

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094488.D
 Acq On : 18 Apr 2017 15:55
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:12:03 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	113432	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	501469	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	228020	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	400570	20.00	ng	0.00
75) Chrysene-d12	14.47	240	386277	20.00	ng	0.00
86) Perylene-d12	16.09	264	340495	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	608008	88.93	ng	0.01
7) Phenol-d6	5.40	99	650954	80.76	ng	0.00
23) Nitrobenzene-d5	6.42	82	610699	75.20	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	153368	85.99	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1158061	74.73	ng	0.00
78) Terphenyl-d14	13.20	244	1089150	75.37	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	176441	44.37	ng	95
3) Pyridine	2.61	79	380198	43.75	ng	99
4) n-Nitrosodimethylamine	2.56	42	147109	40.91	ng	85
6) Aniline	5.40	93	428122	39.97	ng	90
8) 2-Chlorophenol	5.54	128	320870	41.24	ng	96
9) Benzaldehyde	5.27	77	241011	39.31	ng	99
10) Phenol	5.41	94	397285	40.12	ng	95
11) bis(2-Chloroethyl)ether	5.48	93	297061	41.07	ng	97
12) 1,3-Dichlorobenzene	5.71	146	354399	41.12	ng	97
13) 1,4-Dichlorobenzene	5.79	146	359548	41.46	ng	95
14) 1,2-Dichlorobenzene	5.97	146	335115	41.95	ng	96
15) Benzyl Alcohol	5.95	79	246771	41.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	401573	42.34	ng	76
17) 2-Methylphenol	6.10	107	252944	41.28	ng	94
18) Hexachloroethane	6.35	117	125595	42.25	ng	# 84
19) n-Nitroso-di-n-propylamine	6.26	70	225434	42.21	ng	97
20) 3+4-Methylphenols	6.28	107	348196	41.82	ng	# 62
22) Acetophenone	6.25	105	450579	36.95	ng	# 86
24) Nitrobenzene	6.44	77	322960	37.76	ng	95
25) Isophorone	6.74	82	582298	38.68	ng	95
26) 2-Nitrophenol	6.82	139	178521	38.85	ng	99
27) 2,4-Dimethylphenol	6.90	122	291381	39.04	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	381626	39.19	ng	100
29) 2,4-Dichlorophenol	7.12	162	285799	41.16	ng	98
30) 1,2,4-Trichlorobenzene	7.21	180	283660	39.52	ng	99
31) Naphthalene	7.30	128	960646	39.85	ng	100
32) Benzoic acid	7.07	122	165117	41.84	ng	97
33) 4-Chloroaniline	7.37	127	408662	40.75	ng	95
34) Hexachlorobutadiene	7.45	225	145000	40.52	ng	98
35) Caprolactam	7.82	113	75971	34.83	ng	88
36) 4-Chloro-3-methylphenol	7.99	107	276330	37.98	ng	88
37) 2-Methylnaphthalene	8.14	142	665940	40.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	258393	39.80	ng	100
40) Hexachlorocyclopentadiene	8.33	237	117387	44.69	ng	98

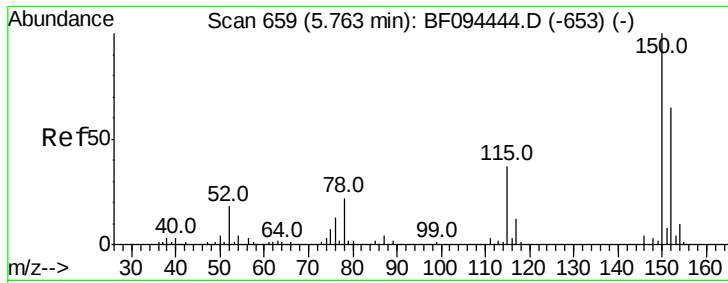
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094488.D
 Acq On : 18 Apr 2017 15:55
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:12:03 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)
42) 2,4,6-Trichlorophenol	8.49	196	177599	38.95	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	181136	38.68	nq	# 92
45) 1,1'-Biphenyl	8.71	154	744642	39.97	nq	97
46) 2-Chloronaphthalene	8.72	162	595727	40.22	nq	94
47) 2-Nitroaniline	8.86	65	176263	41.36	nq	# 84
48) Acenaphthylene	9.23	152	899781	38.96	nq	98
49) Dimethylphthalate	9.10	163	707573	41.64	nq	99
50) 2,6-Dinitrotoluene	9.17	165	157498	41.29	nq	# 88
51) Acenaphthene	9.44	154	542414	39.22	nq	99
52) 3-Nitroaniline	9.37	138	179413	40.66	nq	93
53) 2,4-Dinitrophenol	9.51	184	77958	40.71	nq	# 70
54) Dibenzofuran	9.65	168	815498	40.57	nq	99
55) 4-Nitrophenol	9.62	139	125133	40.14	nq	# 78
56) 2,4-Dinitrotoluene	9.67	165	202036	43.17	nq	95
57) Fluorene	10.08	166	643502	41.11	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	144366	43.01	nq	97
59) Diethylphthalate	9.97	149	689782	43.02	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	281061	43.14	nq	93
61) 4-Nitroaniline	10.12	138	168112	37.47	nq	99
62) Azobenzene	10.28	77	658516	42.30	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	116553	44.41	nq	# 71
65) n-Nitrosodiphenylamine	10.24	169	583764	41.90	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	170231	42.80	nq	97
67) Hexachlorobenzene	10.75	284	162051	40.43	nq	# 91
68) Atrazine	10.91	200	176928	42.45	nq	97
69) Pentachlorophenol	11.01	266	73960	46.47	nq	98
70) Phenanthrene	11.25	178	904644	40.10	nq	99
71) Anthracene	11.31	178	939381	40.26	nq	99
72) Carbazole	11.52	167	892892	40.77	nq	98
73) Di-n-butylphthalate	11.97	149	1064602	44.15	nq	99
74) Fluoranthene	12.71	202	976349	41.76	nq	99
76) Benzidine	12.89	184	570597	36.48	nq	96
77) Pyrene	12.99	202	1006395	37.29	nq	99
79) Butylbenzylphthalate	13.81	149	488422	41.30	nq	88
80) Benzo(a)anthracene	14.46	228	907498	40.42	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	327855	41.25	nq	# 96
82) Chrysene	14.51	228	842472	41.06	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	724576	45.63	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1194594	44.85	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	748812	38.35	nq	100
87) Benzo(b)fluoranthene	15.69	252	853235	40.96	nq	98
88) Benzo(k)fluoranthene	15.72	252	796173	40.39	nq	96
89) Benzo(a)pyrene	16.04	252	779318	40.22	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	622413	38.68	nq	98
91) Benzo(g,h,i)perylene	17.74	276	590540	36.05	nq	97

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

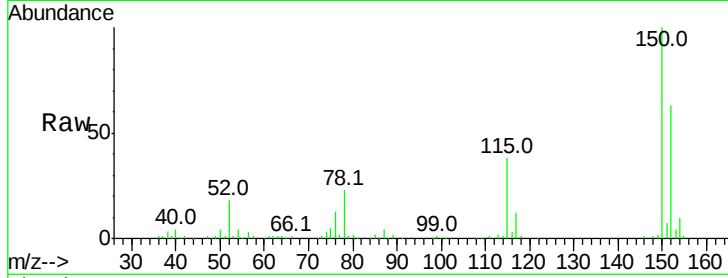


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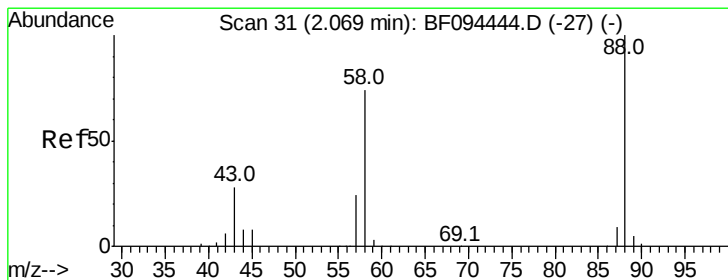
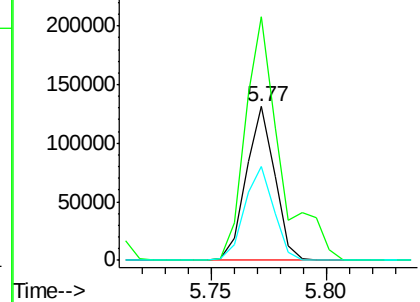
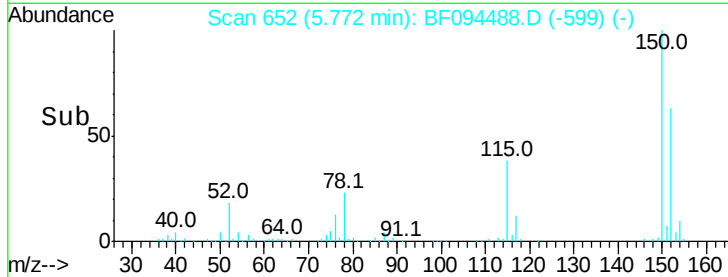
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113432
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 61.0 52.2 78.2



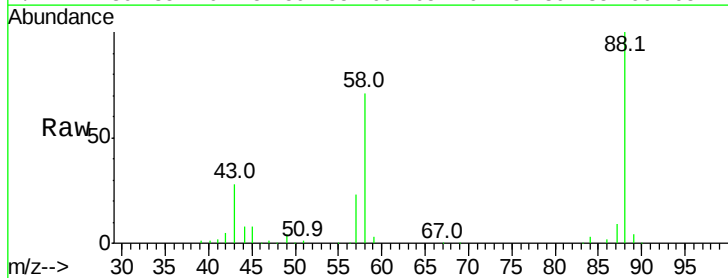
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



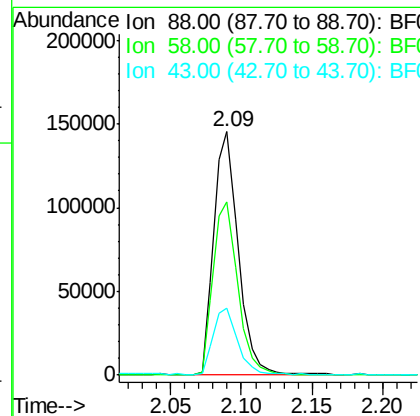
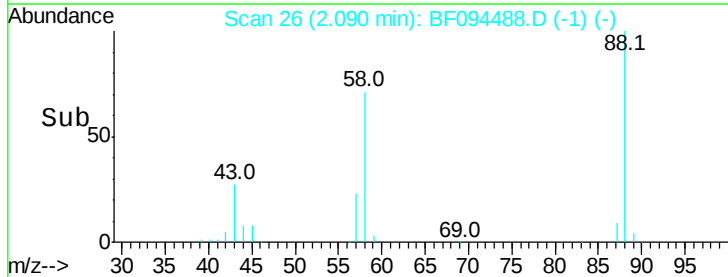
#2

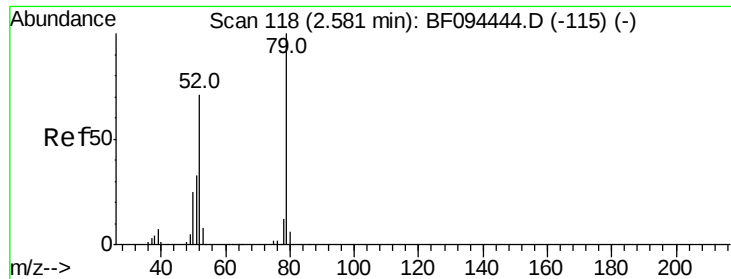
1,4-Dioxane
Concen: 44.37 ng
RT: 2.09 min Scan# 26
Delta R.T. 0.02 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion: 88 Resp: 176441
Ion Ratio Lower Upper
88 100
58 71.7 61.4 92.0
43 27.2 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

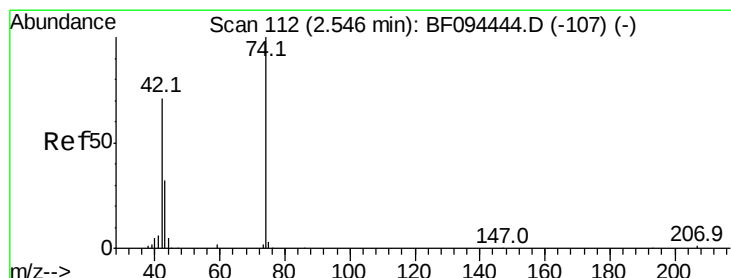
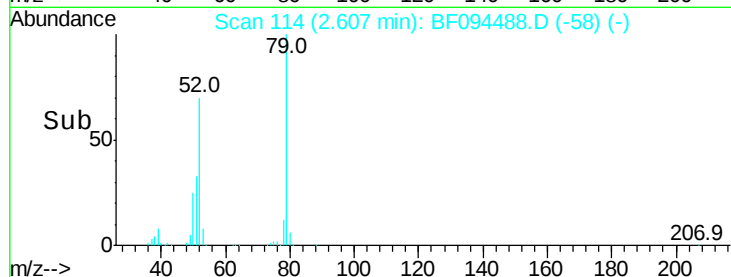
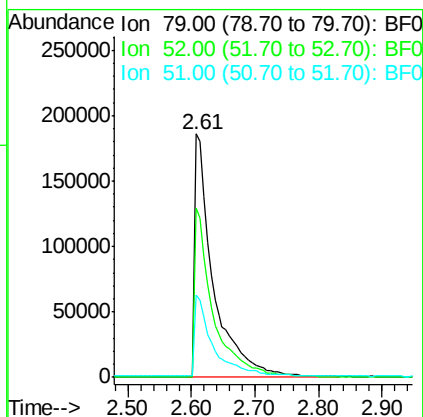
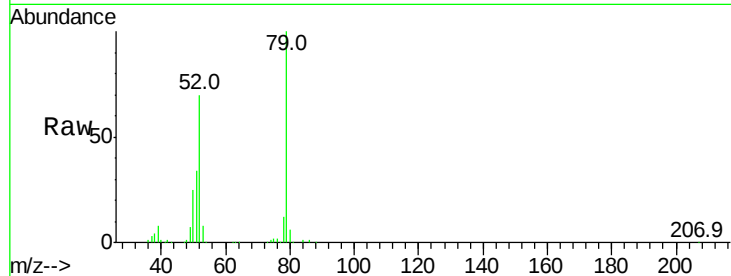




#3
Pvridine
Concen: 43.75 ng
RT: 2.61 min Scan# 114
Delta R.T. 0.03 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

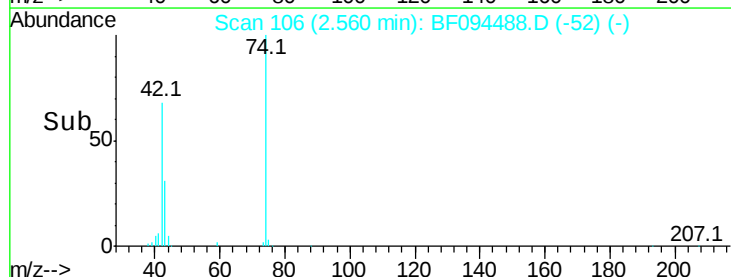
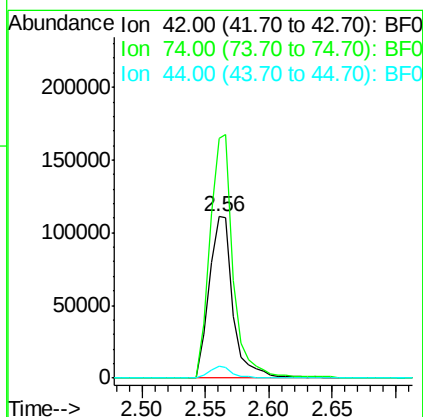
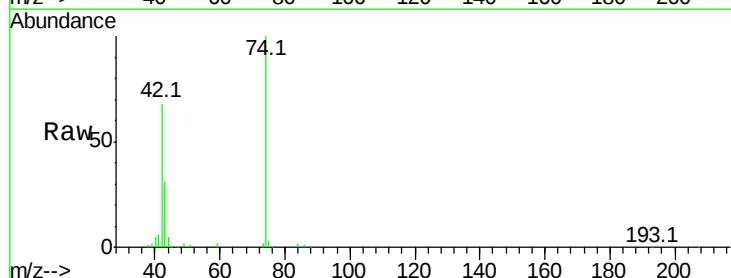
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 380198
Ion Ratio Lower Upper
79 100
52 69.8 54.8 82.2
51 34.0 27.0 40.4



#4
n-Nitrosodimethylamine
Concen: 40.91 ng
RT: 2.56 min Scan# 106
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion: 42 Resp: 147109
Ion Ratio Lower Upper
42 100
74 148.0 103.9 155.9
44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 88.93 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampled :

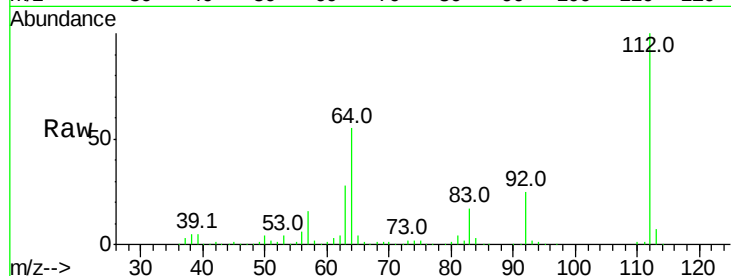
Tot Ion:112 Resp: 608008

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

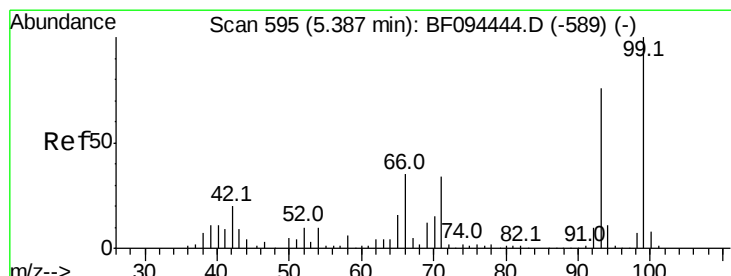
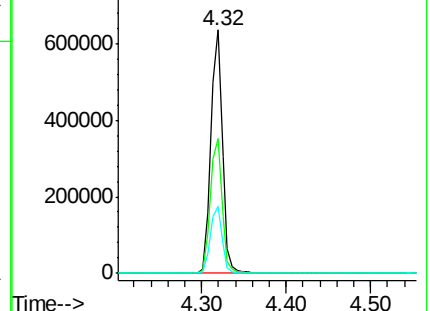
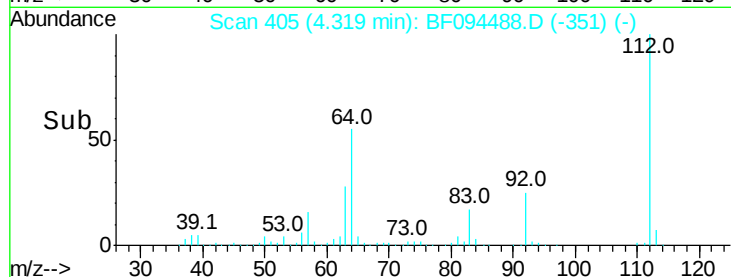
63 27.5 23.4 35.0



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: 39.97 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

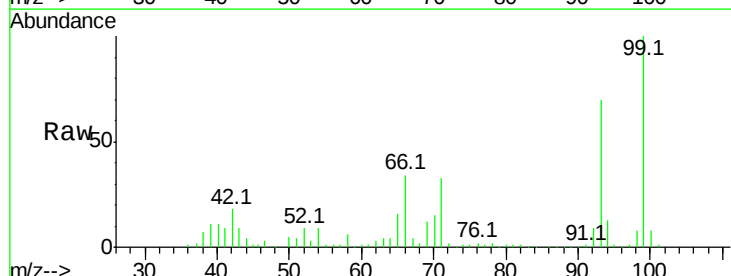
Tgt Ion: 93 Resp: 428122

Ion Ratio Lower Upper

93 100

66 48.3 32.9 49.3

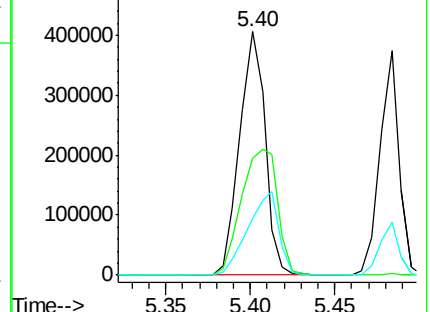
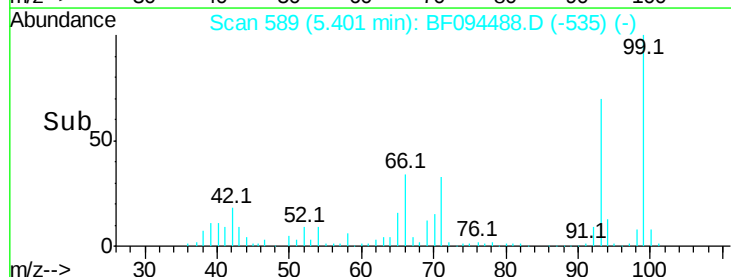
65 23.3 16.0 24.0

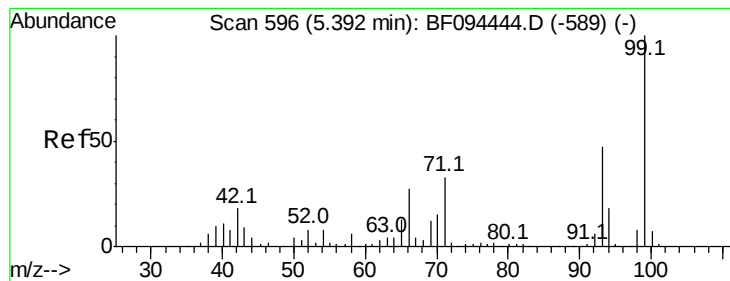


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.76 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

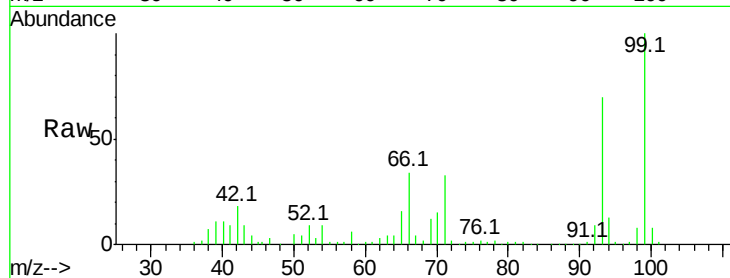
Tot Ion: 99 Resp: 650954

Ion Ratio Lower Upper

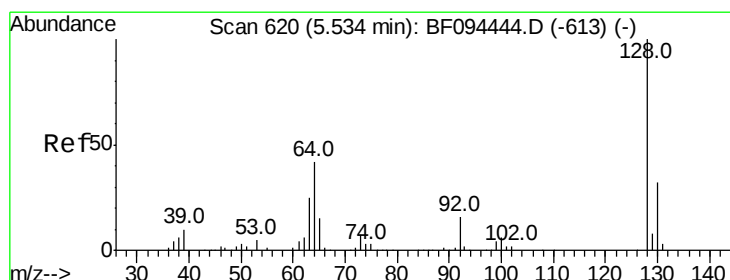
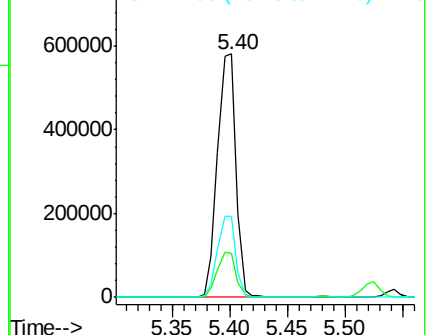
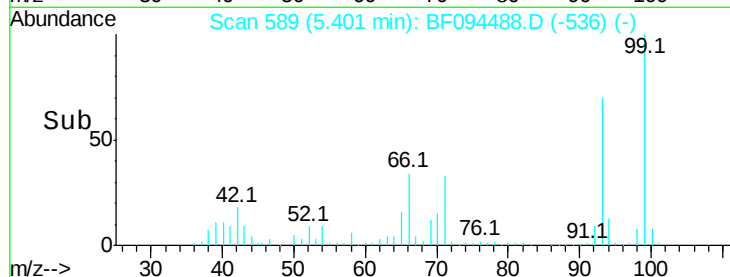
99 100

42 17.9 13.5 20.3

71 33.1 24.5 36.7



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



#8

2-Chlorophenol

Concen: 41.24 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

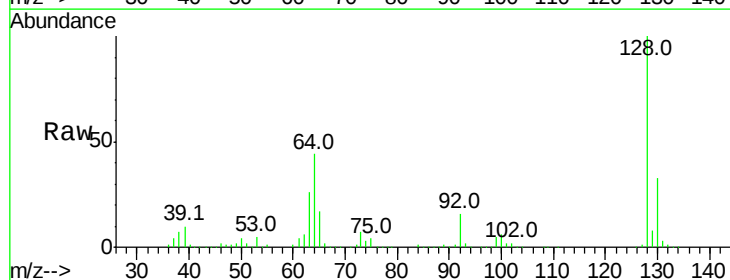
Tgt Ion: 128 Resp: 320870

Ion Ratio Lower Upper

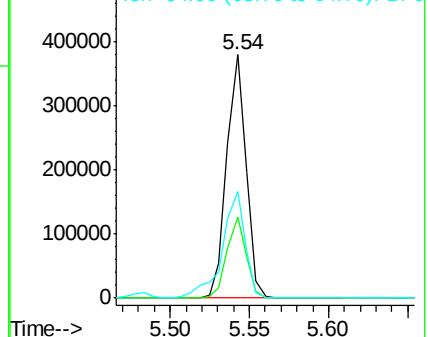
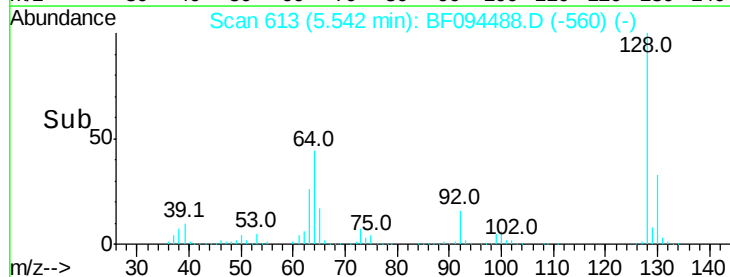
128 100

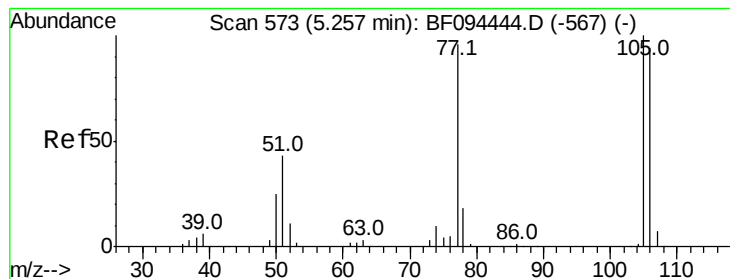
130 33.4 12.9 52.9

64 44.0 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: 39.31 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampled :

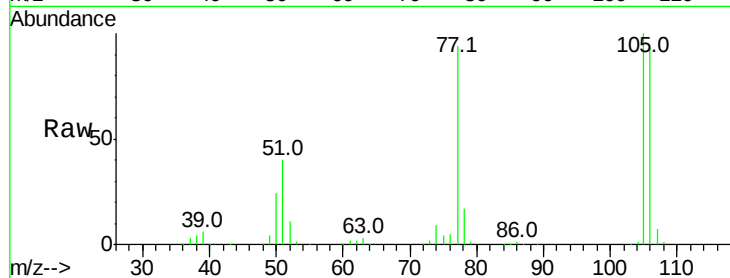
Tot Ion: 77 Resp: 241011

Ion Ratio Lower Upper

77 100

105 106.1 83.8 123.8

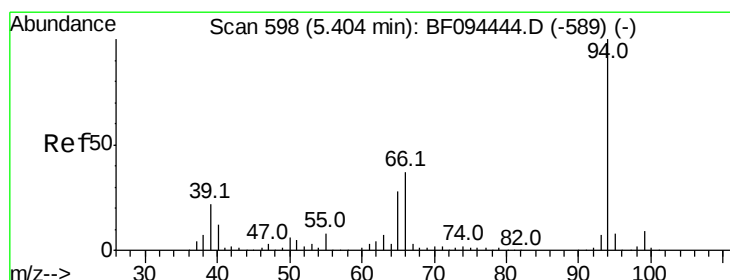
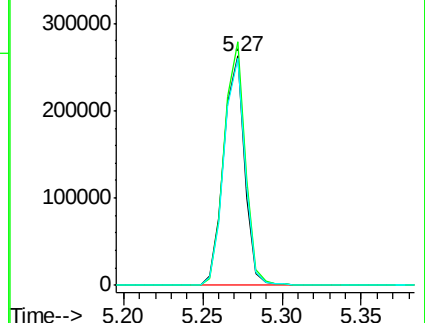
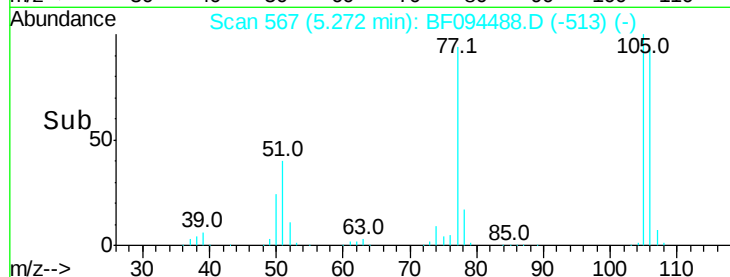
106 98.7 79.1 119.1



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: 40.12 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

