

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094707.D
 Acq On : 30 Apr 2017 11:49
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:16:48 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	113989	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	456892	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	209648	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	382388	20.00	ng	0.00
75) Chrysene-d12	14.47	240	319446	20.00	ng	0.00
86) Perylene-d12	16.09	264	274774	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	551341	80.25	ng	0.00
7) Phenol-d6	5.40	99	632843	78.13	ng	0.00
23) Nitrobenzene-d5	6.42	82	583322	78.83	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	146638	89.42	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1149867	80.70	ng	0.00
78) Terphenyl-d14	13.19	244	1021190	85.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.11	88	154182	38.59	ng	94
3) Pyridine	2.63	79	331935	38.01	ng	96
4) n-Nitrosodimethylamine	2.58	42	133532	36.95	ng	86
6) Aniline	5.40	93	414925	38.55	ng	90
8) 2-Chlorophenol	5.54	128	315018	40.29	ng	97
9) Benzaldehyde	5.27	77	258298	41.92	ng	98
10) Phenol	5.41	94	388430	39.04	ng	100
11) bis(2-Chloroethyl)ether	5.48	93	288927	39.75	ng	95
12) 1,3-Dichlorobenzene	5.70	146	349382	40.34	ng	99
13) 1,4-Dichlorobenzene	5.78	146	353963	40.62	ng	96
14) 1,2-Dichlorobenzene	5.96	146	324890	40.47	ng	97
15) Benzyl Alcohol	5.95	79	238319	39.66	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	383392	40.23	ng	60
17) 2-Methylphenol	6.09	107	247734	40.23	ng	95
18) Hexachloroethane	6.34	117	122174	40.90	ng	# 83
19) n-Nitroso-di-n-propylamine	6.25	70	219349	40.87	ng	96
20) 3+4-Methylphenols	6.27	107	344425	41.16	ng	# 62
22) Acetophenone	6.24	105	444412	40.00	ng	# 86
24) Nitrobenzene	6.44	77	314810	40.40	ng	91
25) Isophorone	6.73	82	570199	41.57	ng	95
26) 2-Nitrophenol	6.81	139	176656	42.20	ng	97
27) 2,4-Dimethylphenol	6.89	122	275625	40.53	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	366394	41.30	ng	99
29) 2,4-Dichlorophenol	7.11	162	267394	42.27	ng	97
30) 1,2,4-Trichlorobenzene	7.20	180	269583	41.22	ng	98
31) Naphthalene	7.29	128	886972	40.38	ng	100
32) Benzoic acid	7.08	122	173822	48.34	ng	95
33) 4-Chloroaniline	7.37	127	358243	39.21	ng	# 93
34) Hexachlorobutadiene	7.44	225	136829	41.97	ng	100
35) Caprolactam	7.82	113	55654	28.01	ng	96
36) 4-Chloro-3-methylphenol	7.99	107	268577	40.51	ng	93
37) 2-Methylnaphthalene	8.12	142	624209	41.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	250484	41.96	ng	99
40) Hexachlorocyclopentadiene	8.32	237	99087	41.03	ng	98

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 ALS Vial : 2 Sample Multiplier: 1

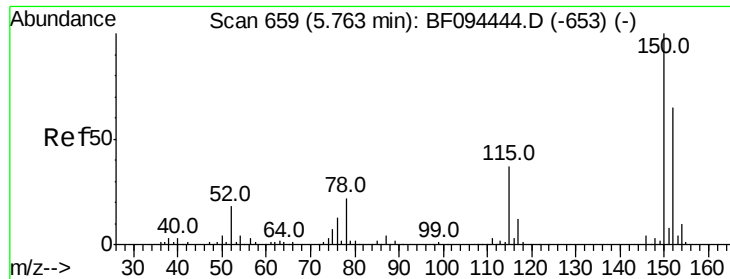
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:16:48 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	177485	42.34	nq	99
43) 2,4,5-Trichlorophenol	8.54	196	178576	41.48	nq	96
45) 1,1'-Biphenyl	8.70	154	712826	41.62	nq	99
46) 2-Chloronaphthalene	8.72	162	560674	41.17	nq	95
47) 2-Nitroaniline	8.86	65	157560	40.21	nq	# 84
48) Acenaphthylene	9.22	152	883960	41.63	nq	99
49) Dimethylphthalate	9.10	163	675996	43.27	nq	99
50) 2,6-Dinitrotoluene	9.17	165	147143	41.96	nq	90
51) Acenaphthene	9.44	154	528455	41.56	nq	99
52) 3-Nitroaniline	9.37	138	156979	38.69	nq	90
53) 2,4-Dinitrophenol	9.52	184	73504	41.61	nq	# 66
54) Dibenzofuran	9.65	168	796025	43.07	nq	96
55) 4-Nitrophenol	9.65	139	426401	148.76	nq	# 34
56) 2,4-Dinitrotoluene	9.67	165	195808	45.50	nq	# 84
57) Fluorene	10.07	166	590032	40.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	136085	44.10	nq	96
59) Diethylphthalate	9.96	149	640922	43.48	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	259786	43.37	nq	94
61) 4-Nitroaniline	10.13	138	145716	35.33	nq	96
62) Azobenzene	10.28	77	601551	42.03	nq	92
64) 4,6-Dinitro-2-methylphenol	10.17	198	108988	43.50	nq	# 70
65) n-Nitrosodiphenylamine	10.23	169	550157	41.37	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	161871	42.63	nq	96
67) Hexachlorobenzene	10.75	284	160854	42.04	nq	# 91
68) Atrazine	10.91	200	168026	42.23	nq	97
69) Pentachlorophenol	11.01	266	71995	47.38	nq	97
70) Phenanthrene	11.25	178	884314	41.07	nq	98
71) Anthracene	11.31	178	925654	41.56	nq	98
72) Carbazole	11.52	167	846861	40.51	nq	98
73) Di-n-butylphthalate	11.97	149	1042391	45.29	nq	98
74) Fluoranthene	12.71	202	923691	41.39	nq	99
76) Benzidine	12.89	184	426527	32.98	nq	95
77) Pyrene	12.99	202	936464	41.96	nq	98
79) Butylbenzylphthalate	13.81	149	443872	45.38	nq	89
80) Benzo(a)anthracene	14.46	228	767806	41.35	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	270266	41.12	nq	# 97
82) Chrysene	14.51	228	693118	40.85	nq	98
83) Bis(2-ethylhexyl)phthalate	14.52	149	608541	46.34	nq	# 100
84) Di-n-octyl phthalate	15.28	149	1027294	46.63	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	605897	37.53	nq	100
87) Benzo(b)fluoranthene	15.70	252	706701	42.04	nq	98
88) Benzo(k)fluoranthene	15.73	252	658884	41.42	nq	# 94
89) Benzo(a)pyrene	16.04	252	647382	41.40	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	499967	38.50	nq	99
91) Benzo(g,h,i)perylene	17.76	276	474596	35.90	nq	98

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

[illegible]

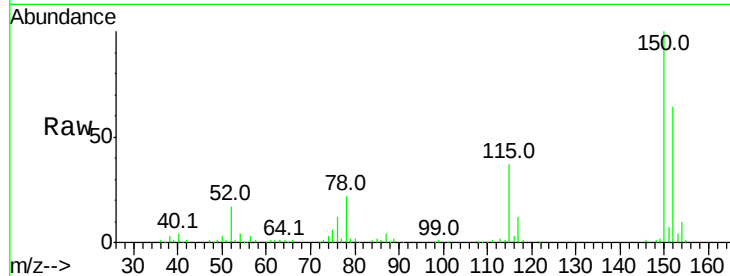


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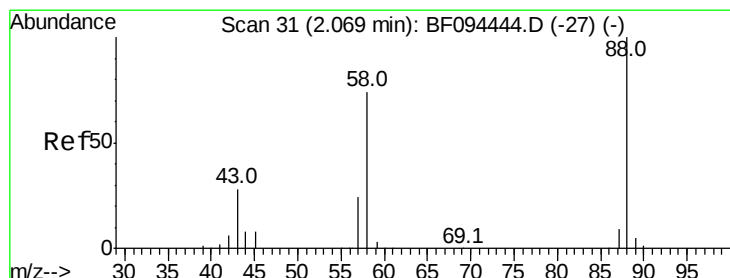
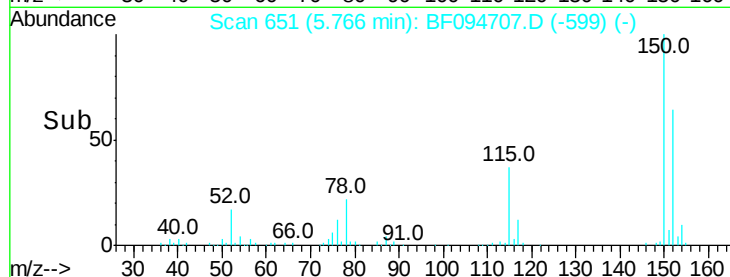
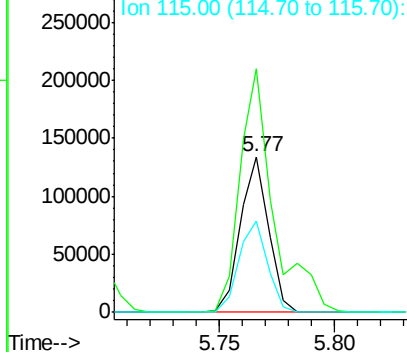
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113989
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 58.8 52.2 78.2



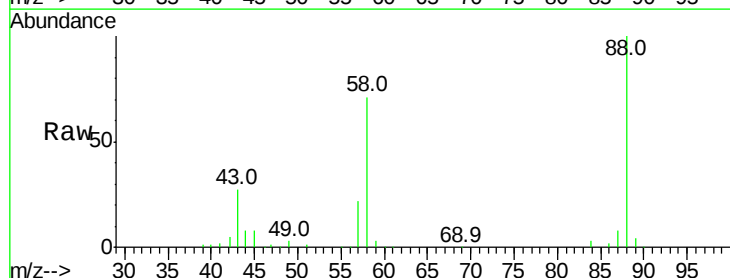
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



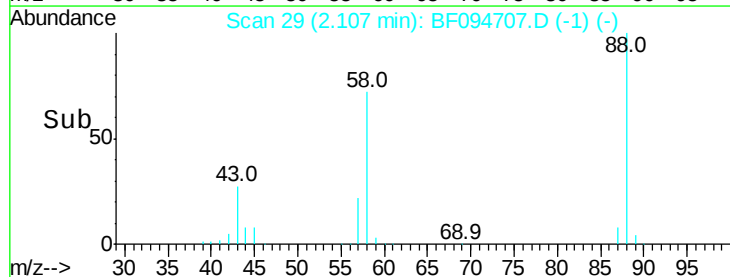
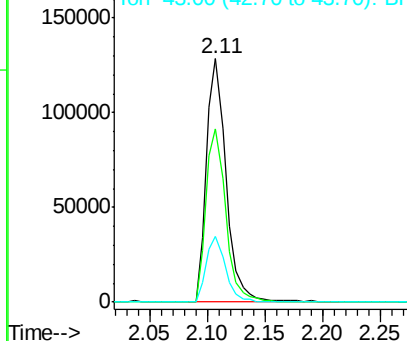
#2

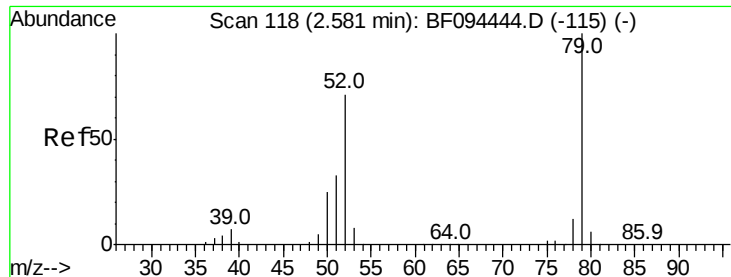
1,4-Dioxane
Concen: 38.59 ng
RT: 2.11 min Scan# 29
Delta R.T. 0.04 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion: 88 Resp: 154182
Ion Ratio Lower Upper
88 100
58 71.2 61.4 92.0
43 26.7 23.4 35.0



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





#3

Pvridine

Concen: 38.01 ng

RT: 2.63 min Scan# 118

Delta R.T. 0.05 min

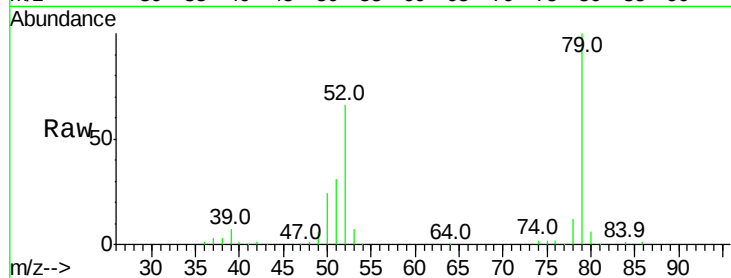
Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 331935

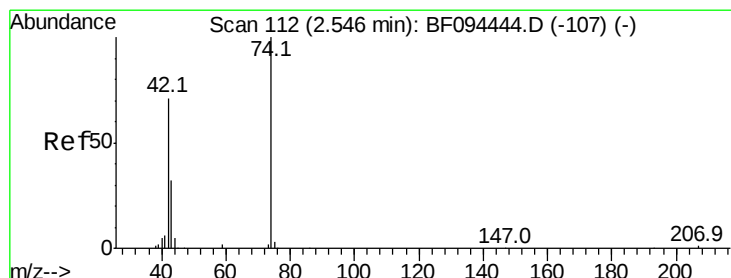
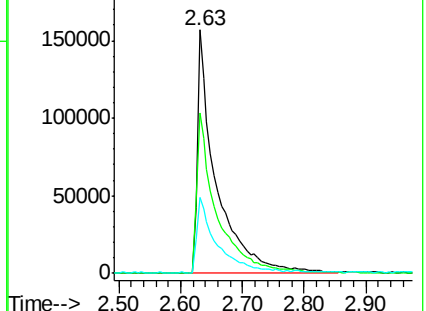
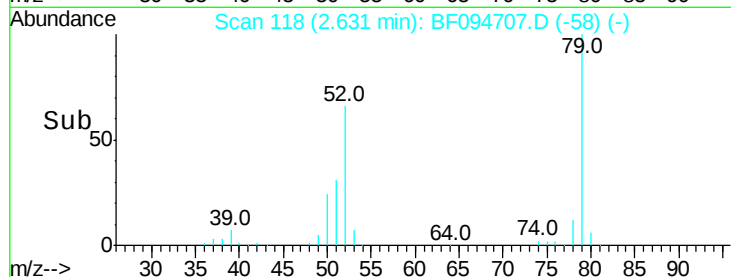
Ion	Ratio	Lower	Upper
79	100		
52	65.8	54.8	82.2
51	31.4	27.0	40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.95 ng

RT: 2.58 min Scan# 110

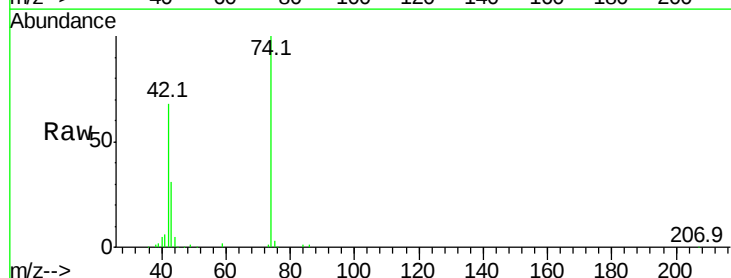
Delta R.T. 0.04 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Tgt Ion: 42 Resp: 133532

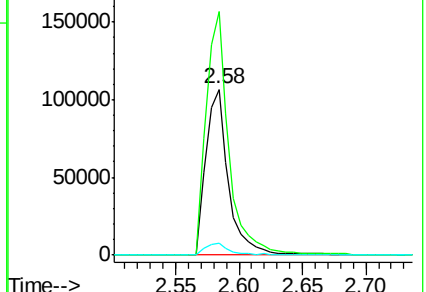
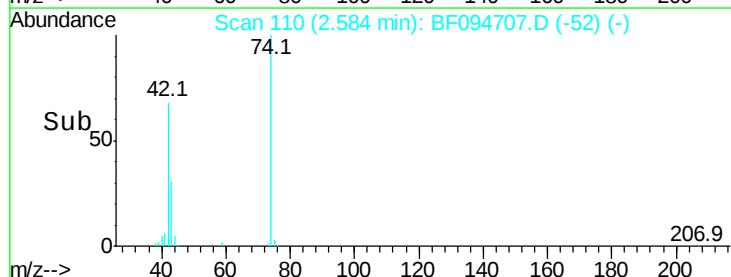
Ion	Ratio	Lower	Upper
42	100		
74	146.6	103.9	155.9
44	7.2	5.7	8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

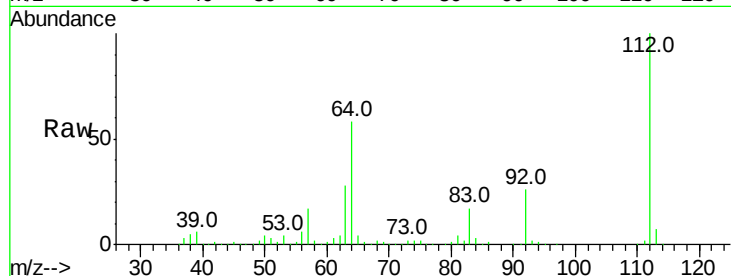




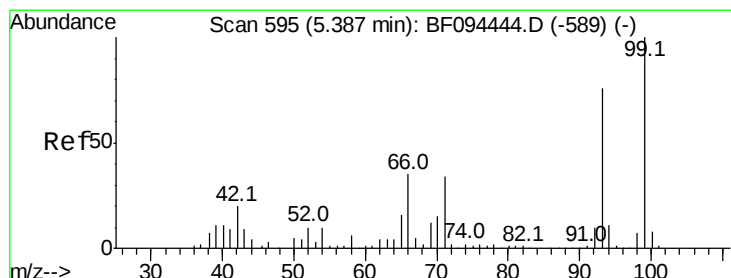
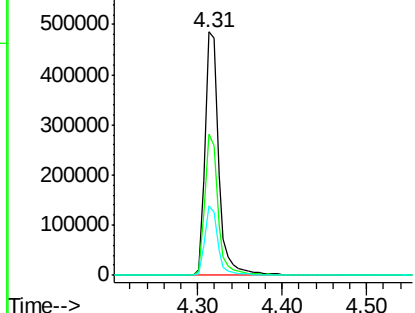
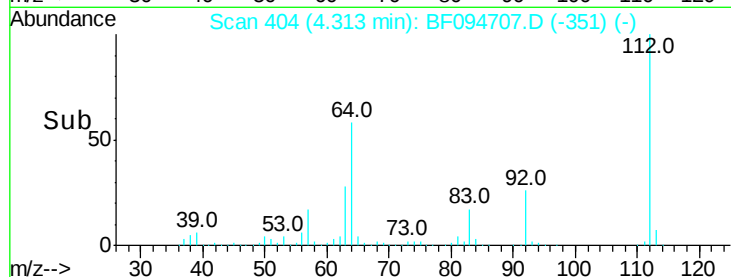
#5
2-Fluorophenol
Concen: 80.25 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 551341
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 28.3 23.4 35.0

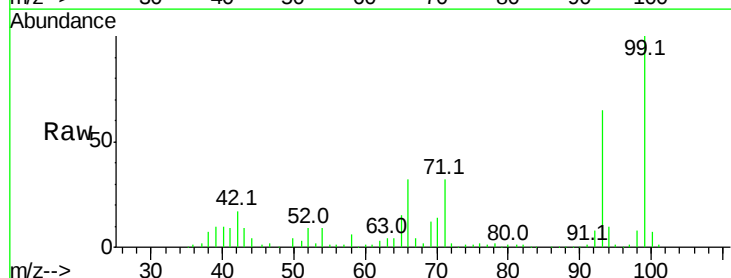


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

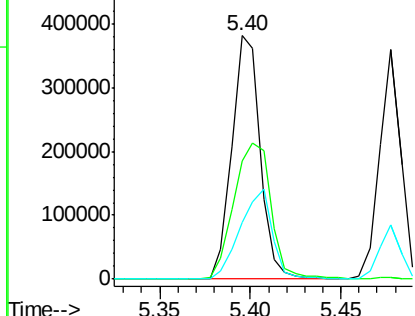
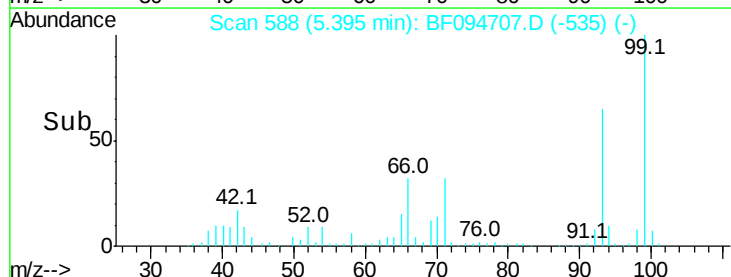


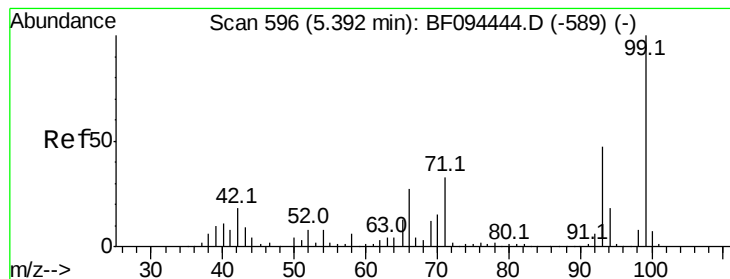
#6
Aniline
Concen: 38.55 ng
RT: 5.40 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion: 93 Resp: 414925
Ion Ratio Lower Upper
93 100
66 48.3 32.9 49.3
65 23.2 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: 78.13 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

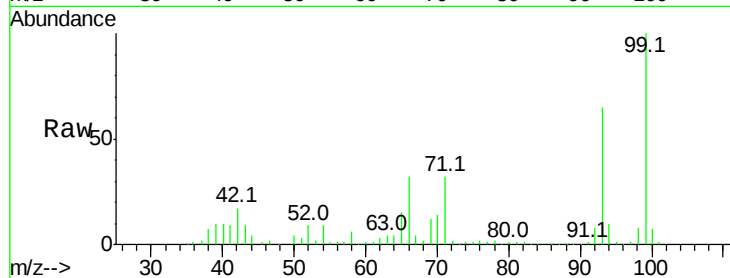
Tot Ion: 99 Resp: 632843

Ion Ratio Lower Upper

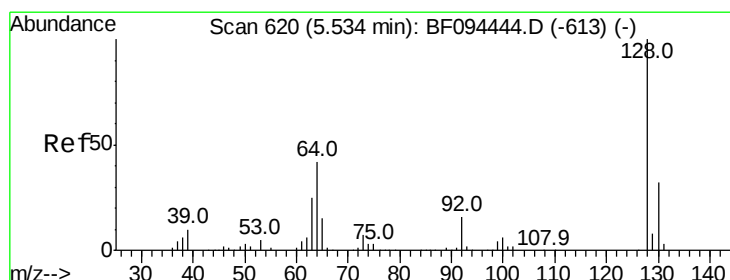
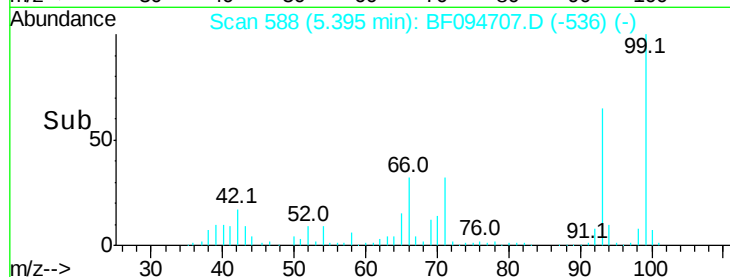
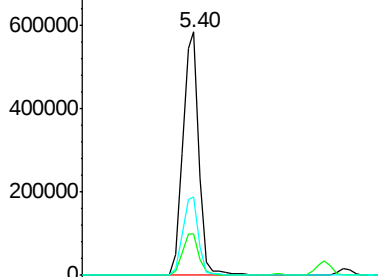
99 100

42 17.2 13.5 20.3

71 32.2 24.5 36.7



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



#8

2-Chlorophenol

Concen: 40.29 ng

RT: 5.54 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

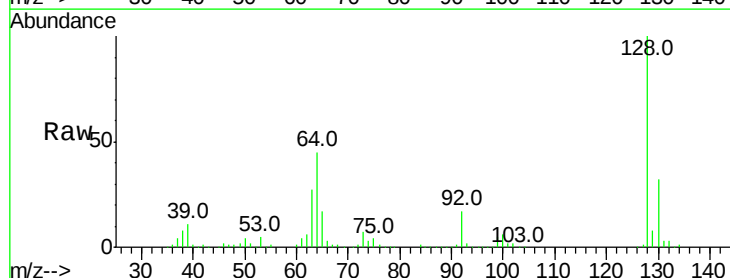
Tgt Ion:128 Resp: 315018

Ion Ratio Lower Upper

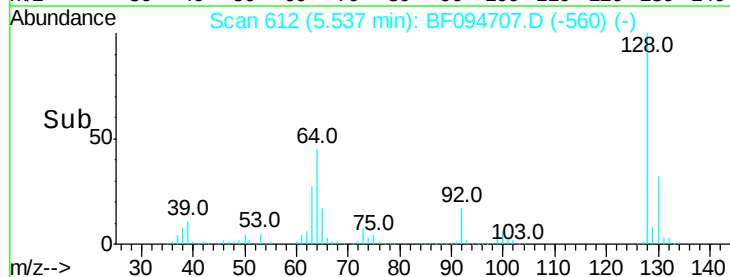
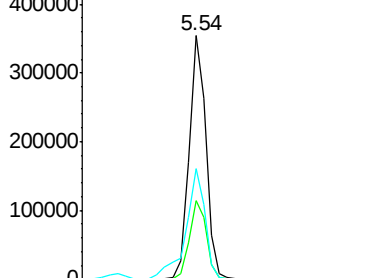
128 100

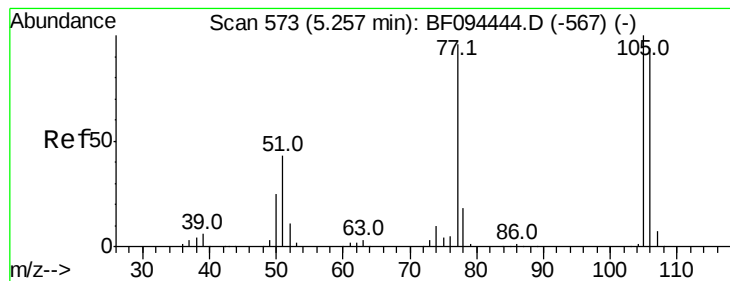
130 32.5 12.9 52.9

64 45.3 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: 41.92 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

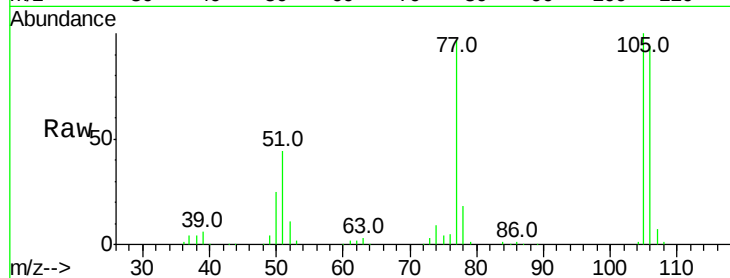
Tot Ion: 77 Resp: 258298

Ion Ratio Lower Upper

77 100

105 102.8 83.8 123.8

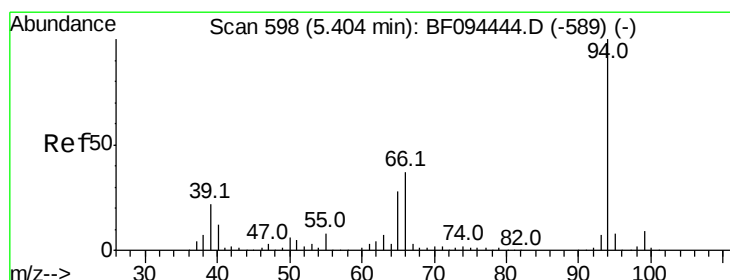
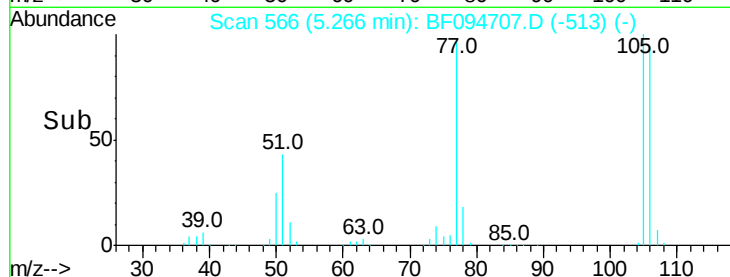
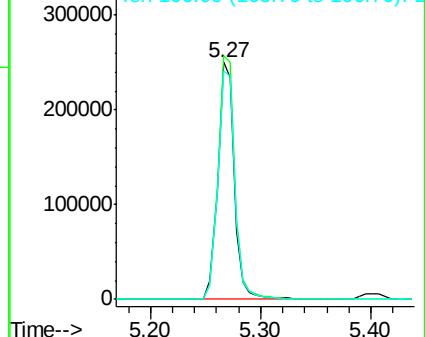
106 96.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.04 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

