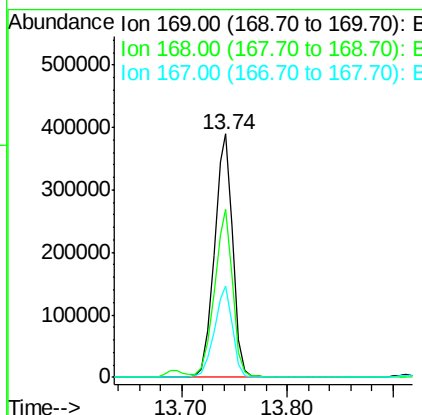
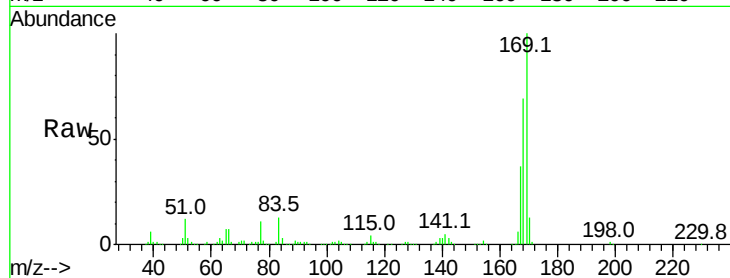




#65
 n-Nitrosodiphenylamine
 Concen: 38.92 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

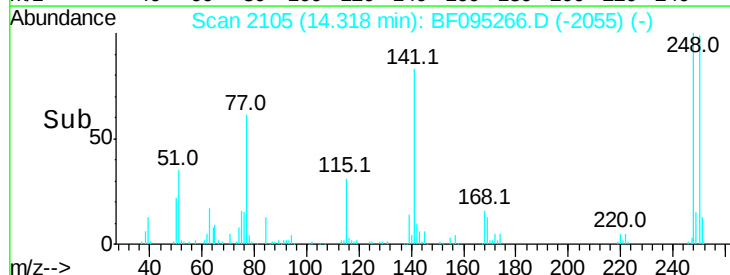
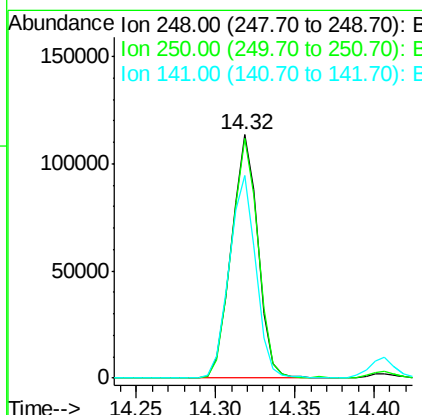
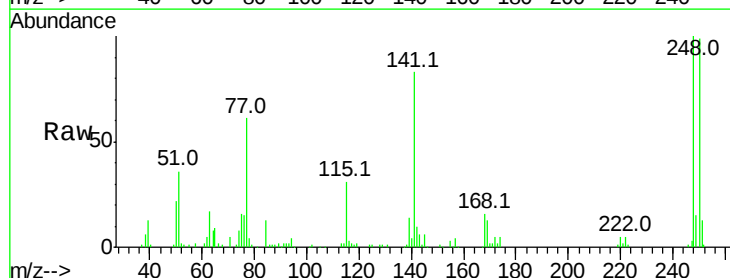
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 475408
 Ion Ratio Lower Upper
 169 100
 168 68.8 53.2 79.8
 167 37.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 36.89 ng
 RT: 14.32 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion:248 Resp: 131181
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.8 115.2
 141 83.2 68.6 103.0





#67

Hexachlorobenzene

Concen: 39.34 ng

RT: 14.41 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

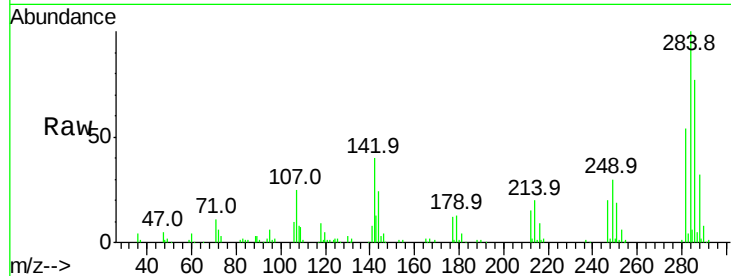
Tot Ion:284 Resp: 143363

Ion Ratio Lower Upper

284 100

142 39.5 22.8 34.2#

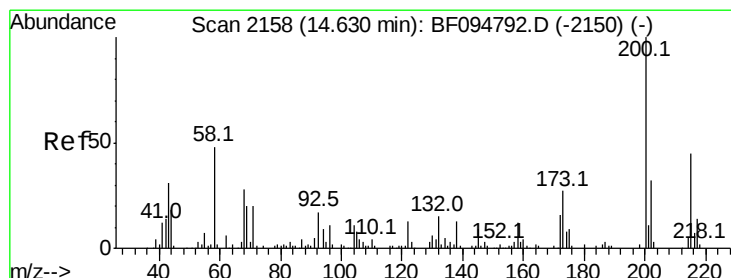
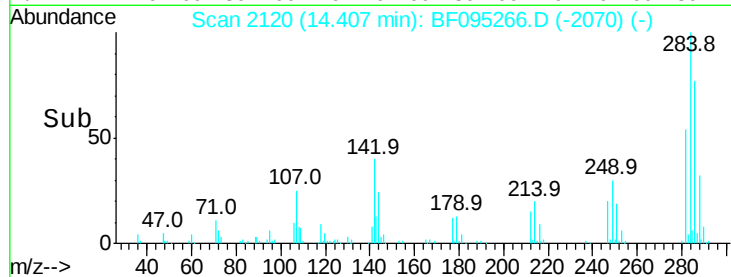
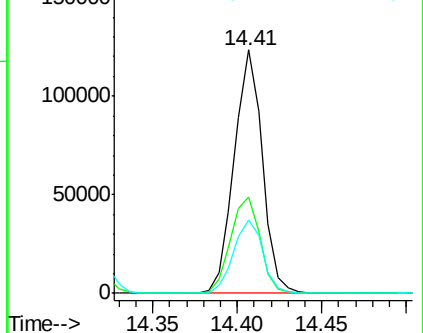
249 30.3 24.0 36.0



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: 39.45 ng

RT: 14.66 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

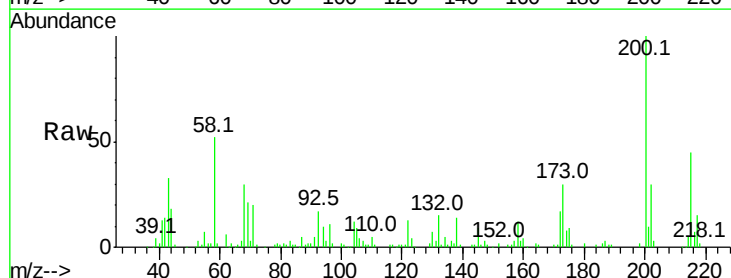
Tgt Ion:200 Resp: 136073

Ion Ratio Lower Upper

200 100

173 29.7 6.3 46.3

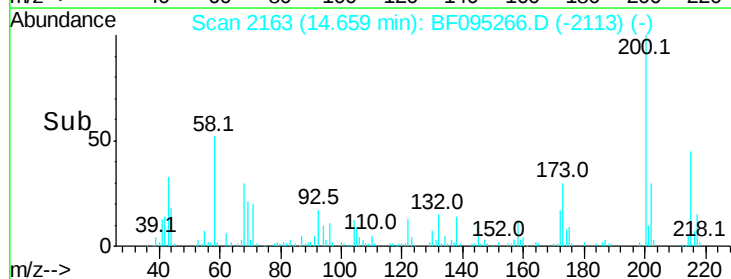
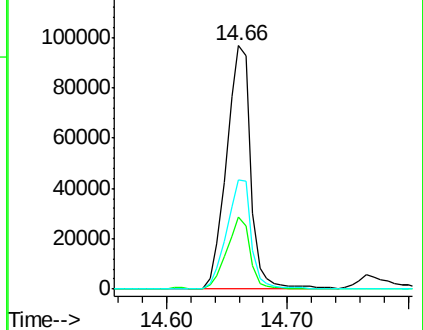
215 45.0 27.2 67.2