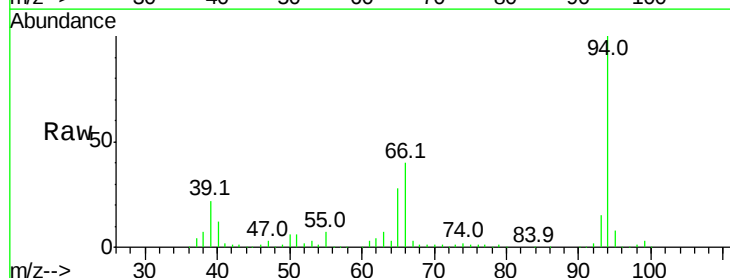
Tgt Ion: 94 Resp: 397285

Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

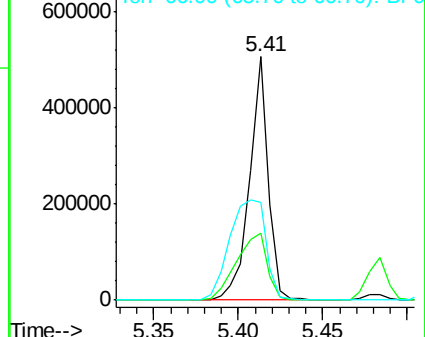
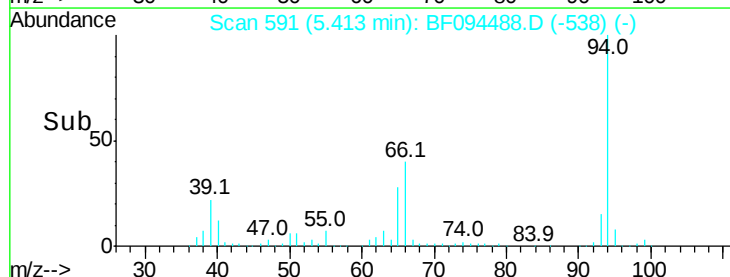
66 39.9 23.1 63.1

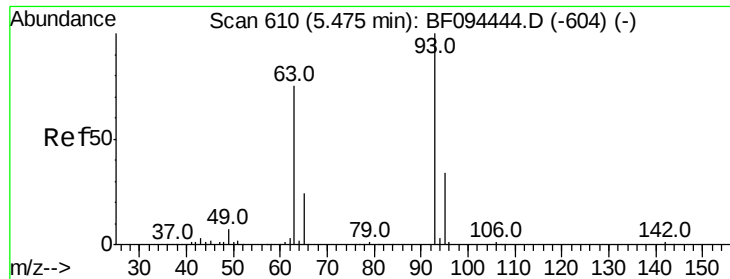


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.07 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

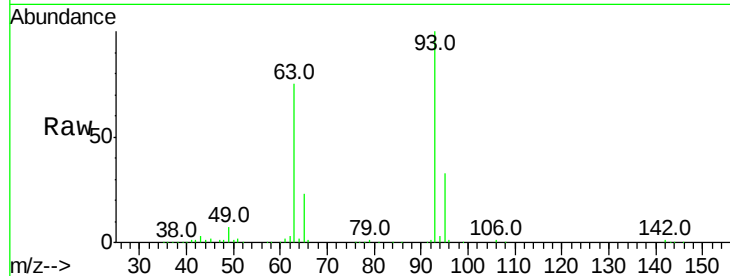
Tot Ion: 93 Resp: 297061

Ion Ratio Lower Upper

93 100

63 75.4 59.2 99.2

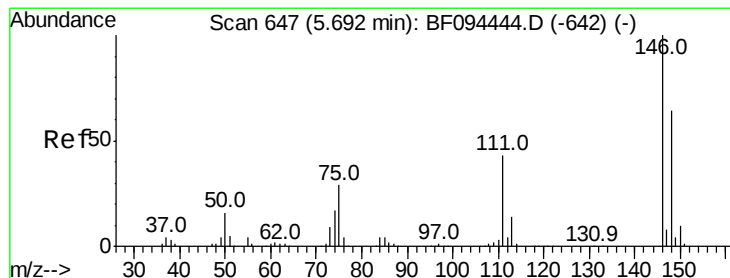
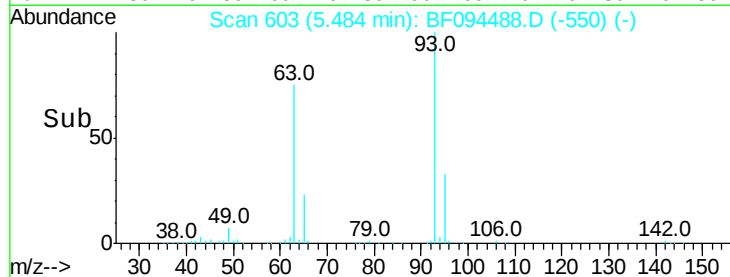
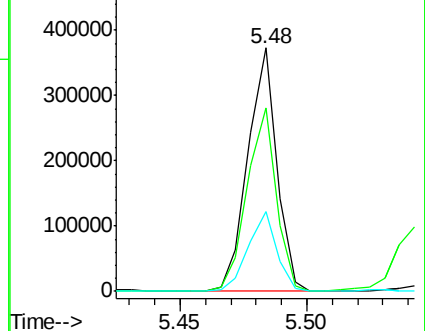
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.12 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

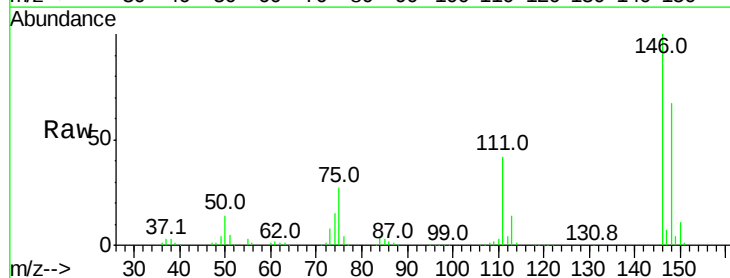
Tgt Ion: 146 Resp: 354399

Ion Ratio Lower Upper

146 100

148 66.6 51.8 77.6

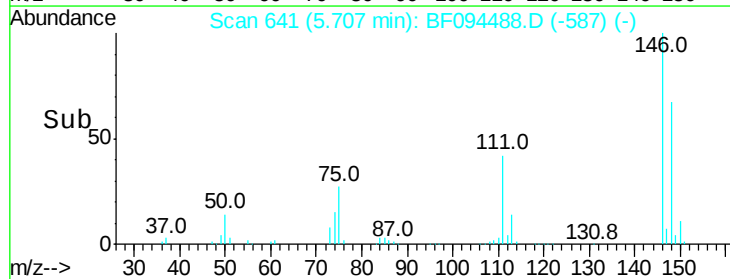
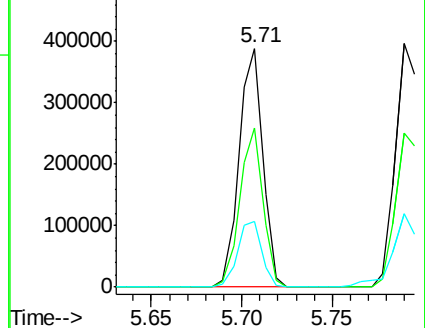
75 27.3 23.1 34.7

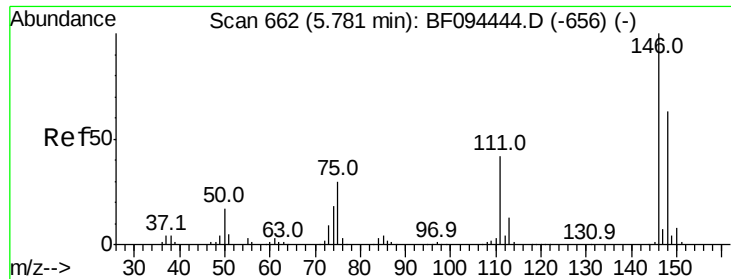


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

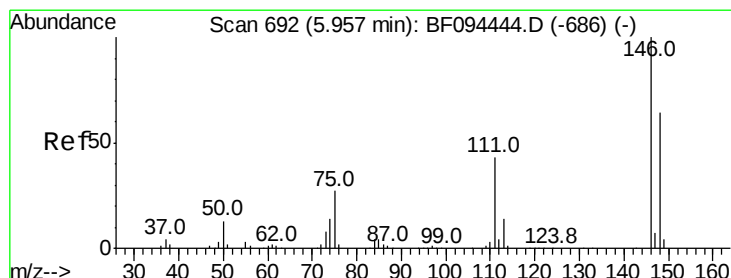
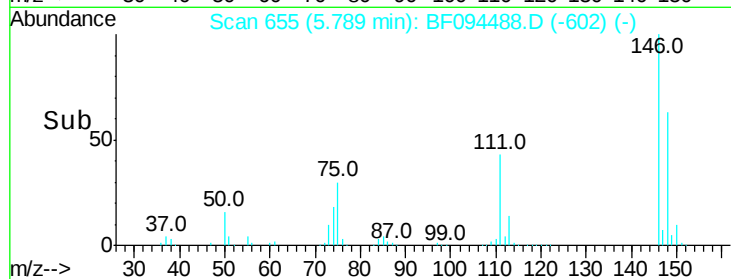
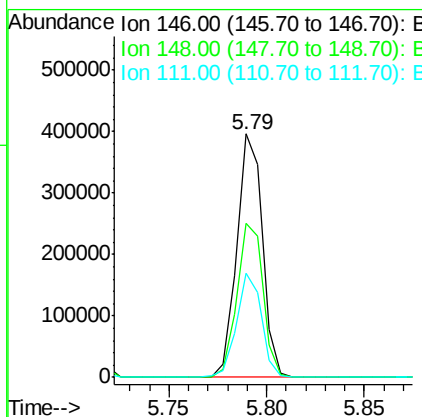
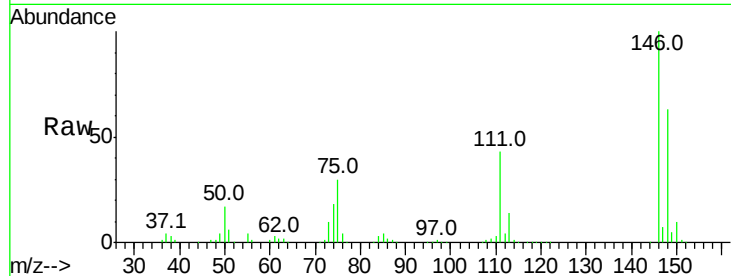




#13
 1,4-Dichlorobenzene
 Concen: 41.46 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

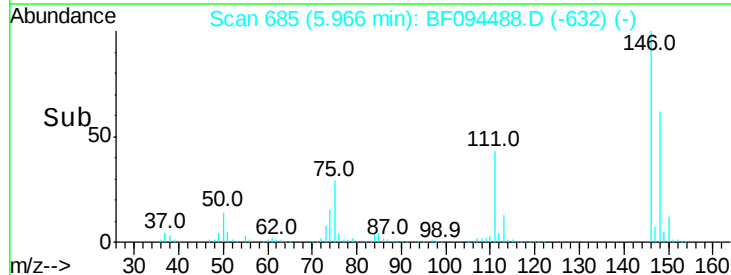
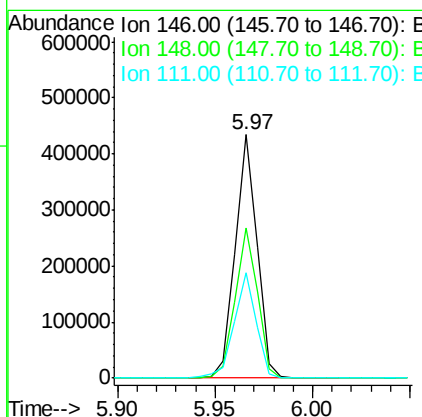
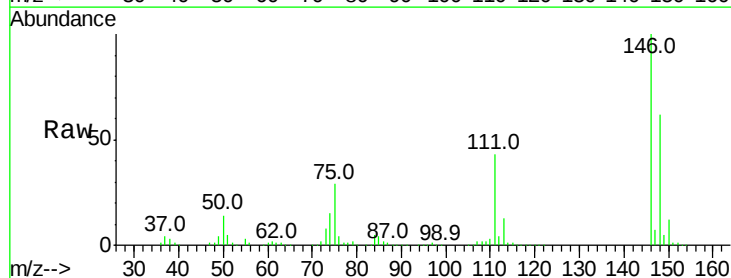
Instrument :
 BNA_F
 ClientSampled :

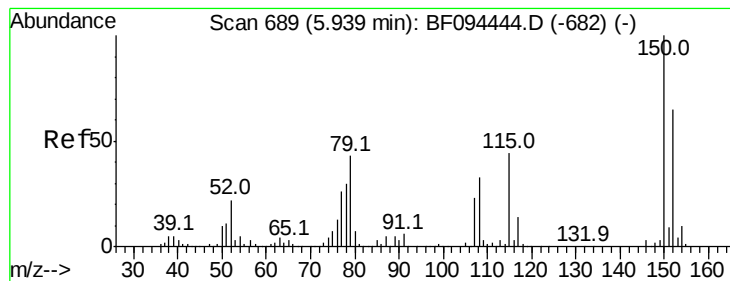
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	42.6	30.3	45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.95 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.4	75.6
111	43.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 41.27 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

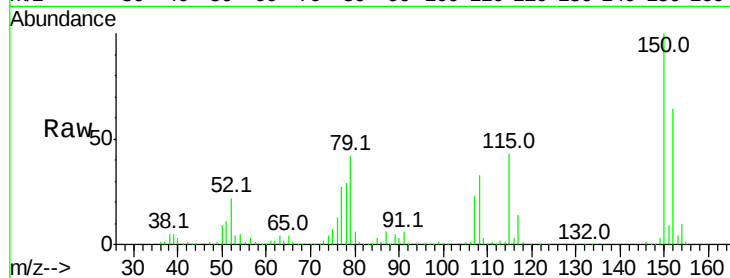
Tot Ion: 79 Resp: 246771

Ion Ratio Lower Upper

79 100

108 77.7 63.4 95.0

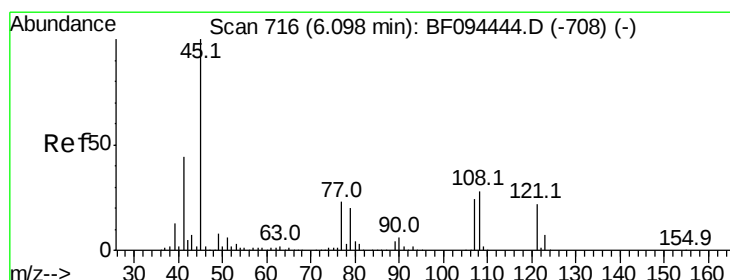
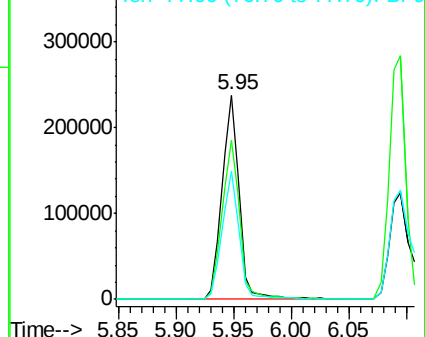
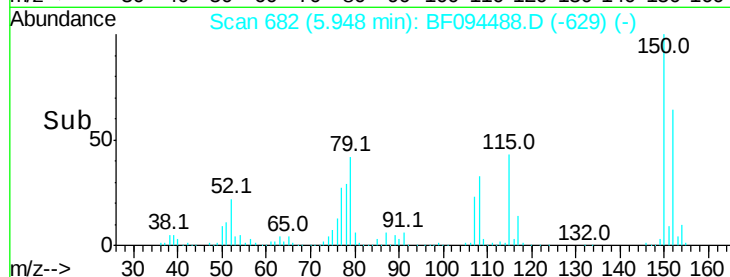
77 62.9 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.34 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

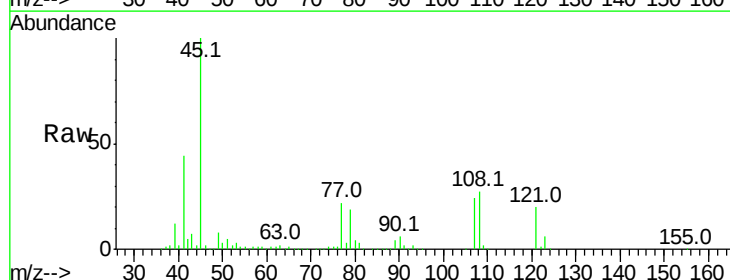
Tgt Ion: 45 Resp: 401573

Ion Ratio Lower Upper

45 100

77 22.4 0.0 33.2

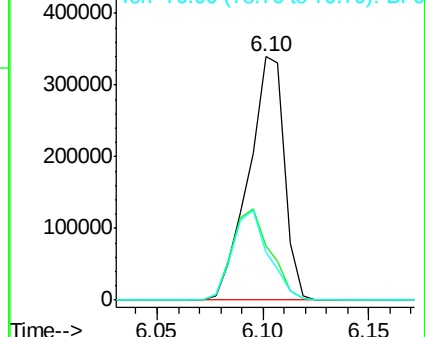
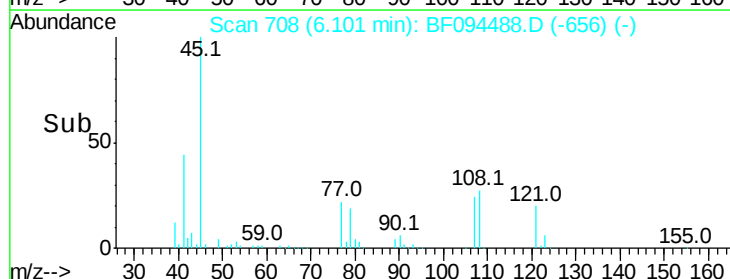
79 19.4 0.0 30.0

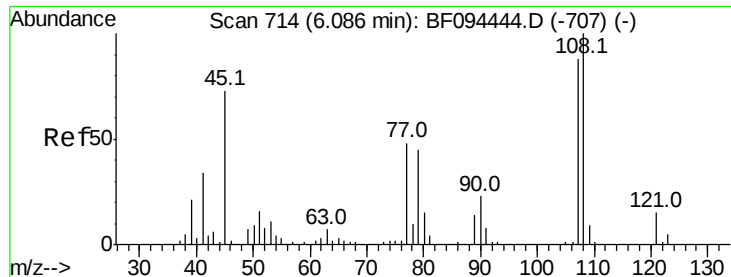


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

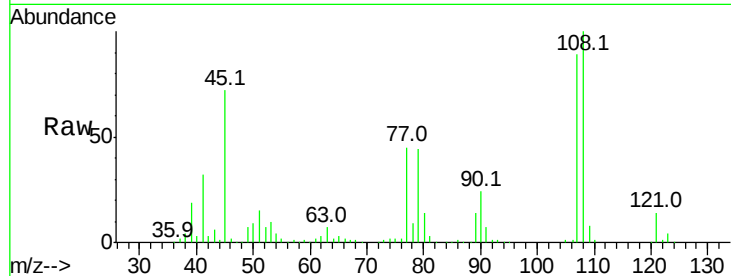




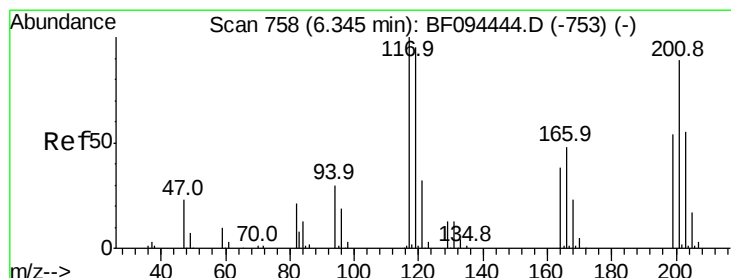
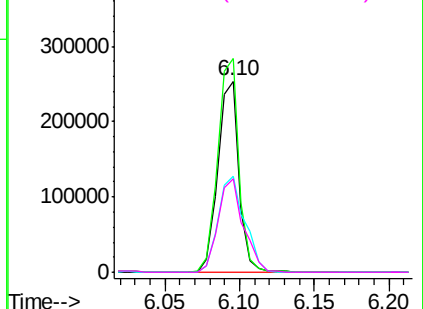
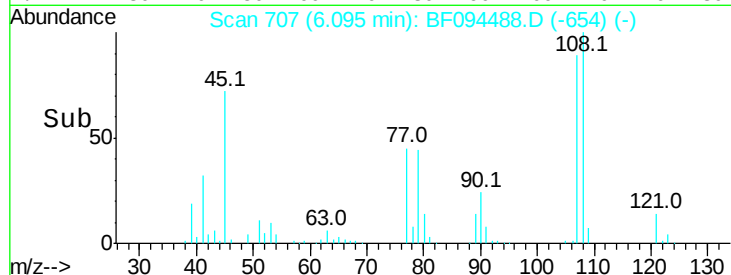
#17
2-Methylphenol
Concen: 41.28 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 252944
Ion Ratio Lower Upper
107 100
108 111.9 93.4 140.0
77 50.5 35.8 53.6
79 49.3 34.8 52.2

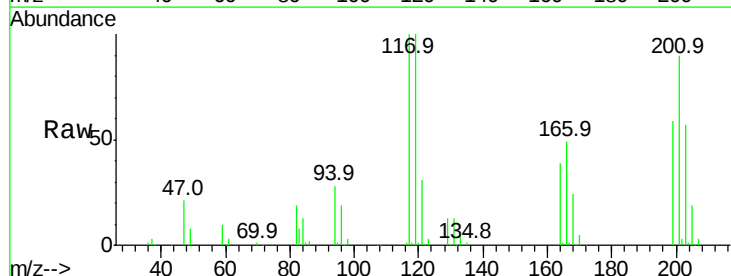


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

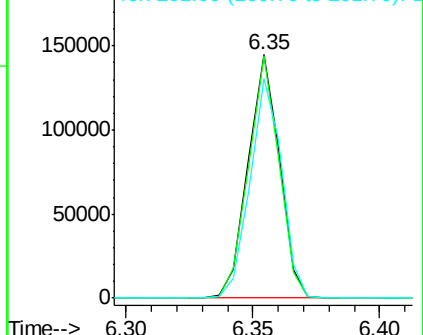
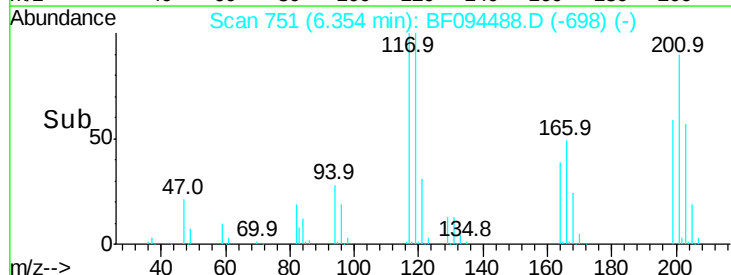


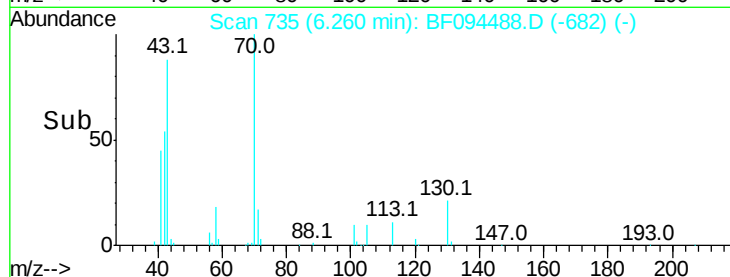
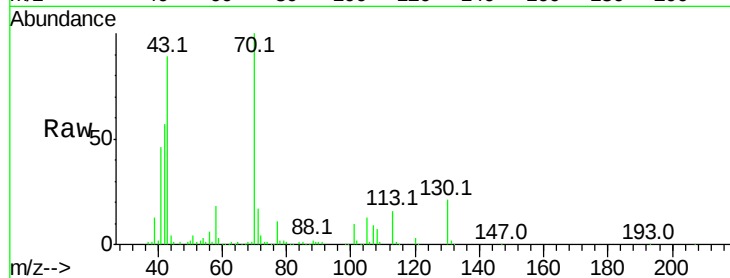
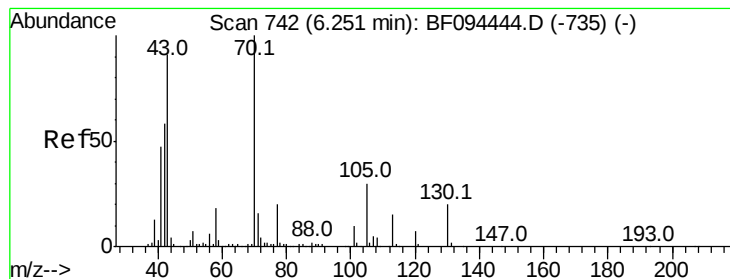
#18
Hexachloroethane
Concen: 42.25 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:117 Resp: 125595
Ion Ratio Lower Upper
117 100
119 99.8 77.4 116.0
201 89.9 94.6 141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 42.21 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 225434

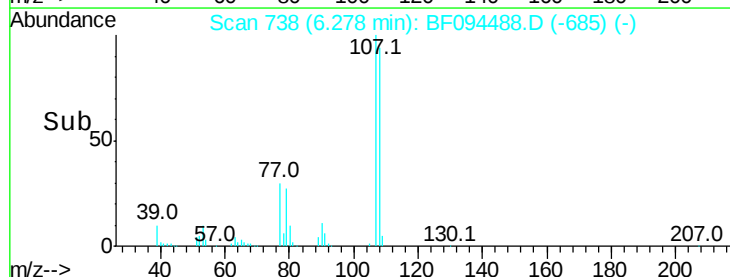
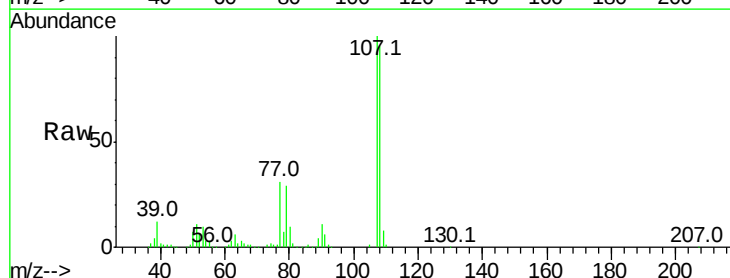
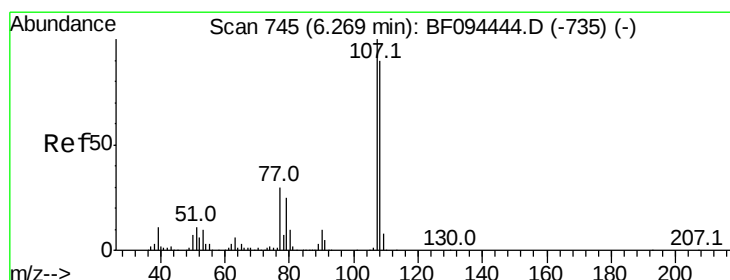
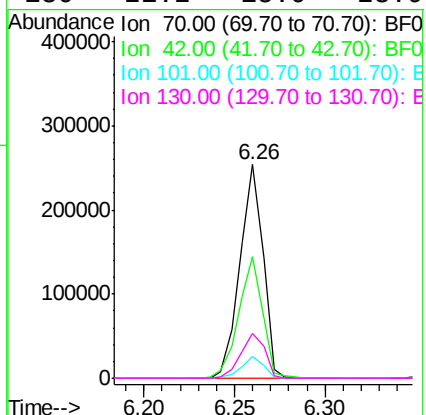
Ion Ratio Lower Upper

70 100

42 57.0 47.2 70.8

101 10.3 7.2 10.8

130 21.2 15.9 23.9



#20

3+4-Methylphenols

Concen: 41.82 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion:107 Resp: 348196

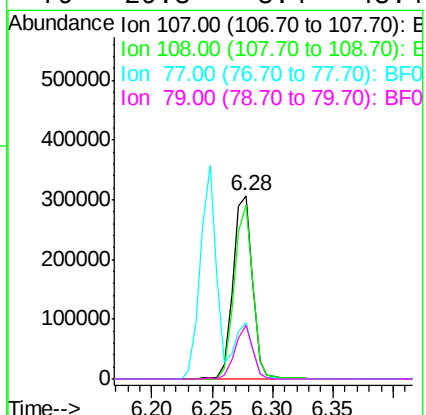
Ion Ratio Lower Upper

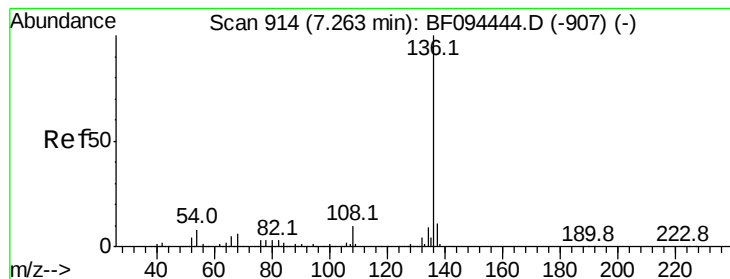
107 100

108 95.3 71.0 111.0

77 30.7 90.5 130.5#

79 29.3 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: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 501469

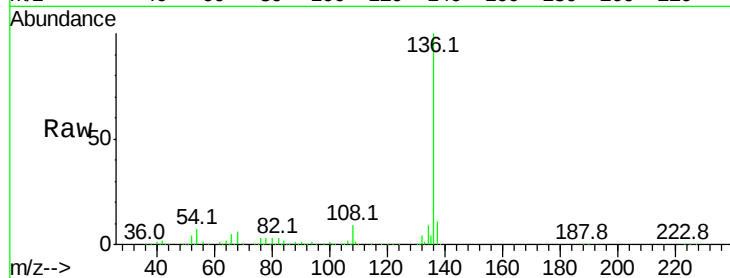
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 5.8 4.1 6.1

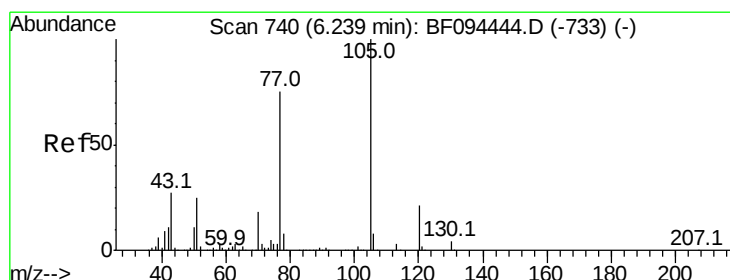
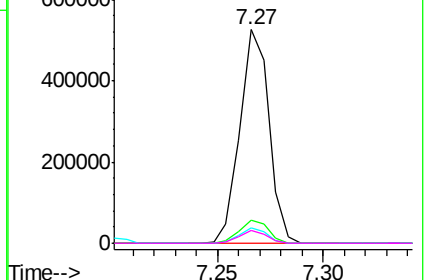
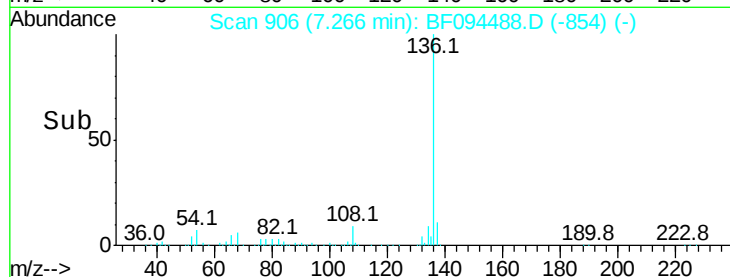