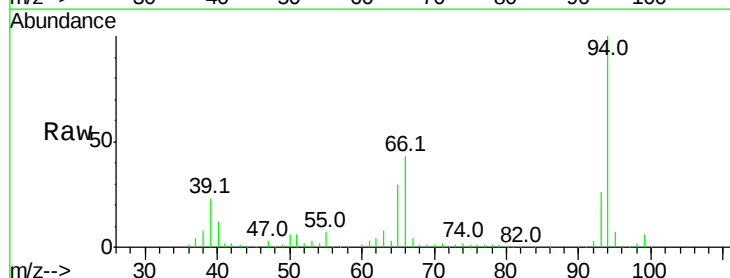
Tgt Ion: 94 Resp: 388430

Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

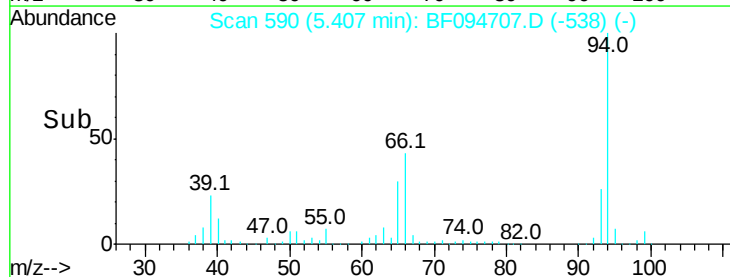
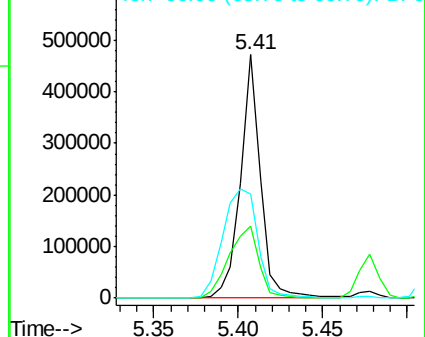
66 42.8 23.1 63.1

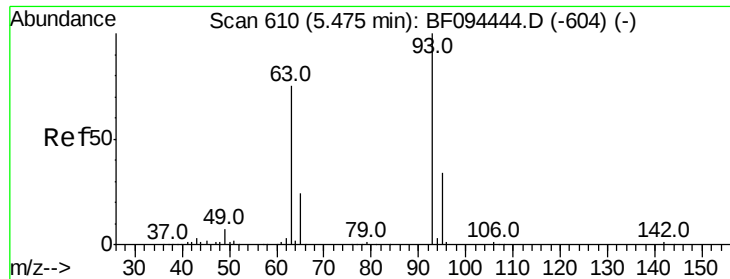


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.75 ng

RT: 5.48 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampled :

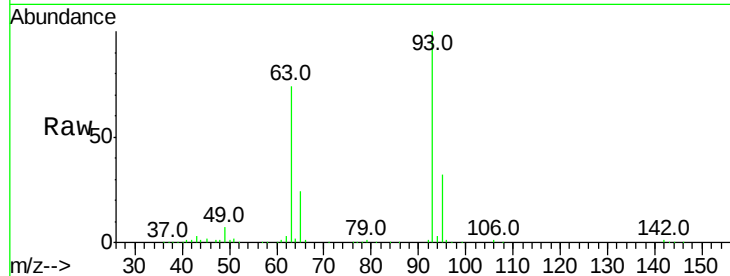
Tot Ion: 93 Resp: 288927

Ion Ratio Lower Upper

93 100

63 74.1 59.2 99.2

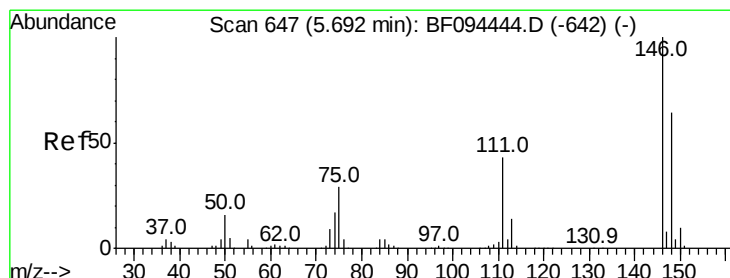
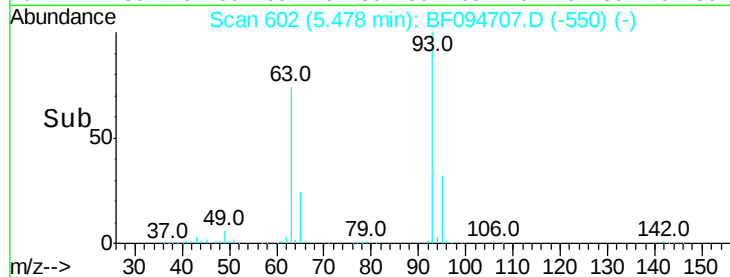
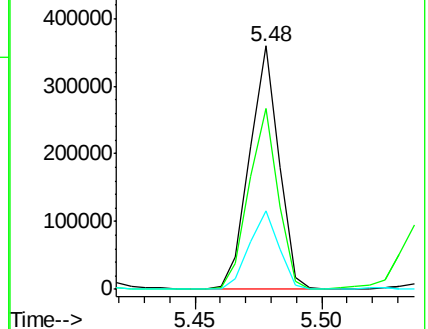
95 32.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.34 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

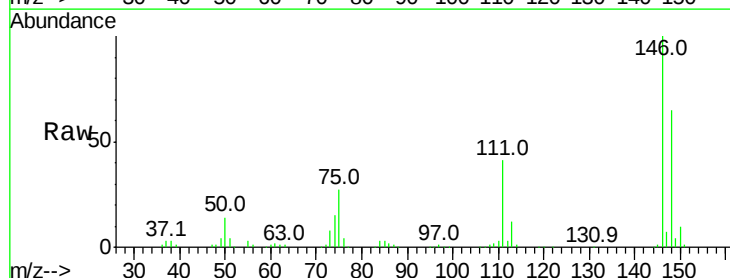
Tgt Ion: 146 Resp: 349382

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

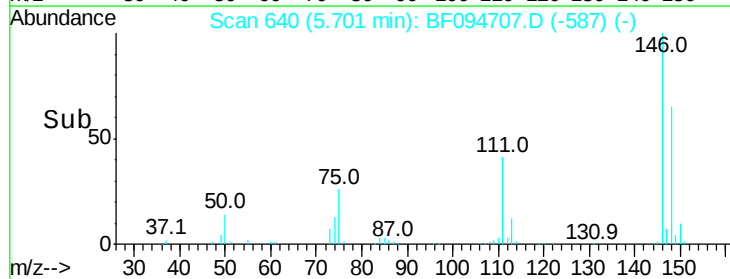
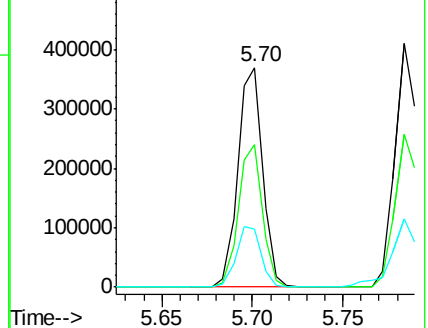
75 26.6 23.1 34.7

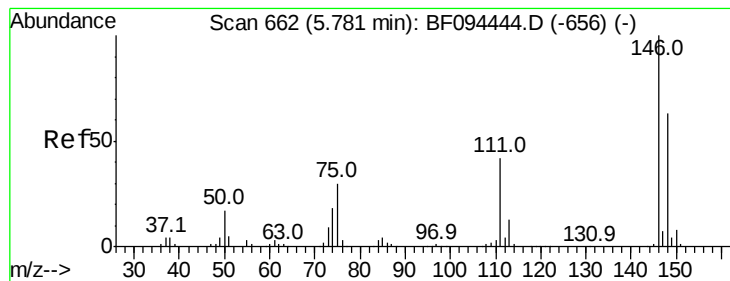


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.62 ng

RT: 5.78 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

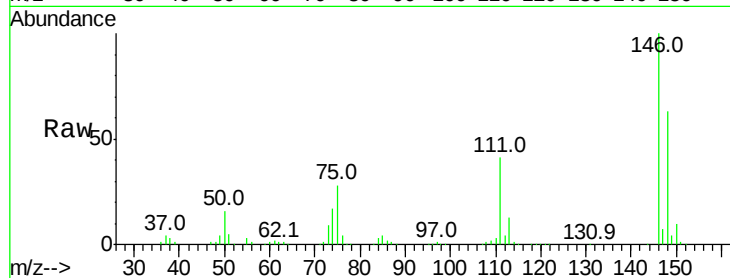
Tot Ion:146 Resp: 353963

Ion Ratio Lower Upper

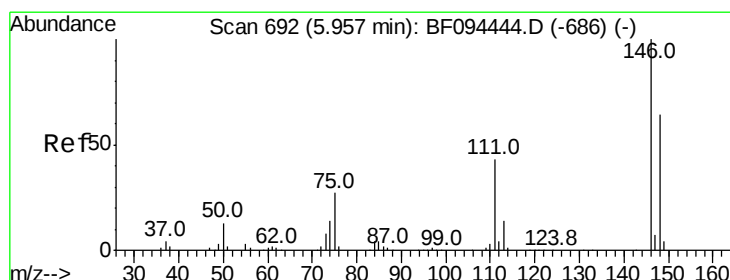
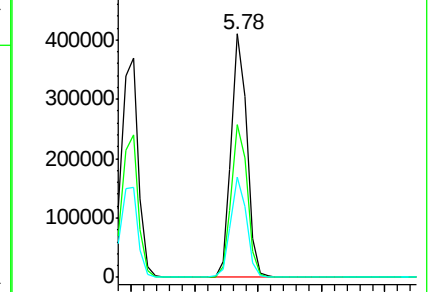
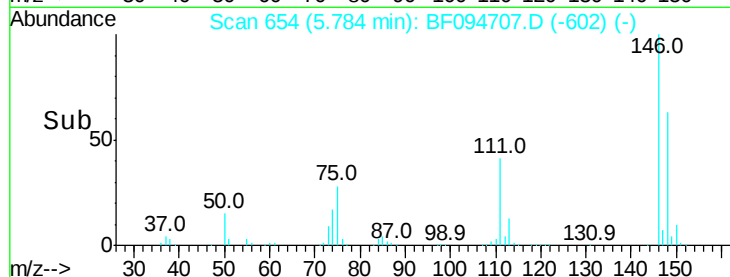
146 100

148 63.0 52.2 78.2

111 41.4 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 40.47 ng

RT: 5.96 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

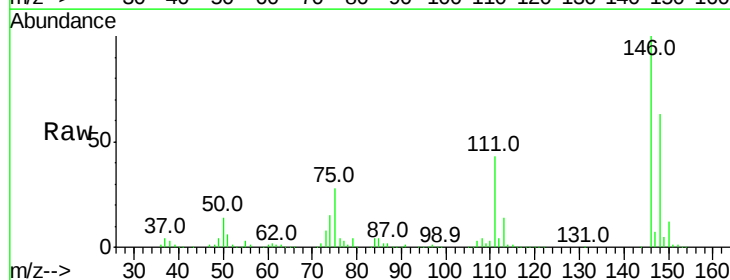
Tgt Ion:146 Resp: 324890

Ion Ratio Lower Upper

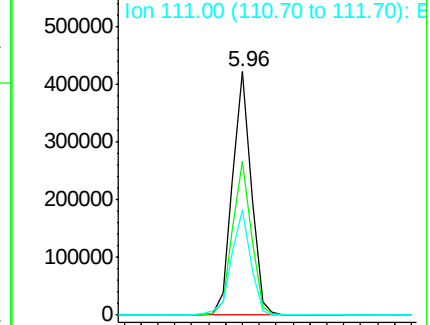
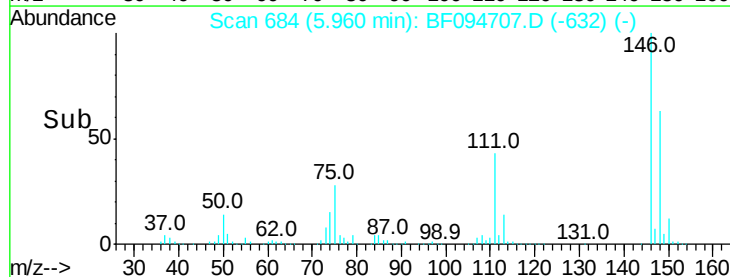
146 100

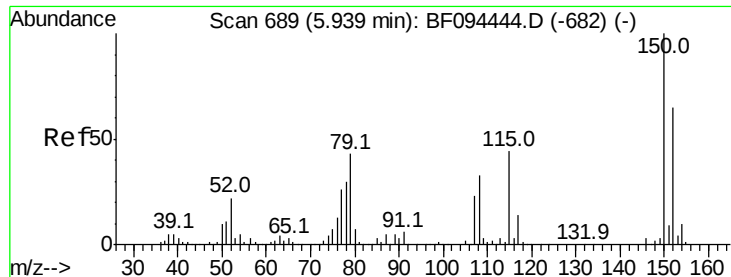
148 63.5 50.4 75.6

111 43.2 38.2 57.4



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

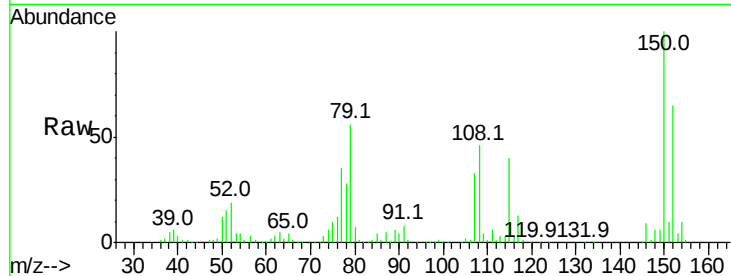




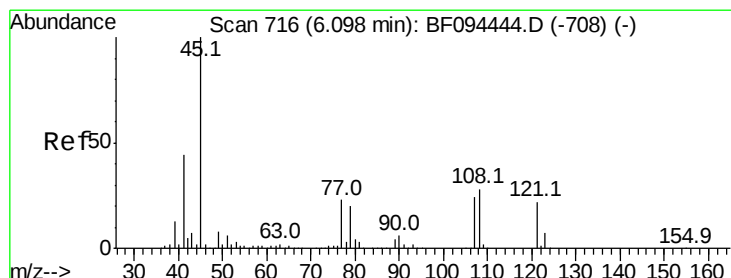
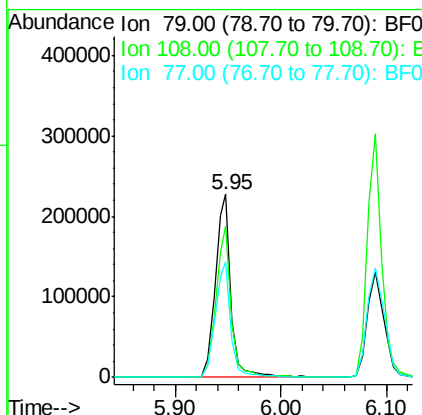
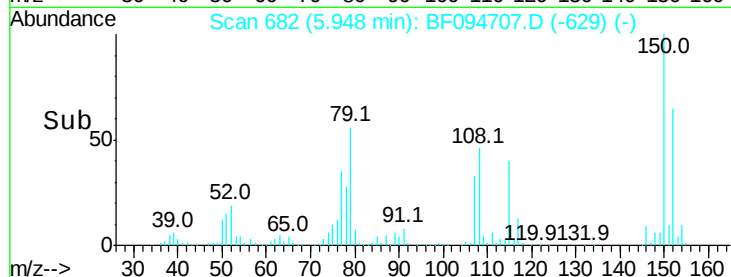
#15
Benzyl Alcohol
Concen: 39.66 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 238319
Ion Ratio Lower Upper
79 100
108 82.6 63.4 95.0
77 63.1 49.2 73.8

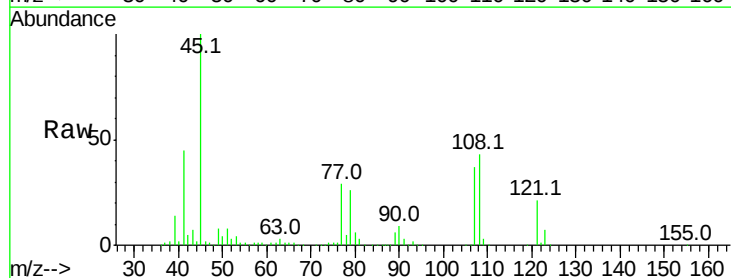


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

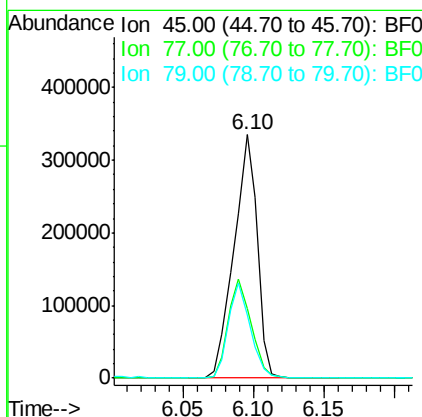
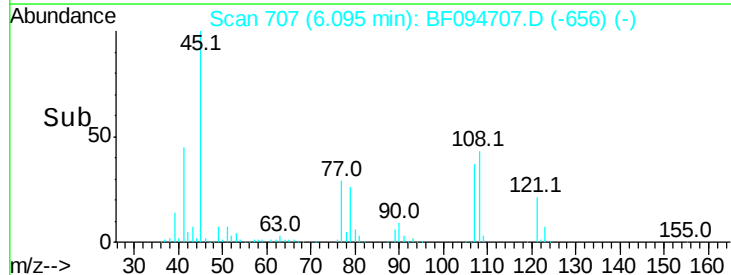


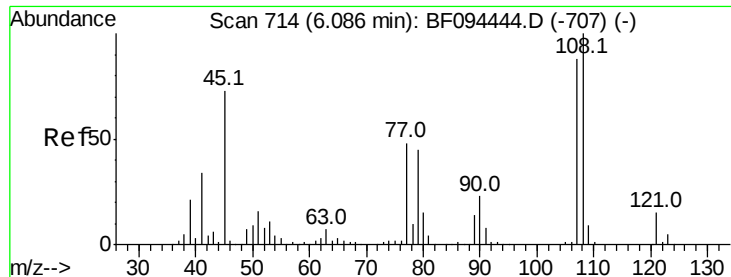
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.23 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion: 45 Resp: 383392
Ion Ratio Lower Upper
45 100
77 28.6 0.0 33.2
79 25.9 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

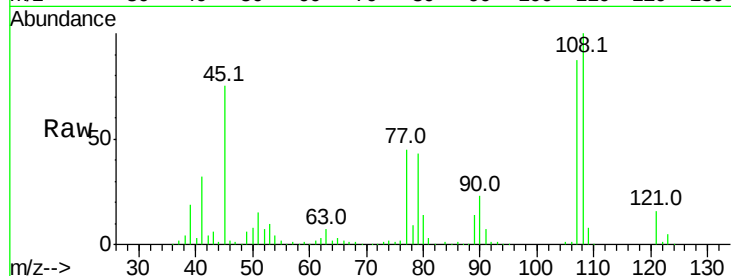




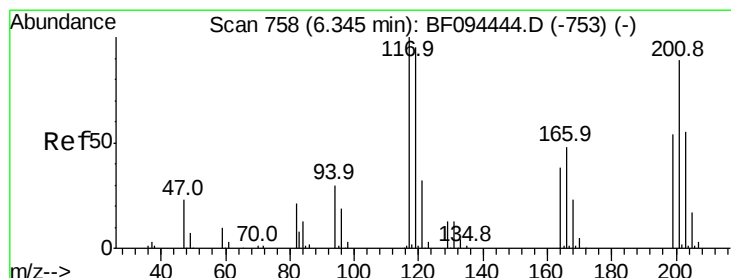
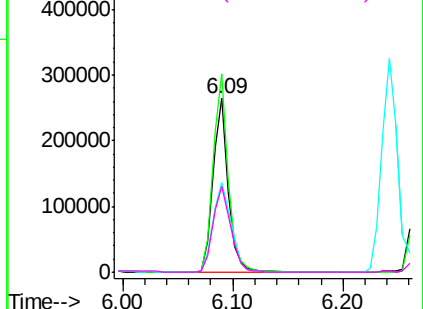
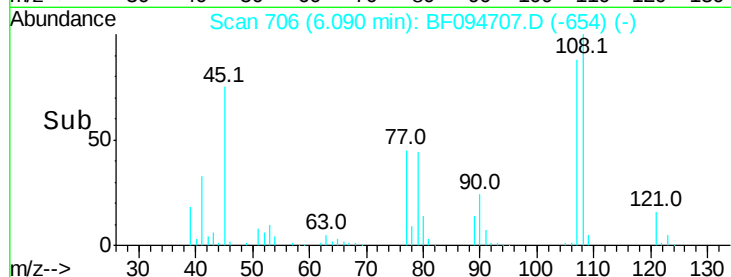
#17
2-Methylphenol
Concen: 40.23 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 247734
Ion Ratio Lower Upper
107 100
108 114.6 93.4 140.0
77 51.6 35.8 53.6
79 49.7 34.8 52.2

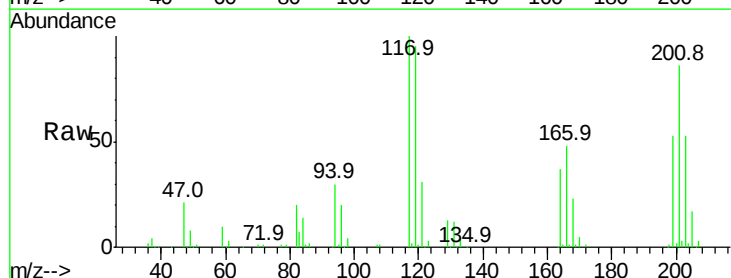


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

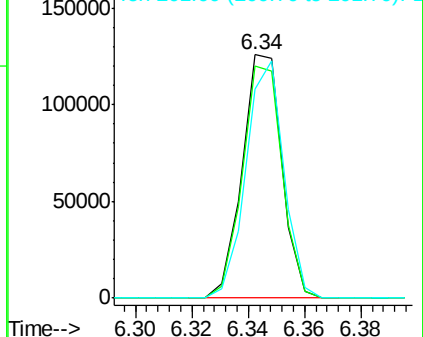
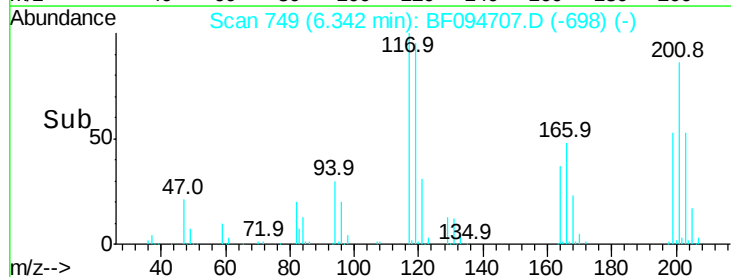


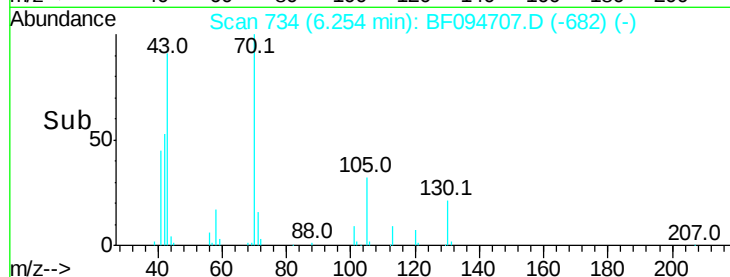
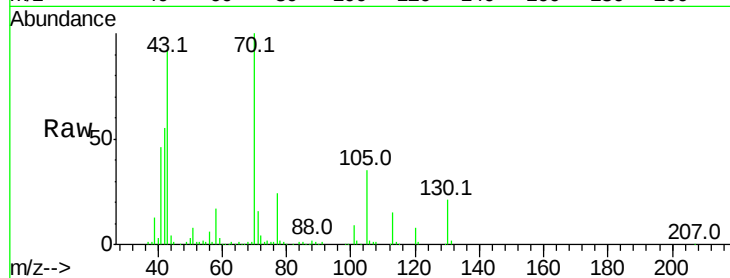
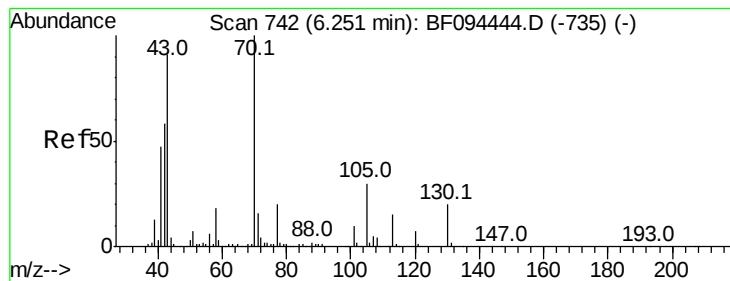
#18
Hexachloroethane
Concen: 40.90 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion:117 Resp: 122174
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0
201 85.8 94.6 141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.87 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 219349

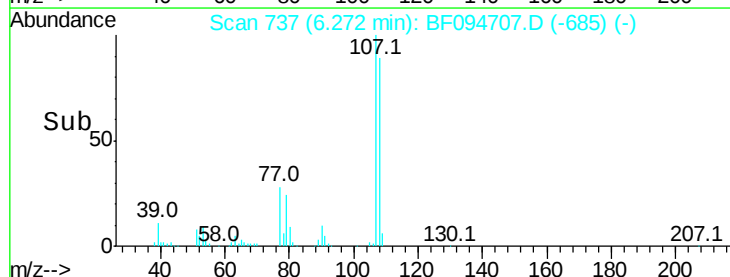
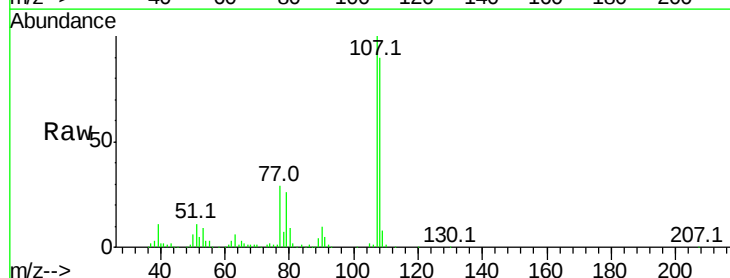
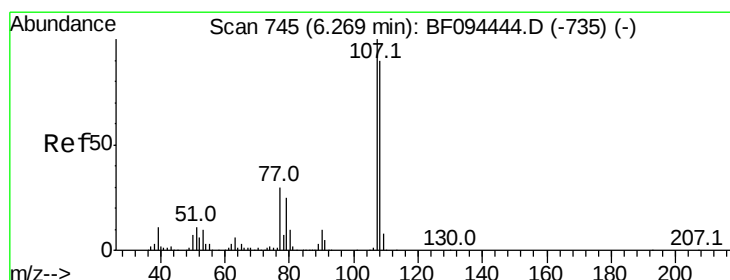
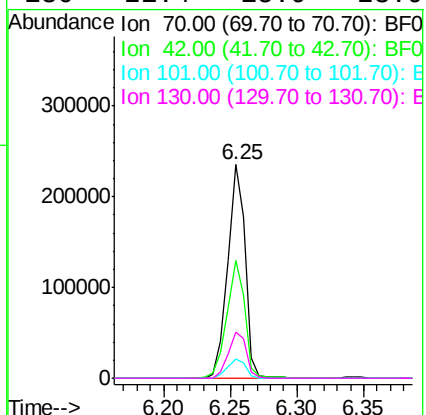
Ion Ratio Lower Upper

70 100

42 55.1 47.2 70.8

101 9.1 7.2 10.8

130 21.4 15.9 23.9



#20

3+4-Methylphenols

Concen: 41.16 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Tgt Ion:107 Resp: 344425

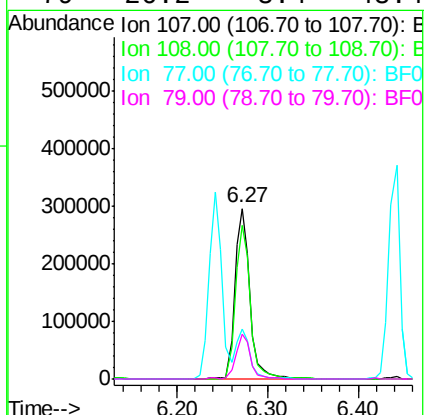
Ion Ratio Lower Upper

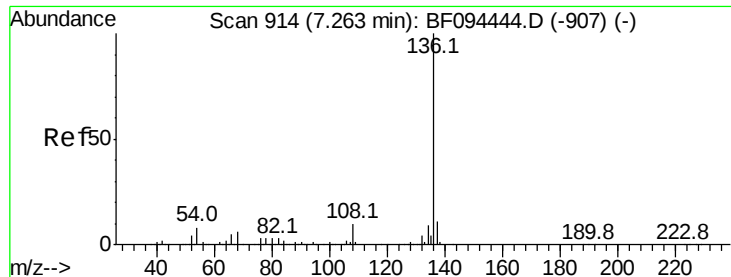
107 100

108 89.9 71.0 111.0

77 29.2 90.5 130.5#

79 26.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 456892

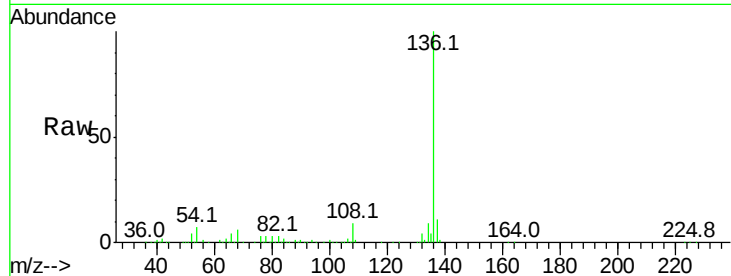
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.3 4.9 7.3#

