

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094730.D
 Acq On : 30 Apr 2017 22:19
 Operator : SJ/MA
 Sample : I2902-09MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:23:25 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	116883	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	483693	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	214085	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	367041	20.00	ng	0.00
75) Chrysene-d12	14.48	240	233109	20.00	ng	0.00
86) Perylene-d12	16.10	264	220005	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.33	112	590619	83.83	ng	0.02
7) Phenol-d6	5.40	99	528515	63.63	ng	0.00
23) Nitrobenzene-d5	6.42	82	713672	91.11	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	230455	137.62	ng	0.01
44) 2-Fluorobiphenyl	8.58	172	1338459	91.99	ng	0.00
78) Terphenyl-d14	13.20	244	994563	114.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	69778	17.03	ng	94
3) Pyridine	2.67	79	150789	16.84	ng	97
4) n-Nitrosodimethylamine	2.61	42	86343	23.30	ng	87
6) Aniline	5.40	93	179973	16.31	ng	# 88
8) 2-Chlorophenol	5.54	128	324050	40.42	ng	96
9) Benzaldehyde	5.27	77	92371	14.62	ng	# 89
10) Phenol	5.42	94	216884	21.26	ng	94
11) bis(2-Chloroethyl)ether	5.48	93	334055	44.82	ng	96
12) 1,3-Dichlorobenzene	5.70	146	359006	40.42	ng	99
13) 1,4-Dichlorobenzene	5.79	146	364639	40.81	ng	98
14) 1,2-Dichlorobenzene	5.96	146	341269	41.46	ng	97
15) Benzyl Alcohol	5.95	79	228884	37.15	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	442390	45.27	ng	53
17) 2-Methylphenol	6.10	107	232267	36.79	ng	# 85
18) Hexachloroethane	6.35	117	125380	40.93	ng	88
19) n-Nitroso-di-n-propylamine	6.26	70	272515	49.52	ng	95
20) 3+4-Methylphenols	6.29	107	251740	29.34	ng	# 62
22) Acetophenone	6.24	105	526902	44.80	ng	# 85
24) Nitrobenzene	6.44	77	387424	46.97	ng	95
25) Isophorone	6.73	82	670200	46.15	ng	96
26) 2-Nitrophenol	6.81	139	198381	44.76	ng	97
27) 2,4-Dimethylphenol	6.90	122	207211	28.78	ng	99
28) bis(2-Chloroethoxy)methane	6.99	93	437972	46.63	ng	99
29) 2,4-Dichlorophenol	7.12	162	113234	16.91	ng	97
30) 1,2,4-Trichlorobenzene	7.20	180	305048	44.06	ng	99
31) Naphthalene	7.29	128	1245727	53.57	ng	100
32) Benzoic acid	7.01	122	92611	24.33	ng	# 19
33) 4-Chloroaniline	7.37	127	110343	11.41	ng	# 94
34) Hexachlorobutadiene	7.44	225	153136	44.36	ng	99
35) Caprolactam	7.96	113	1672033	794.78	ng	89
36) 4-Chloro-3-methylphenol	8.08	107	288380	41.09	ng	90
37) 2-Methylnaphthalene	8.13	142	934841	58.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	287219	47.11	ng	99
40) Hexachlorocyclopentadiene	8.32	237	199026	80.70	ng	98

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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

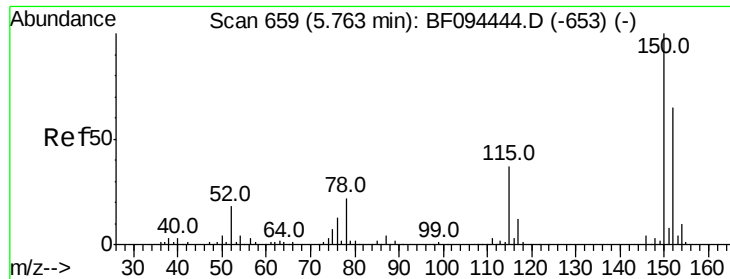
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:23:25 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	8.54	196	201923	47.17	nq	98
43) 2,4,5-Trichlorophenol	8.54	196	201923	45.93	nq	# 94
45) 1,1'-Biphenyl	8.71	154	840030	48.03	nq	98
46) 2-Chloronaphthalene	8.72	162	672329	48.34	nq	95
47) 2-Nitroaniline	8.89	65	186893	46.71	nq	# 85
48) Acenaphthylene	9.23	152	1269221	58.54	nq	99
49) Dimethylphthalate	9.10	163	860307	53.92	nq	100
50) 2,6-Dinitrotoluene	9.18	165	185676	51.85	nq	# 90
51) Acenaphthene	9.44	154	739930	56.98	nq	99
52) 3-Nitroaniline	9.39	138	113316	27.35	nq	94
53) 2,4-Dinitrophenol	9.54	184	129378	67.55	nq	# 75
54) Dibenzofuran	9.65	168	948235	50.24	nq	97
55) 4-Nitrophenol	9.65	139	460843	157.44	nq	# 32
56) 2,4-Dinitrotoluene	9.68	165	240299	54.69	nq	# 94
57) Fluorene	10.08	166	774456	52.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.78	232	137633	43.68	nq	88
59) Diethylphthalate	9.97	149	764935	50.81	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	294779	48.19	nq	92
61) 4-Nitroaniline	10.14	138	113229	26.88	nq	98
62) Azobenzene	10.28	77	712557	48.75	nq	95
64) 4,6-Dinitro-2-methylphenol	10.18	198	90548	37.65	nq	# 74
65) n-Nitrosodiphenylamine	10.24	169	628769	49.26	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	189793	52.08	nq	97
67) Hexachlorobenzene	10.75	284	188435	51.30	nq	# 83
68) Atrazine	10.92	200	181205	47.45	nq	96
69) Pentachlorophenol	11.02	266	168668	115.65	nq	99
70) Phenanthrene	11.26	178	1540471	74.53	nq	99
71) Anthracene	11.32	178	1121943	52.48	nq	99
72) Carbazole	11.53	167	876202	43.66	nq	99
73) Di-n-butylphthalate	11.97	149	1130555	51.17	nq	100
74) Fluoranthene	12.72	202	1040775	48.59	nq	99
77) Pyrene	12.99	202	1073370	65.91	nq	98
79) Butylbenzylphthalate	13.81	149	400839	56.16	nq	# 84
80) Benzo(a)anthracene	14.47	228	713417	52.65	nq	100
81) 3,3'-Dichlorobenzidine	14.44	252	46307	9.65	nq	# 92
82) Chrysene	14.51	228	647472	52.29	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	602587	62.88	nq	# 99
84) Di-n-octyl phthalate	15.28	149	910745	56.66	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	682705	57.95	nq	98
87) Benzo(b)fluoranthene	15.70	252	640673	47.60	nq	97
88) Benzo(k)fluoranthene	15.73	252	610256	47.92	nq	# 96
89) Benzo(a)pyrene	16.05	252	616227	49.22	nq	100
90) Dibenzo(a,h)anthracene	17.41	278	554717	53.36	nq	99
91) Benzo(g,h,i)perylene	17.77	276	580710	54.86	nq	96

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

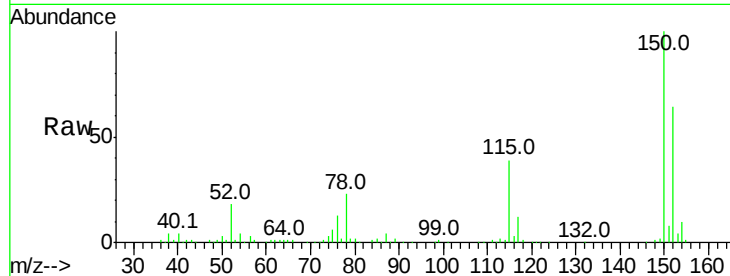


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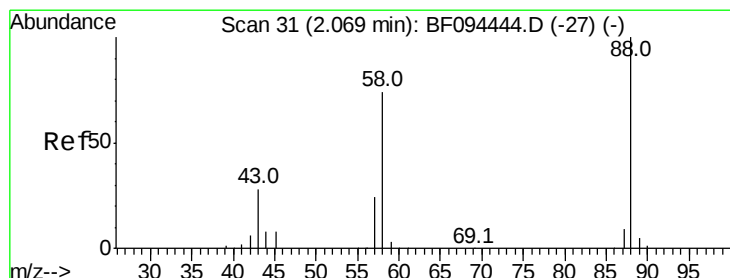
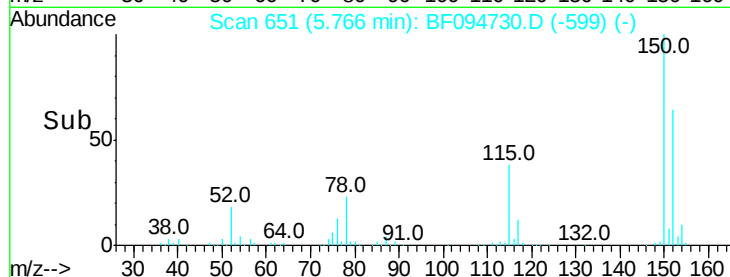
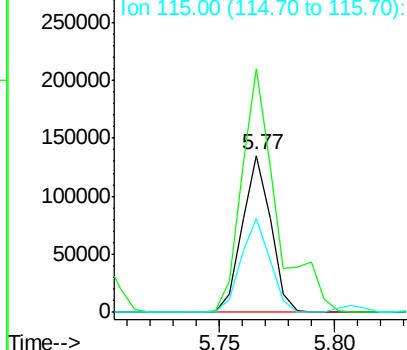
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116883
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 59.9 52.2 78.2



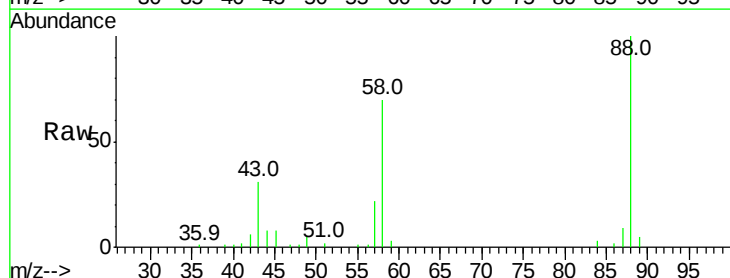
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