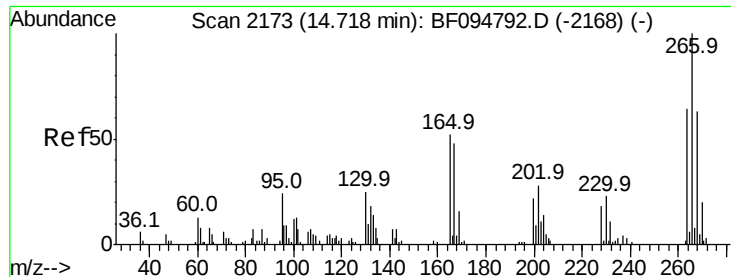


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

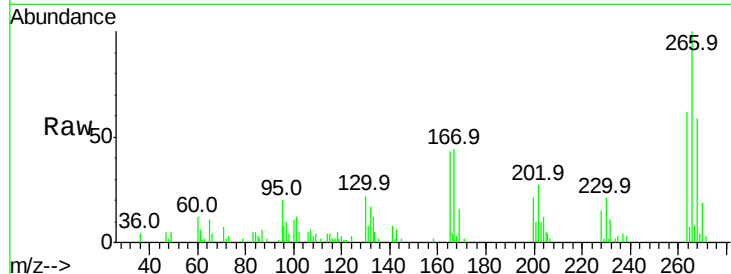




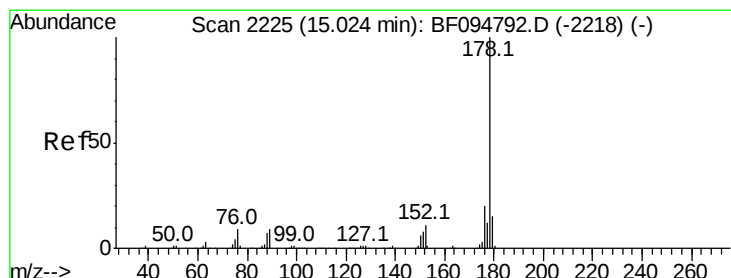
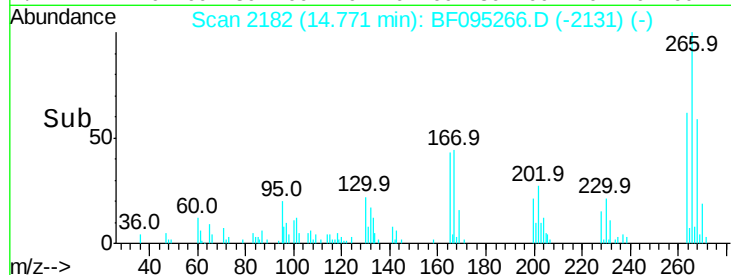
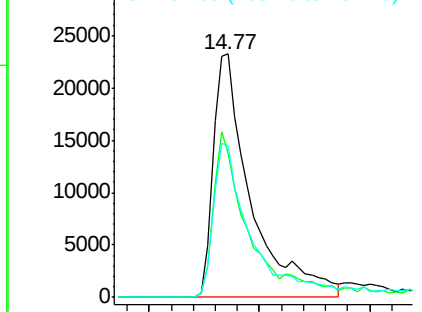
#69
 Pentachlorophenol
 Concen: 36.79 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 54995
 Ion Ratio Lower Upper
 266 100
 268 59.2 51.1 76.7
 264 62.0 51.7 77.5

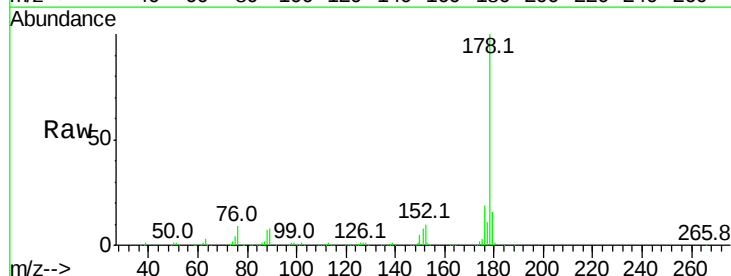


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

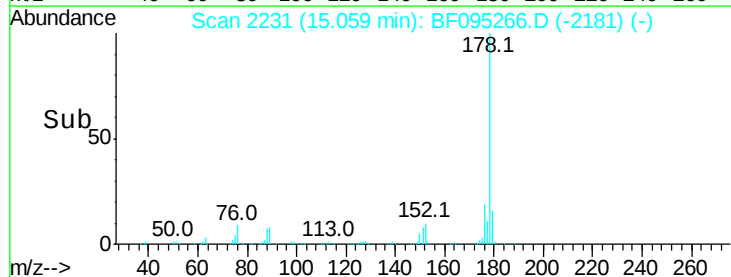
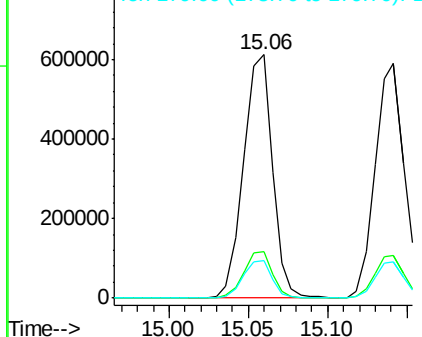


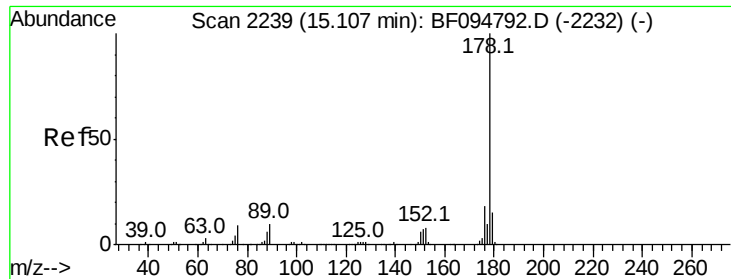
#70
 Phenanthrene
 Concen: 40.17 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion:178 Resp: 776802
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

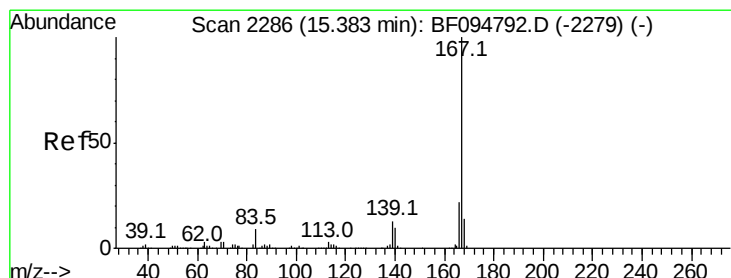
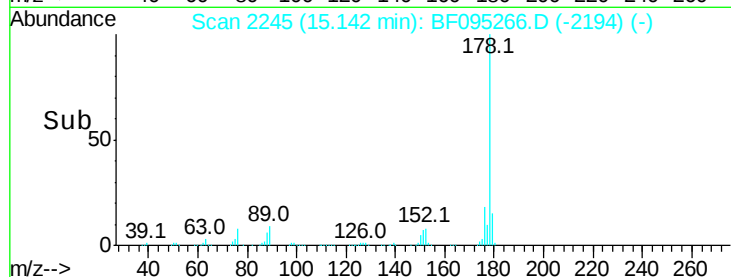
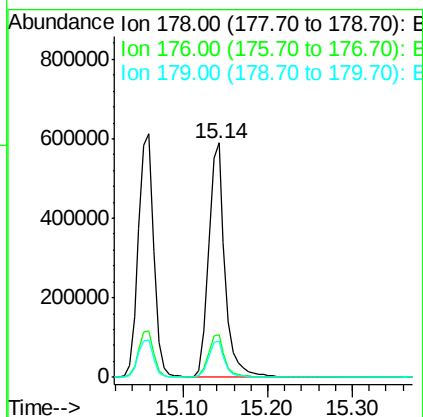
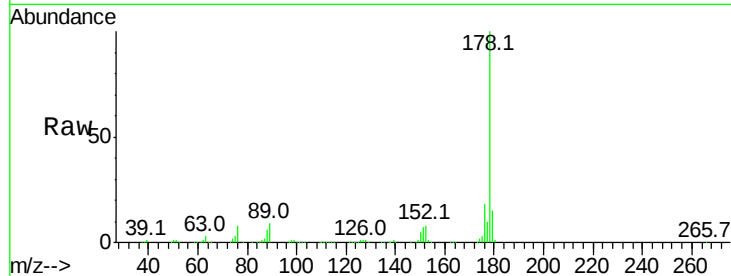




