

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094487.D
 Acq On : 18 Apr 2017 15:18
 Operator : SJ/MA
 Sample : I2695-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:11:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	124272	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	522360	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	240475	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	440877	20.00	ng	0.00
75) Chrysene-d12	14.47	240	315958	20.00	ng	0.00
86) Perylene-d12	16.09	264	241399	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	934938	124.82	ng	0.03
7) Phenol-d6	5.41	99	1151386	130.39	ng	0.01
23) Nitrobenzene-d5	6.42	82	737873	87.22	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	242772	129.07	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1257841	76.96	ng	0.00
78) Terphenyl-d14	13.20	244	1176467	99.53	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	127444	29.26	ng	97
3) Pyridine	2.66	79	222543	23.37	ng	98
4) n-Nitrosodimethylamine	2.60	42	164850	41.85	ng	87
6) Aniline	5.41	93	403404	34.37	ng	# 85
8) 2-Chlorophenol	5.55	128	379326	44.50	ng	95
9) Benzaldehyde	5.27	77	74661	11.11	ng	99
10) Phenol	5.42	94	476152	43.89	ng	97
11) bis(2-Chloroethyl)ether	5.49	93	350918	44.28	ng	97
12) 1,3-Dichlorobenzene	5.71	146	398849	42.24	ng	99
13) 1,4-Dichlorobenzene	5.80	146	403365	42.46	ng	96
14) 1,2-Dichlorobenzene	5.97	146	373570	42.69	ng	98
15) Benzyl Alcohol	5.95	79	297612	45.43	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	449520	43.26	ng	84
17) 2-Methylphenol	6.10	107	291195	43.38	ng	95
18) Hexachloroethane	6.35	117	140266	43.07	ng	# 83
19) n-Nitroso-di-n-propylamine	6.27	70	268304	45.86	ng	94
20) 3+4-Methylphenols	6.28	107	414718	45.46	ng	# 63
22) Acetophenone	6.25	105	529680	41.70	ng	# 86
24) Nitrobenzene	6.45	77	384072	43.11	ng	93
25) Isophorone	6.74	82	690669	44.04	ng	95
26) 2-Nitrophenol	6.82	139	203956	42.62	ng	97
27) 2,4-Dimethylphenol	6.90	122	329127	42.34	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	442910	43.66	ng	99
29) 2,4-Dichlorophenol	7.12	162	321136	44.40	ng	97
30) 1,2,4-Trichlorobenzene	7.21	180	317336	42.44	ng	100
31) Naphthalene	7.30	128	1063177	42.34	ng	100
32) Benzoic acid	7.02	122	41685	10.14	ng	96
33) 4-Chloroaniline	7.37	127	295134	28.25	ng	95
34) Hexachlorobutadiene	7.45	225	158060	42.40	ng	99
35) Caprolactam	7.82	113	43992	19.36	ng	90
36) 4-Chloro-3-methylphenol	8.00	107	329026	43.41	ng	92
37) 2-Methylnaphthalene	8.14	142	740894	43.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	282232	41.22	ng	99
40) Hexachlorocyclopentadiene	8.33	237	254677	91.94	ng	99

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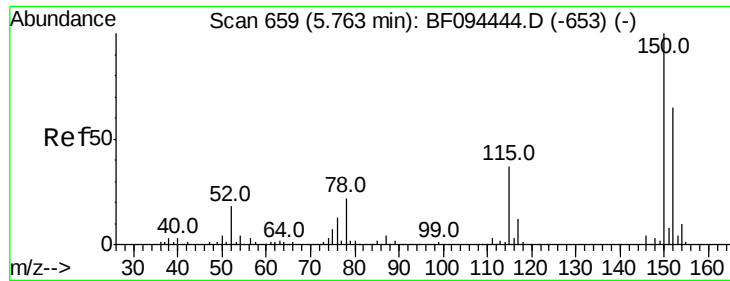
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:11:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	8.50	196	201631	41.93	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	220156	44.58	nq	# 92
45) 1,1'-Biphenyl	8.71	154	776924	39.54	nq	97
46) 2-Chloronaphthalene	8.72	162	654993	41.93	nq	94
47) 2-Nitroaniline	8.86	65	202075	44.96	nq	87
48) Acenaphthylene	9.23	152	1015435	41.70	nq	99
49) Dimethylphthalate	9.11	163	1289000	71.93	nq	99
50) 2,6-Dinitrotoluene	9.17	165	182628	45.40	nq	95
51) Acenaphthene	9.44	154	625086	42.85	nq	100
52) 3-Nitroaniline	9.37	138	159479	34.27	nq	90
53) 2,4-Dinitrophenol	9.51	184	107815	51.60	nq	# 73
54) Dibenzofuran	9.66	168	906015	42.73	nq	99
55) 4-Nitrophenol	9.64	139	288566	87.77	nq	86
56) 2,4-Dinitrotoluene	9.67	165	230288	46.66	nq	# 87
57) Fluorene	10.08	166	711975	43.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	161901	45.74	nq	98
59) Diethylphthalate	9.97	149	778688	46.05	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	305119	44.41	nq	94
61) 4-Nitroaniline	10.13	138	198220	41.90	nq	96
62) Azobenzene	10.28	77	752666	45.84	nq	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	109924	38.05	nq	# 75
65) n-Nitrosodiphenylamine	10.24	169	661049	43.11	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	193516	44.20	nq	97
67) Hexachlorobenzene	10.75	284	193774	43.92	nq	# 88
68) Atrazine	10.91	200	205882	44.88	nq	98
69) Pentachlorophenol	11.01	266	160656	91.71	nq	99
70) Phenanthrene	11.25	178	1052778	42.40	nq	98
71) Anthracene	11.32	178	1107490	43.12	nq	98
72) Carbazole	11.52	167	1028595	42.67	nq	99
73) Di-n-butylphthalate	11.98	149	1248701	47.05	nq	99
74) Fluoranthene	12.71	202	1099402	42.73	nq	98
76) Benzidine	12.88	184	126096	9.86	nq	# 94
77) Pyrene	12.99	202	1095581	49.63	nq	99
79) Butylbenzylphthalate	13.81	149	497578	51.43	nq	# 85
80) Benzo(a)anthracene	14.45	228	805637	43.87	nq	100
81) 3,3'-Dichlorobenzidine	14.44	252	208394	32.06	nq	# 92
82) Chrysene	14.50	228	741331	44.17	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	677081	52.13	nq	# 99
84) Di-n-octyl phthalate	15.28	149	968655	44.46	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	745352	46.67	nq	100
87) Benzo(b)fluoranthene	15.69	252	671815	45.49	nq	98
88) Benzo(k)fluoranthene	15.72	252	584571	41.83	nq	97
89) Benzo(a)pyrene	16.04	252	592422	43.12	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	611175	53.58	nq	99
91) Benzo(g,h,i)perylene	17.75	276	639011	55.02	nq	97

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

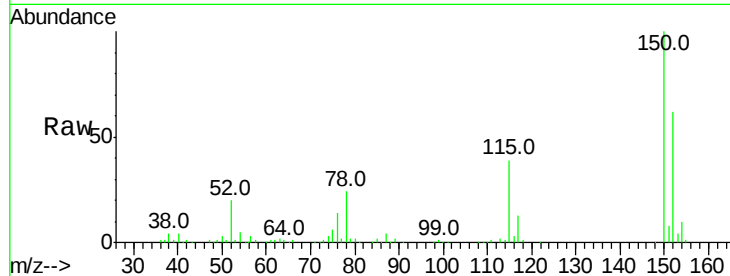


#1

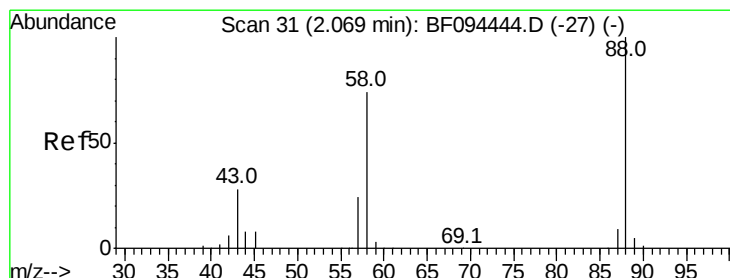
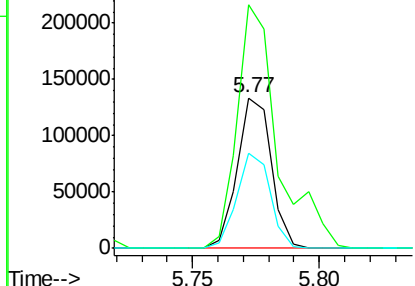
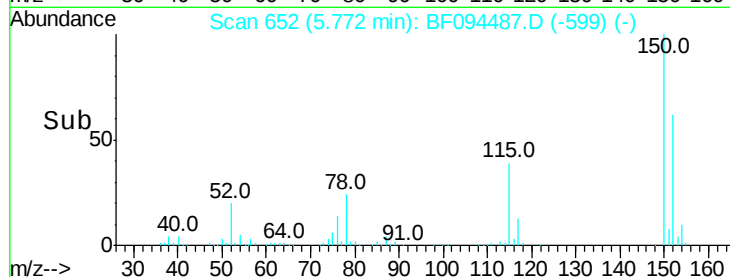
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 124272
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 63.1 52.2 78.2



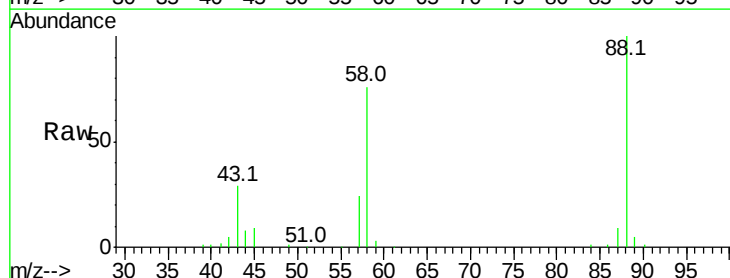
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



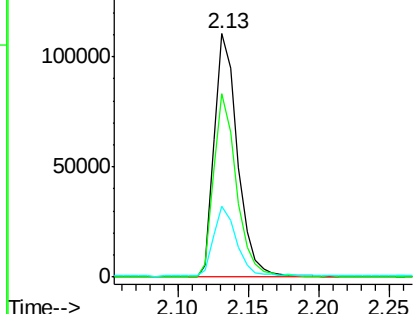
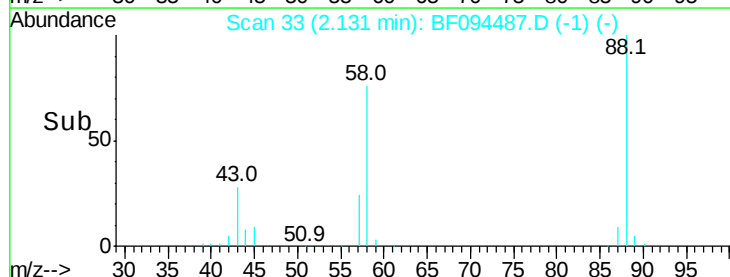
#2

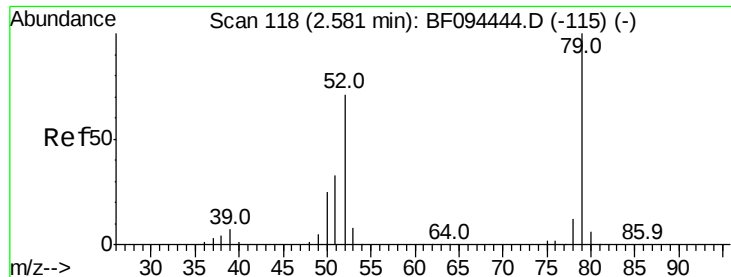
1,4-Dioxane
Concen: 29.26 ng
RT: 2.13 min Scan# 33
Delta R.T. 0.06 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Tgt Ion: 88 Resp: 127444
Ion Ratio Lower Upper
88 100
58 73.4 61.4 92.0
43 28.5 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: 23.37 ng

RT: 2.66 min Scan# 123

Delta R.T. 0.08 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampled :

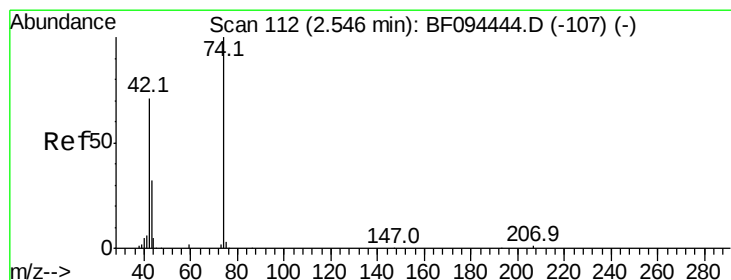
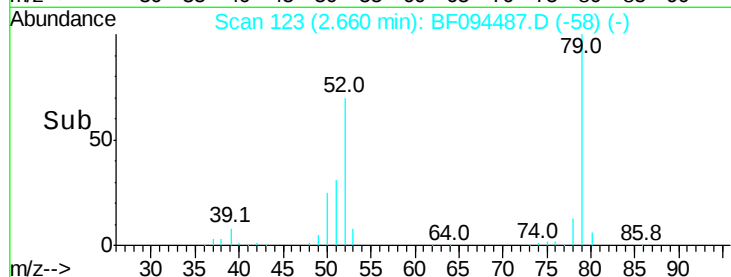
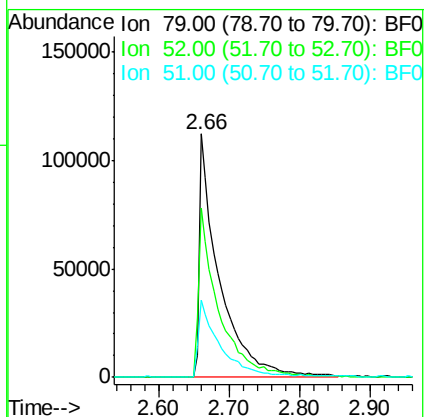
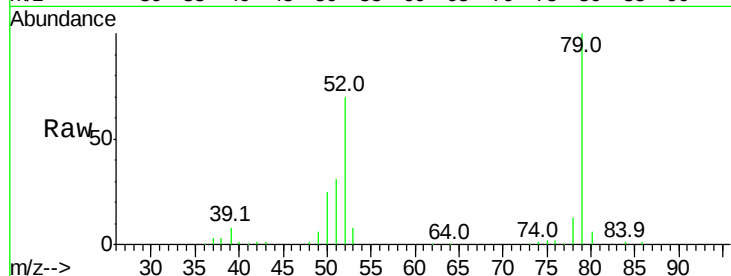
Tot Ion: 79 Resp: 222543

Ion Ratio Lower Upper

79 100

52 69.7 54.8 82.2

51 31.5 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 41.85 ng

RT: 2.60 min Scan# 113

Delta R.T. 0.06 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

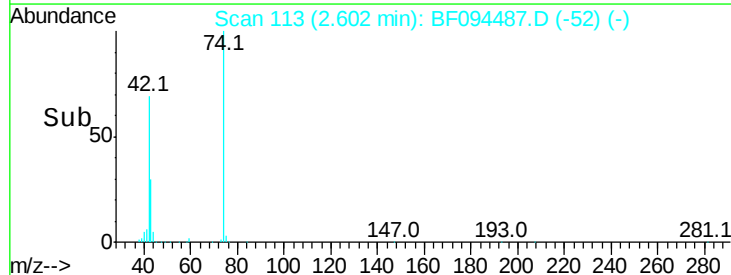
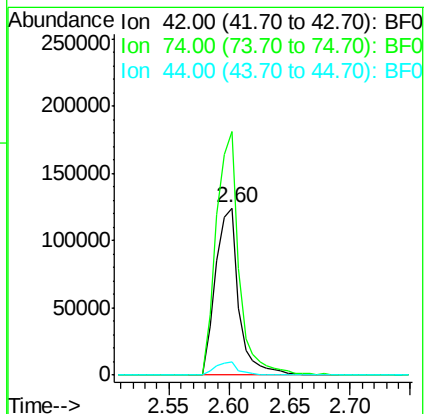
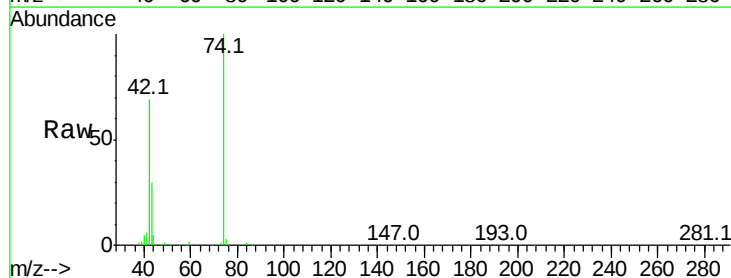
Tgt Ion: 42 Resp: 164850

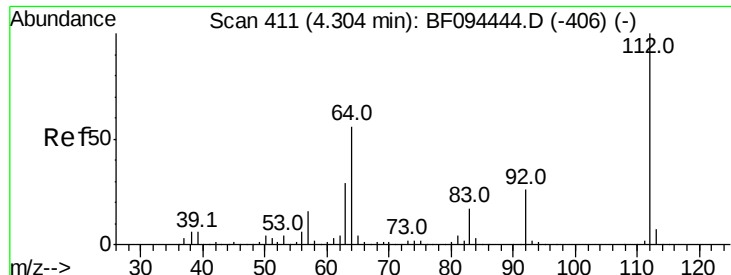
Ion Ratio Lower Upper

42 100

74 145.9 103.9 155.9

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 124.82 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampled :

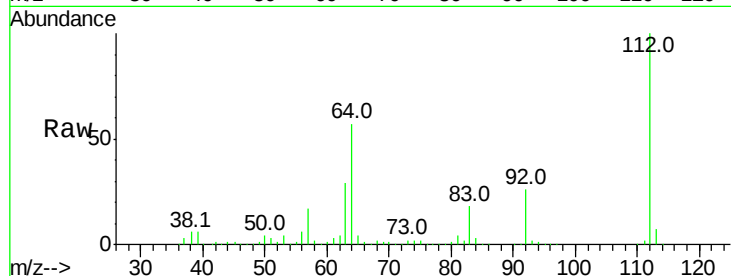
Tot Ion:112 Resp: 934938

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

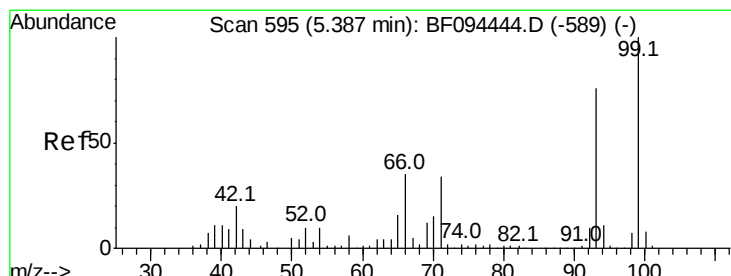
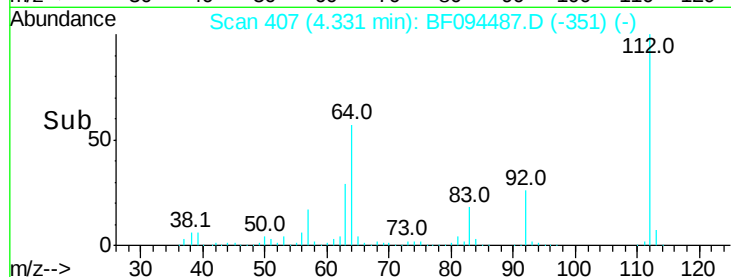
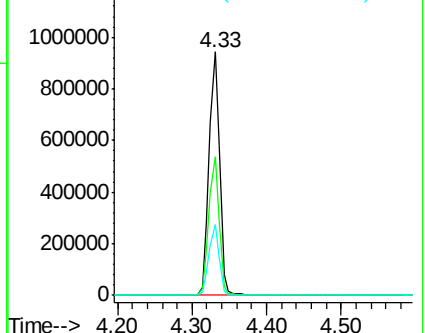
63 29.0 23.4 35.0



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: 34.37 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

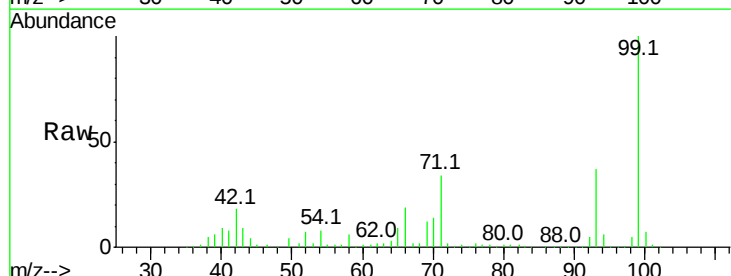
Tgt Ion: 93 Resp: 403404

Ion Ratio Lower Upper

93 100

66 52.3 32.9 49.3#

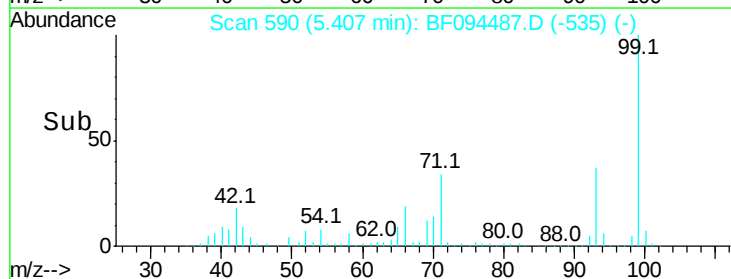
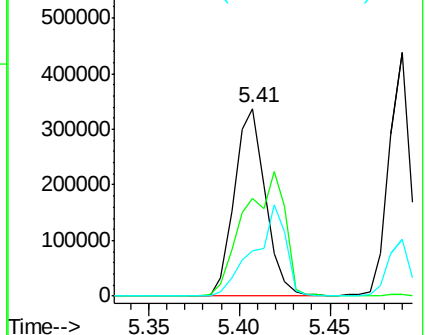
65 23.9 16.0 24.0

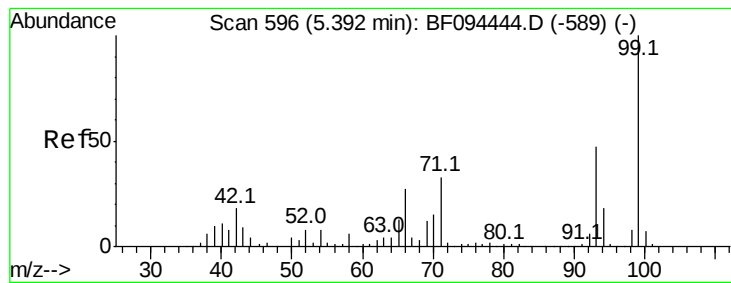


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.39 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampled :

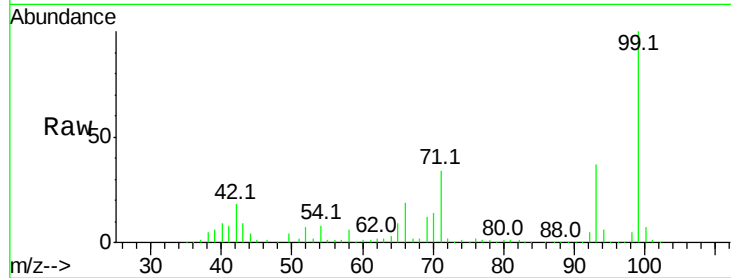
Tot Ion: 99 Resp: 1151386

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	34.0	24.5	36.7

99 100

42 18.1 13.5 20.3

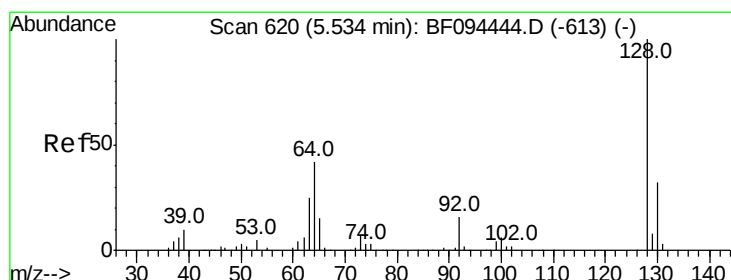
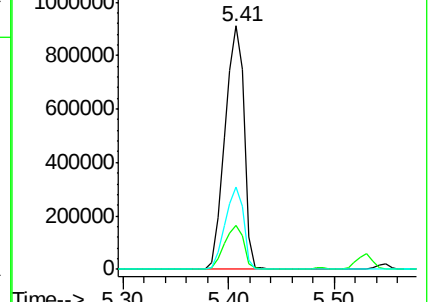
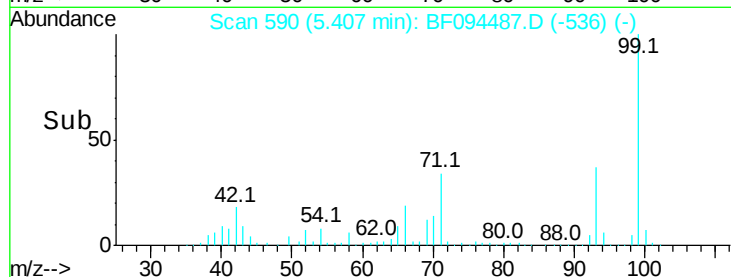
71 34.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.50 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

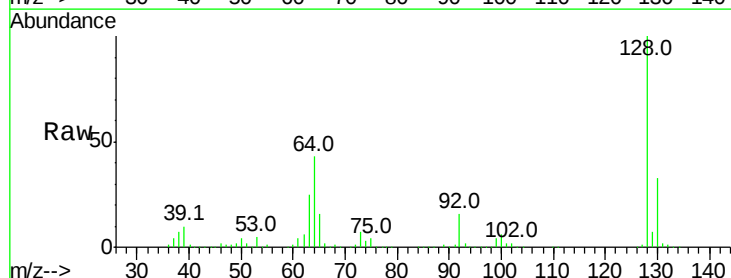
Tgt Ion:128 Resp: 379326

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	43.2	28.4	68.4

128 100

130 33.0 12.9 52.9

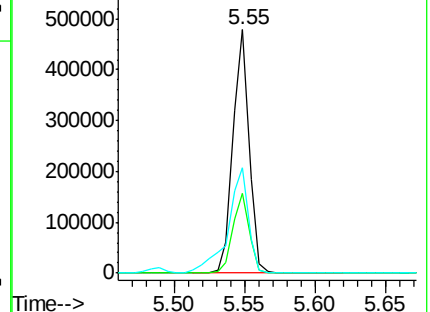
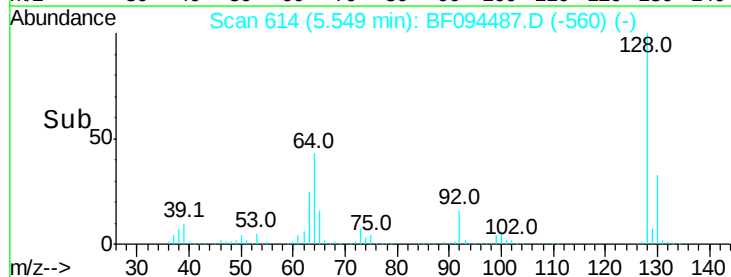
64 43.2 28.4 68.4

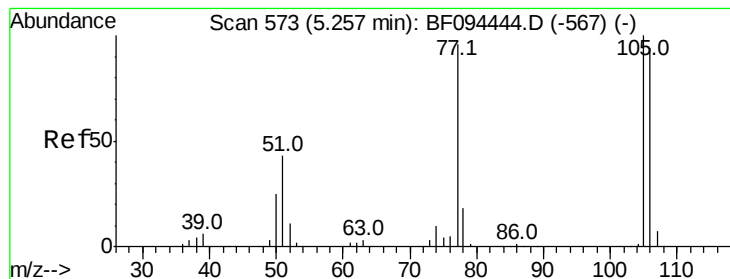


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.11 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampled :

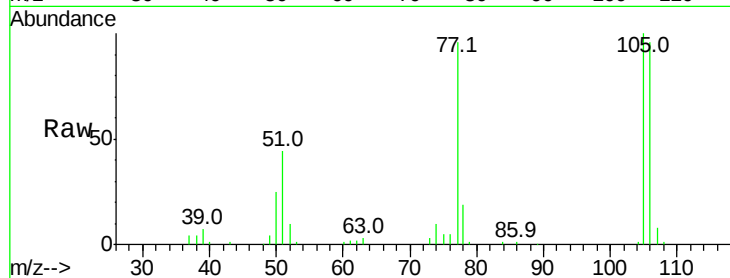
Tot Ion: 77 Resp: 74661

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

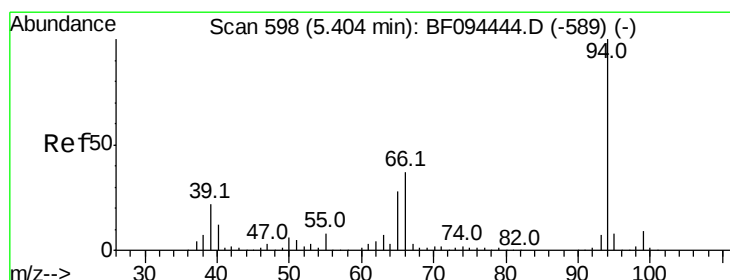
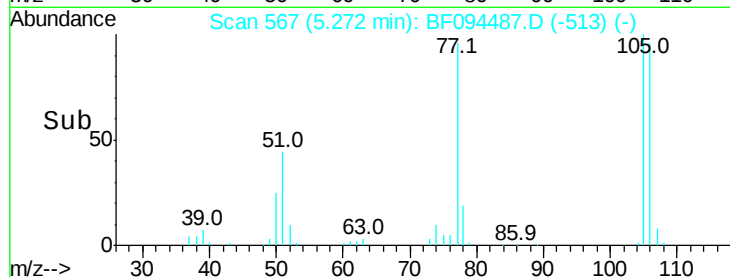
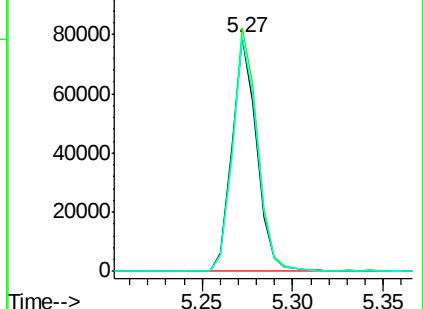
106 100.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.89 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