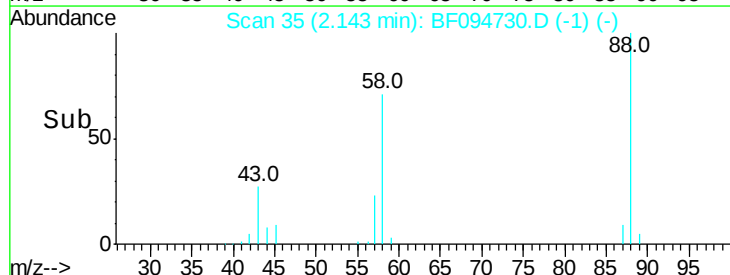
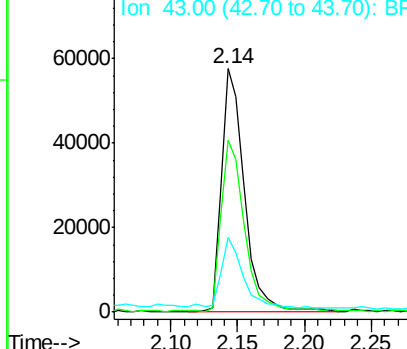
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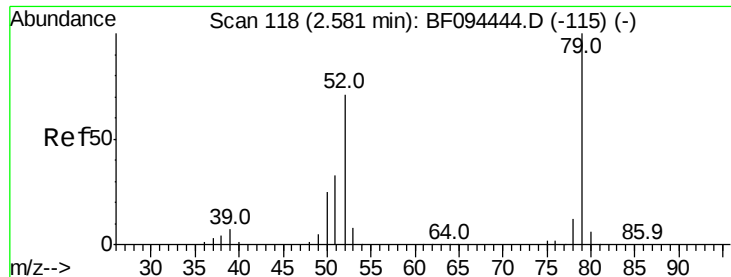
1,4-Dioxane
Concen: 17.03 ng
RT: 2.14 min Scan# 35
Delta R.T. 0.07 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion: 88 Resp: 69778
Ion Ratio Lower Upper
88 100
58 70.4 61.4 92.0
43 28.7 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

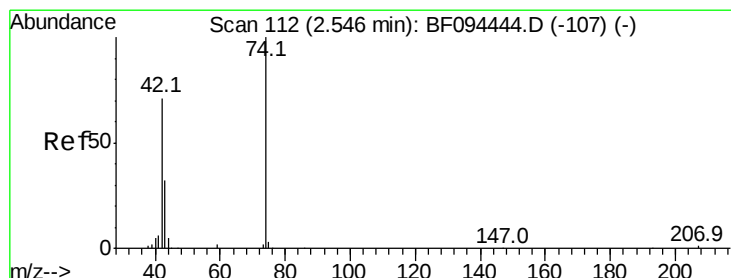
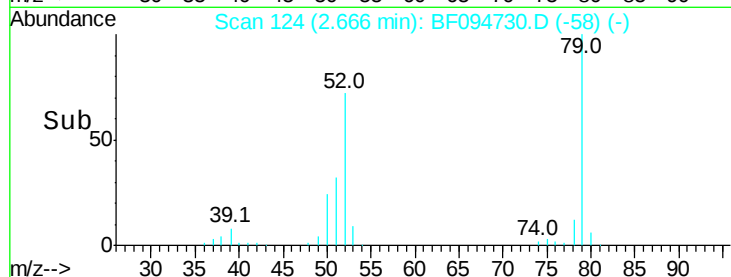
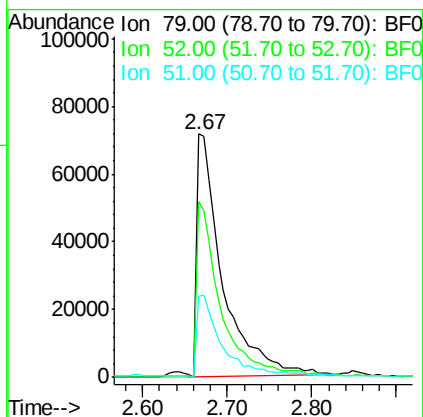
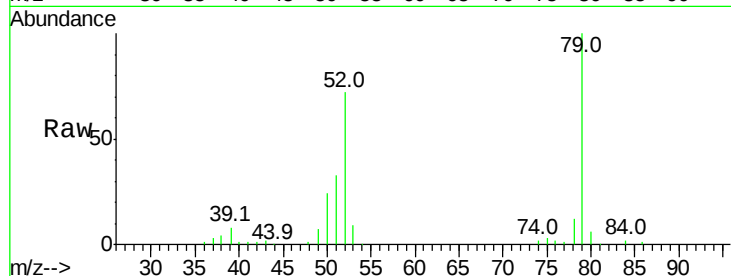




#3
 Pvridine
 Concen: 16.84 ng
 RT: 2.67 min Scan# 124
 Delta R.T. 0.09 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

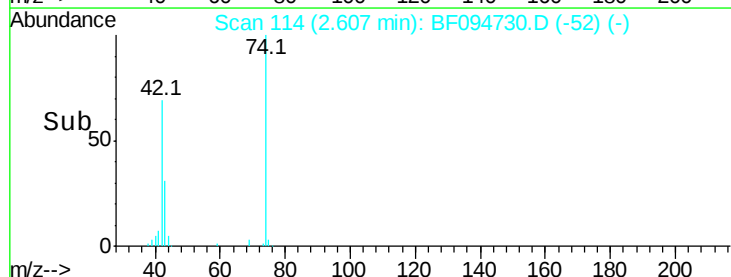
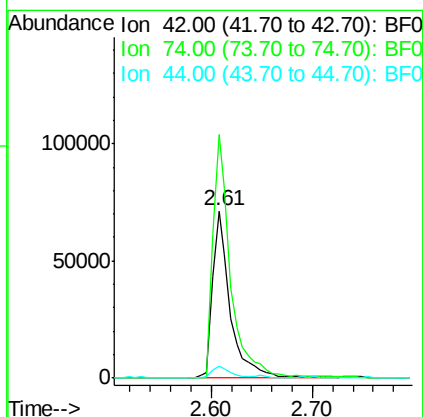
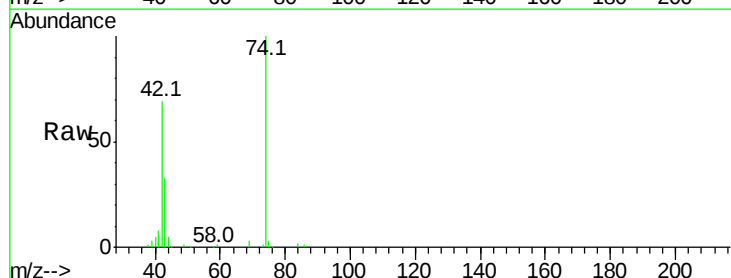
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 150789
 Ion Ratio Lower Upper
 79 100
 52 72.3 54.8 82.2
 51 33.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 23.30 ng
 RT: 2.61 min Scan# 114
 Delta R.T. 0.06 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion: 42 Resp: 86343
 Ion Ratio Lower Upper
 42 100
 74 145.9 103.9 155.9
 44 7.3 5.7 8.5

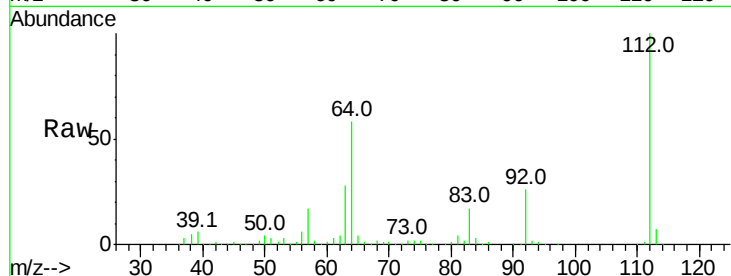




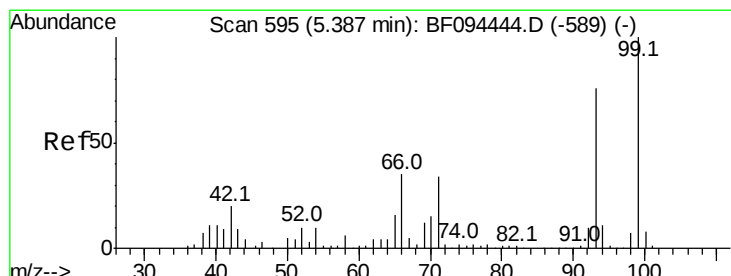
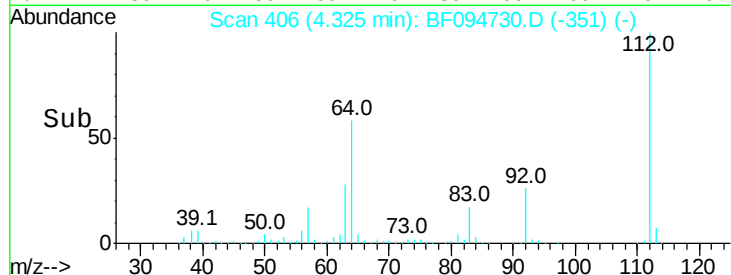
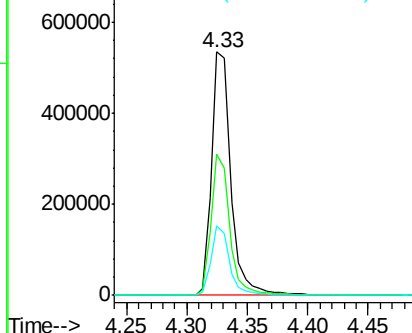
#5
 2-Fluorophenol
 Concen: 83.83 ng
 RT: 4.33 min Scan# 406
 Delta R.T. 0.02 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 590619
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.0 69.0
 63 28.4 23.4 35.0