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.95 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion:105 Resp: 450579

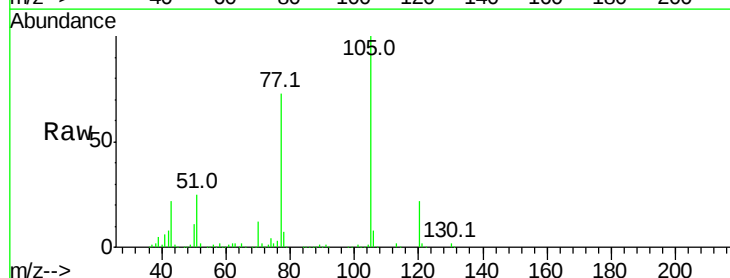
Ion Ratio Lower Upper

105 100

71 2.0 2.8 4.2#

51 24.6 30.7 46.1#

120 21.7 17.4 26.0

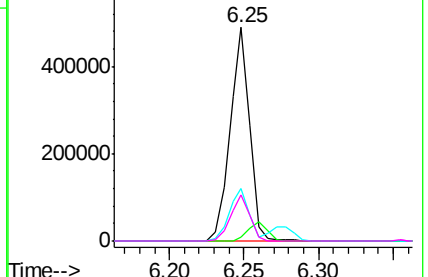
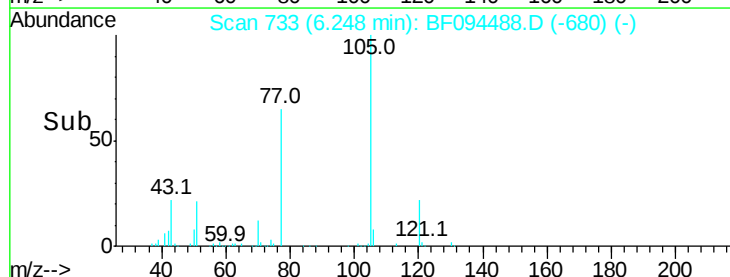


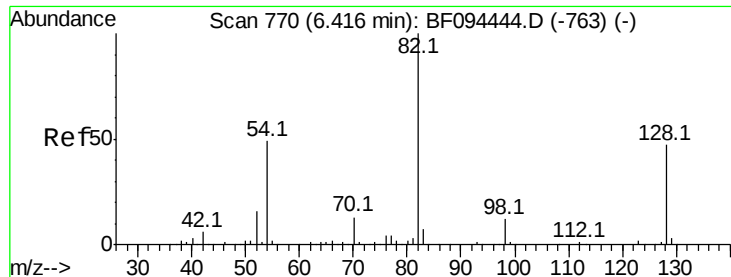
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.20 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

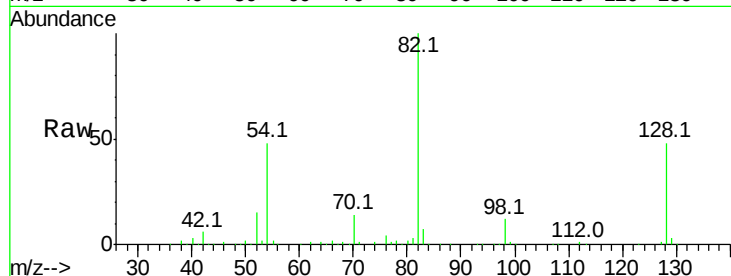
Tot Ion: 82 Resp: 610699

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

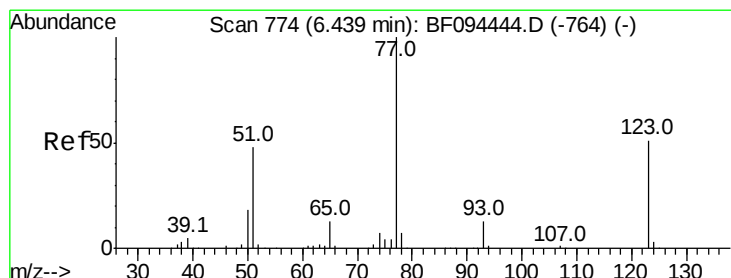
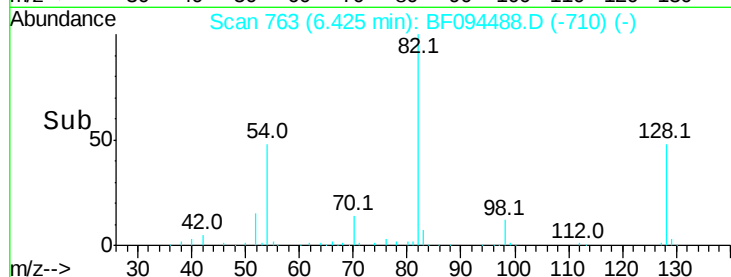
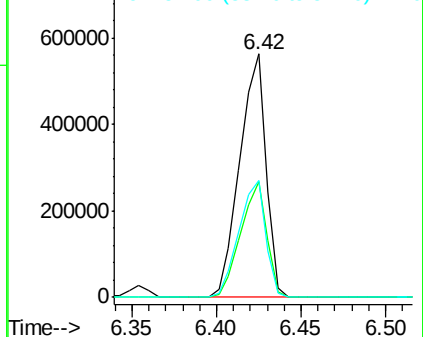
54 48.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.76 ng

RT: 6.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

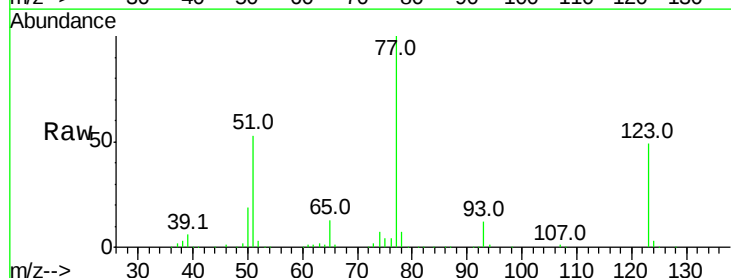
Tgt Ion: 77 Resp: 322960

Ion Ratio Lower Upper

77 100

123 49.1 35.8 53.8

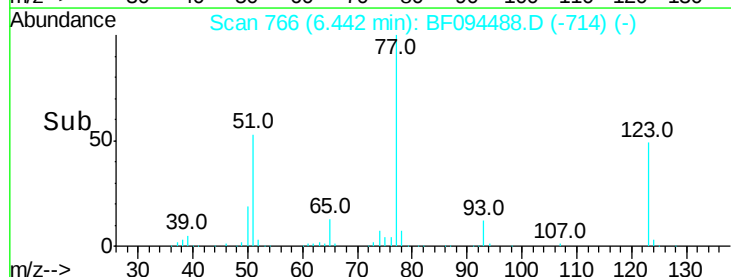
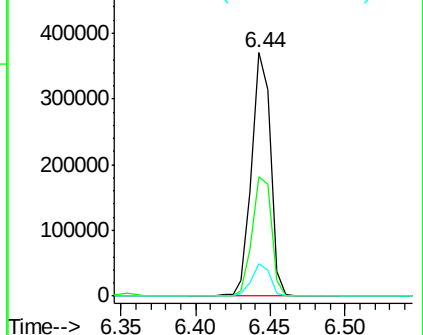
65 13.4 10.6 15.8

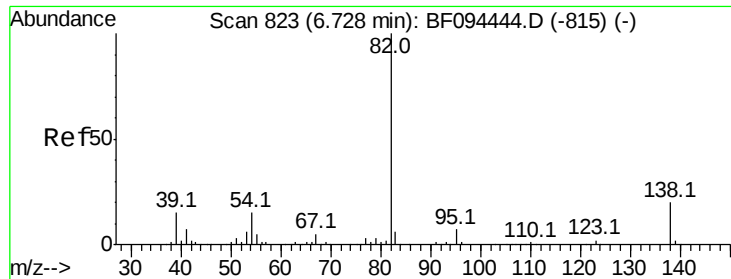


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.68 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

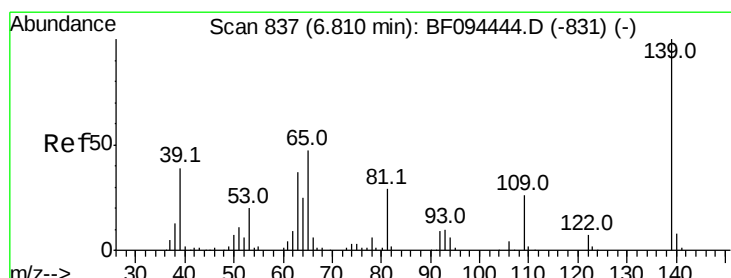
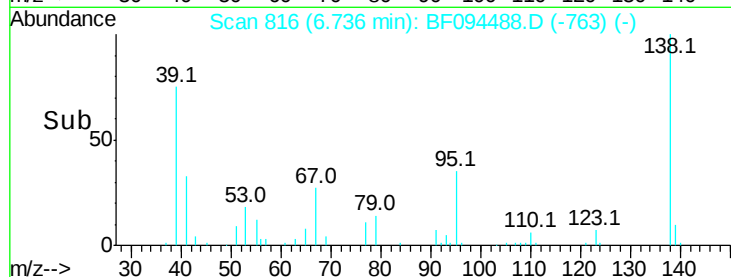
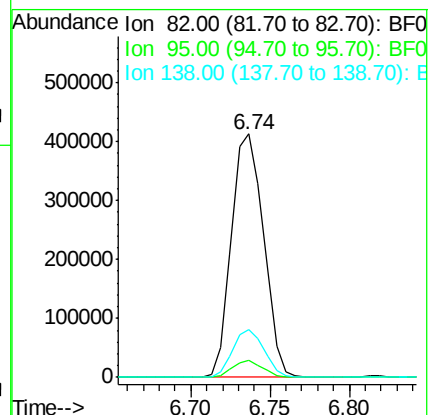
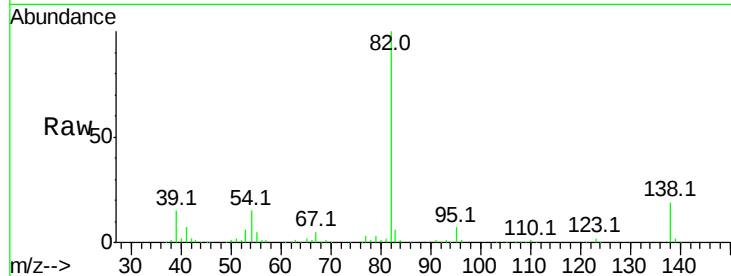
Tot Ion: 82 Resp: 582298

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 38.85 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

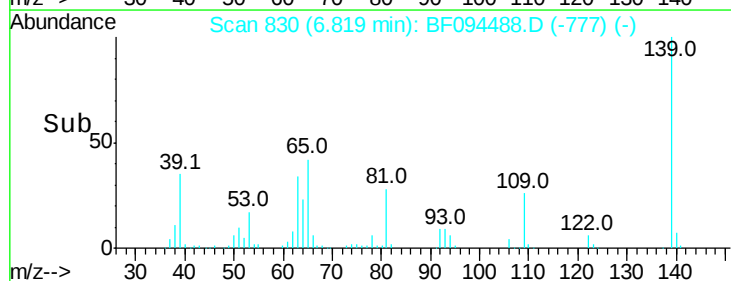
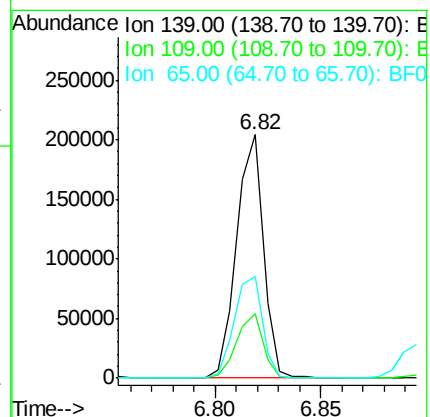
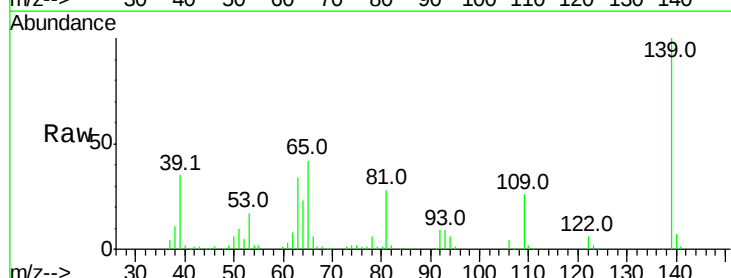
Tgt Ion: 139 Resp: 178521

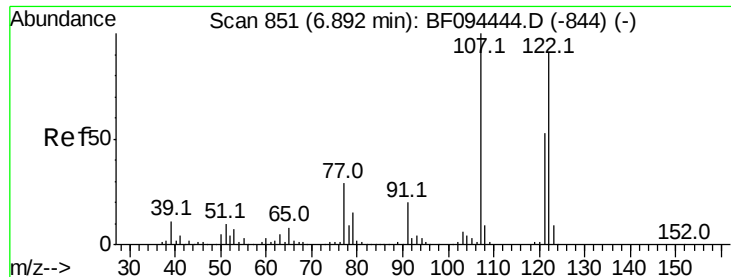
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 42.0 33.0 49.6

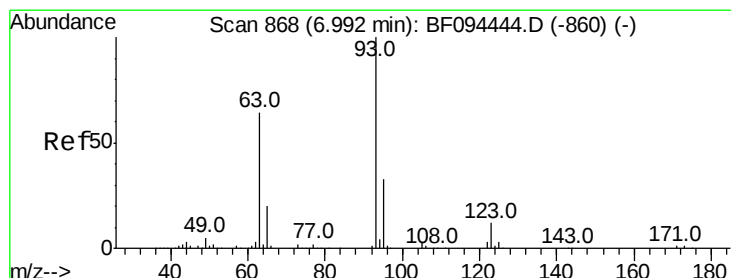
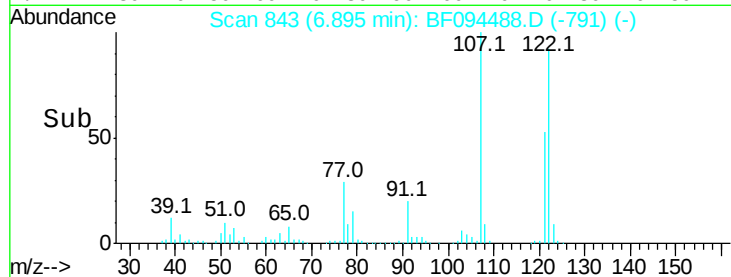
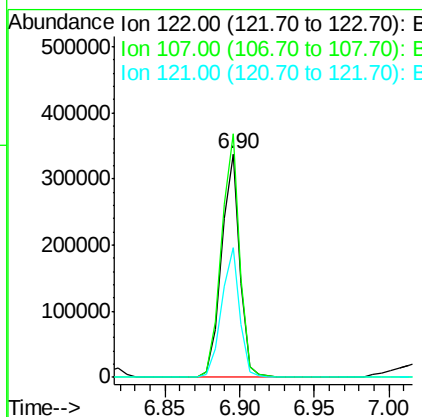
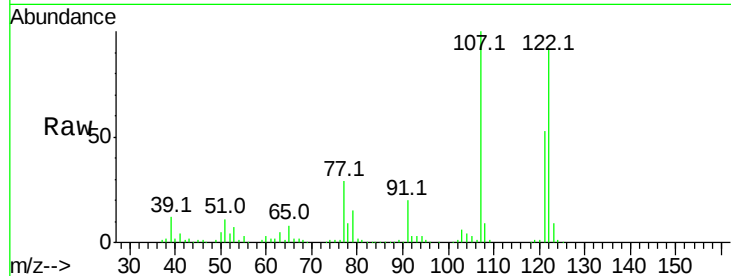




#27
 2,4-Dimethylphenol
 Concen: 39.04 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

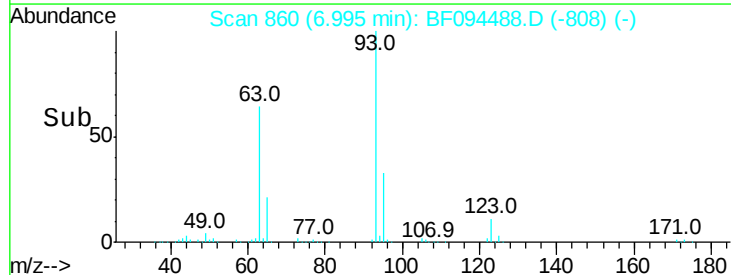
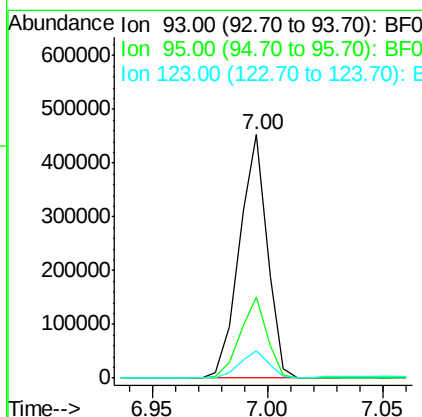
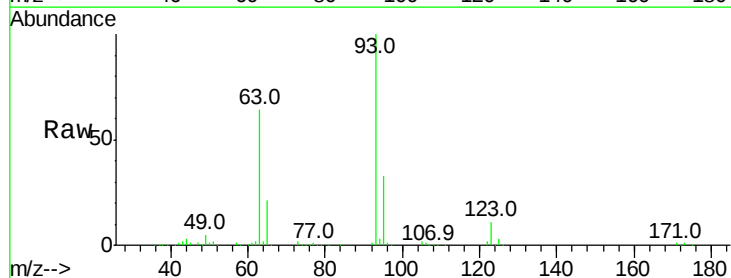
Instrument :
 BNA_F
 ClientSampled :

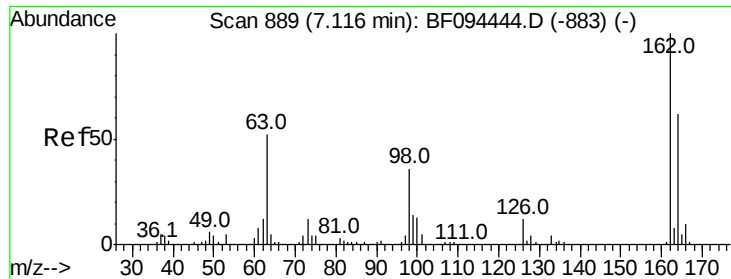
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	89.2	133.8
121	58.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.19 ng
 RT: 7.00 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.2	9.0	13.4

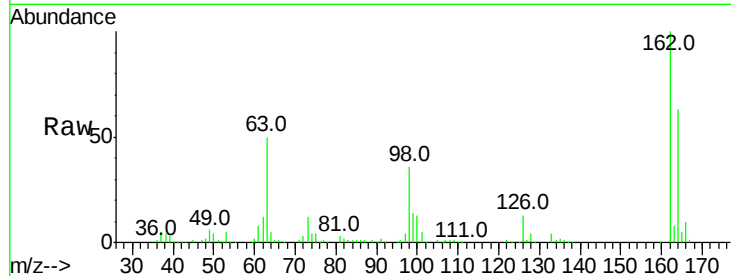




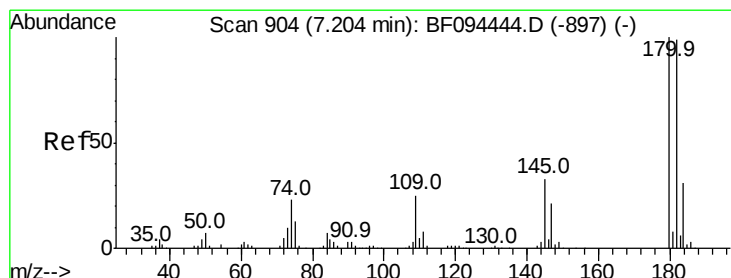
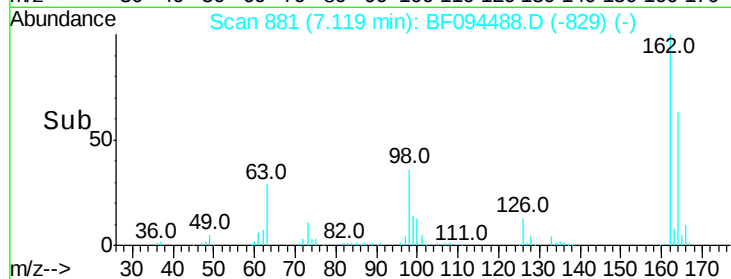
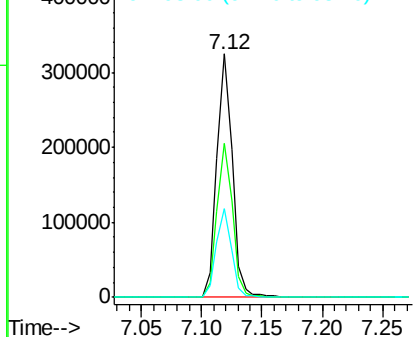
#29
 2,4-Dichlorophenol
 Concen: 41.16 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	36.4	14.8	54.8

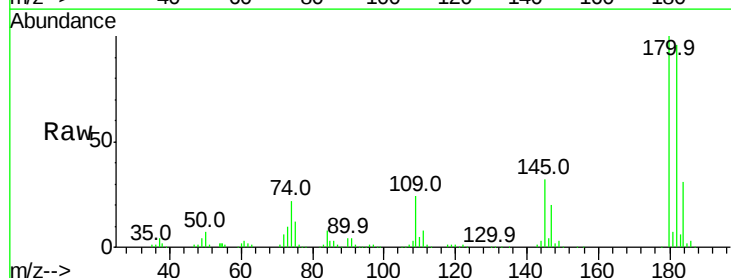


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

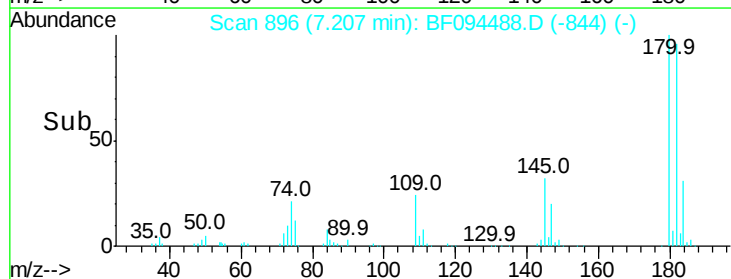
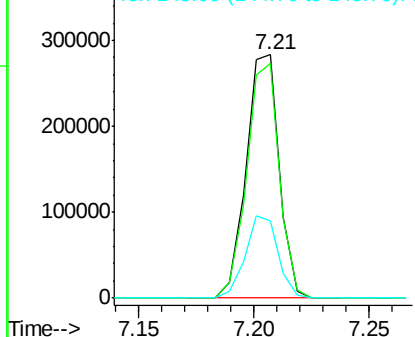


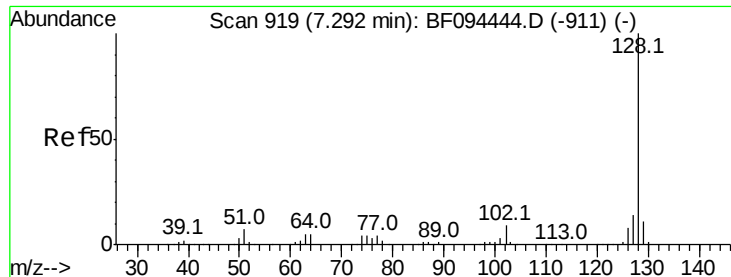
#30
 1,2,4-Trichlorobenzene
 Concen: 39.52 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.6
145	31.9	25.3	37.9



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





#31

Naphthalene

Concen: 39.85 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampled :

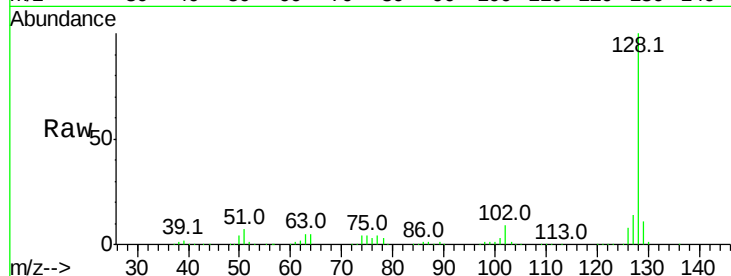
Tot Ion:128 Resp: 960646

Ion Ratio Lower Upper

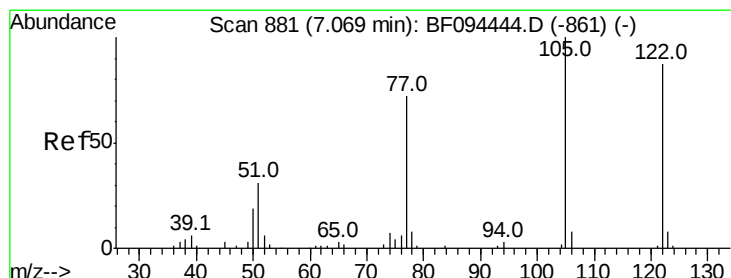
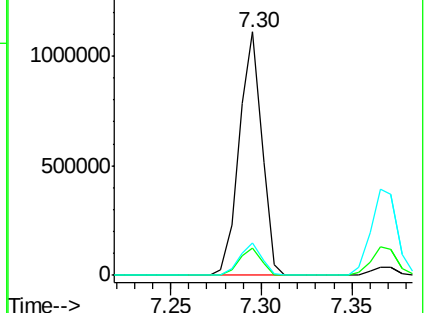
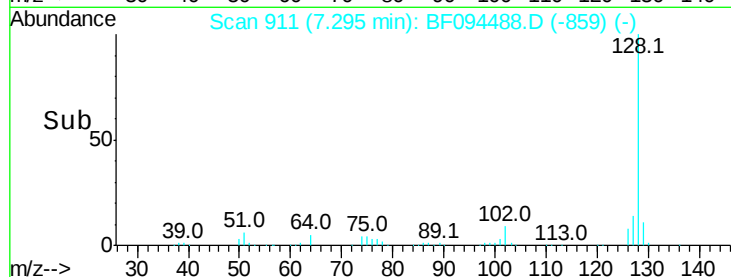
128 100

129 11.2 9.0 13.6

127 13.5 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: 41.84 ng

RT: 7.07 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

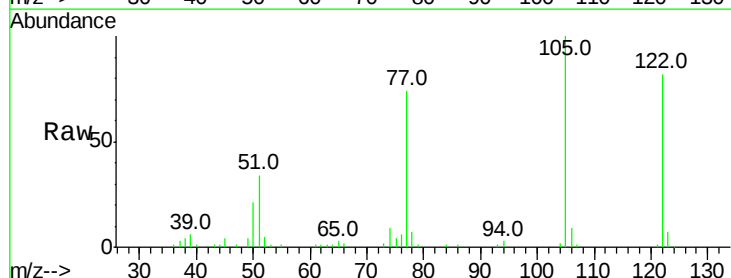
Tgt Ion:122 Resp: 165117

Ion Ratio Lower Upper

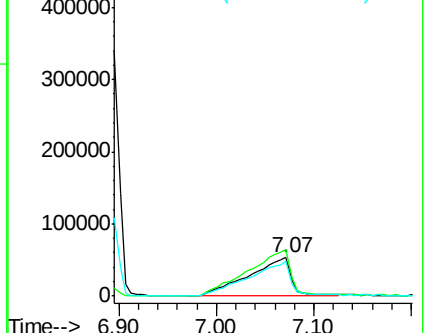
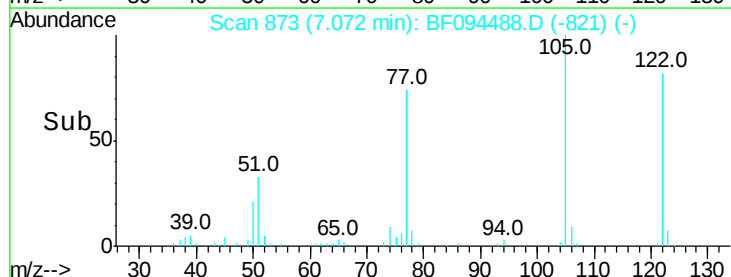
122 100