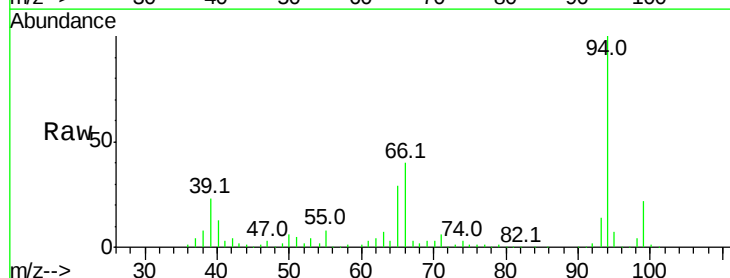
Tgt Ion: 94 Resp: 476152

Ion Ratio Lower Upper

94 100

65 29.3 9.9 49.9

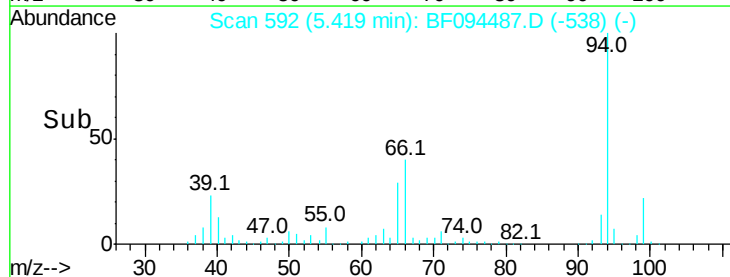
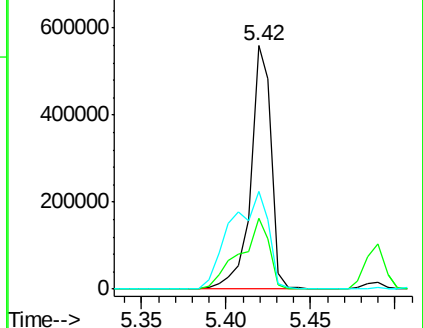
66 40.3 23.1 63.1

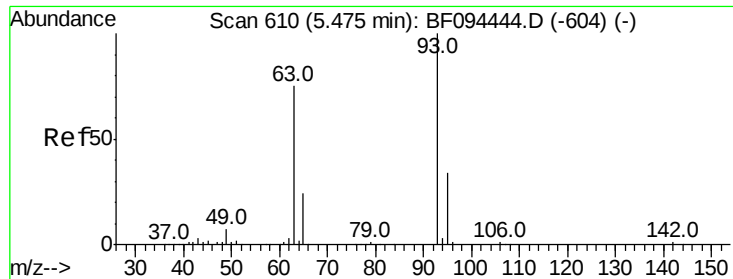


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.28 ng

RT: 5.49 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampled :

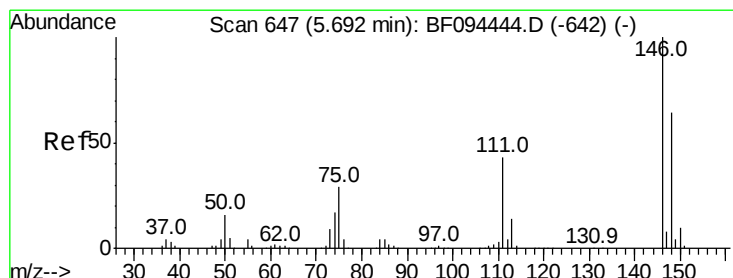
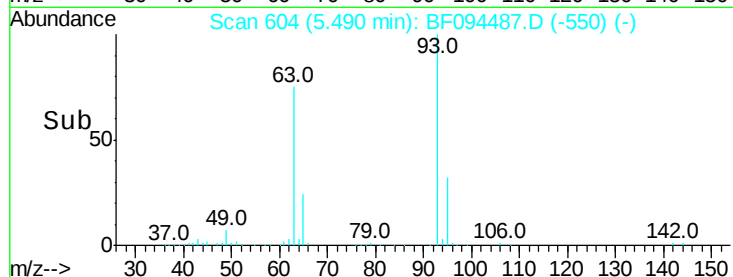
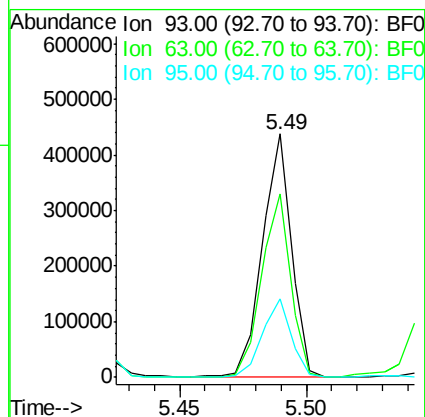
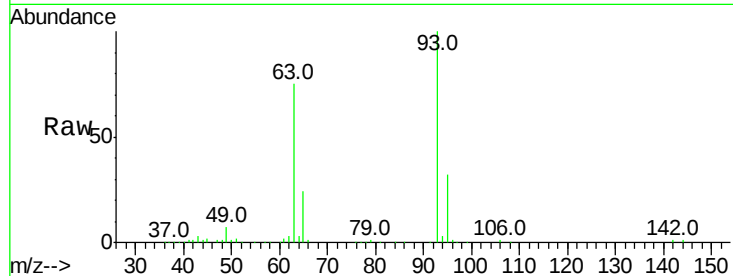
Tot Ion: 93 Resp: 350918

Ion Ratio Lower Upper

93 100

63 75.4 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.24 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

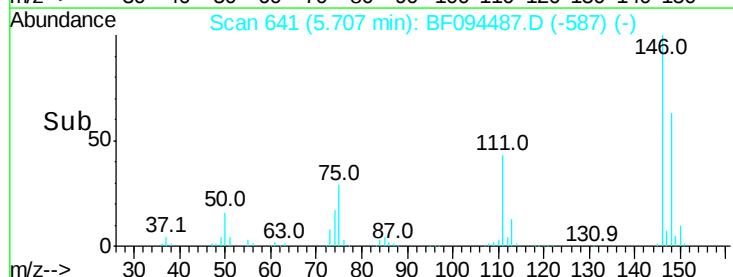
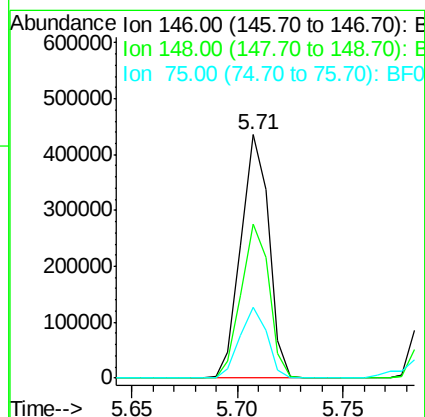
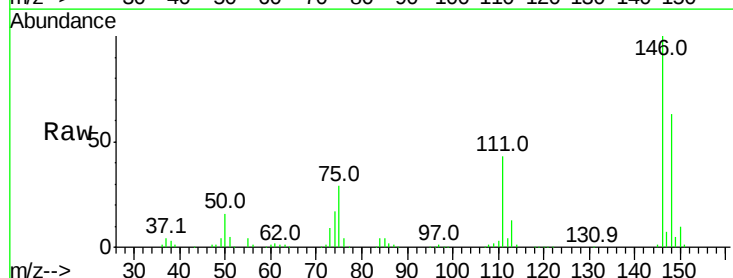
Tgt Ion: 146 Resp: 398849

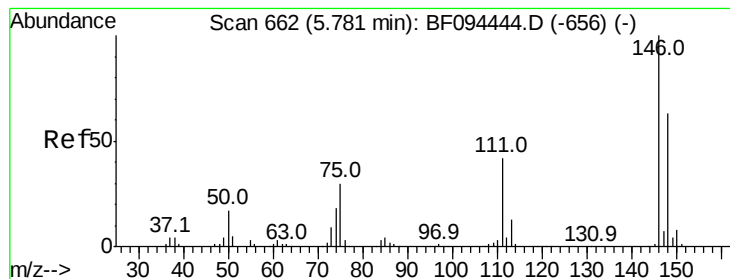
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

75 29.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.46 ng

RT: 5.80 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

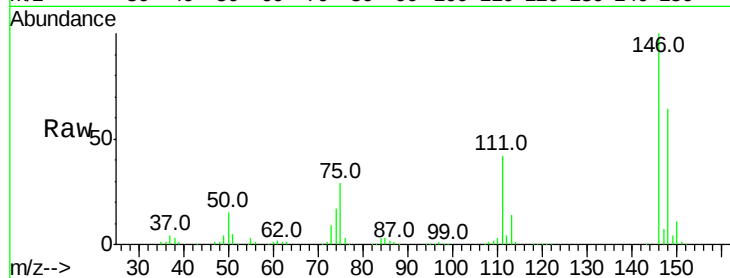
Tot Ion:146 Resp: 403365

Ion Ratio Lower Upper

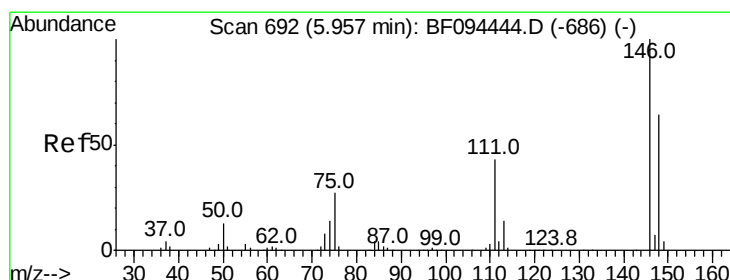
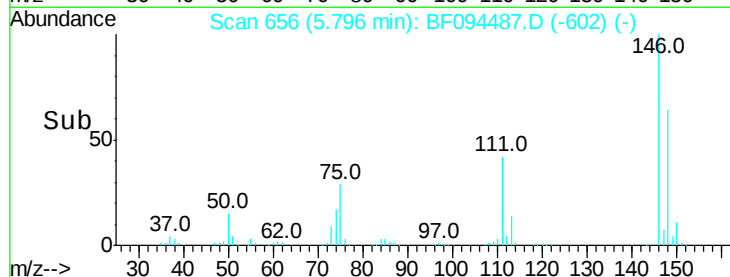
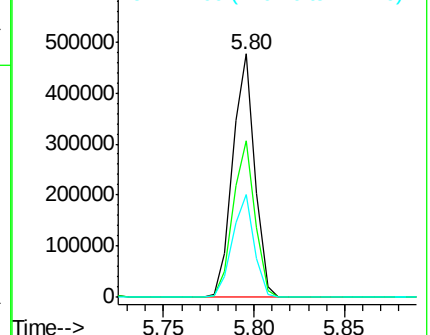
146 100

148 64.2 52.2 78.2

111 42.4 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 42.69 ng

RT: 5.97 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

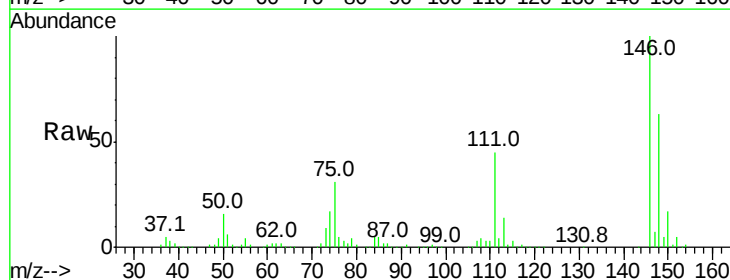
Tgt Ion:146 Resp: 373570

Ion Ratio Lower Upper

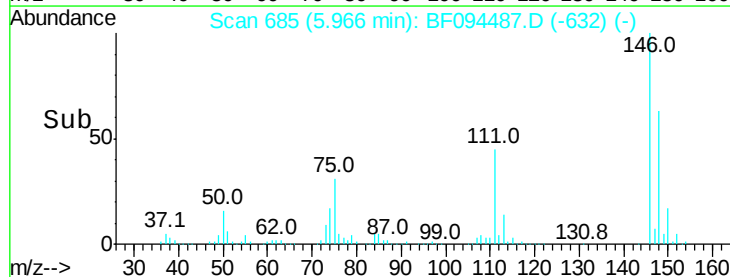
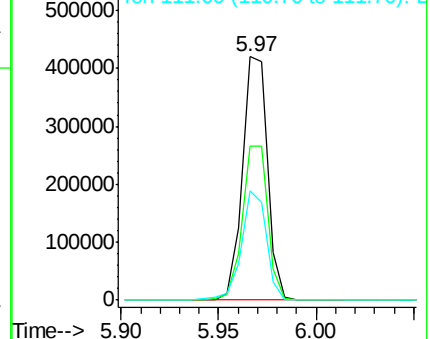
146 100

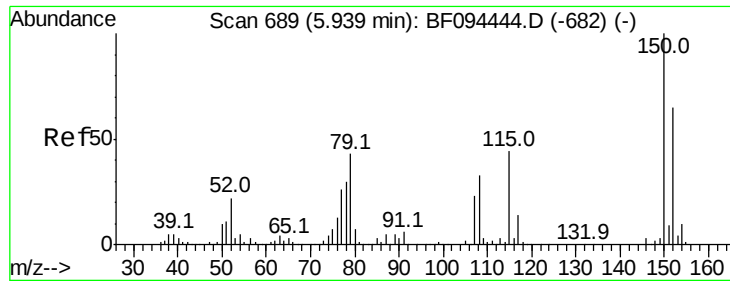
148 63.2 50.4 75.6

111 45.1 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

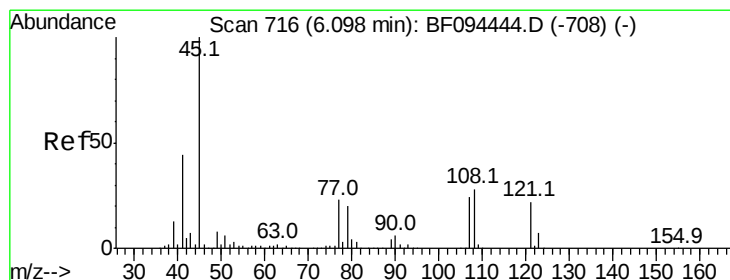
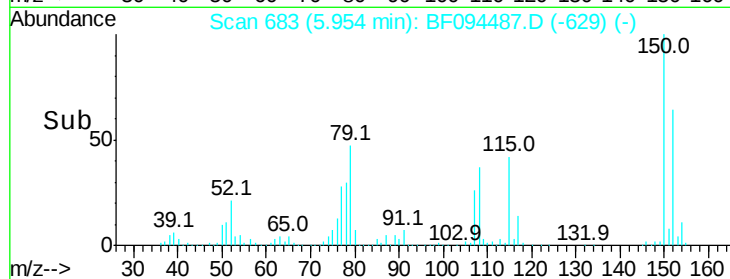
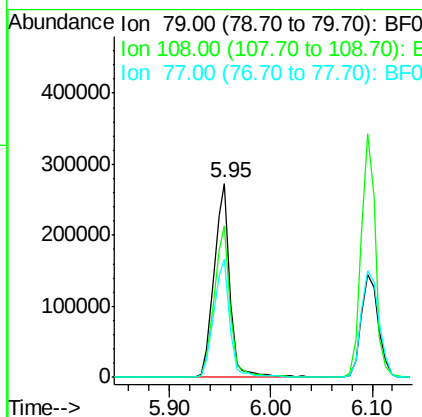
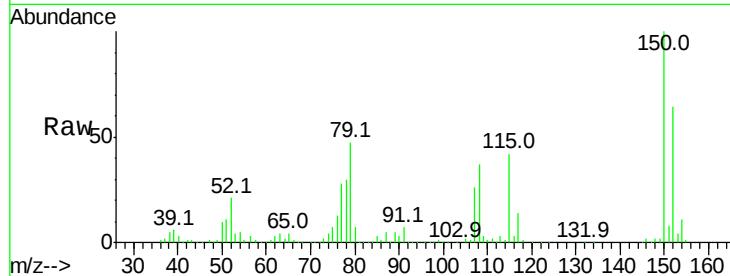




#15
Benzyl Alcohol
Concen: 45.43 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

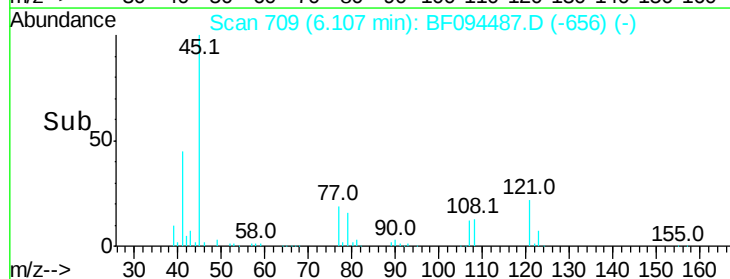
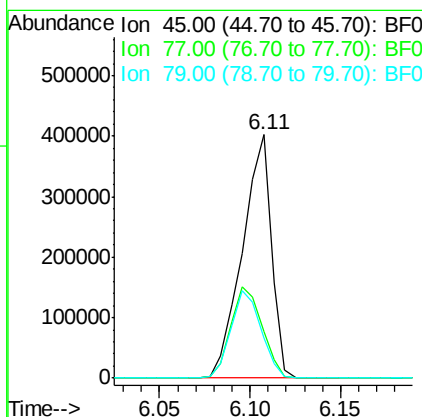
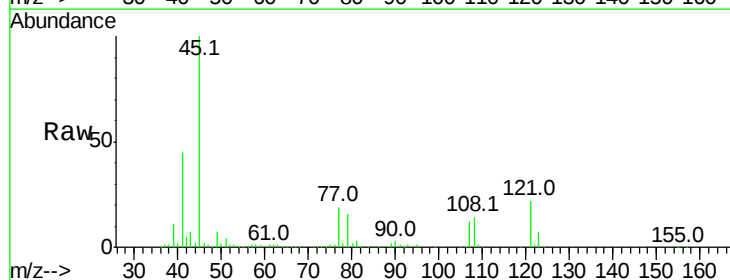
Instrument :
BNA_F
ClientSampled :

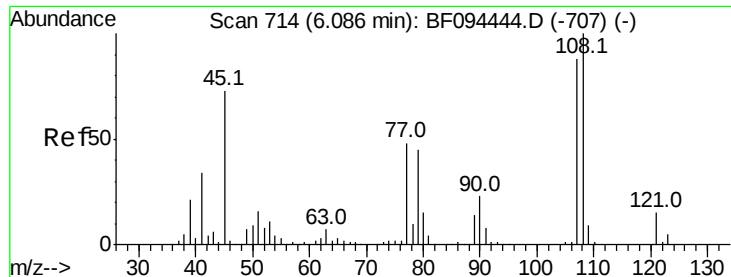
Tot Ion: 79 Resp: 297612
Ion Ratio Lower Upper
79 100
108 78.3 63.4 95.0
77 61.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.26 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Tgt Ion: 45 Resp: 449520
Ion Ratio Lower Upper
45 100
77 19.2 0.0 33.2
79 16.3 0.0 30.0





#17

2-Methylphenol

Concen: 43.38 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 291195

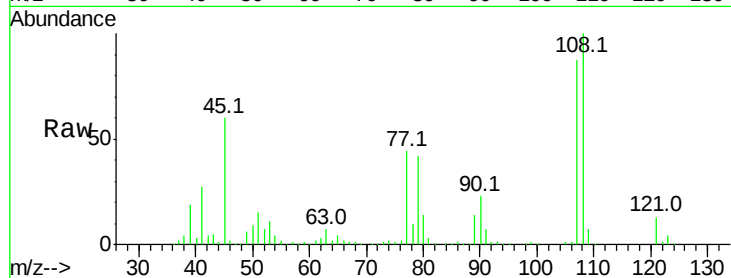
Ion Ratio Lower Upper

107 100

108 114.9 93.4 140.0

77 50.6 35.8 53.6

79 48.8 34.8 52.2

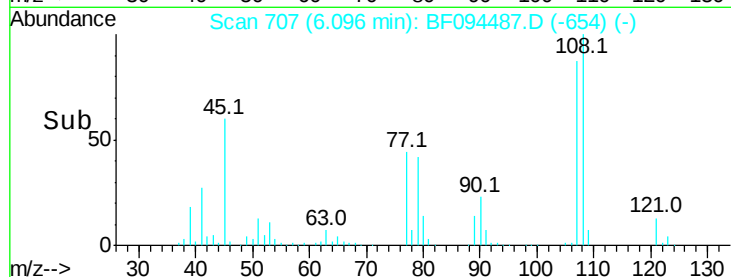


Abundance Ion 107.00 (106.70 to 107.70): E

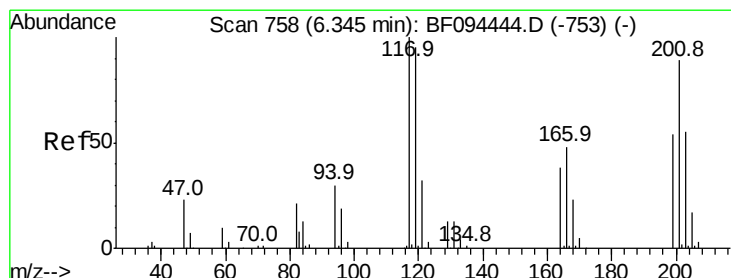
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 43.07 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

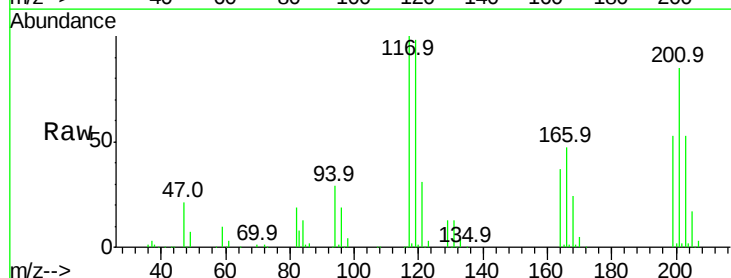
Tgt Ion:117 Resp: 140266

Ion Ratio Lower Upper

117 100

119 98.1 77.4 116.0

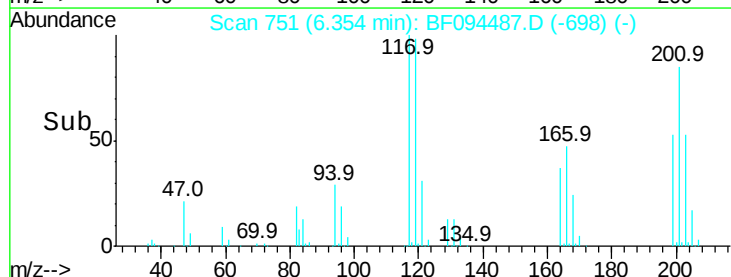
201 85.4 94.6 141.8#



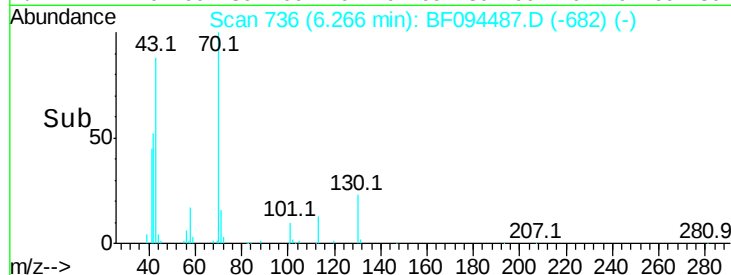
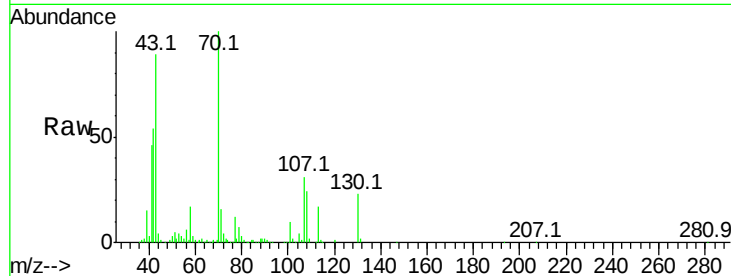
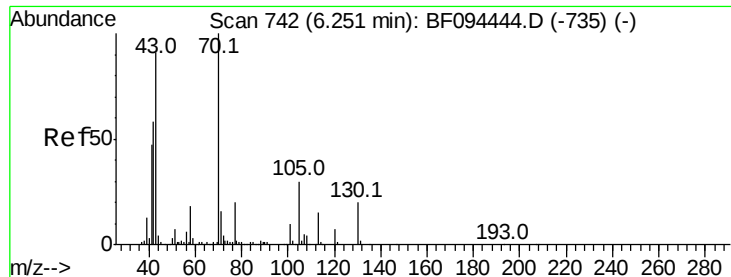
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



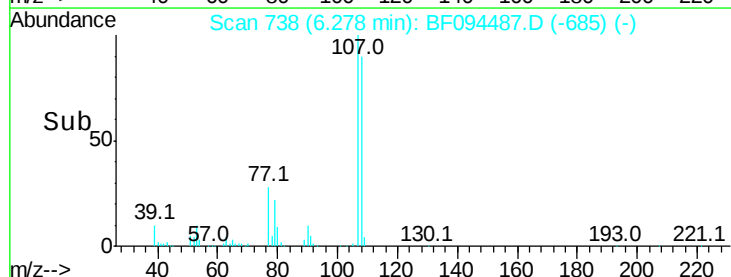
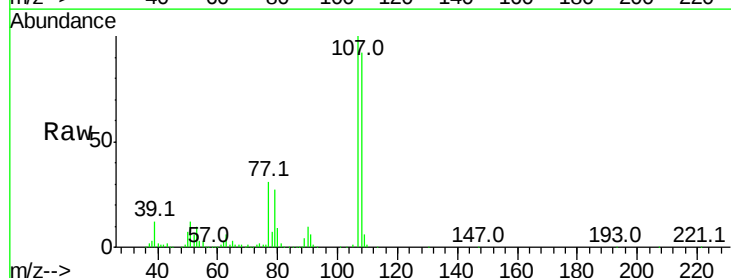
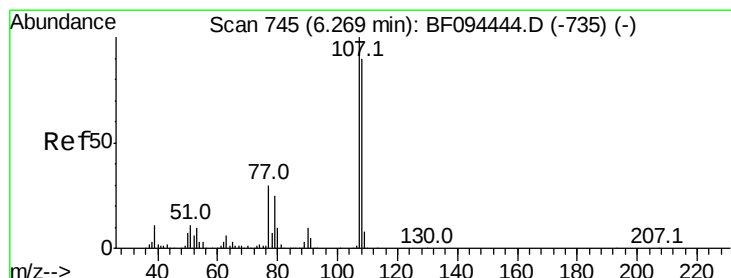
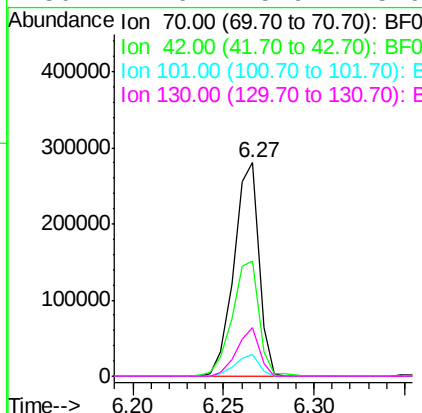
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 45.86 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

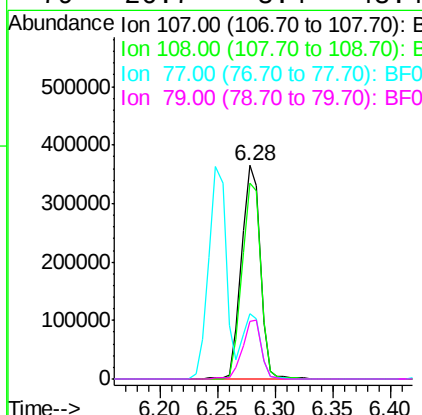
Instrument :
BNA_F
ClientSampleId :

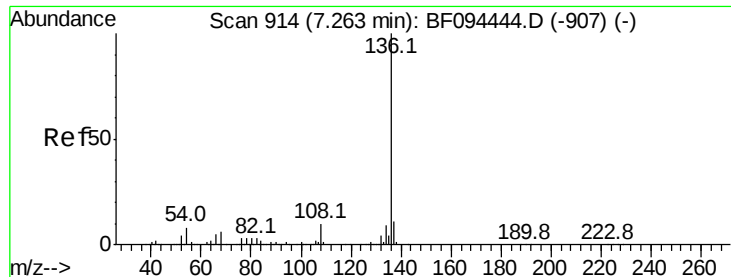
Tot Ion: 70 Resp: 268304
Ion Ratio Lower Upper
70 100
42 54.1 47.2 70.8
101 10.2 7.2 10.8
130 22.6 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.46 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Tgt Ion: 107 Resp: 414718
Ion Ratio Lower Upper
107 100
108 91.6 71.0 111.0
77 30.7 90.5 130.5#
79 26.7 8.4 48.4

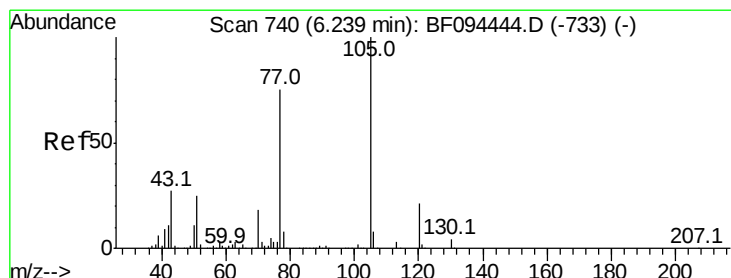
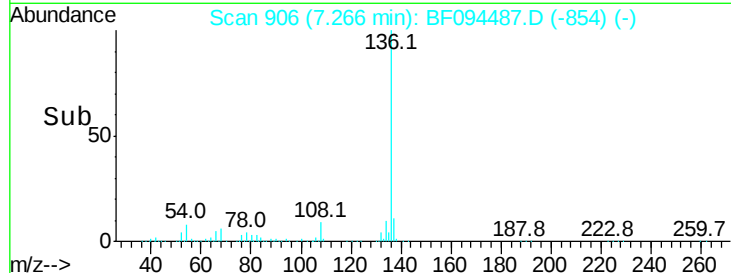
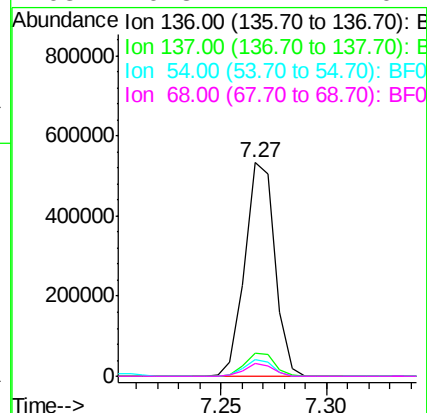
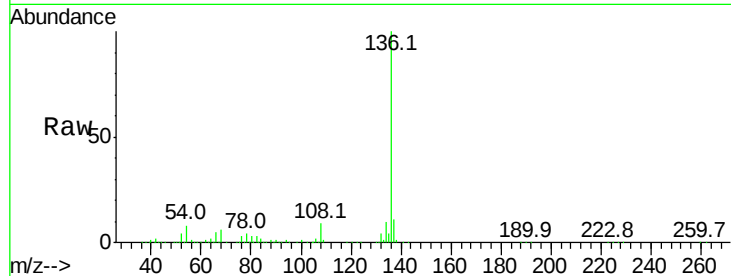