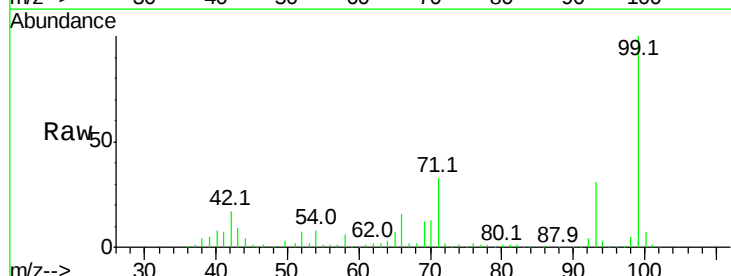


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

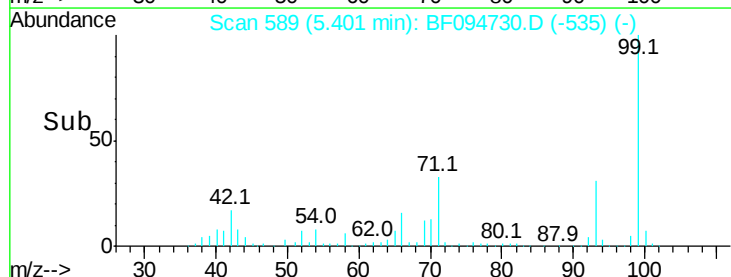
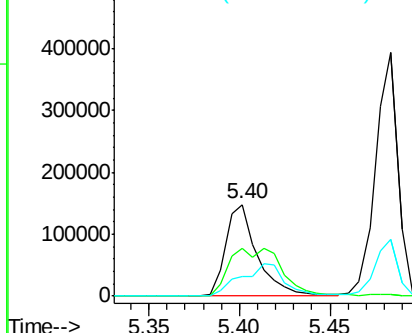


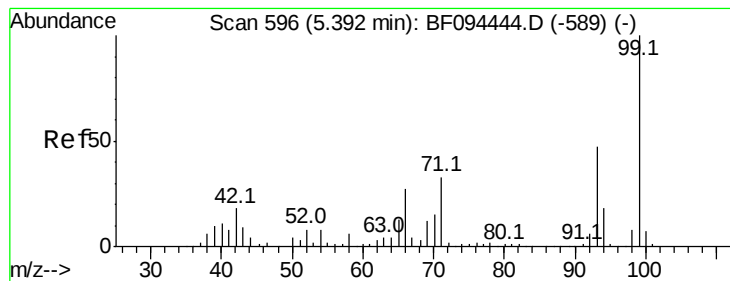
#6
 Aniline
 Concen: 16.31 ng
 RT: 5.40 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion: 93 Resp: 179973
 Ion Ratio Lower Upper
 93 100
 66 52.0 32.9 49.3#
 65 20.9 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 63.63 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

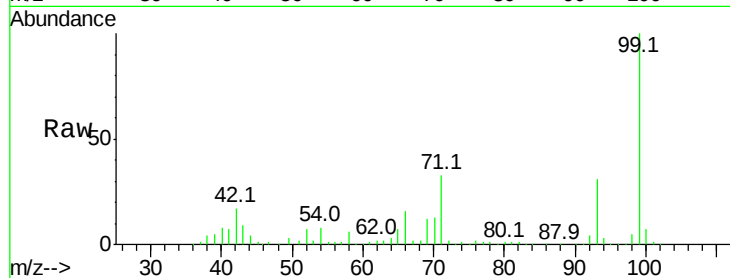
Tot Ion: 99 Resp: 528515

Ion Ratio Lower Upper

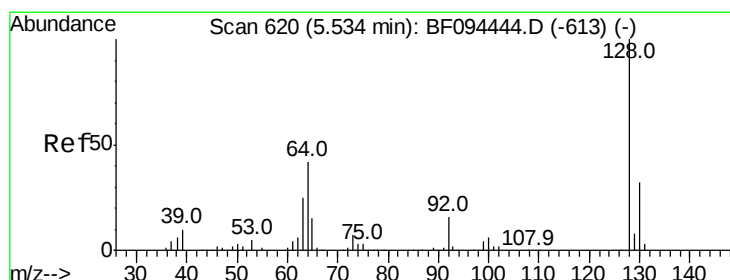
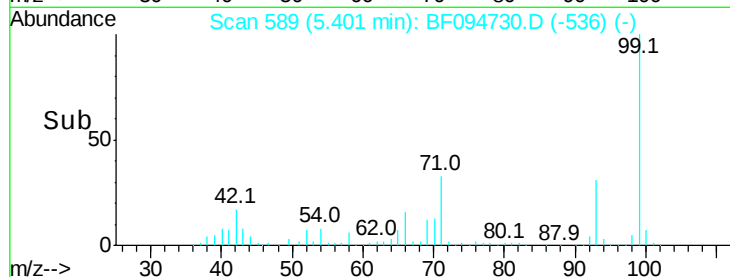
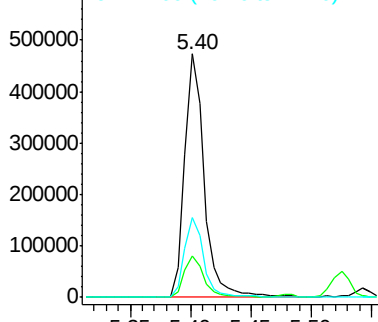
99 100

42 17.1 13.5 20.3

71 32.9 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: 40.42 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

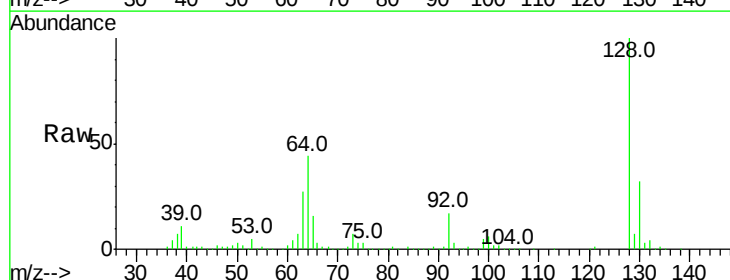
Tgt Ion: 128 Resp: 324050

Ion Ratio Lower Upper

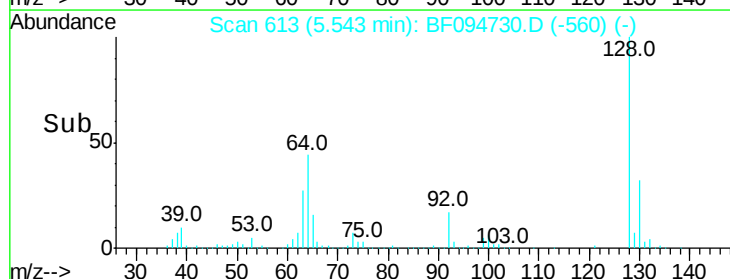
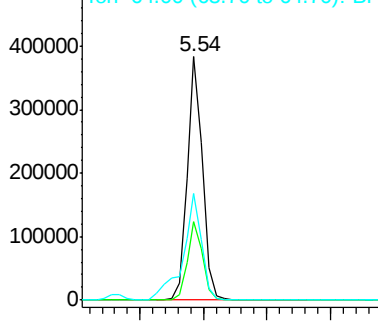
128 100

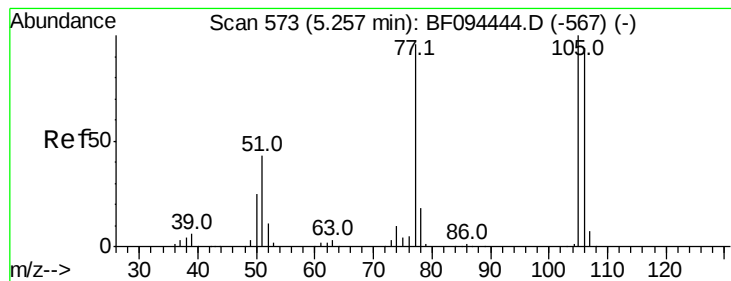
130 32.4 12.9 52.9

64 43.8 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: 14.62 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampled :

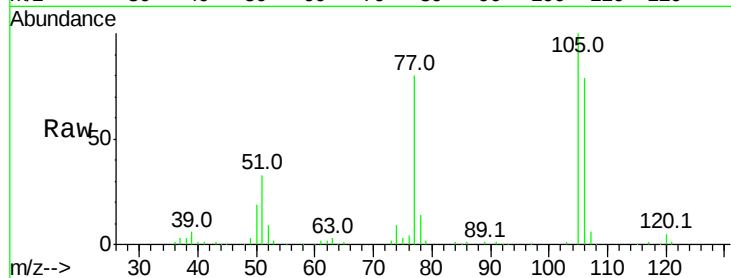
Tot Ion: 77 Resp: 92371

Ion Ratio Lower Upper

77 100

105 124.4 83.8 123.8#

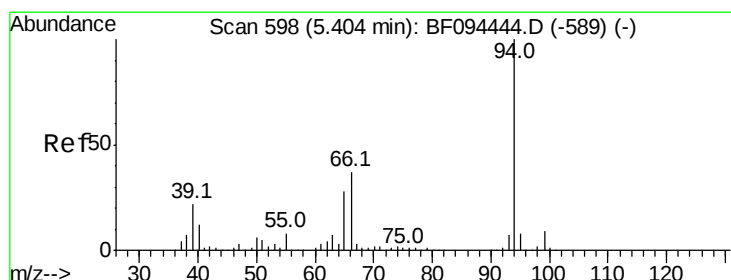
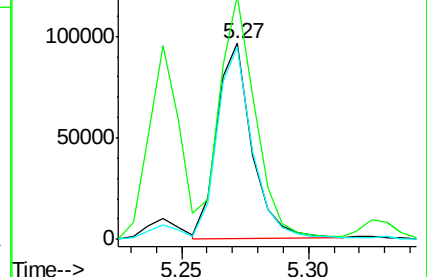
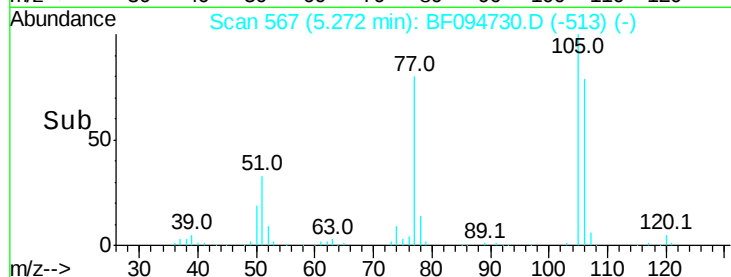
106 98.1 79.1 119.1



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: 21.26 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