#71
 Anthracene
 Concen: 40.46 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

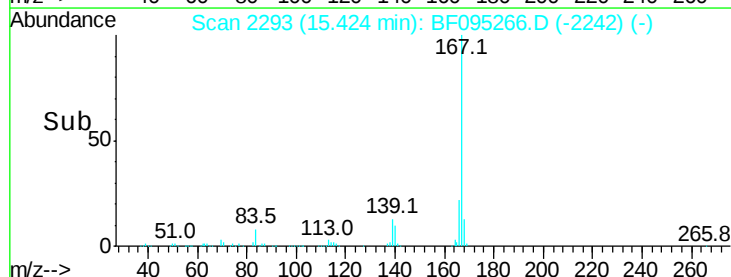
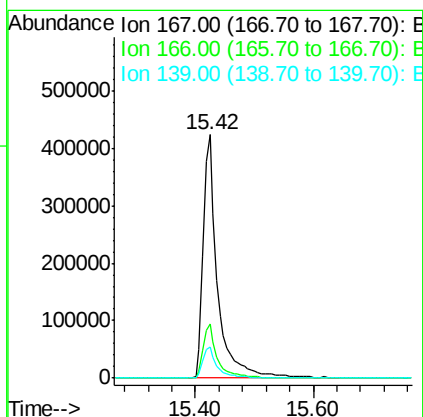
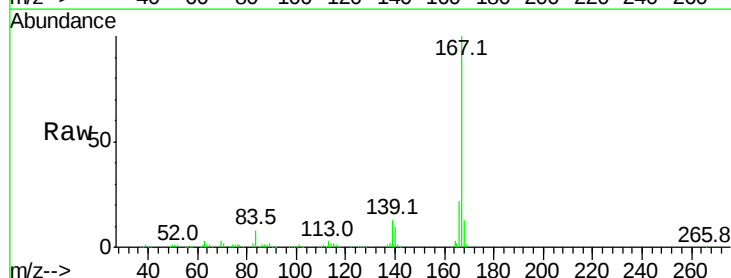
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 799362
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 39.88 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion:167 Resp: 716781
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 12.9 11.7 17.5

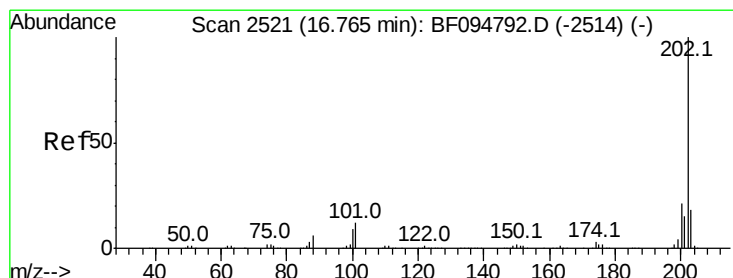
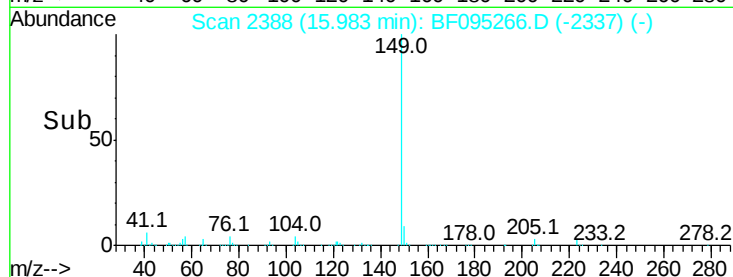
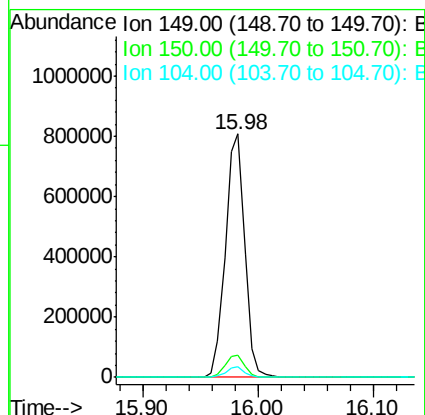
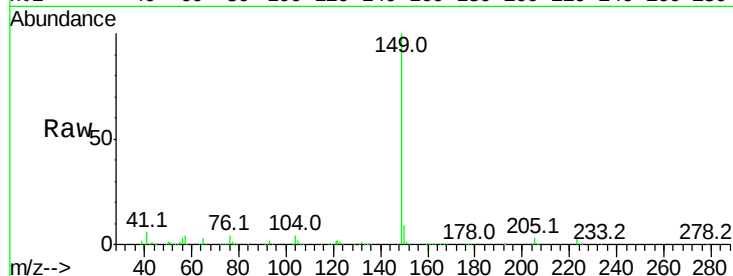




#73
Di-n-butylphthalate
Concen: 41.62 ng
RT: 15.98 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

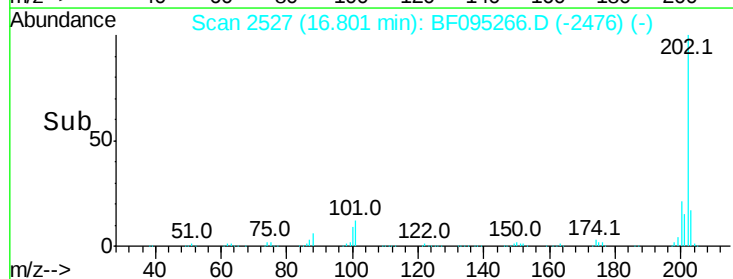
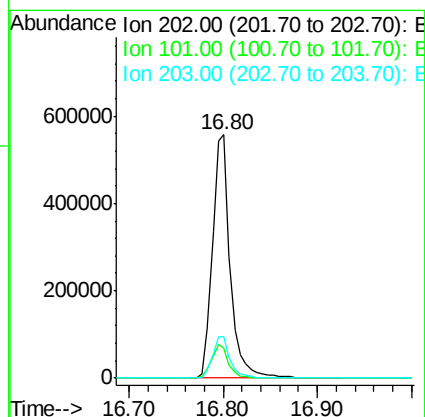
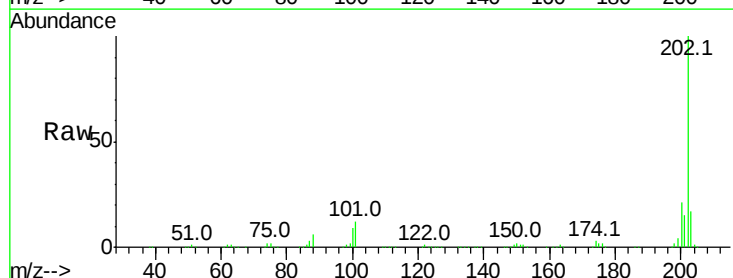
Instrument :
BNA_F
ClientSampleId :

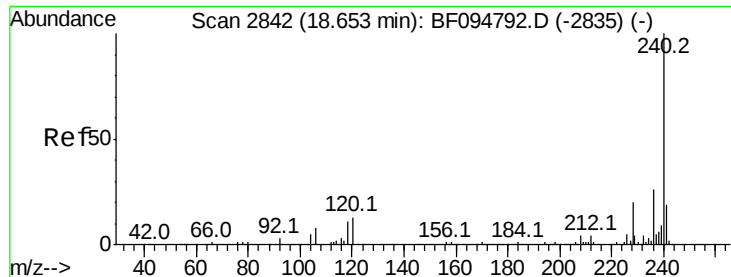
Tot Ion:149 Resp: 932839
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 37.55 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion:202 Resp: 745042
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.2
203 16.9 0.0 38.1