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

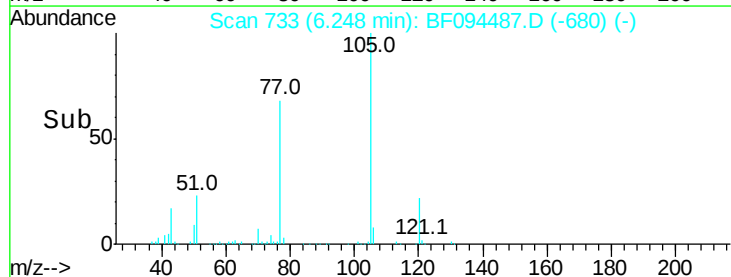
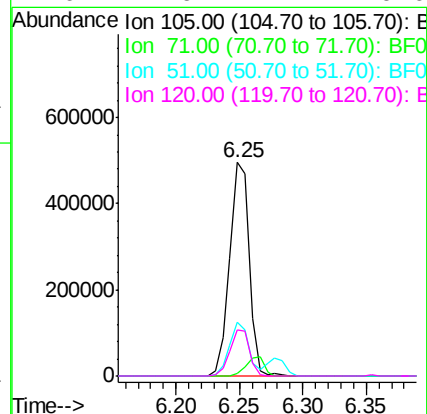
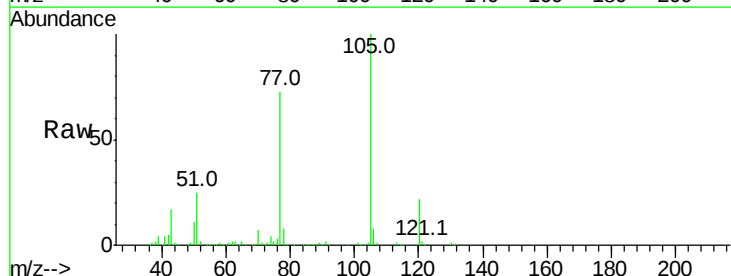
Instrument :
BNA_F
ClientSampleId :

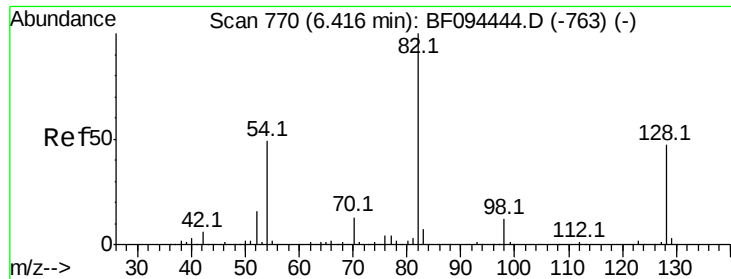
Tot Ion:	136	Resp:	522360
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.6	4.9	7.3#
68	6.3	4.1	6.1#



#22
Acetophenone
Concen: 41.70 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Tgt Ion:	105	Resp:	529680
Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.8	4.2#
51	25.2	30.7	46.1#
120	21.6	17.4	26.0

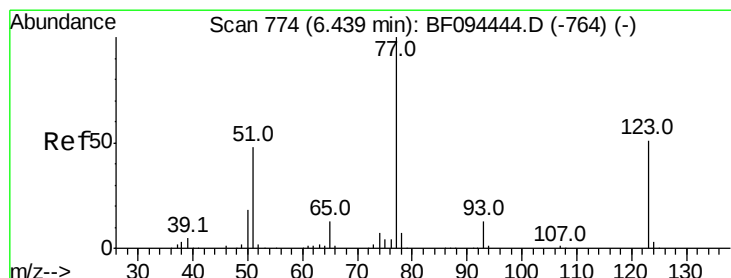
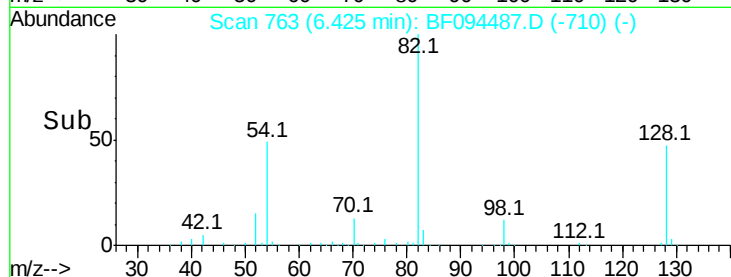
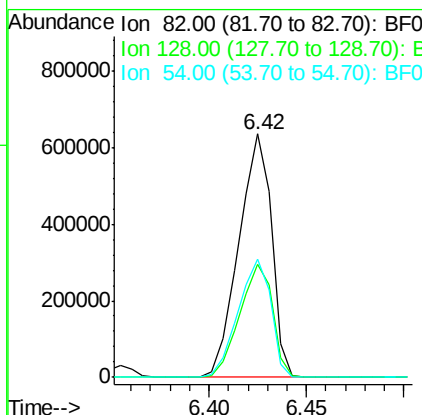
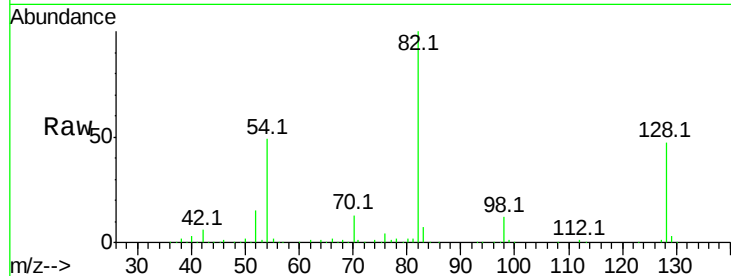




#23
 Nitrobenzene-d5
 Concen: 87.22 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

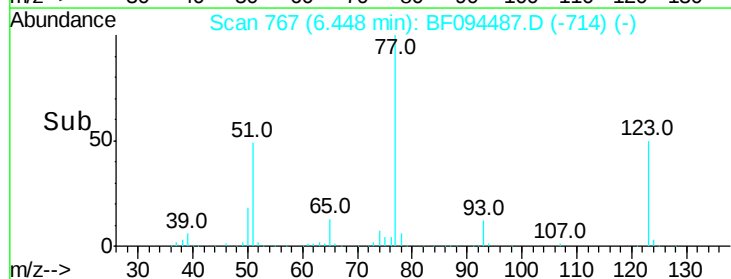
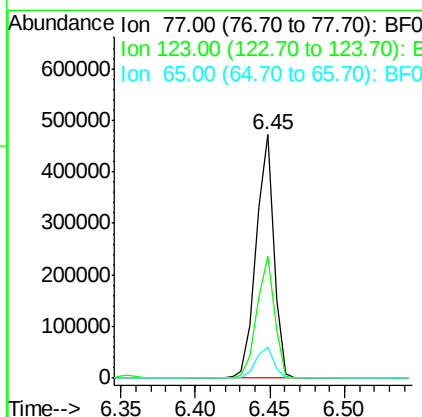
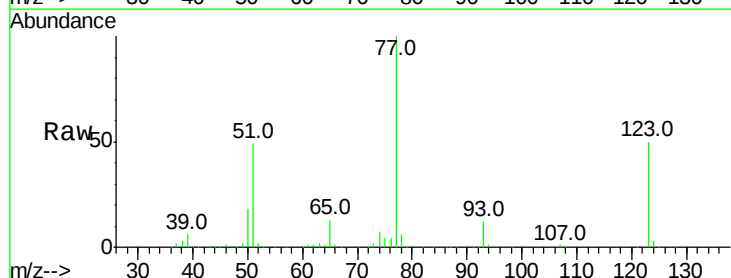
Instrument :
 BNA_F
 ClientSampleId :

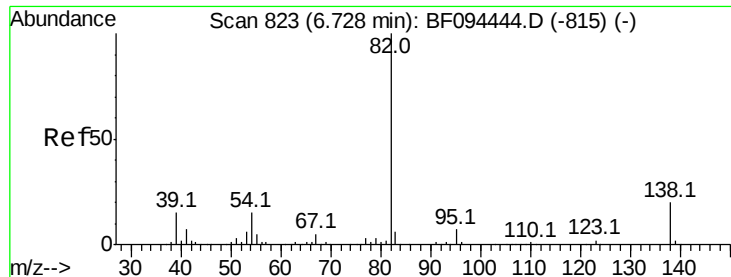
Tot Ion: 82 Resp: 737873
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 48.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 43.11 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion: 77 Resp: 384072
 Ion Ratio Lower Upper
 77 100
 123 50.4 35.8 53.8
 65 12.7 10.6 15.8





#25

Isophorone

Concen: 44.04 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

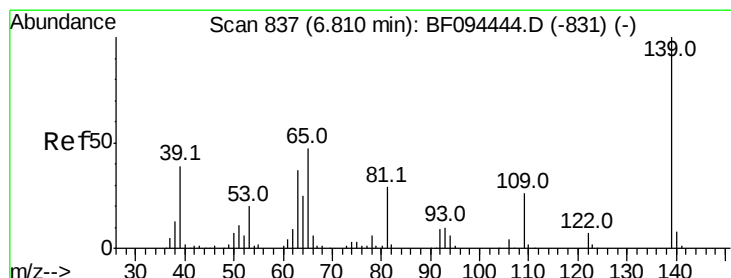
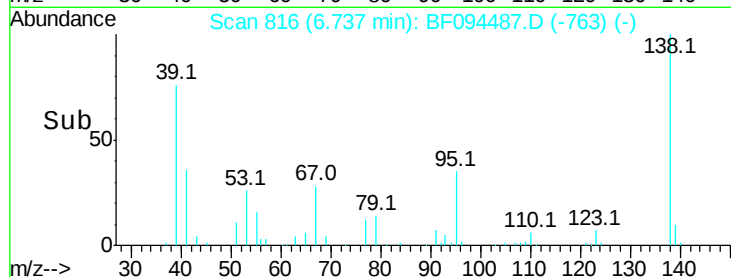
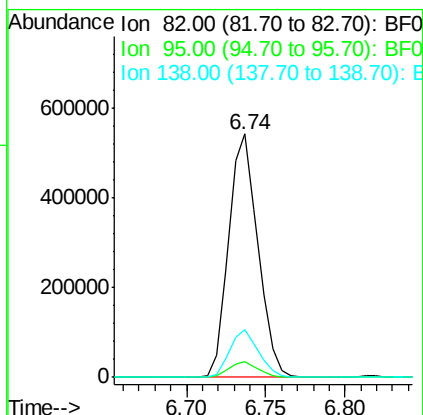
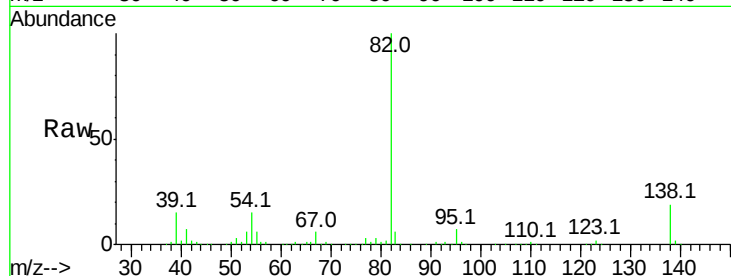
Tot Ion: 82 Resp: 690669

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 42.62 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

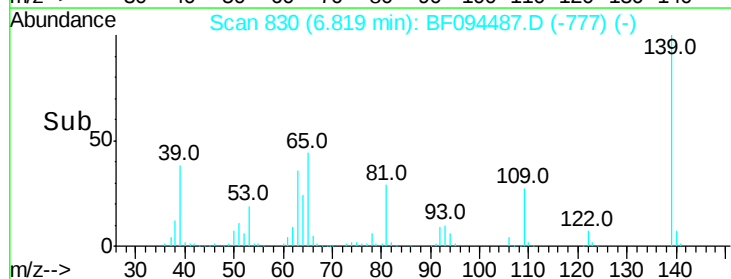
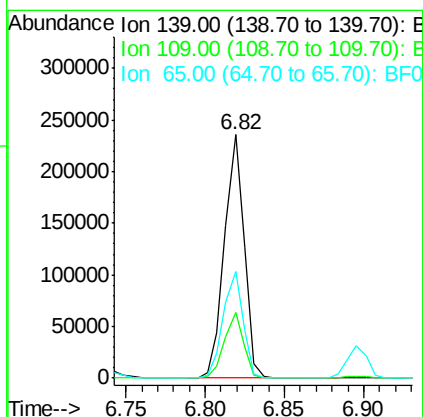
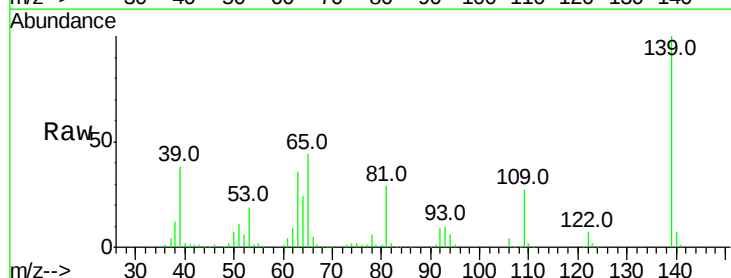
Tgt Ion:139 Resp: 203956

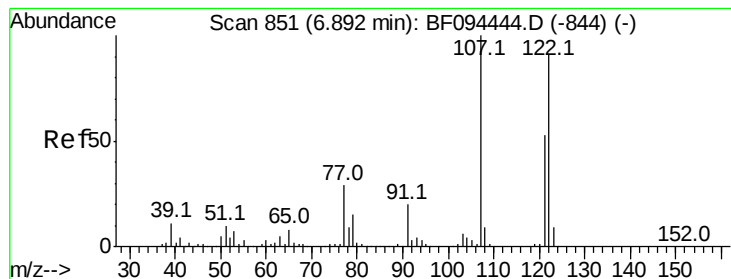
Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.6

65 43.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.34 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampled :

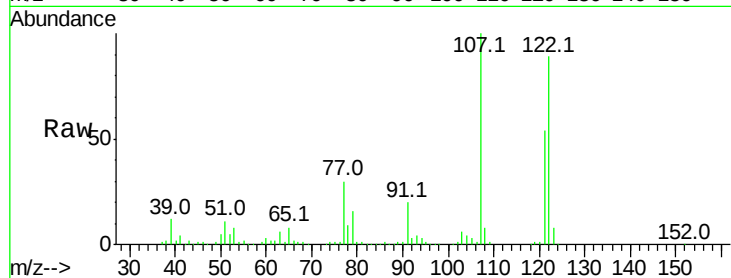
Tot Ion:122 Resp: 329127

Ion Ratio Lower Upper

122 100

107 112.2 89.2 133.8

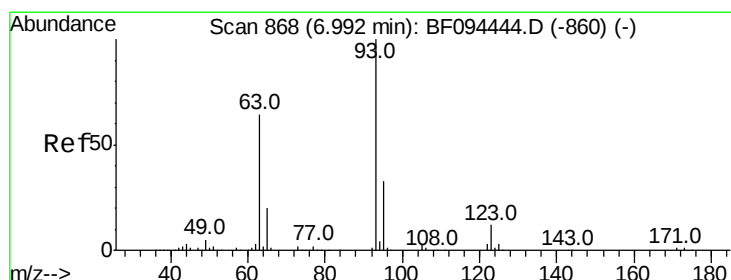
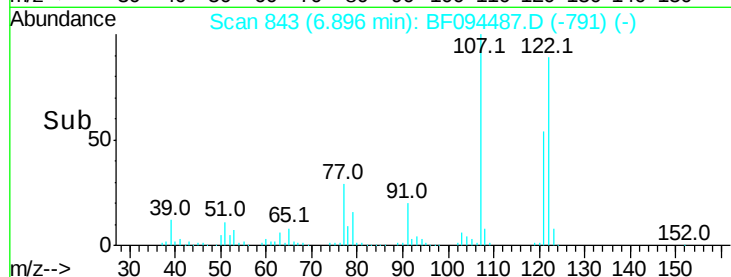
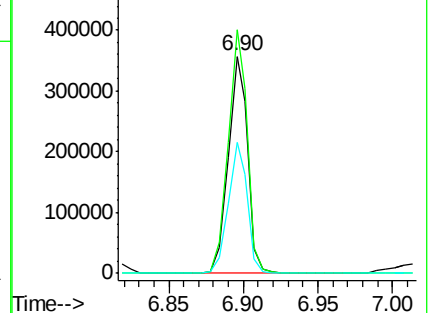
121 60.3 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.66 ng

RT: 7.00 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

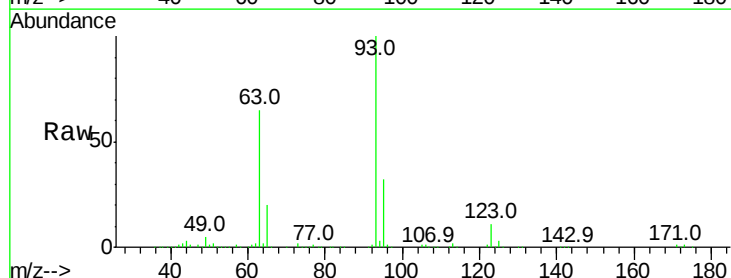
Tgt Ion: 93 Resp: 442910

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

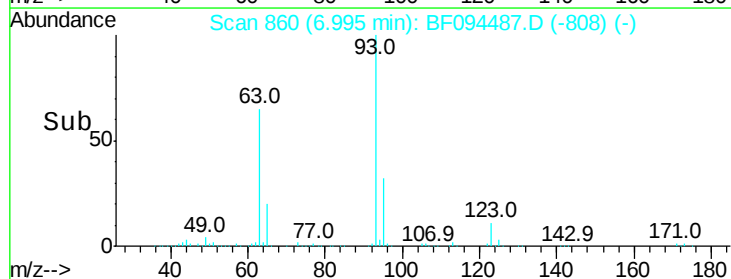
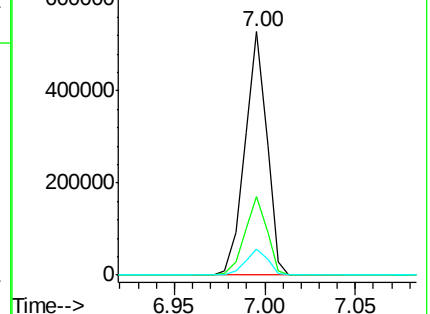
123 10.8 9.0 13.4

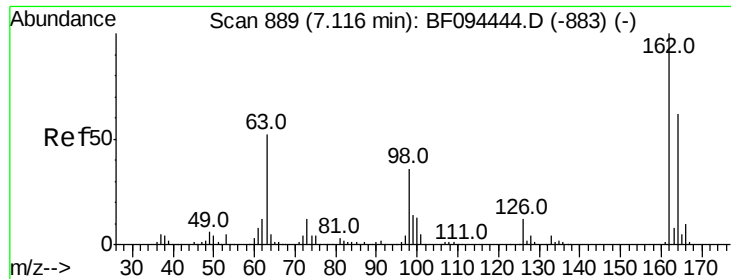


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

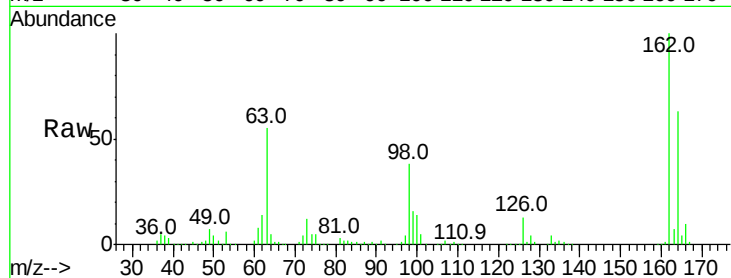




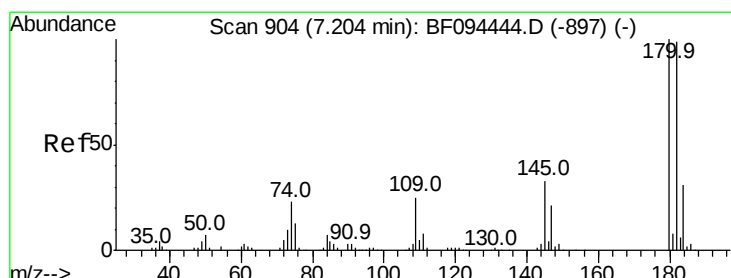
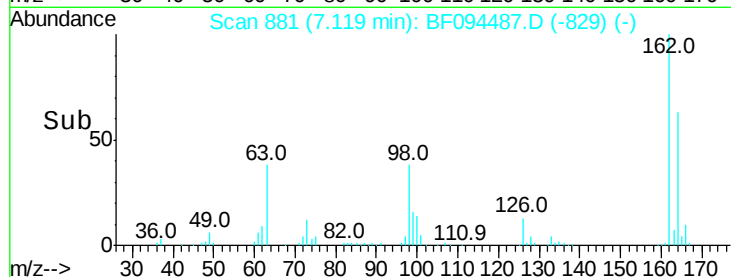
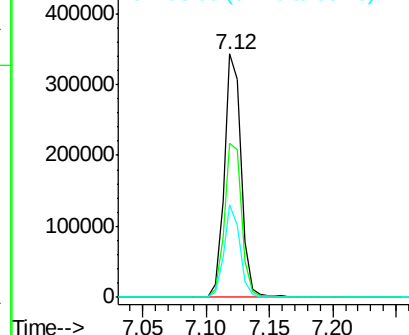
#29
 2,4-Dichlorophenol
 Concen: 44.40 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	38.0	14.8	54.8

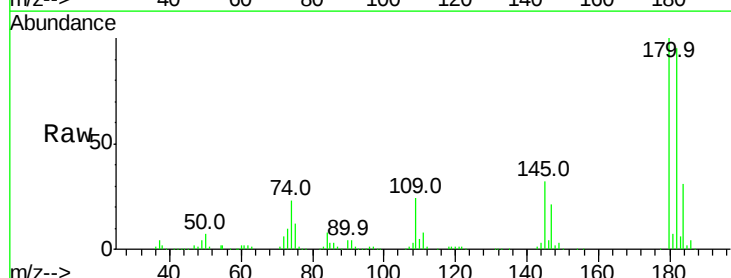


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

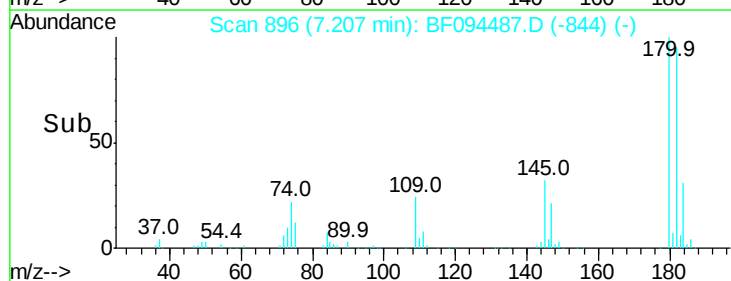
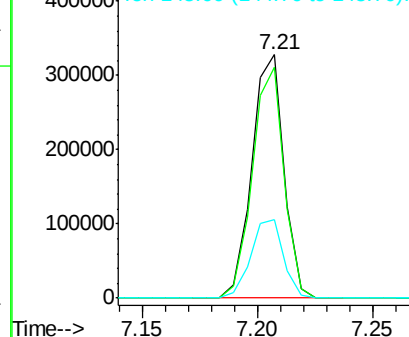


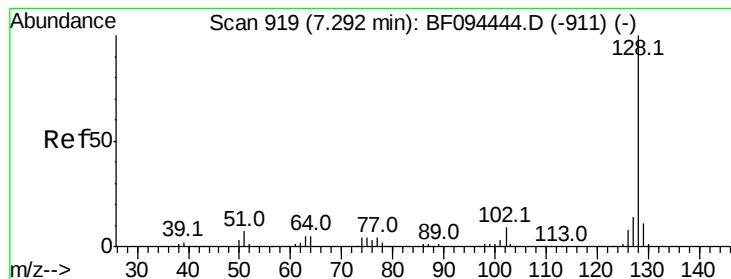
#30
 1,2,4-Trichlorobenzene
 Concen: 42.44 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	32.2	25.3	37.9



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





#31

Naphthalene

Concen: 42.34 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

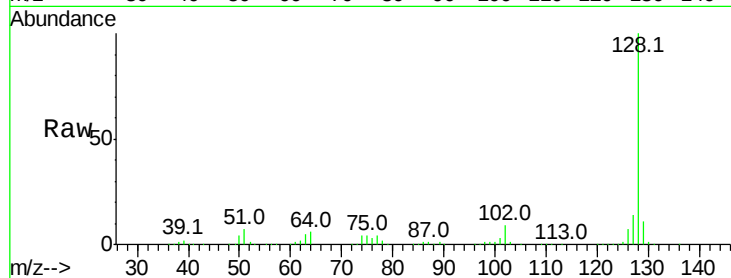
Tot Ion:128 Resp: 1063177

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

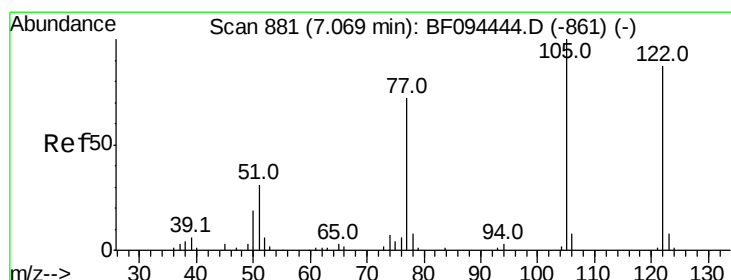
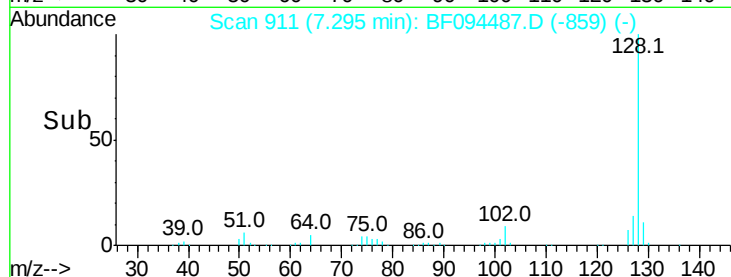
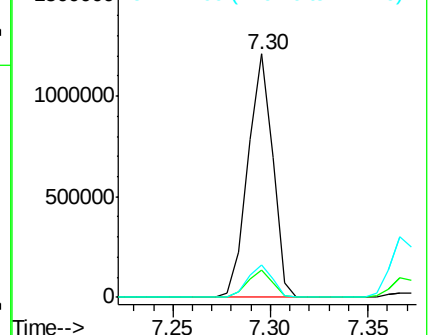
127 13.6 10.8 16.2



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: 10.14 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.04 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

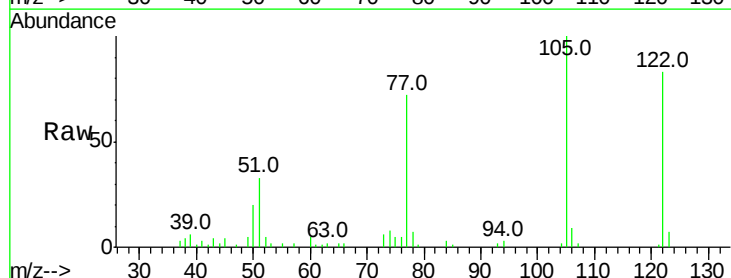
Tgt Ion:122 Resp: 41685

Ion Ratio Lower Upper

122 100

105 121.2 103.3 143.3

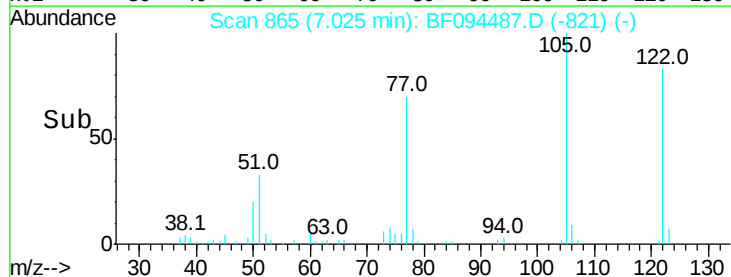
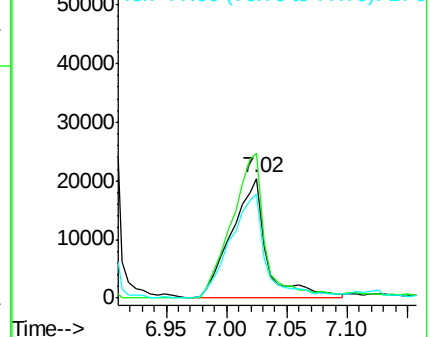
77 86.8 73.7 113.7