68 5.5 4.1 6.1

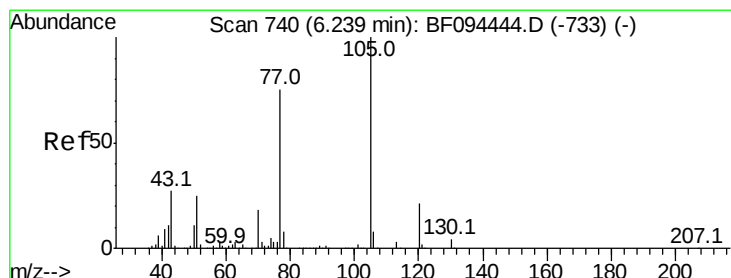
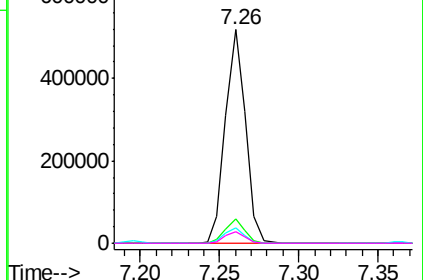
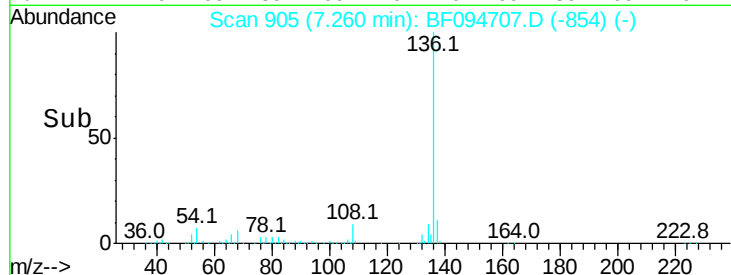


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.00 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Tgt Ion:105 Resp: 444412

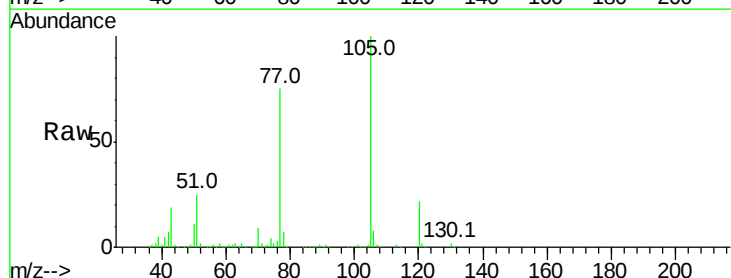
Ion Ratio Lower Upper

105 100

71 1.6 2.8 4.2#

51 24.9 30.7 46.1#

120 21.8 17.4 26.0

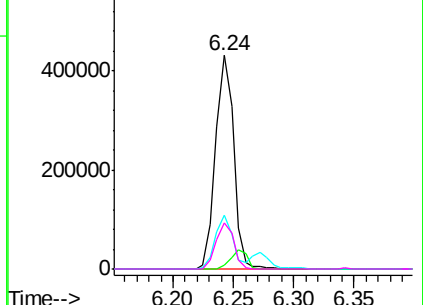
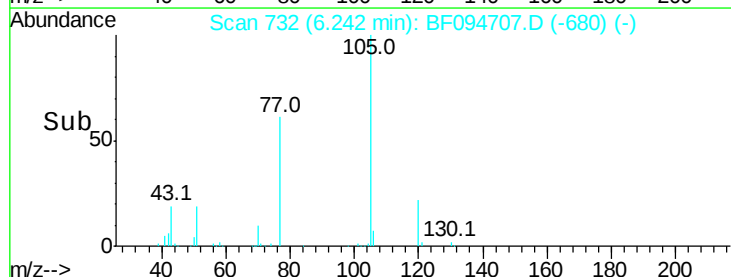


Abundance Ion 105.00 (104.70 to 105.70): E

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

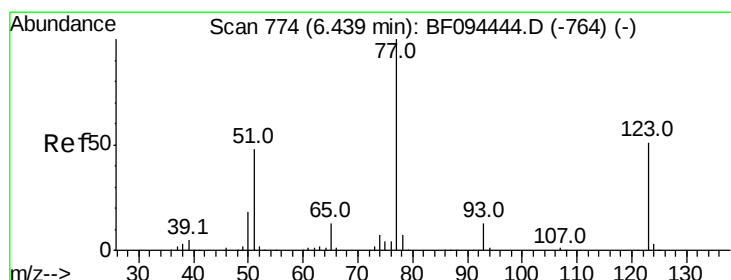
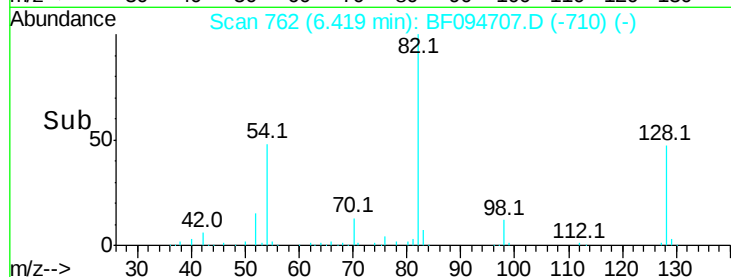
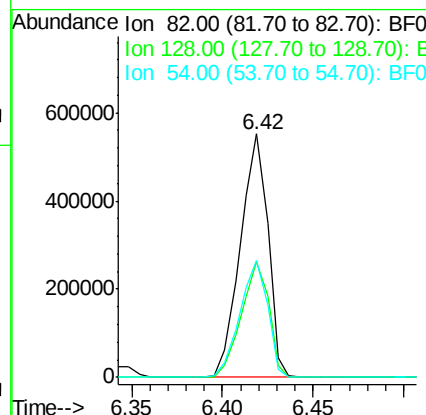
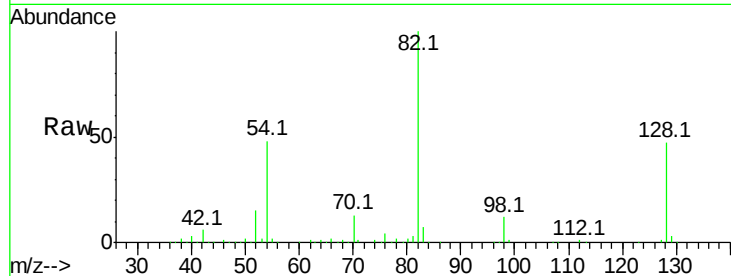




#23
 Nitrobenzene-d5
 Concen: 78.83 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

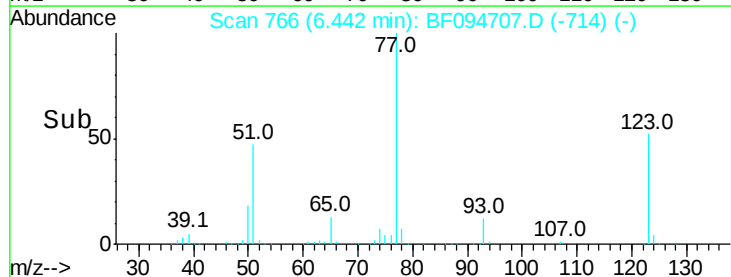
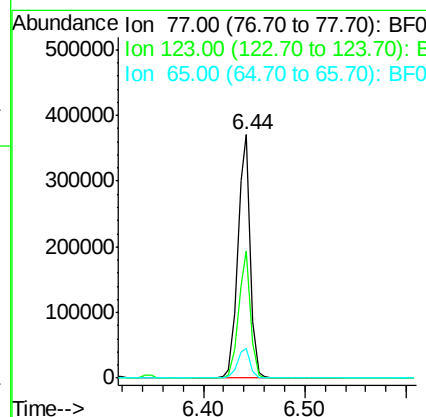
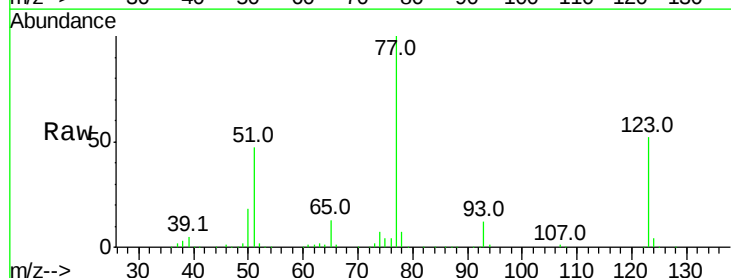
Instrument :
 BNA_F
 ClientSampleId :

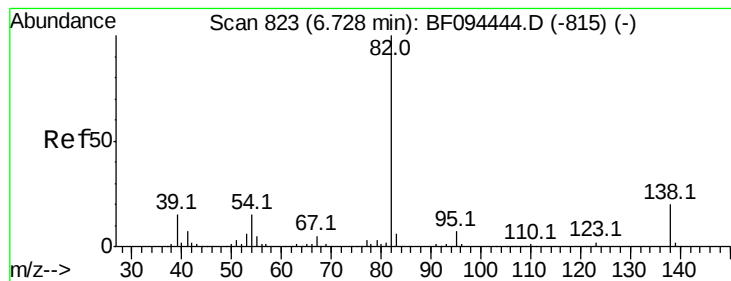
Tot Ion: 82 Resp: 583322
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 47.9 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.40 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion: 77 Resp: 314810
 Ion Ratio Lower Upper
 77 100
 123 52.2 35.8 53.8
 65 12.5 10.6 15.8





#25

Isophorone

Concen: 41.57 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

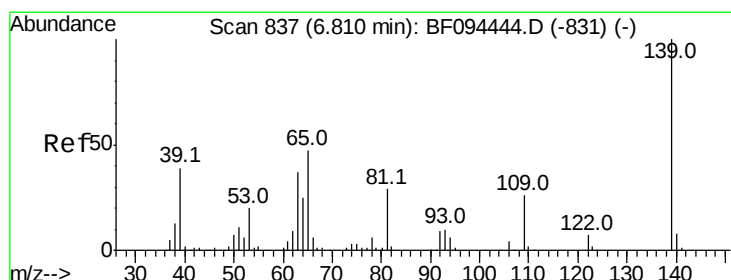
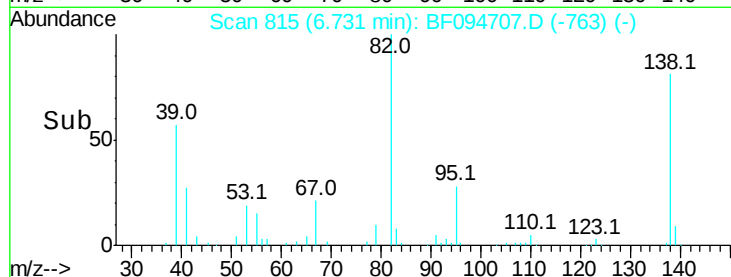
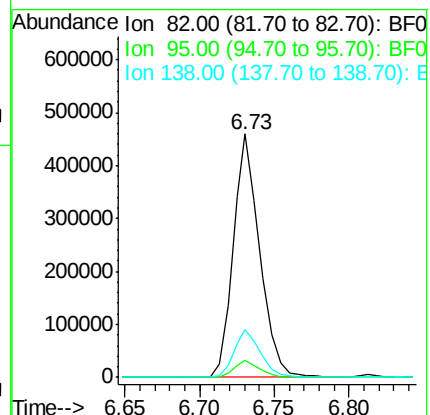
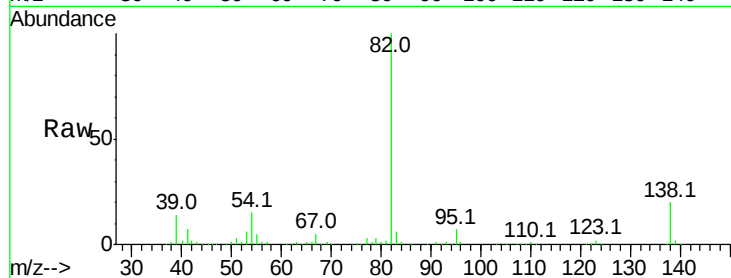
Tot Ion: 82 Resp: 570199

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 42.20 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

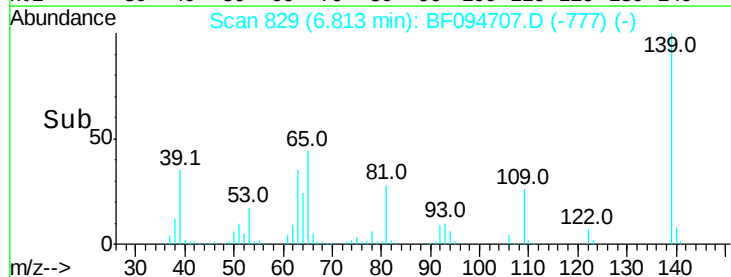
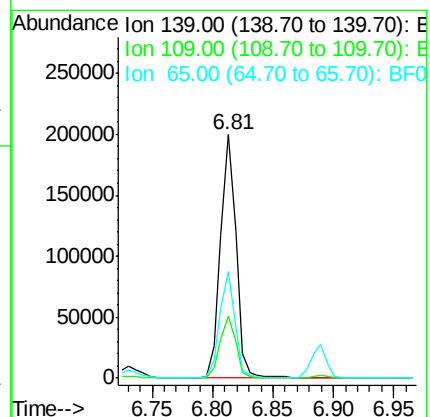
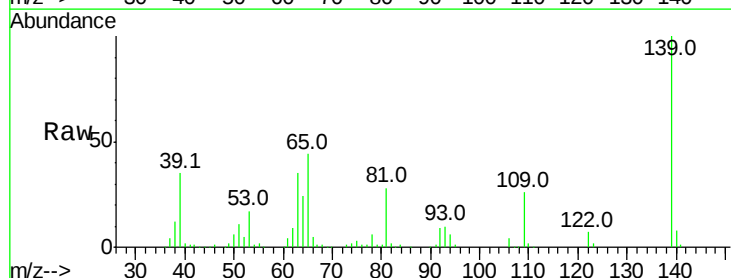
Tgt Ion:139 Resp: 176656

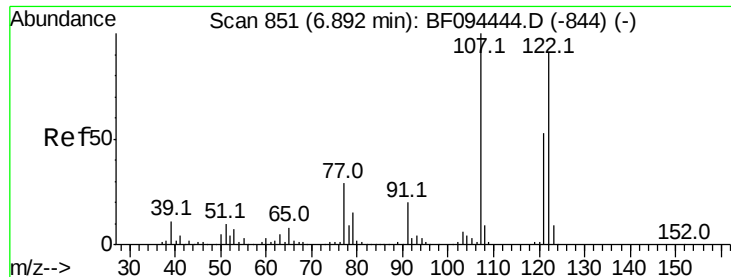
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 43.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.53 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

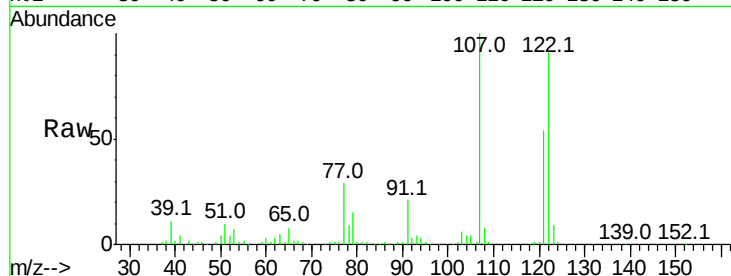
Tot Ion:122 Resp: 275625

Ion Ratio Lower Upper

122 100

107 109.5 89.2 133.8

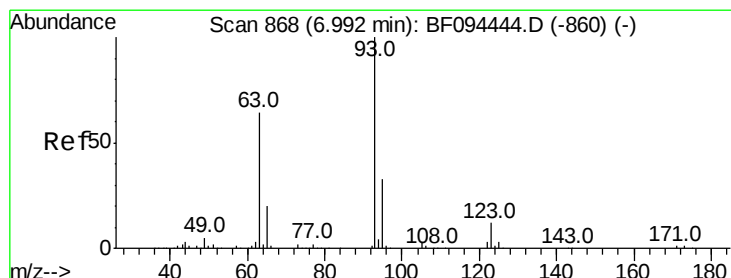
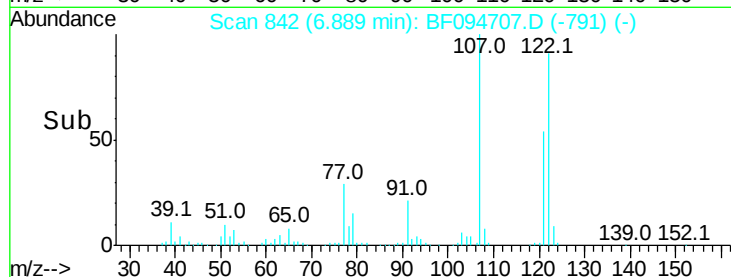
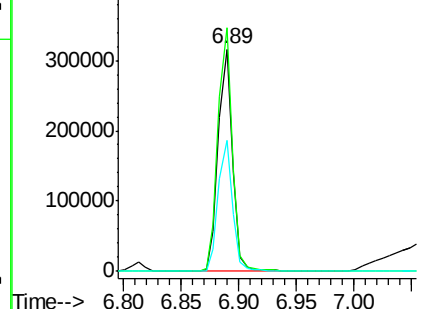
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.30 ng

RT: 6.99 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

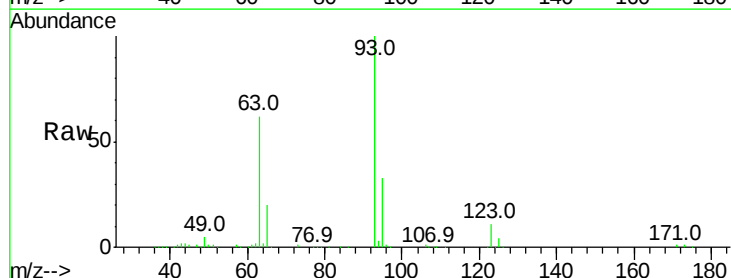
Tgt Ion: 93 Resp: 366394

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

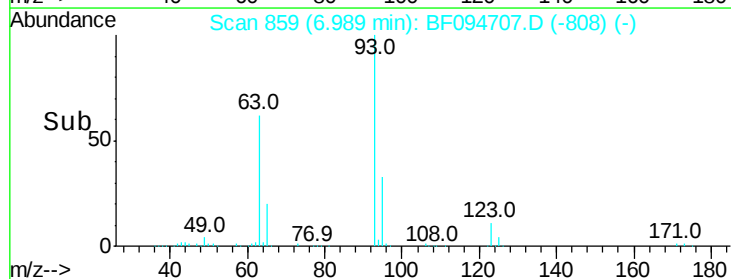
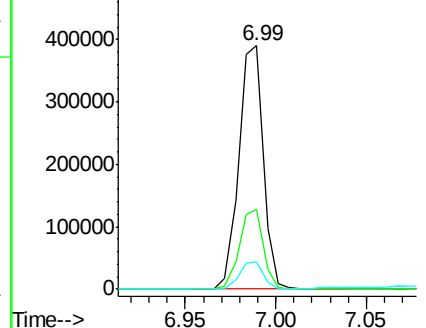
123 11.0 9.0 13.4

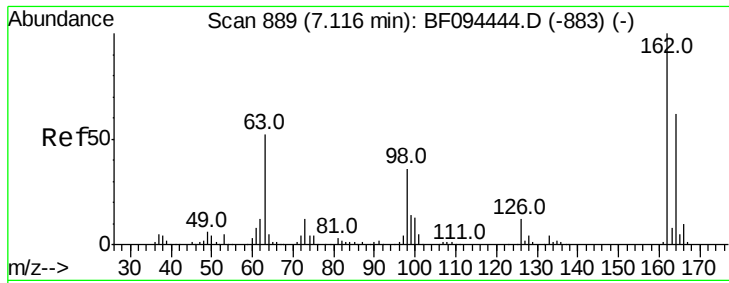


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

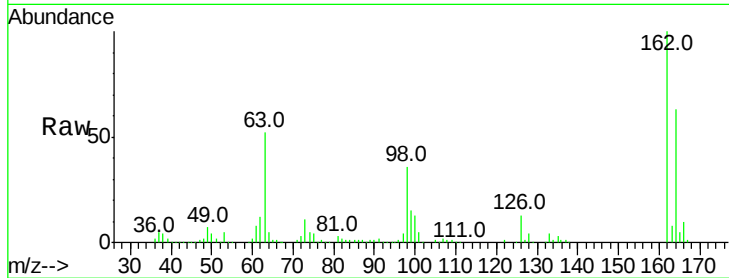




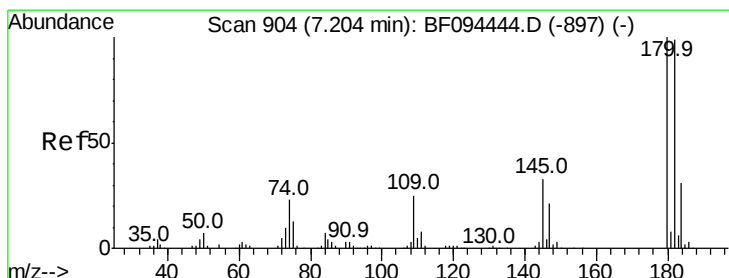
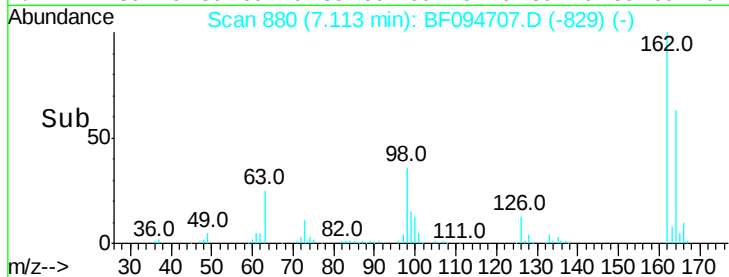
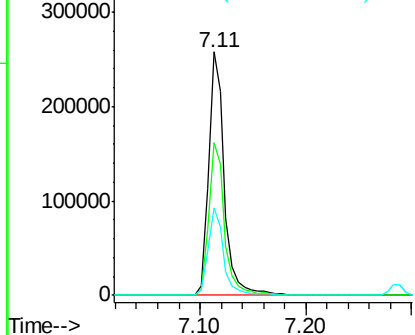
#29
 2,4-Dichlorophenol
 Concen: 42.27 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	36.1	14.8	54.8

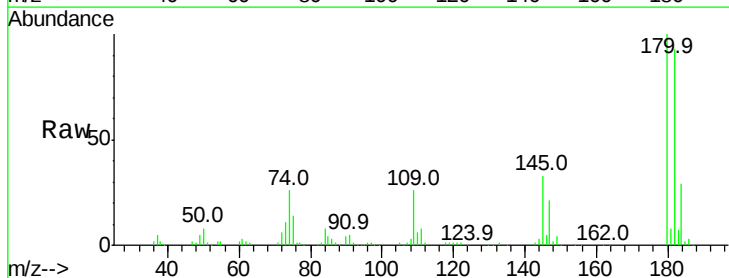


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

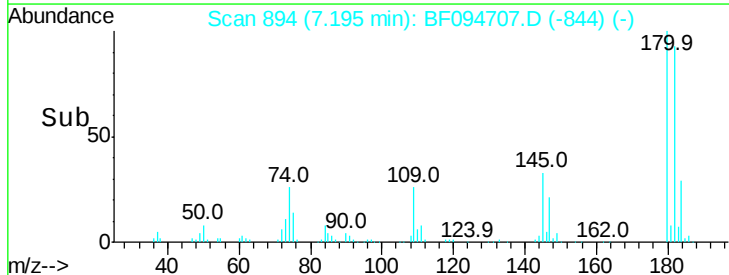
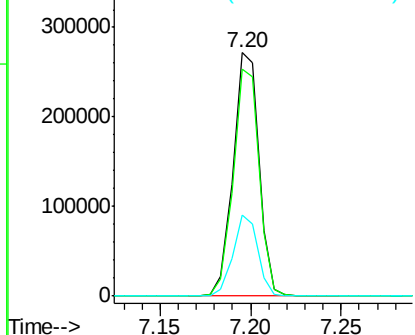


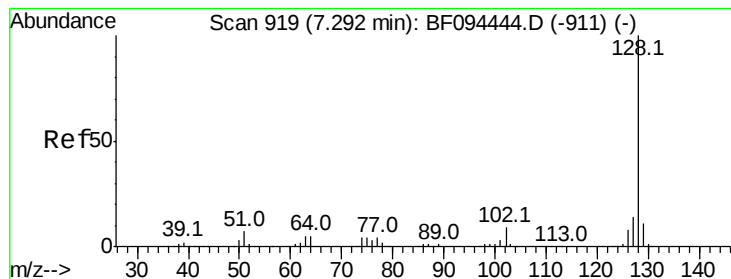
#30
 1,2,4-Trichlorobenzene
 Concen: 41.22 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.8	113.6
145	33.2	25.3	37.9



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





#31

Naphthalene

Concen: 40.38 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

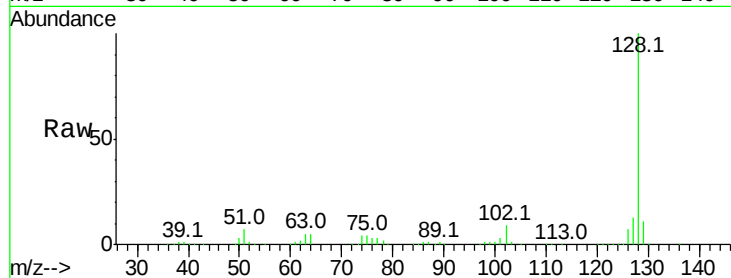
Tot Ion:128 Resp: 886972

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

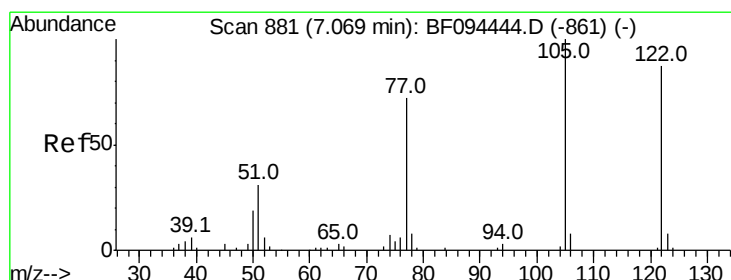
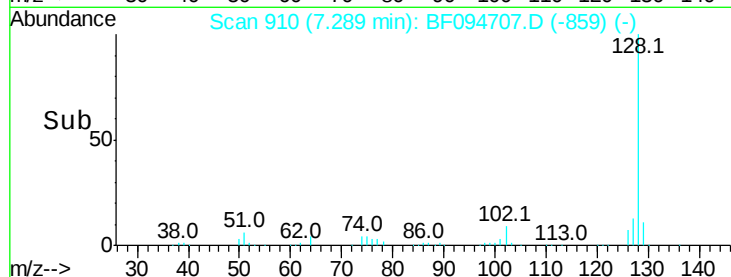
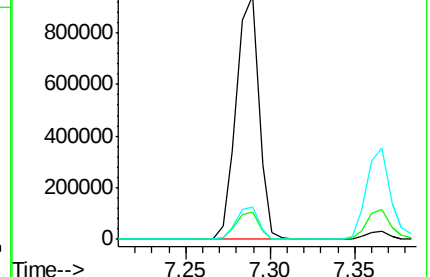
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.34 ng

RT: 7.08 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

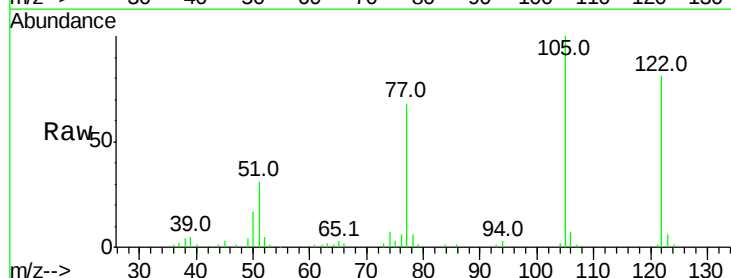
Tgt Ion:122 Resp: 173822

Ion Ratio Lower Upper

122 100

105 123.4 103.3 143.3

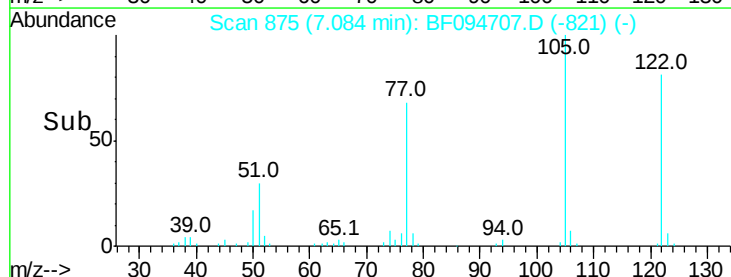
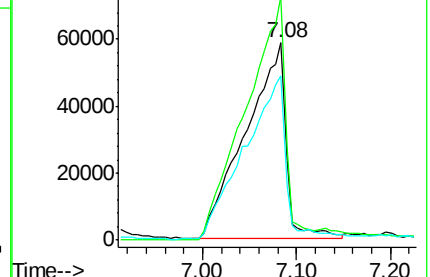
77 83.5 73.7 113.7