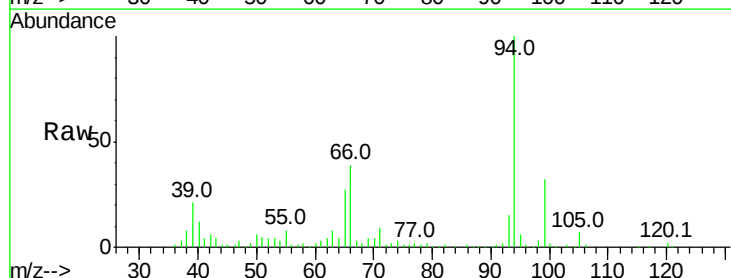
Tgt Ion: 94 Resp: 216884

Ion Ratio Lower Upper

94 100

65 27.4 9.9 49.9

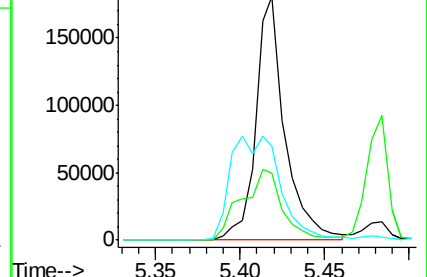
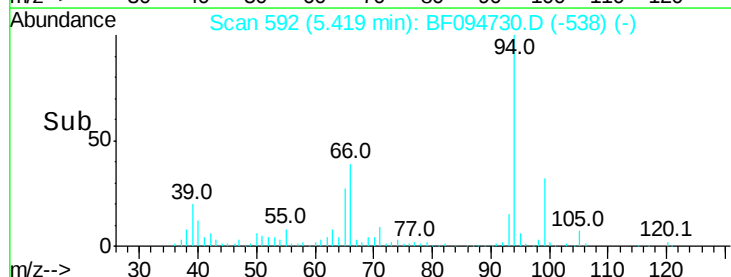
66 38.6 23.1 63.1

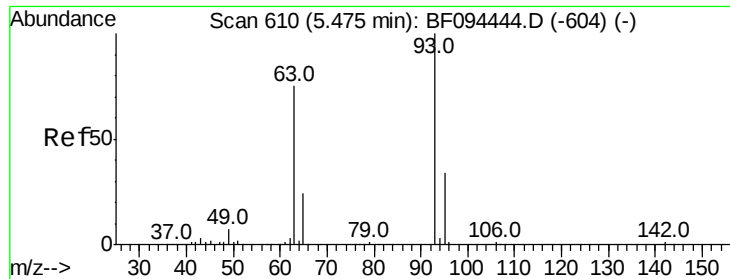


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.82 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampled :

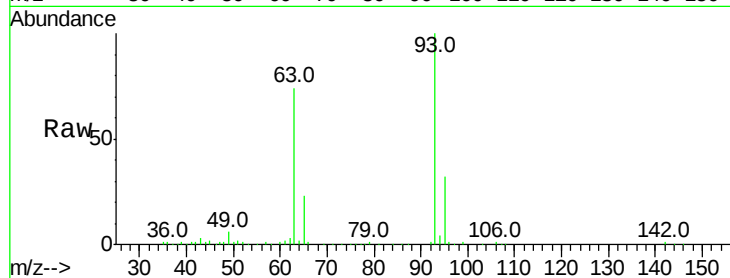
Tot Ion: 93 Resp: 334055

Ion Ratio Lower Upper

93 100

63 74.0 59.2 99.2

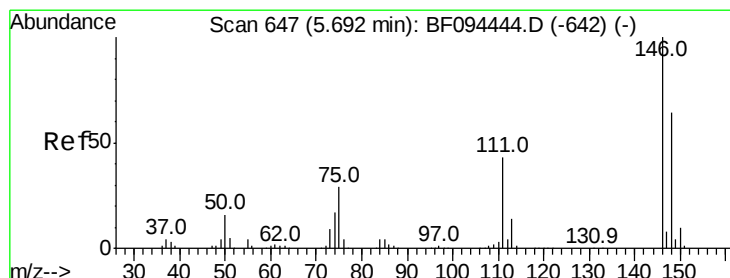
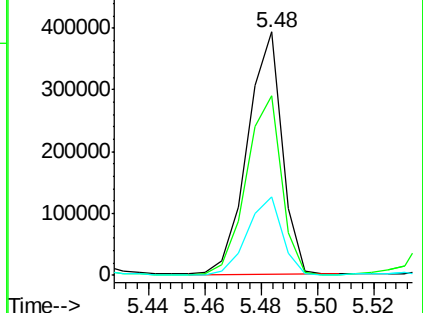
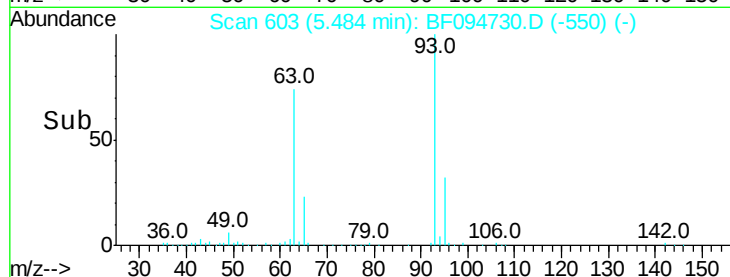
95 32.4 12.8 52.8



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: 40.42 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

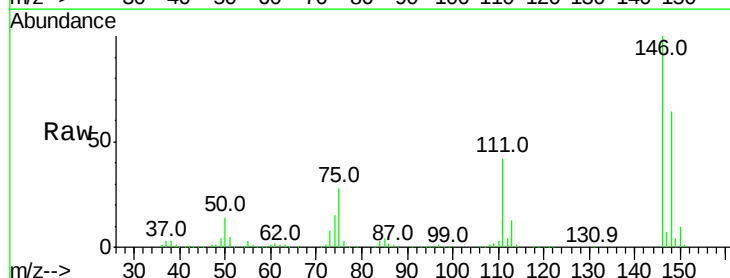
Tgt Ion: 146 Resp: 359006

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

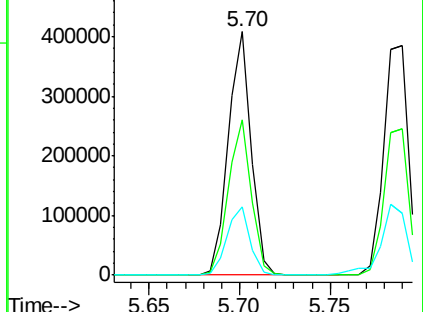
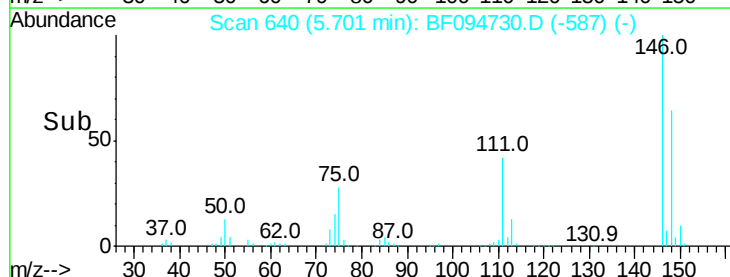
75 28.0 23.1 34.7

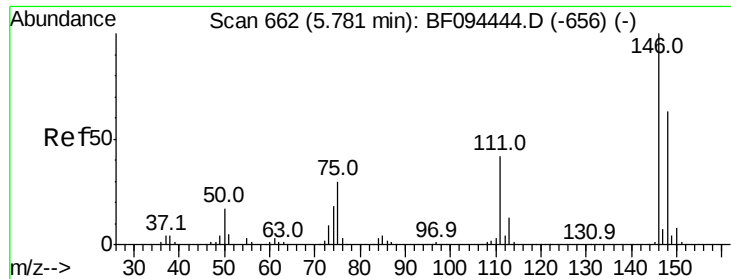


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

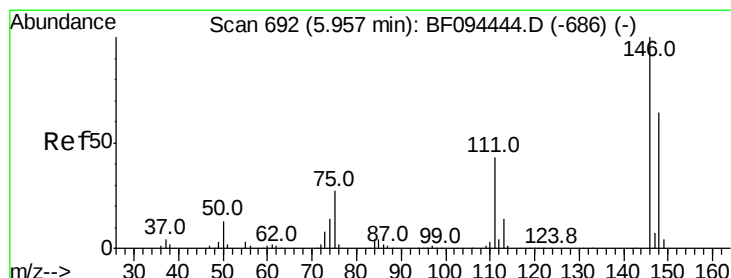
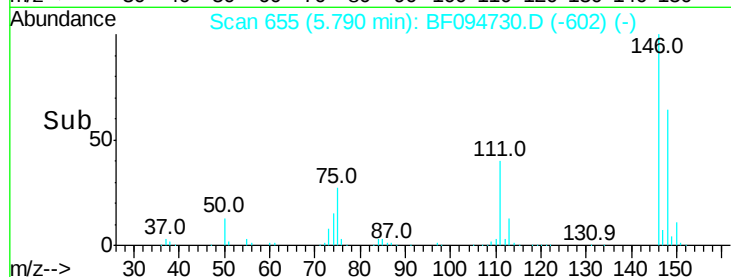
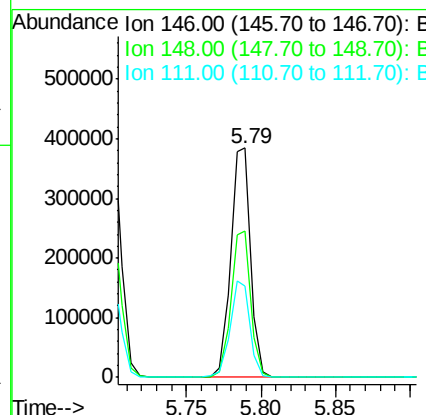
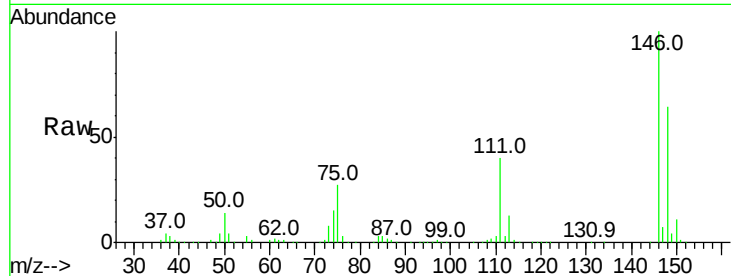