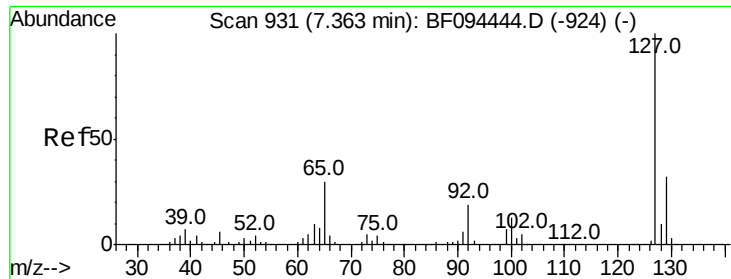
105 121.2 103.3 143.3

77 89.9 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

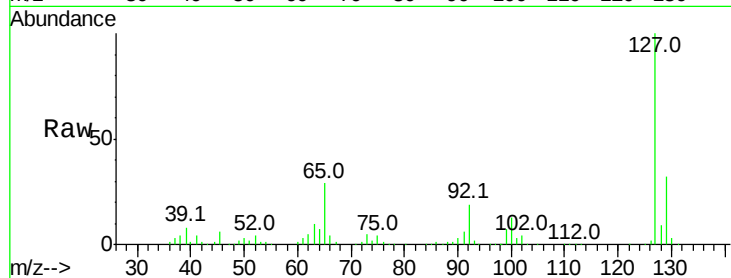




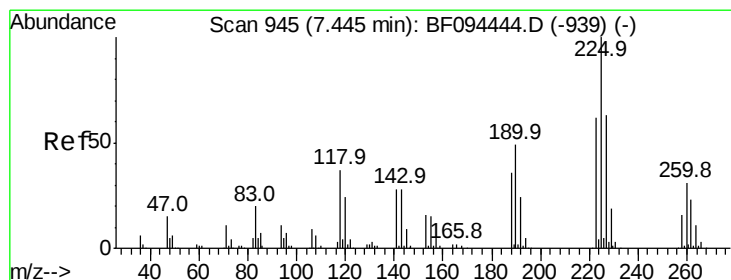
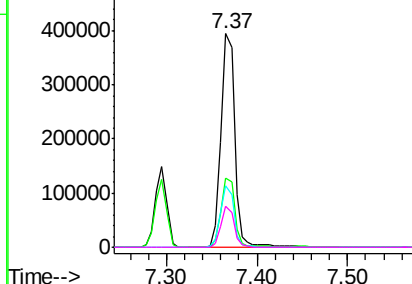
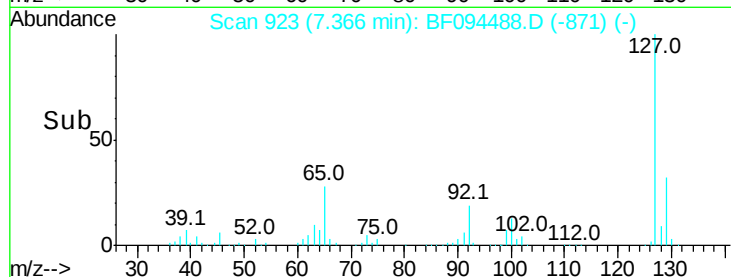
#33
 4-Chloroaniline
 Concen: 40.75 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	408662
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	28.8	27.8	41.8
92	18.9	16.8	25.2

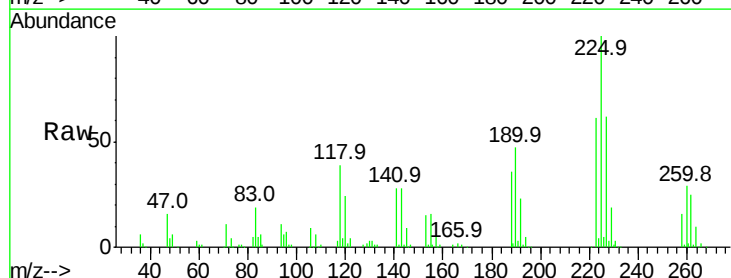


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

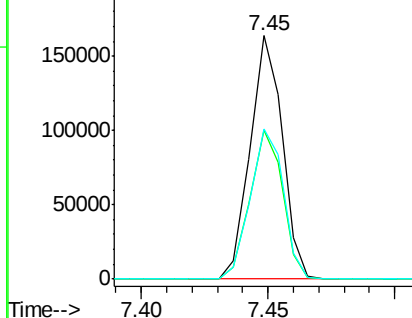
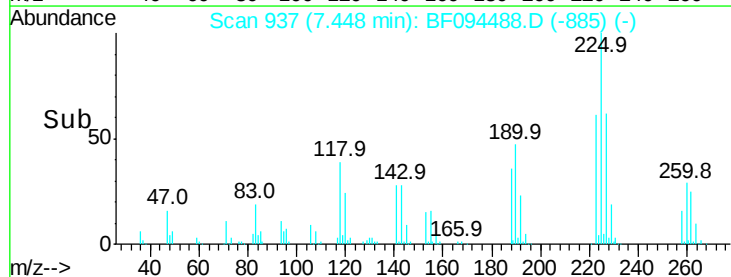


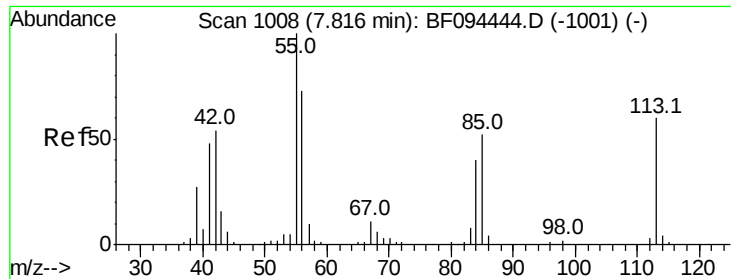
#34
 Hexachlorobutadiene
 Concen: 40.52 ng
 RT: 7.45 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:	225	Resp:	145000
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	61.7	51.1	76.7



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





#35

Caprolactam

Concen: 34.83 ng

RT: 7.82 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :

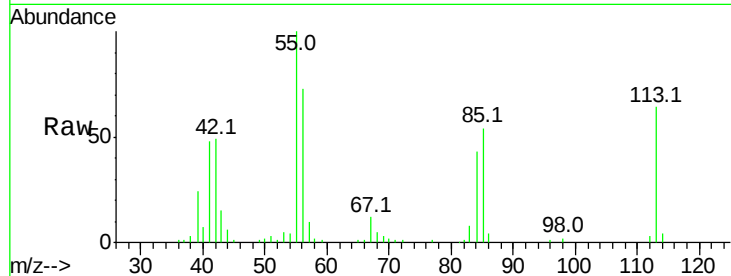
Tot Ion:113 Resp: 75971

Ion Ratio Lower Upper

113 100

55 155.7 150.2 190.2

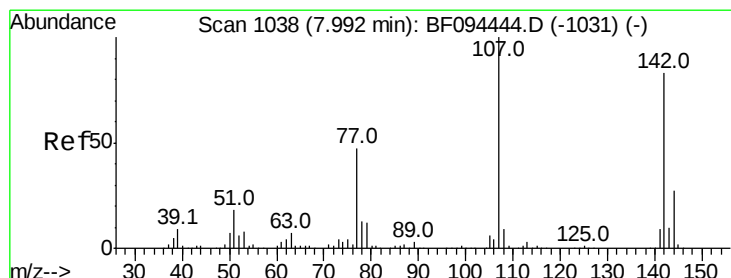
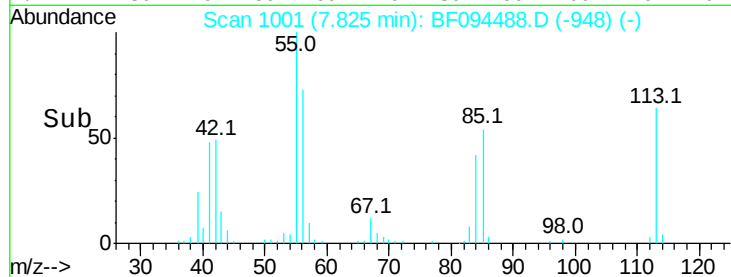
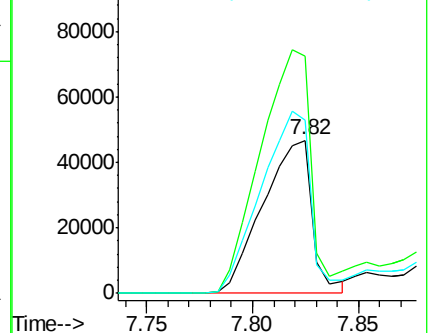
56 113.0 107.8 147.8



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: 37.98 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

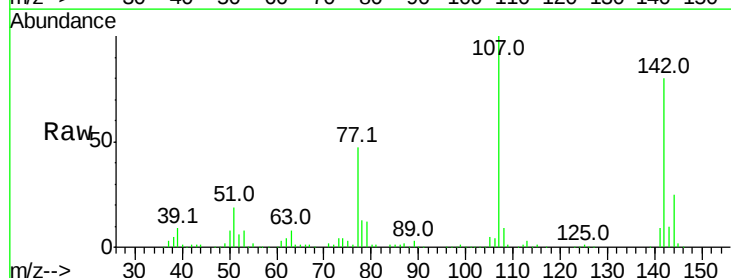
Tgt Ion:107 Resp: 276330

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

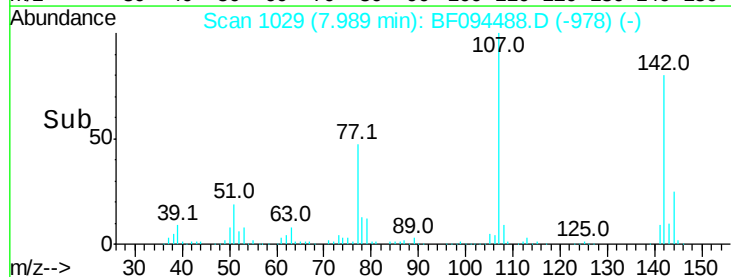
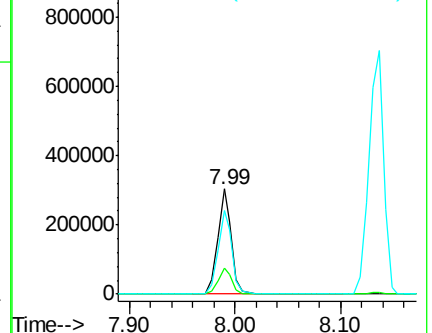
142 79.6 73.4 110.0

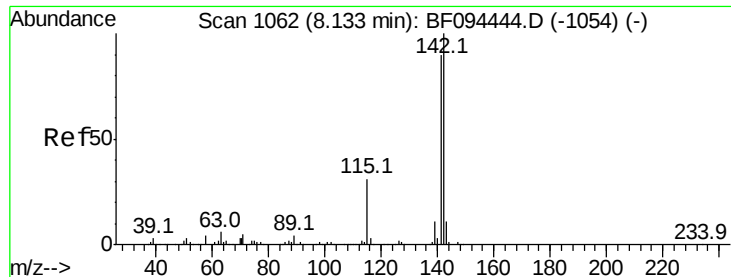


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.38 ng

RT: 8.14 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampled :

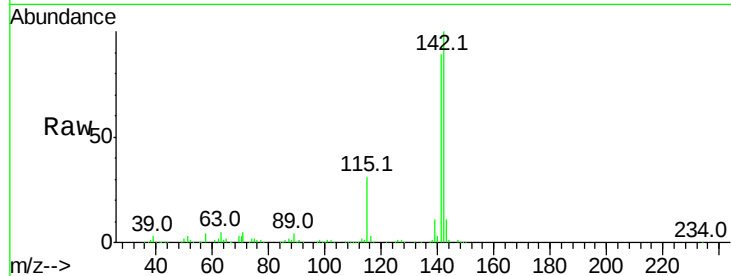
Tot Ion:142 Resp: 665940

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

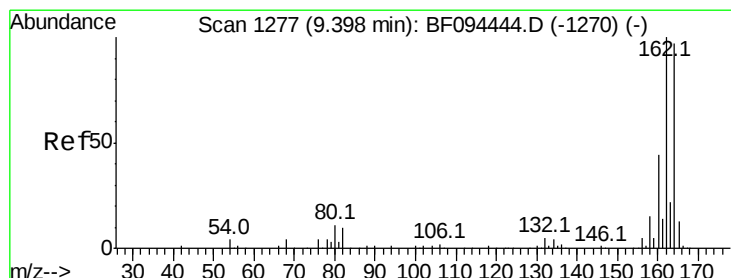
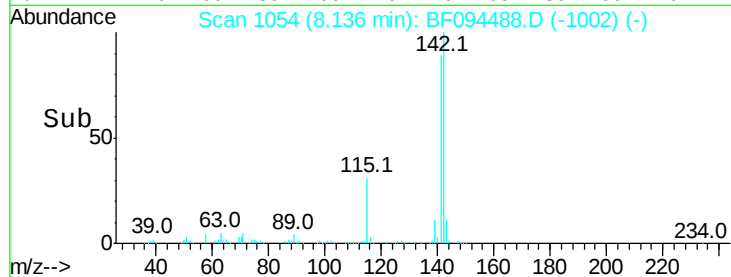
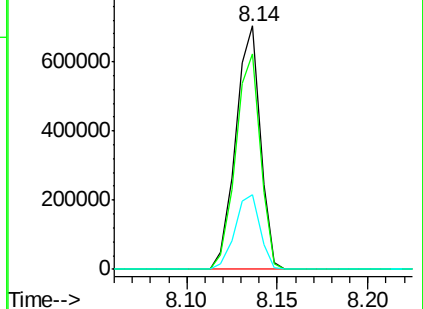
115 30.7 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

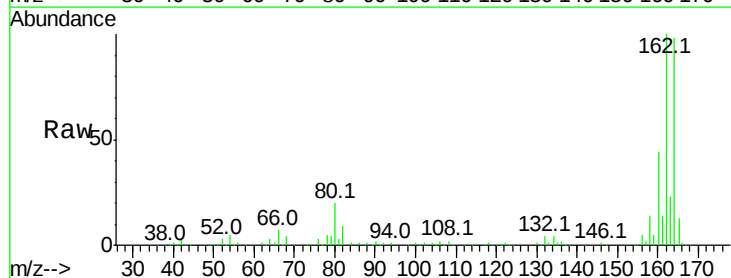
Tgt Ion:164 Resp: 228020

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

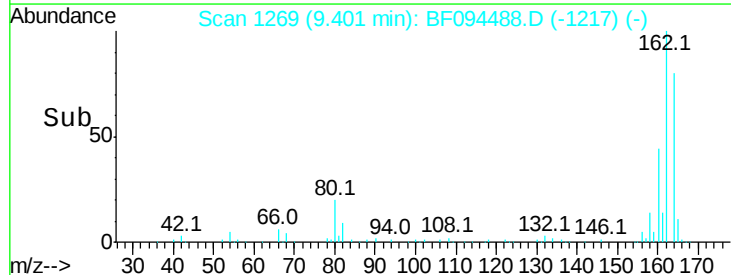
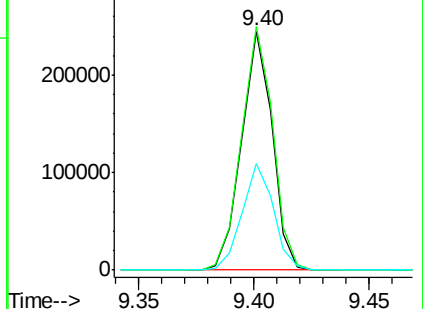
160 44.4 36.2 54.2

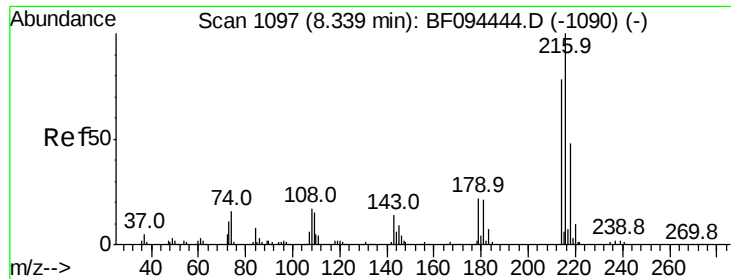


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

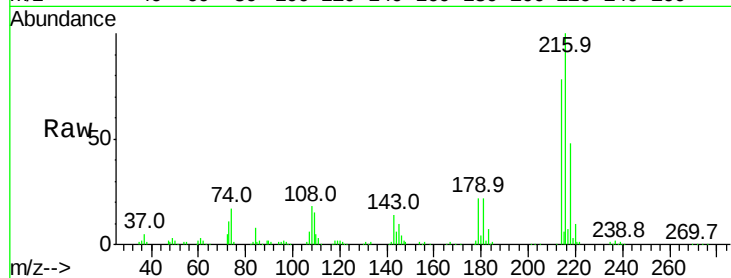




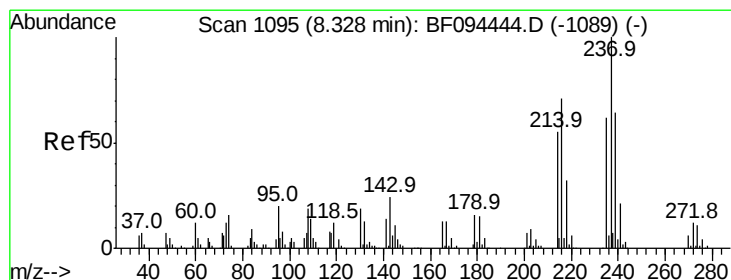
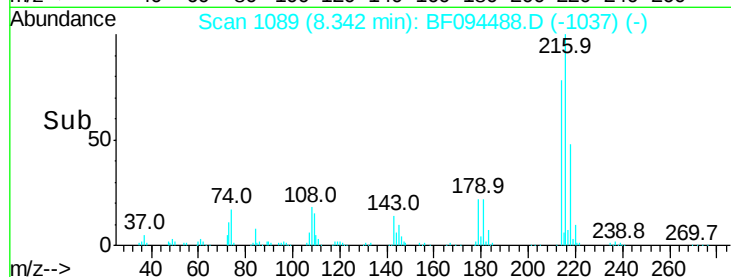
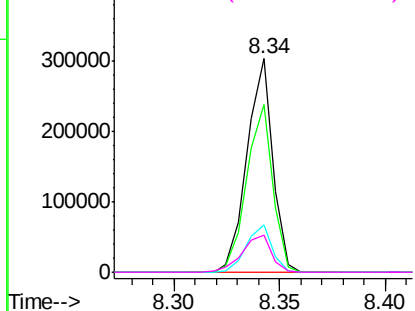
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.80 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	258393
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	22.1	17.9	26.9
108	20.1	16.5	24.7

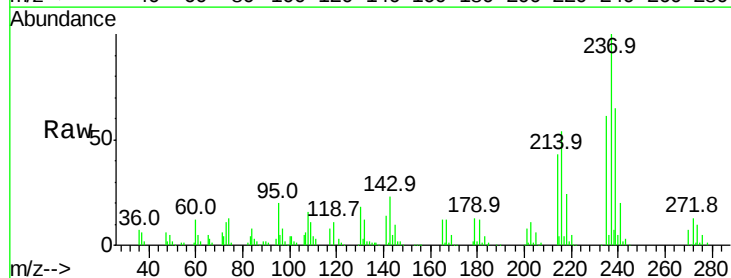


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

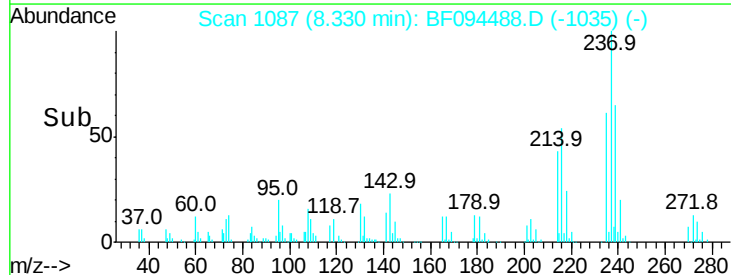
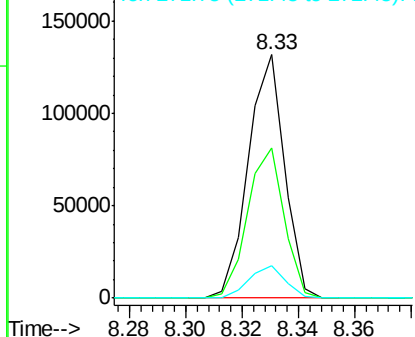


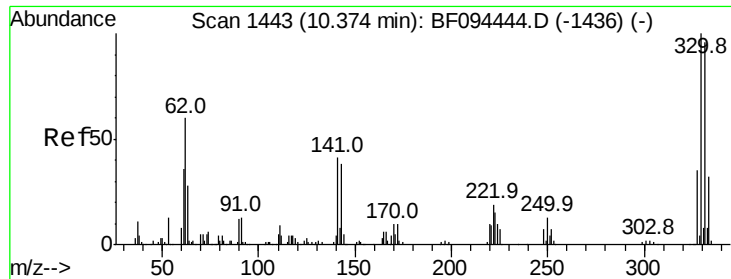
#40
 Hexachlorocyclopentadiene
 Concen: 44.69 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:	237	Resp:	117387
Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.6	82.6
272	13.3	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

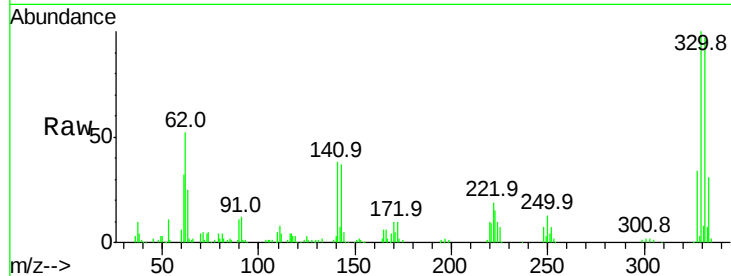




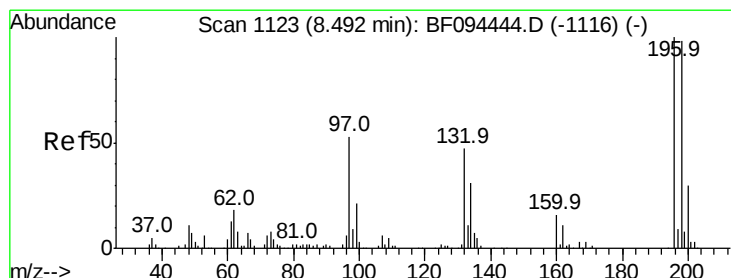
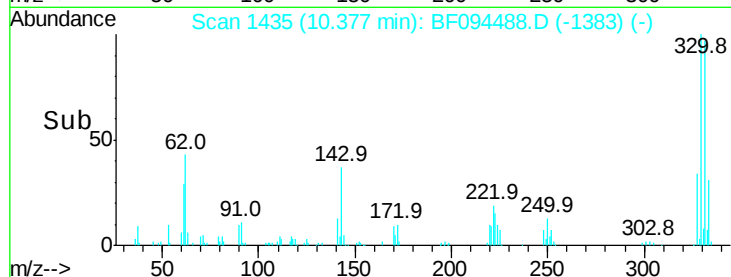
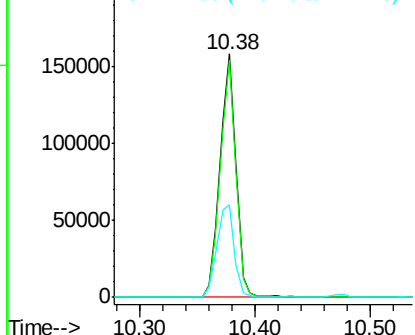
#41
 2,4,6-Tribromophenol
 Concen: 85.99 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 153368
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 41.0 31.4 47.2

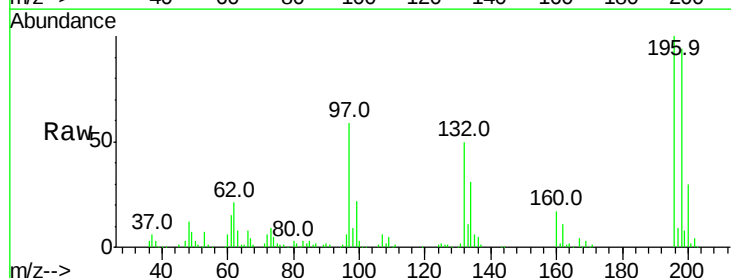


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

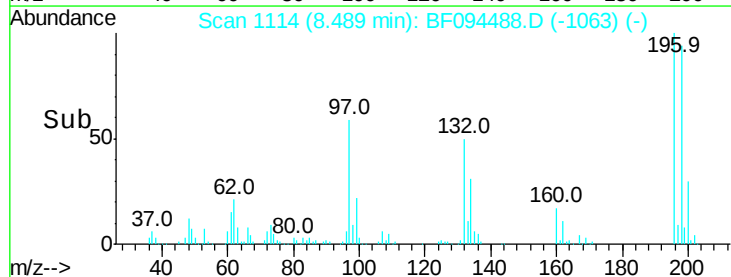
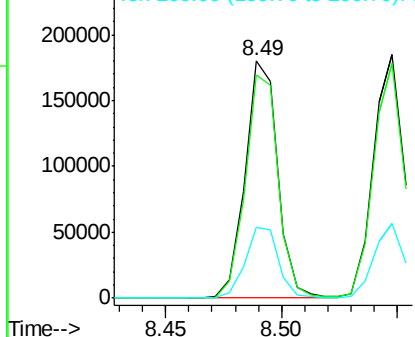


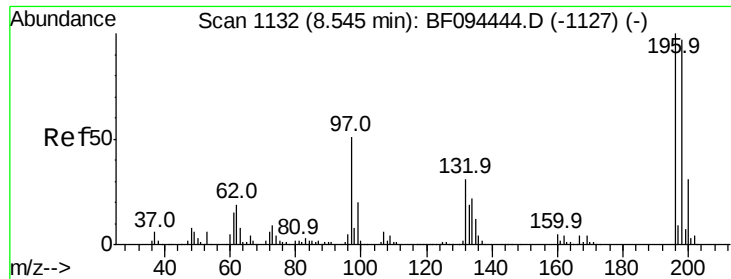
#42
 2,4,6-Trichlorophenol
 Concen: 38.95 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:196 Resp: 177599
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.2 111.4
 200 30.1 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

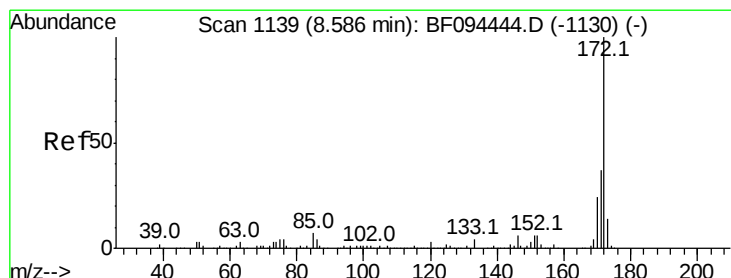
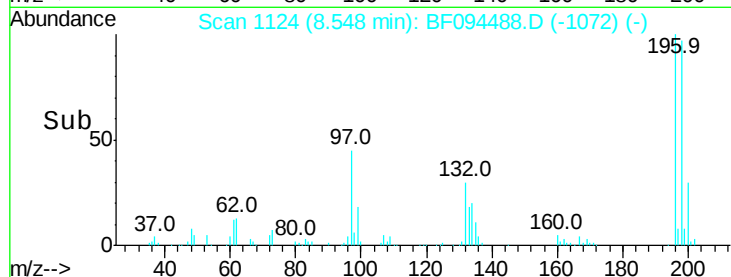
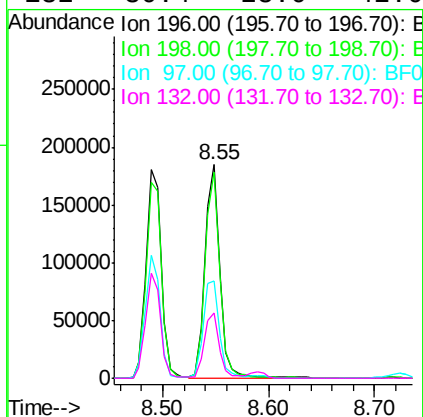
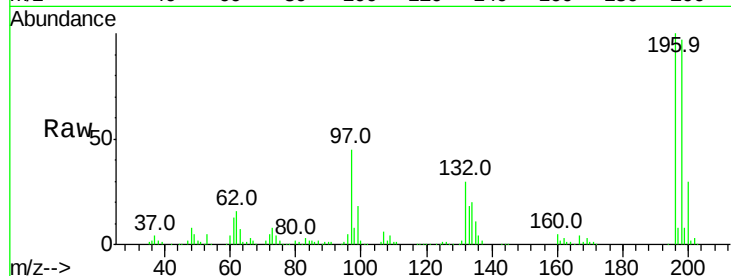




#43
 2,4,5-Trichlorophenol
 Concen: 38.68 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

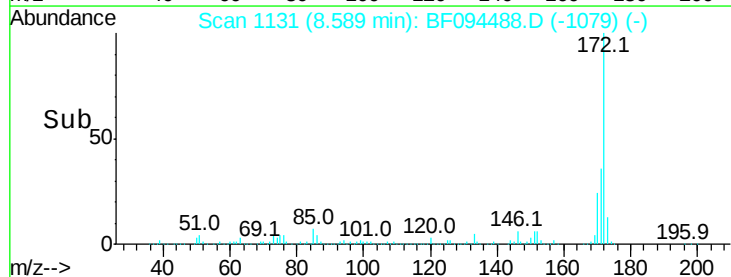
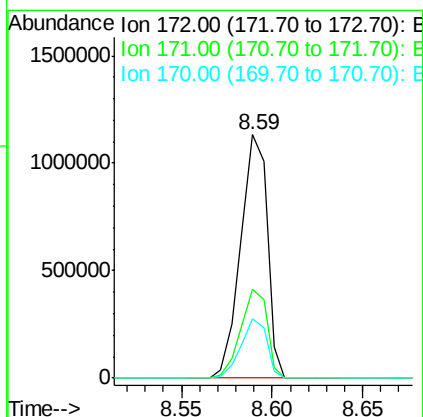
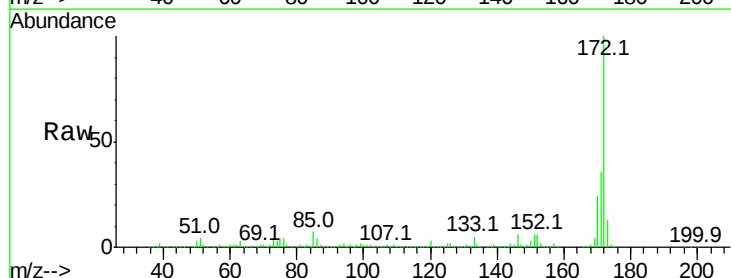
Instrument :
 BNA_F
 ClientSampleId :

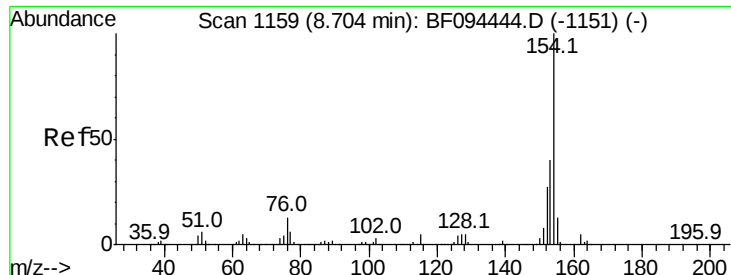
Tot Ion:	196	Resp:	181136
Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.7	113.5
97	45.4	47.7	71.5#
132	30.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 74.73 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:	172	Resp:	1158061
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	19.8	29.8