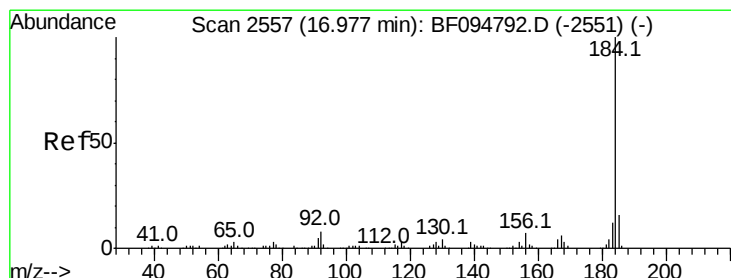
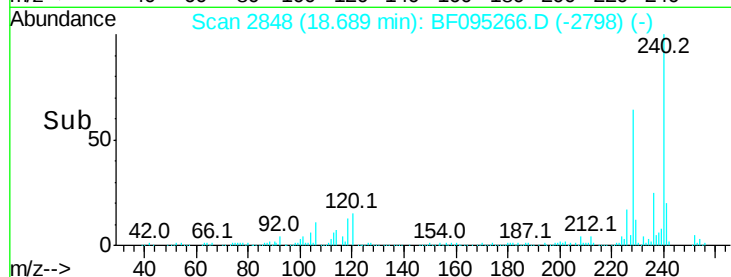
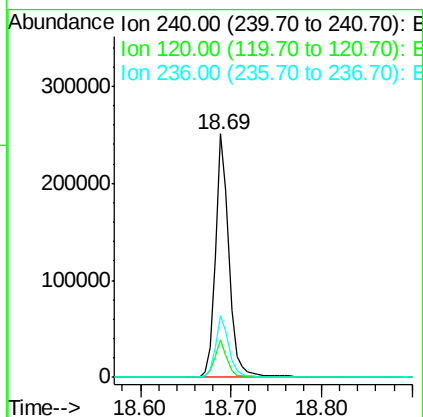
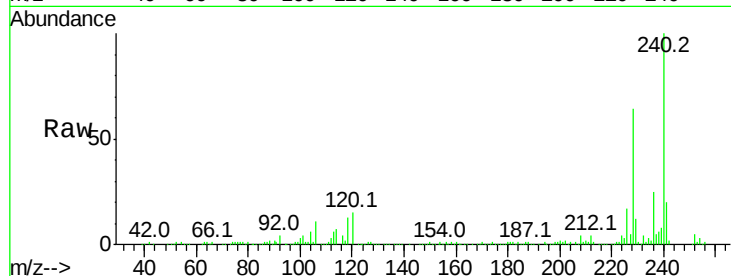




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

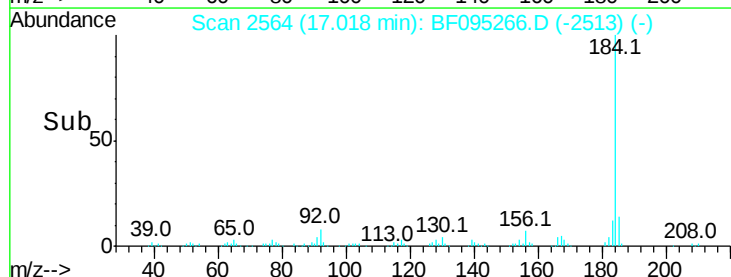
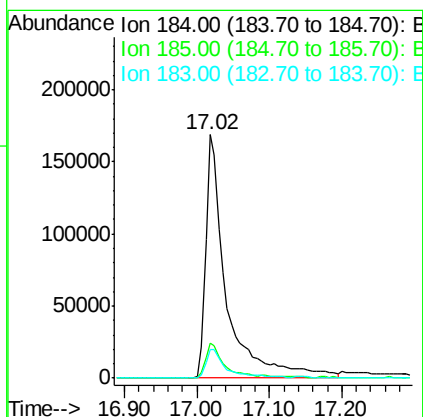
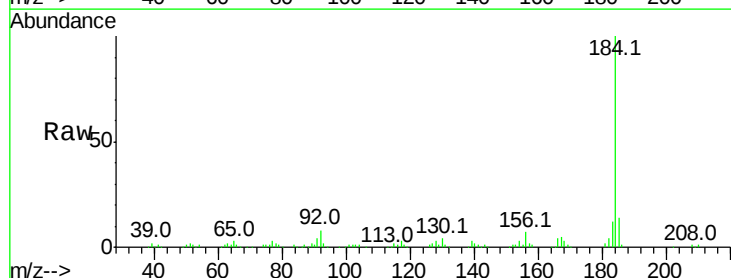
Instrument :
BNA_F
ClientSampleId :

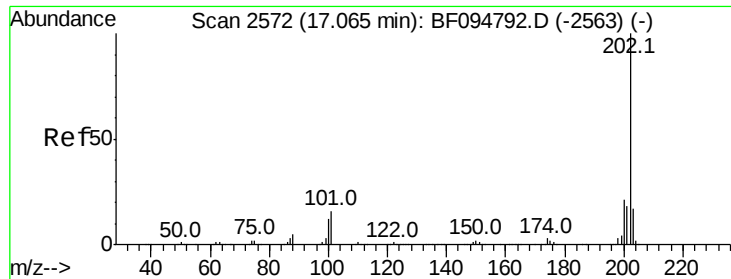
Tot Ion:240 Resp: 258375
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.5 20.5 30.7



#76
Benzidine
Concen: 48.06 ng
RT: 17.02 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion:184 Resp: 335881
Ion Ratio Lower Upper
184 100
185 14.4 15.5 23.3#
183 11.7 9.8 14.6

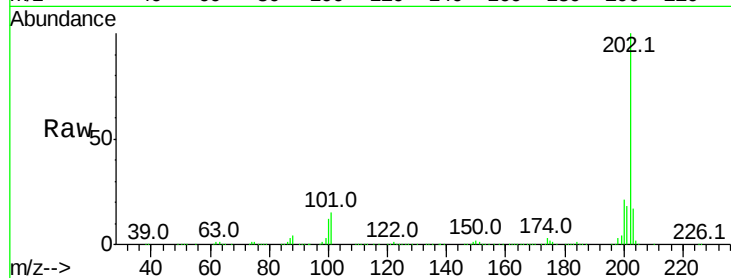




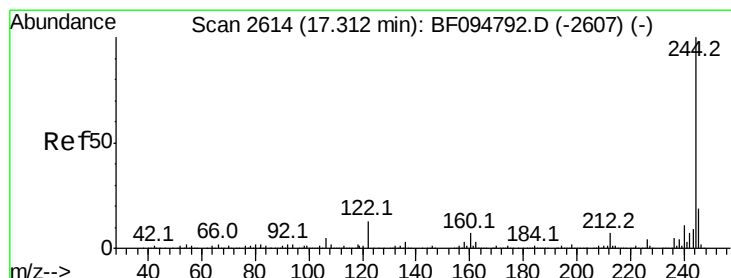
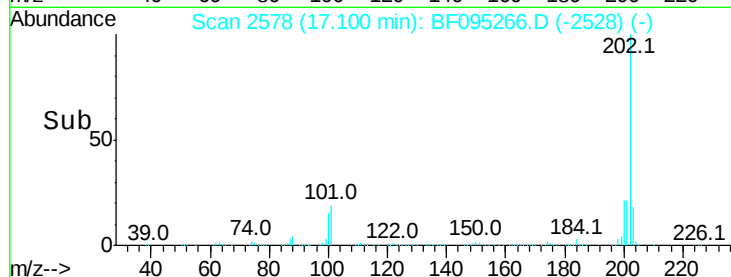
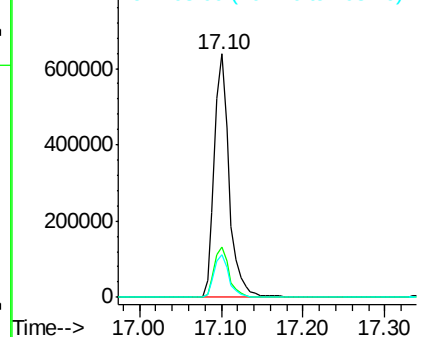
#77
Pvrene
Concen: 42.04 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 812409
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.5 14.4 21.6