#13
 1,4-Dichlorobenzene
 Concen: 40.81 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

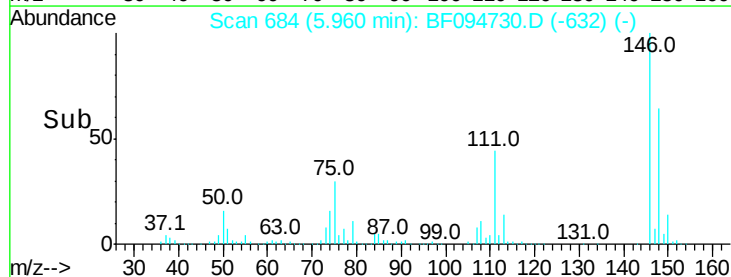
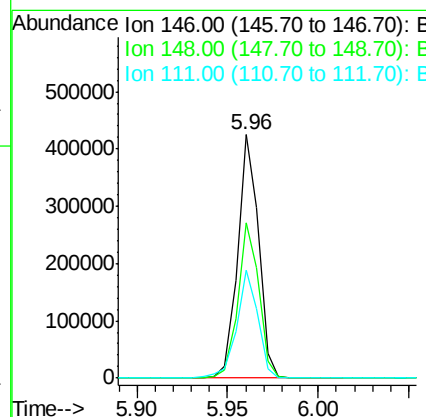
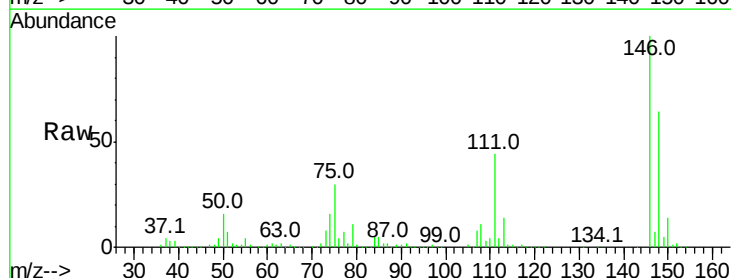
Instrument :
 BNA_F
 ClientSampleId :

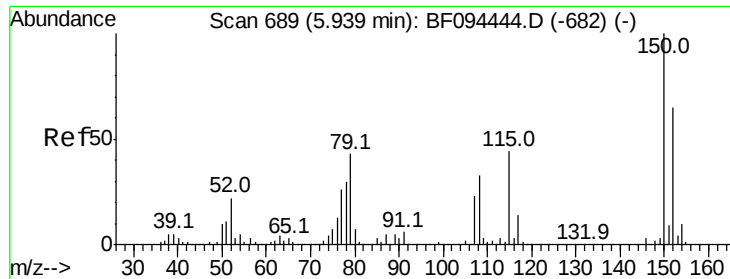
Tot Ion:146 Resp: 364639
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 40.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.46 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion:146 Resp: 341269
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 44.2 38.2 57.4

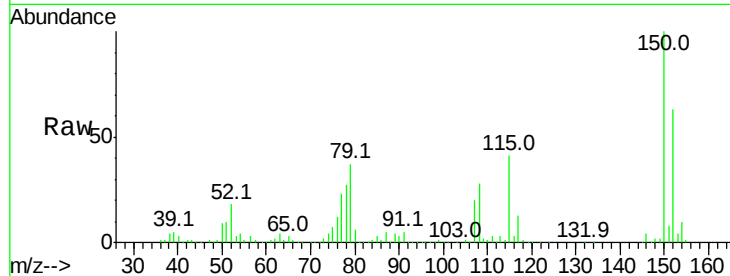




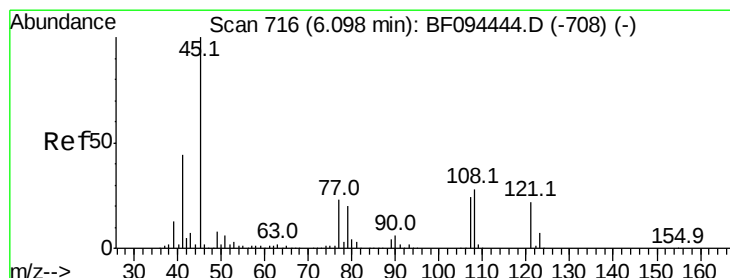
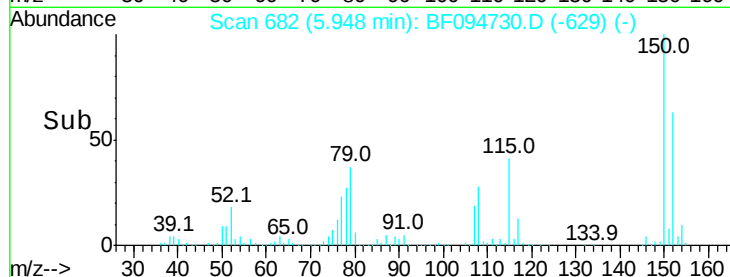
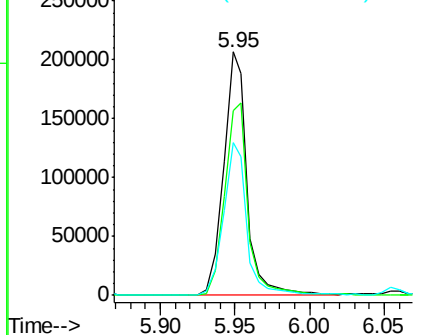
#15
Benzyl Alcohol
Concen: 37.15 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 228884
Ion Ratio Lower Upper
79 100
108 75.9 63.4 95.0
77 62.5 49.2 73.8

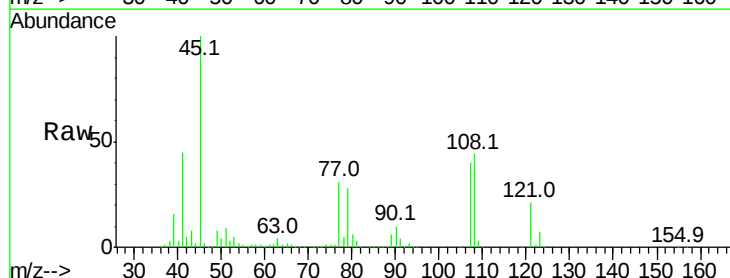


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

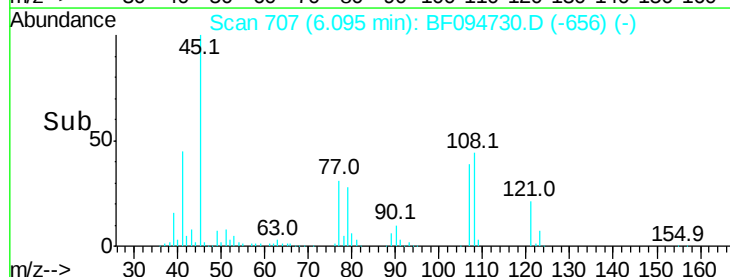
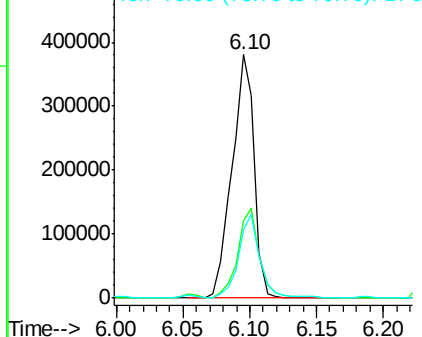


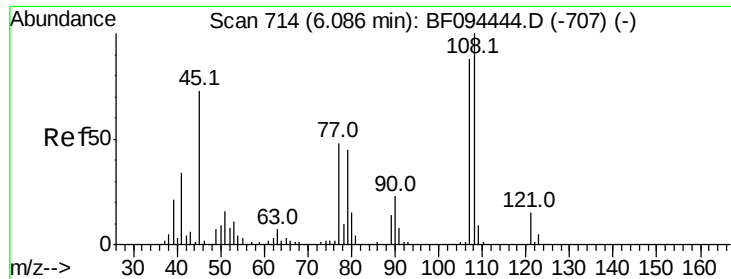
#16
2,2'-oxybis(1-chloropropane)
Concen: 45.27 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion: 45 Resp: 442390
Ion Ratio Lower Upper
45 100
77 31.5 0.0 33.2
79 28.2 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

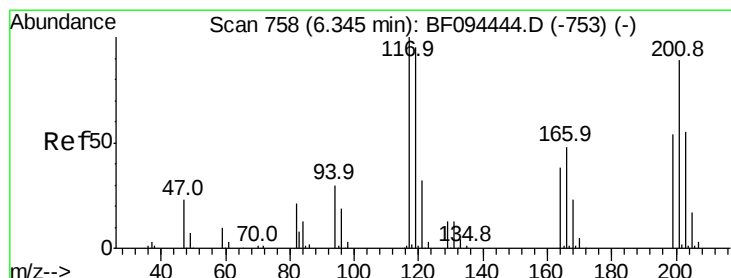
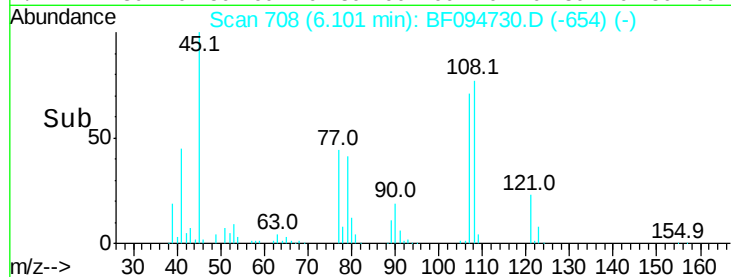
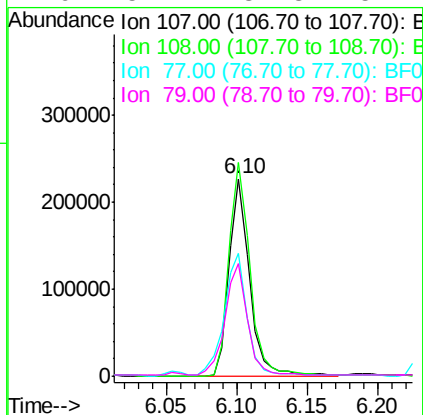
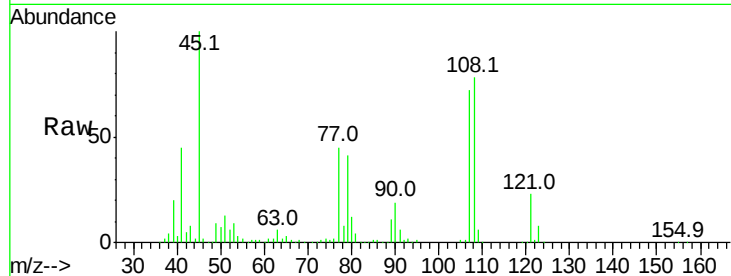