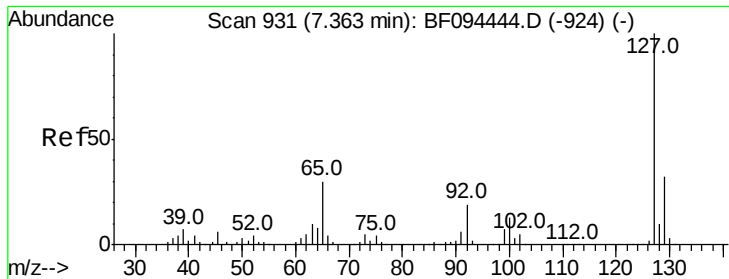


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

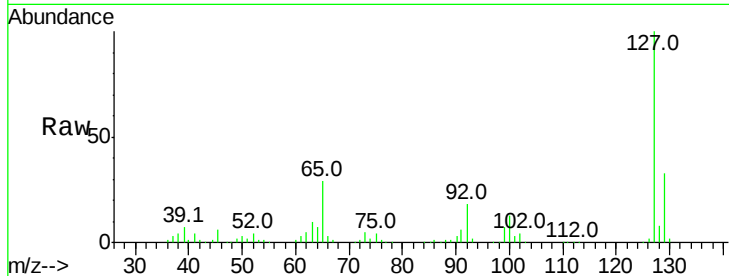




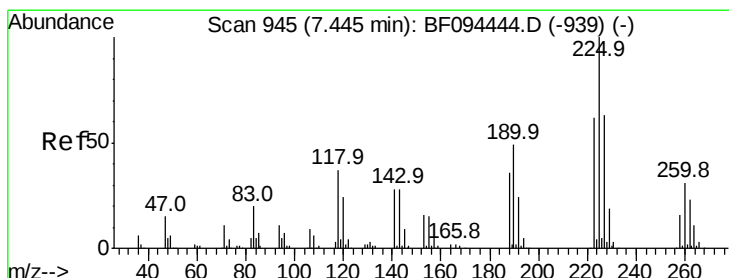
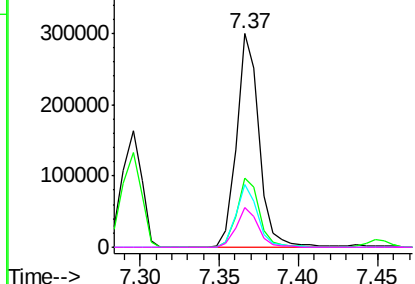
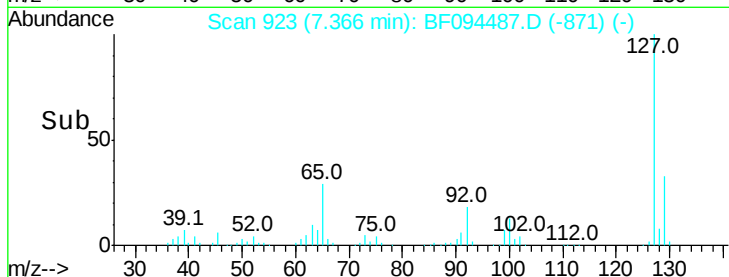
#33
 4-Chloroaniline
 Concen: 28.25 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	295134
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	29.4	27.8	41.8
92	18.5	16.8	25.2

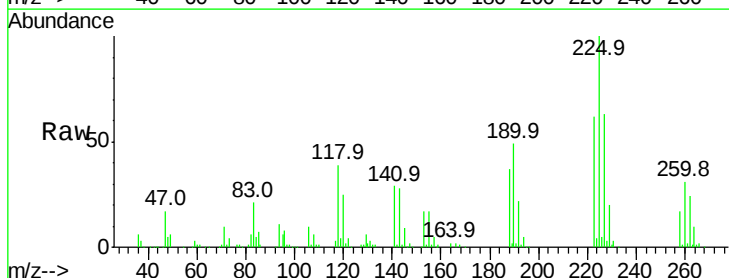


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

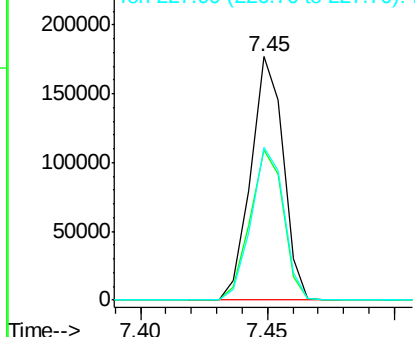
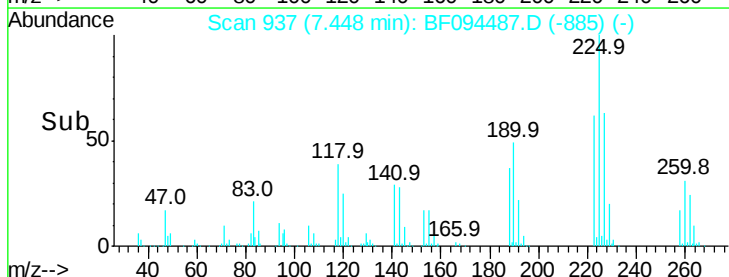


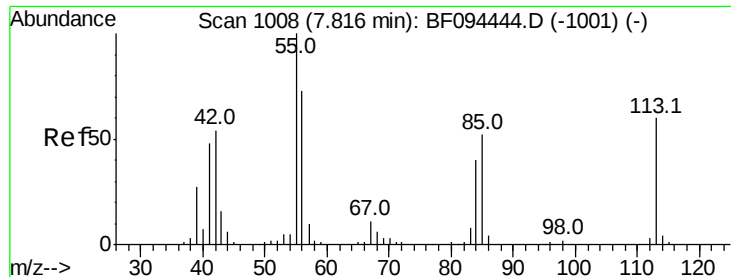
#34
 Hexachlorobutadiene
 Concen: 42.40 ng
 RT: 7.45 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion:	225	Resp:	158060
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.8	73.2
227	62.5	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

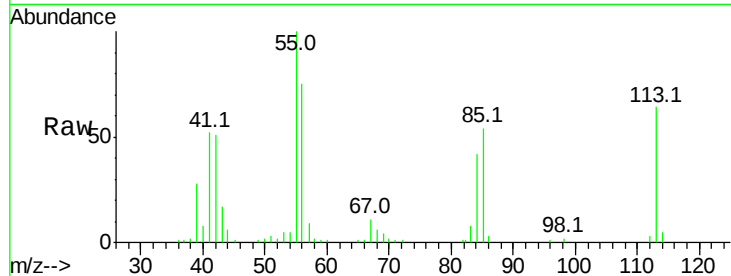




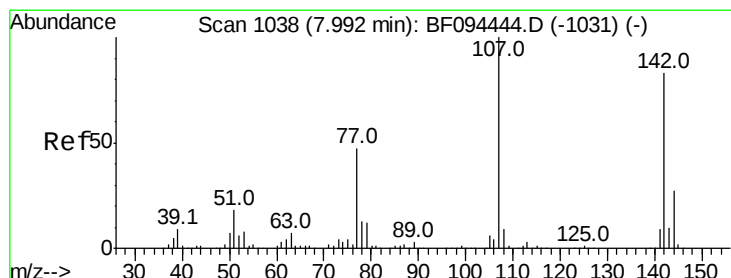
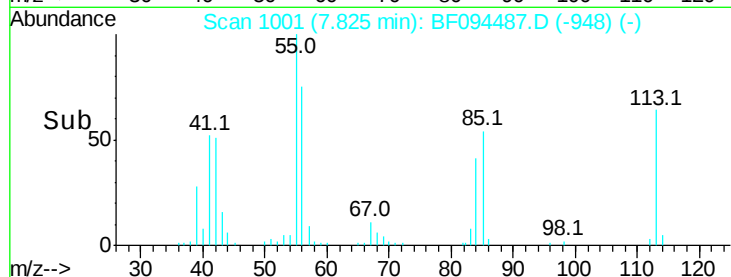
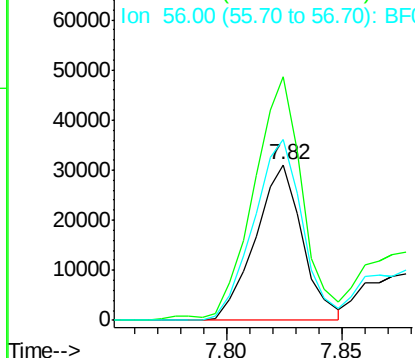
#35
 Caprolactam
 Concen: 19.36 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 43992
 Ion Ratio Lower Upper
 113 100
 55 156.8 150.2 190.2
 56 116.8 107.8 147.8

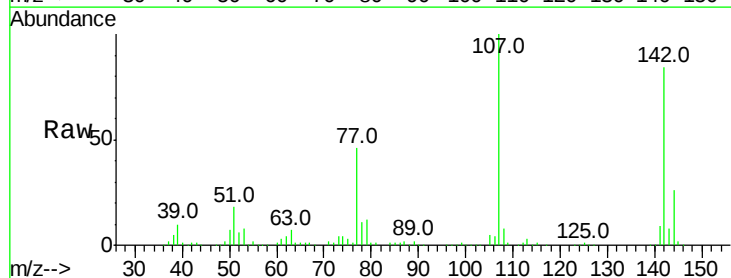


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

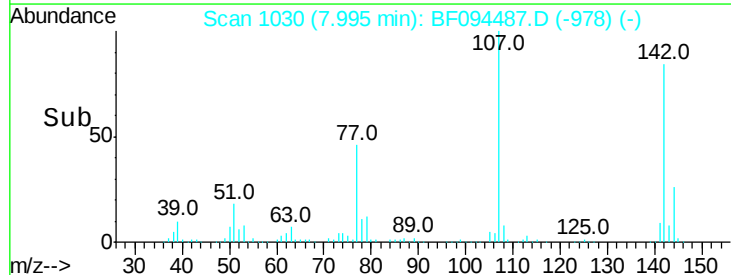
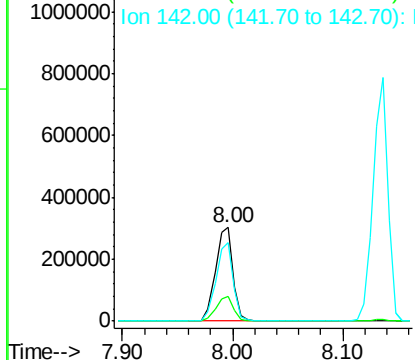


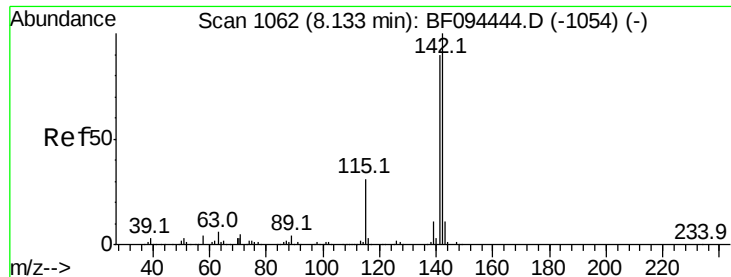
#36
 4-Chloro-3-methylphenol
 Concen: 43.41 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion:107 Resp: 329026
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 84.0 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

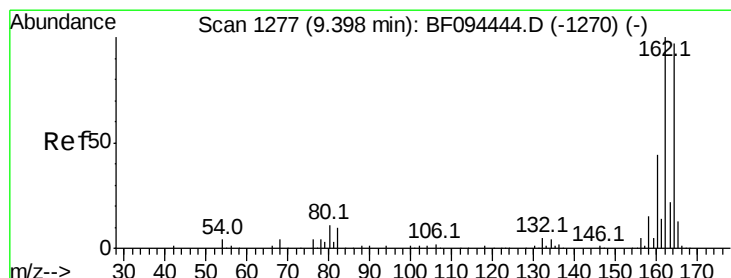
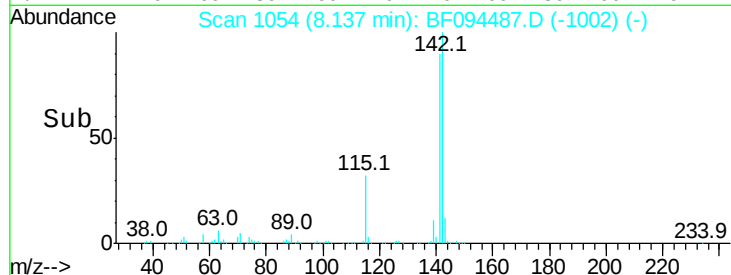
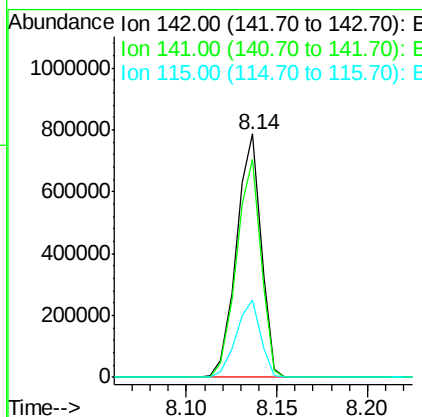
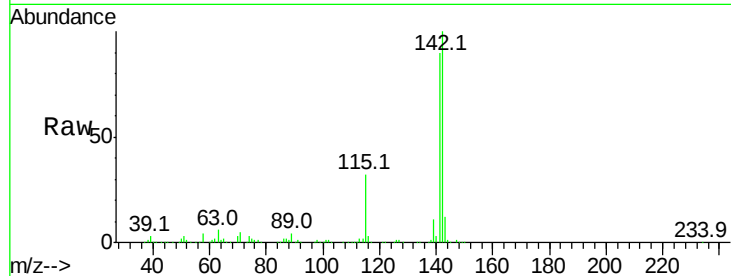




#37
 2-Methylnaphthalene
 Concen: 43.12 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

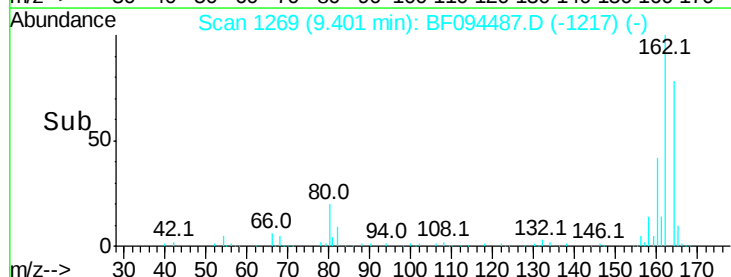
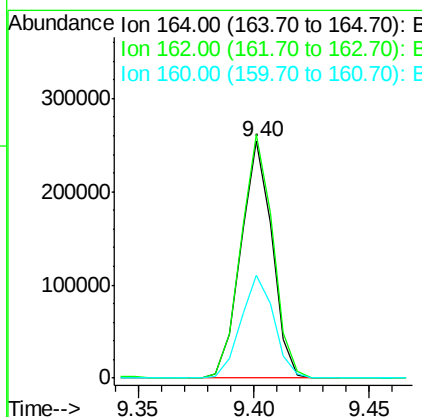
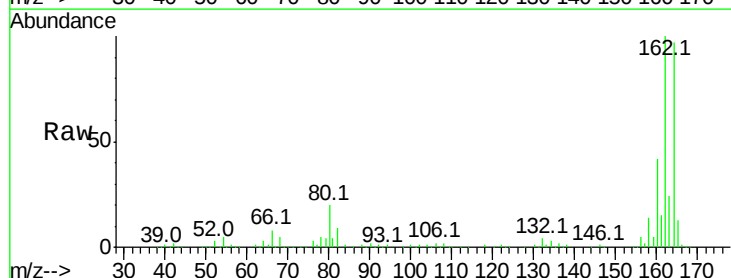
Instrument :
 BNA_F
 ClientSampled :

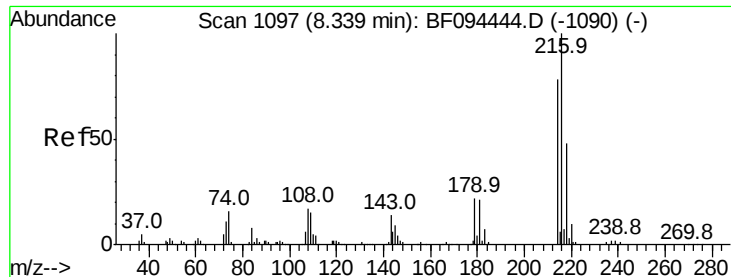
Tot Ion:142 Resp: 740894
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.3 106.9
 115 31.7 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion:164 Resp: 240475
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 43.5 36.2 54.2

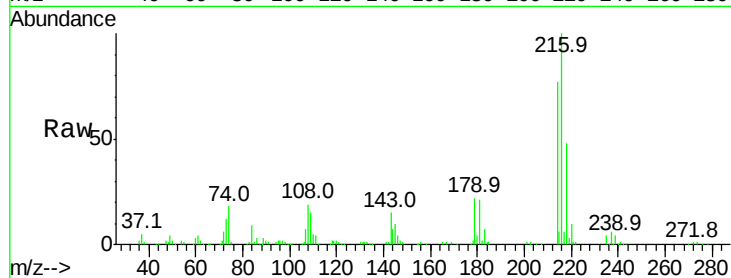




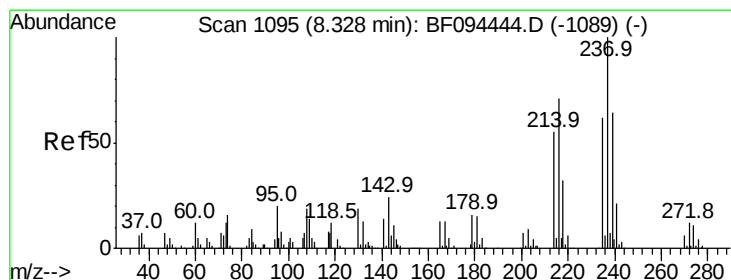
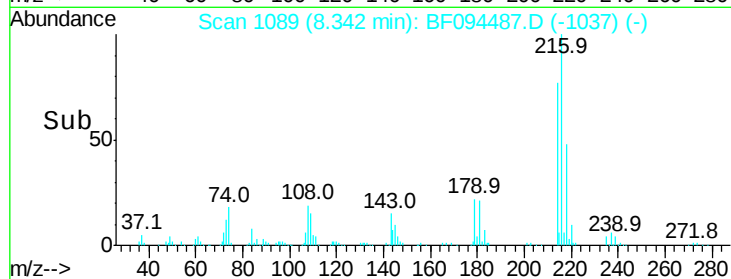
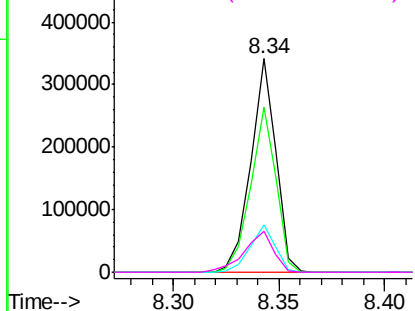
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.22 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	282232
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.2
179	22.1	17.9	26.9
108	22.1	16.5	24.7

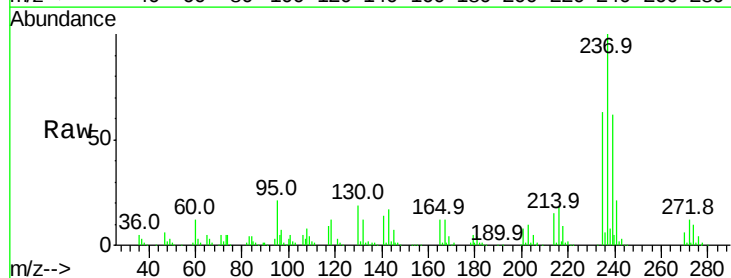


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

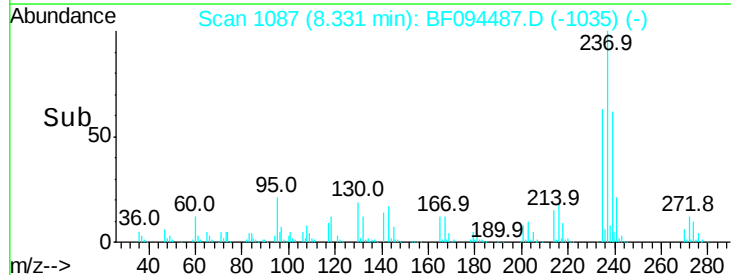
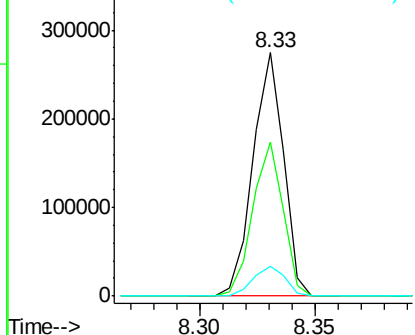


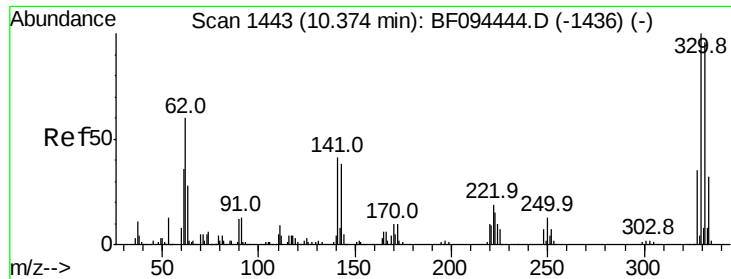
#40
 Hexachlorocyclopentadiene
 Concen: 91.94 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion:	237	Resp:	254677
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.6	82.6
272	12.3	0.0	31.9



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

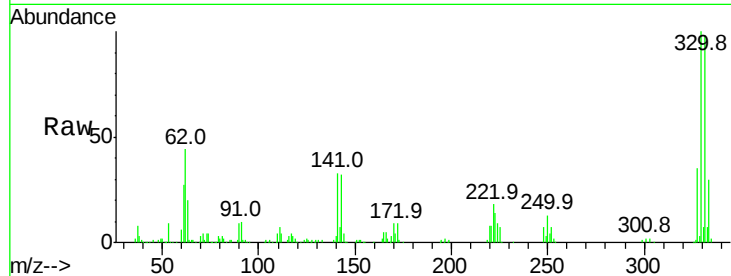




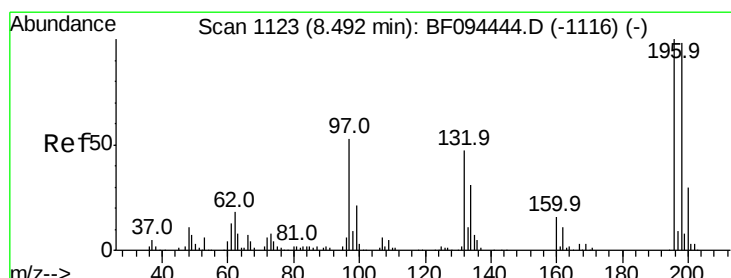
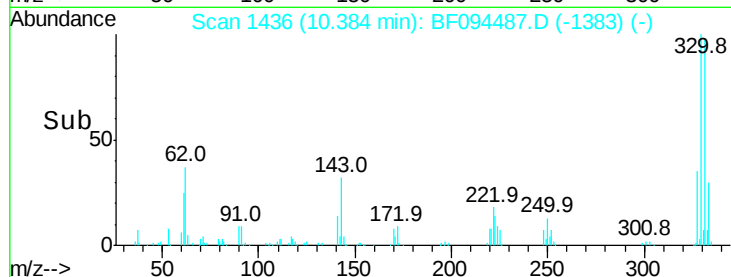
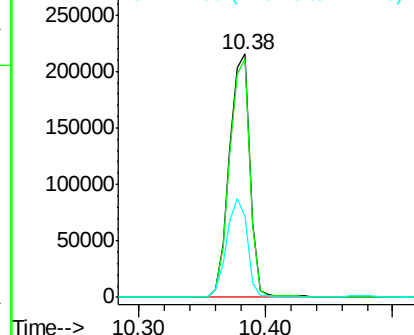
#41
 2,4,6-Tribromophenol
 Concen: 129.07 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 242772
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 41.2 31.4 47.2

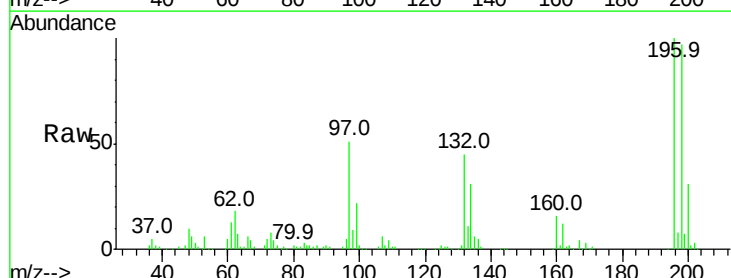


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

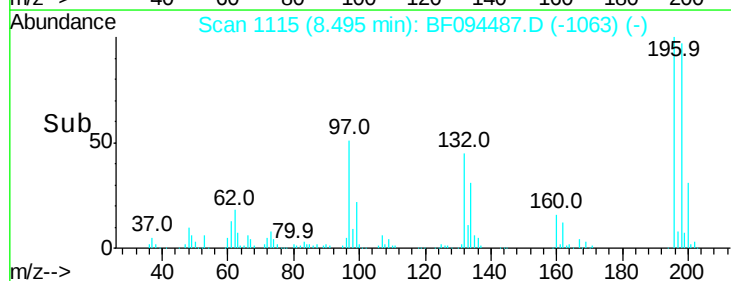
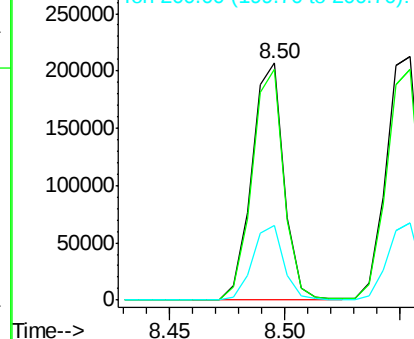


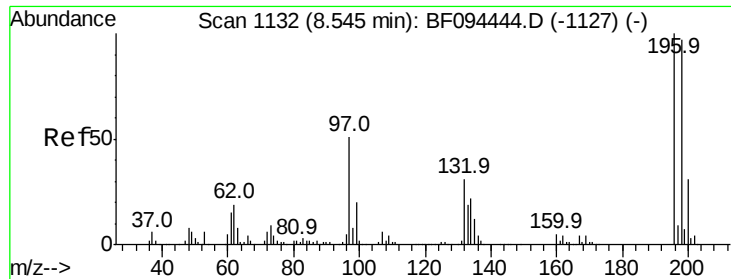
#42
 2,4,6-Trichlorophenol
 Concen: 41.93 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion:196 Resp: 201631
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.2 111.4
 200 31.4 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

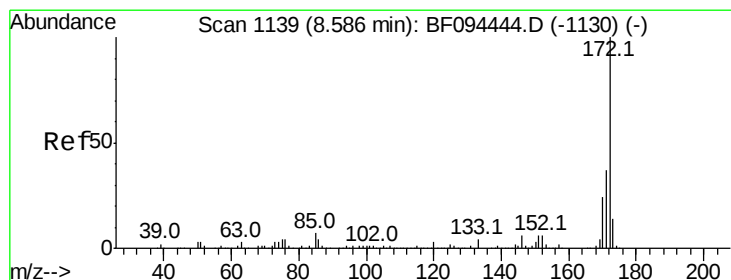
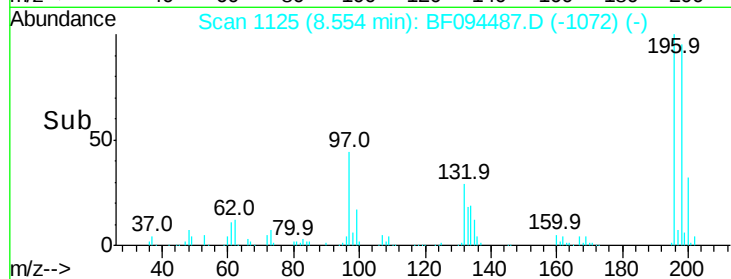
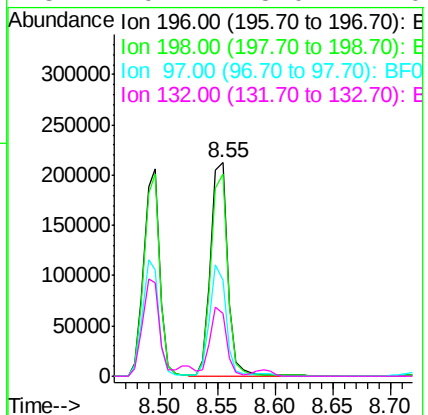
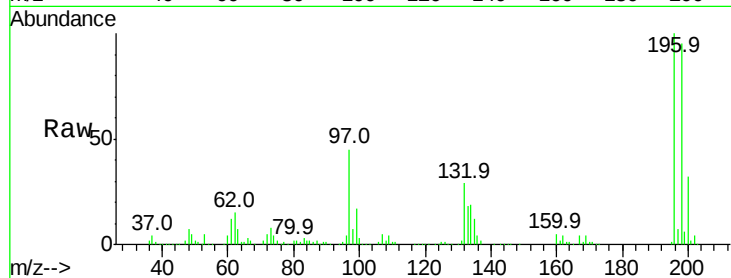




#43
 2,4,5-Trichlorophenol
 Concen: 44.58 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

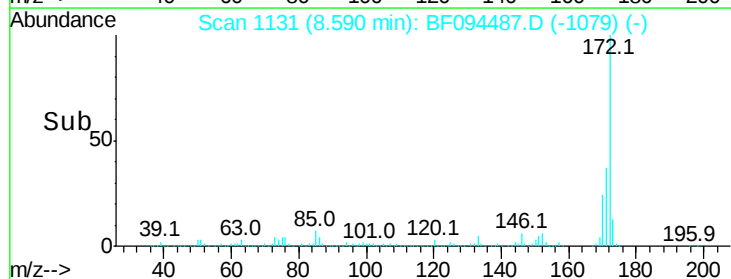
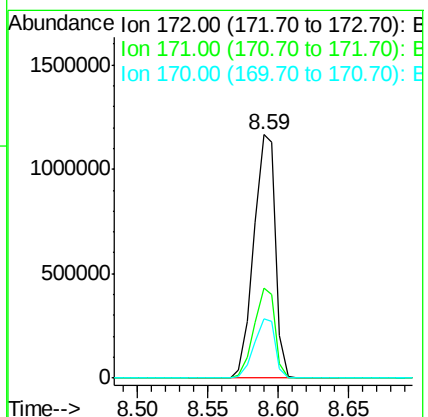
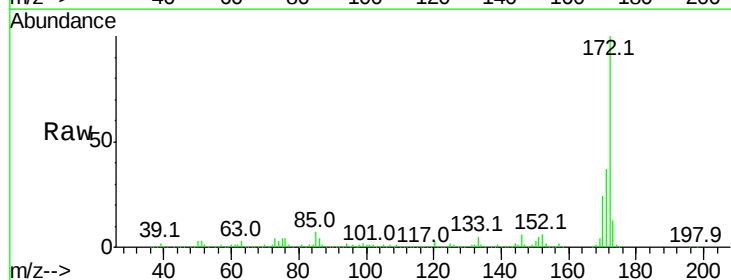
Instrument :
 BNA_F
 ClientSampleId :