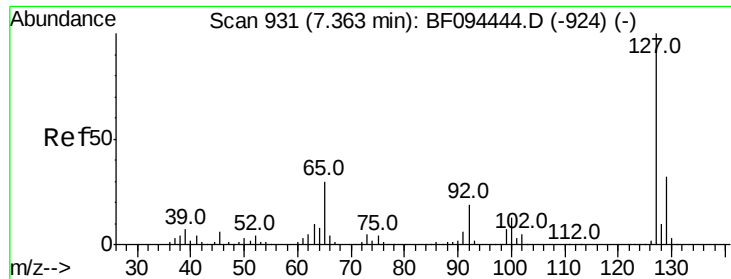


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

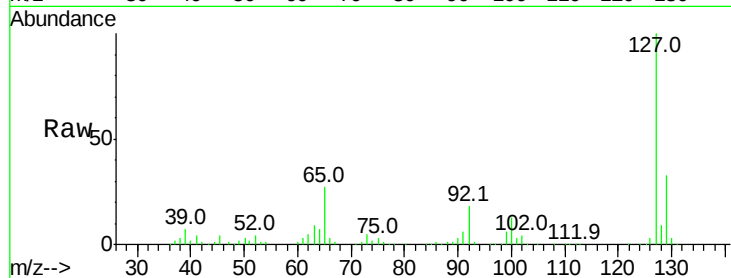




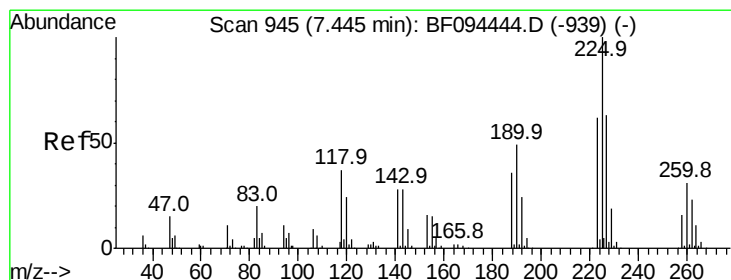
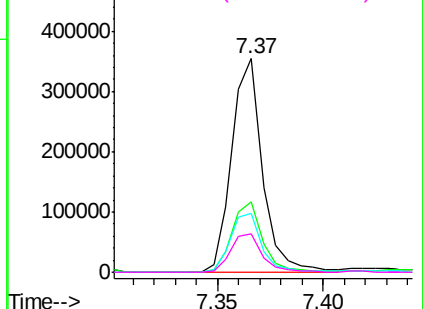
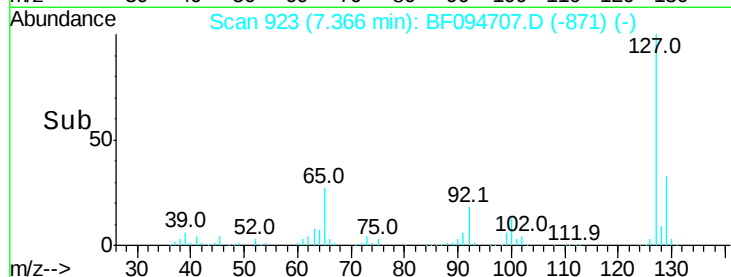
#33
 4-Chloroaniline
 Concen: 39.21 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	358243
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	27.5	27.8	41.8#
92	18.1	16.8	25.2

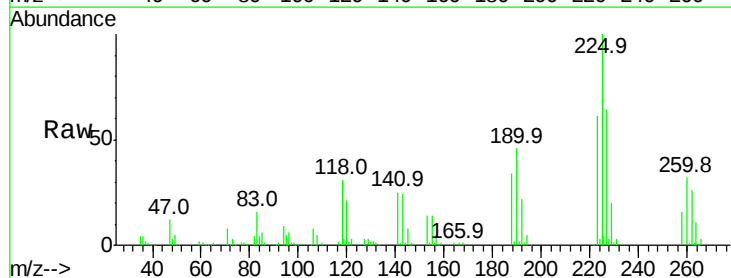


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

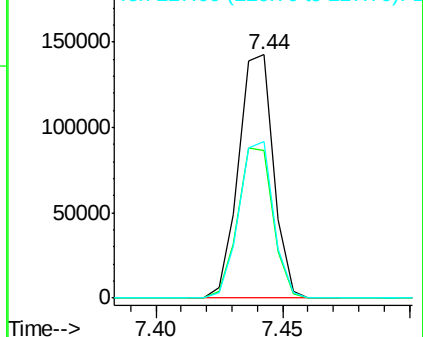
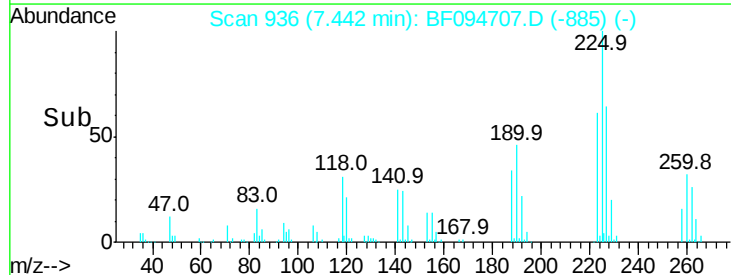


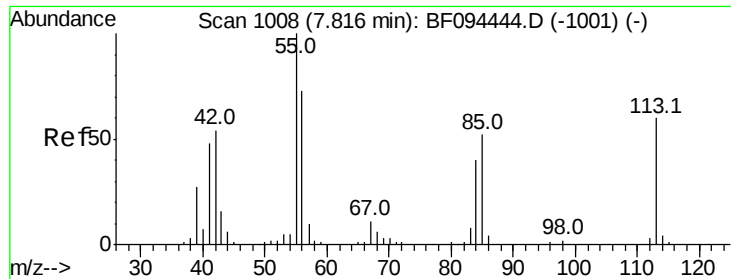
#34
 Hexachlorobutadiene
 Concen: 41.97 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:	225	Resp:	136829
Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.8	73.2
227	64.3	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

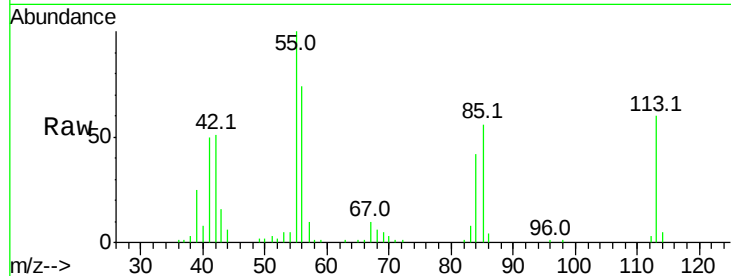




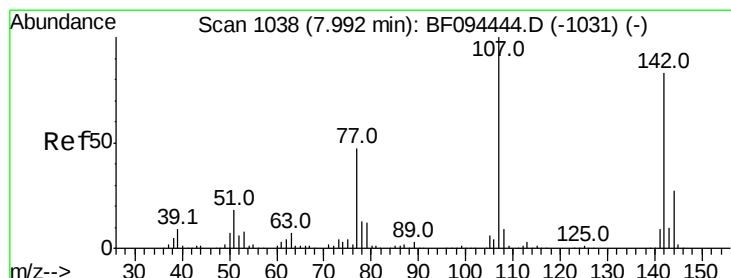
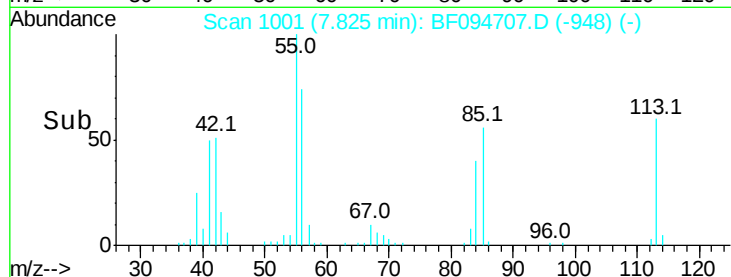
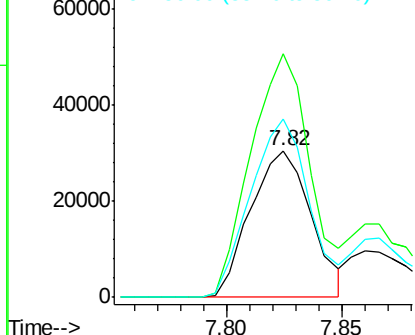
#35
 Caprolactam
 Concen: 28.01 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 55654
 Ion Ratio Lower Upper
 113 100
 55 166.3 150.2 190.2
 56 122.2 107.8 147.8

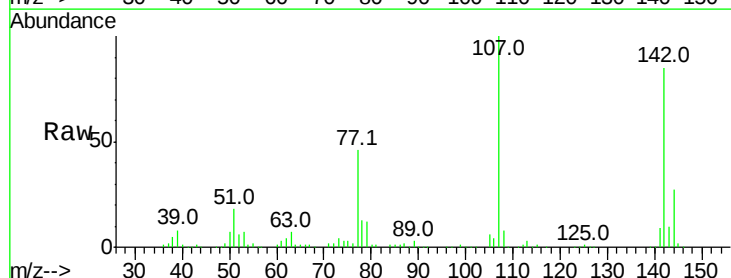


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

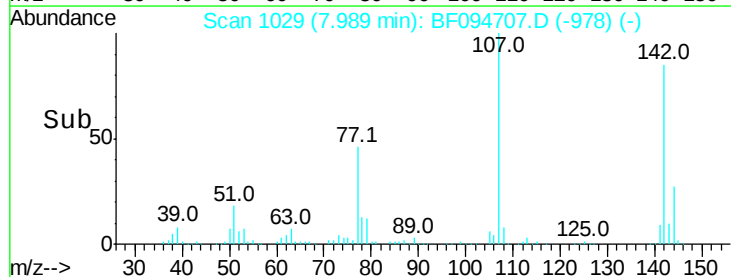
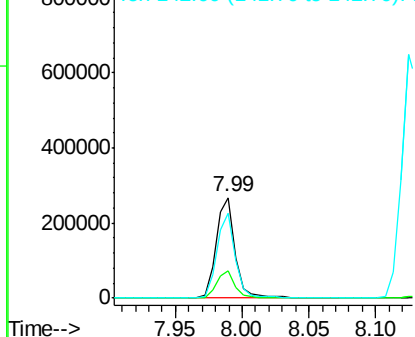


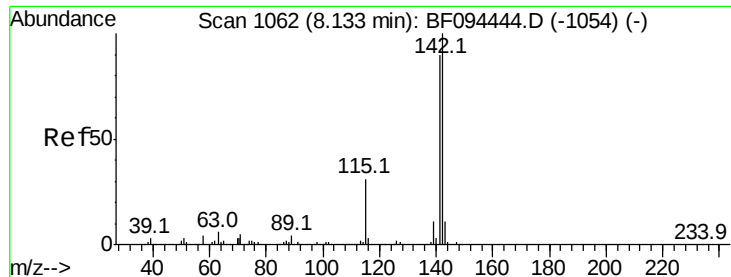
#36
 4-Chloro-3-methylphenol
 Concen: 40.51 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:107 Resp: 268577
 Ion Ratio Lower Upper
 107 100
 144 26.9 24.2 36.4
 142 84.9 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

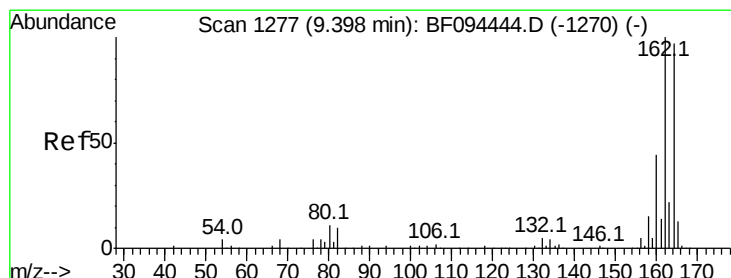
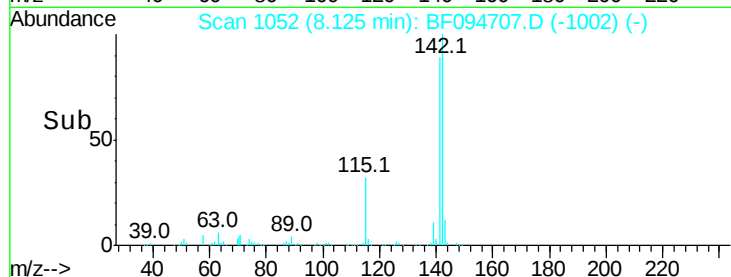
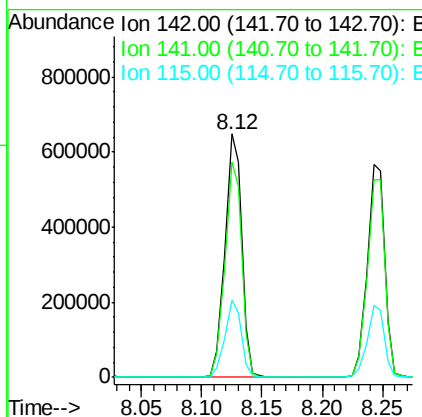
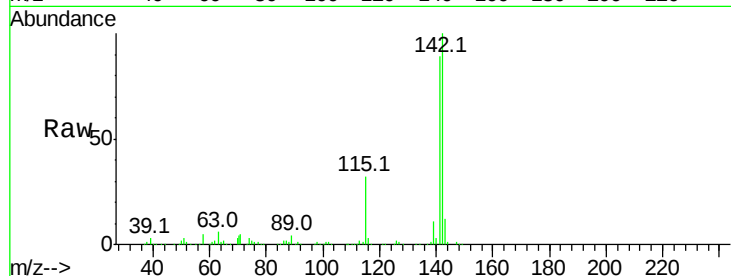




#37
 2-Methylnaphthalene
 Concen: 41.54 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

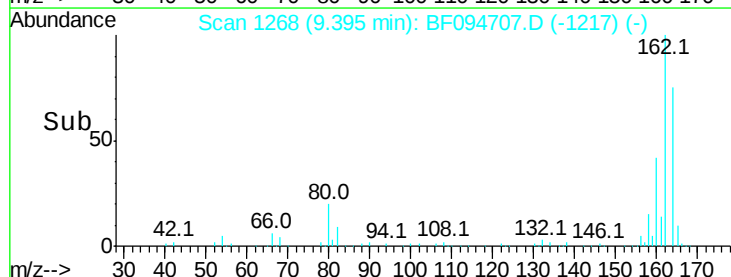
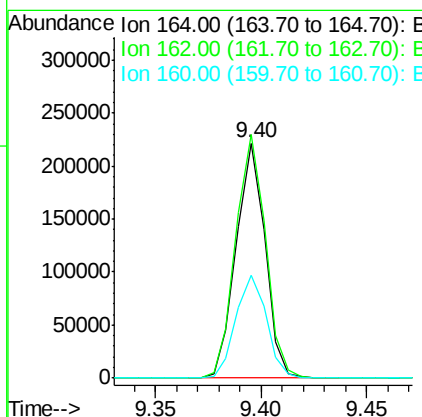
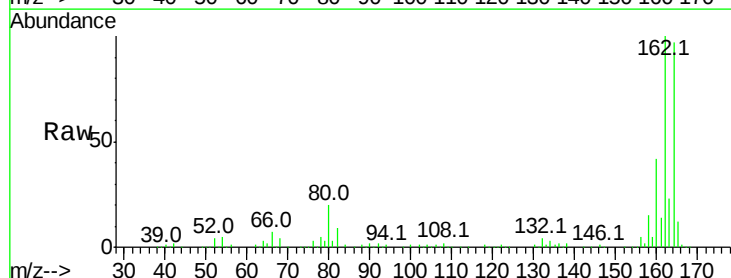
Instrument :
 BNA_F
 ClientSampleId :

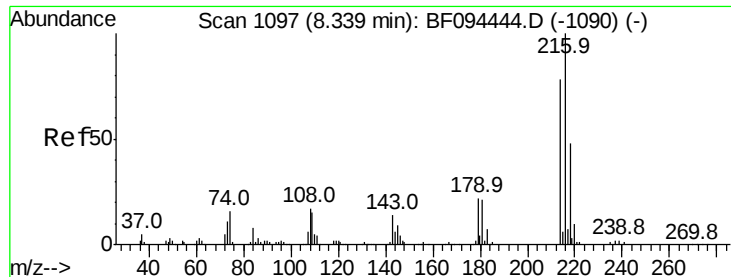
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	31.8	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	43.8	36.2	54.2

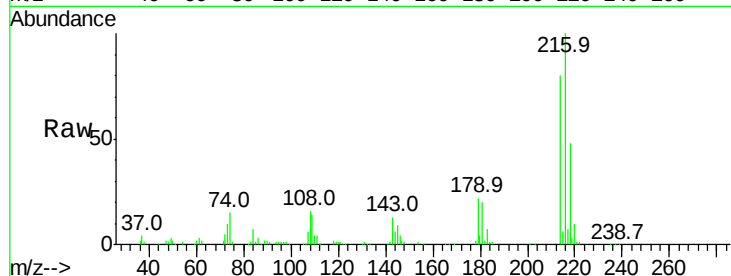




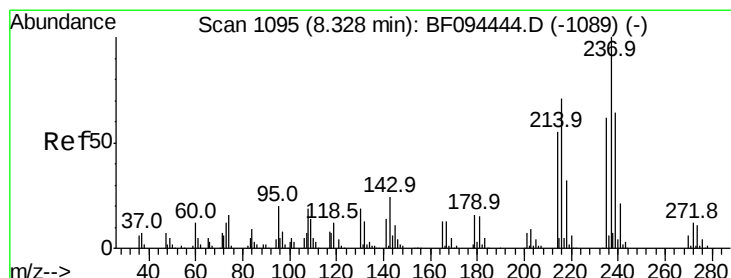
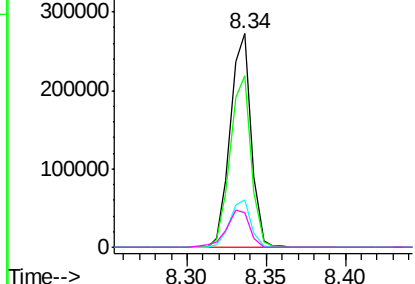
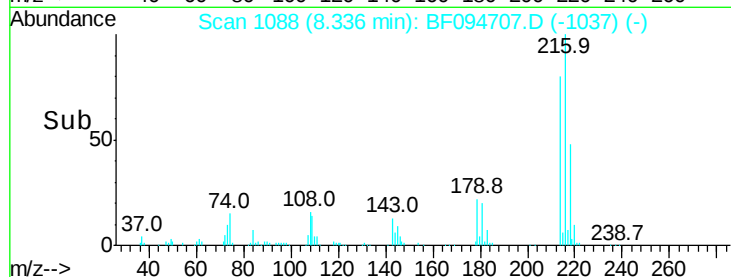
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.96 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	250484
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.2
179	22.4	17.9	26.9
108	19.4	16.5	24.7

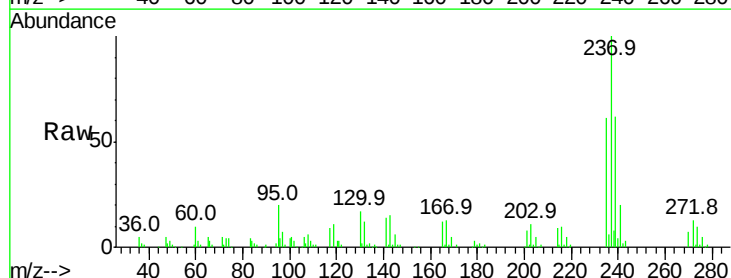


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

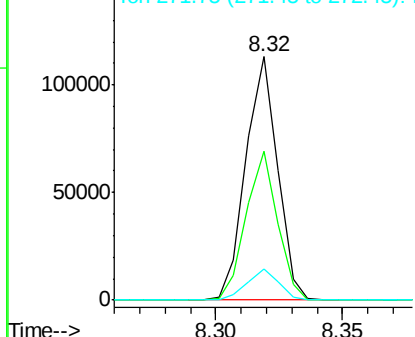
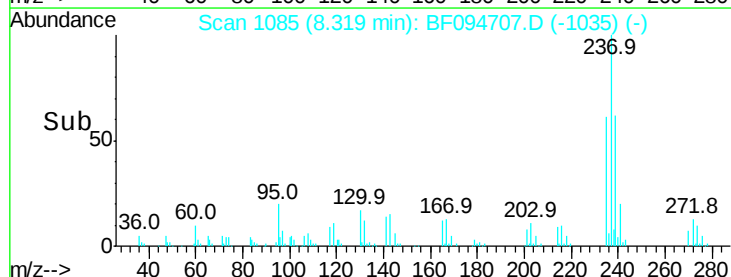


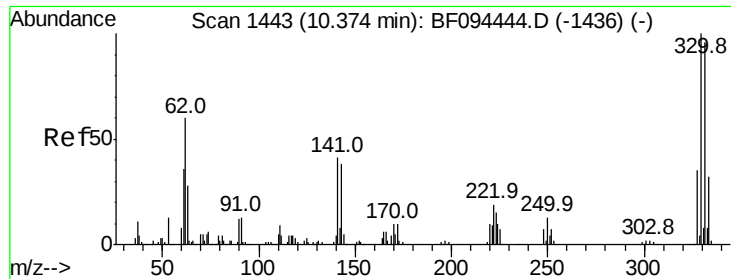
#40
 Hexachlorocyclopentadiene
 Concen: 41.03 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:	237	Resp:	99087
Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.6	82.6
272	12.7	0.0	31.9



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

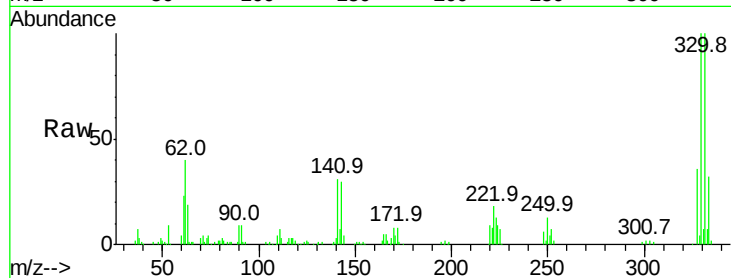




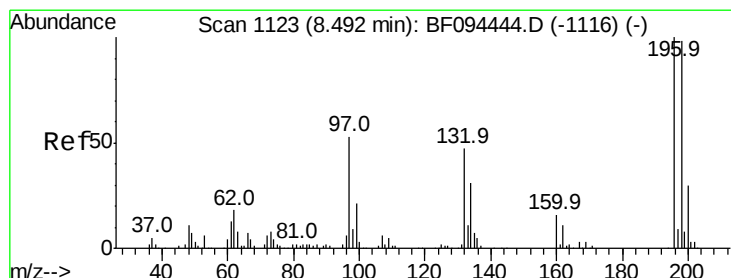
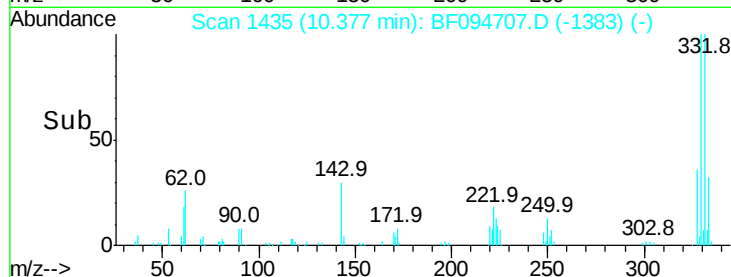
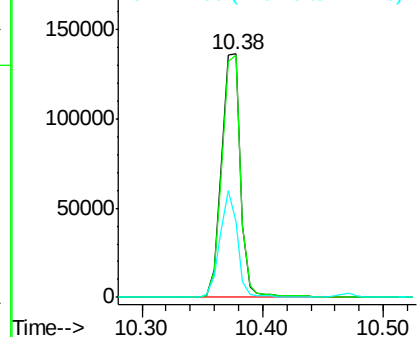
#41
 2,4,6-Tribromophenol
 Concen: 89.42 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 146638
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 40.2 31.4 47.2

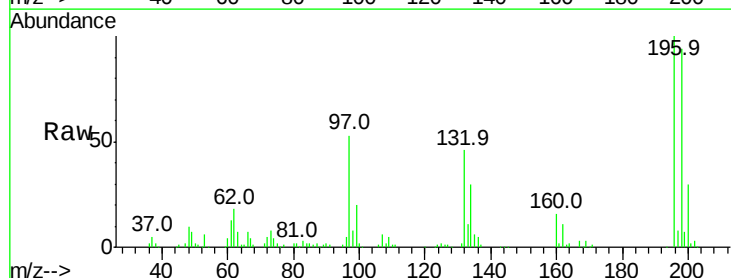


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

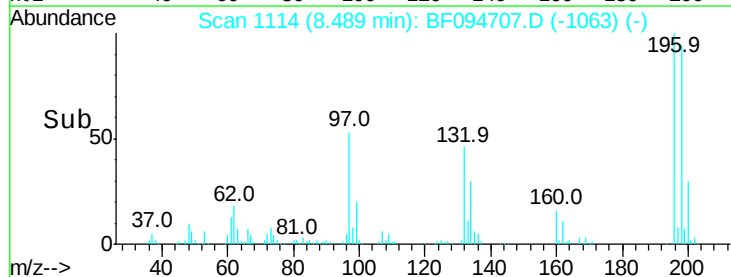
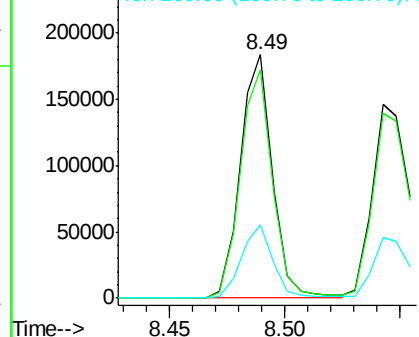


#42
 2,4,6-Trichlorophenol
 Concen: 42.34 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:196 Resp: 177485
 Ion Ratio Lower Upper
 196 100
 198 93.9 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

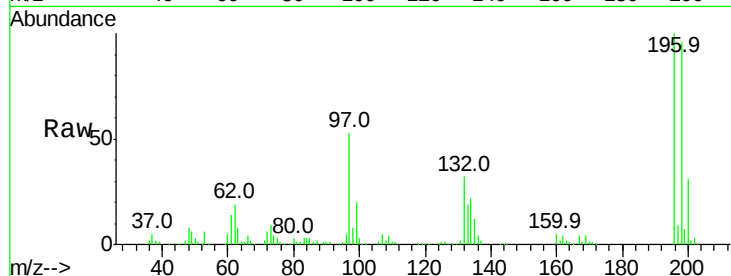




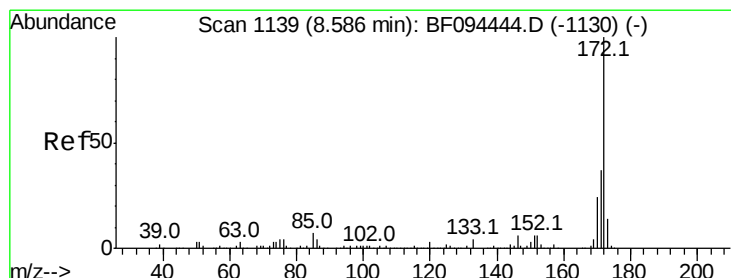
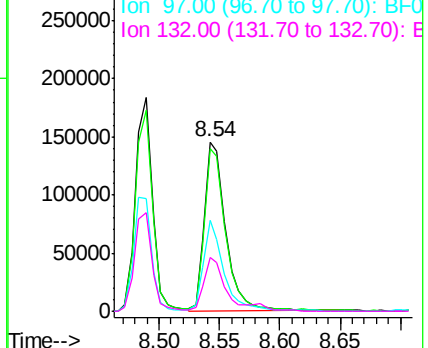
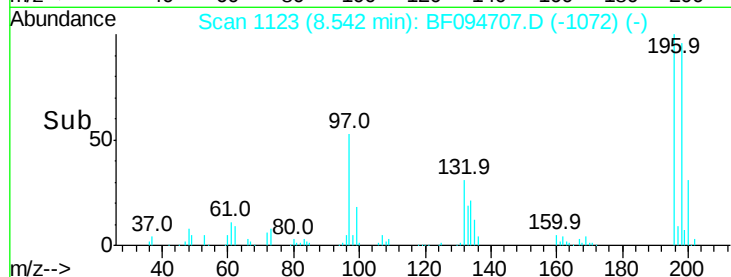
#43
 2,4,5-Trichlorophenol
 Concen: 41.48 ng
 RT: 8.54 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 178576
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 97 53.4 47.7 71.5
 132 31.6 28.0 42.0

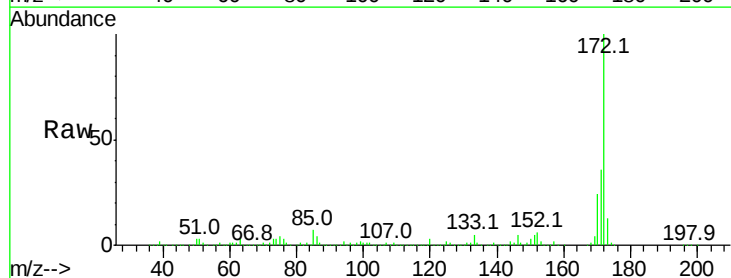


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

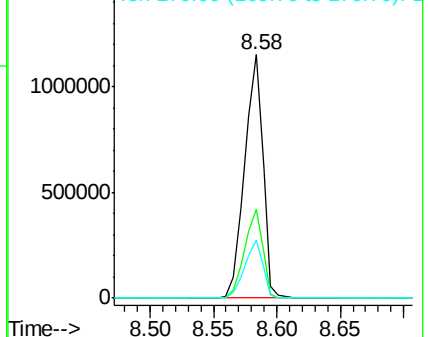
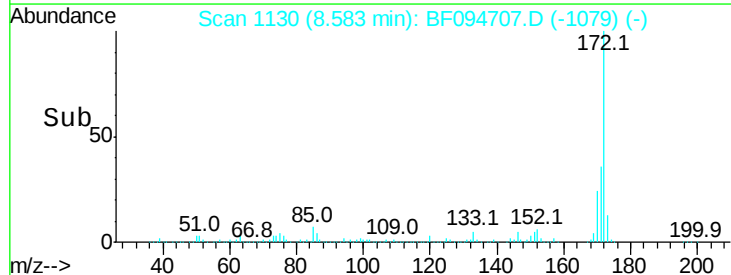


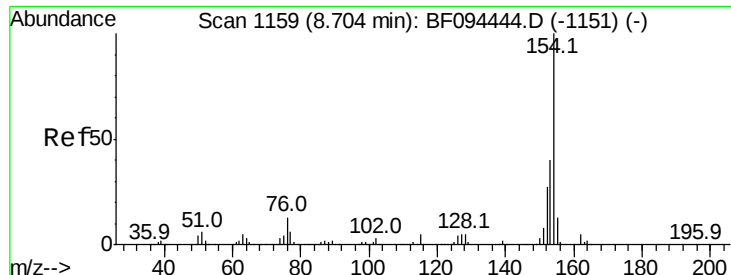
#44
 2-Fluorobiphenyl
 Concen: 80.70 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:172 Resp: 1149867
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.62 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