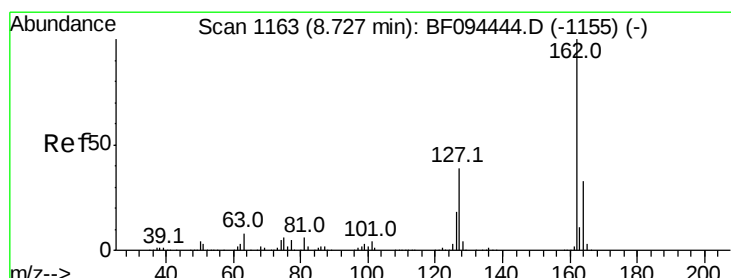
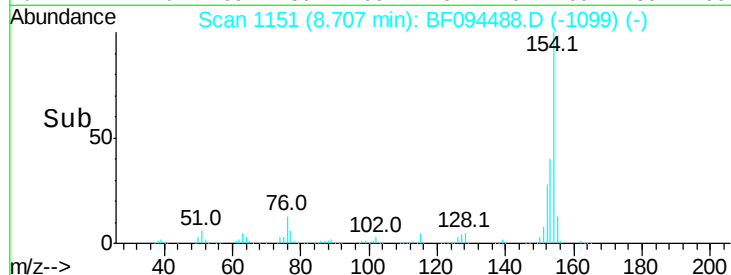
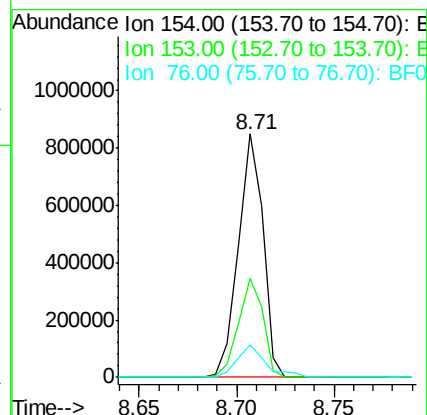
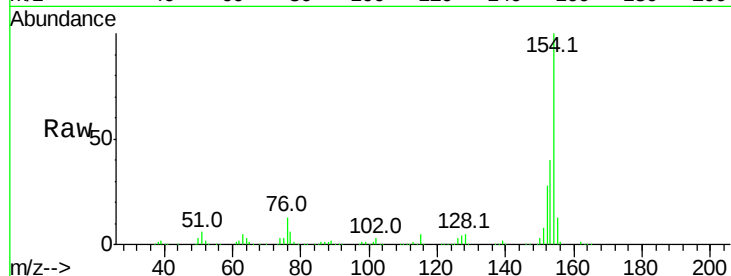




#45
 1,1'-Biphenyl
 Concen: 39.97 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

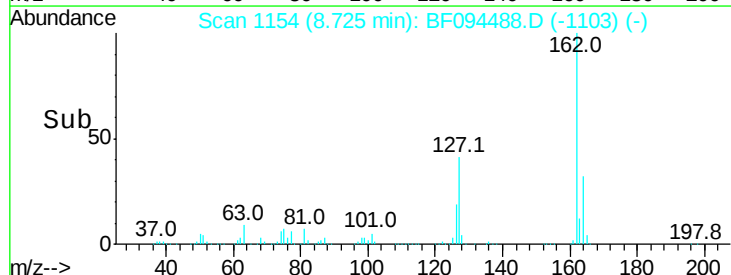
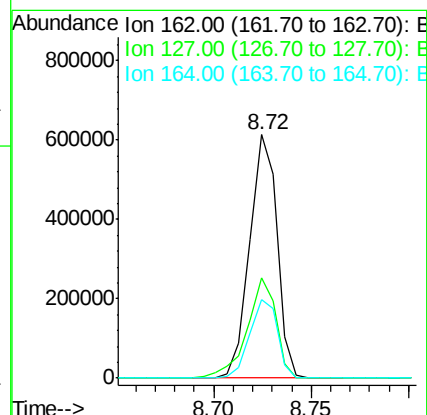
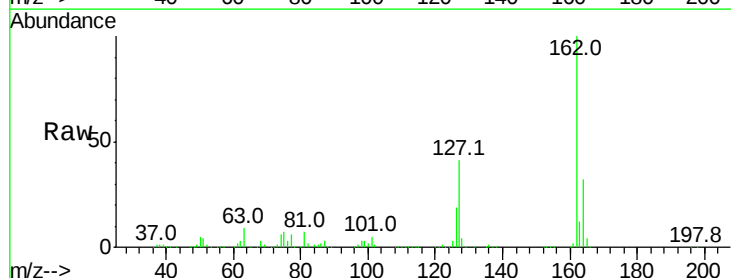
Instrument :
 BNA_F
 ClientSampleId :

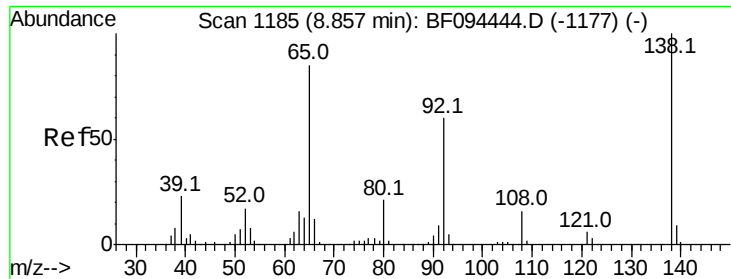
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	13.2	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 40.22 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	28.3	42.5
164	32.5	27.0	40.4

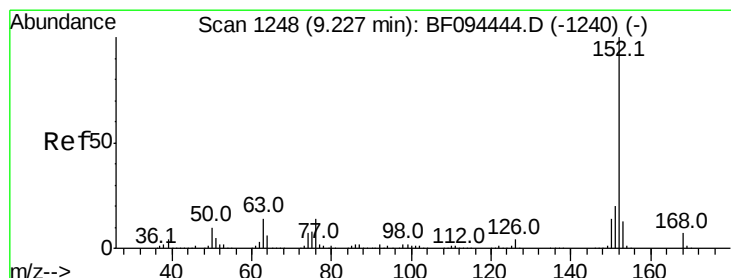
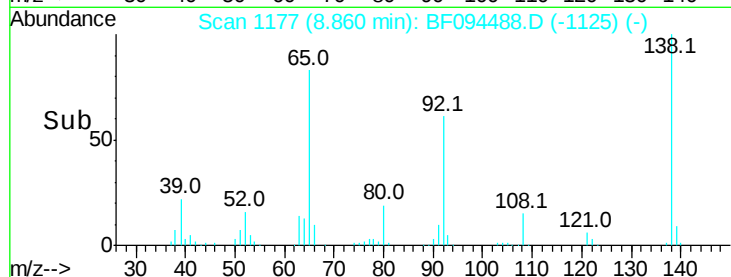
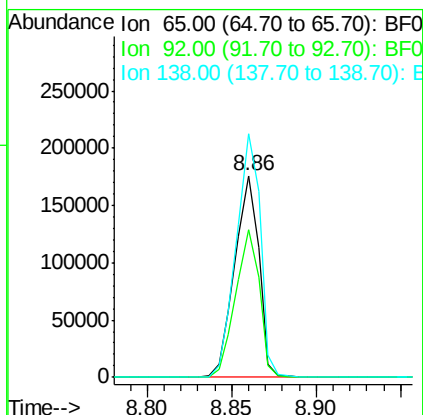
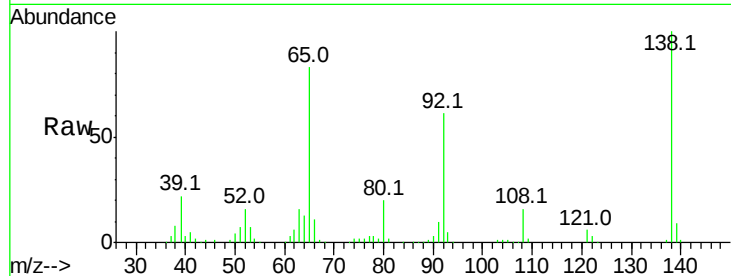




#47
 2-Nitroaniline
 Concen: 41.36 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

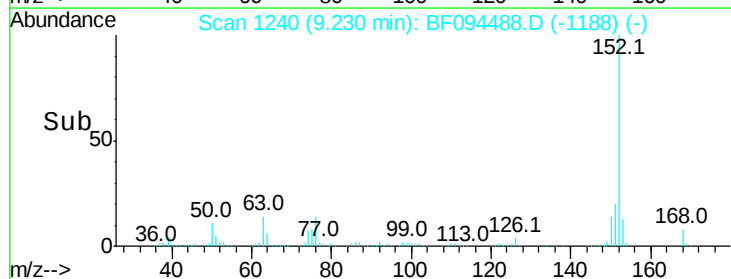
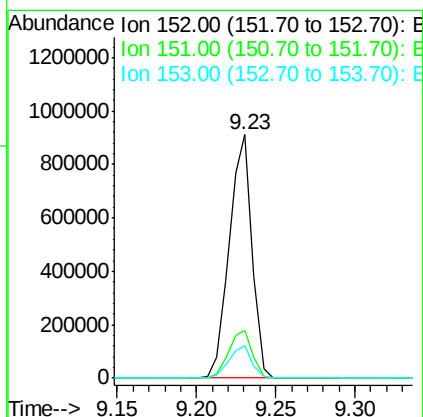
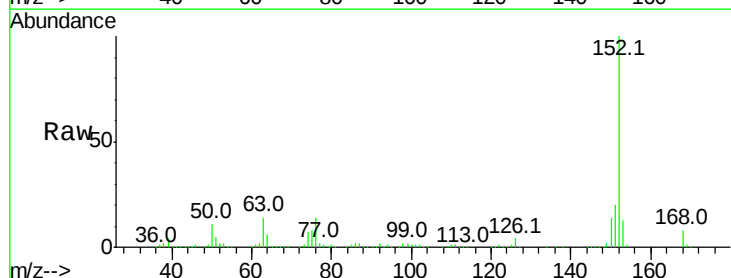
Instrument :
 BNA_F
 ClientSampleId :

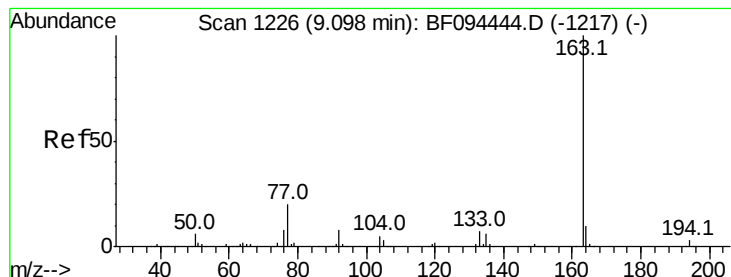
Tot Ion: 65 Resp: 176263
 Ion Ratio Lower Upper
 65 100
 92 73.1 53.9 80.9
 138 120.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.96 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:152 Resp: 899781
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 41.64 ng

RT: 9.10 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampled :

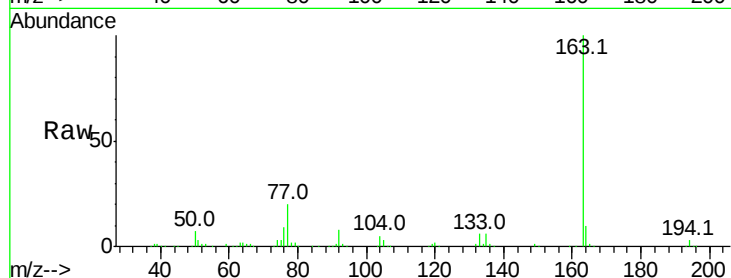
Tot Ion:163 Resp: 707573

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

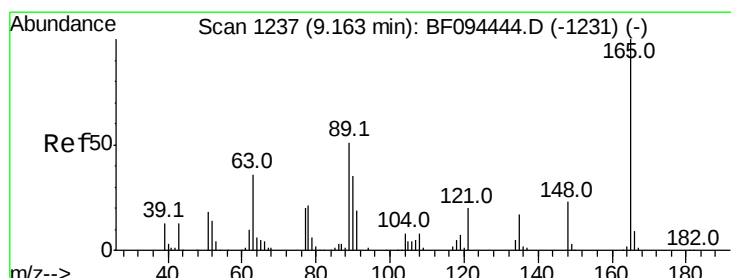
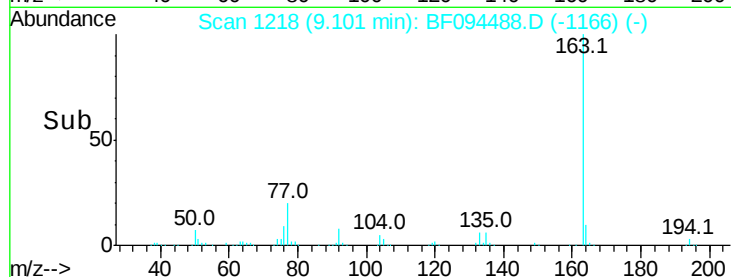
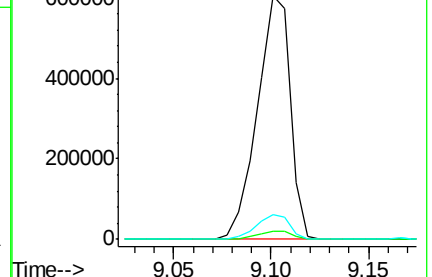
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.29 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

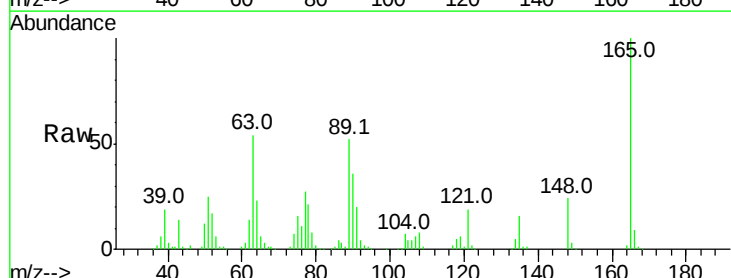
Tgt Ion:165 Resp: 157498

Ion Ratio Lower Upper

165 100

63 53.6 34.3 51.5#

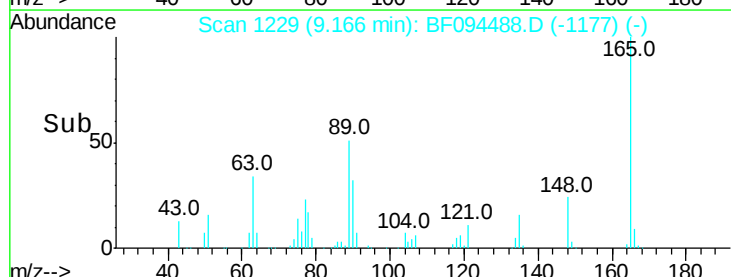
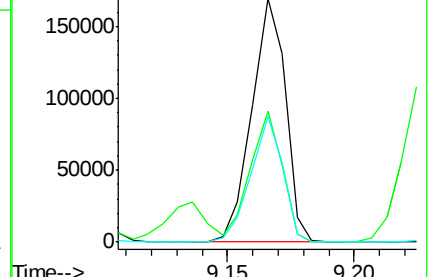
89 51.9 37.1 55.7

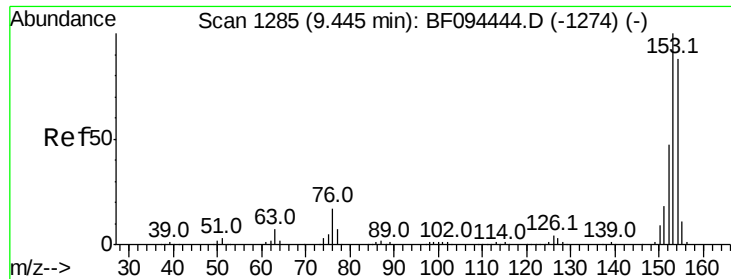


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.22 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

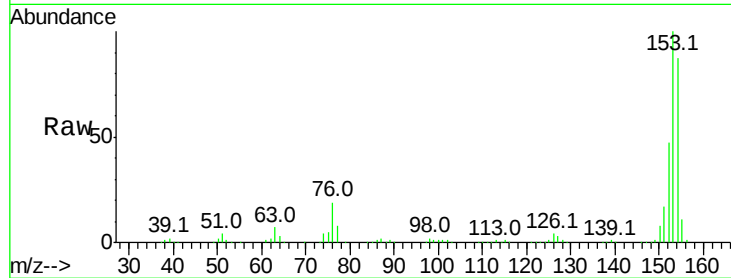
Tot Ion:154 Resp: 542414

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

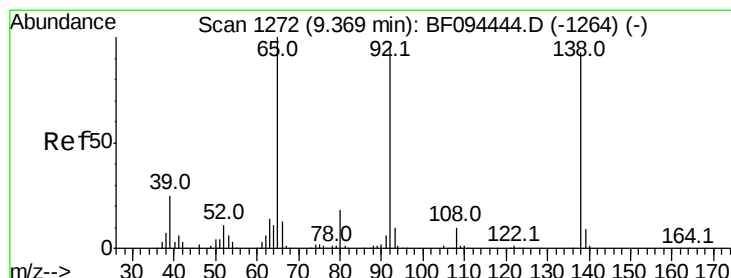
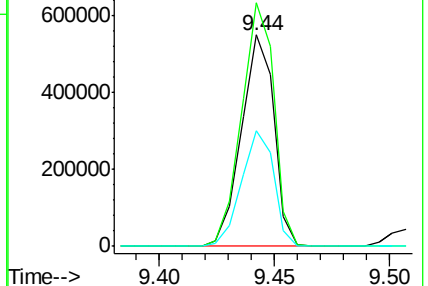
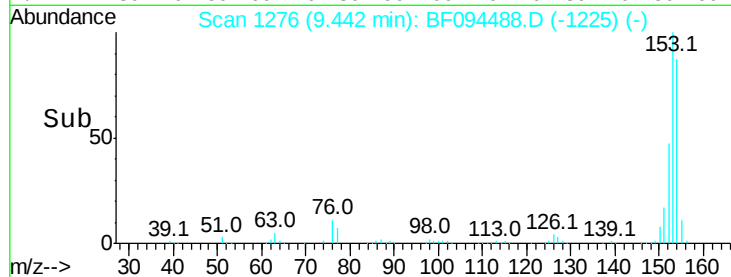
152 54.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.66 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

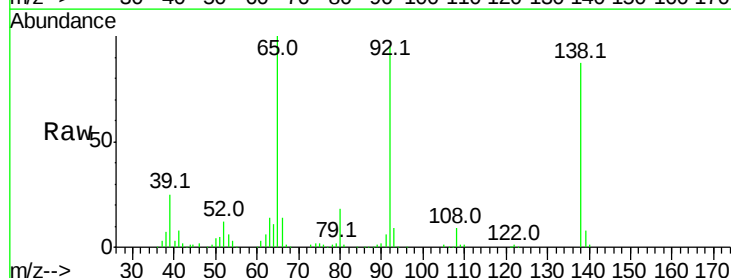
Tgt Ion:138 Resp: 179413

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

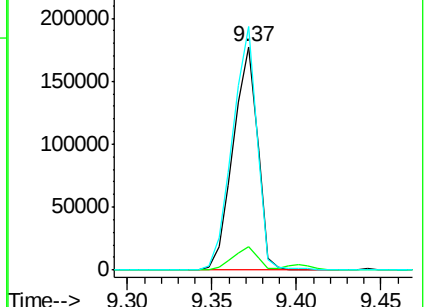
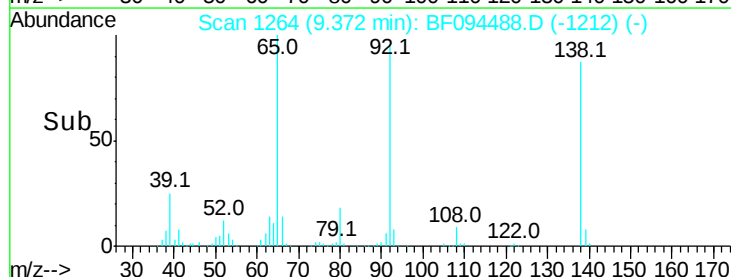
92 108.9 93.8 140.6

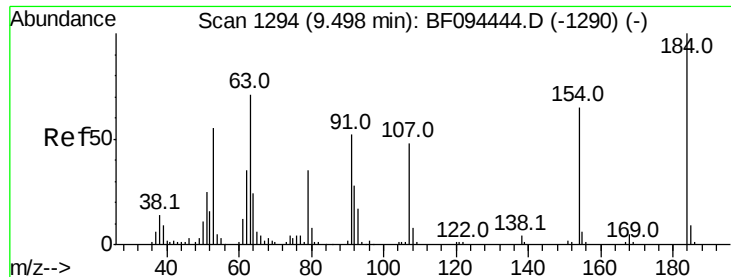


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

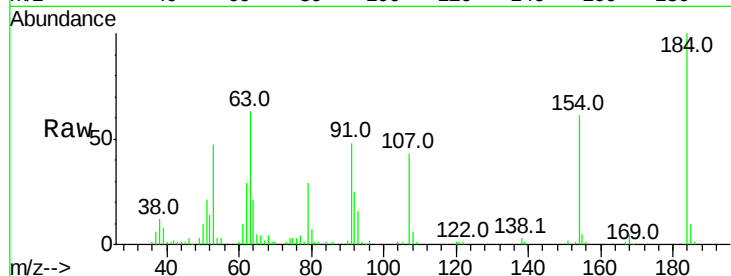




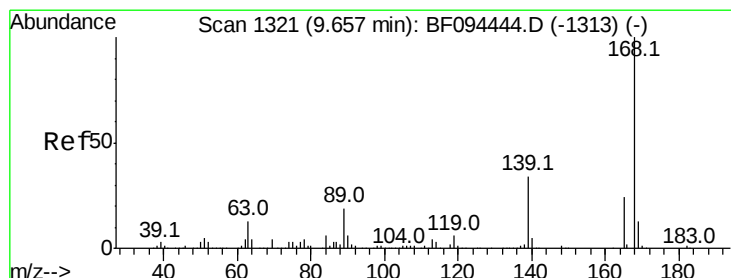
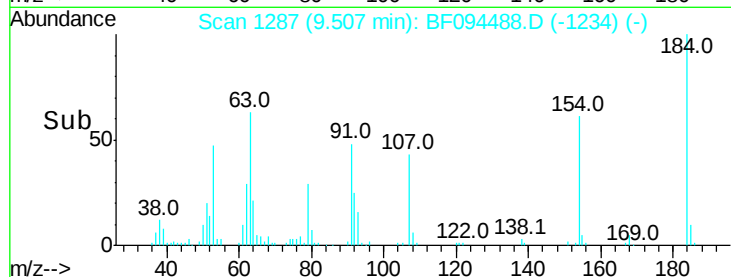
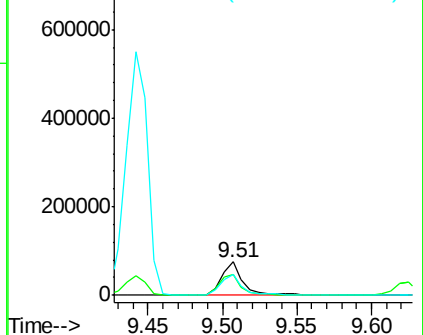
#53
 2,4-Dinitrophenol
 Concen: 40.71 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 77958
 Ion Ratio Lower Upper
 184 100
 63 63.0 62.7 94.1
 154 60.7 81.1 121.7#

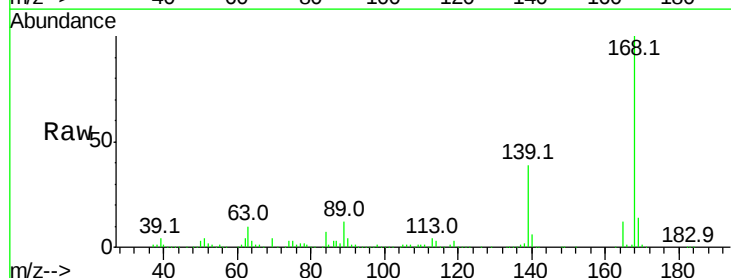


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

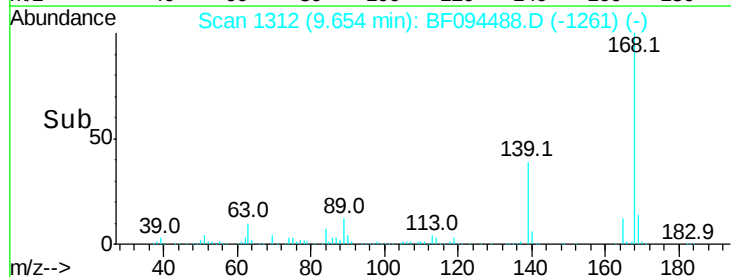
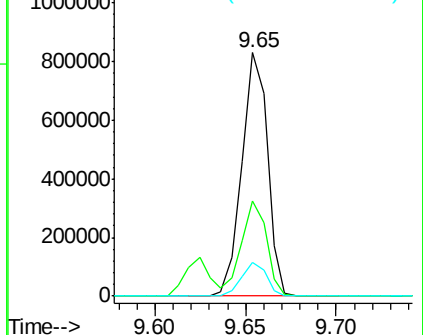


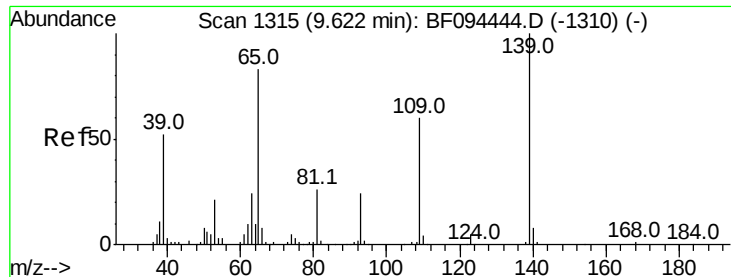
#54
 Dibenzofuran
 Concen: 40.57 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:168 Resp: 815498
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.6 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

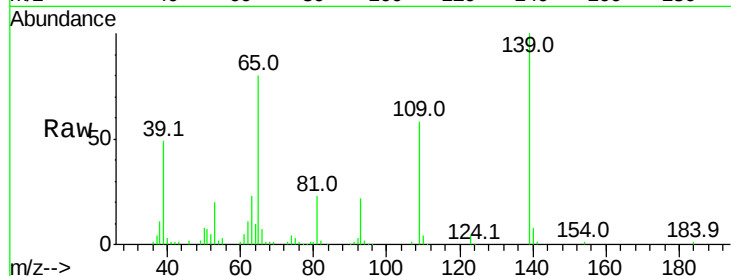




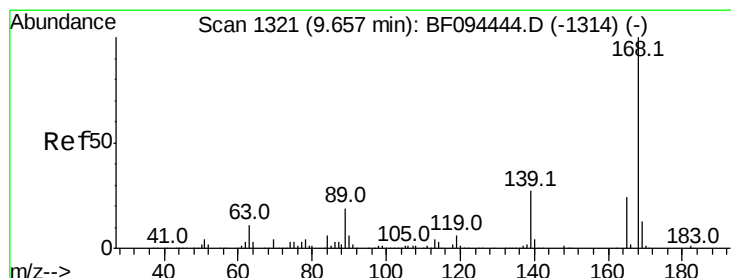
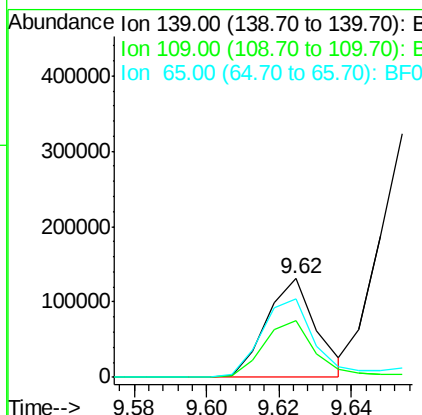
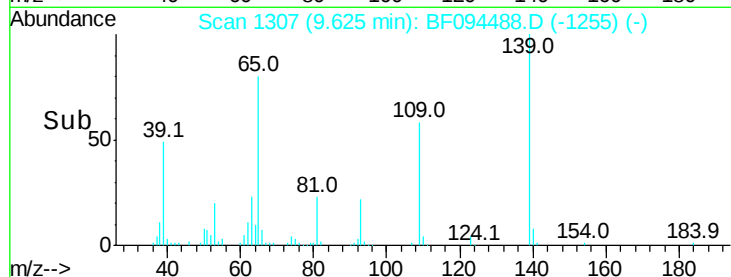
#55
4-Nitrophenol
Concen: 40.14 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 125133
Ion Ratio Lower Upper
139 100
109 57.6 34.1 74.1
65 79.7 31.4 71.4#

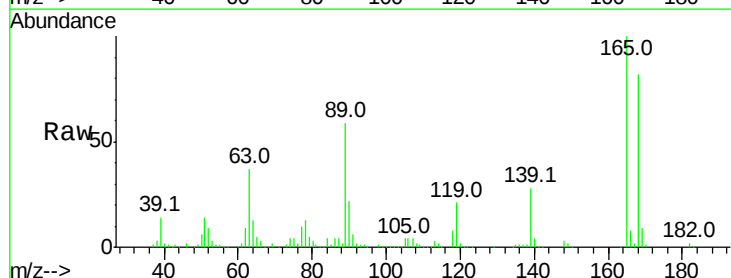


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

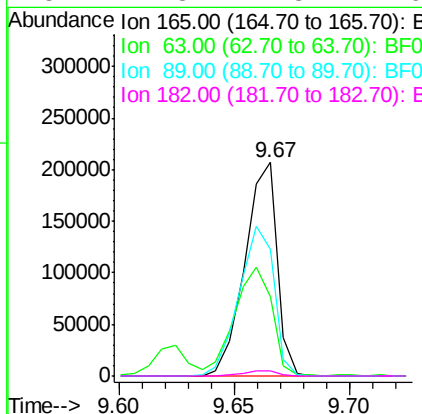
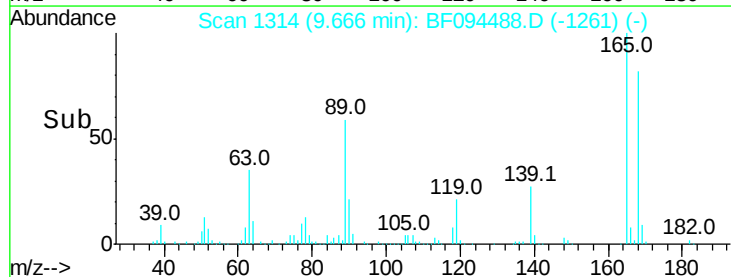