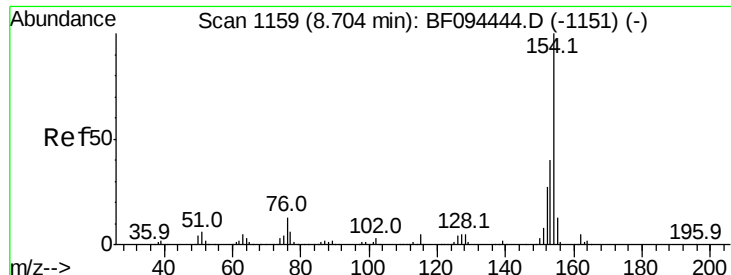
Tot Ion:196 Resp: 220156
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 97 44.7 47.7 71.5#
 132 29.1 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 76.96 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion:172 Resp: 1257841
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.3 19.8 29.8

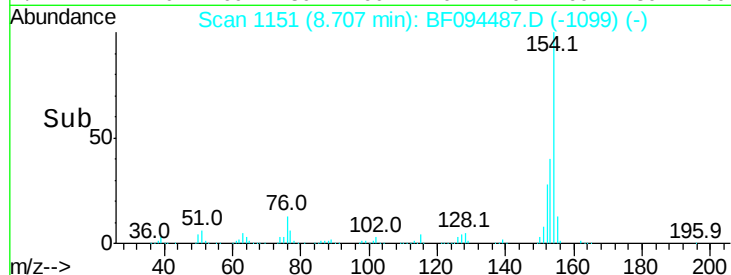
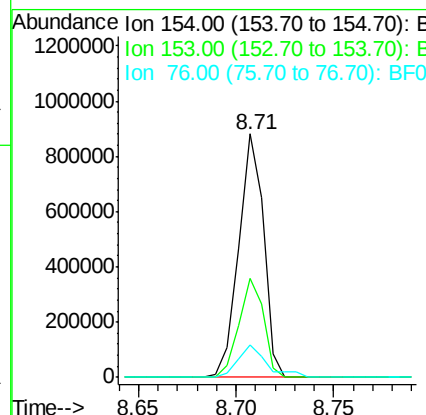
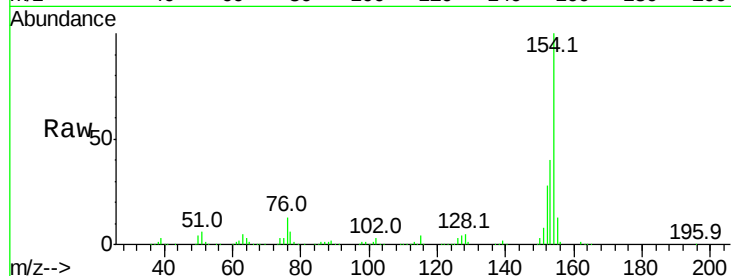




#45
 1,1'-Biphenyl
 Concen: 39.54 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

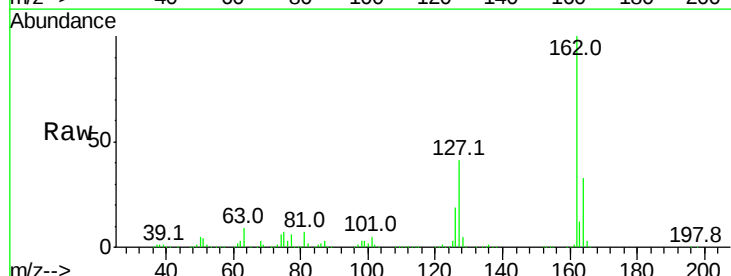
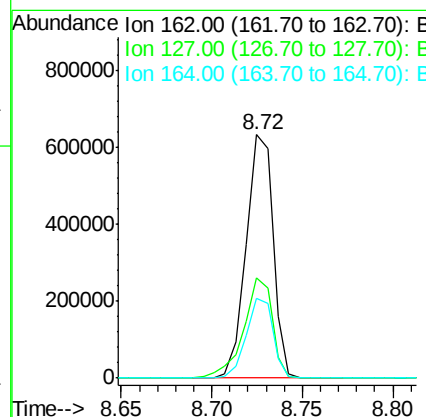
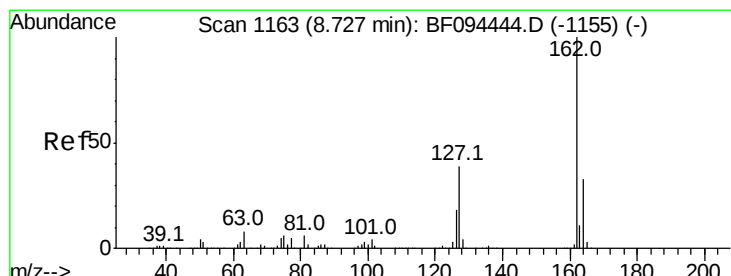
Instrument :
 BNA_F
 ClientSampled :

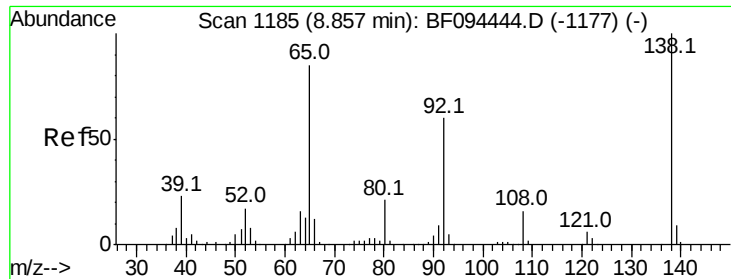
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	13.3	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 41.93 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	28.3	42.5
164	32.7	27.0	40.4

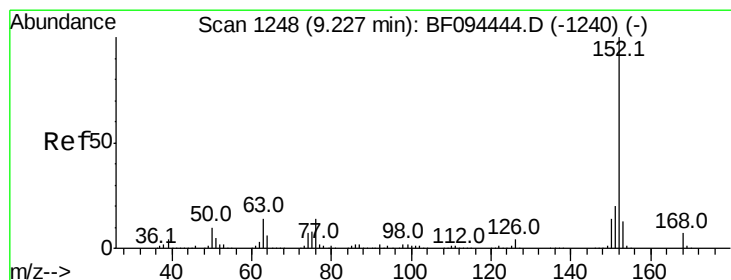
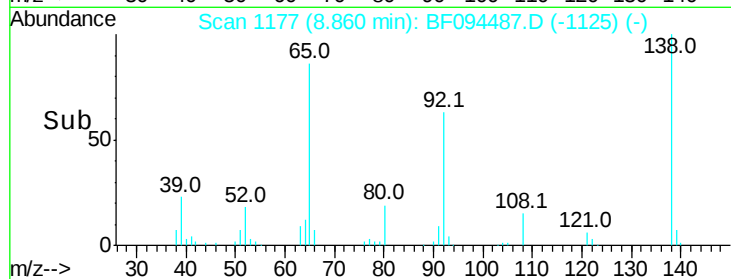
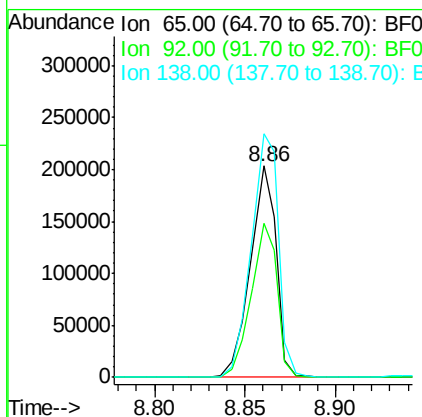
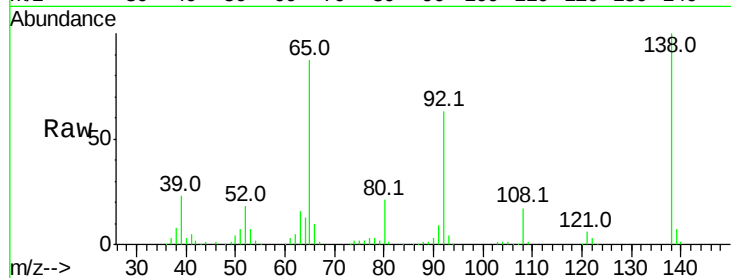




#47
 2-Nitroaniline
 Concen: 44.96 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

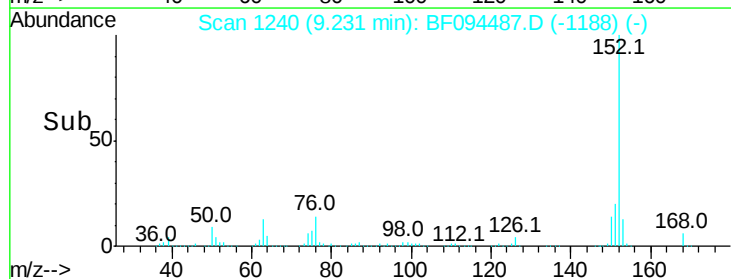
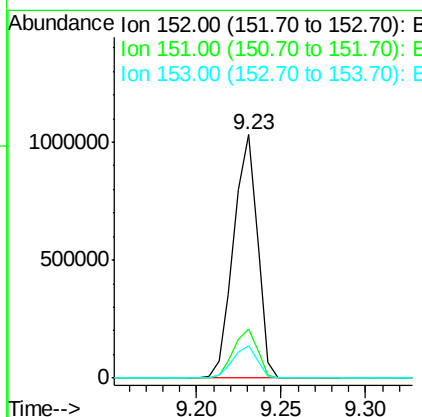
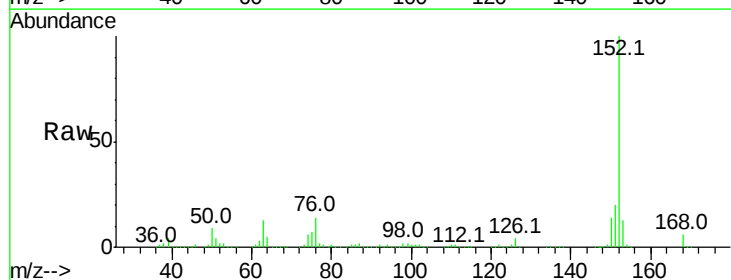
Instrument :
 BNA_F
 ClientSampleId :

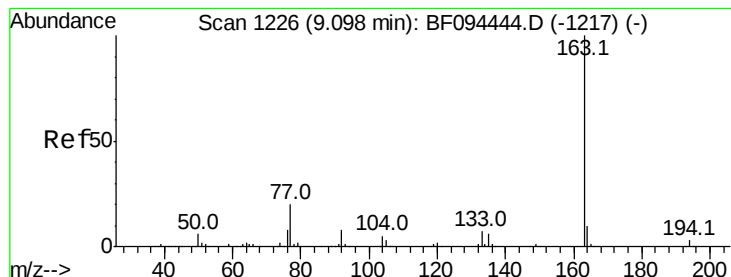
Tot Ion: 65 Resp: 202075
 Ion Ratio Lower Upper
 65 100
 92 72.7 53.9 80.9
 138 115.2 78.8 118.2



#48
 Acenaphthylene
 Concen: 41.70 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion: 152 Resp: 1015435
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 71.93 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

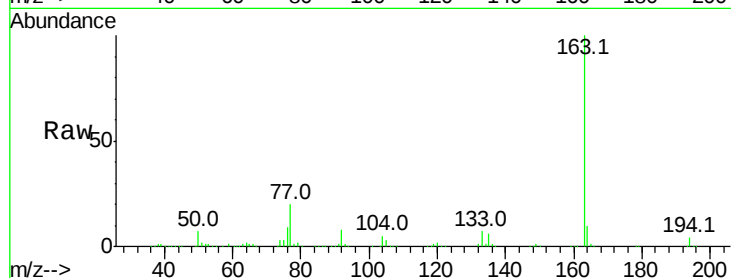
Tot Ion:163 Resp: 1289000

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

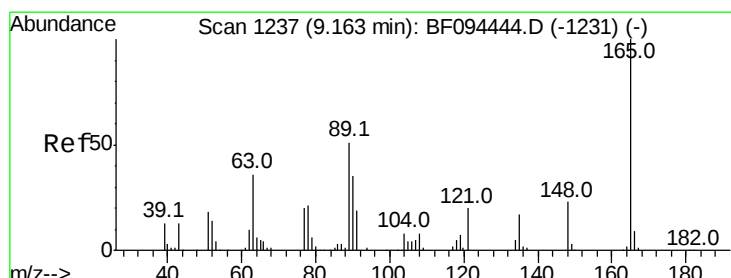
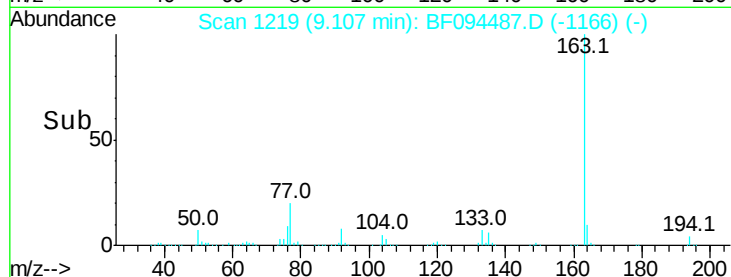
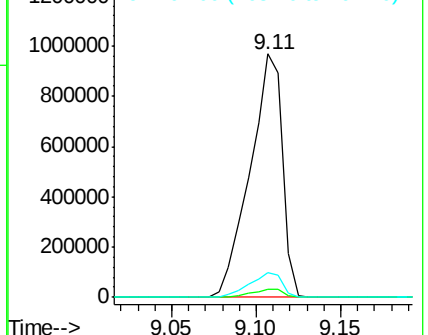
164 10.2 8.4 12.6



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: 45.40 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

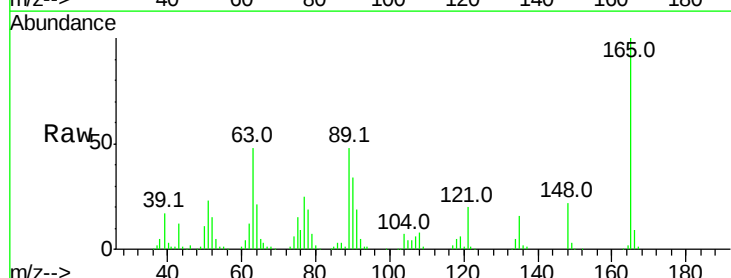
Tgt Ion:165 Resp: 182628

Ion Ratio Lower Upper

165 100

63 47.8 34.3 51.5

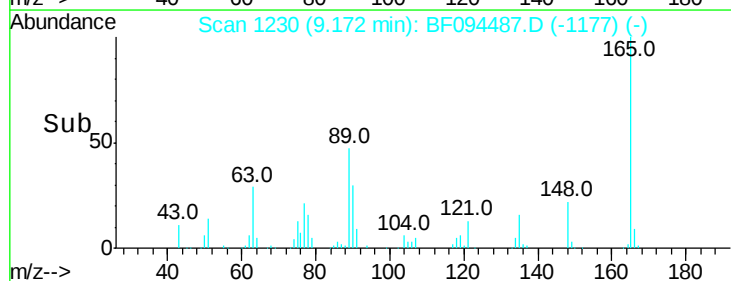
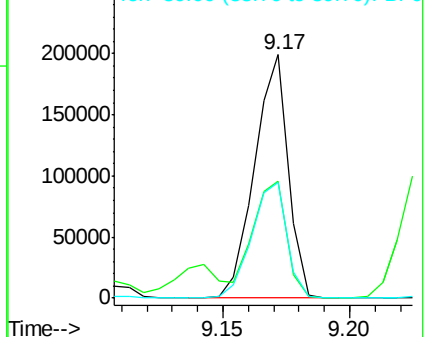
89 47.7 37.1 55.7

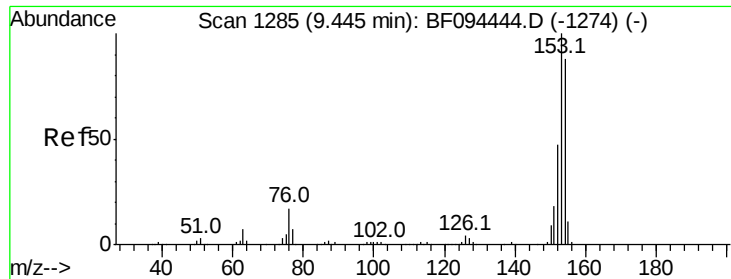


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.85 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampled :

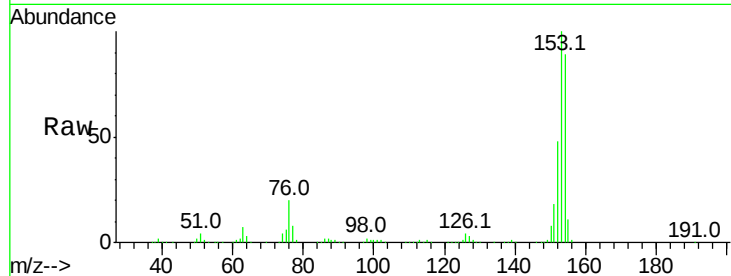
Tot Ion:154 Resp: 625086

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

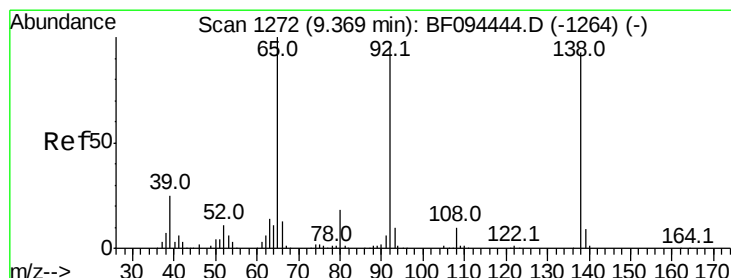
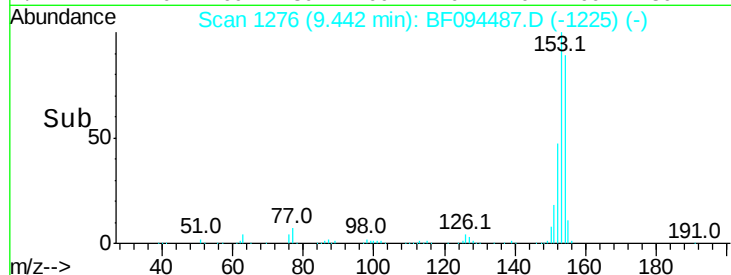
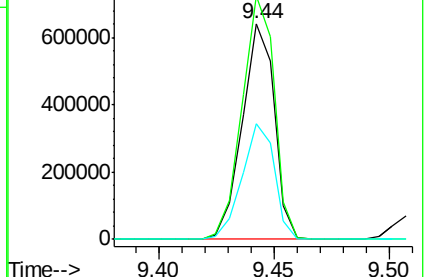
152 53.9 43.6 65.4



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: 34.27 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

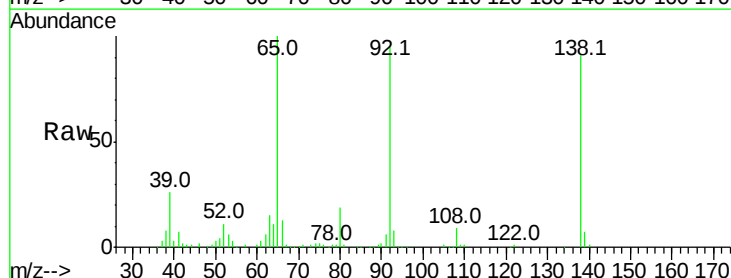
Tgt Ion:138 Resp: 159479

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

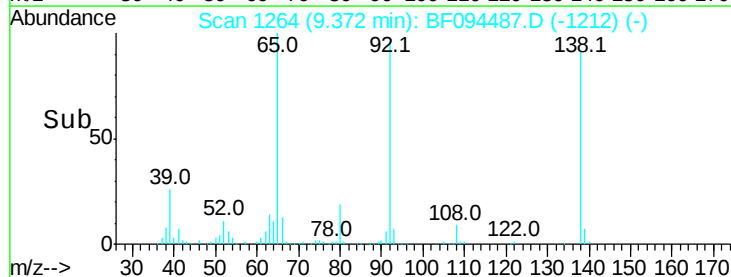
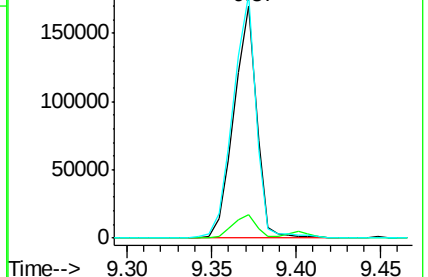
92 105.1 93.8 140.6

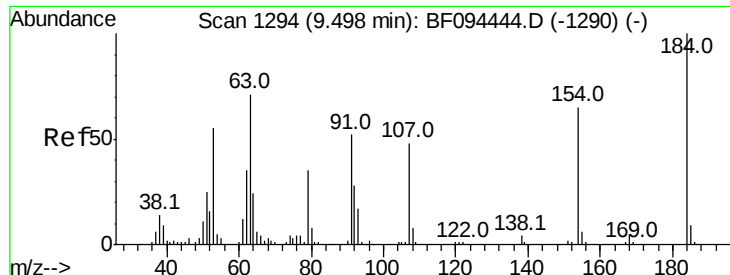


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

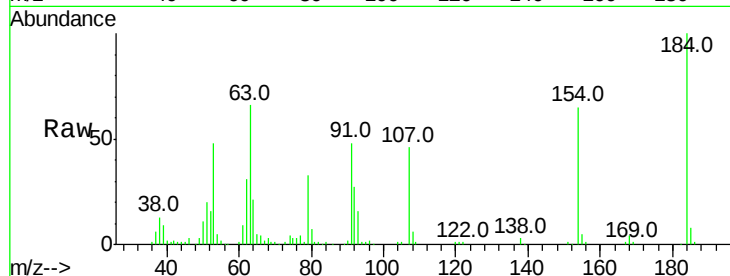




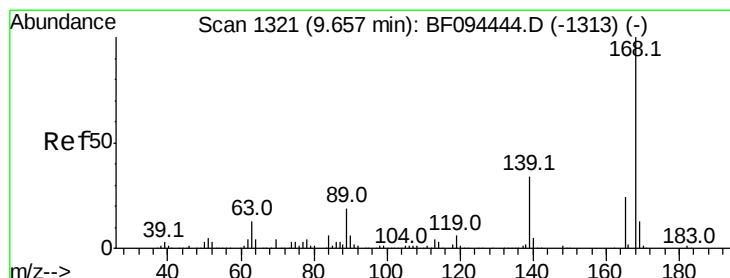
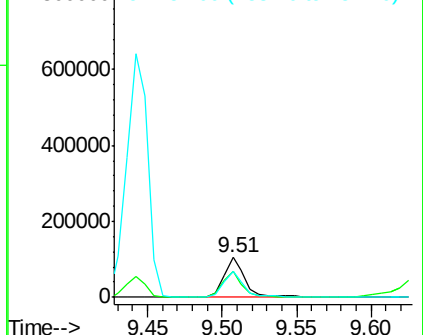
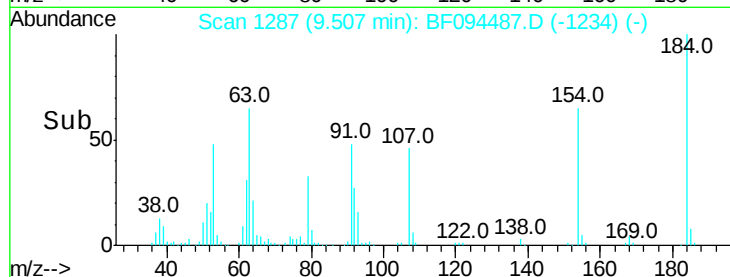
#53
 2,4-Dinitrophenol
 Concen: 51.60 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 107815
 Ion Ratio Lower Upper
 184 100
 63 65.6 62.7 94.1
 154 64.6 81.1 121.7#

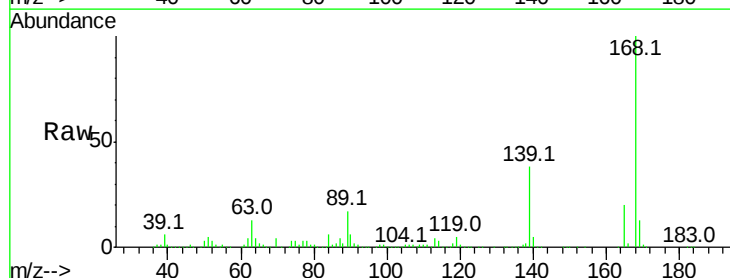


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

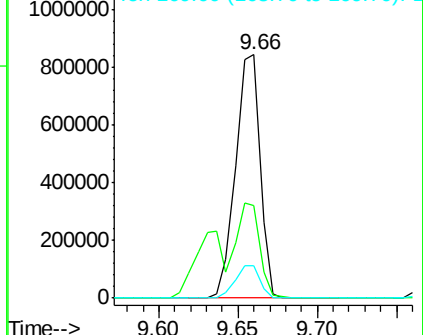
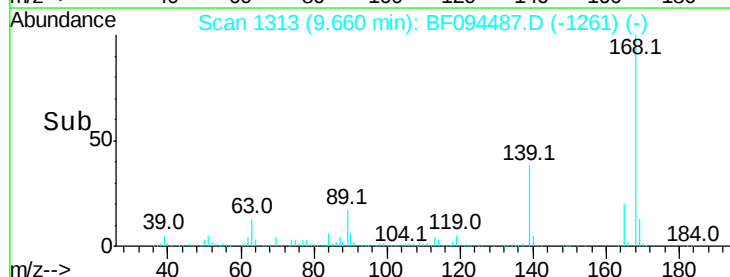


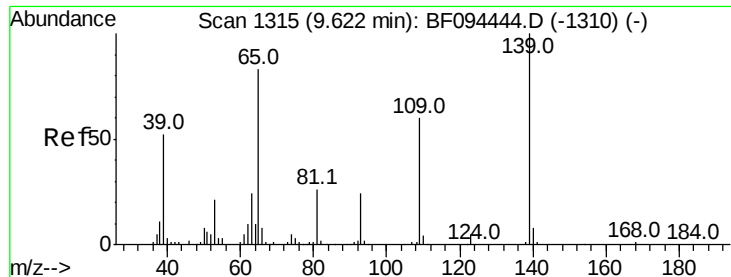
#54
 Dibenzofuran
 Concen: 42.73 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion:168 Resp: 906015
 Ion Ratio Lower Upper
 168 100
 139 37.9 30.6 45.8
 169 13.3 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

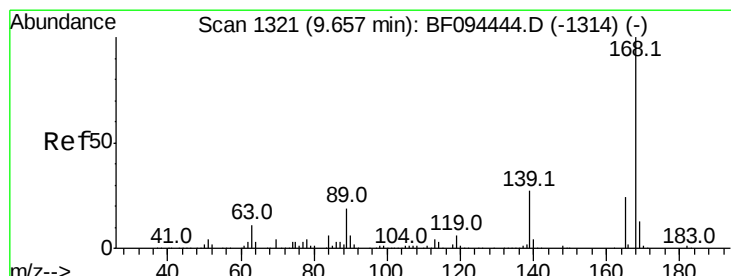
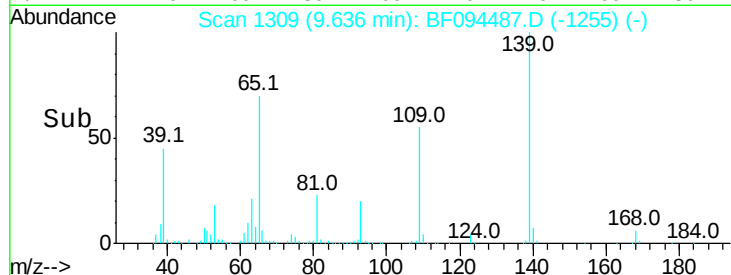
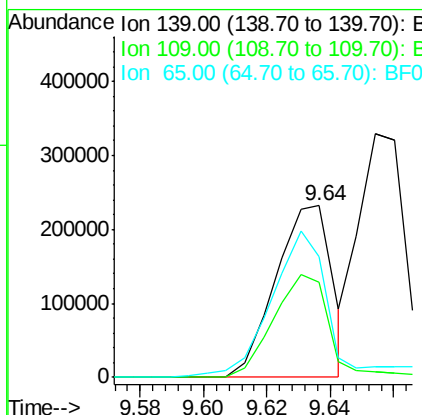
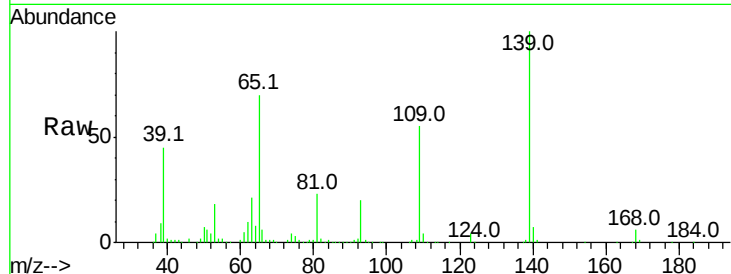




#55
4-Nitrophenol
Concen: 87.77 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

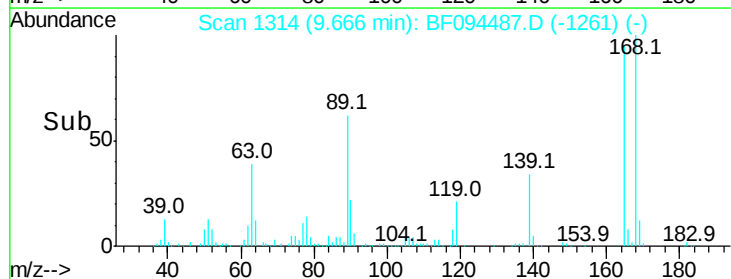
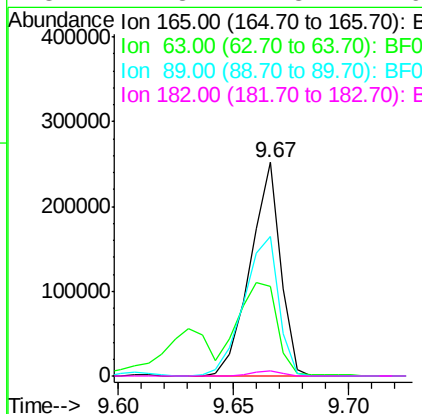
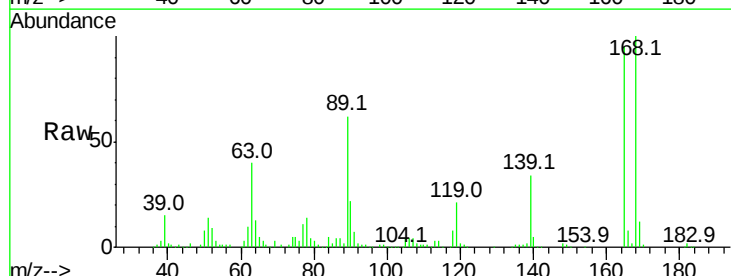
Instrument :
BNA_F
ClientSampleId :