#17
2-Methylphenol
Concen: 36.79 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

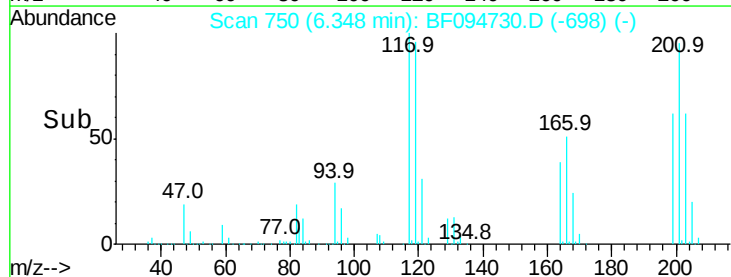
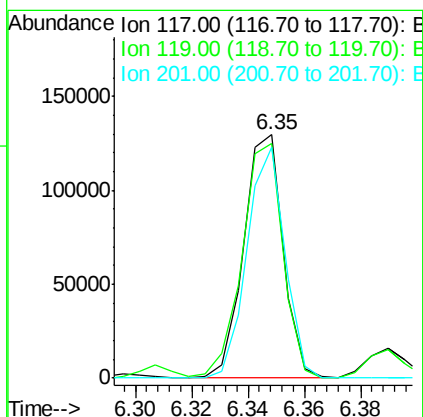
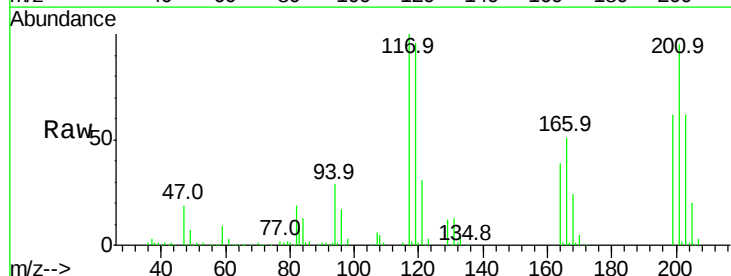
Instrument :
BNA_F
ClientSampleId :

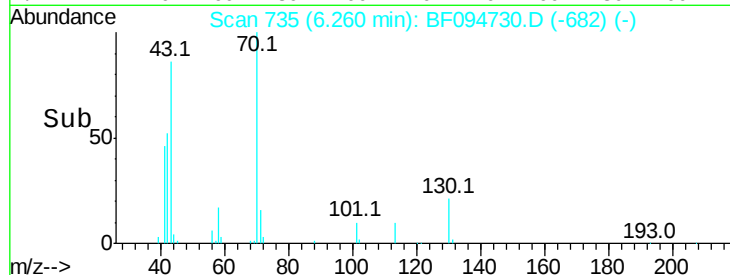
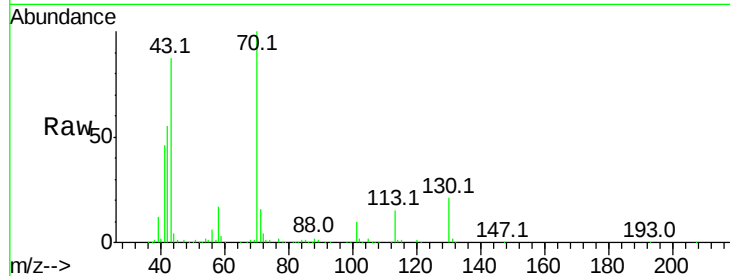
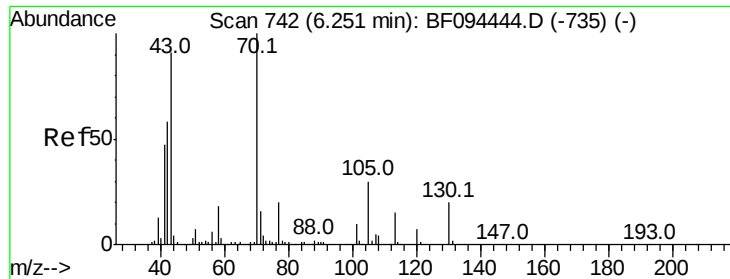
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.1	93.4	140.0
77	62.2	35.8	53.6#
79	57.2	34.8	52.2#



#18
Hexachloroethane
Concen: 40.93 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
201	94.7	94.6	141.8

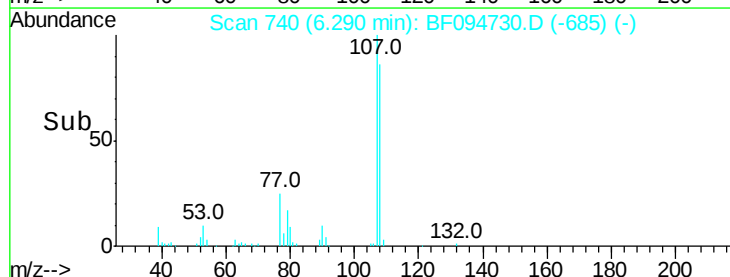
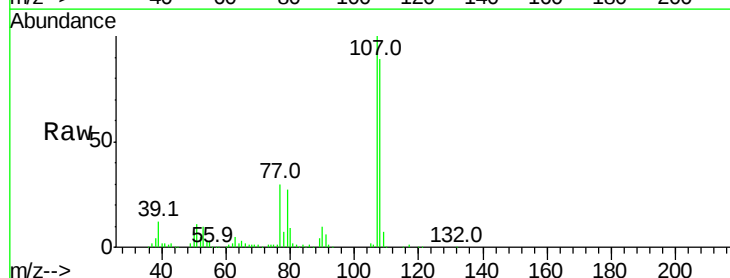
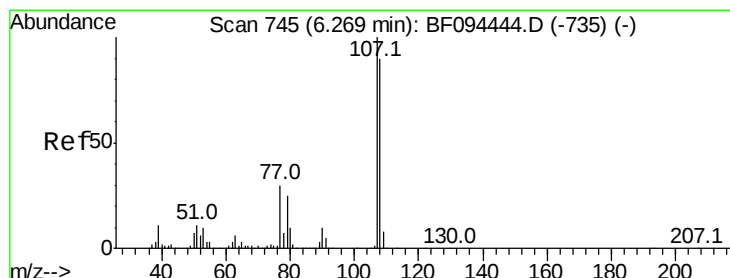
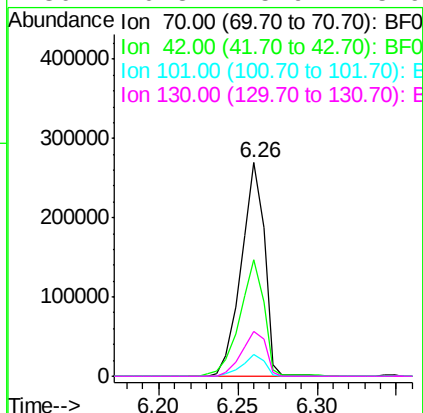




#19
n-Nitroso-di-n-propylamine
Concen: 49.52 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

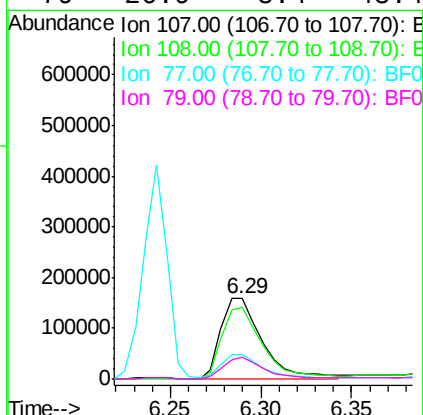
Instrument :
BNA_F
ClientSampleId :

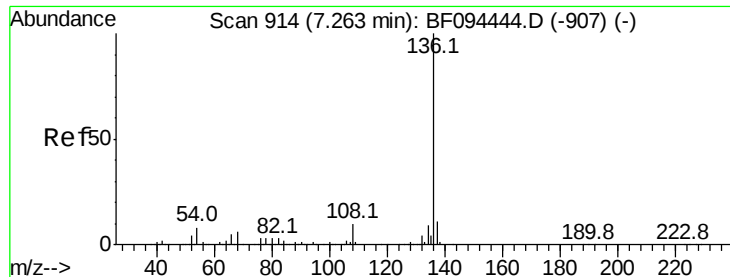
Tot Ion:	70	Resp:	272515
Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.2	70.8
101	10.3	7.2	10.8
130	20.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 29.34 ng
RT: 6.29 min Scan# 740
Delta R.T. 0.02 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion:	107	Resp:	251740
Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.0	111.0
77	29.9	90.5	130.5#
79	26.9	8.4	48.4