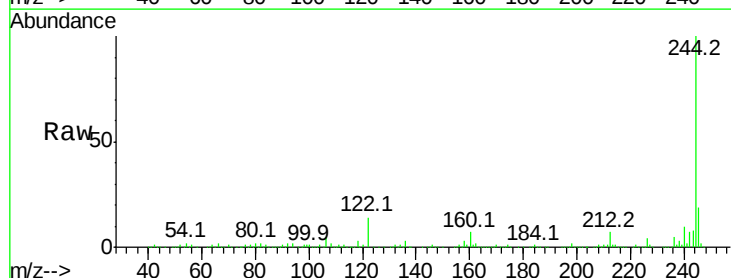


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

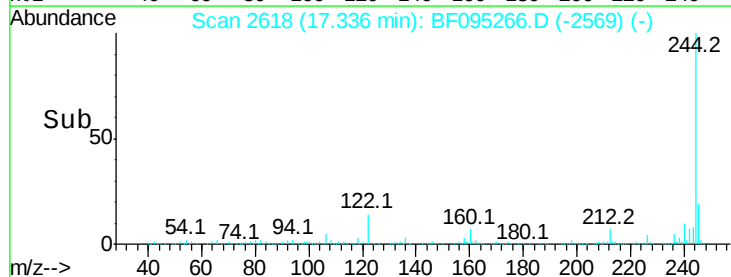
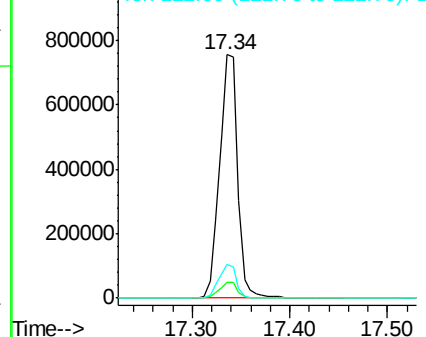


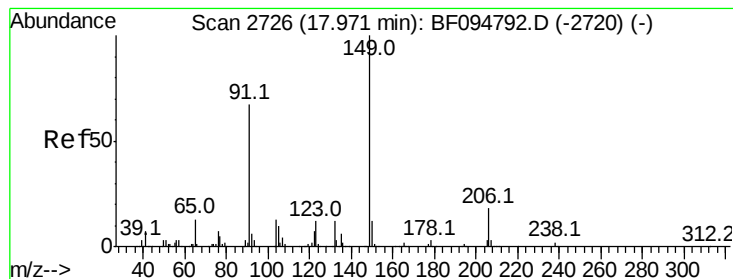
#78
Terphenyl-d14
Concen: 82.65 ng
RT: 17.34 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion:244 Resp: 969503
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 14.0 10.3 15.5



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





#79

Butylbenzylphthalate

Concen: 41.22 ng

RT: 17.99 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

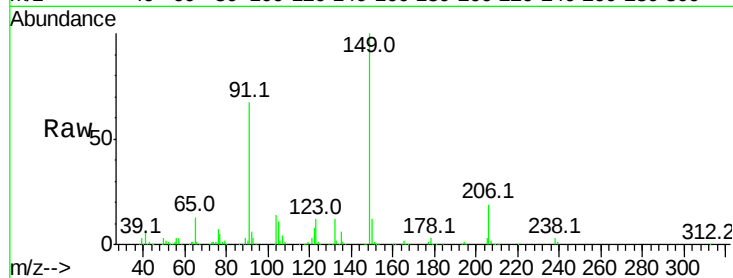
Tot Ion:149 Resp: 370514

Ion Ratio Lower Upper

149 100

91 67.5 45.0 67.4#

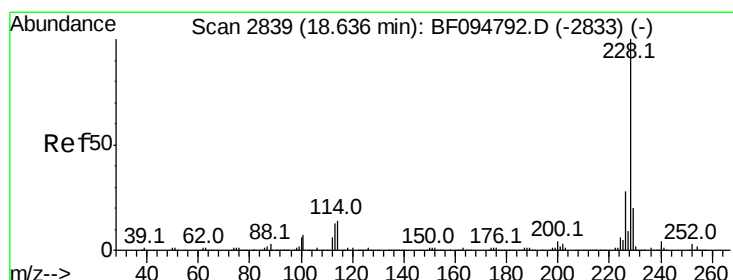
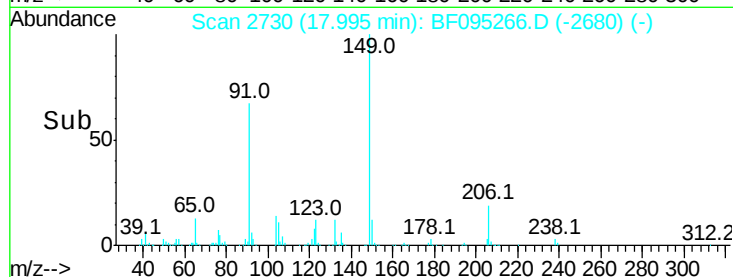
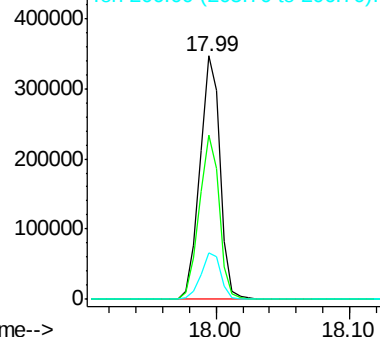
206 19.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.34 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

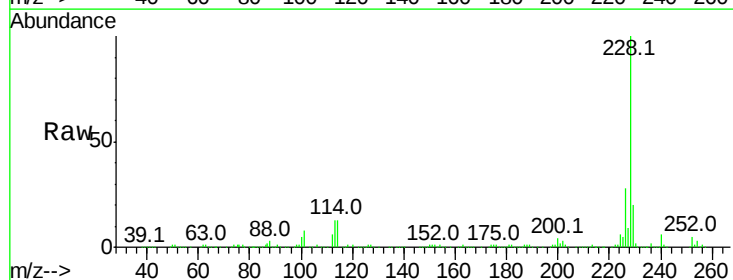
Tgt Ion:228 Resp: 591538

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

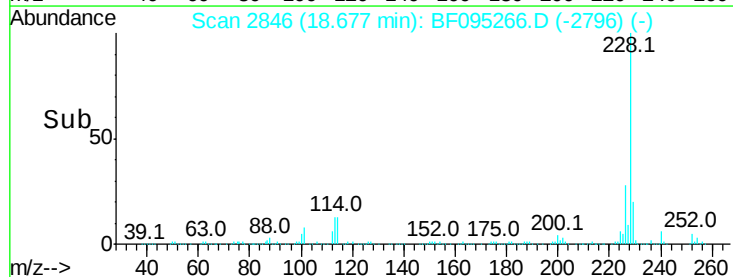
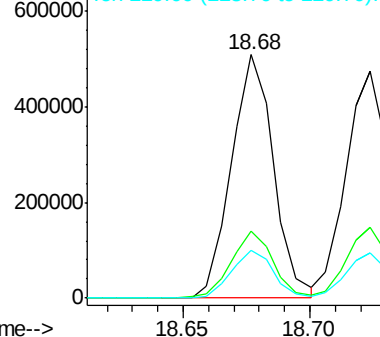
229 19.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