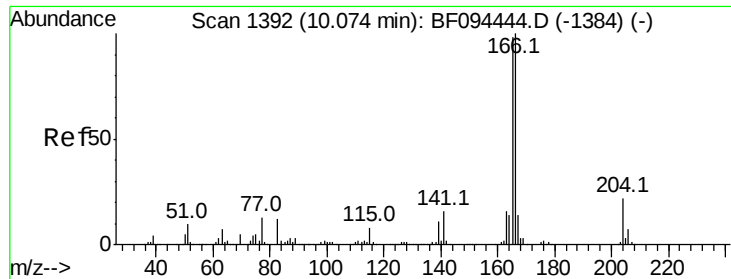
Tot Ion:139 Resp: 288566
Ion Ratio Lower Upper
139 100
109 55.4 34.1 74.1
65 70.2 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 46.66 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Tgt Ion:165 Resp: 230288
Ion Ratio Lower Upper
165 100
63 42.0 25.4 38.0#
89 65.3 46.4 69.6
182 2.3 1.8 2.6

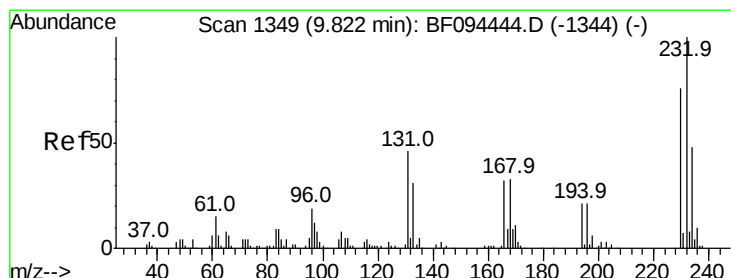
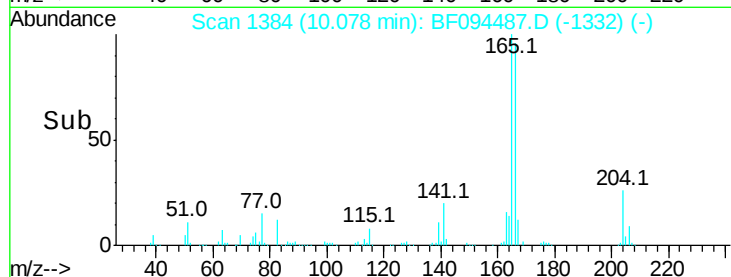
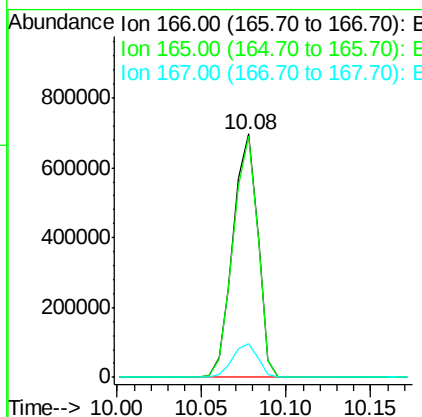
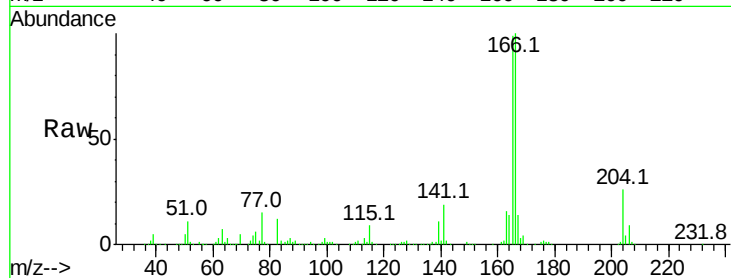




#57
 Fluorene
 Concen: 43.13 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

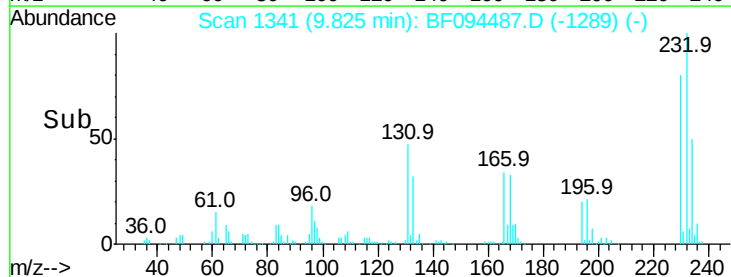
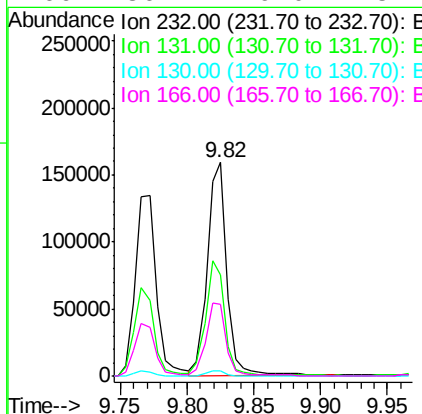
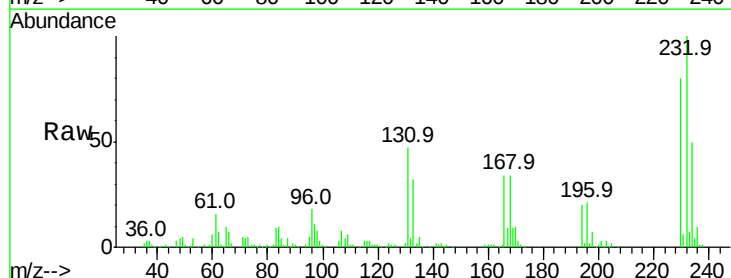
Instrument :
 BNA_F
 ClientSampleId :

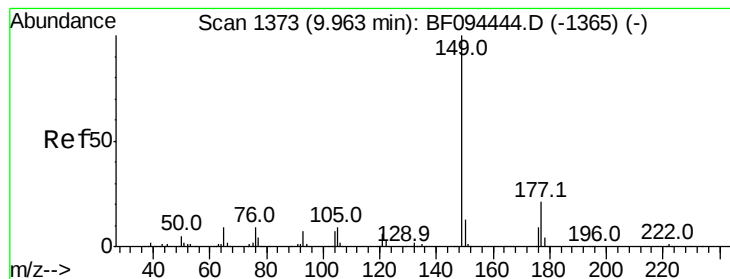
Tot Ion:166 Resp: 711975
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.74 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion:232 Resp: 161901
 Ion Ratio Lower Upper
 232 100
 131 53.7 44.8 67.2
 130 2.6 2.3 3.5
 166 36.1 29.0 43.4





#59

Diethylphthalate

Concen: 46.05 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampled :

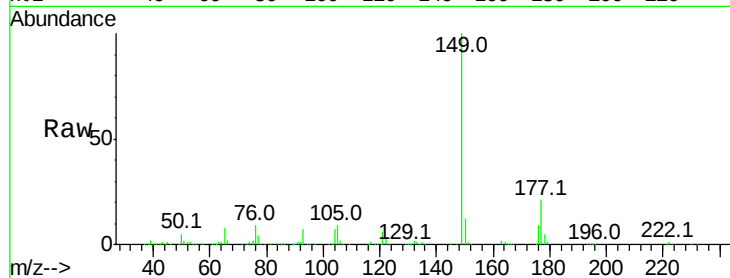
Tot Ion:149 Resp: 778688

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

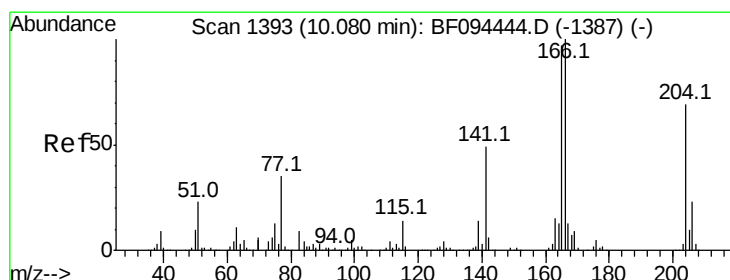
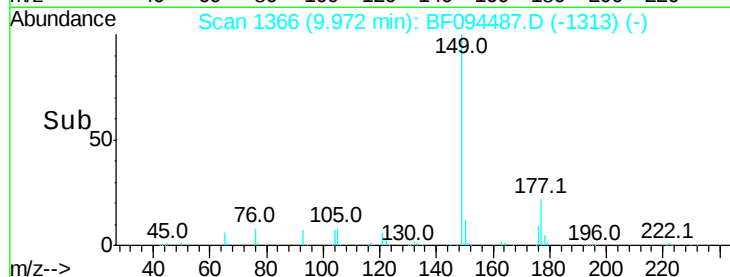
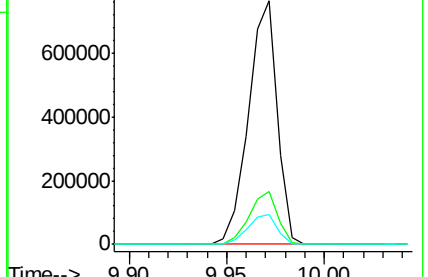
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.41 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

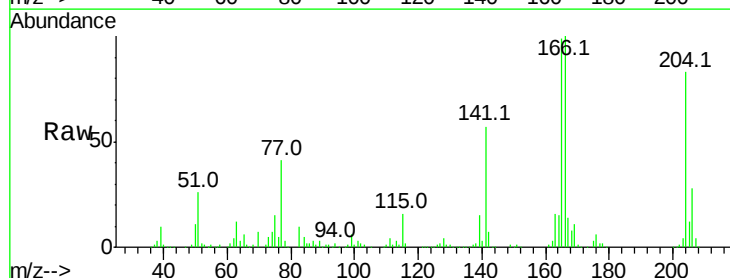
Tgt Ion:204 Resp: 305119

Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

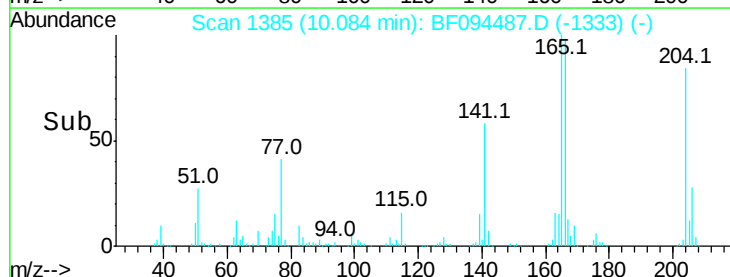
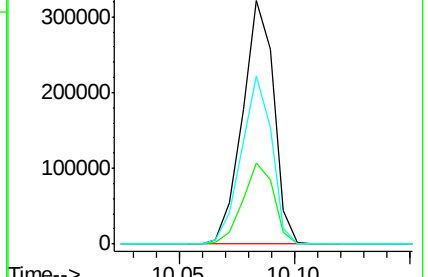
141 69.2 60.8 91.2

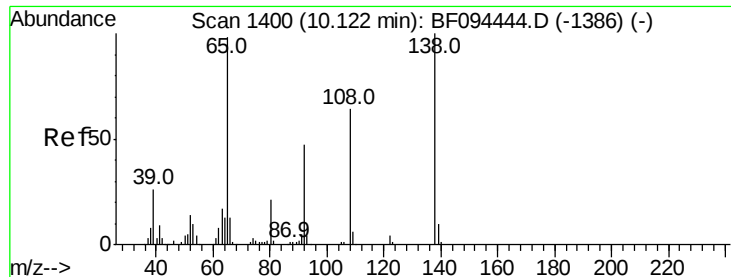


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.90 ng

RT: 10.13 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

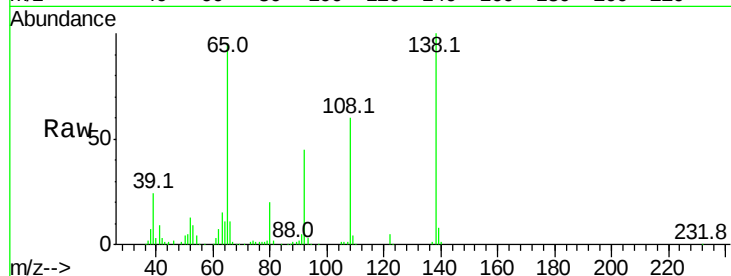
Tot Ion:138 Resp: 198220

Ion Ratio Lower Upper

138 100

92 45.5 21.8 61.8

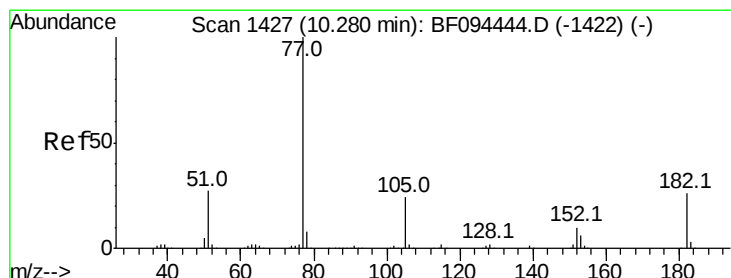
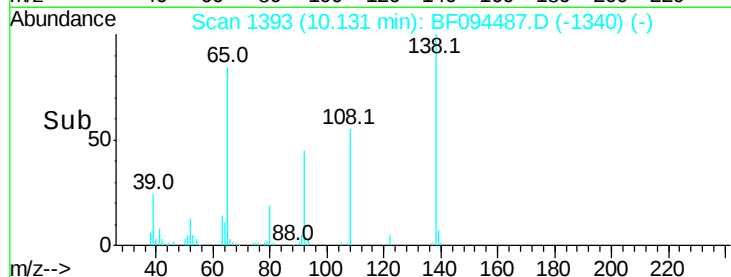
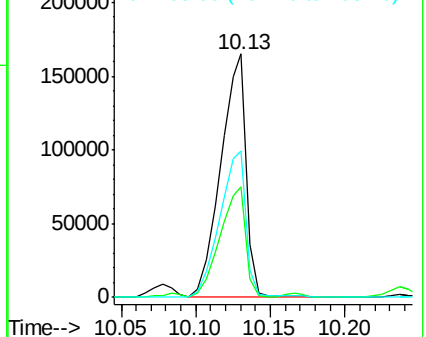
108 60.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.84 ng

RT: 10.28 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Tgt Ion: 77 Resp: 752666

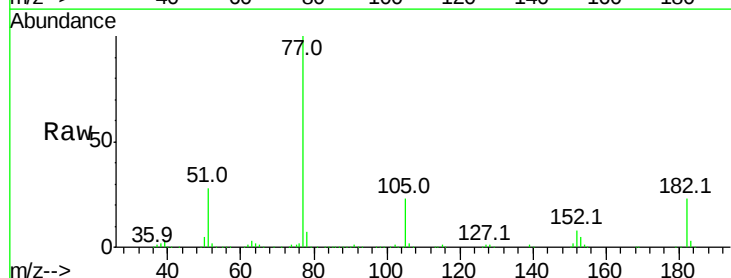
Ion Ratio Lower Upper

77 100

182 23.0 0.1 40.1

105 23.4 3.6 43.6

51 27.6 9.4 49.4

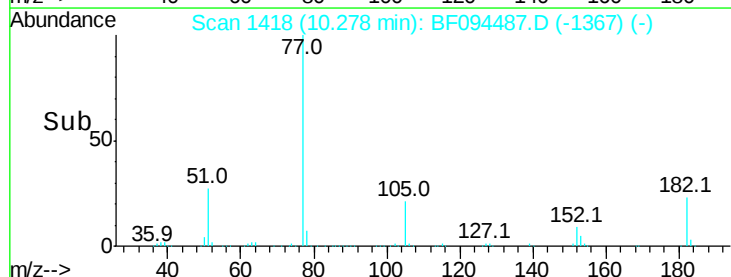
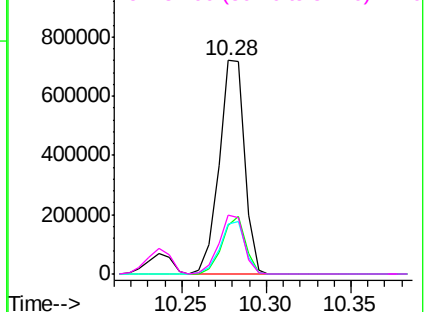


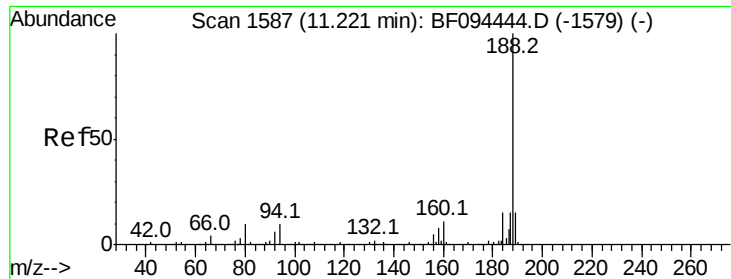
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

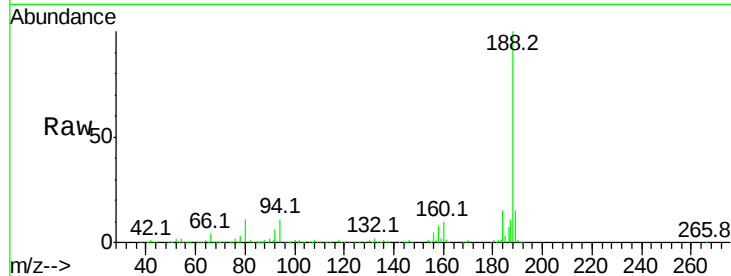




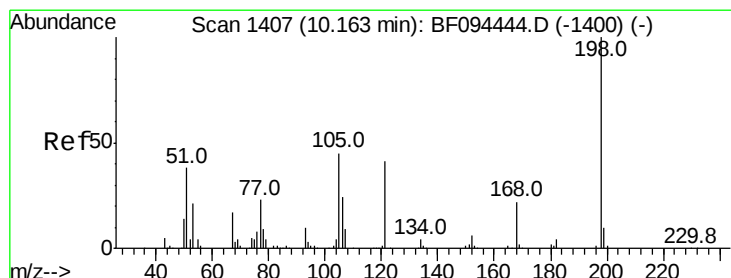
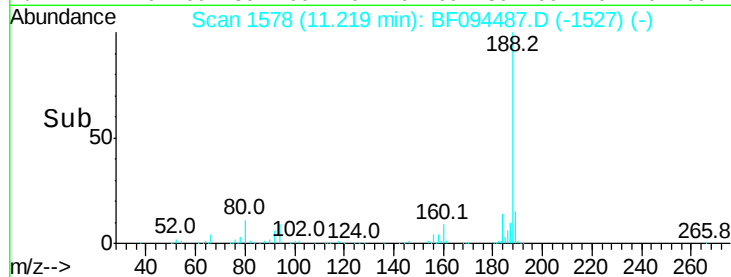
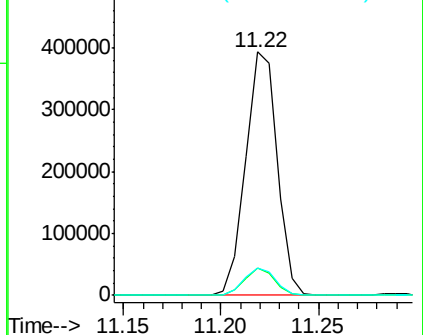
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 440877
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.4 10.2 15.2

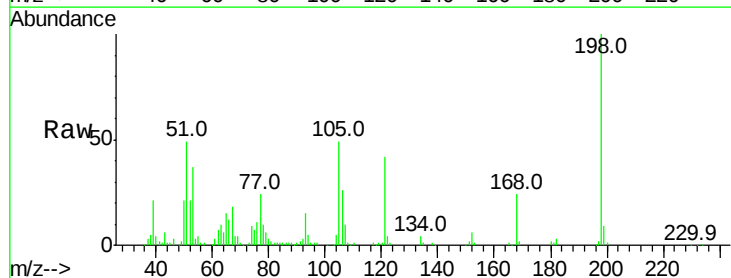


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

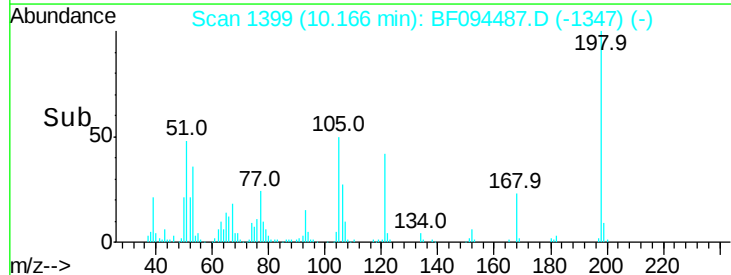
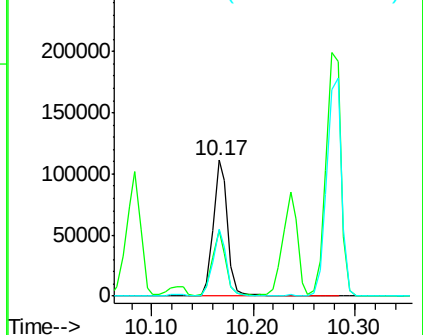


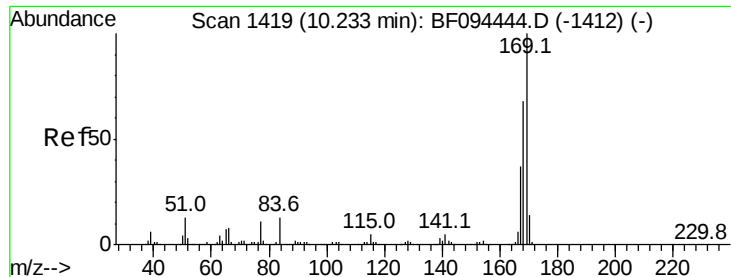
#64
4,6-Dinitro-2-methylphenol
Concen: 38.05 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Tgt Ion:198 Resp: 109924
Ion Ratio Lower Upper
198 100
51 48.7 53.2 93.2#
105 49.4 45.8 85.8



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

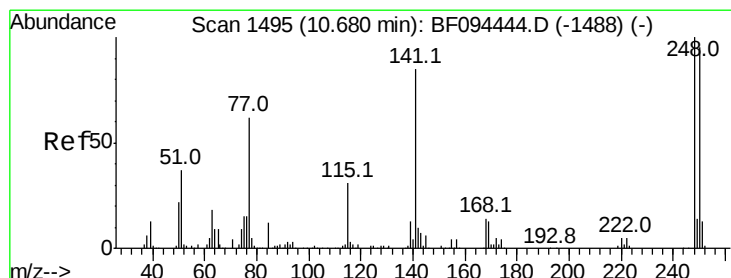
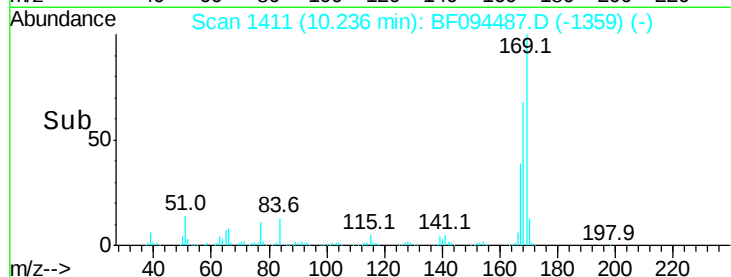
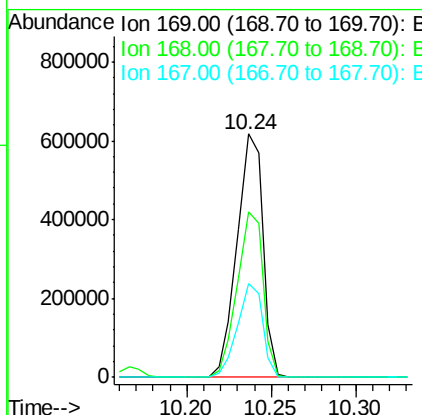
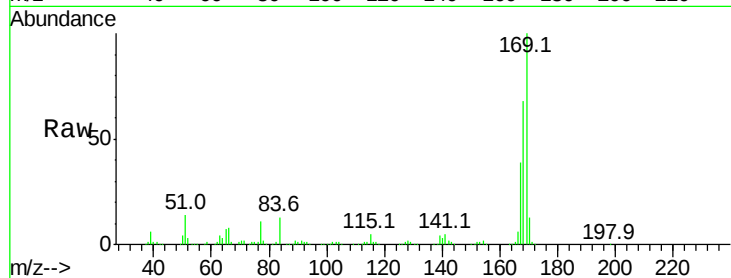




#65
n-Nitrosodiphenylamine
Concen: 43.11 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

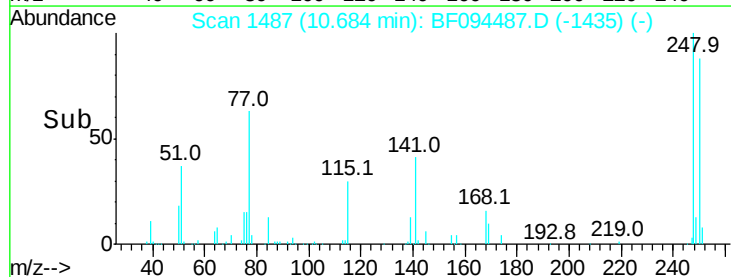
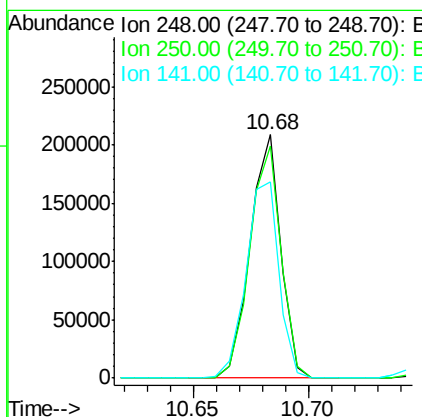
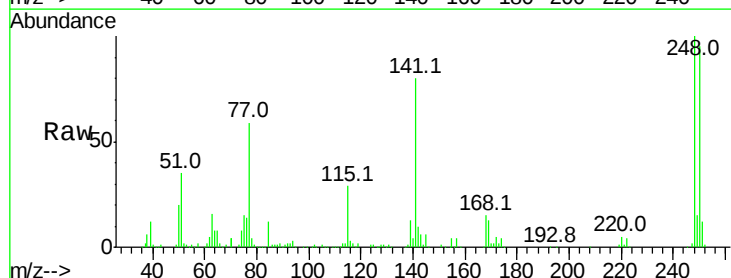
Instrument :
BNA_F
ClientSampleId :

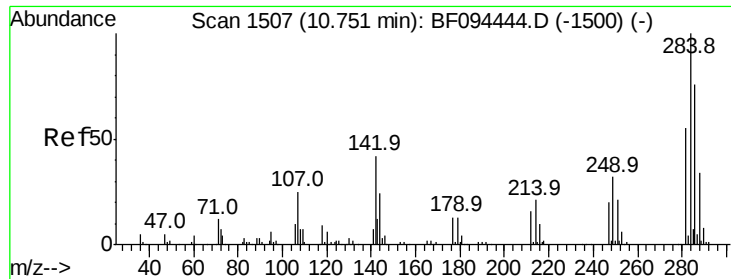
Tot Ion:169 Resp: 661049
Ion Ratio Lower Upper
169 100
168 68.1 53.2 79.8
167 38.8 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 44.20 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Tgt Ion:248 Resp: 193516
Ion Ratio Lower Upper
248 100
250 95.3 76.8 115.2
141 80.5 68.6 103.0

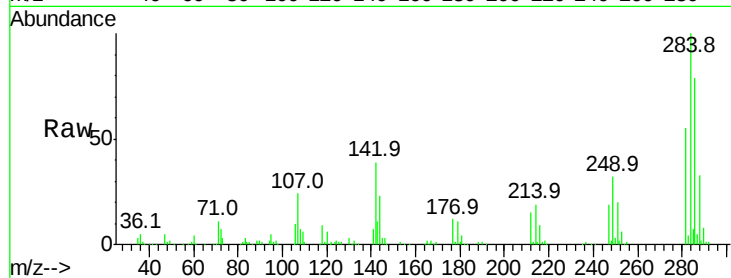




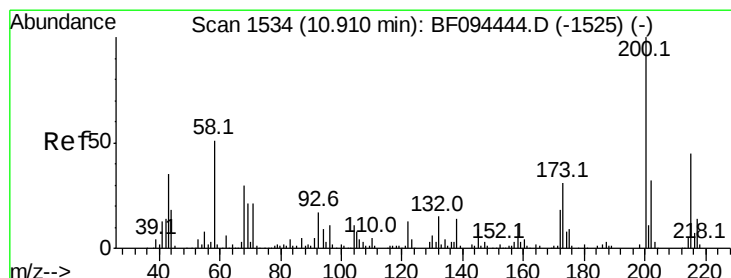
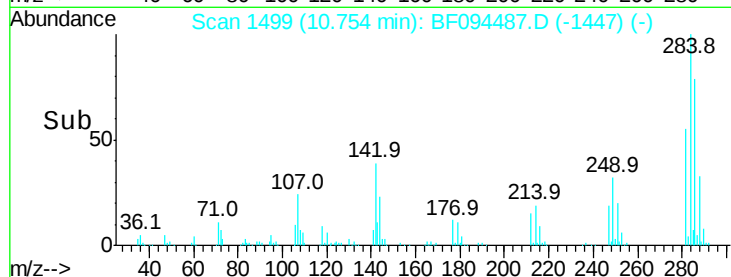
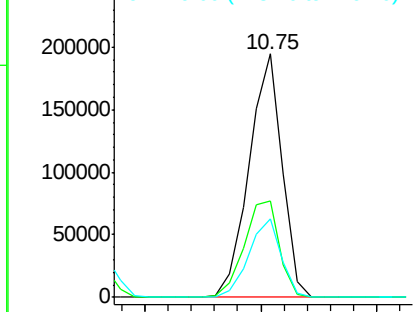
#67
Hexachlorobenzene
Concen: 43.92 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 193774
Ion Ratio Lower Upper
284 100
142 39.4 22.8 34.2#
249 32.0 24.0 36.0