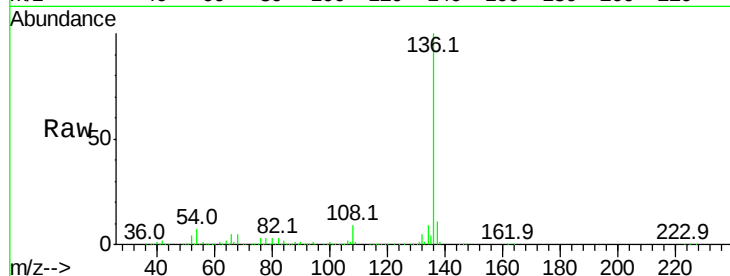




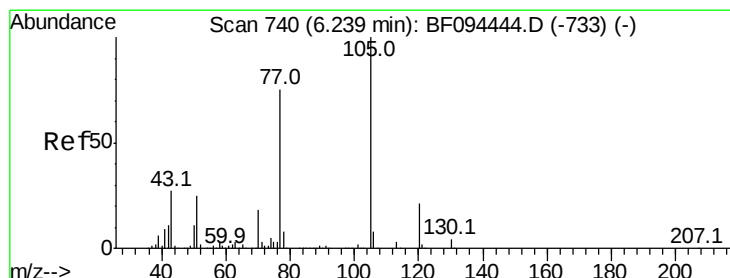
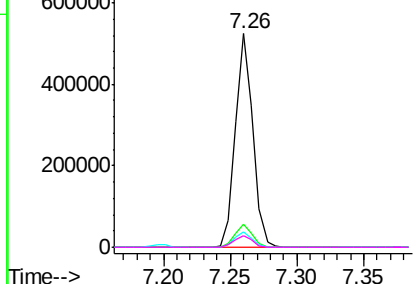
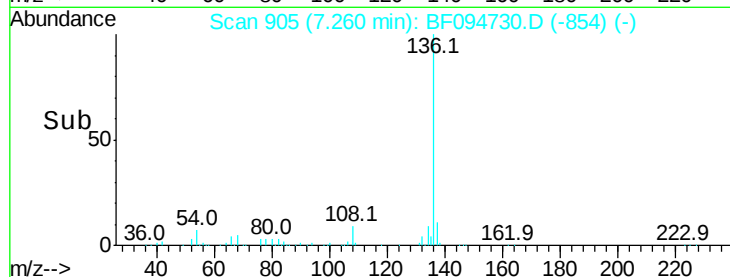
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	483693
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.0	4.9 7.3
68	5.3	4.1 6.1

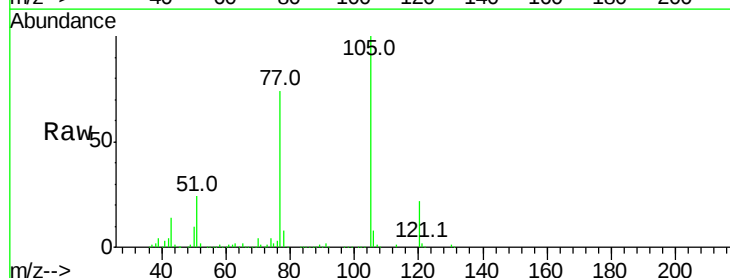


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

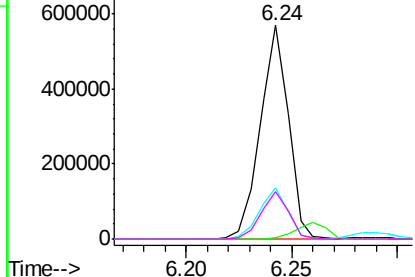
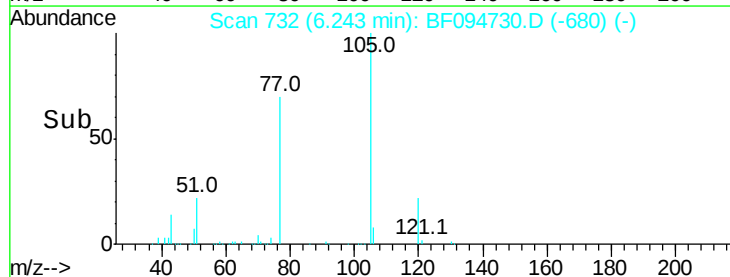


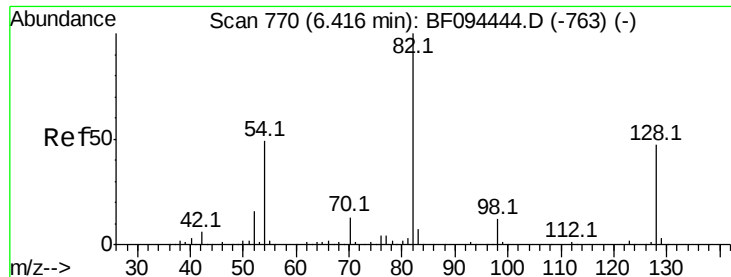
#22
Acetophenone
Concen: 44.80 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion:105	Resp:	526902
Ion Ratio	Lower	Upper
105	100	
71	0.8	2.8 4.2#
51	23.8	30.7 46.1#
120	22.2	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

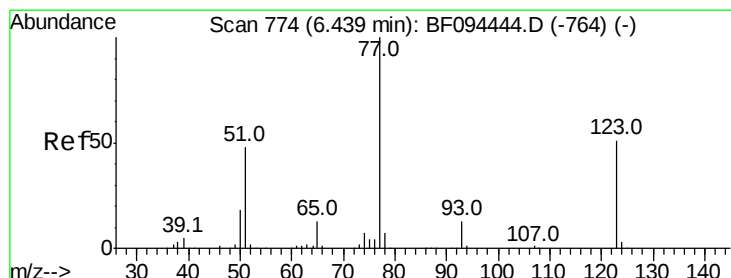
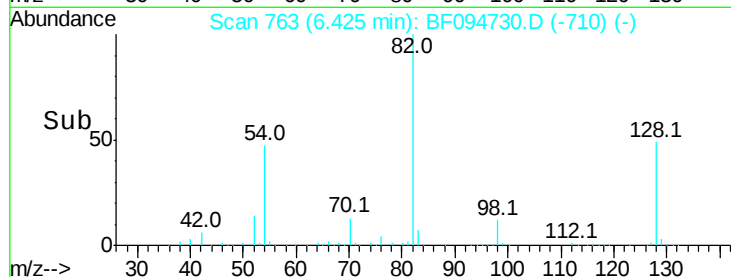
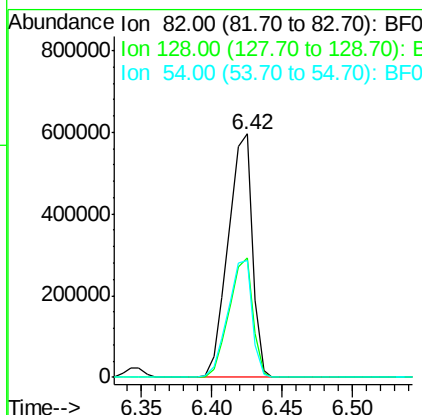
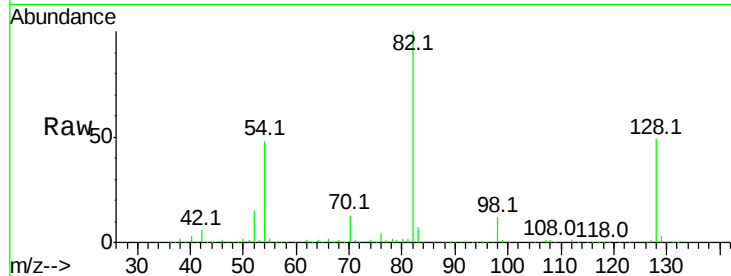




#23
 Nitrobenzene-d5
 Concen: 91.11 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

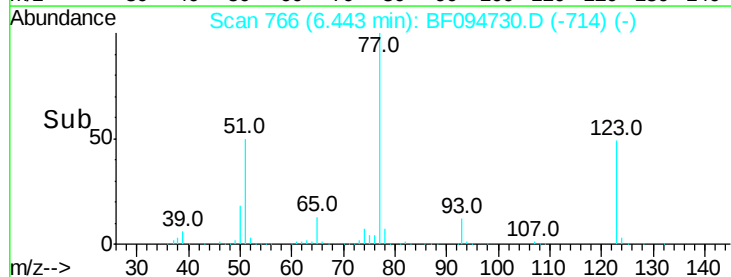
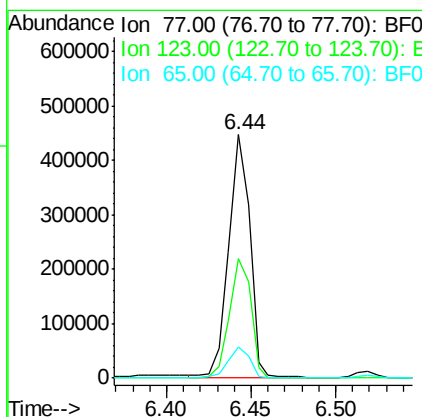
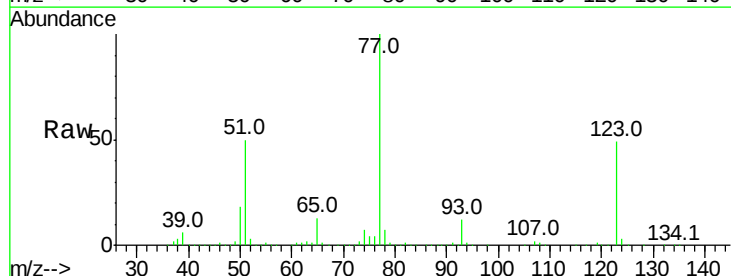
Instrument :
 BNA_F
 ClientSampleId :

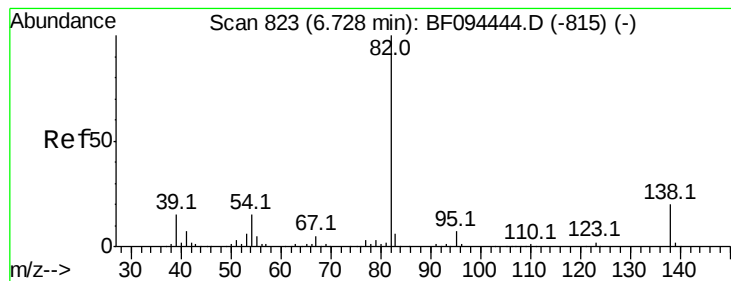
Tot Ion	82	Resp	713672
Ion Ratio	100	Lower	Upper
128	49.3	34.0	51.0
54	47.8	42.2	63.2



#24
 Nitrobenzene
 Concen: 46.97 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion	77	Resp	387424
Ion Ratio	100	Lower	Upper
123	48.8	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 46.15 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampled :