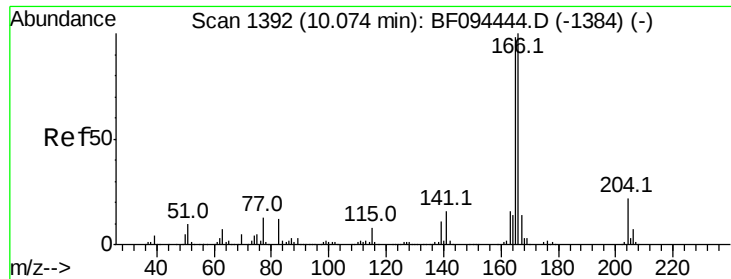
#56
2,4-Dinitrotoluene
Concen: 43.17 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:165 Resp: 202036
Ion Ratio Lower Upper
165 100
63 37.1 25.4 38.0
89 59.4 46.4 69.6
182 2.3 1.8 2.6



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

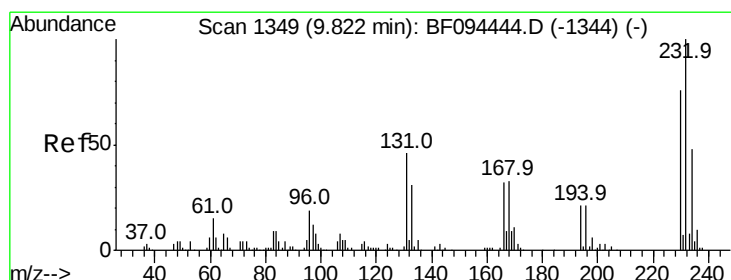
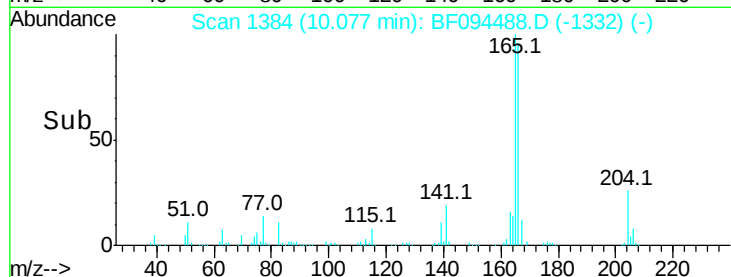
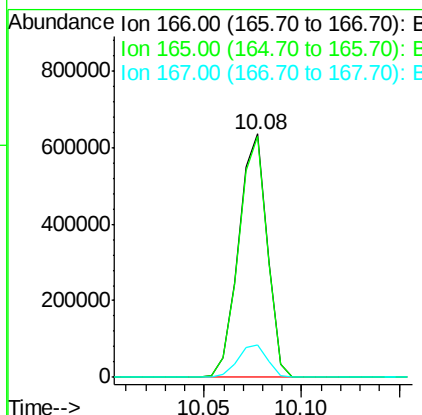
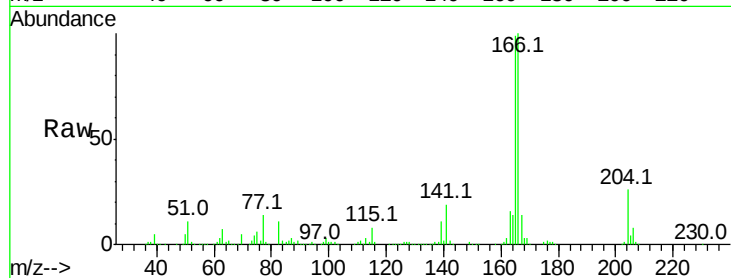




#57
 Fluorene
 Concen: 41.11 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

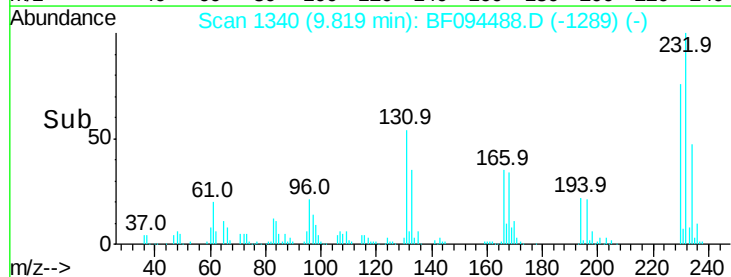
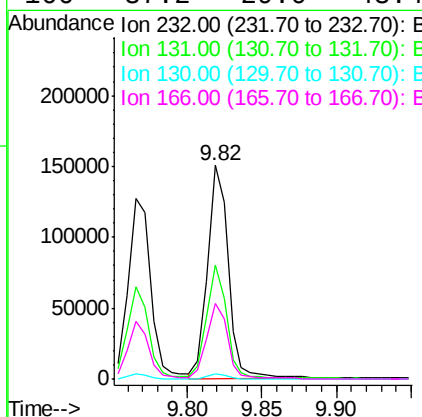
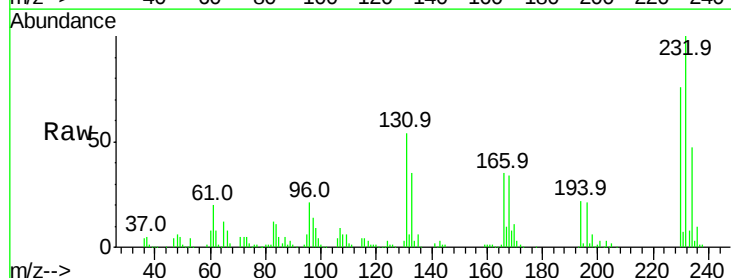
Instrument :
 BNA_F
 ClientSampleId :

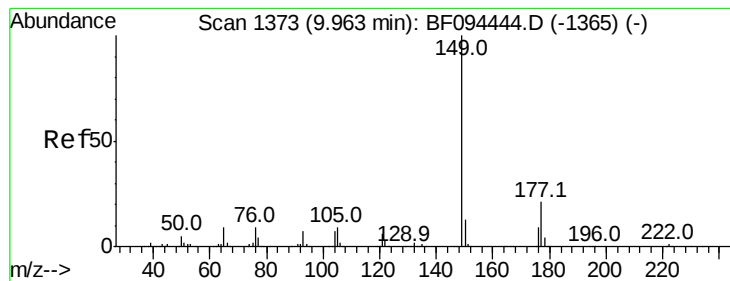
Tot Ion:166 Resp: 643502
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.01 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:232 Resp: 144366
 Ion Ratio Lower Upper
 232 100
 131 53.2 44.8 67.2
 130 2.5 2.3 3.5
 166 37.2 29.0 43.4





#59

Diethylphthalate

Concen: 43.02 ng

RT: 9.97 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampled :

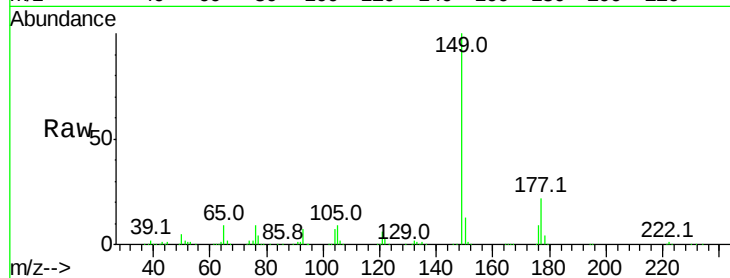
Tot Ion:149 Resp: 689782

Ion Ratio Lower Upper

149 100

177 22.1 16.7 25.1

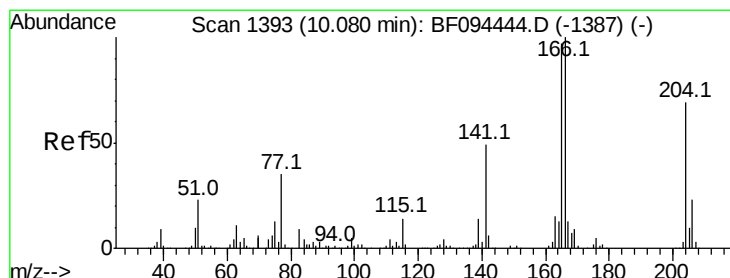
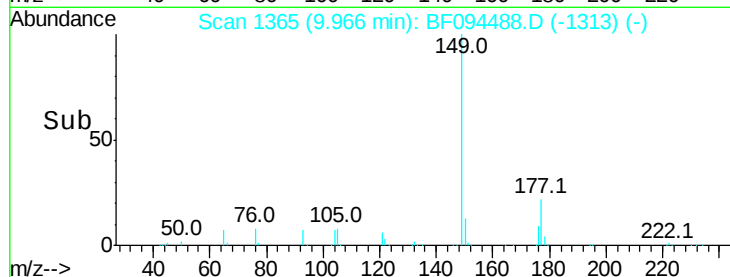
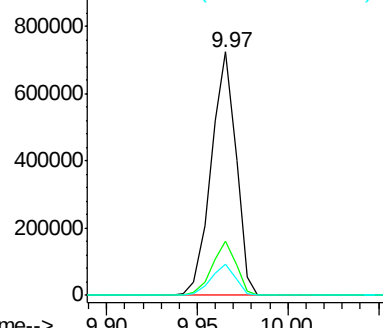
150 12.7 10.2 15.2



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: 43.14 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

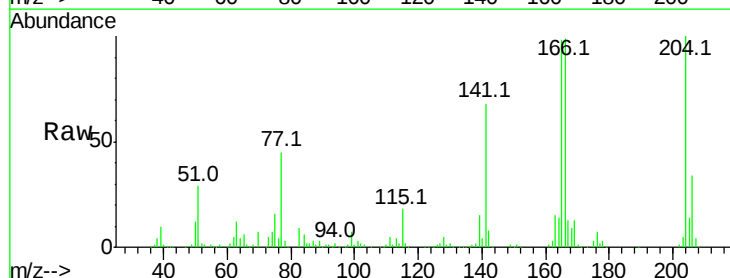
Tgt Ion:204 Resp: 281061

Ion Ratio Lower Upper

204 100

206 33.6 26.2 39.2

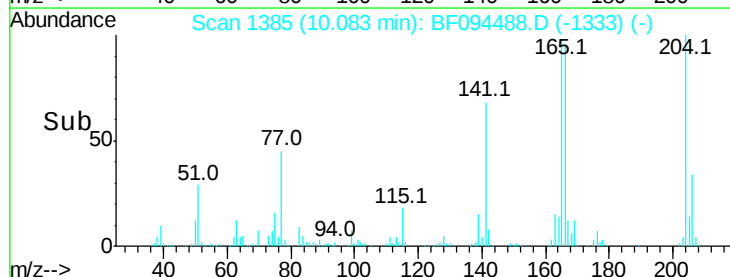
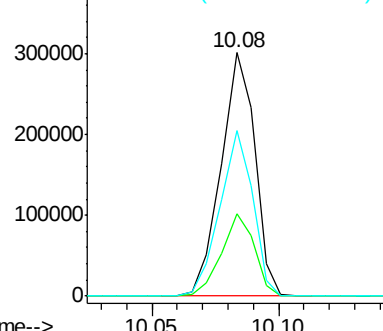
141 67.8 60.8 91.2

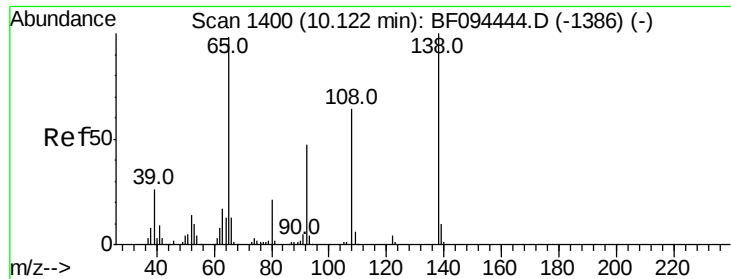


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

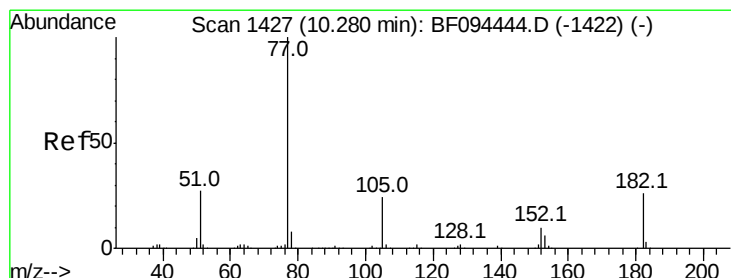
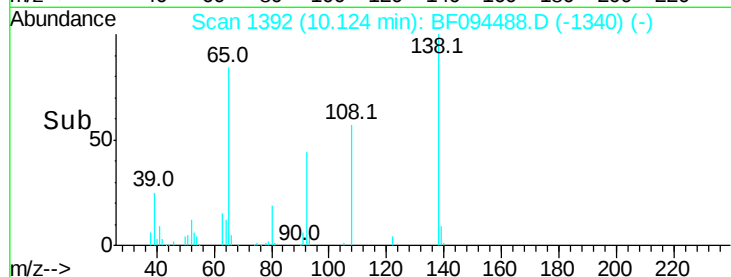
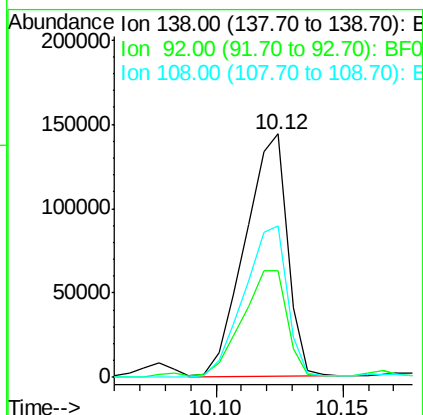
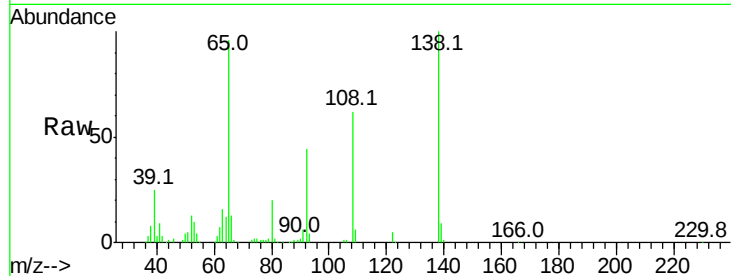




#61
4-Nitroaniline
Concen: 37.47 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

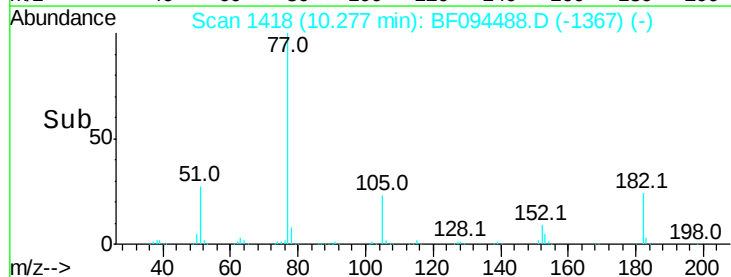
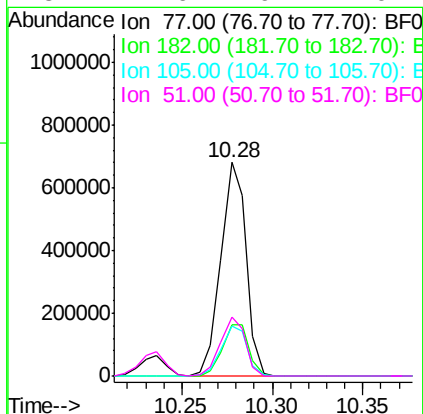
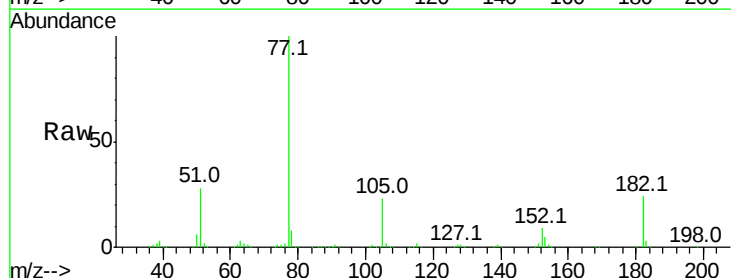
Instrument :
BNA_F
ClientSampleId :

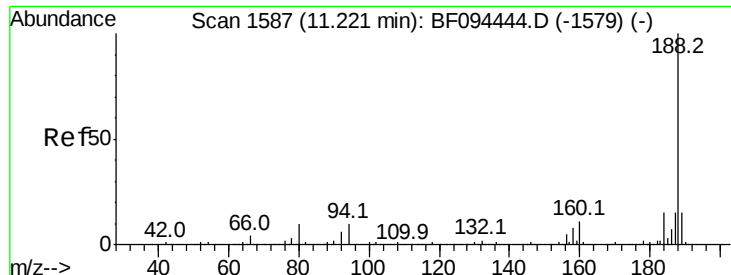
Tot Ion:138 Resp: 168112
Ion Ratio Lower Upper
138 100
92 43.9 21.8 61.8
108 62.5 42.3 82.3



#62
Azobenzene
Concen: 42.30 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion: 77 Resp: 658516
Ion Ratio Lower Upper
77 100
182 23.8 0.1 40.1
105 23.3 3.6 43.6
51 27.6 9.4 49.4

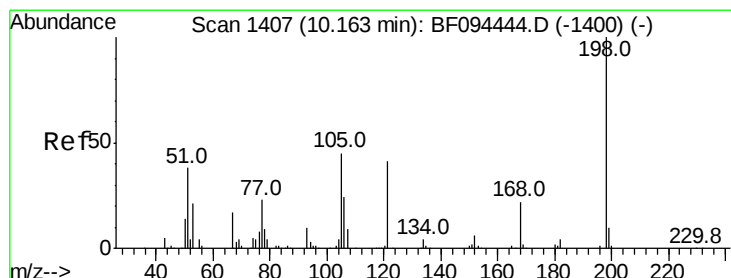
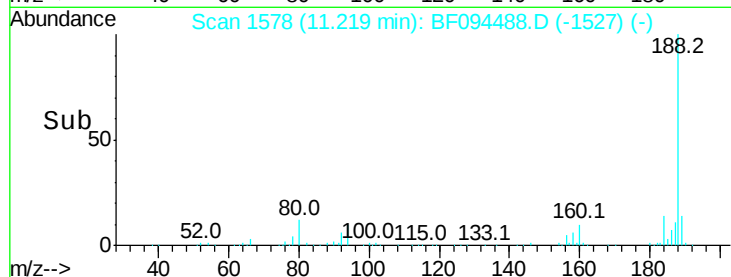
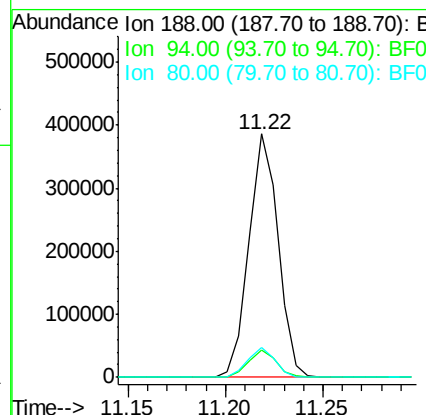
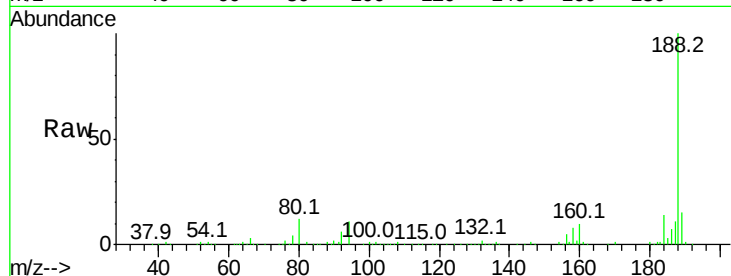




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

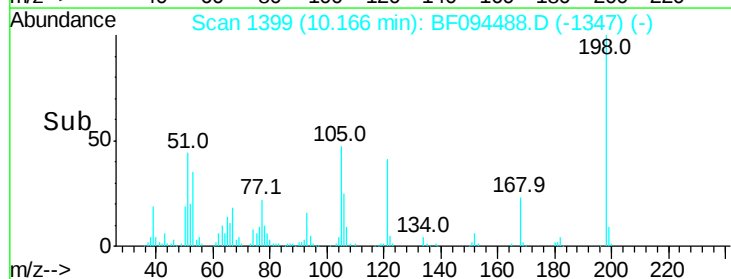
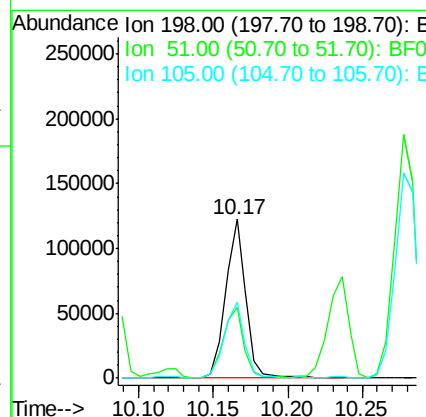
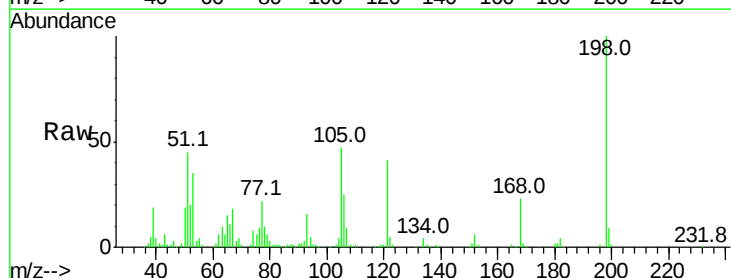
Instrument :
BNA_F
ClientSampled :

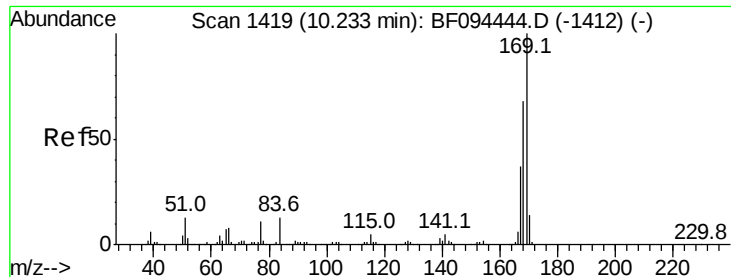
Tot Ion:188 Resp: 400570
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 44.41 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:198 Resp: 116553
Ion Ratio Lower Upper
198 100
51 44.6 53.2 93.2#
105 47.4 45.8 85.8

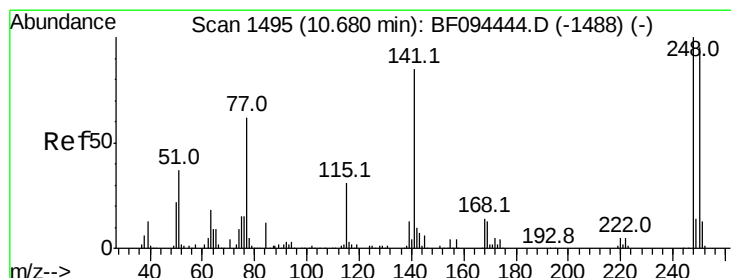
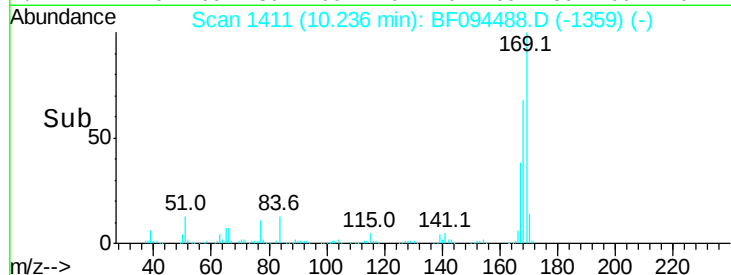
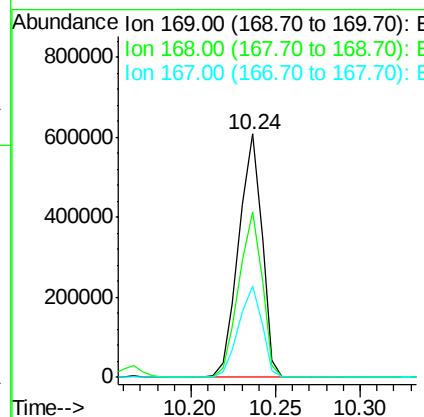
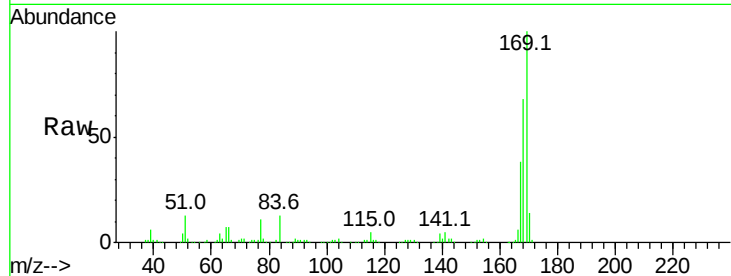




#65
 n-Nitrosodiphenylamine
 Concen: 41.90 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

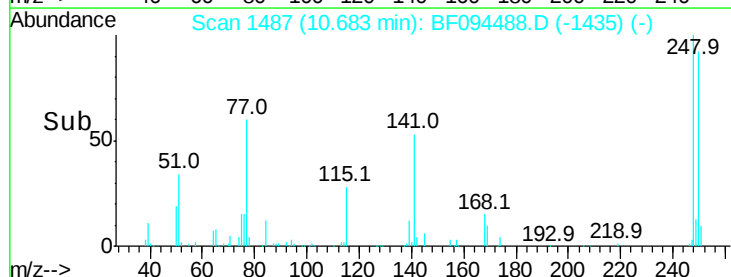
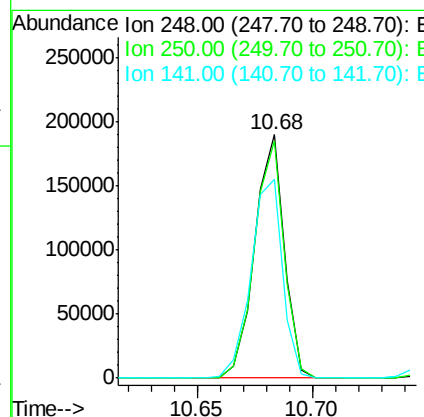
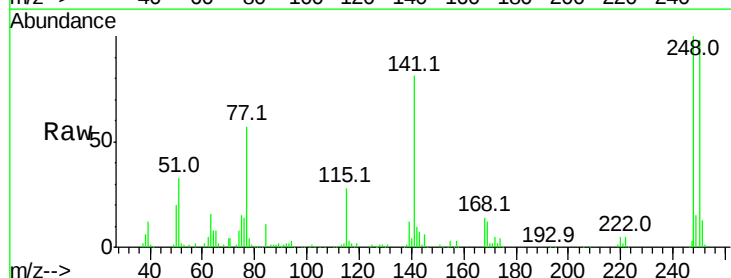
Instrument :
 BNA_F
 ClientSampleId :

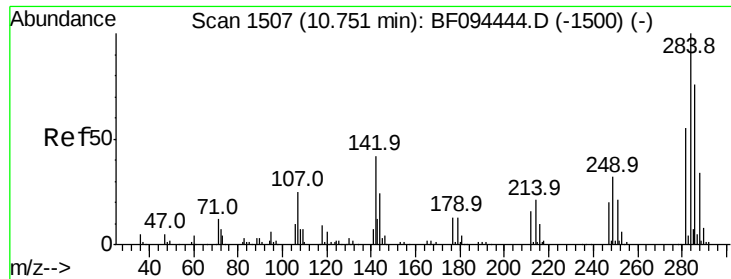
Tot Ion:169 Resp: 583764
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.2 79.8
 167 37.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.80 ng
 RT: 10.68 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:248 Resp: 170231
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.8 115.2
 141 81.4 68.6 103.0

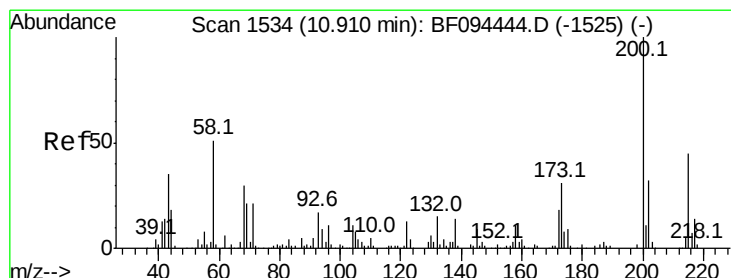
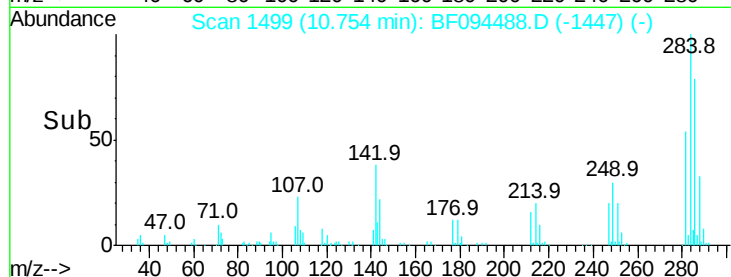
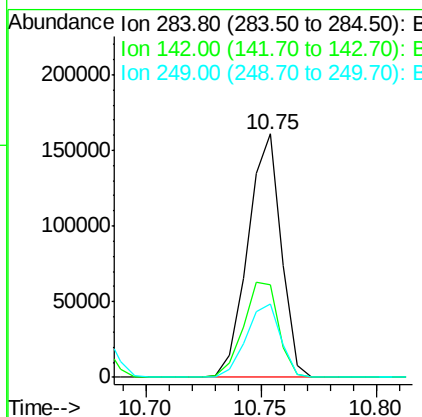
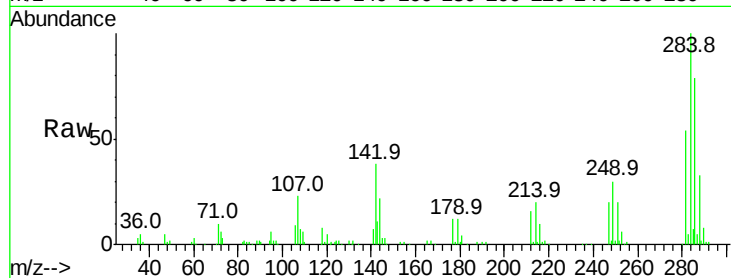