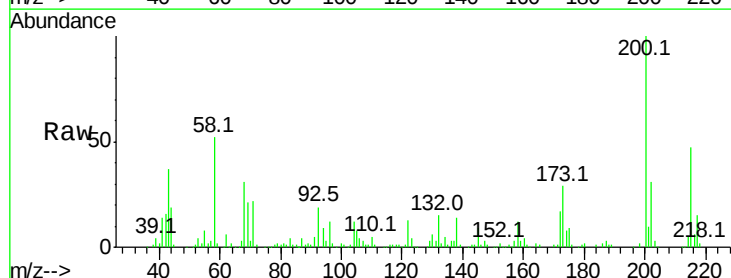


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

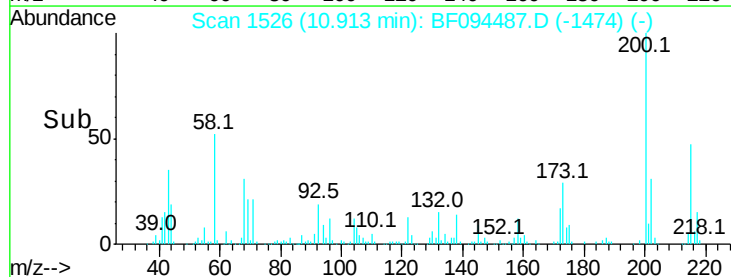
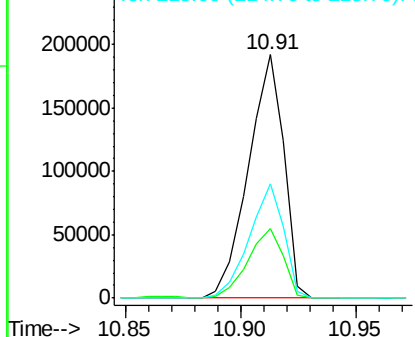


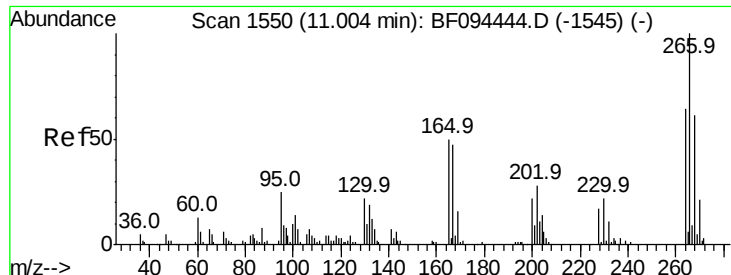
#68
Atrazine
Concen: 44.88 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Tgt Ion:200 Resp: 205882
Ion Ratio Lower Upper
200 100
173 28.8 6.3 46.3
215 47.1 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

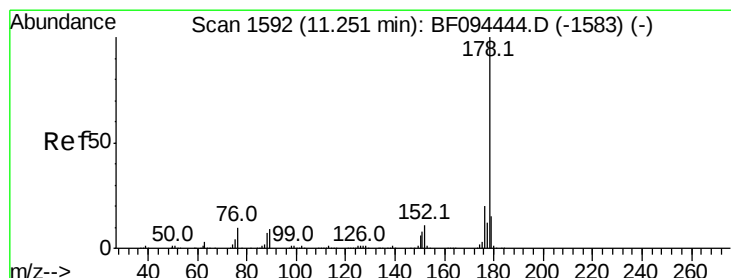
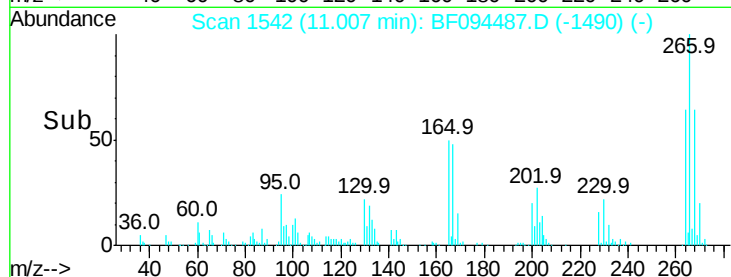
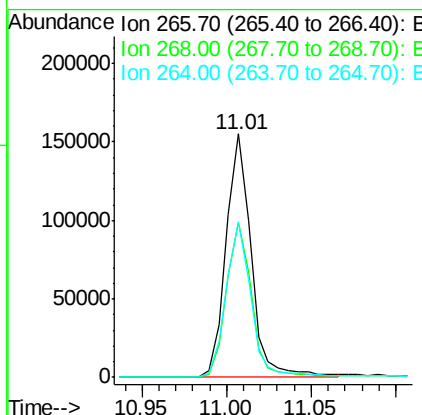
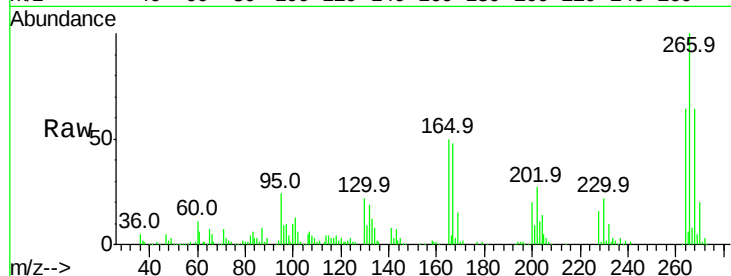




#69
 Pentachlorophenol
 Concen: 91.71 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

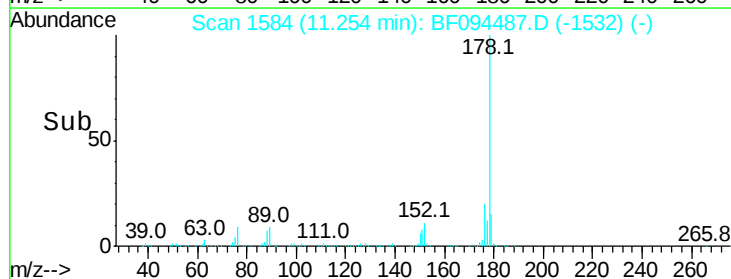
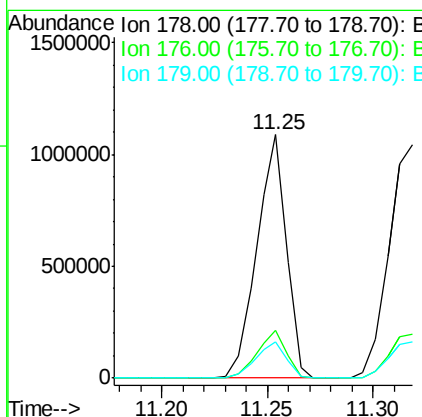
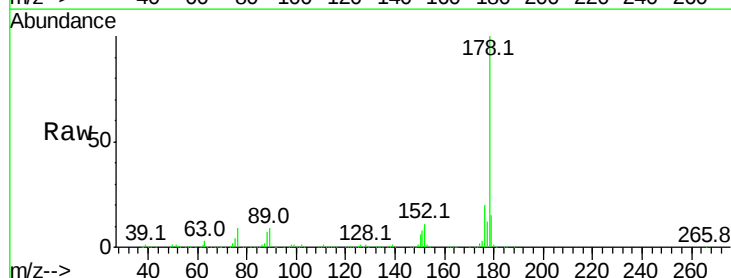
Instrument :
 BNA_F
 ClientSampleId :

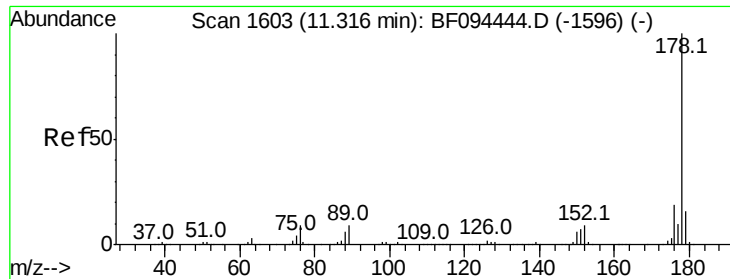
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.8	51.7	77.5



#70
 Phenanthrene
 Concen: 42.40 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.0	12.6	19.0





#71

Anthracene

Concen: 43.12 ng

RT: 11.32 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

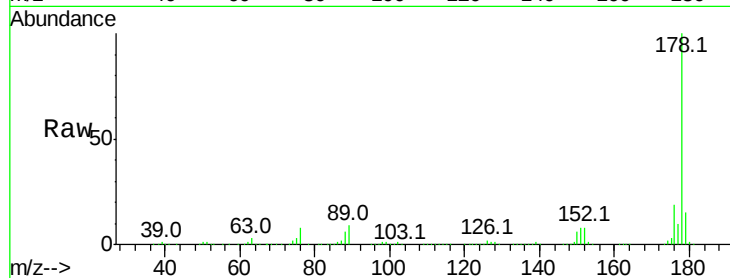
Tot Ion:178 Resp: 1107490

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

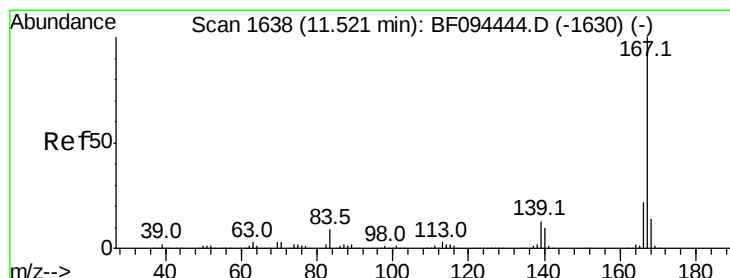
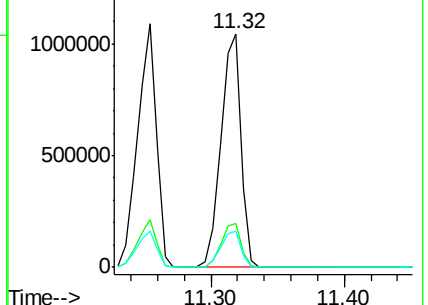
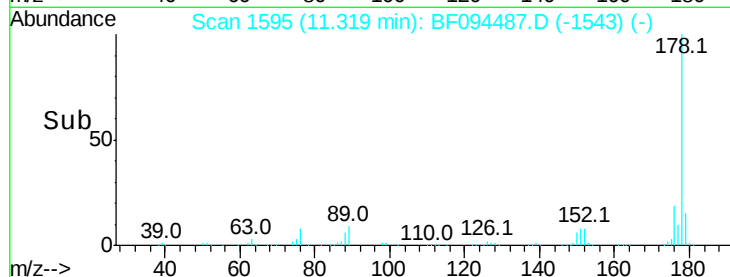
179 15.4 12.7 19.1



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



#72

Carbazole

Concen: 42.67 ng

RT: 11.52 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

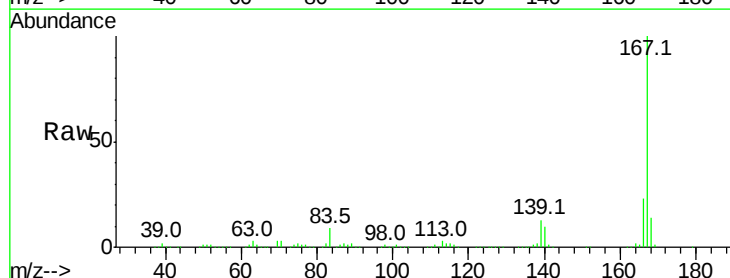
Tgt Ion:167 Resp: 1028595

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

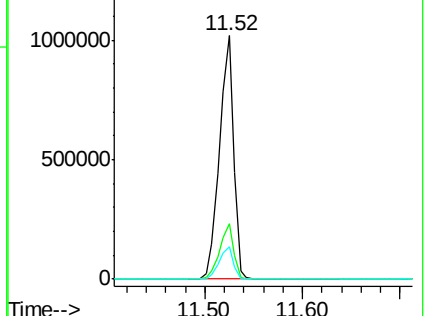
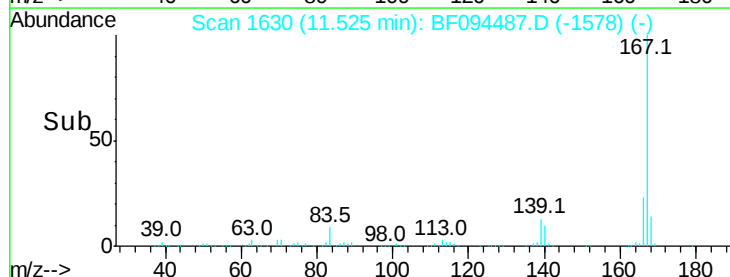
139 13.3 11.7 17.5

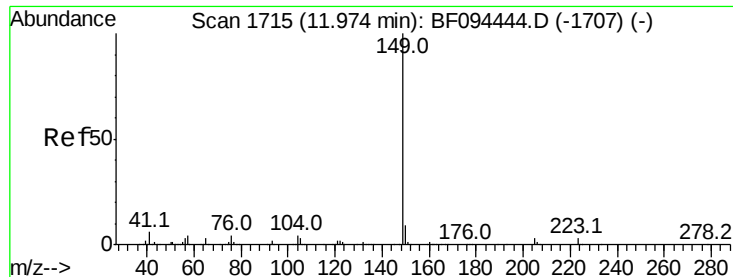


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.05 ng

RT: 11.98 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

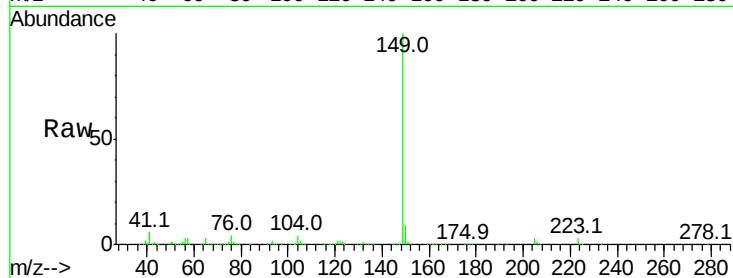
Tot Ion:149 Resp: 1248701

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

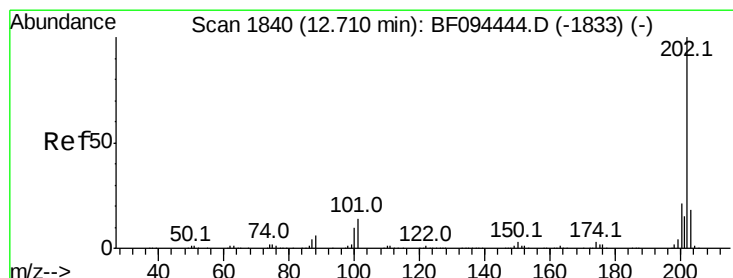
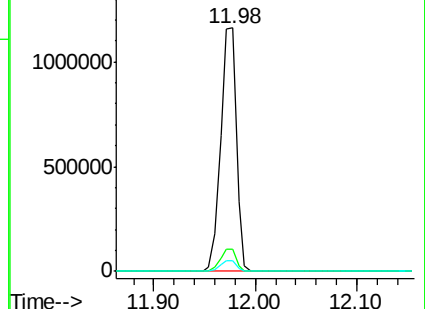
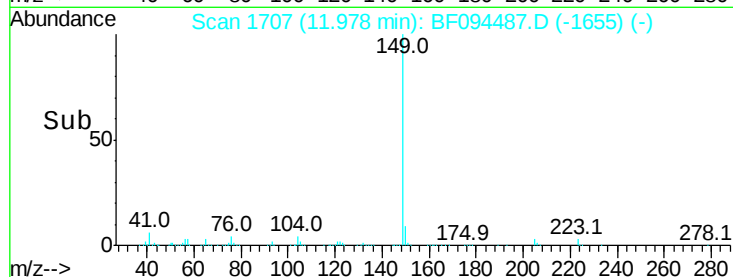
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.73 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

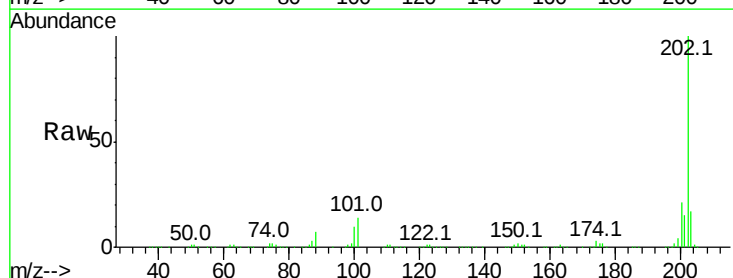
Tgt Ion:202 Resp: 1099402

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

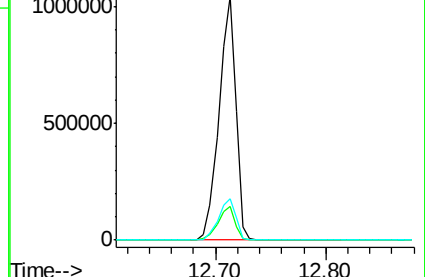
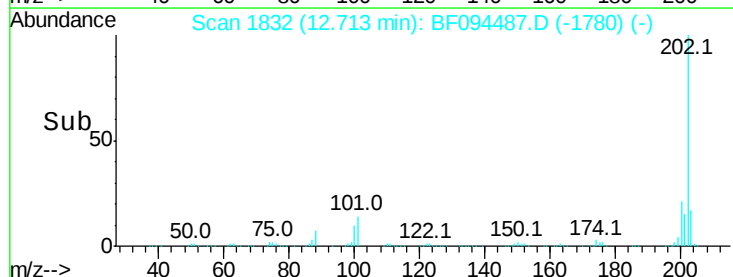
203 17.1 0.0 38.1

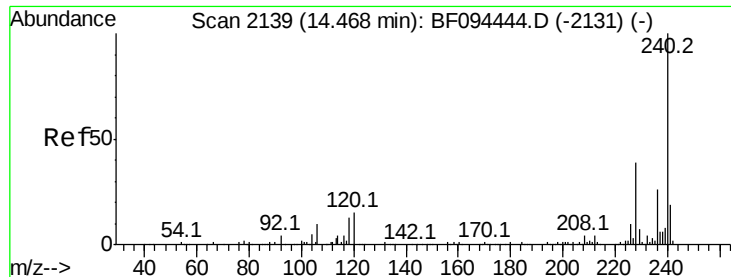


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

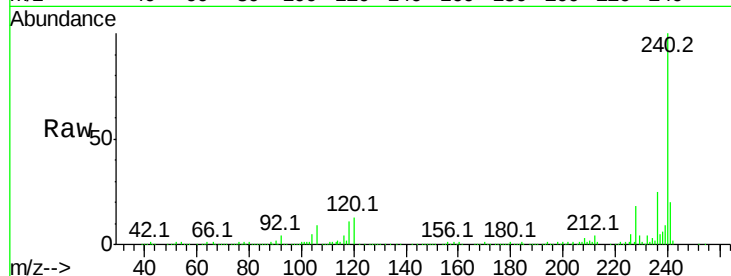
Tot Ion:240 Resp: 315958

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

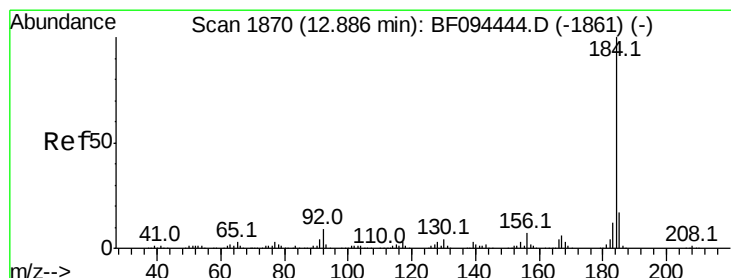
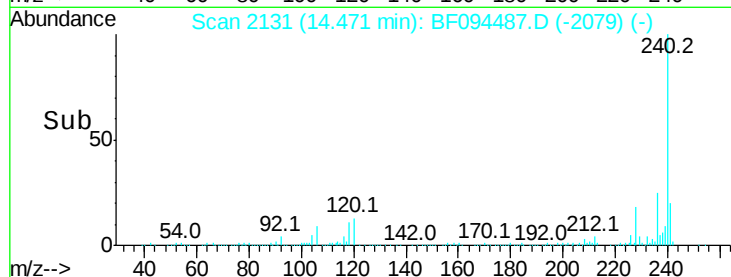
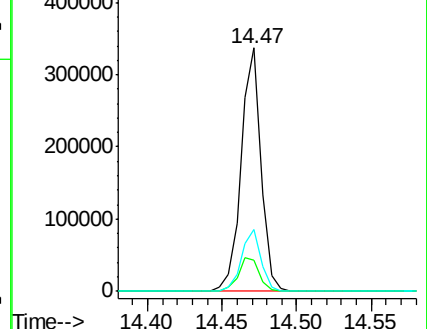
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.86 ng

RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

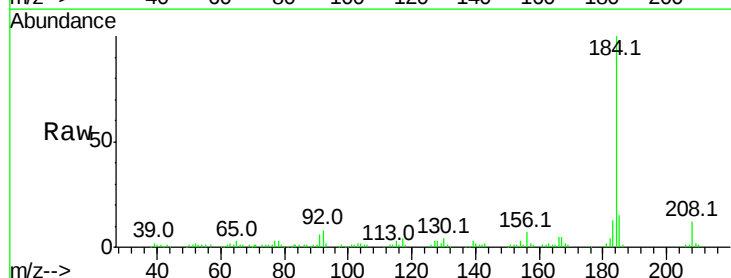
Tgt Ion:184 Resp: 126096

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

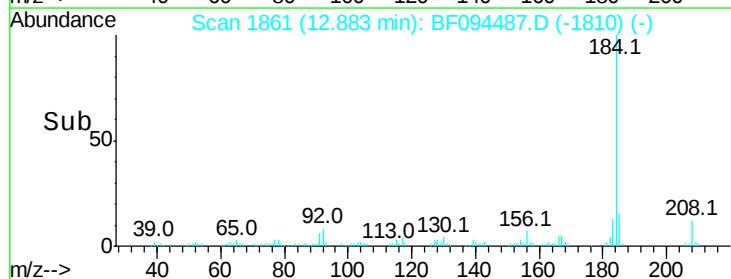
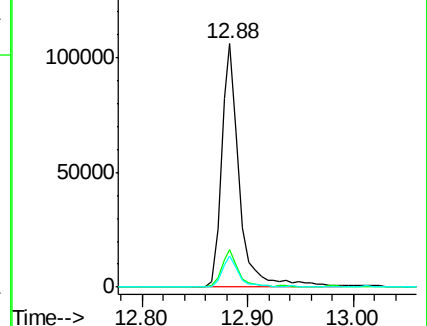
183 12.5 9.8 14.6

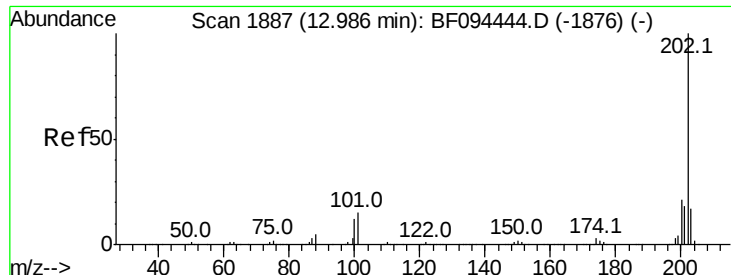


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

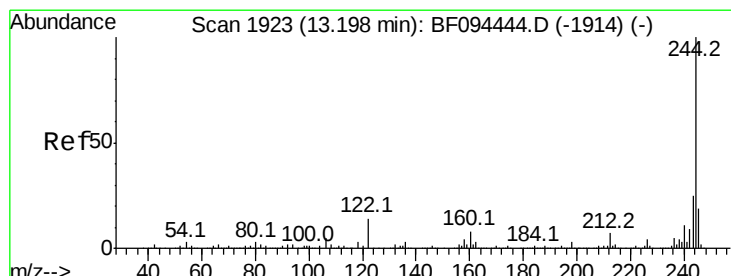
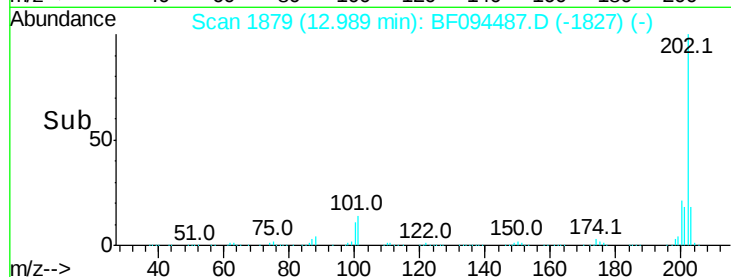
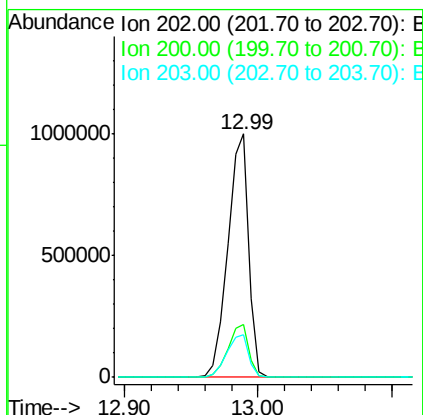
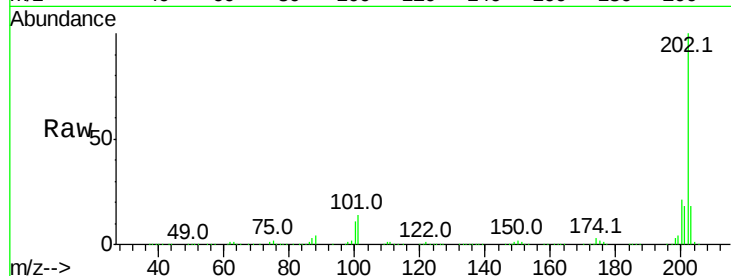




#77
 Pvrene
 Concen: 49.63 ng
 RT: 12.99 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

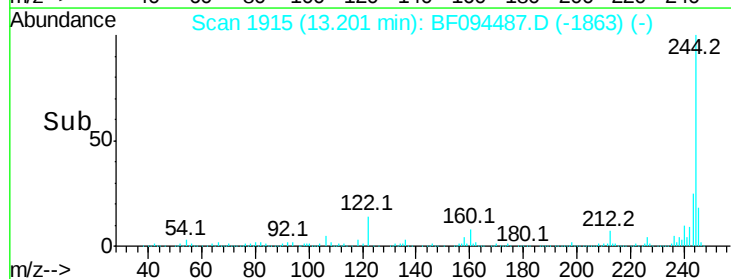
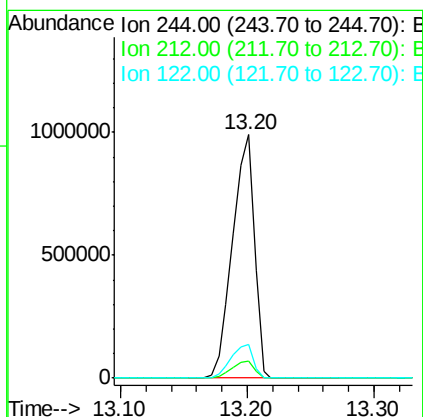
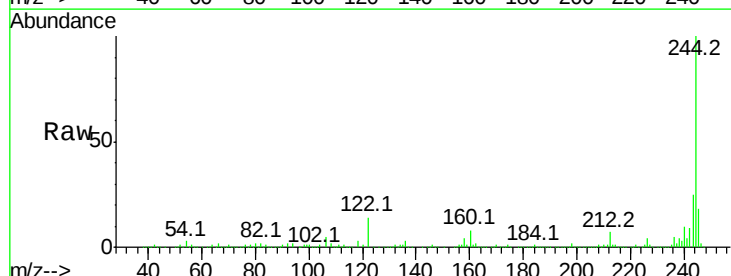
Instrument :
 BNA_F
 ClientSampleId :

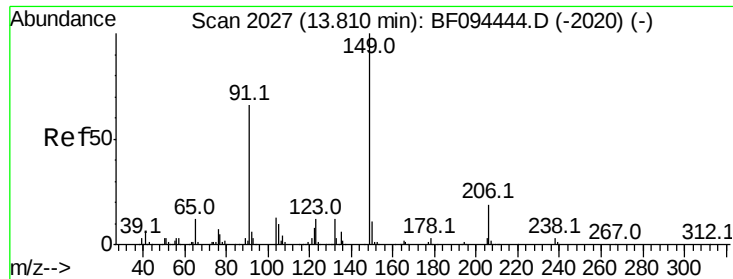
Tot Ion:202 Resp: 1095581
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.6 26.4
 203 17.7 14.4 21.6



#78
 Terphenyl-d14
 Concen: 99.53 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion:244 Resp: 1176467
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.7 10.3 15.5

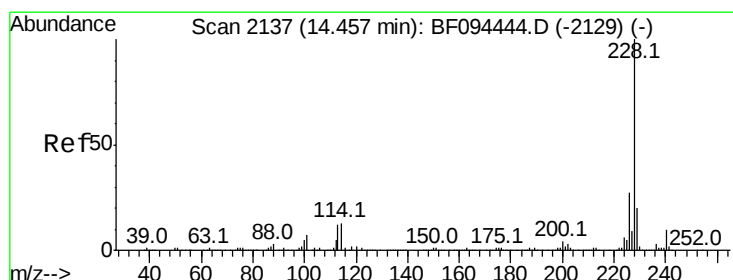
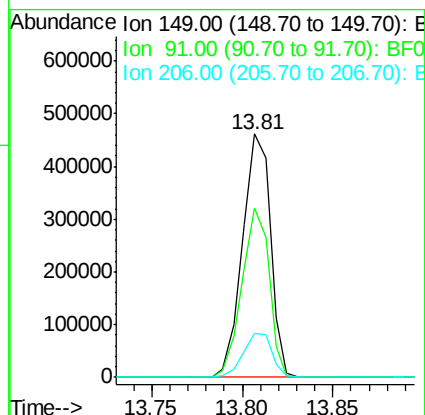
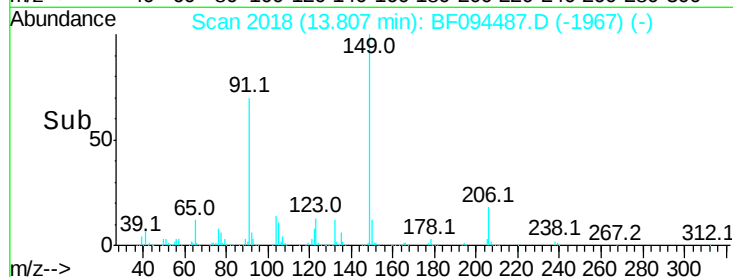
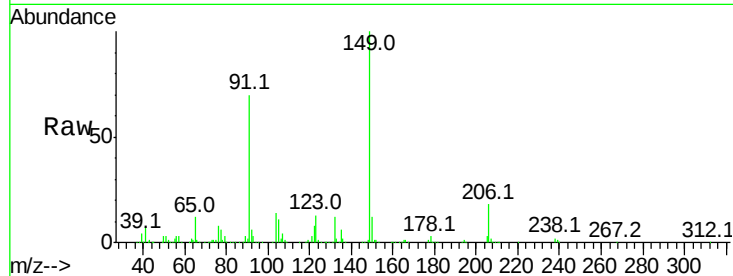