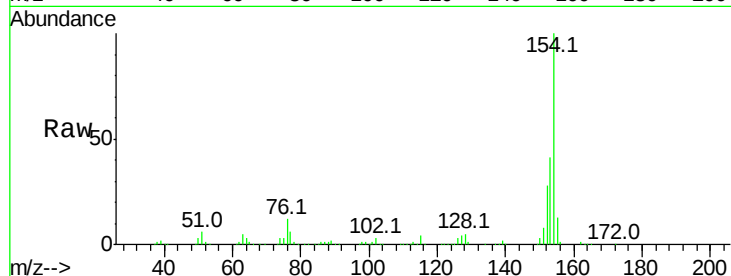
Tot Ion:154 Resp: 712826

Ion Ratio Lower Upper

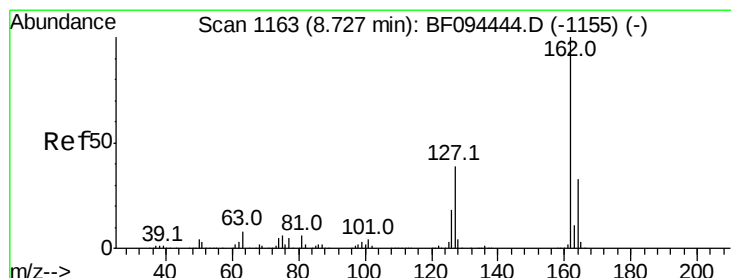
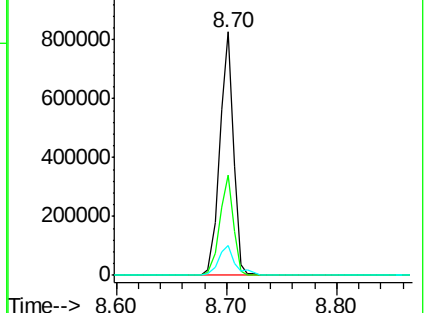
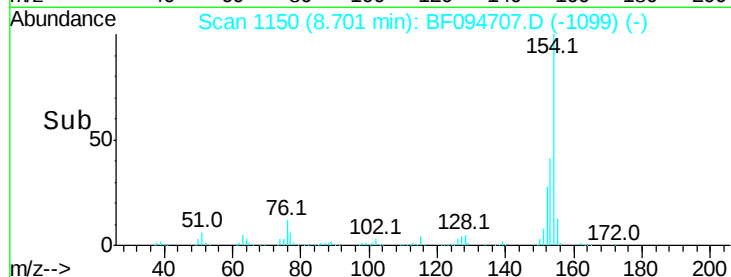
154 100

153 41.0 21.2 61.2

76 12.1 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.17 ng

RT: 8.72 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

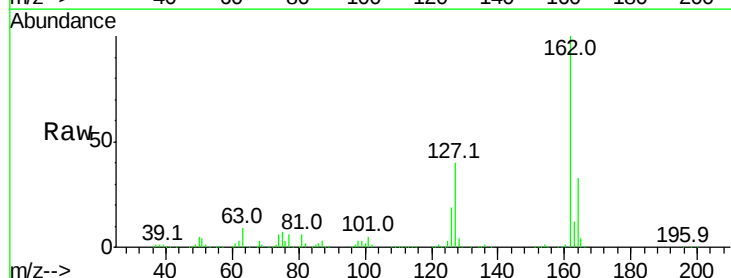
Tgt Ion:162 Resp: 560674

Ion Ratio Lower Upper

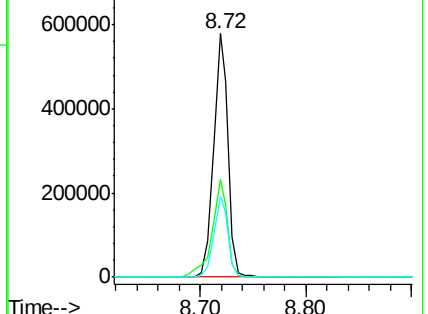
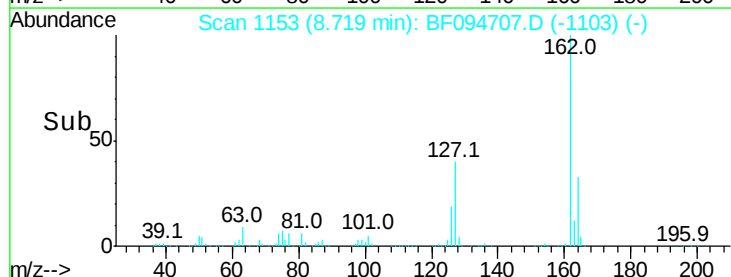
162 100

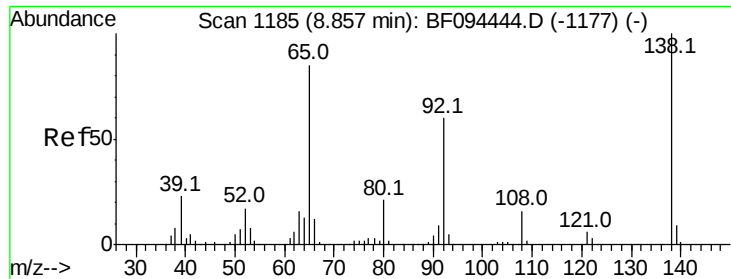
127 40.1 28.3 42.5

164 33.1 27.0 40.4



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

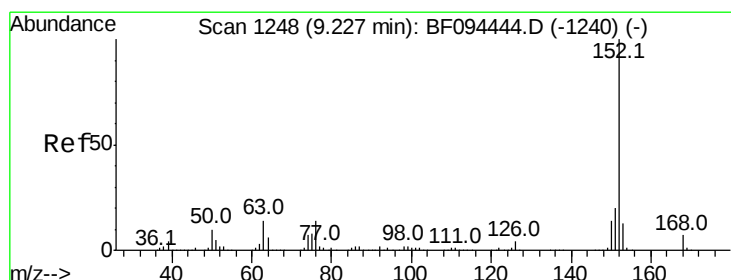
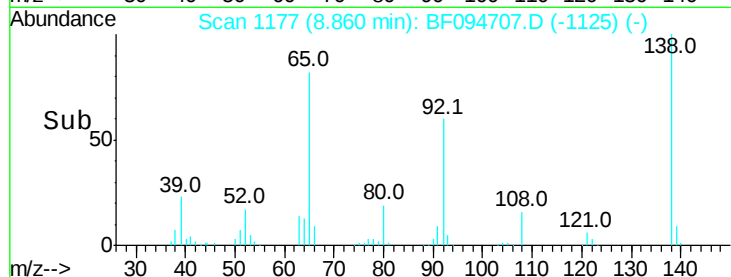
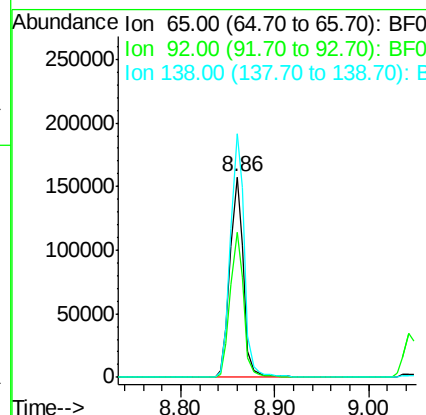
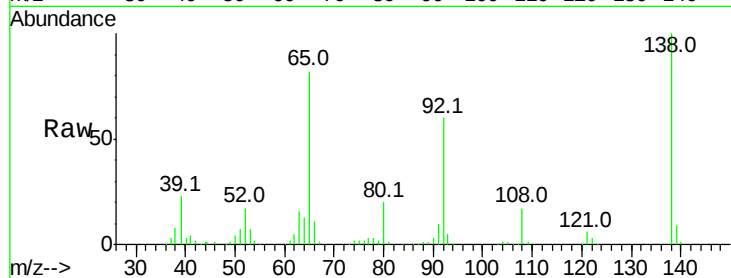




#47
 2-Nitroaniline
 Concen: 40.21 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

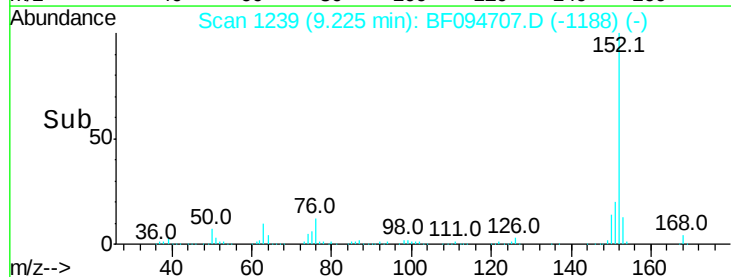
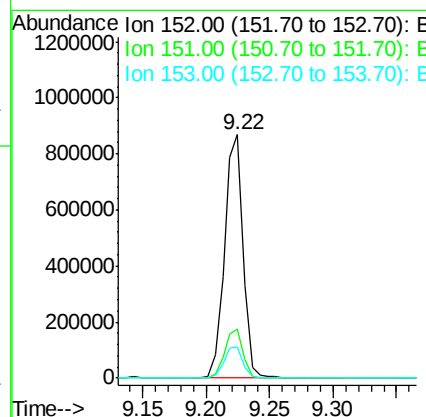
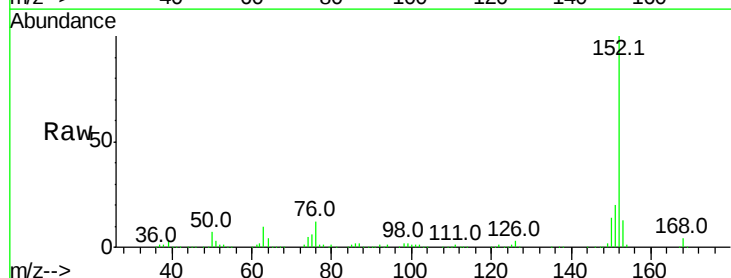
Instrument :
 BNA_F
 ClientSampled :

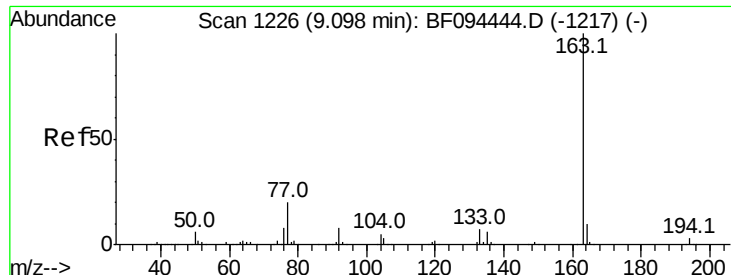
Tot Ion: 65 Resp: 157560
 Ion Ratio Lower Upper
 65 100
 92 72.6 53.9 80.9
 138 121.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.63 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:152 Resp: 883960
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.0 10.8 16.2

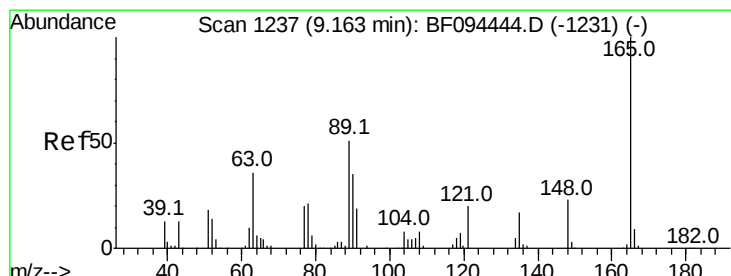
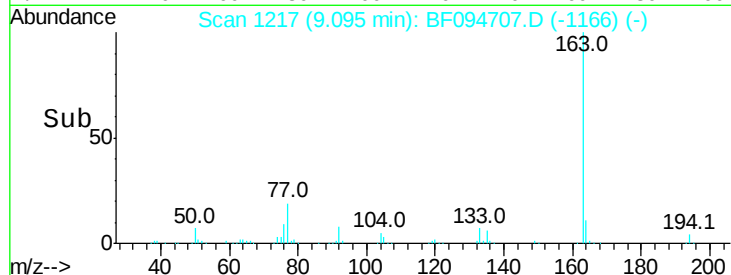
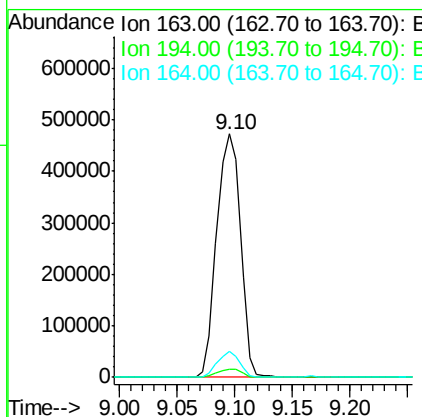
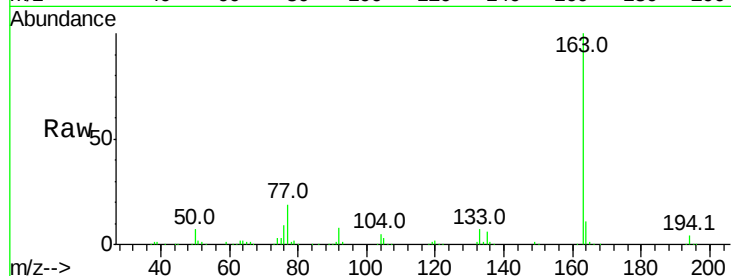




#49
Dimethylphthalate
Concen: 43.27 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

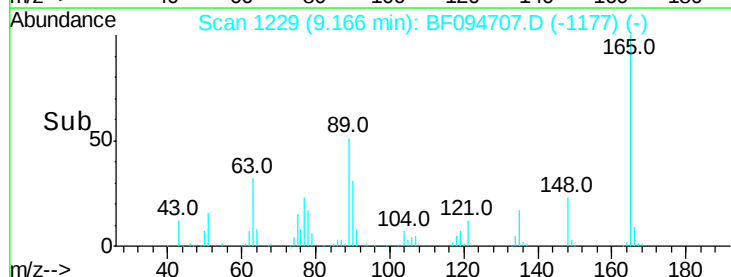
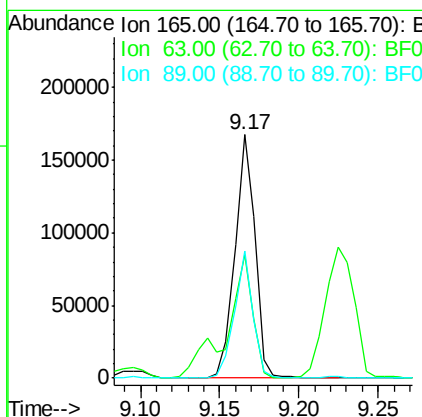
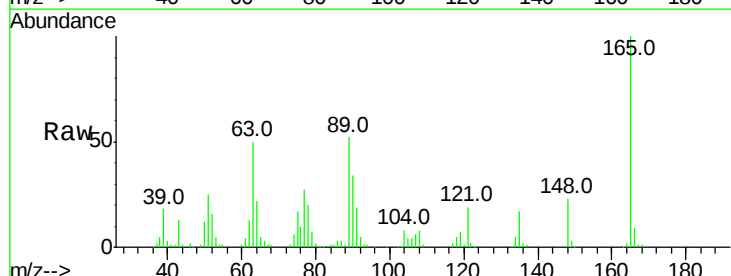
Instrument :
BNA_F
ClientSampleId :

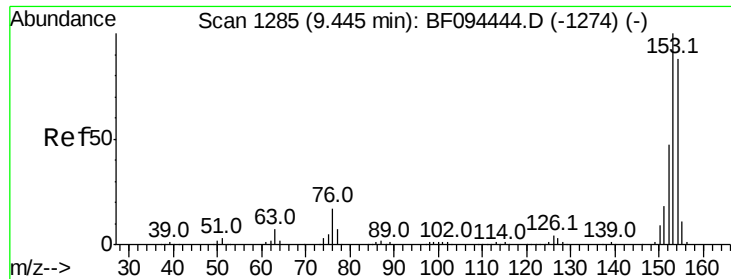
Tot Ion:163 Resp: 675996
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.7 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 41.96 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion:165 Resp: 147143
Ion Ratio Lower Upper
165 100
63 50.4 34.3 51.5
89 52.2 37.1 55.7





#51

Acenaphthene

Concen: 41.56 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

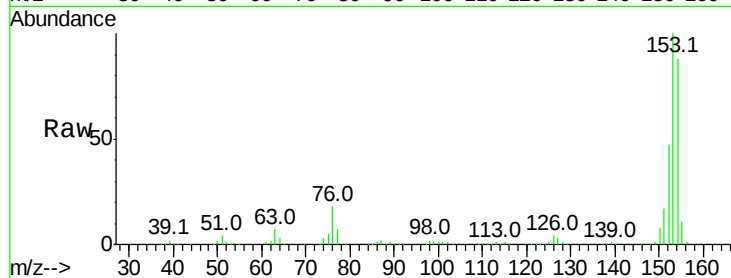
Tot Ion:154 Resp: 528455

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

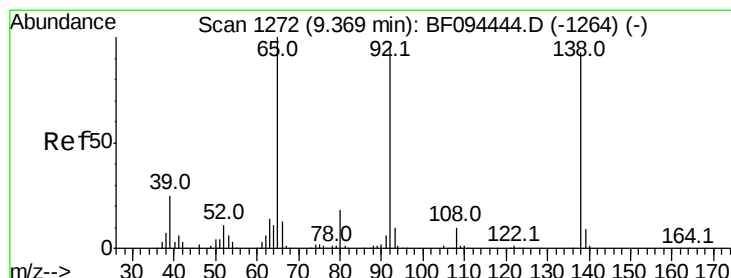
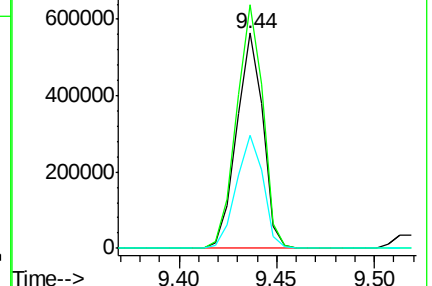
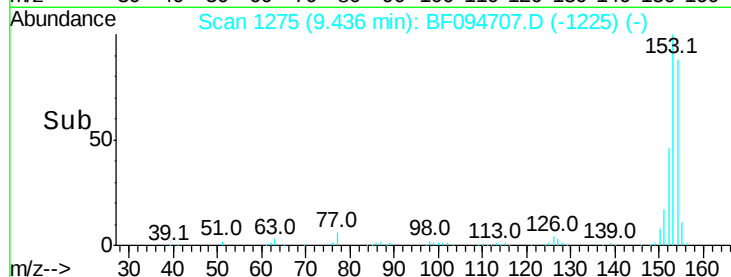
152 52.8 43.6 65.4



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: 38.69 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

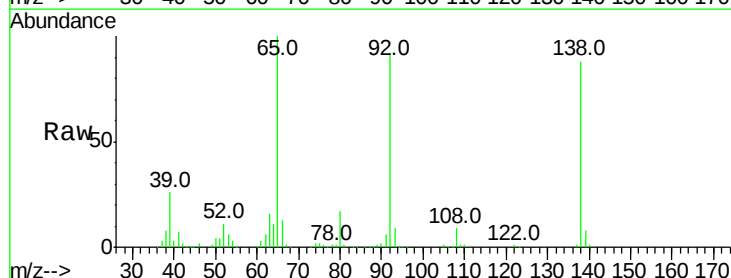
Tgt Ion:138 Resp: 156979

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

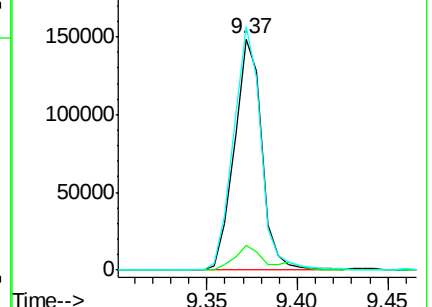
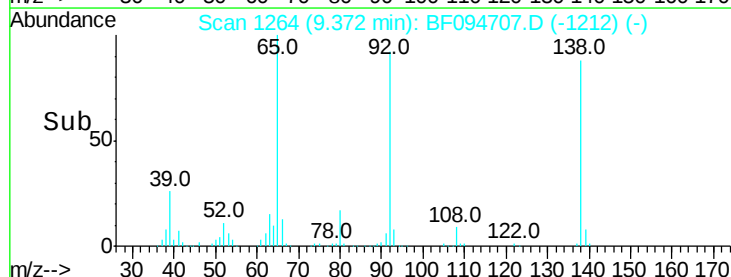
92 105.2 93.8 140.6

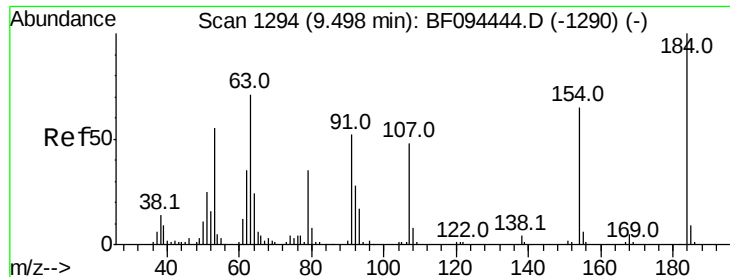


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

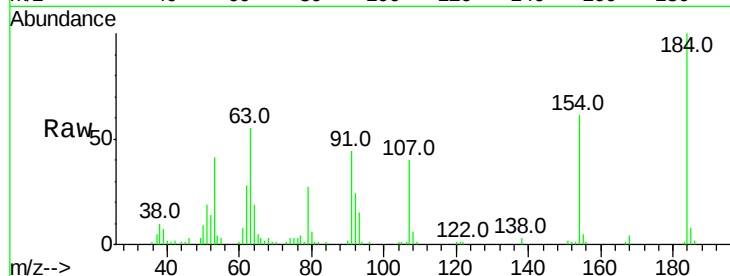




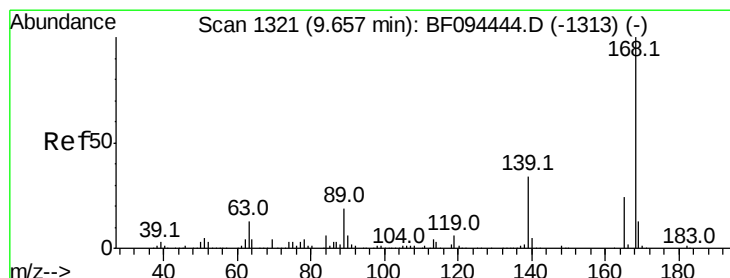
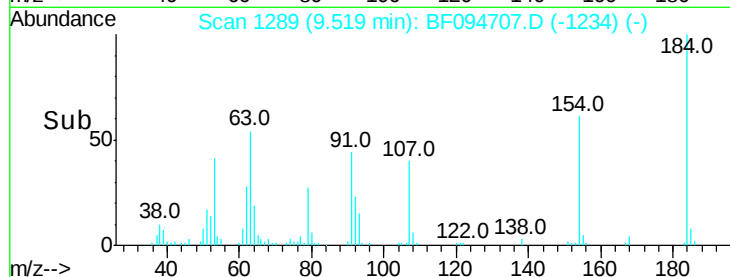
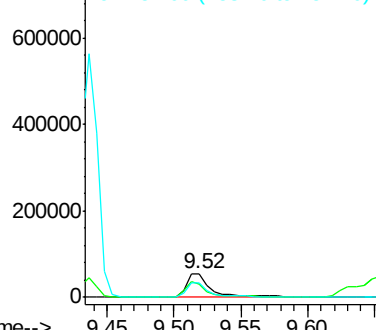
#53
 2,4-Dinitrophenol
 Concen: 41.61 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 73504
 Ion Ratio Lower Upper
 184 100
 63 54.7 62.7 94.1#
 154 61.1 81.1 121.7#

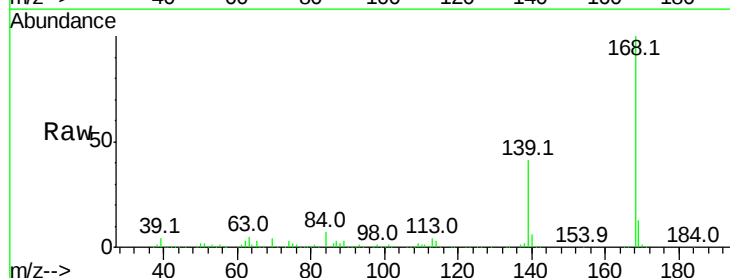


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

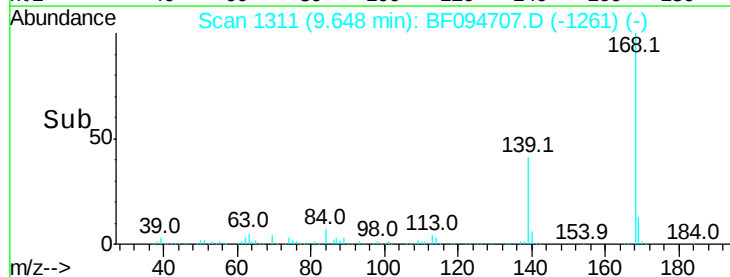
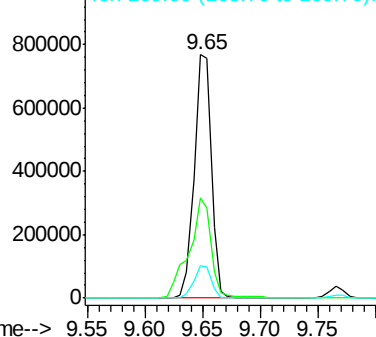


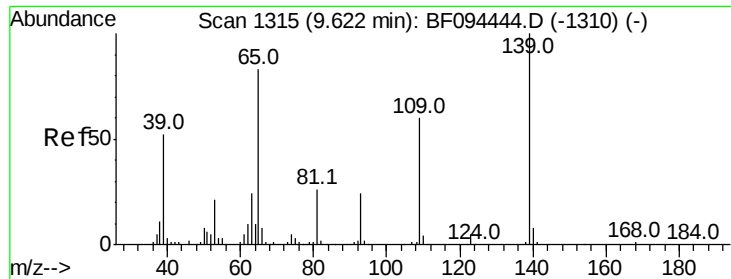
#54
 Dibenzofuran
 Concen: 43.07 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:168 Resp: 796025
 Ion Ratio Lower Upper
 168 100
 139 41.1 30.6 45.8
 169 13.4 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

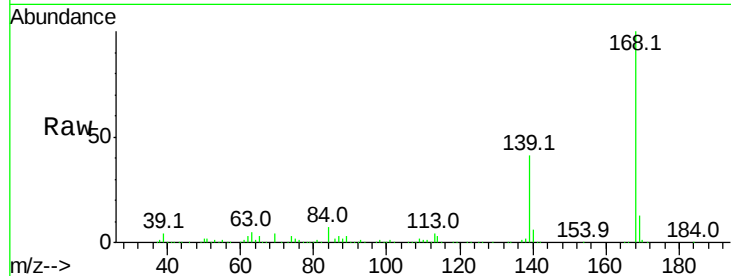




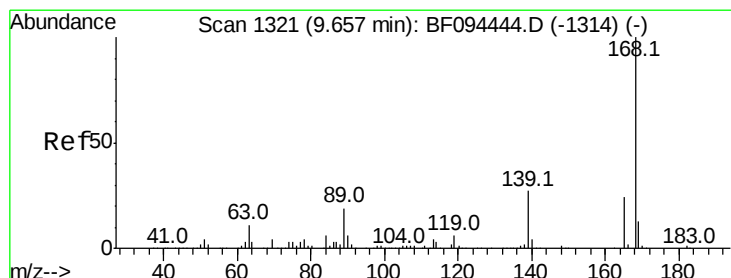
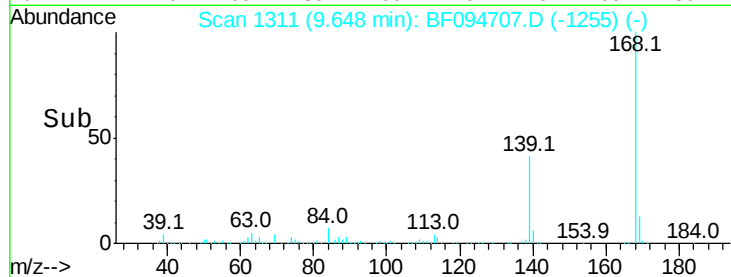
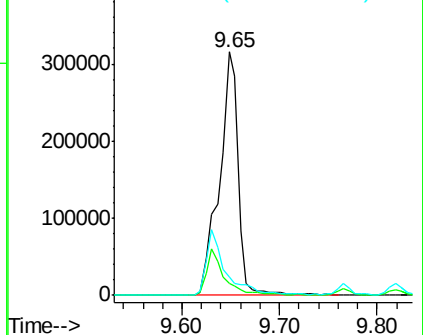
#55
4-Nitrophenol
Concen: 148.76 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	5.1	34.1	74.1#
65	7.5	31.4	71.4#