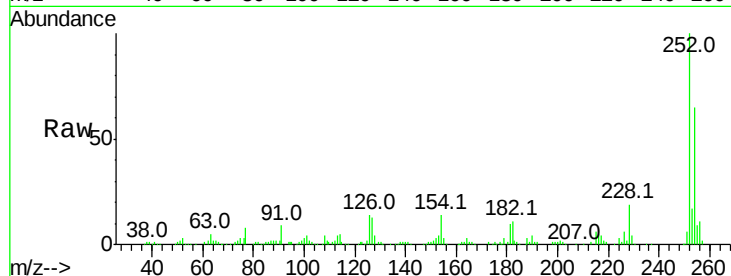




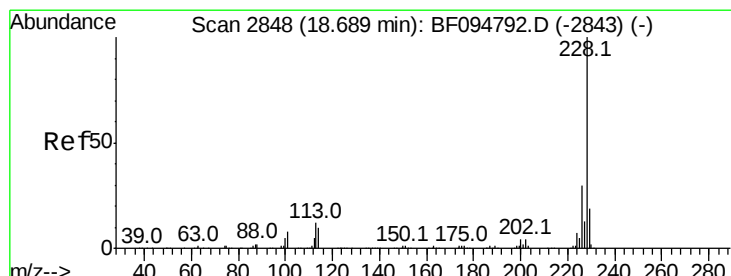
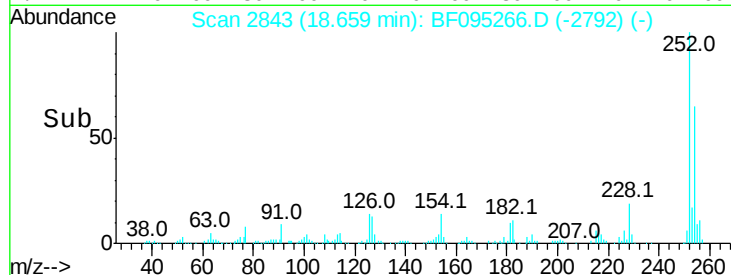
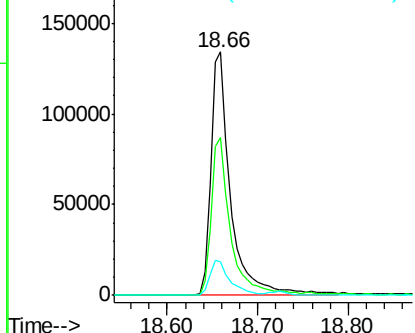
#81
 3,3'-Dichlorobenzidine
 Concen: 39.27 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 203970
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.5 77.3
 126 13.9 15.8 23.8#

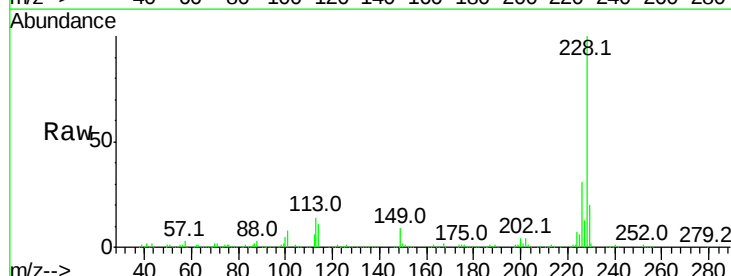


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

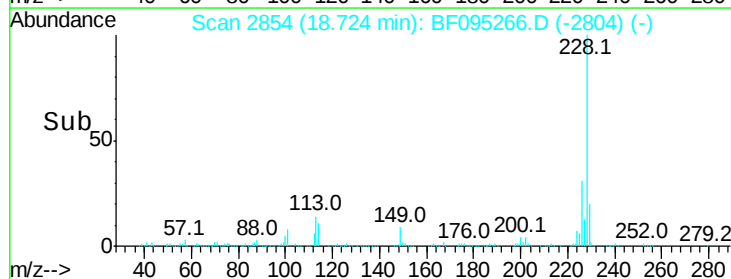
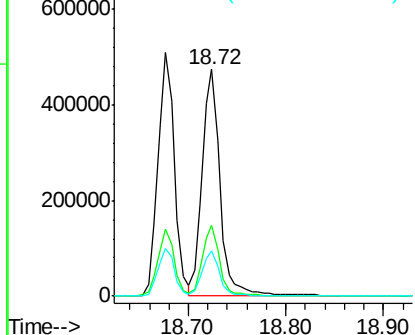


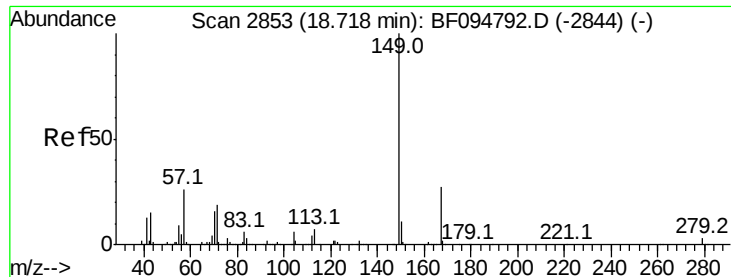
#82
 Chrysene
 Concen: 41.28 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion:228 Resp: 600197
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.0 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: 39.88 ng

RT: 18.74 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

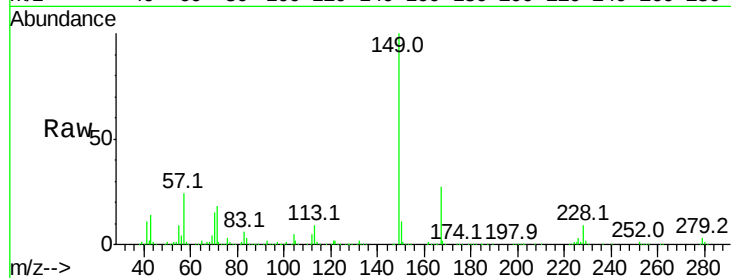
Tot Ion:149 Resp: 510720

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

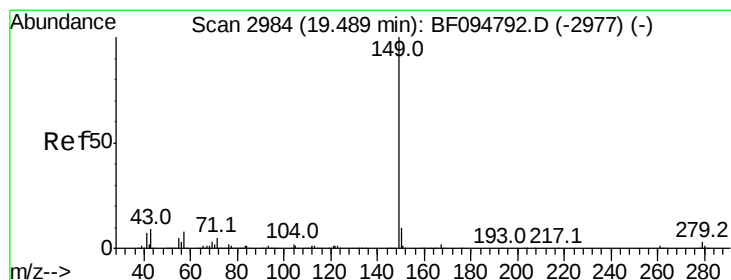
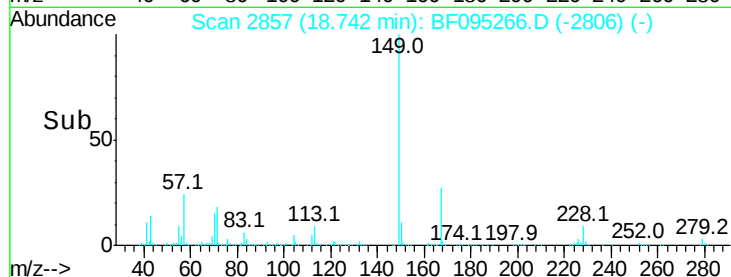
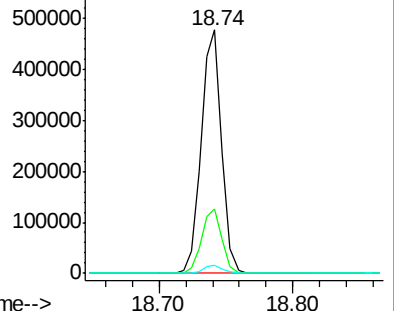
279 3.1 1.9 2.9#



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: 37.57 ng

RT: 19.51 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

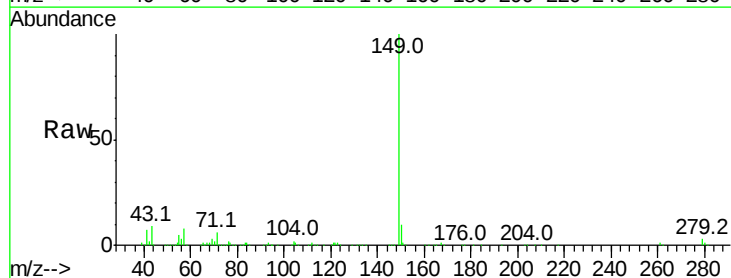
Tgt Ion:149 Resp: 788788

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

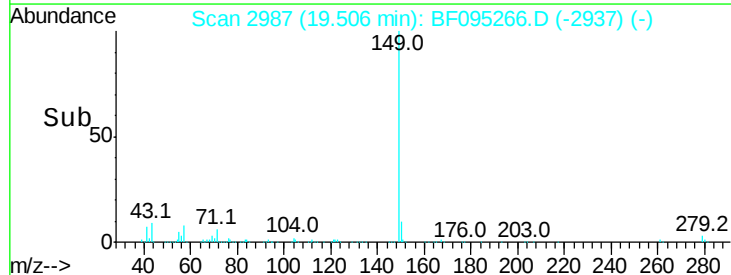
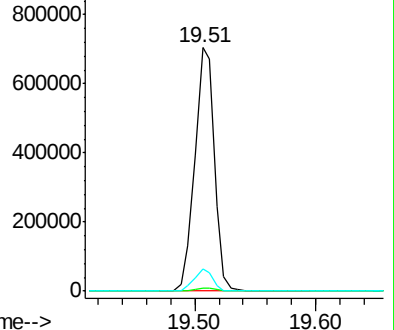
43 8.8 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