#79
Butylbenzylphthalate
Concen: 51.43 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

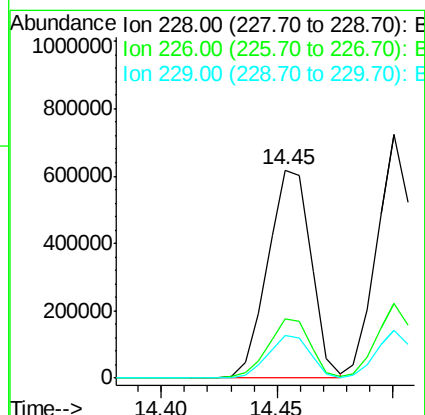
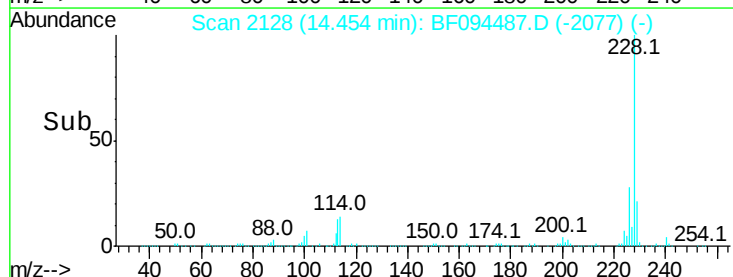
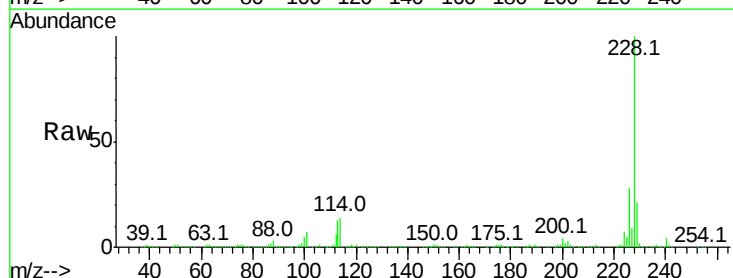
Instrument :
BNA_F
ClientSampleId :

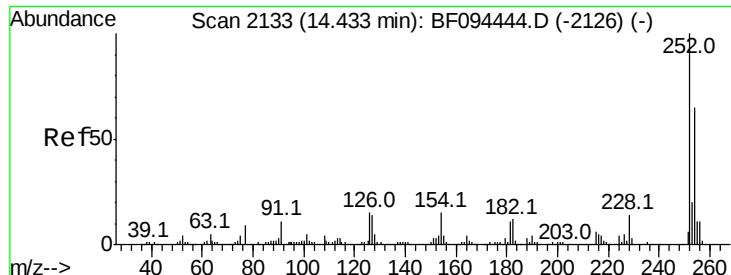
Tot Ion:149 Resp: 497578
Ion Ratio Lower Upper
149 100
91 69.8 45.0 67.4#
206 18.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 43.87 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094487.D
Acq: 18 Apr 2017 15:18

Tgt Ion:228 Resp: 805637
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.6 16.3 24.5

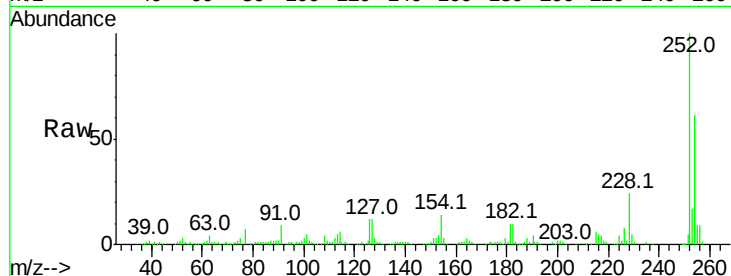




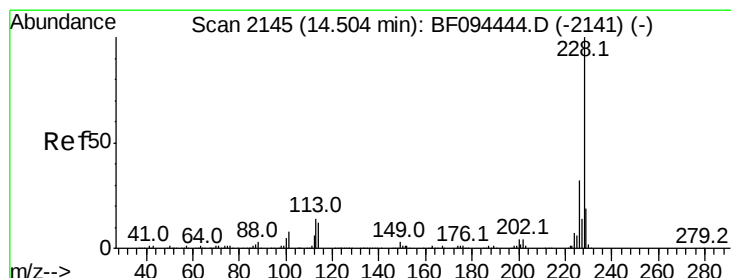
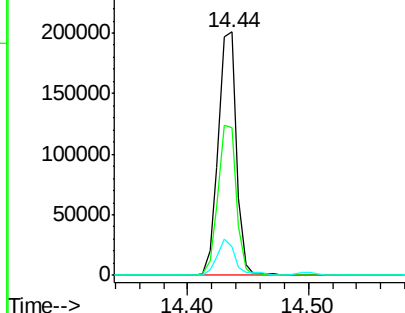
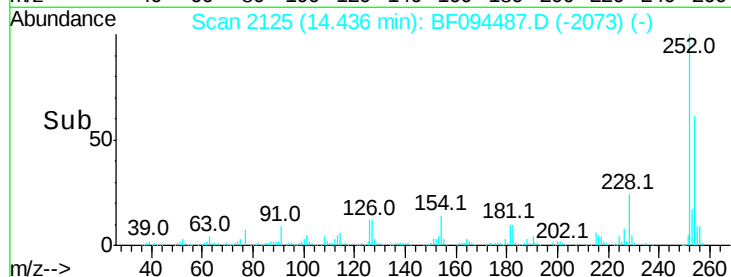
#81
 3,3'-Dichlorobenzidine
 Concen: 32.06 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.9	51.5	77.3
126	11.6	15.8	23.8#

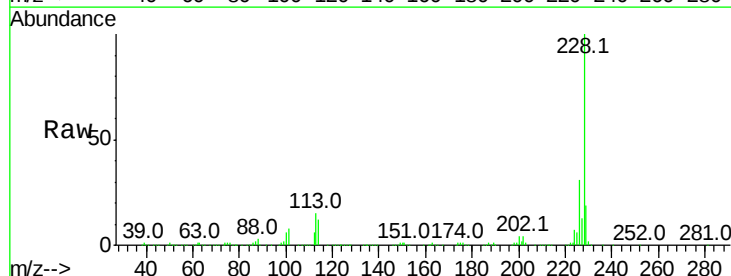


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

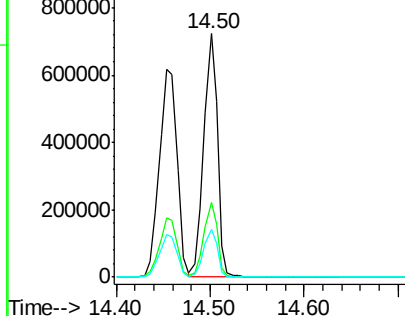
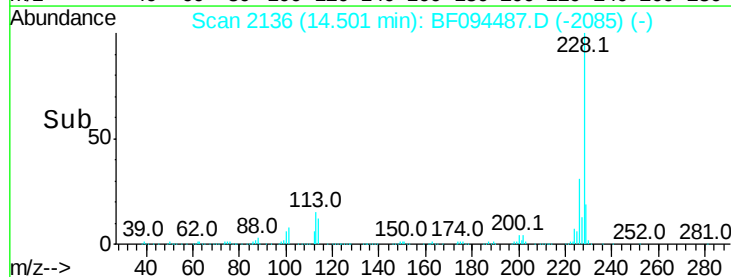


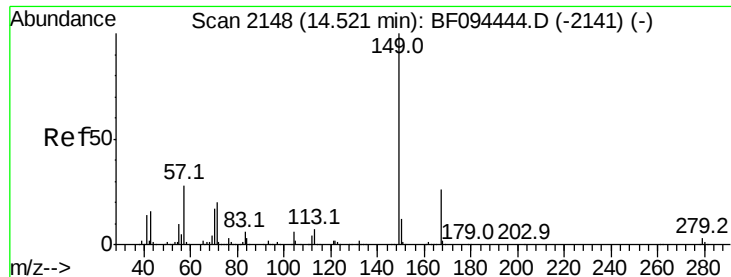
#82
 Chrysene
 Concen: 44.17 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.4	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: 52.13 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

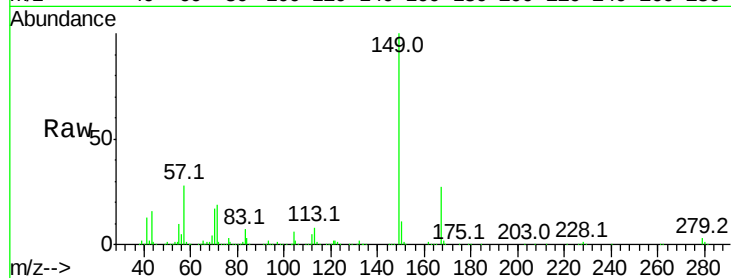
Tot Ion:149 Resp: 677081

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

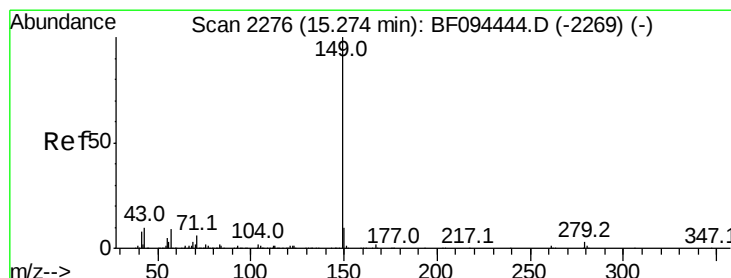
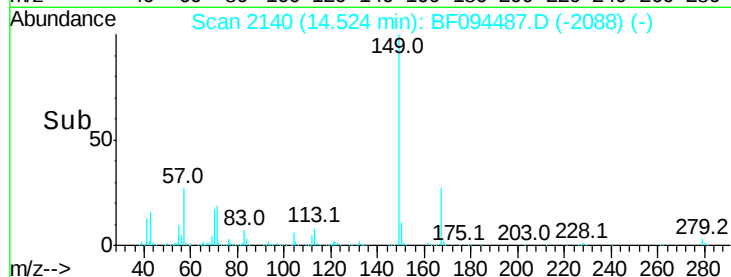
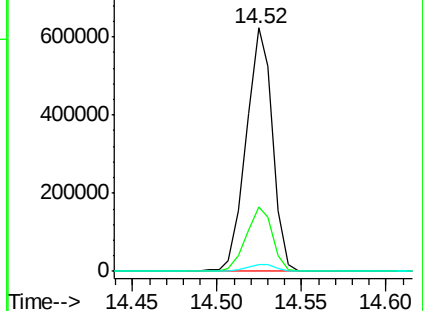
279 3.0 1.9 2.9#



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: 44.46 ng

RT: 15.28 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

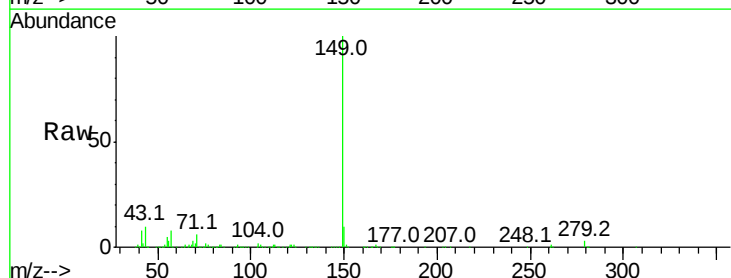
Tgt Ion:149 Resp: 968655

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

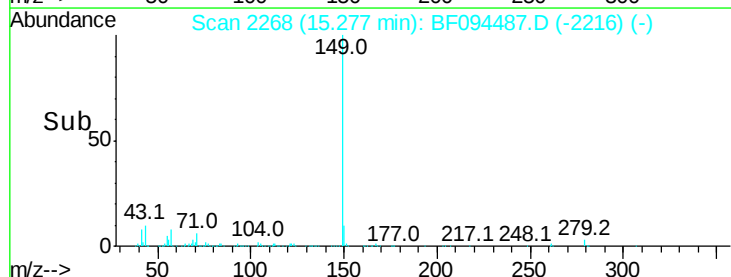
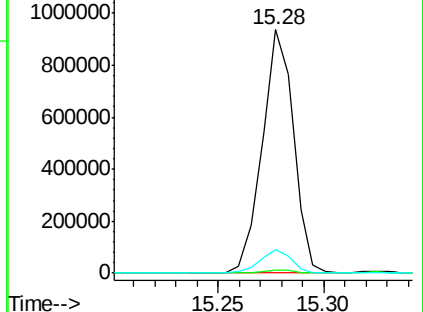
43 9.4 8.5 12.7

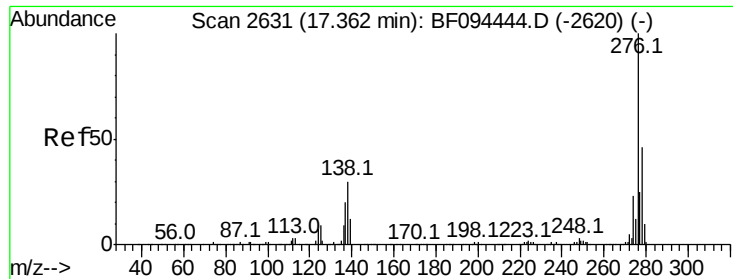


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

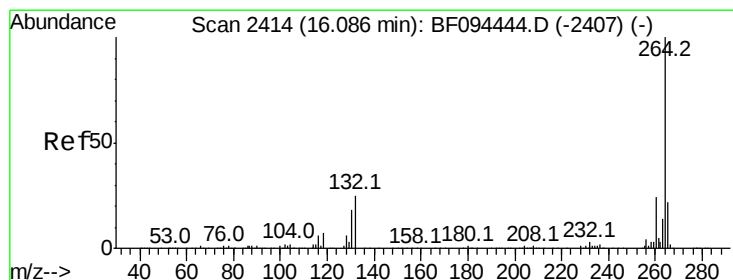
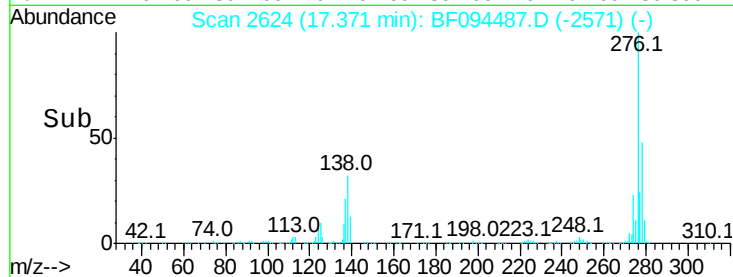
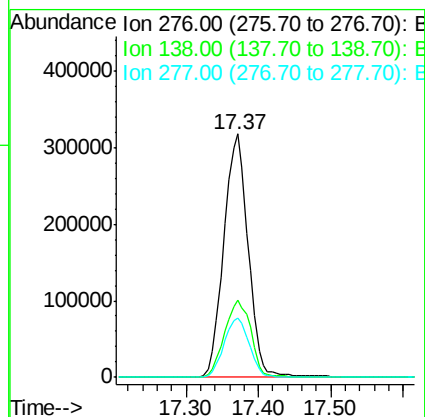
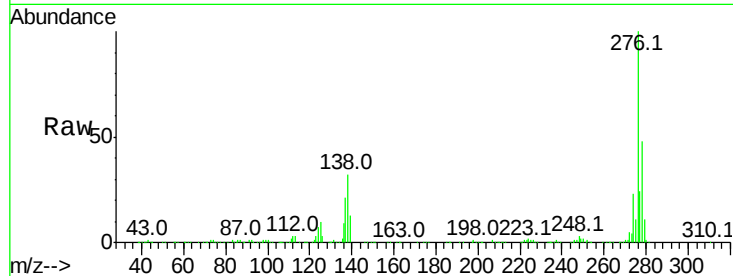




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.67 ng
 RT: 17.37 min Scan# 2624
 Delta R.T. 0.01 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

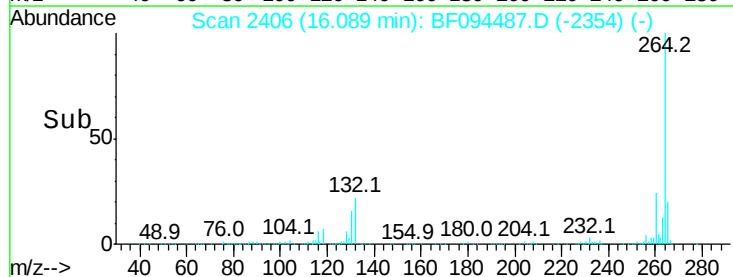
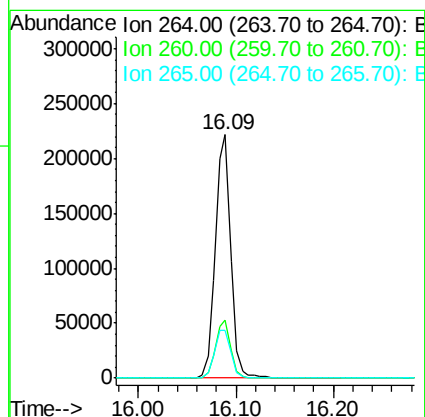
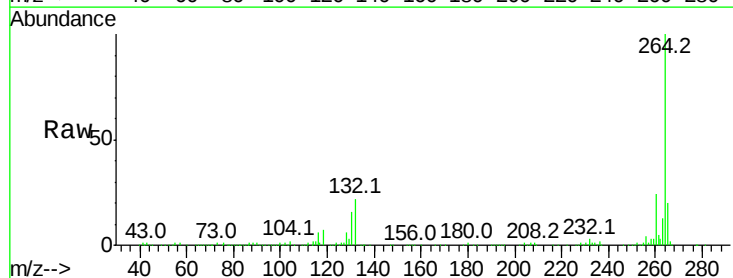
Instrument :
 BNA_F
 ClientSampleId :

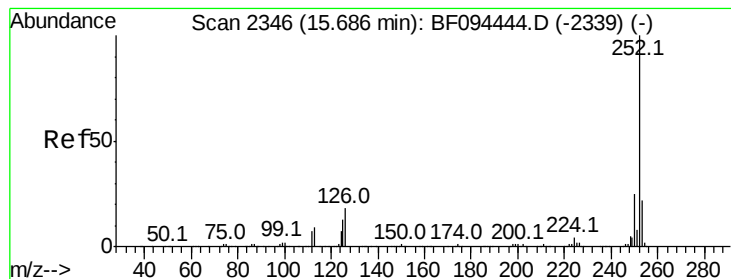
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094487.D
 Acq: 18 Apr 2017 15:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	19.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.49 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

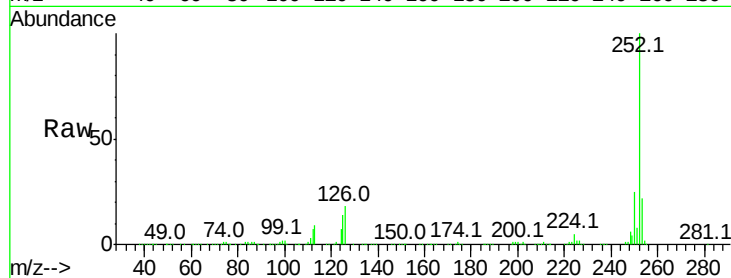
Tot Ion:252 Resp: 671815

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

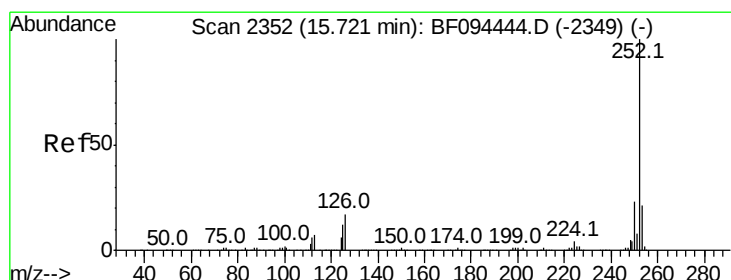
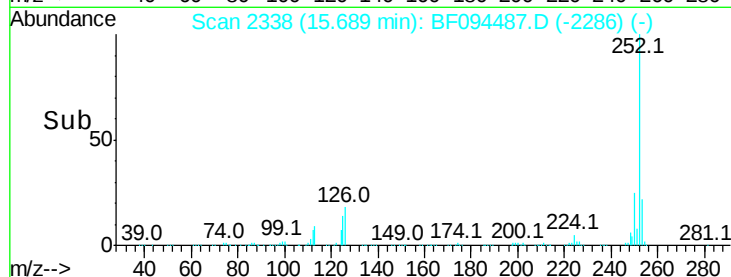
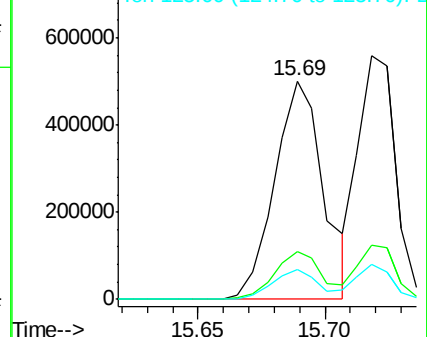
125 13.7 9.8 14.8



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: 41.83 ng

RT: 15.72 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

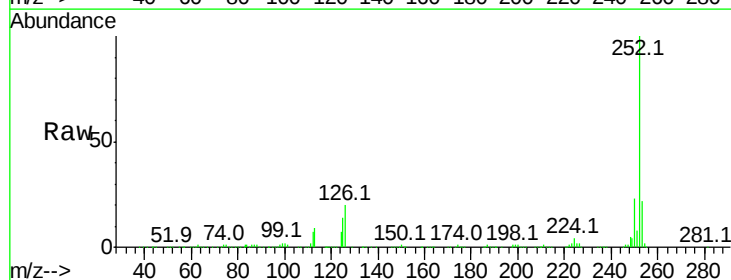
Tgt Ion:252 Resp: 584571

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

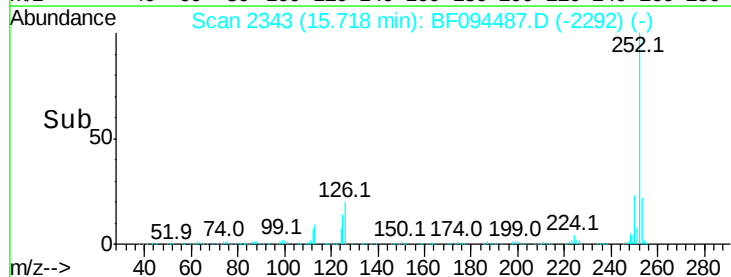
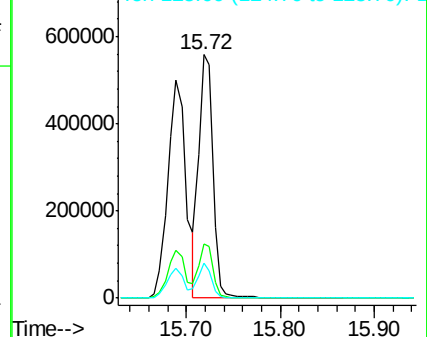
125 14.3 13.1 19.7

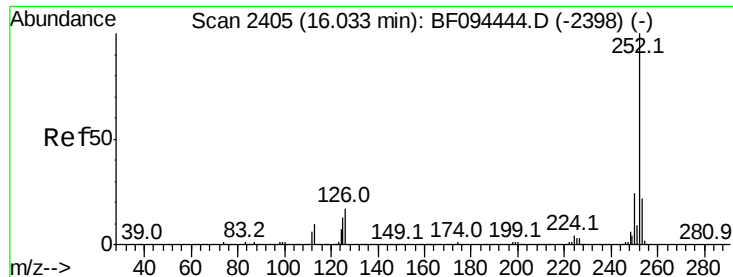


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.12 ng

RT: 16.04 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

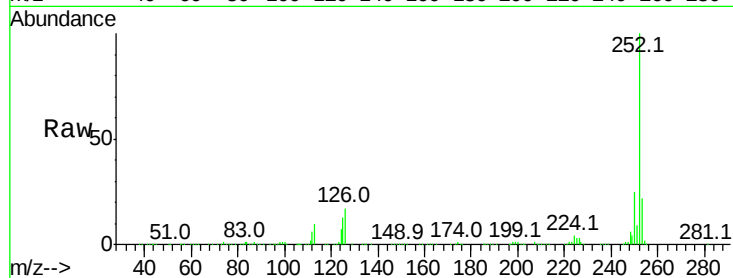
Tot Ion:252 Resp: 592422

Ion Ratio Lower Upper

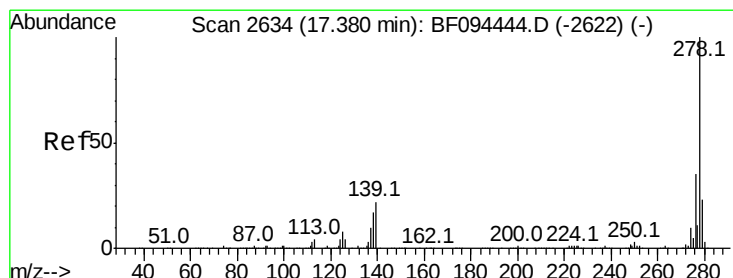
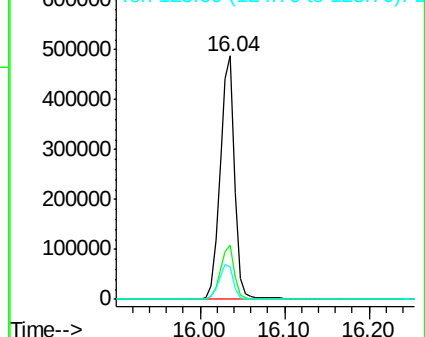
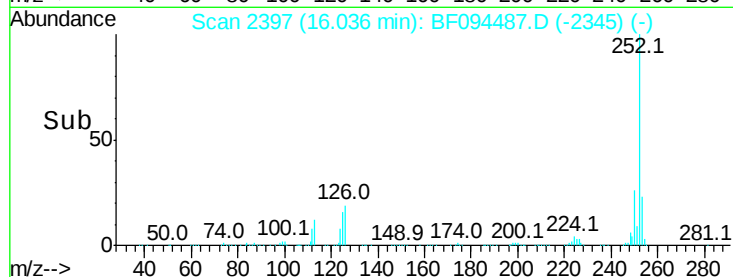
252 100

253 22.4 17.5 26.3

125 13.3 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 53.58 ng

RT: 17.39 min Scan# 2627

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

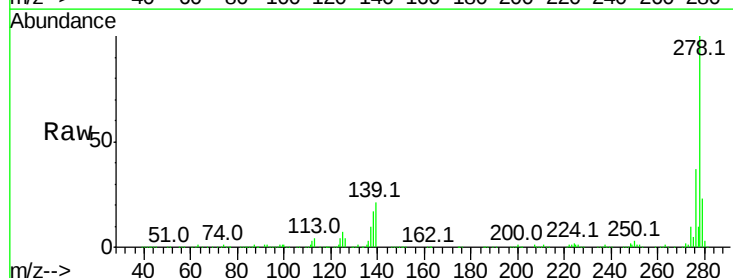
Tgt Ion:278 Resp: 611175

Ion Ratio Lower Upper

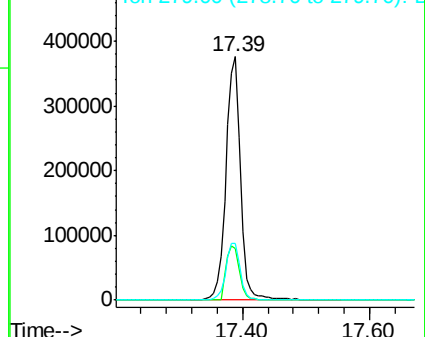
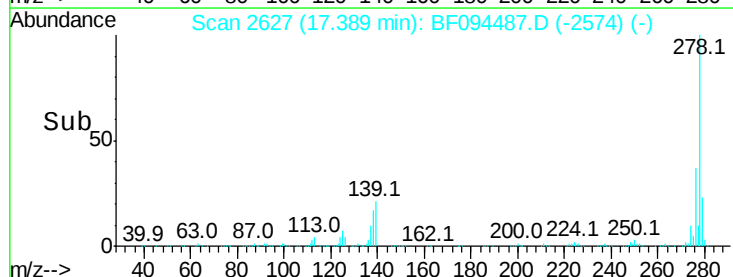
278 100

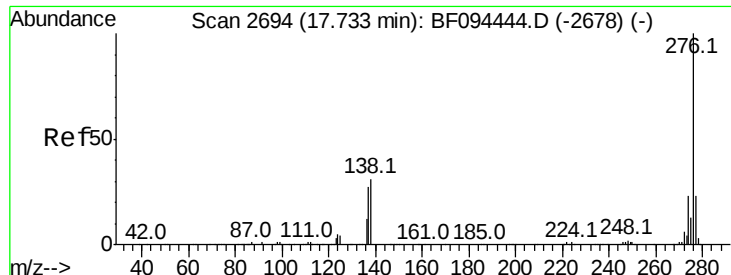
139 21.2 16.6 24.8

279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 55.02 ng

RT: 17.75 min Scan# 2688

Delta R.T. 0.01 min

Lab File: BF094487.D

Acq: 18 Apr 2017 15:18

Instrument :

BNA_F

ClientSampleId :

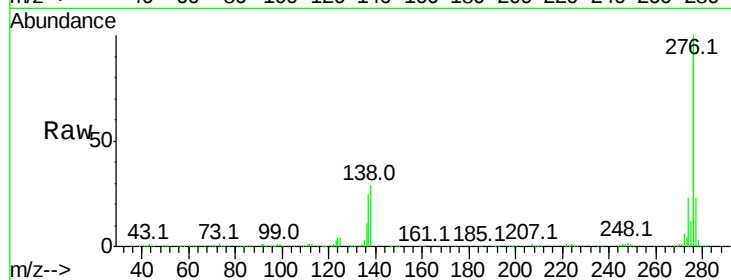
Tot Ion:276 Resp: 639011

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 29.2 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