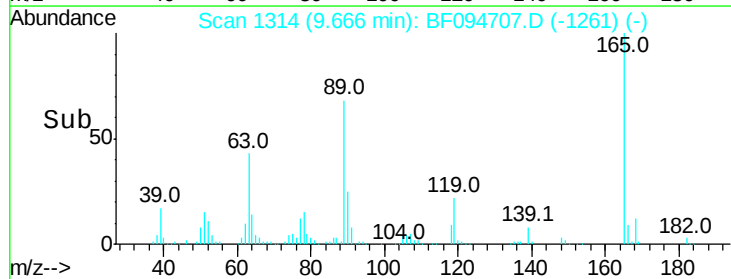
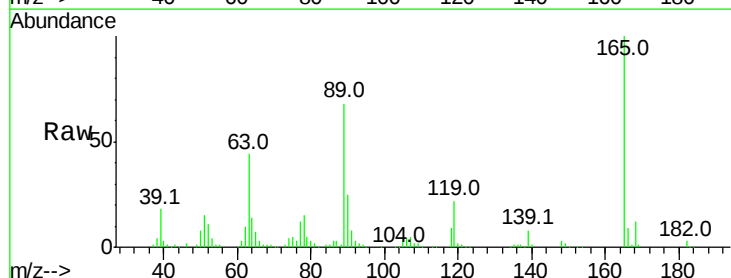
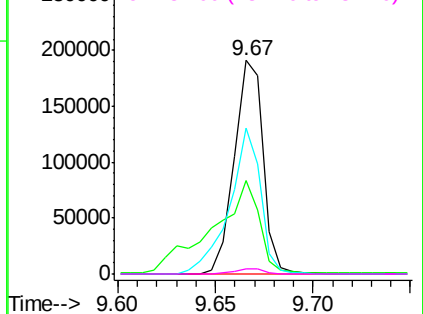
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 45.50 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.6	25.4	38.0#
89	68.5	46.4	69.6
182	2.5	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: 40.99 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

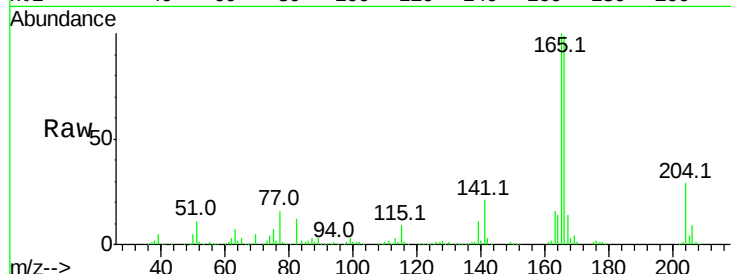
Tot Ion:166 Resp: 590032

Ion Ratio Lower Upper

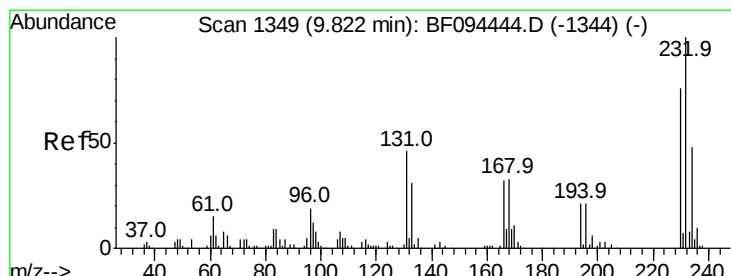
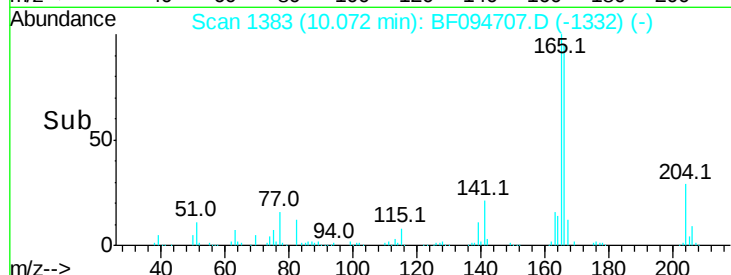
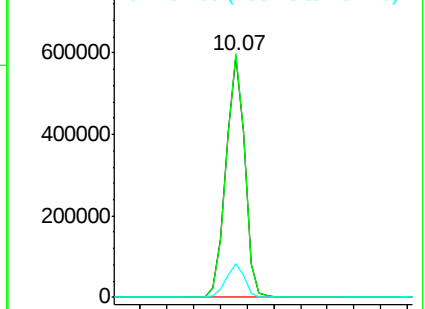
166 100

165 100.8 78.8 118.2

167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.10 ng

RT: 9.82 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Tgt Ion:232 Resp: 136085

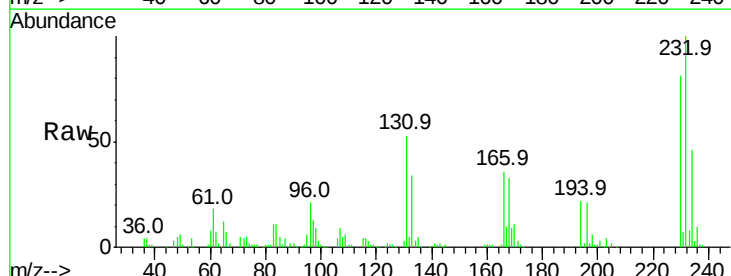
Ion Ratio Lower Upper

232 100

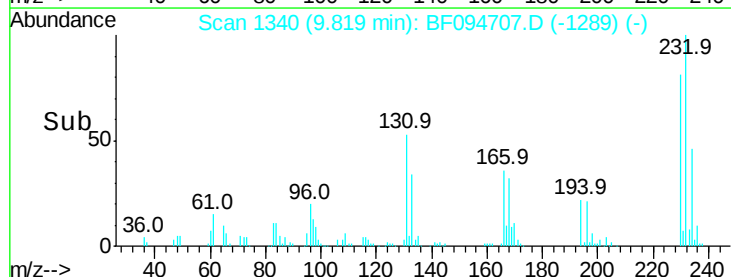
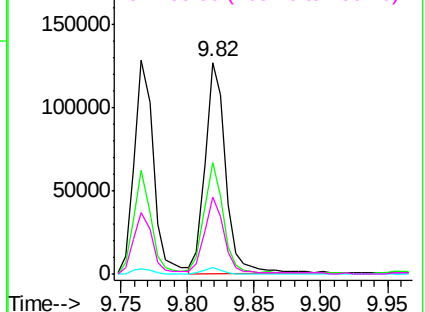
131 51.8 44.8 67.2

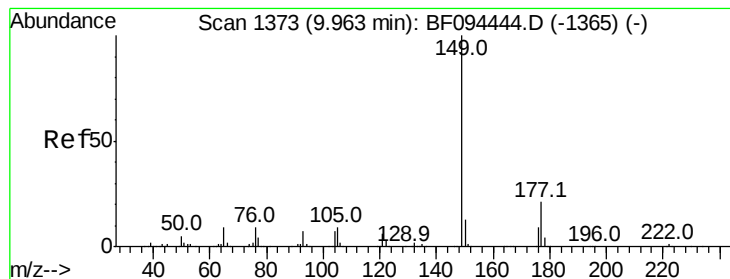
130 2.5 2.3 3.5

166 36.9 29.0 43.4



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





#59

Diethylphthalate

Concen: 43.48 ng

RT: 9.96 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

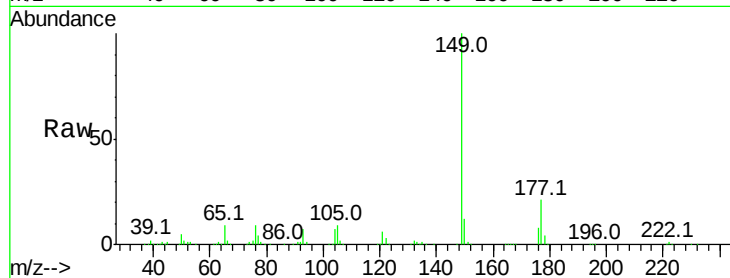
Tot Ion:149 Resp: 640922

Ion Ratio Lower Upper

149 100

177 21.3 16.7 25.1

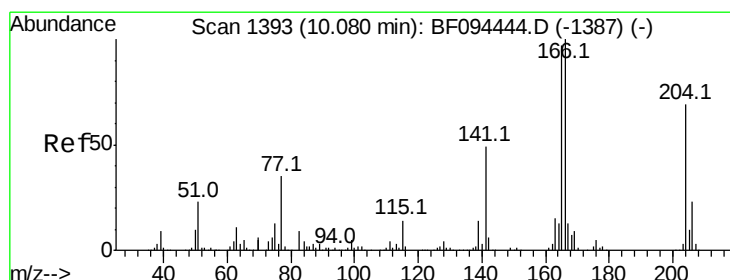
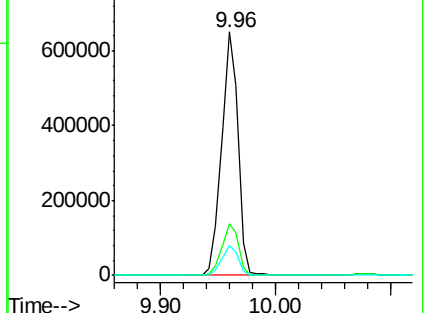
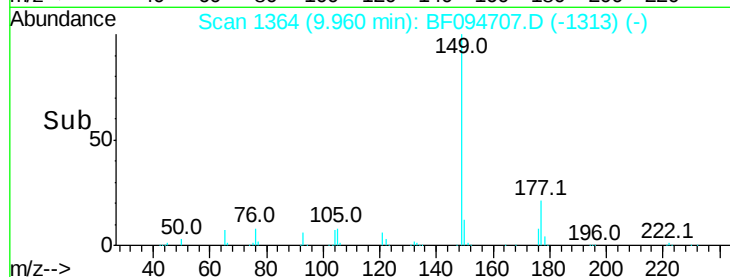
150 12.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.37 ng

RT: 10.08 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

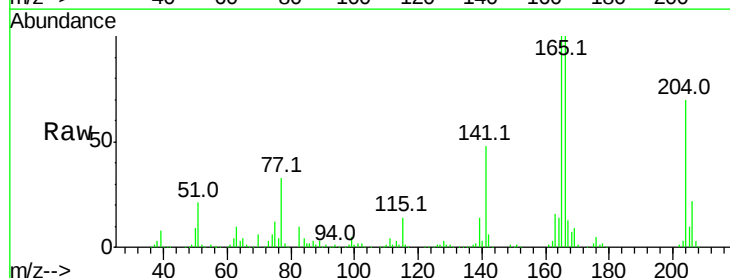
Tgt Ion:204 Resp: 259786

Ion Ratio Lower Upper

204 100

206 31.7 26.2 39.2

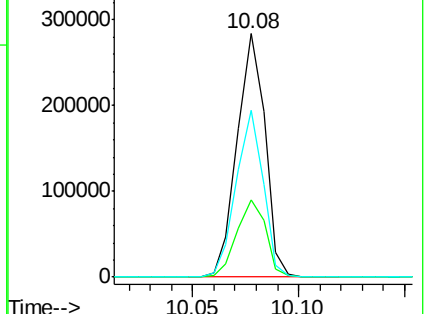
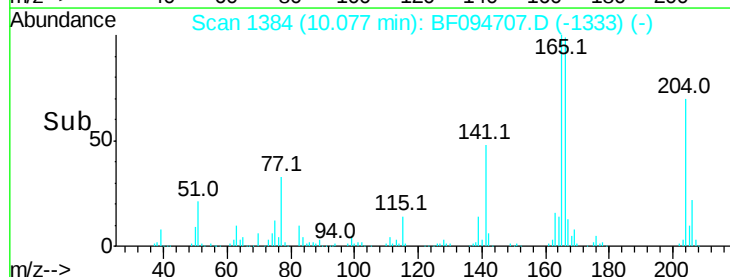
141 68.7 60.8 91.2

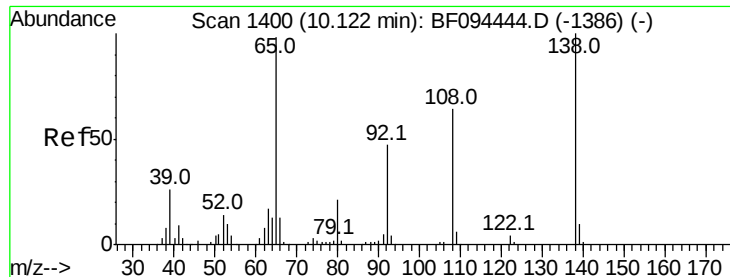


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

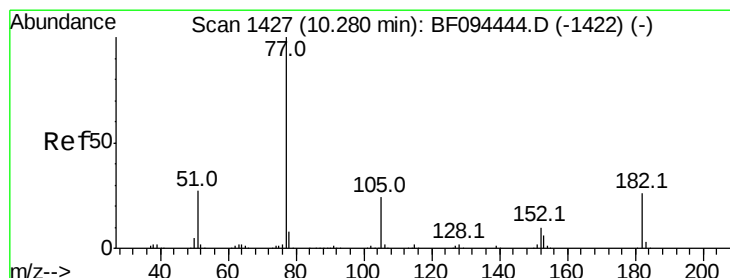
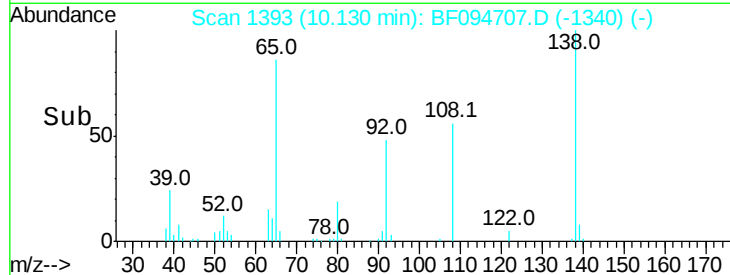
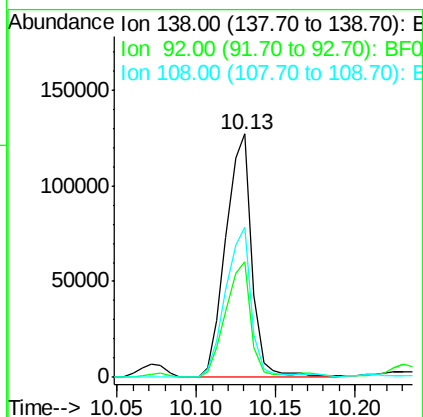
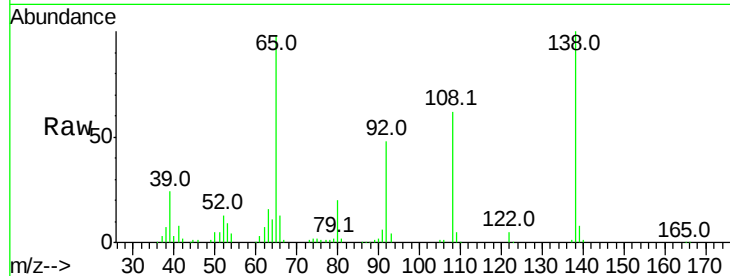




#61
 4-Nitroaniline
 Concen: 35.33 ng
 RT: 10.13 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

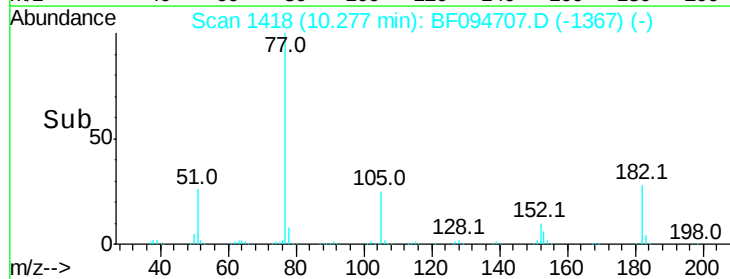
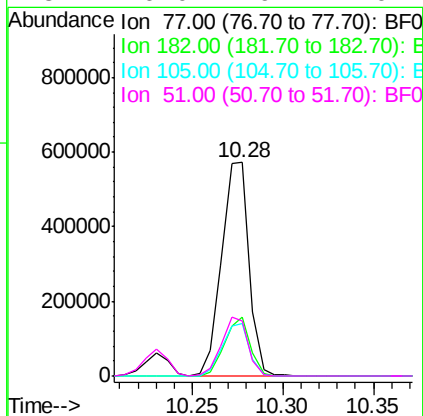
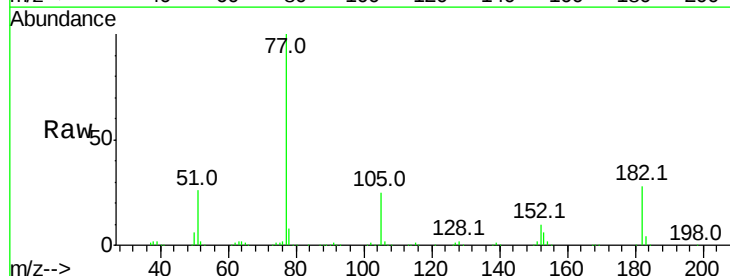
Instrument :
 BNA_F
 ClientSampled :

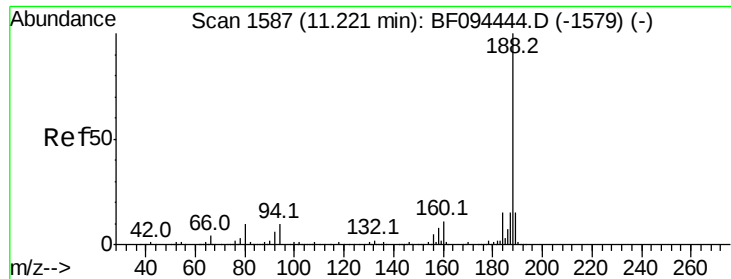
Tot Ion:138 Resp: 145716
 Ion Ratio Lower Upper
 138 100
 92 47.7 21.8 61.8
 108 61.7 42.3 82.3



#62
 Azobenzene
 Concen: 42.03 ng
 RT: 10.28 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion: 77 Resp: 601551
 Ion Ratio Lower Upper
 77 100
 182 27.7 0.1 40.1
 105 24.8 3.6 43.6
 51 26.0 9.4 49.4

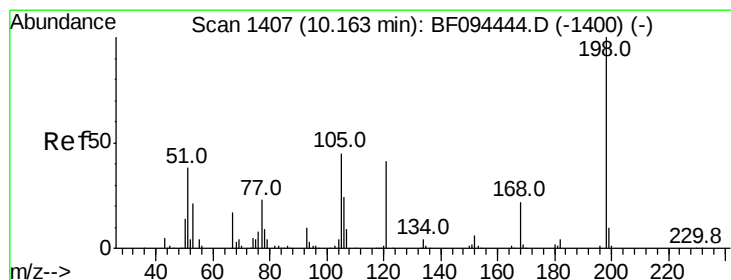
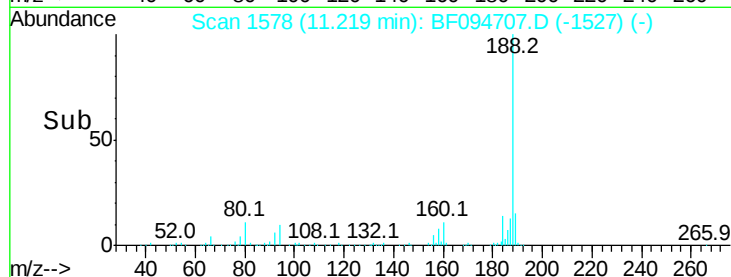
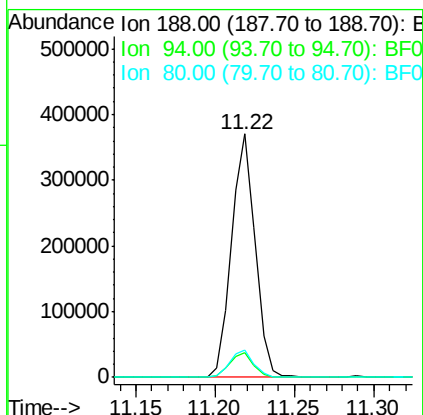
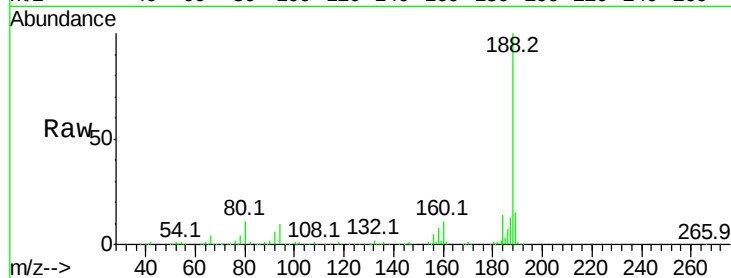




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

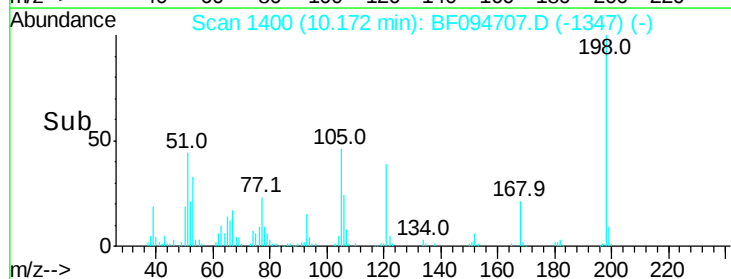
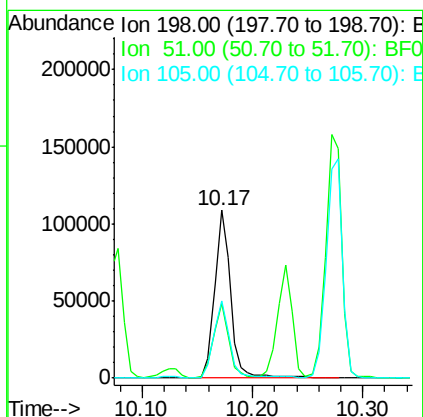
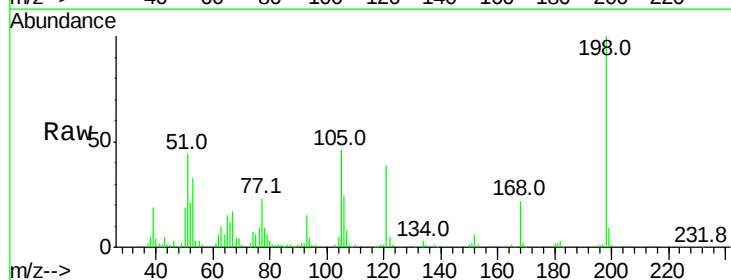
Instrument :
BNA_F
ClientSampleId :

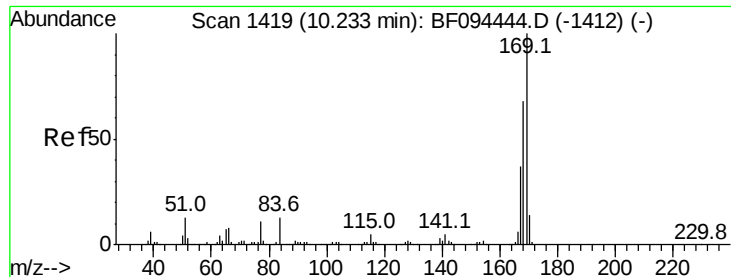
Tot Ion:188 Resp: 382388
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.50 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion:198 Resp: 108988
Ion Ratio Lower Upper
198 100
51 44.2 53.2 93.2#
105 45.7 45.8 85.8#

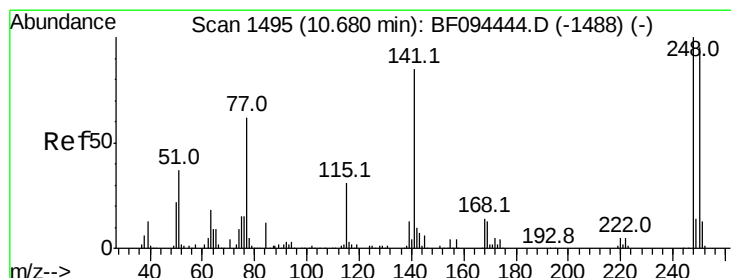
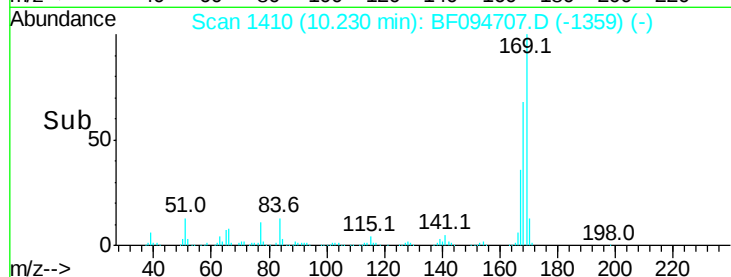
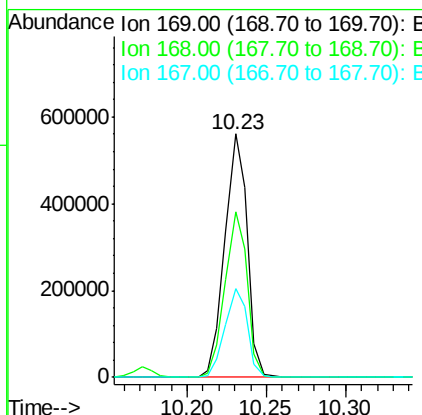
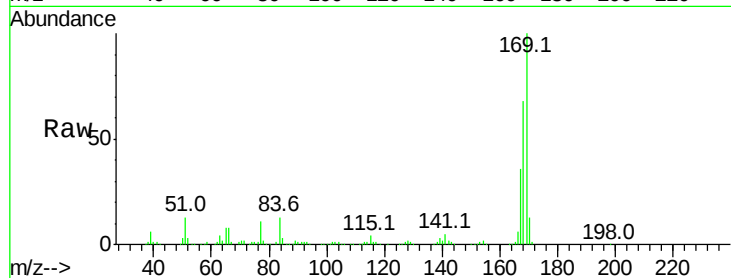




#65
n-Nitrosodiphenylamine
Concen: 41.37 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

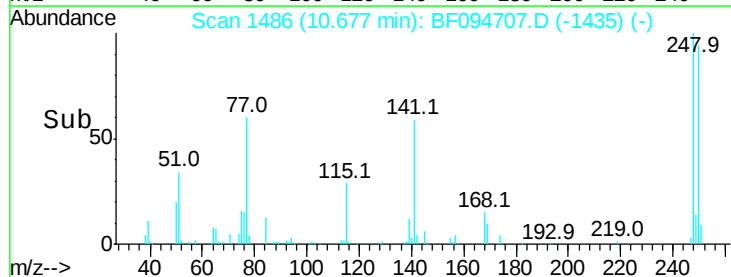
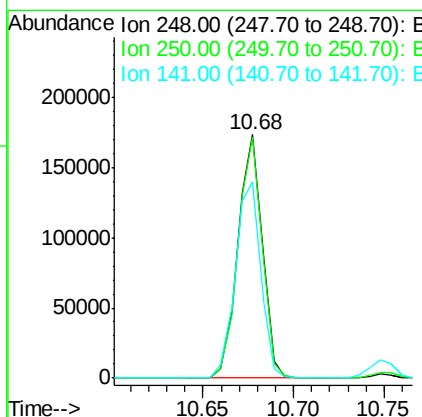
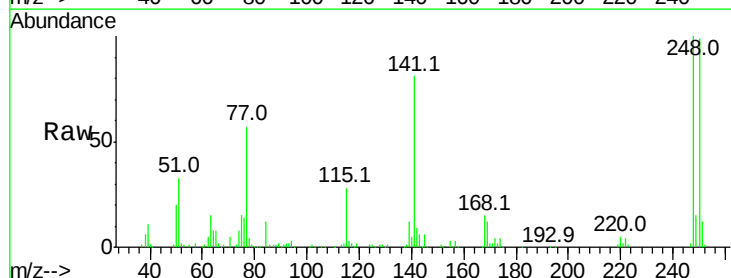
Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 550157
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 36.3 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 42.63 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion:248 Resp: 161871
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 80.6 68.6 103.0

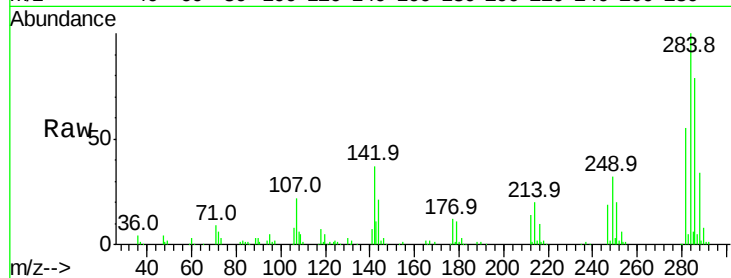




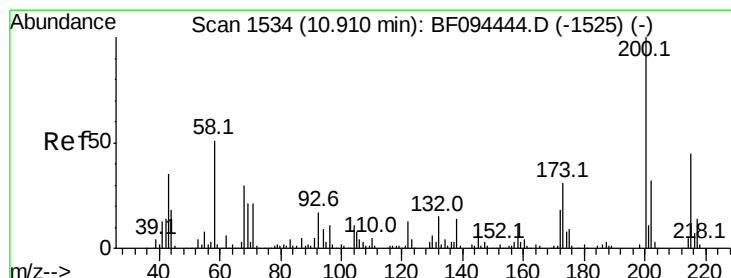
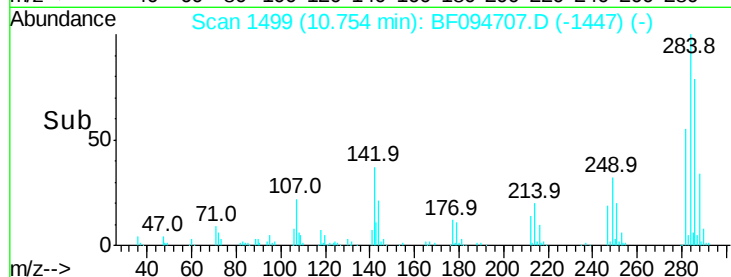
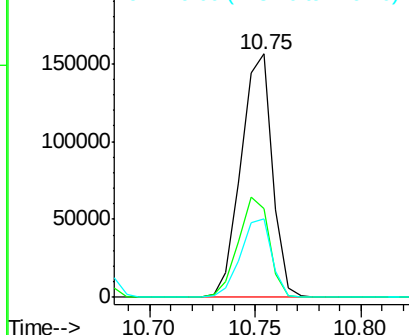
#67
Hexachlorobenzene
Concen: 42.04 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 160854
Ion Ratio Lower Upper
284 100
142 36.5 22.8 34.2#
249 32.2 24.0 36.0