#67
Hexachlorobenzene
Concen: 40.43 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

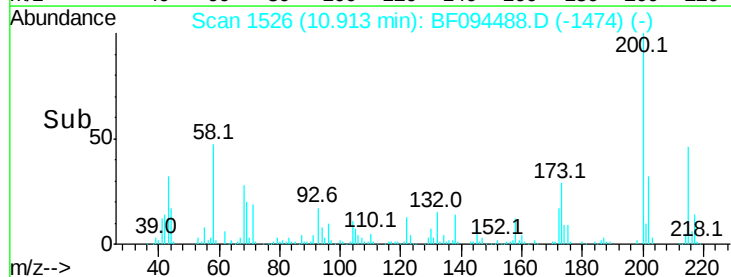
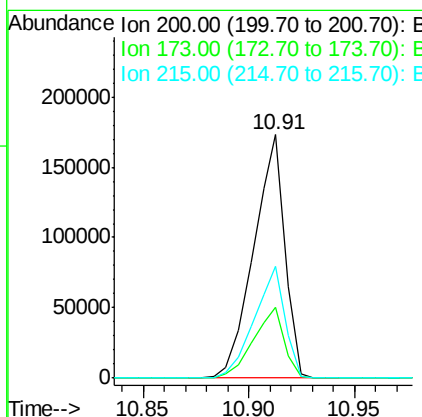
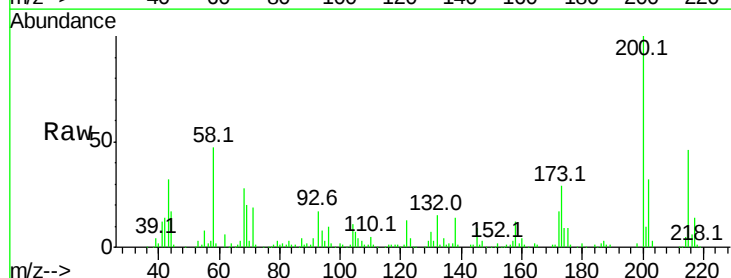
Instrument :
BNA_F
ClientSampleId :

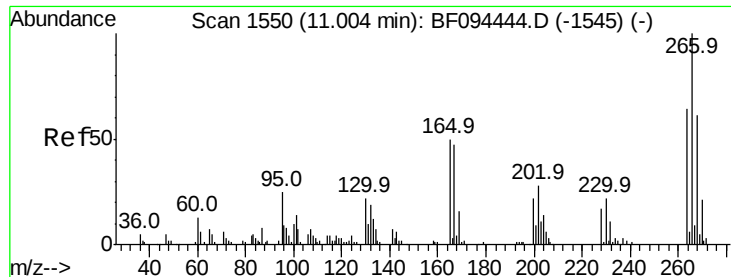
Tot Ion:284 Resp: 162051
Ion Ratio Lower Upper
284 100
142 38.0 22.8 34.2#
249 30.4 24.0 36.0



#68
Atrazine
Concen: 42.45 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:200 Resp: 176928
Ion Ratio Lower Upper
200 100
173 28.9 6.3 46.3
215 45.8 27.2 67.2





#69

Pentachlorophenol

Concen: 46.47 ng

RT: 11.01 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampled :

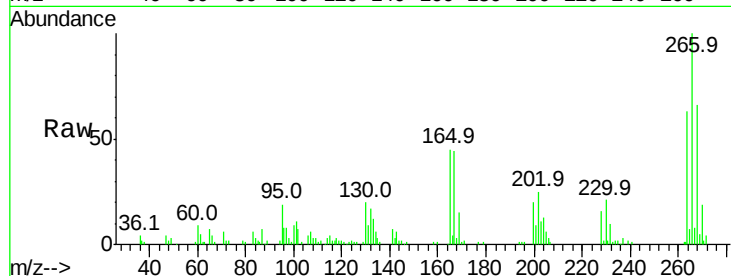
Tot Ion:266 Resp: 73960

Ion Ratio Lower Upper

266 100

268 66.1 51.1 76.7

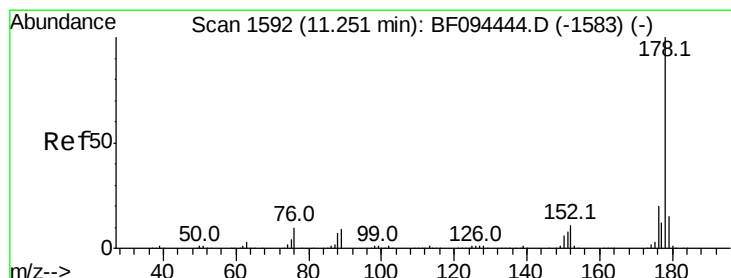
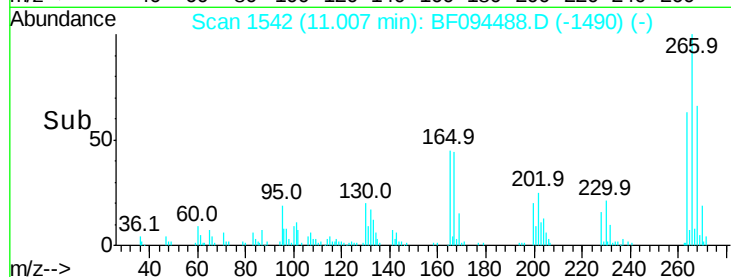
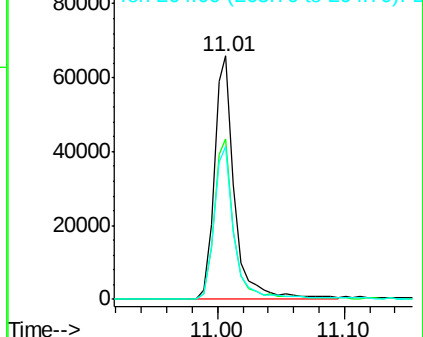
264 62.9 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.10 ng

RT: 11.25 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

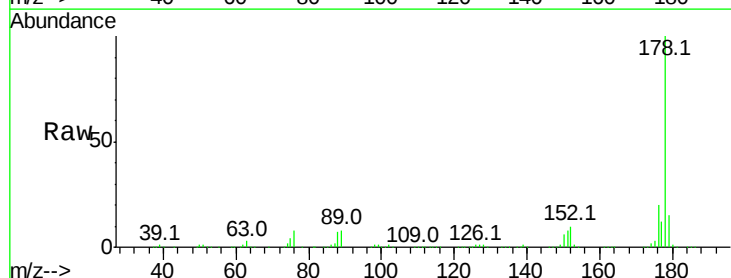
Tgt Ion:178 Resp: 904644

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

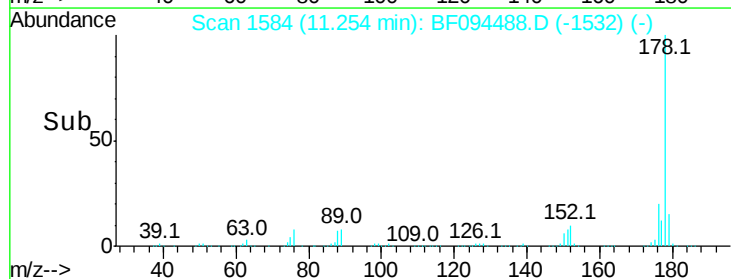
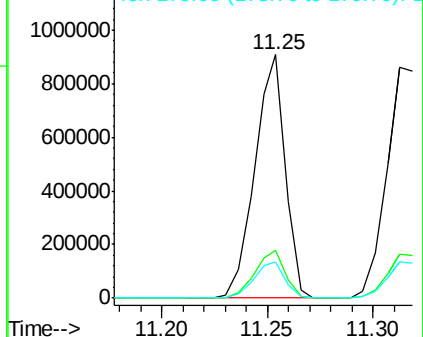
179 15.1 12.6 19.0

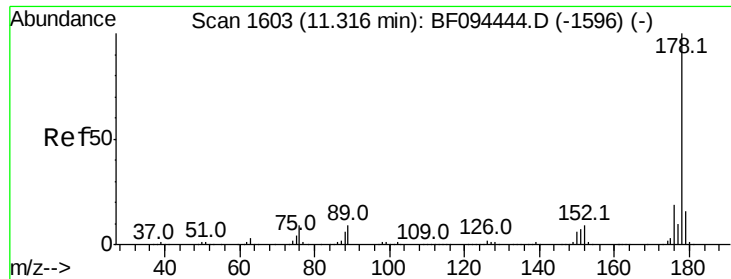


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

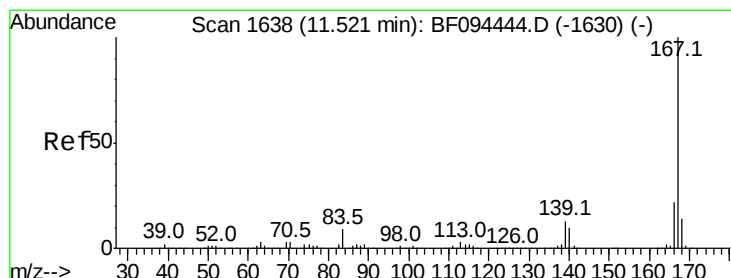
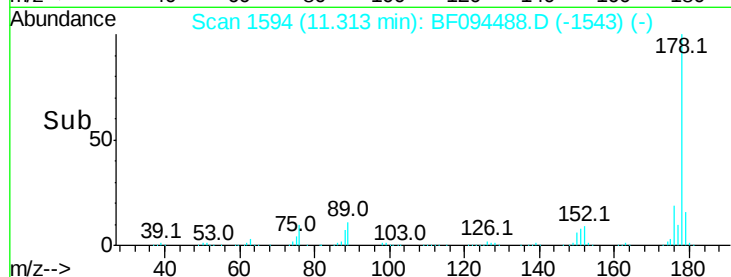
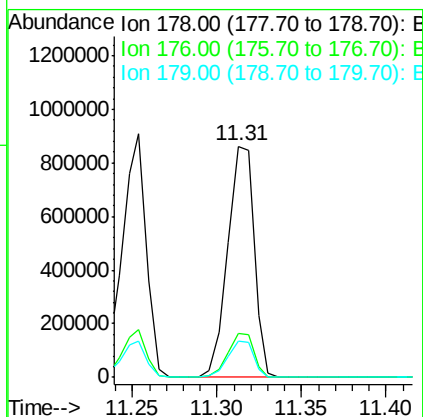
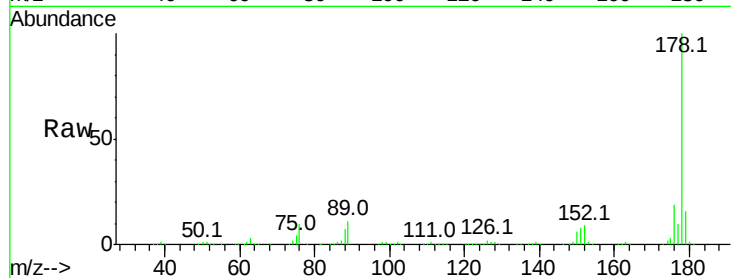




#71
 Anthracene
 Concen: 40.26 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

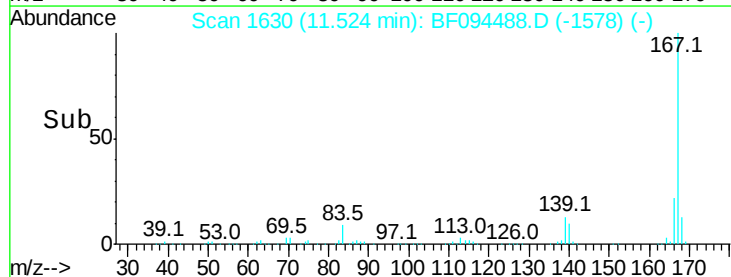
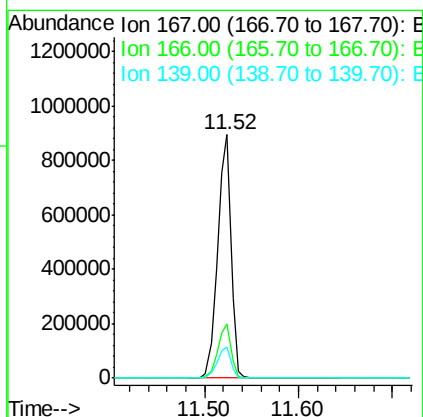
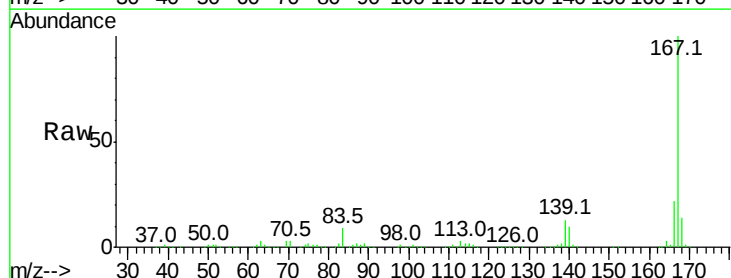
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 939381
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 40.77 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:167 Resp: 892892
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.8 11.7 17.5

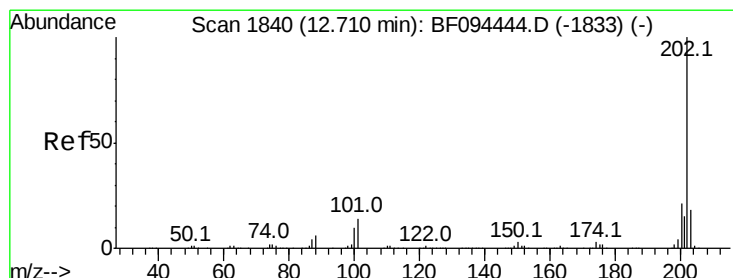
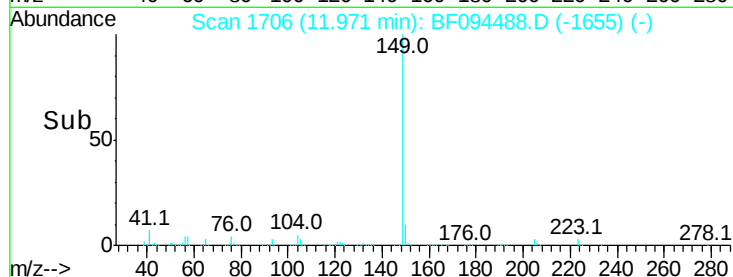
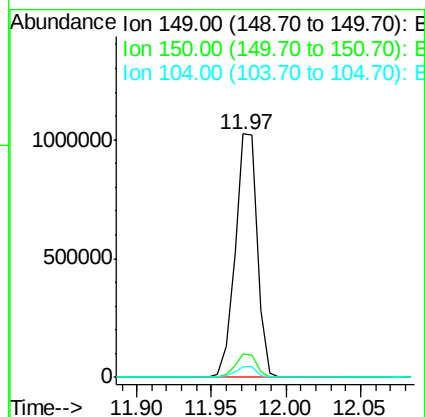
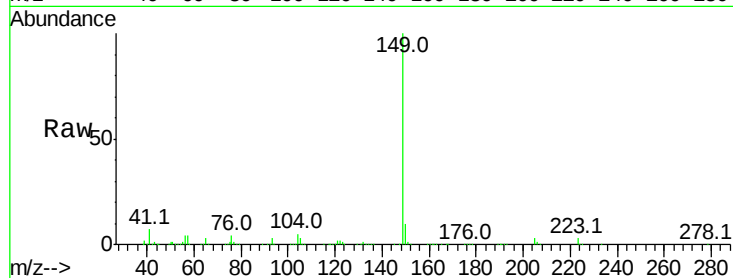




#73
Di-n-butylphthalate
Concen: 44.15 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

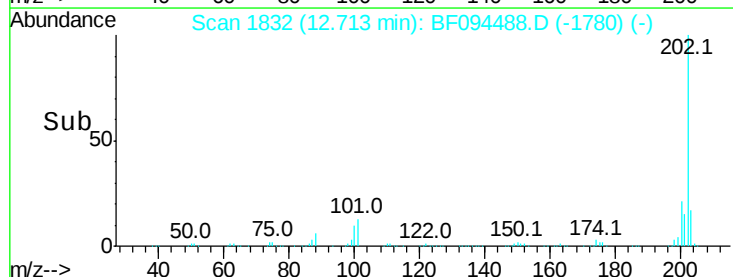
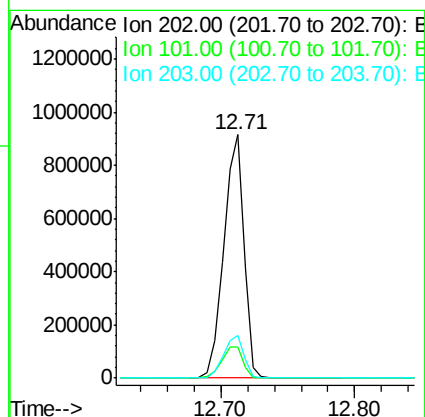
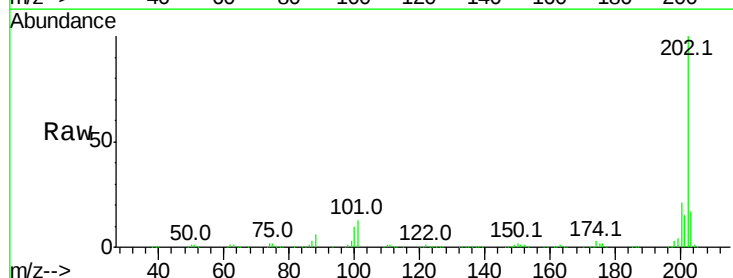
Instrument :
BNA_F
ClientSampleId :

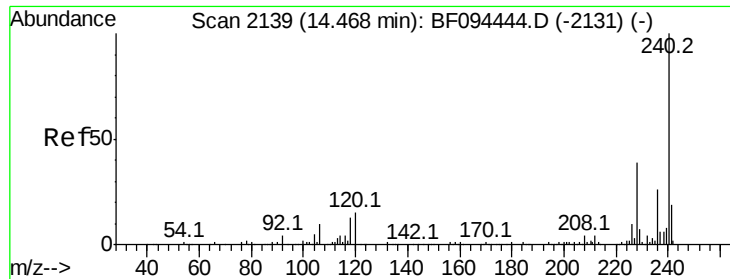
Tot Ion:149 Resp: 1064602
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 41.76 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:202 Resp: 976349
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.2
203 17.4 0.0 38.1

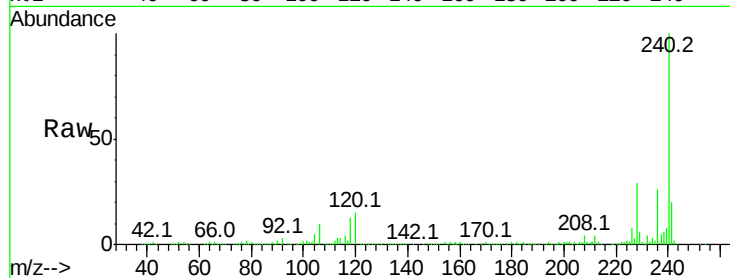




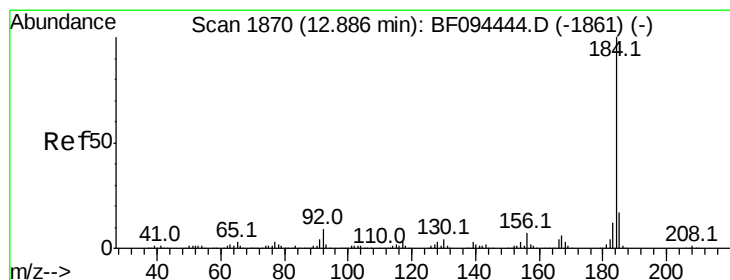
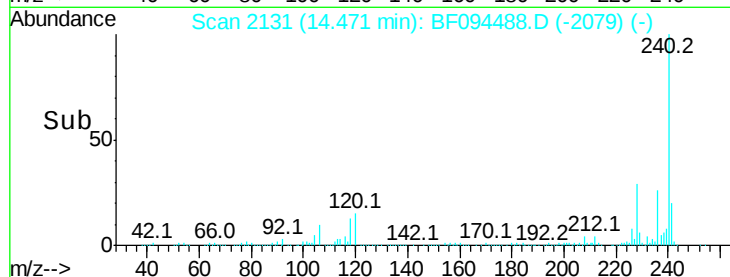
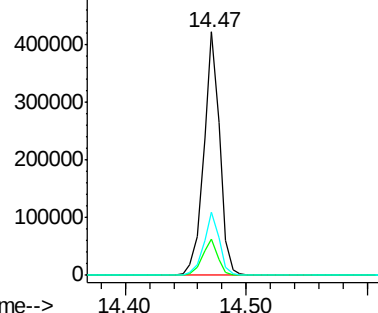
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 386277
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 26.2 20.5 30.7

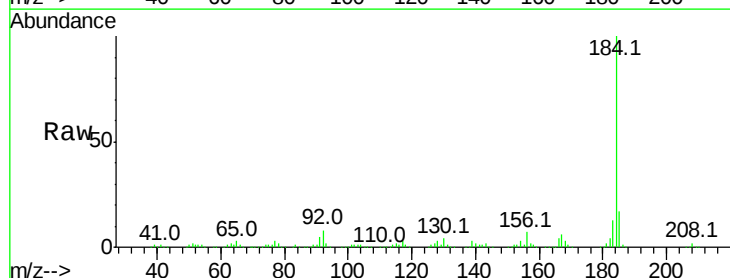


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

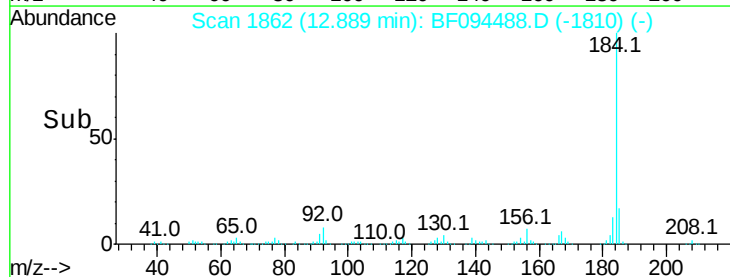
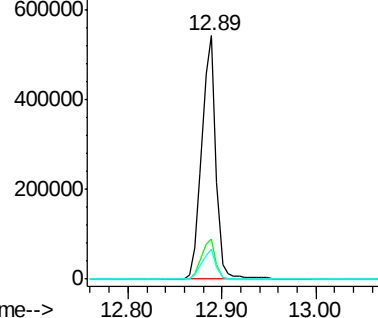


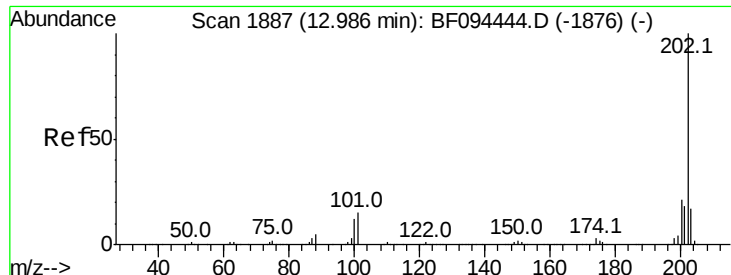
#76
Benzidine
Concen: 36.48 ng
RT: 12.89 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:184 Resp: 570597
Ion Ratio Lower Upper
184 100
185 16.5 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

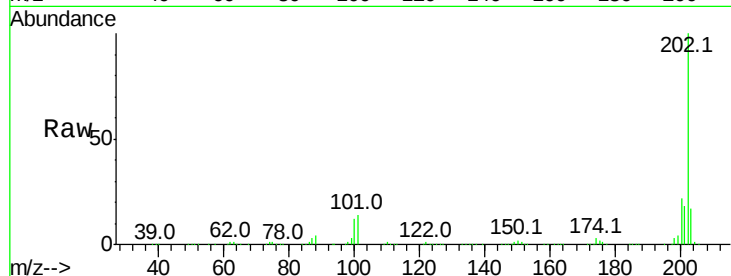




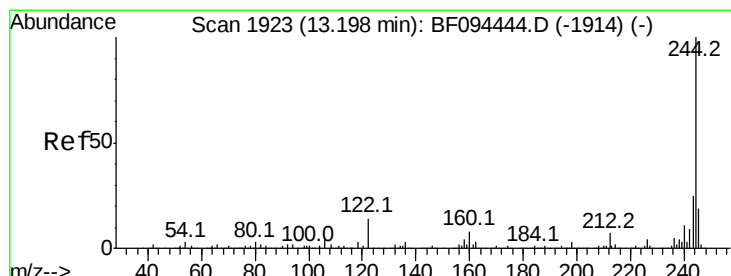
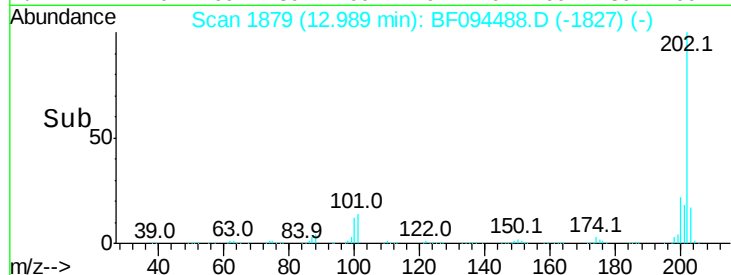
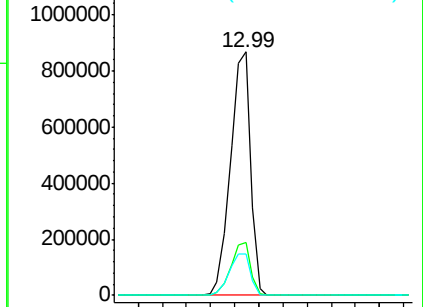
#77
Pvrene
Concen: 37.29 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1006395
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.1 14.4 21.6

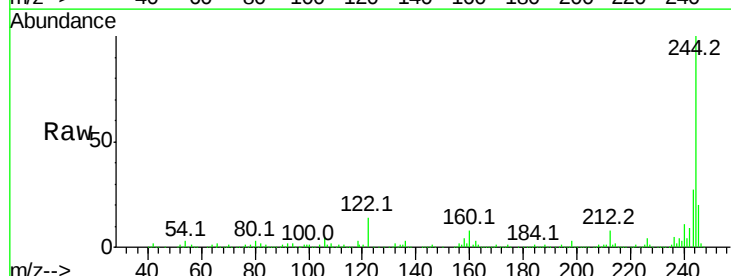


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

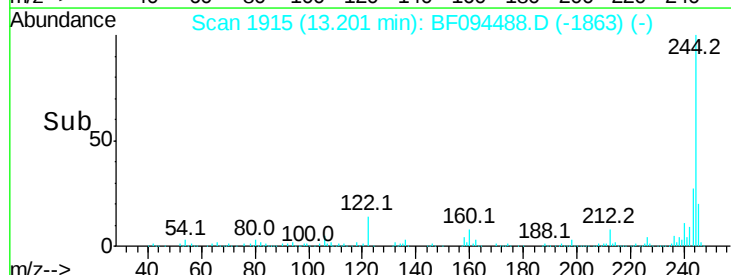
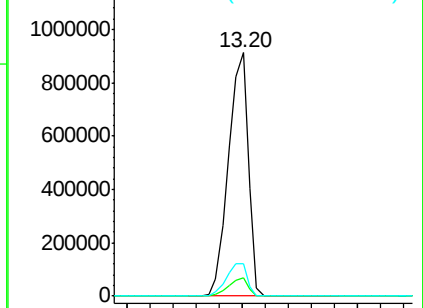


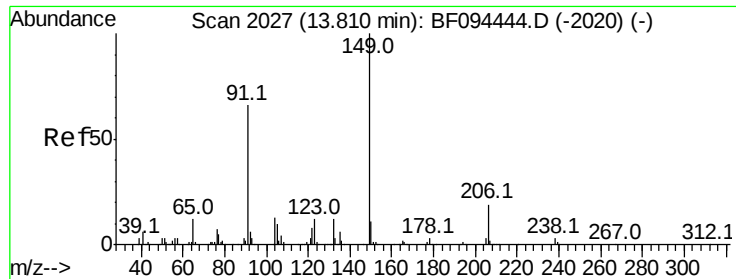
#78
Terphenyl-d14
Concen: 75.37 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:244 Resp: 1089150
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 13.6 10.3 15.5



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

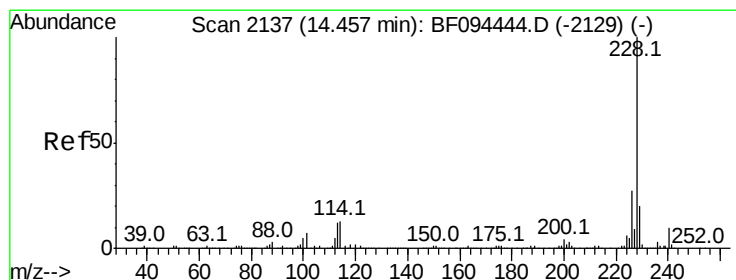
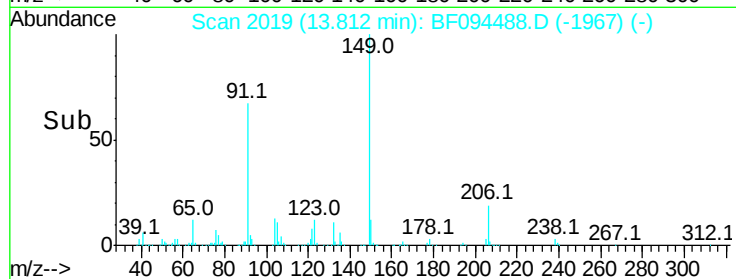
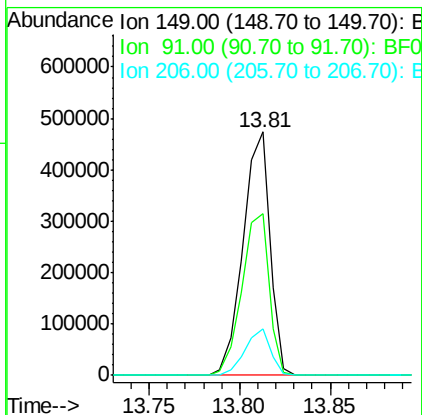
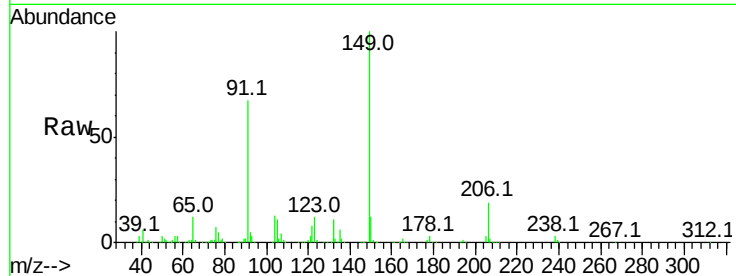