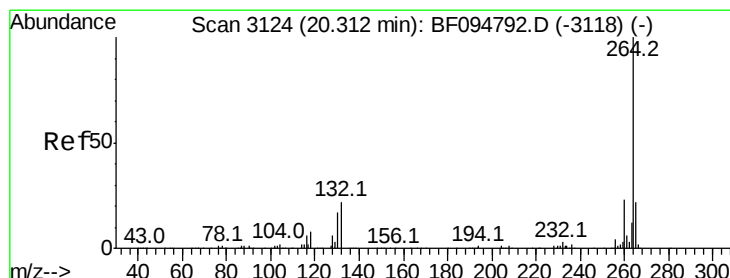
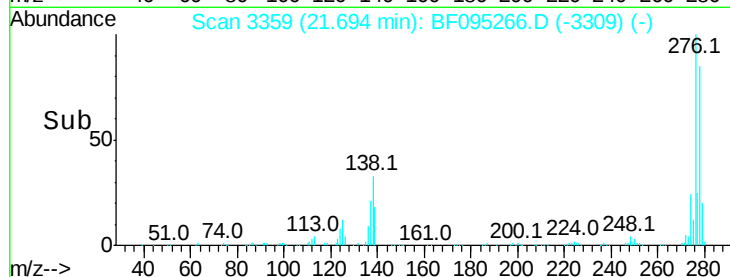
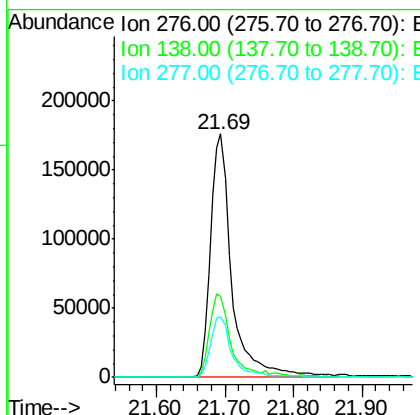
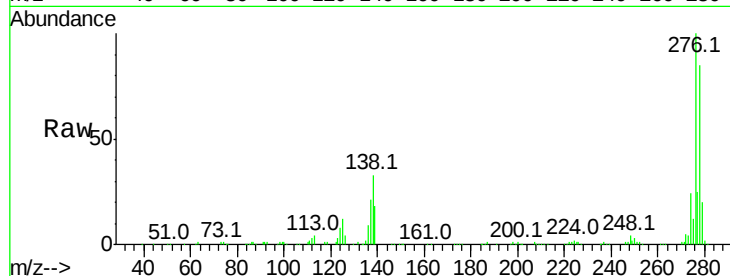




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.14 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

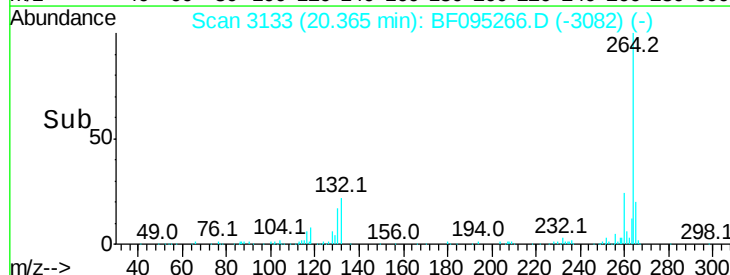
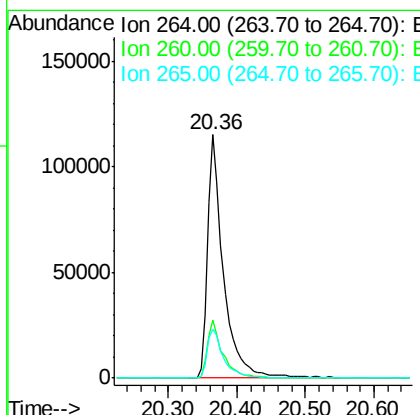
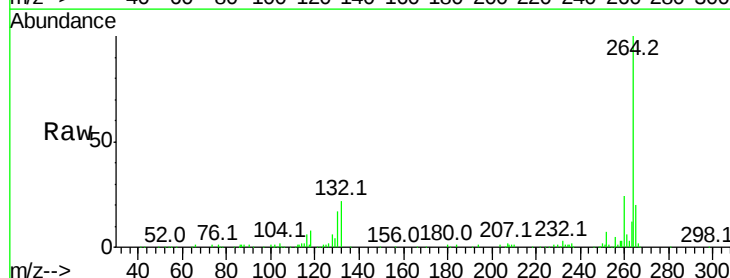
Instrument :
 BNA_F
 ClientSampleId :

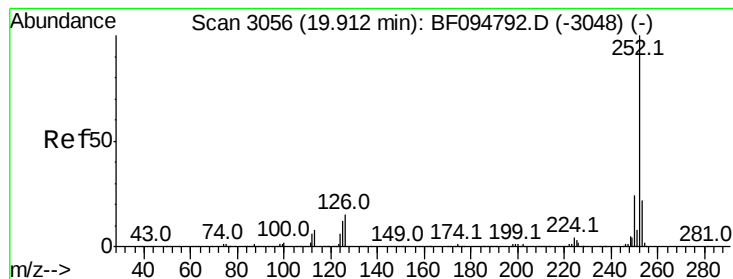
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095266.D
 Acq: 19 May 2017 16:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	19.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.15 ng

RT: 19.95 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampled :

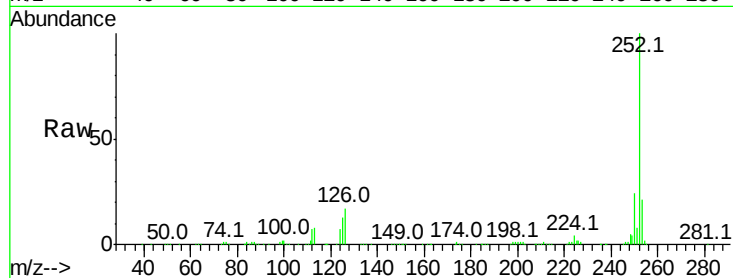
Tot Ion:252 Resp: 442336

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

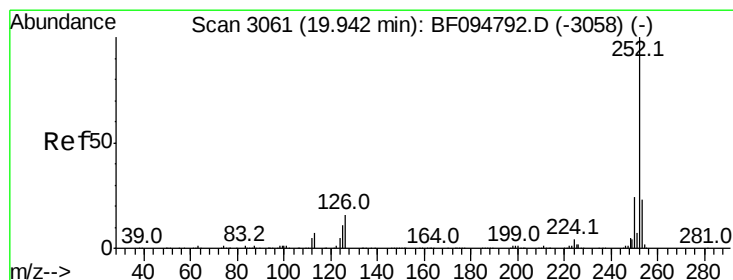
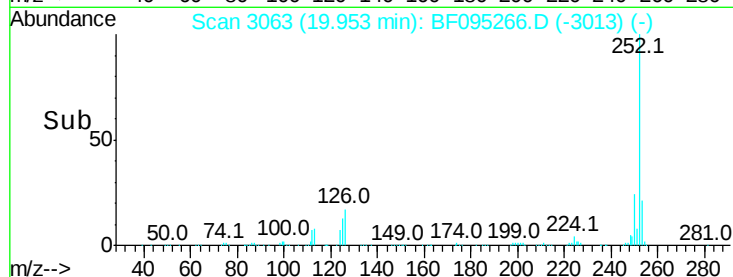
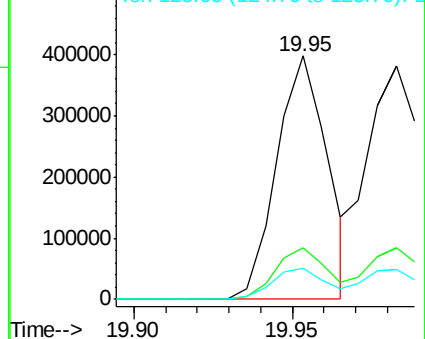
125 12.9 9.8 14.8