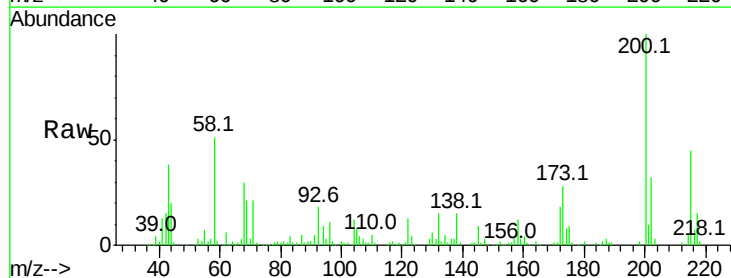


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

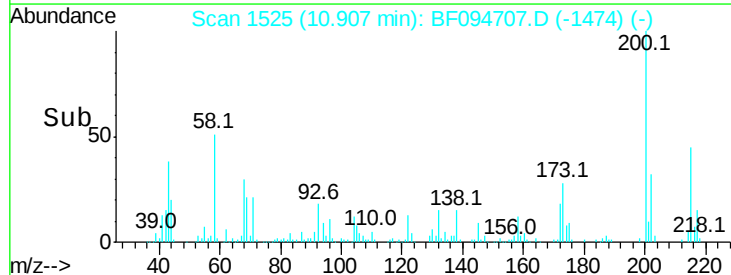
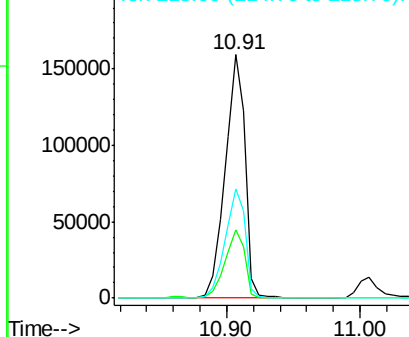


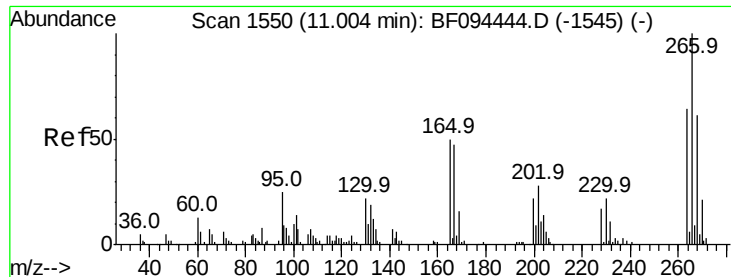
#68
Atrazine
Concen: 42.23 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion:200 Resp: 168026
Ion Ratio Lower Upper
200 100
173 27.8 6.3 46.3
215 45.0 27.2 67.2



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

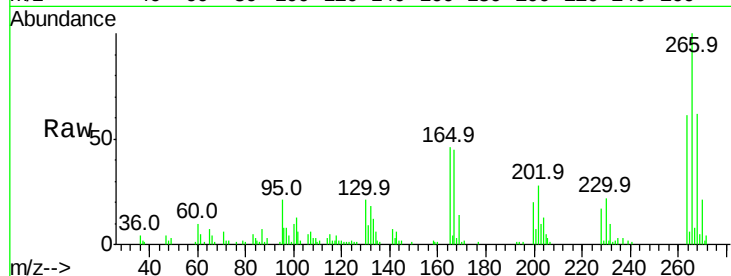




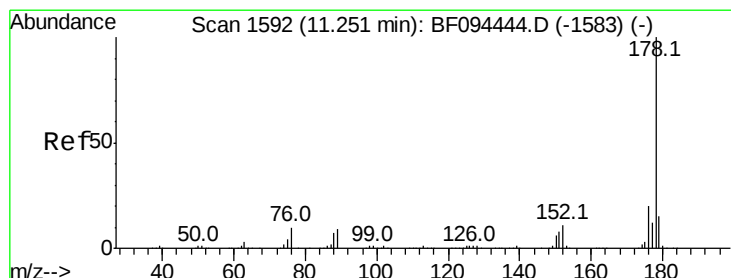
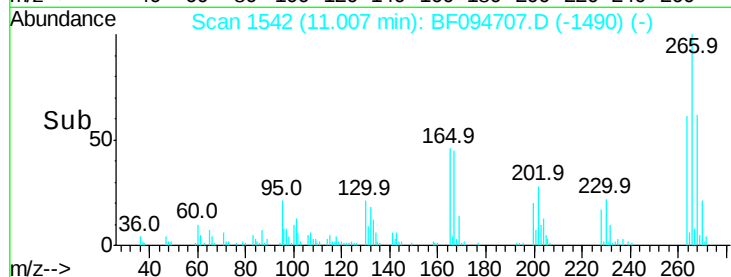
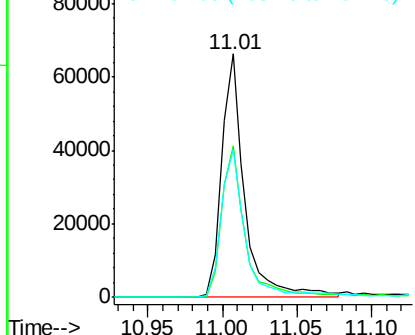
#69
 Pentachlorophenol
 Concen: 47.38 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 71995
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 60.8 51.7 77.5

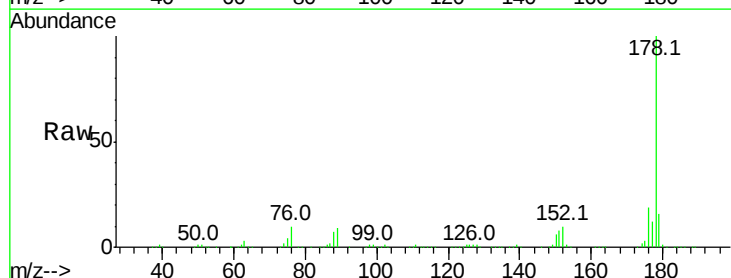


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

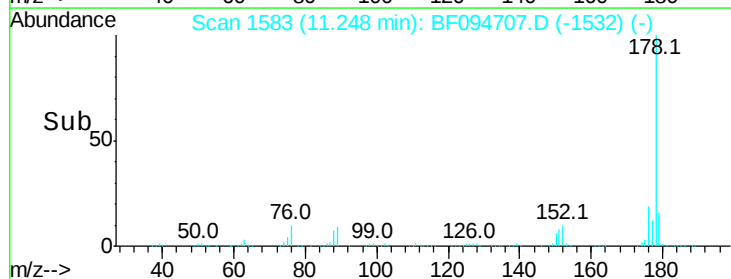
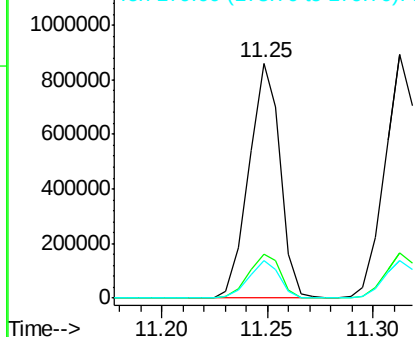


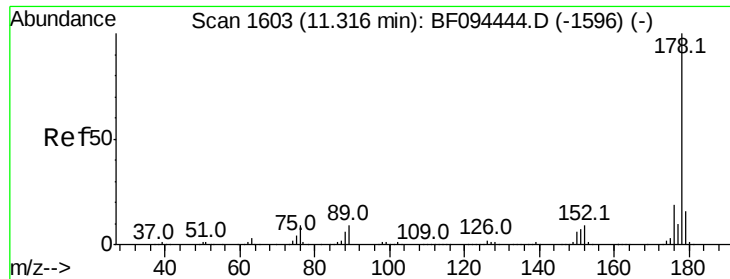
#70
 Phenanthrene
 Concen: 41.07 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:178 Resp: 884314
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.7 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

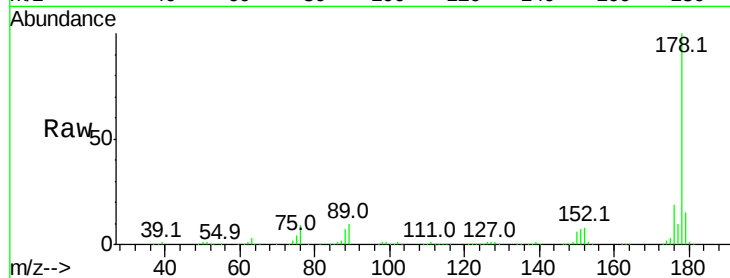




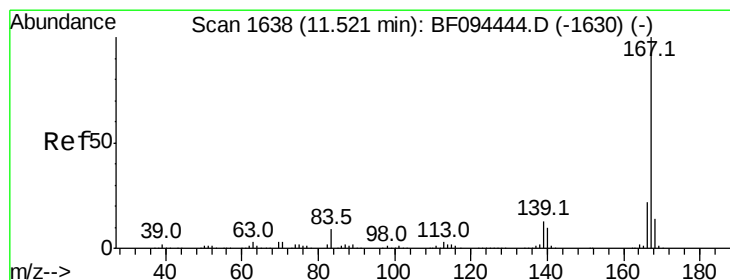
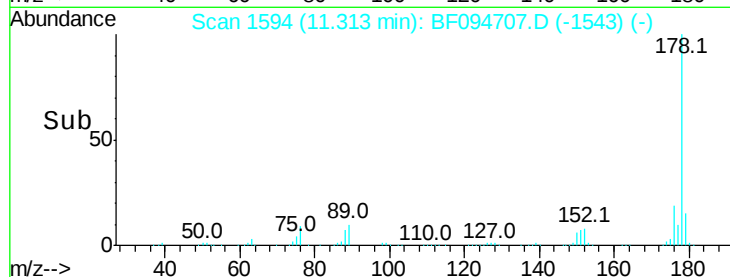
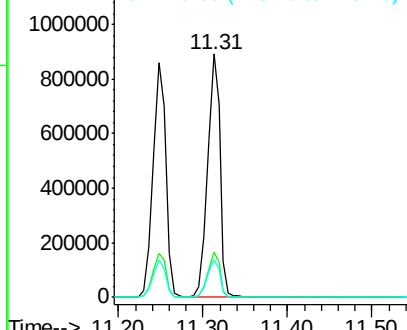
#71
 Anthracene
 Concen: 41.56 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 925654
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.4 12.7 19.1

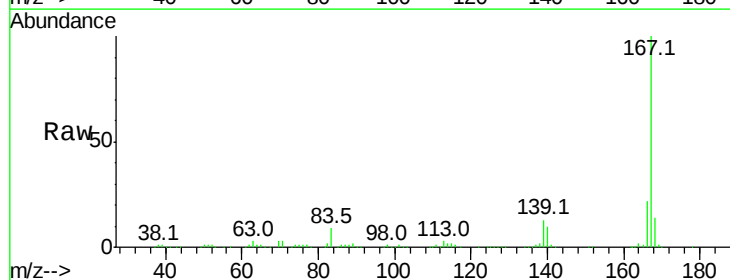


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

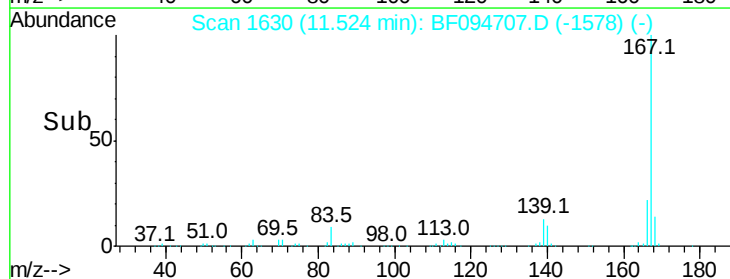
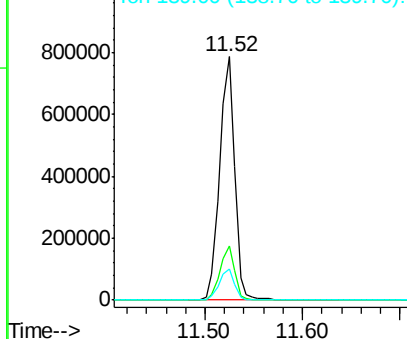


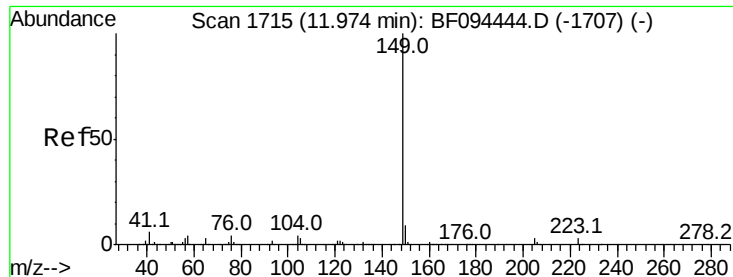
#72
 Carbazole
 Concen: 40.51 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:167 Resp: 846861
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.0 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

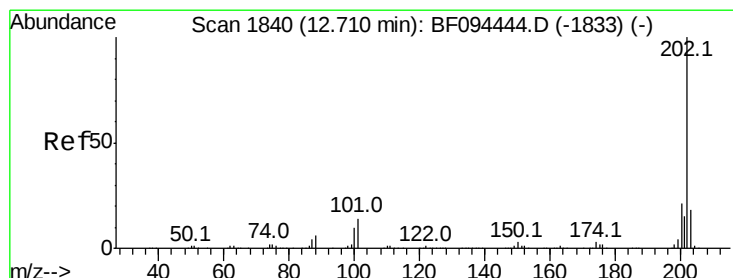
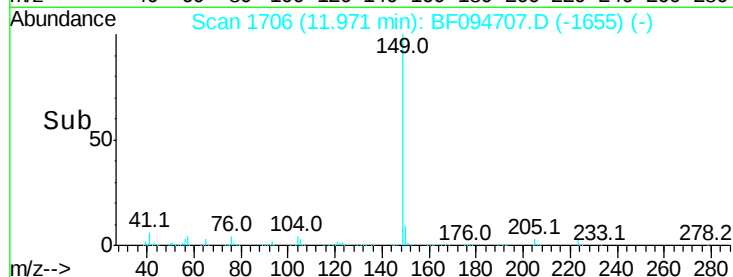
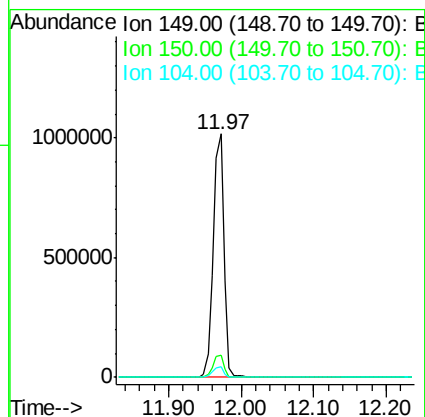
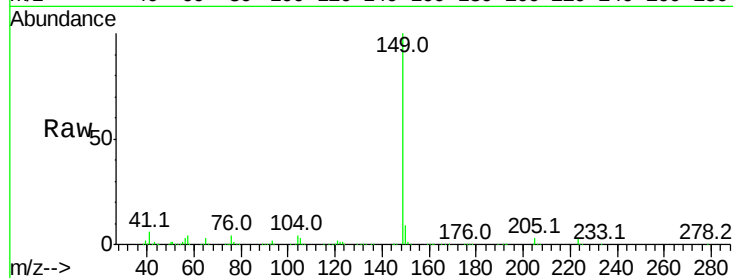




#73
Di-n-butylphthalate
Concen: 45.29 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

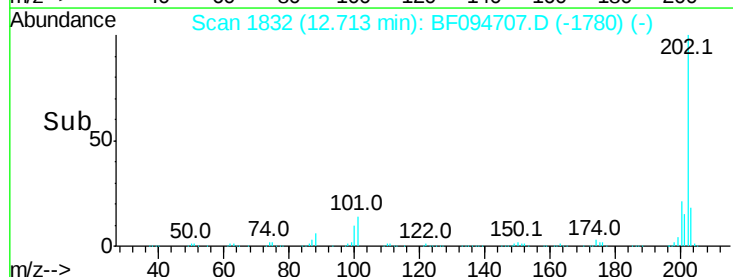
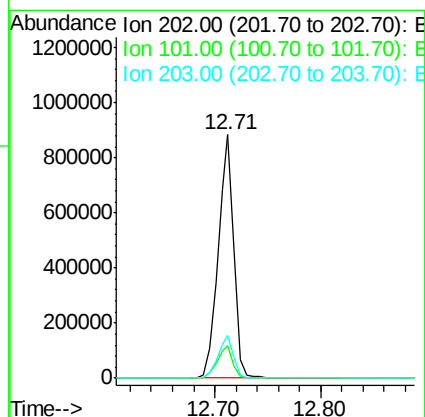
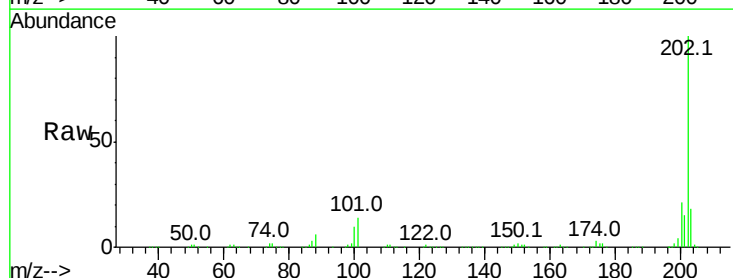
Instrument :
BNA_F
ClientSampled :

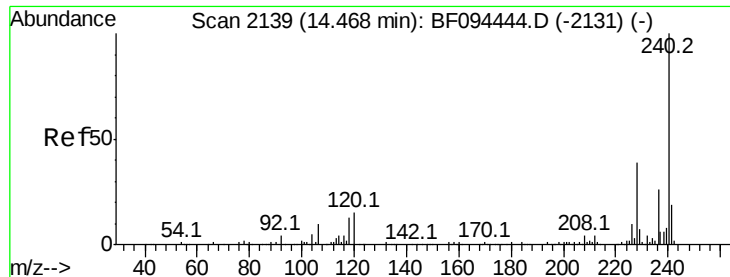
Tot Ion:149 Resp: 1042391
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 41.39 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion:202 Resp: 923691
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.2
203 17.6 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: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

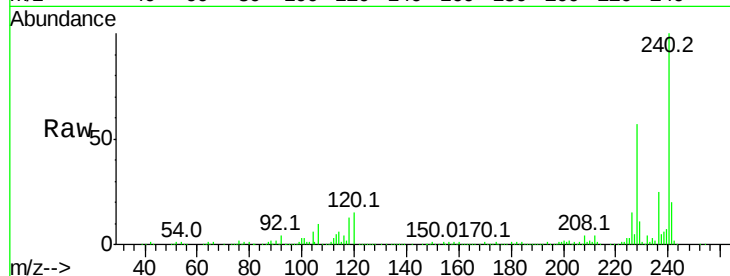
Tot Ion:240 Resp: 319446

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

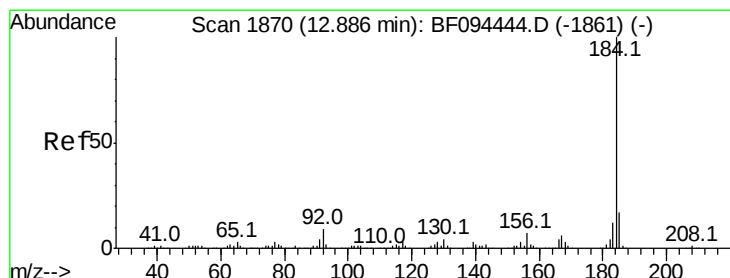
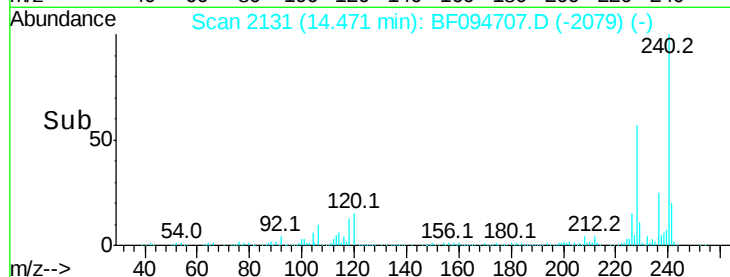
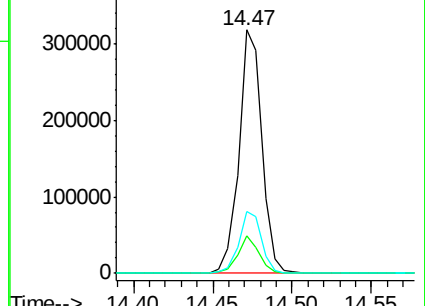
236 25.5 20.5 30.7



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: 32.98 ng

RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

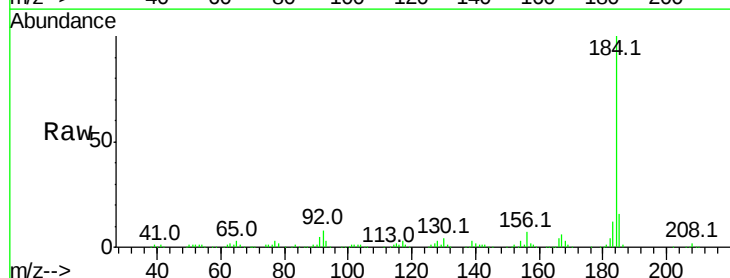
Tgt Ion:184 Resp: 426527

Ion Ratio Lower Upper

184 100

185 15.6 15.5 23.3

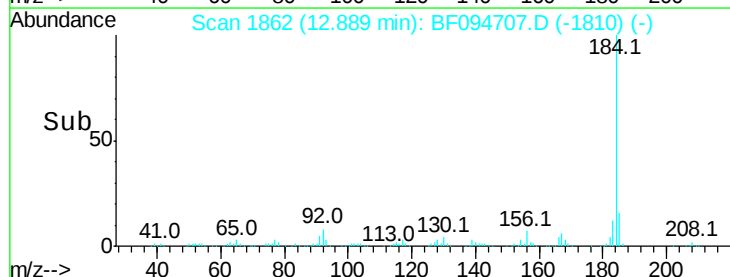
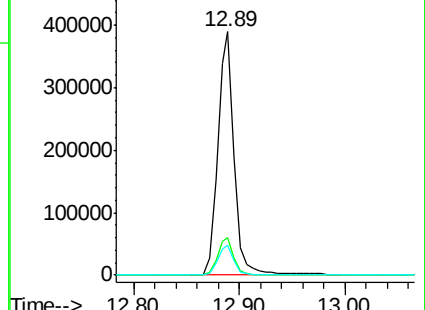
183 12.0 9.8 14.6

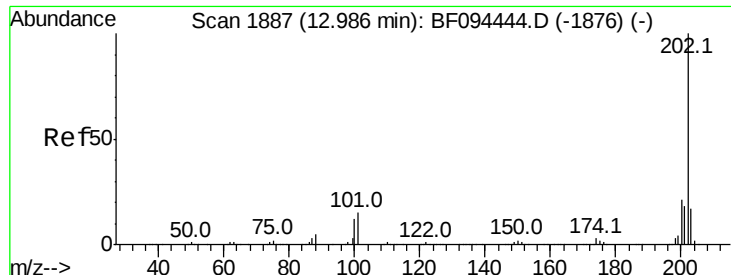


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

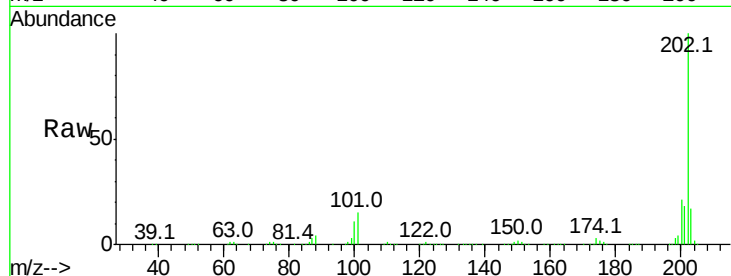




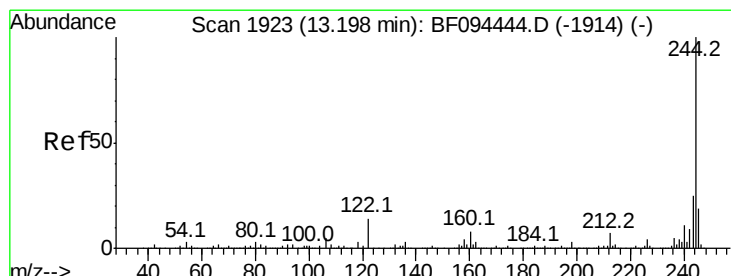
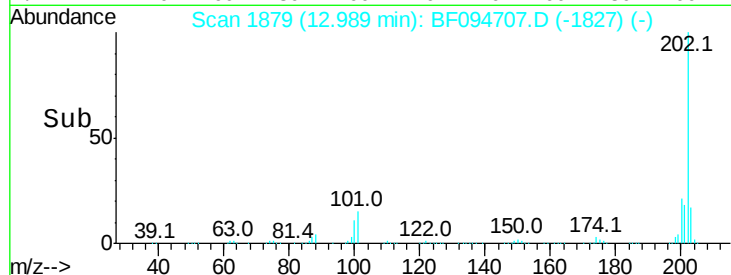
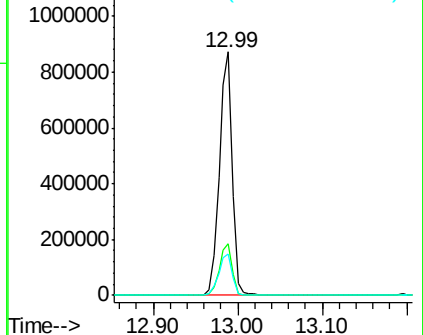
#77
Pvrene
Concen: 41.96 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 936464
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.2 14.4 21.6

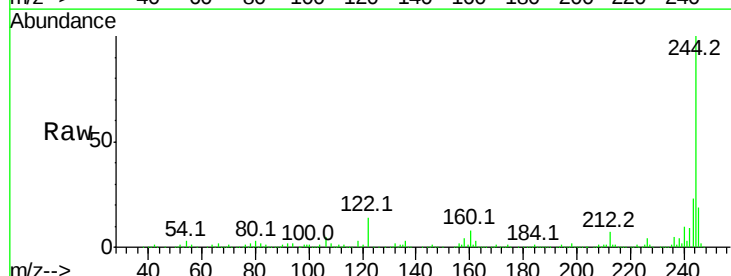


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

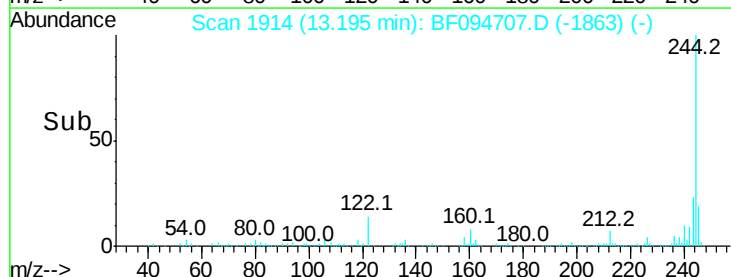
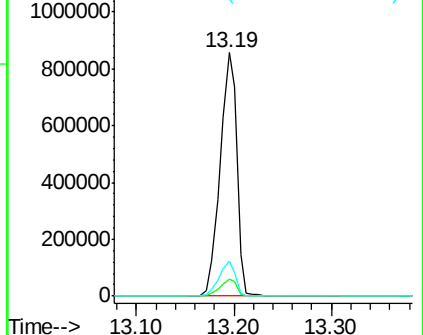


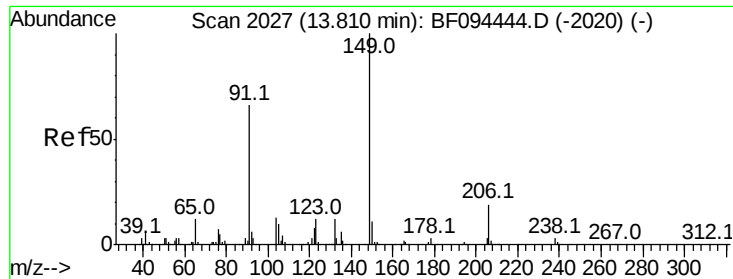
#78
Terphenyl-d14
Concen: 85.45 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion:244 Resp: 1021190
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.3 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

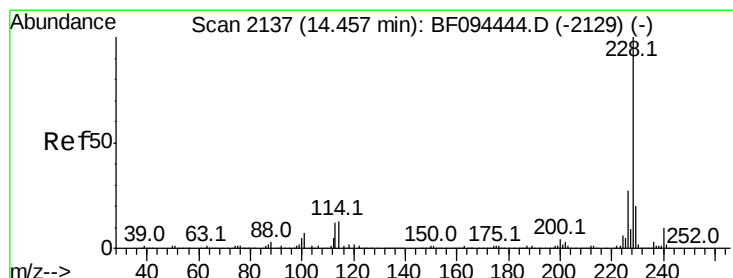
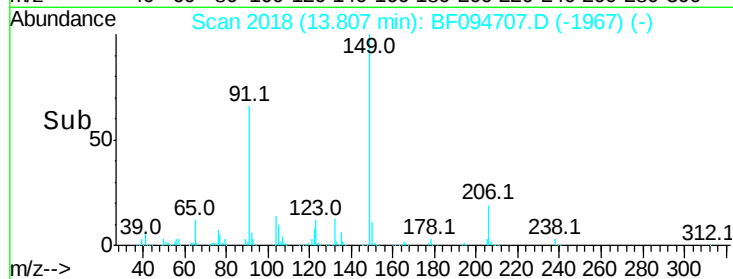
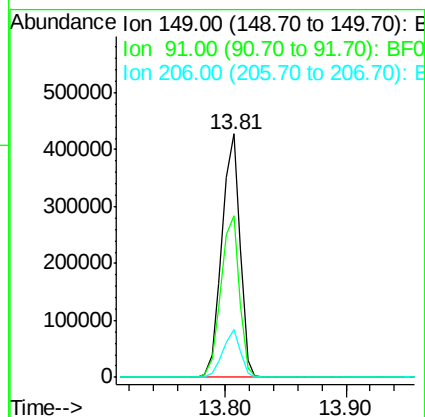
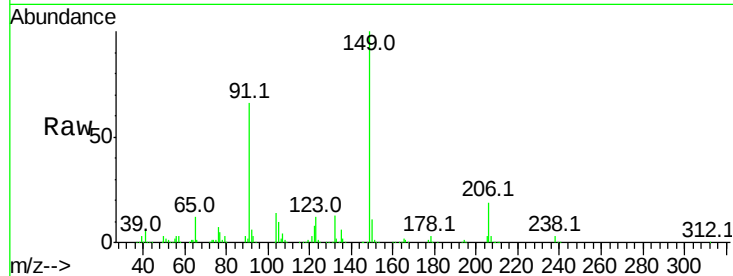