#79
Butylbenzylphthalate
Concen: 41.30 ng
RT: 13.81 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

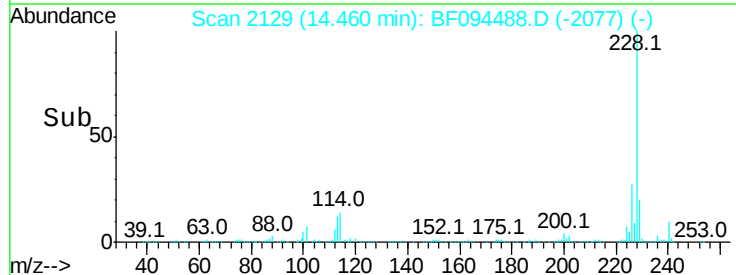
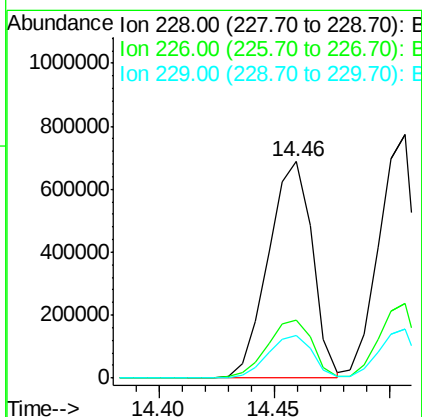
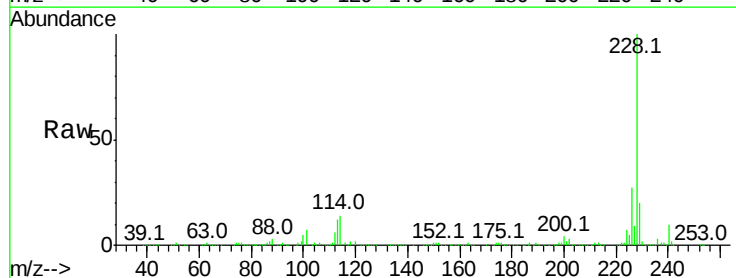
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 488422
Ion Ratio Lower Upper
149 100
91 66.5 45.0 67.4
206 19.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.42 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:228 Resp: 907498
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.0 16.3 24.5

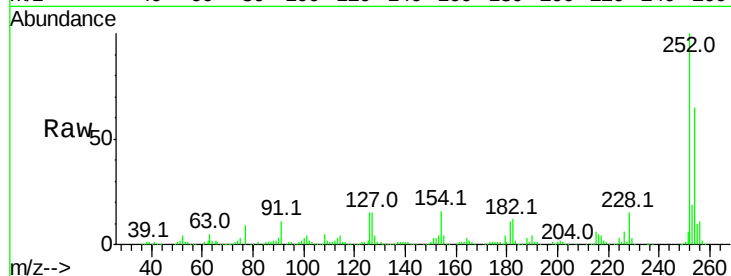




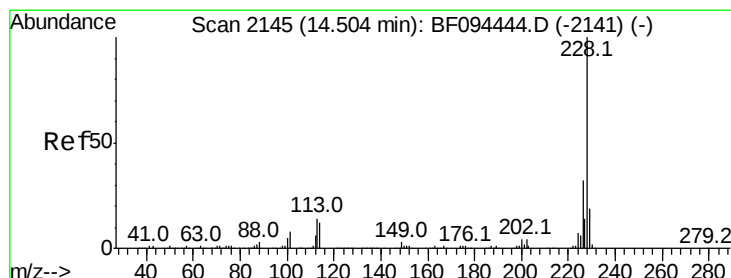
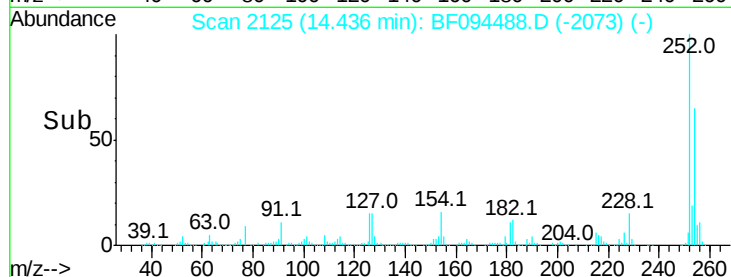
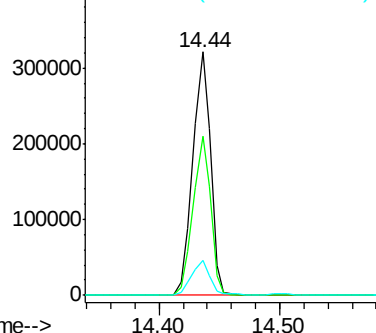
#81
 3,3'-Dichlorobenzidine
 Concen: 41.25 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	14.6	15.8	23.8#

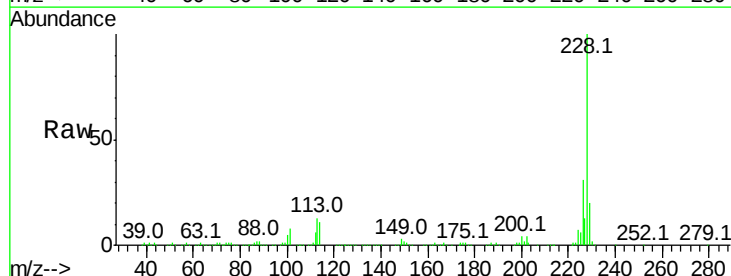


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

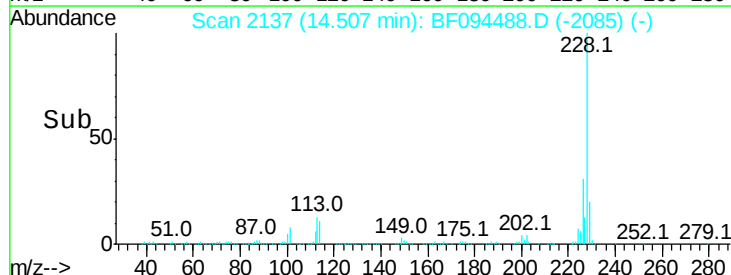
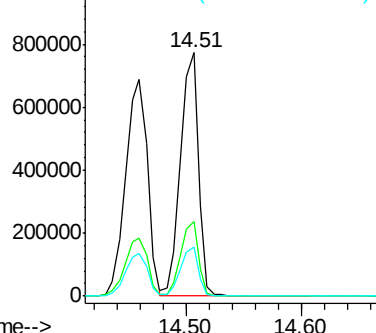


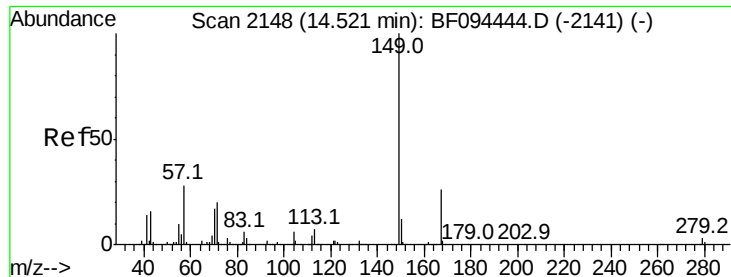
#82
 Chrysene
 Concen: 41.06 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.9	15.8	23.6



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

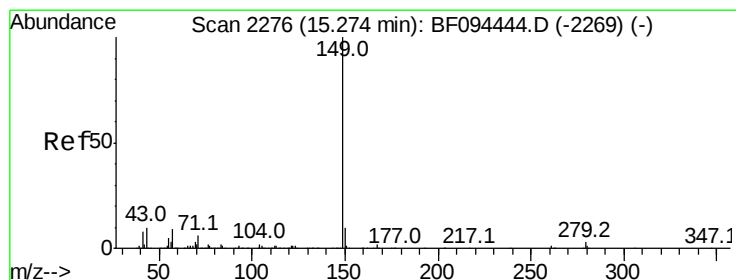
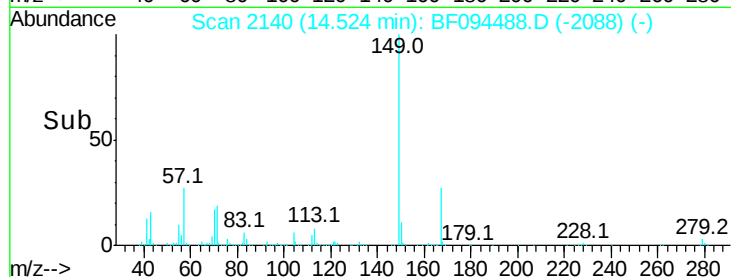
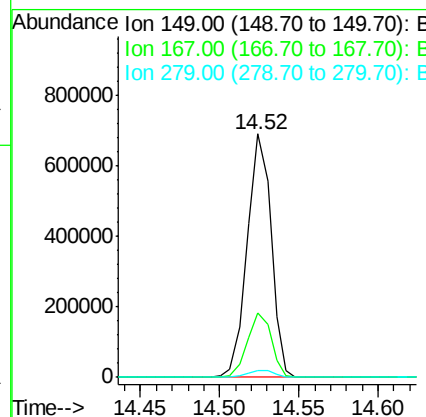
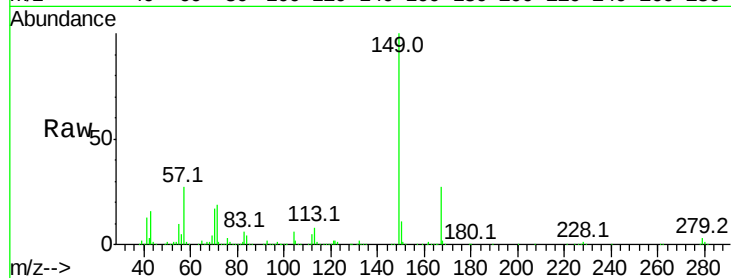




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.63 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

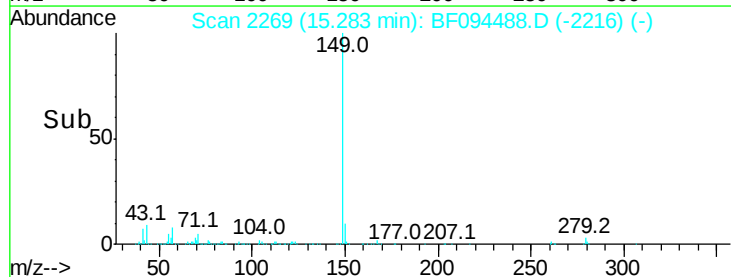
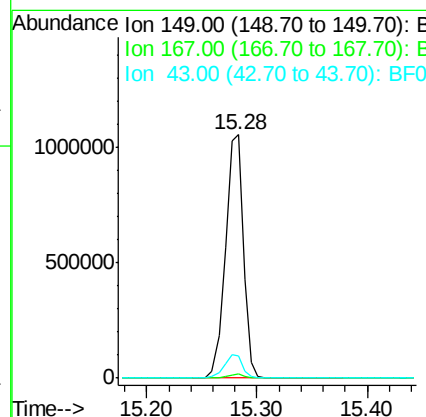
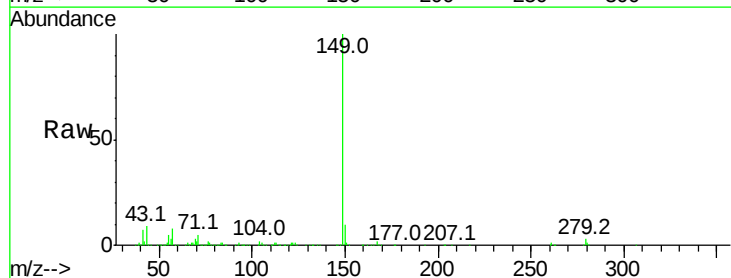
Instrument :
 BNA_F
 ClientSampleId :

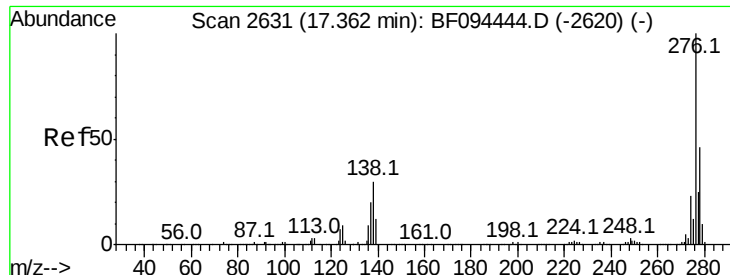
Tot Ion:149 Resp: 724576
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 44.85 ng
 RT: 15.28 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:149 Resp: 1194594
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.5 12.7

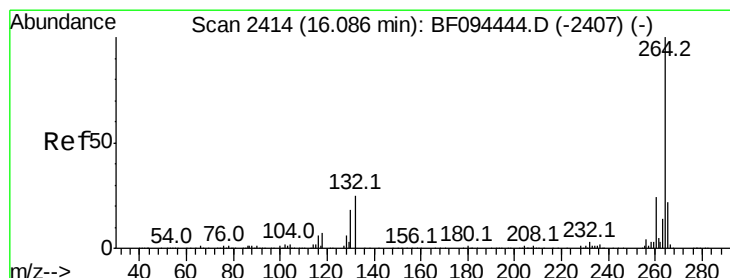
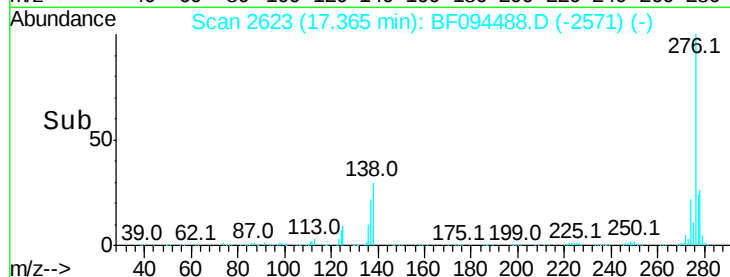
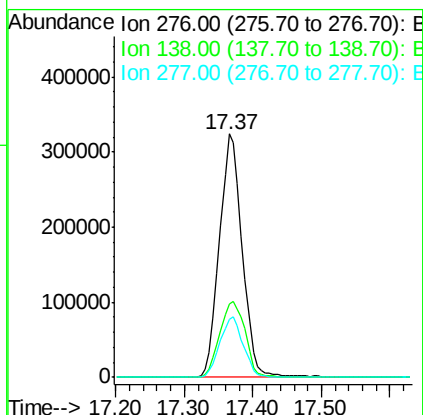
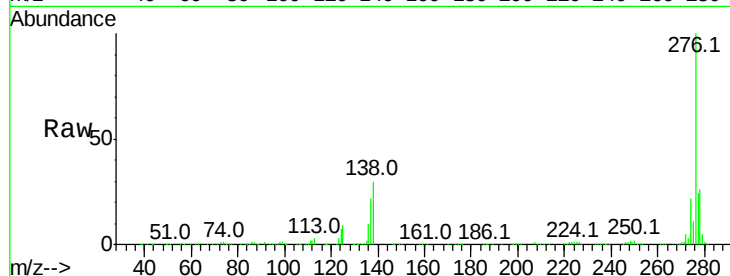




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.35 ng
RT: 17.37 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

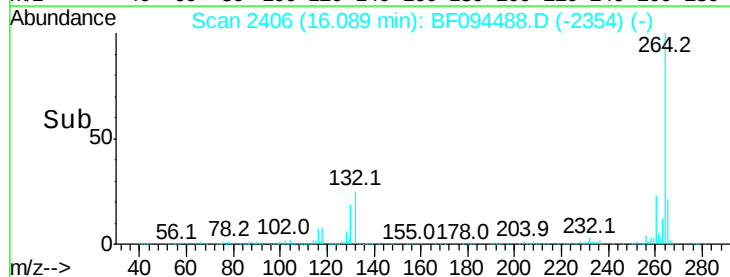
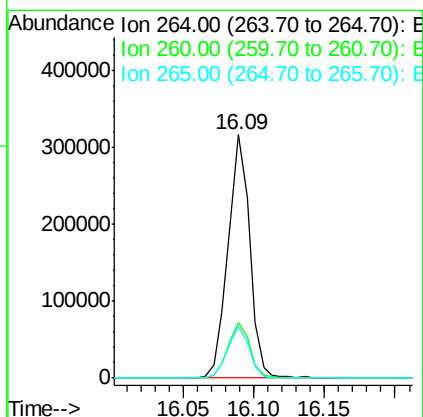
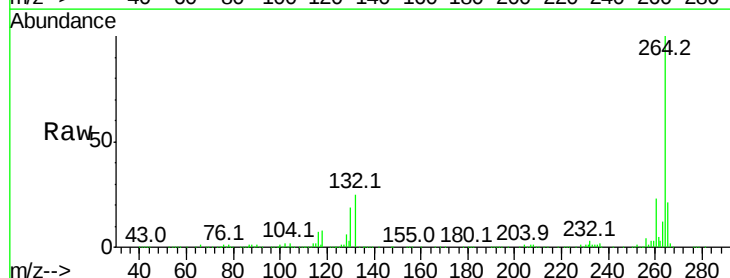
Instrument :
BNA_F
ClientSampleId :

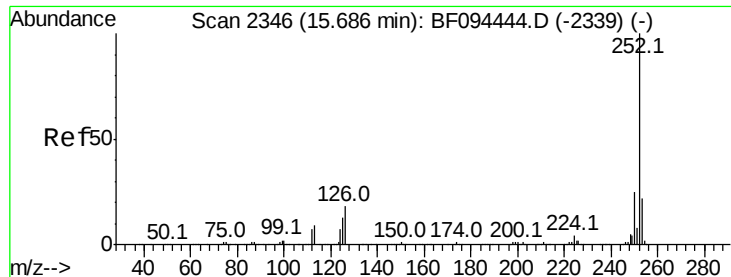
Tot Ion:276 Resp: 748812
Ion Ratio Lower Upper
276 100
138 34.8 27.8 41.6
277 25.5 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:264 Resp: 340495
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.96 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

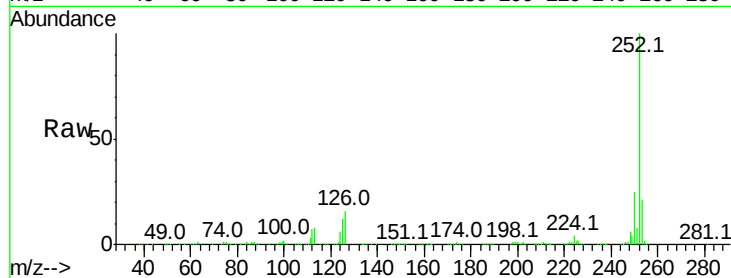
Tot Ion:252 Resp: 853235

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

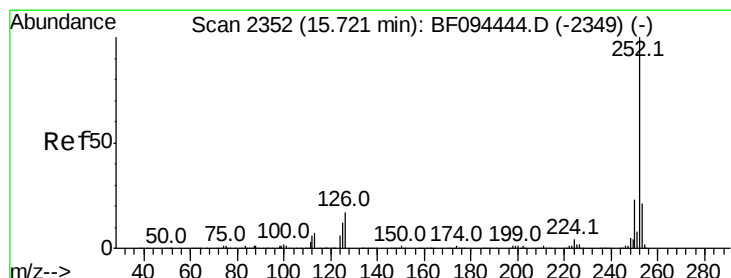
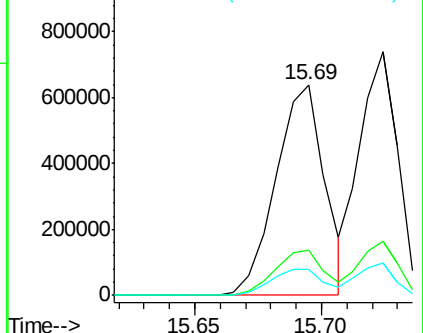
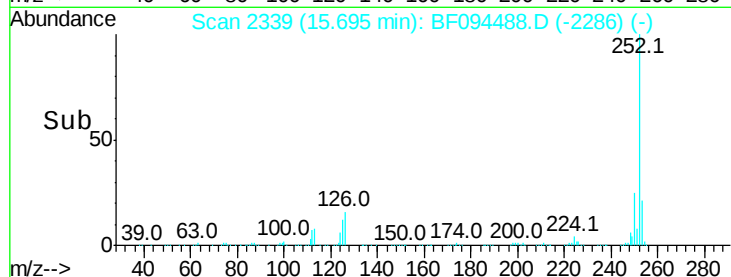
125 12.3 9.8 14.8



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: 40.39 ng

RT: 15.72 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

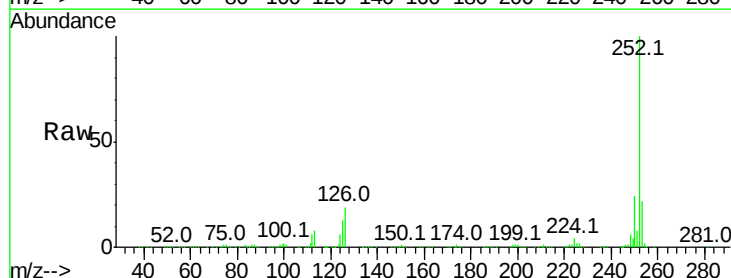
Tgt Ion:252 Resp: 796173

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

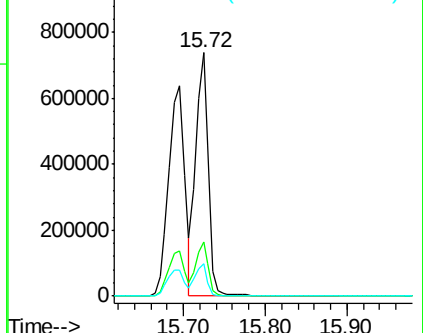
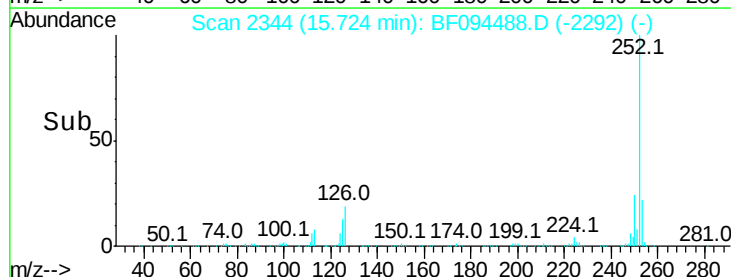
125 13.3 13.1 19.7

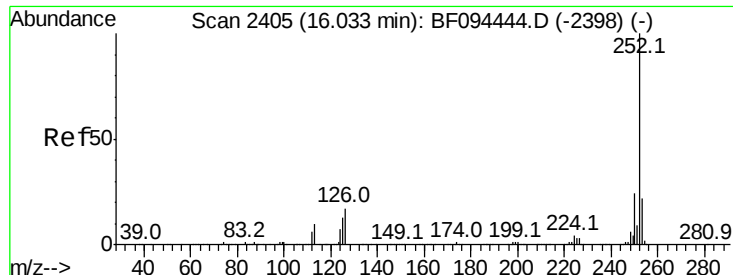


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.22 ng

RT: 16.04 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

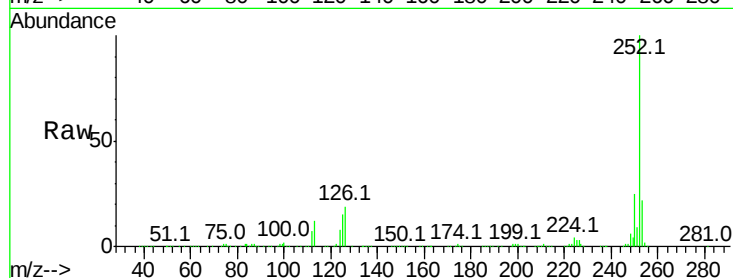
Tot Ion:252 Resp: 779318

Ion Ratio Lower Upper

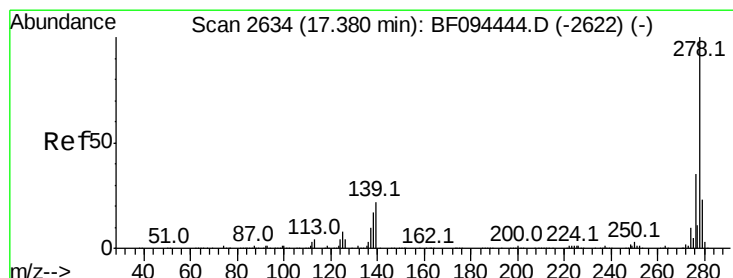
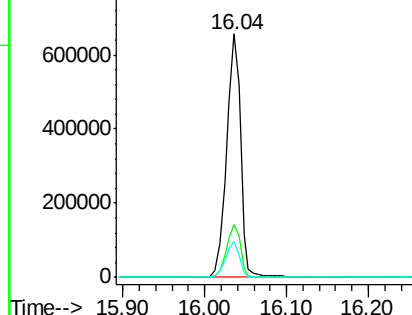
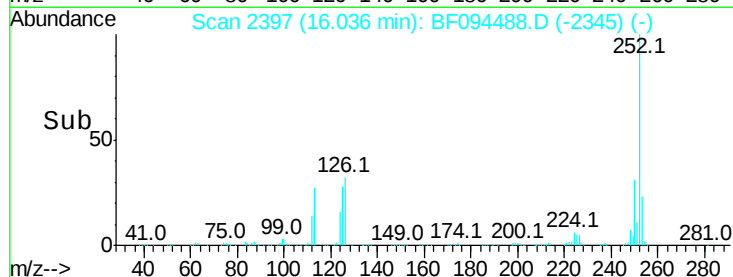
252 100

253 21.9 17.5 26.3

125 14.8 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: 38.68 ng

RT: 17.38 min Scan# 2626

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

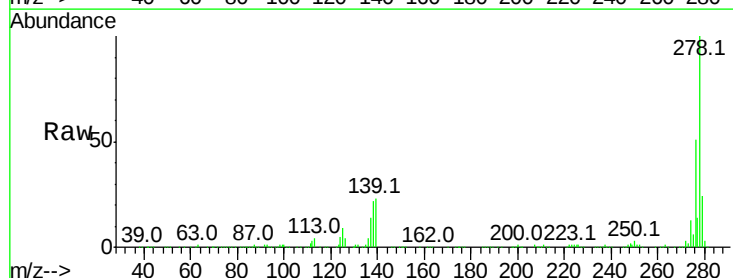
Tgt Ion:278 Resp: 622413

Ion Ratio Lower Upper

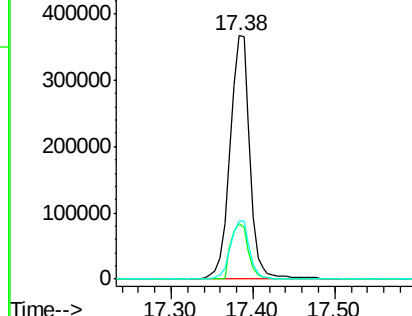
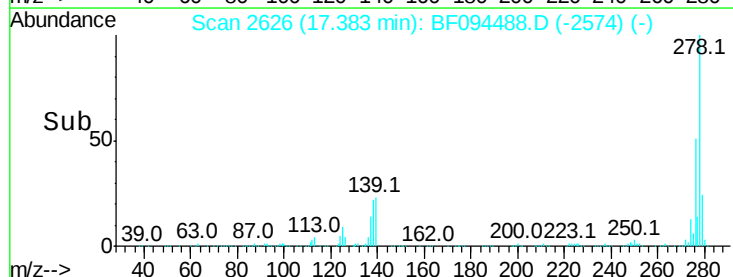
278 100

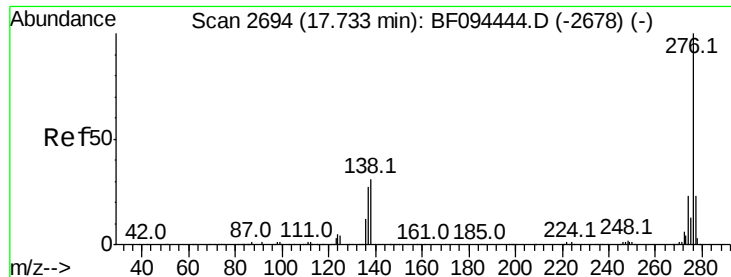
139 22.8 16.6 24.8

279 23.9 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: 36.05 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

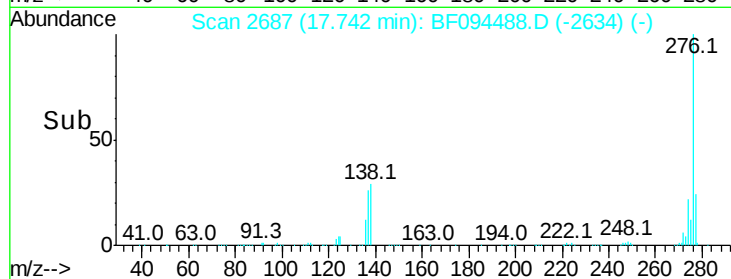
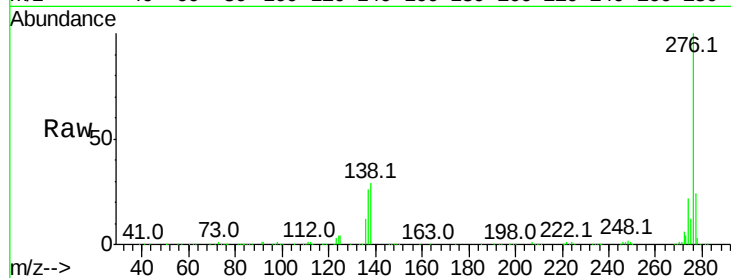
Tot Ion:276 Resp: 590540

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 29.5 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