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: 48.36 ng

RT: 19.98 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

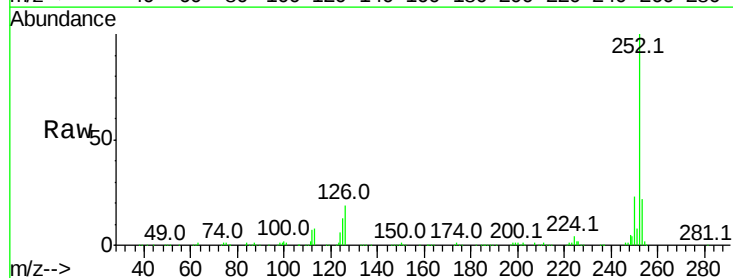
Tgt Ion:252 Resp: 540875

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

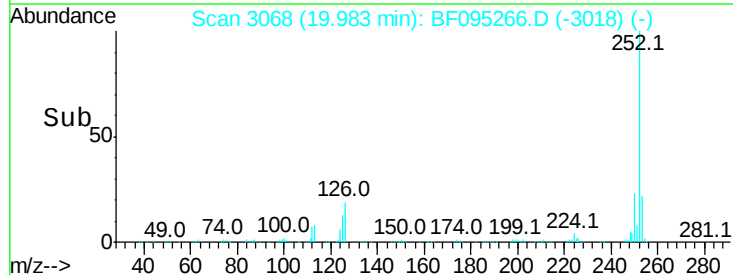
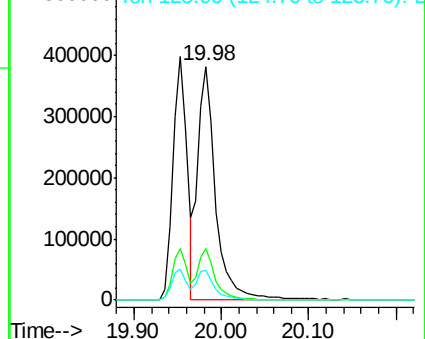
125 13.0 13.1 19.7#

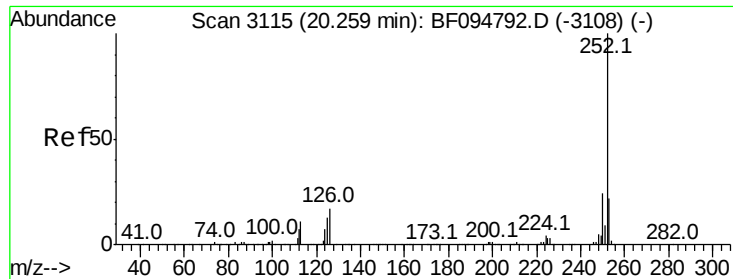


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

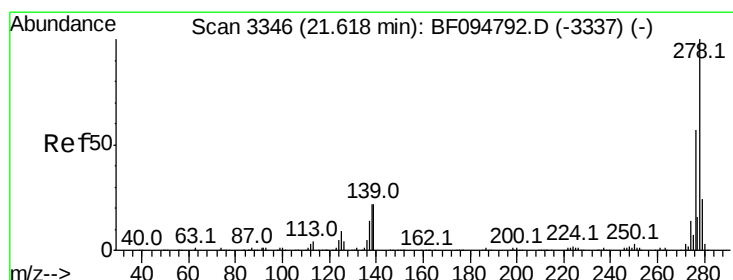
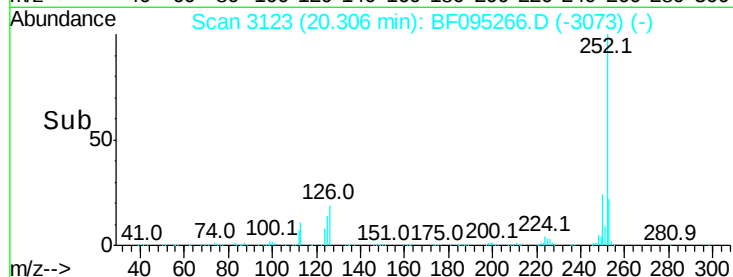
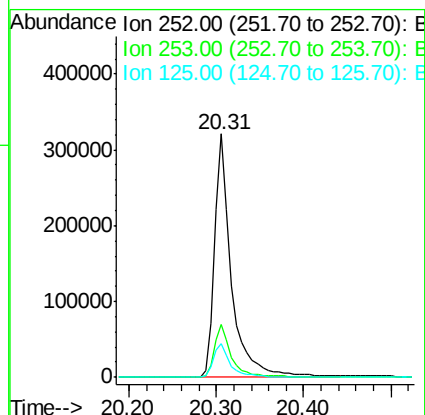
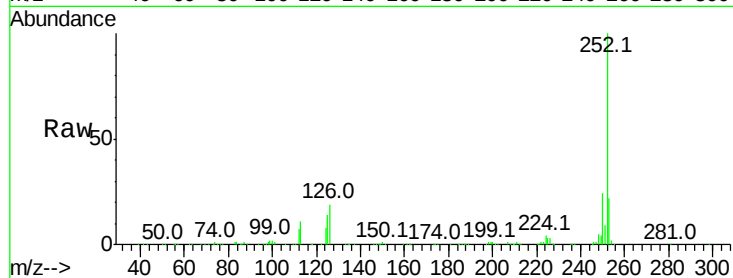




#89
Benzo(a)pyrene
Concen: 39.95 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

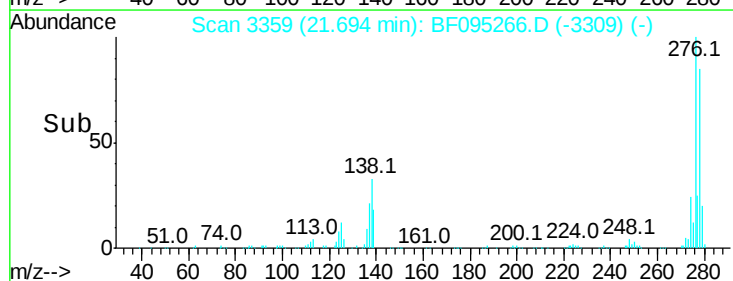
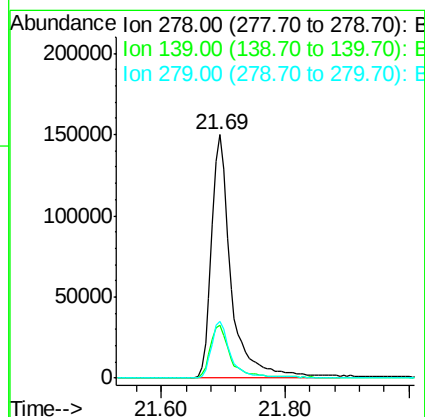
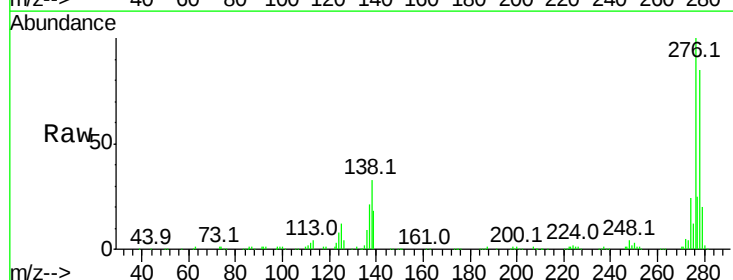
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 427405
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 13.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 37.43 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095266.D
Acq: 19 May 2017 16:45

Tgt Ion:278 Resp: 330715
Ion Ratio Lower Upper
278 100
139 21.6 16.6 24.8
279 23.3 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 37.77 ng

RT: 22.08 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BF095266.D

Acq: 19 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

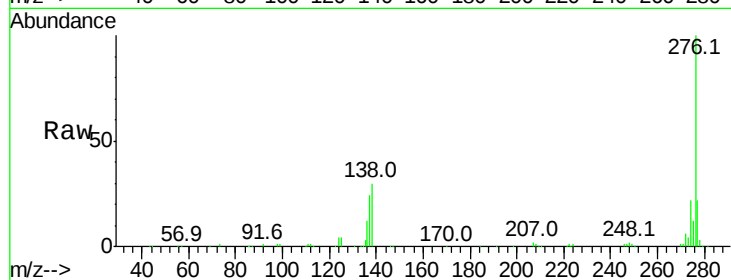
Tot Ion: 276 Resp: 327509

Ion Ratio Lower Upper

276 100

277 21.7 18.6 28.0

138 29.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