#79
Butylbenzylphthalate
Concen: 45.38 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

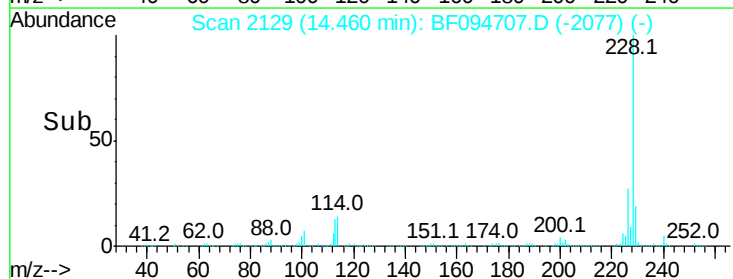
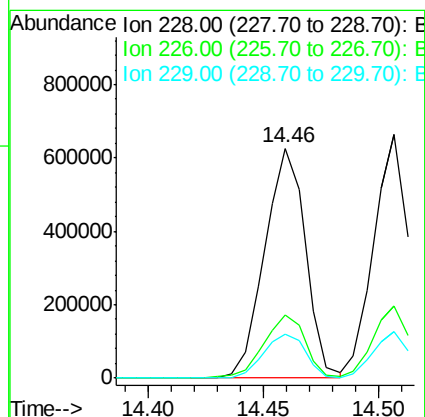
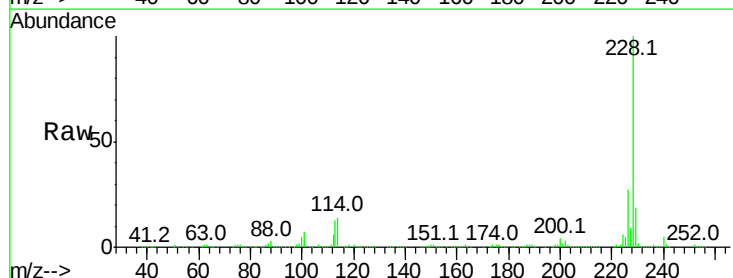
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 443872
Ion Ratio Lower Upper
149 100
91 66.4 45.0 67.4
206 19.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 41.35 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094707.D
Acq: 30 Apr 2017 11:49

Tgt Ion:228 Resp: 767806
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.2 16.3 24.5

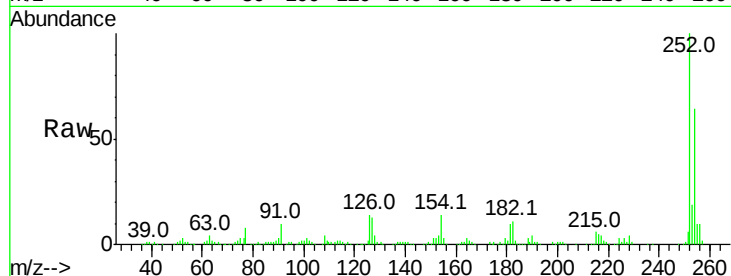




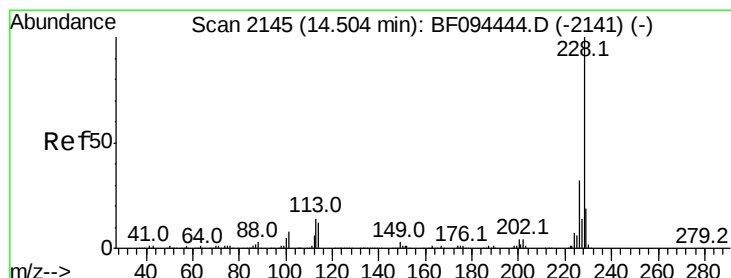
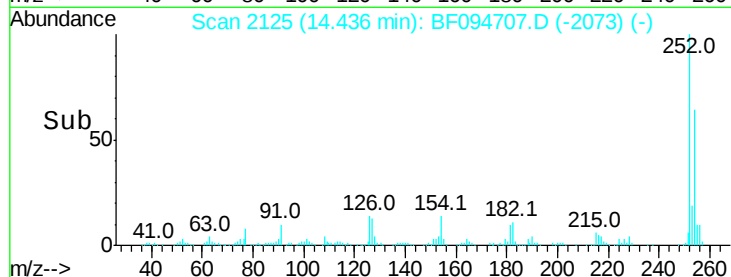
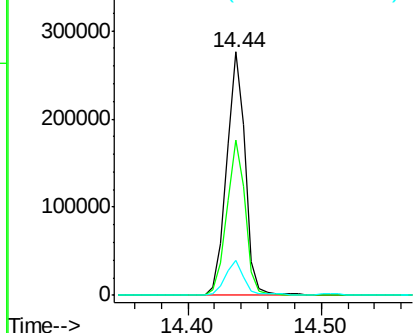
#81
 3,3'-Dichlorobenzidine
 Concen: 41.12 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 270266
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.5 77.3
 126 14.4 15.8 23.8#

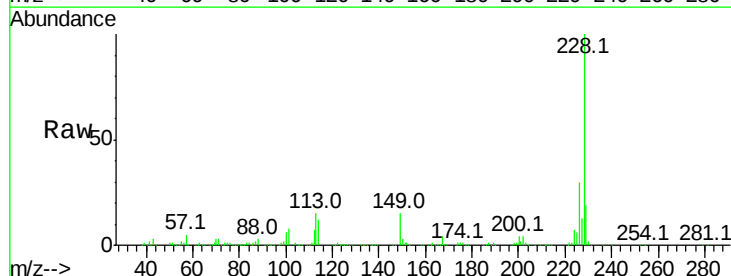


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

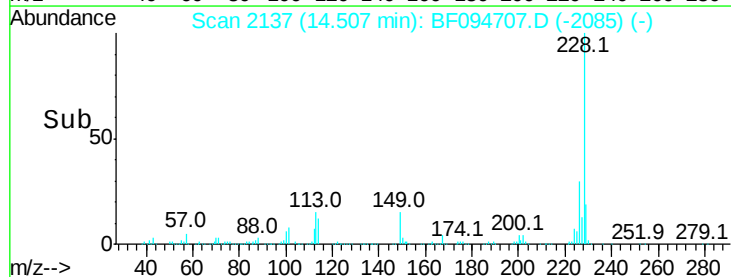
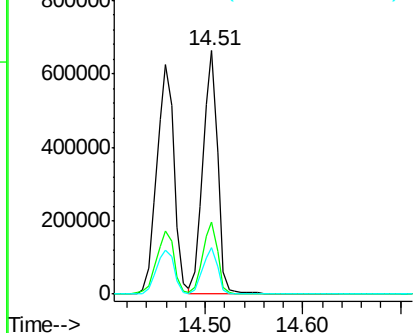


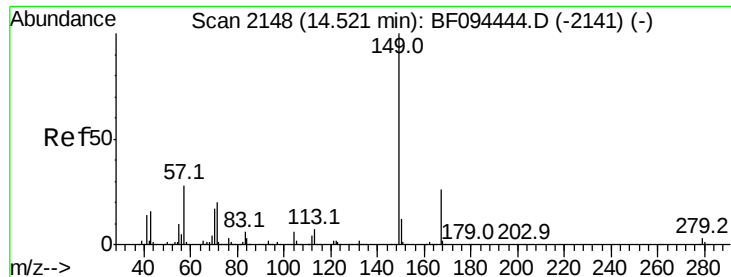
#82
 Chrysene
 Concen: 40.85 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion:228 Resp: 693118
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 19.3 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: 46.34 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

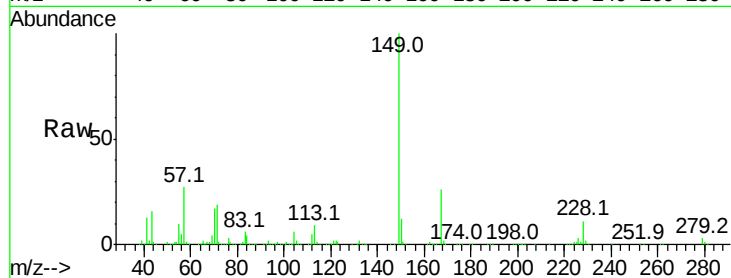
Tot Ion:149 Resp: 608541

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

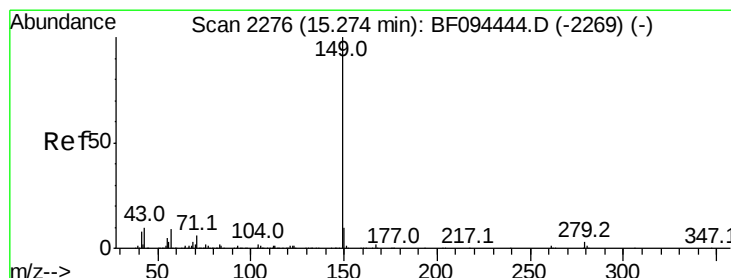
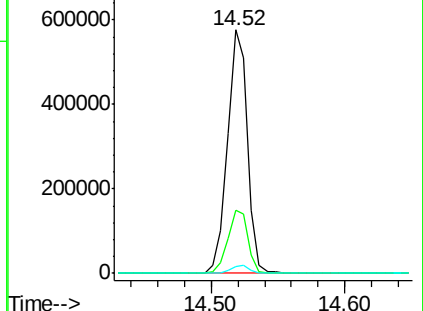
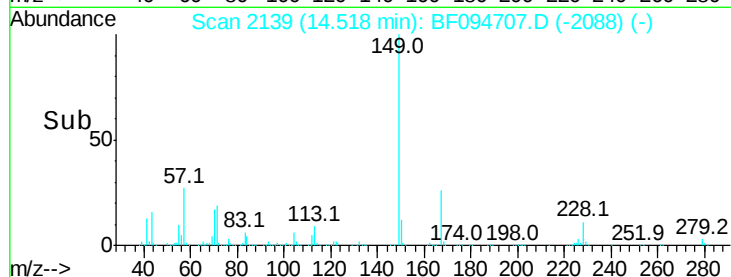
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.63 ng

RT: 15.28 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

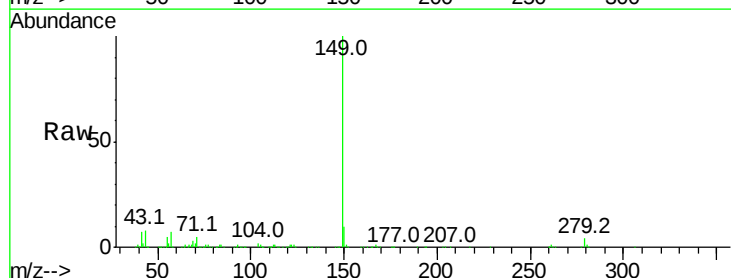
Tgt Ion:149 Resp: 1027294

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

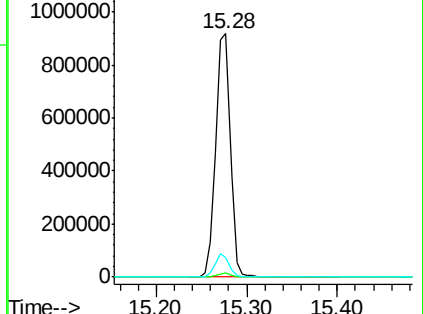
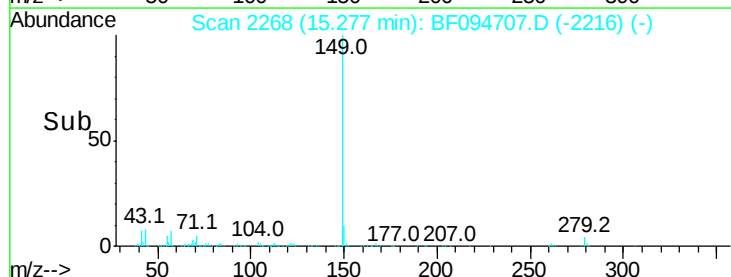
43 9.0 8.5 12.7

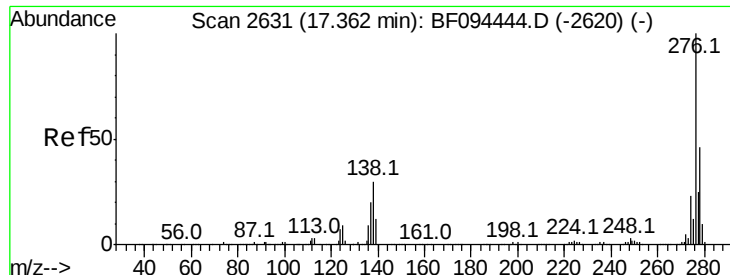


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

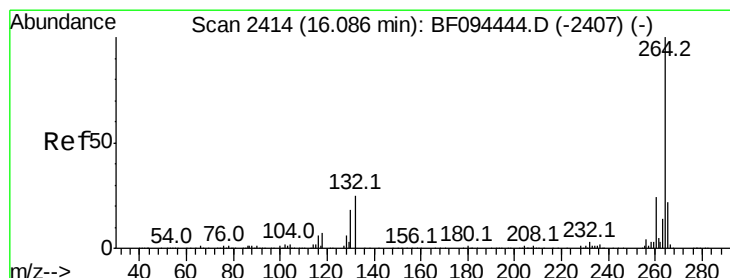
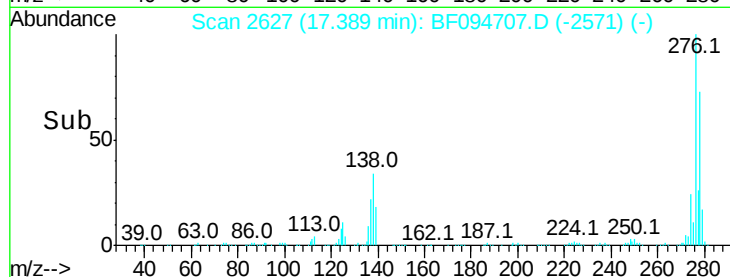
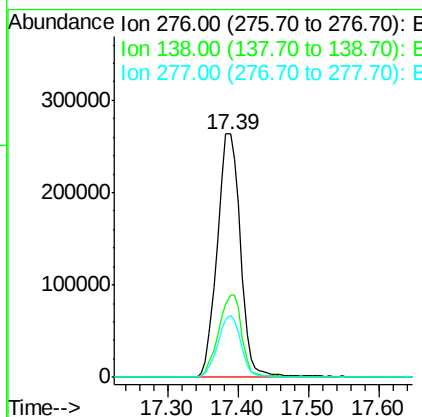
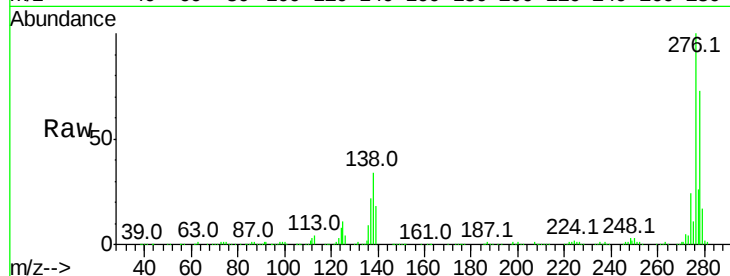




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.53 ng
 RT: 17.39 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

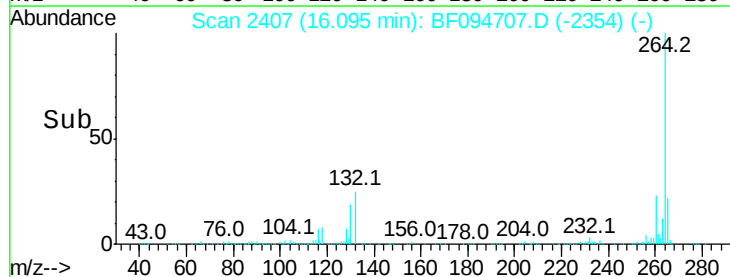
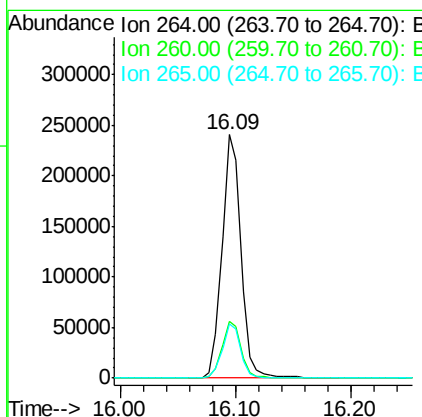
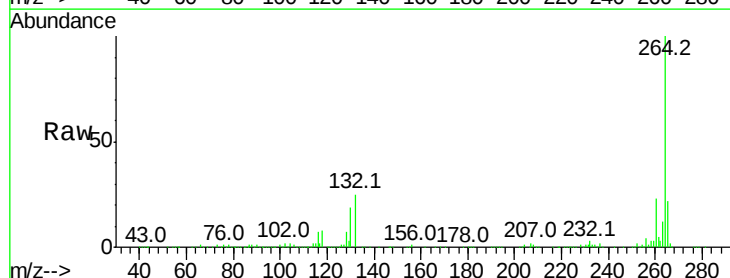
Instrument :
 BNA_F
 ClientSampleId :

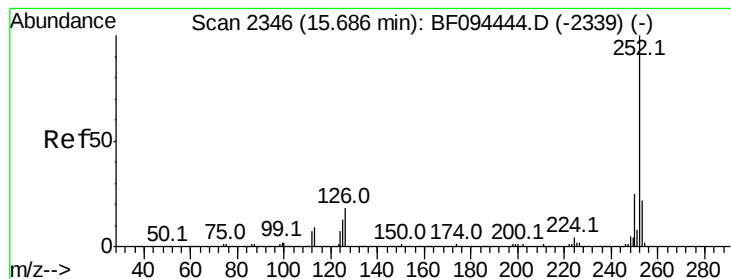
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094707.D
 Acq: 30 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.04 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

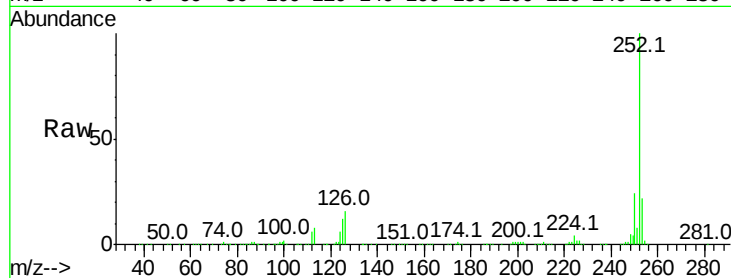
Tot Ion:252 Resp: 706701

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

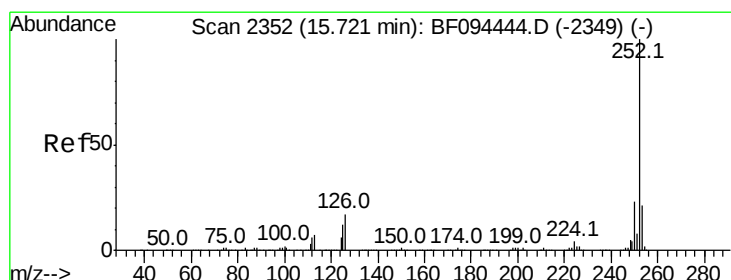
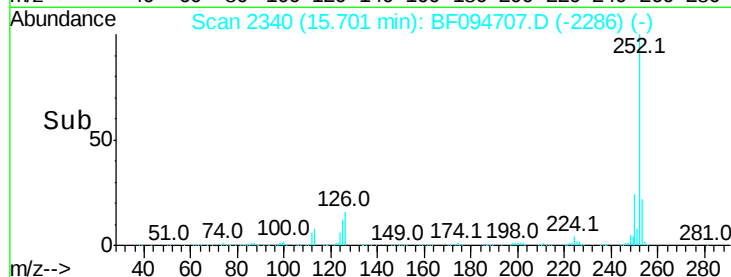
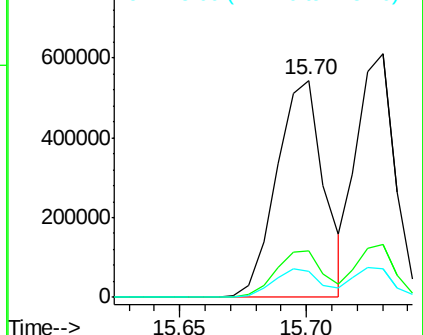
125 11.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.42 ng

RT: 15.73 min Scan# 2345

Delta R.T. 0.01 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

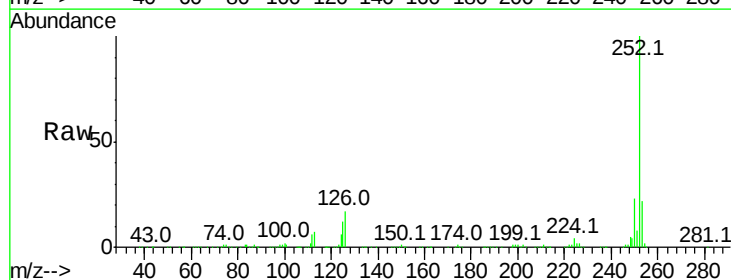
Tgt Ion:252 Resp: 658884

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

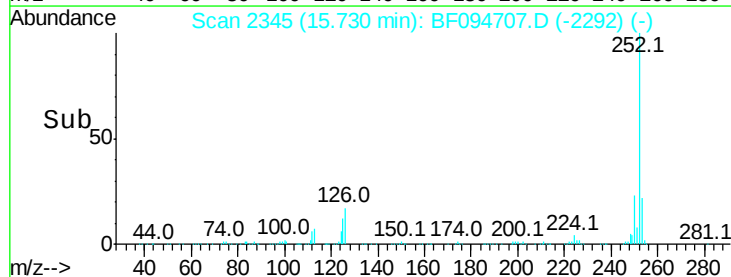
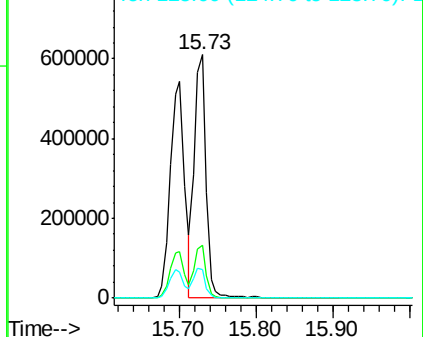
125 12.0 13.1 19.7#

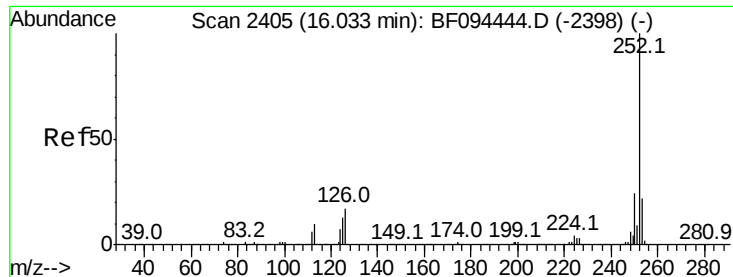


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.40 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

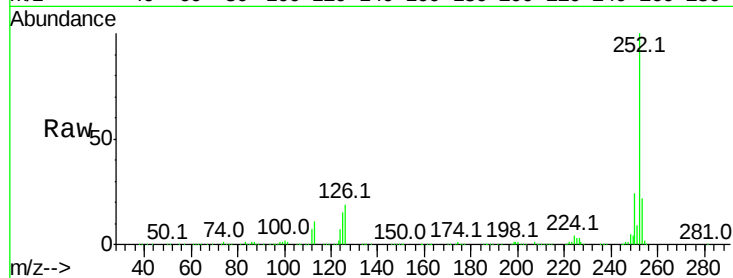
Tot Ion:252 Resp: 647382

Ion Ratio Lower Upper

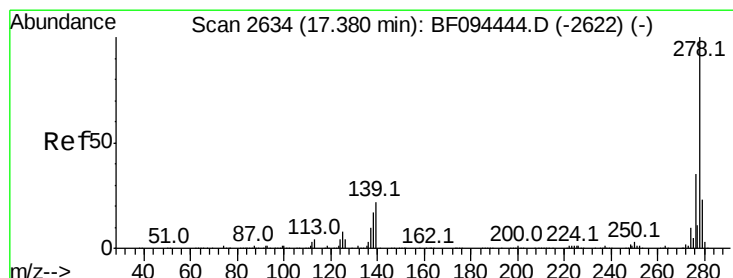
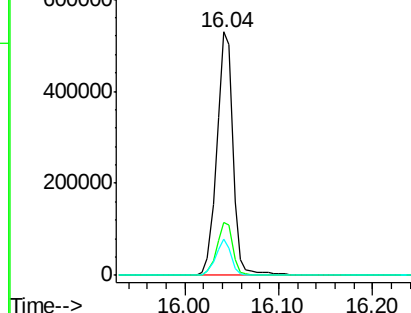
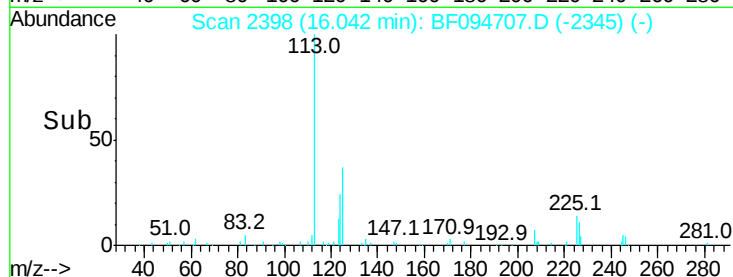
252 100

253 21.8 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: 38.50 ng

RT: 17.40 min Scan# 2629

Delta R.T. 0.02 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

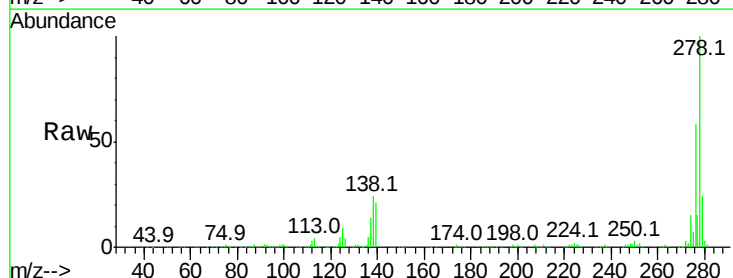
Tgt Ion:278 Resp: 499967

Ion Ratio Lower Upper

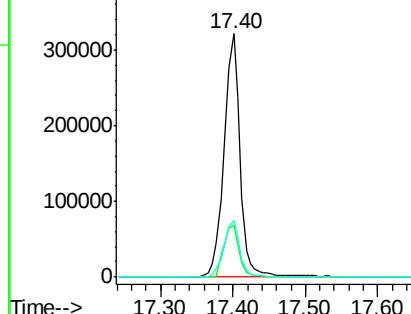
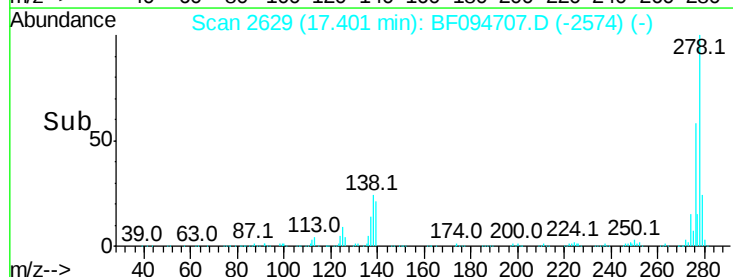
278 100

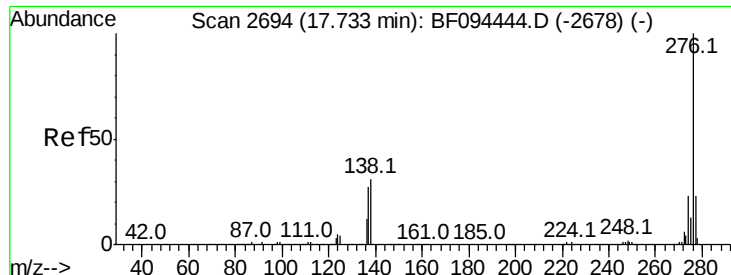
139 21.3 16.6 24.8

279 23.5 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: 35.90 ng

RT: 17.76 min Scan# 2690

Delta R.T. 0.03 min

Lab File: BF094707.D

Acq: 30 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

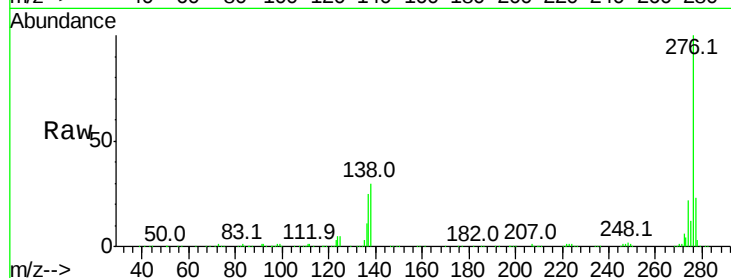
Tot Ion: 276 Resp: 474596

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.8 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