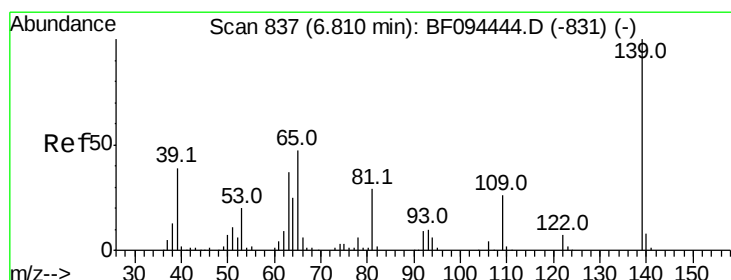
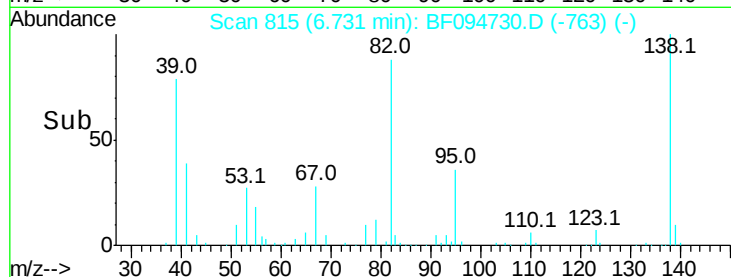
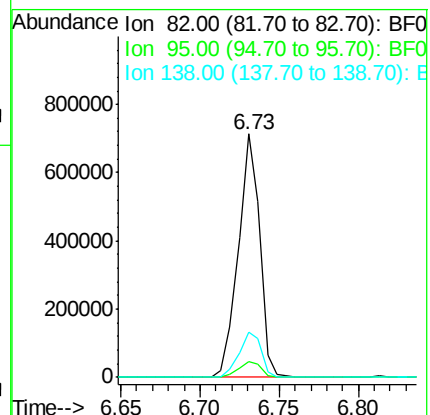
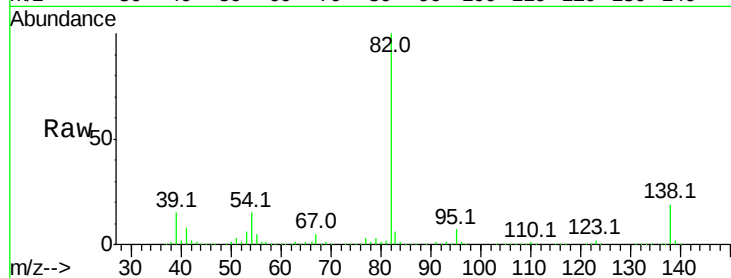
Tot Ion: 82 Resp: 670200

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 44.76 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

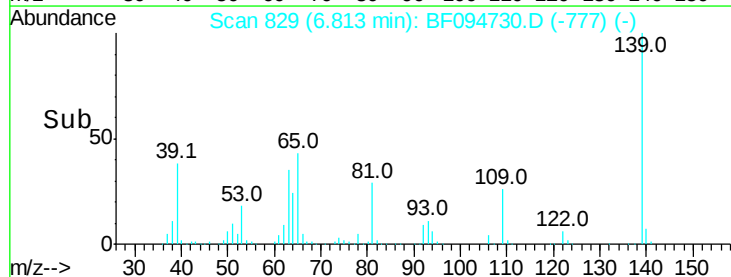
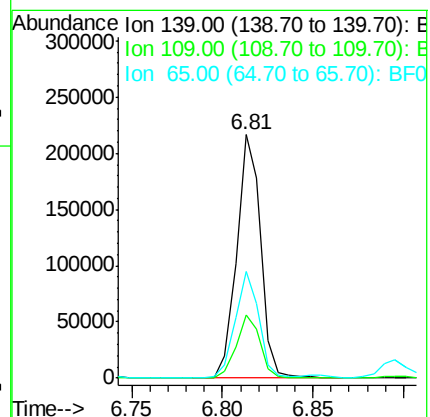
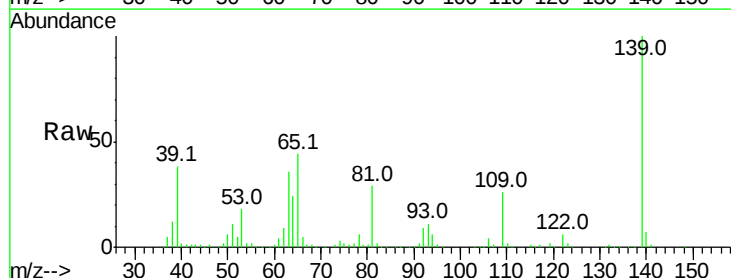
Tgt Ion: 139 Resp: 198381

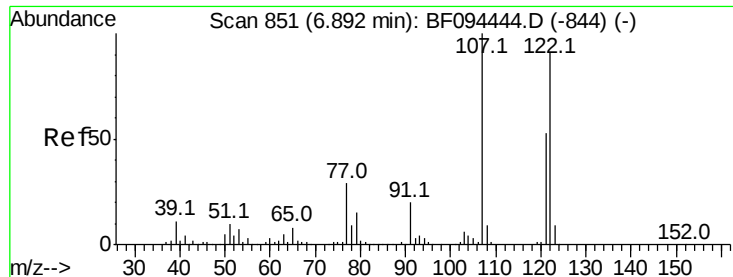
Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

65 43.9 33.0 49.6

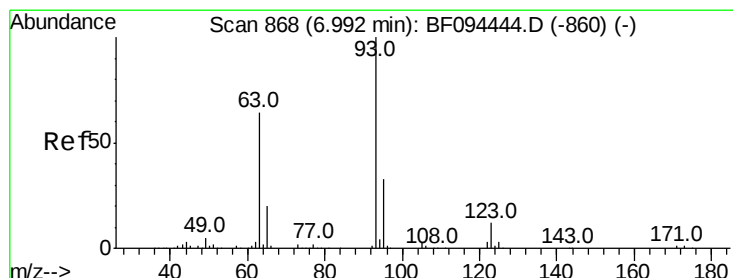
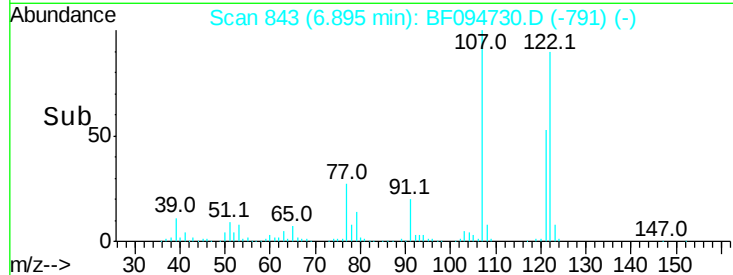
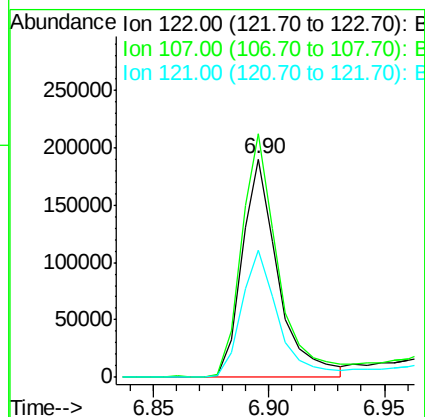
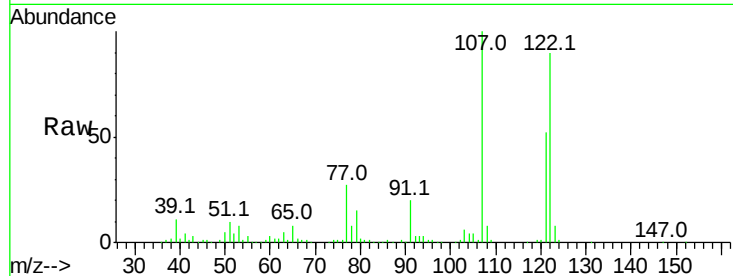




#27
 2,4-Dimethylphenol
 Concen: 28.78 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

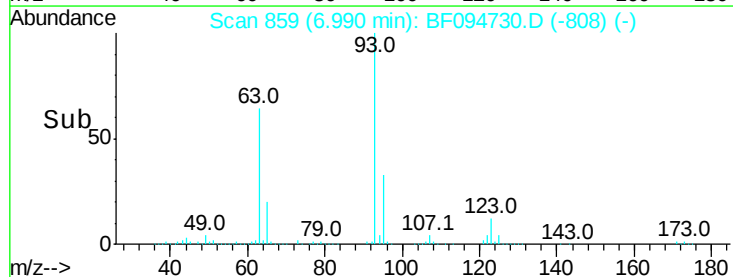
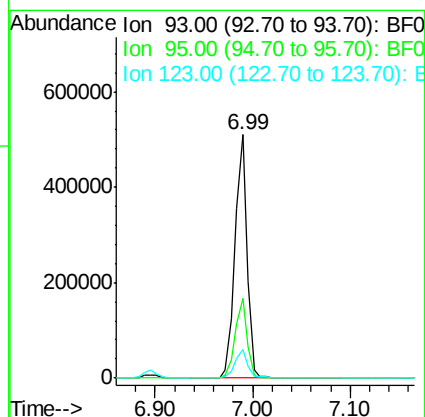
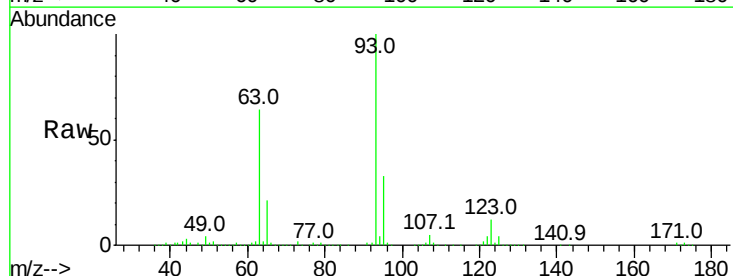
Instrument :
 BNA_F
 ClientSampleId :

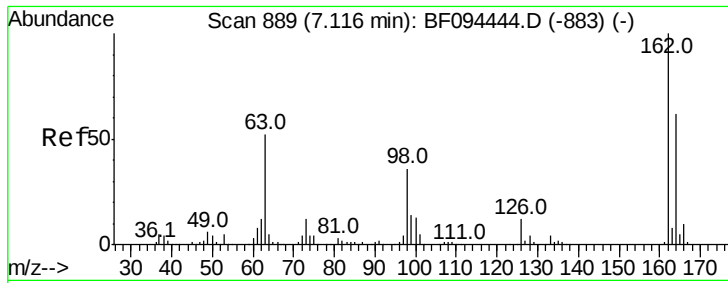
Tot Ion:122 Resp: 207211
 Ion Ratio Lower Upper
 122 100
 107 111.4 89.2 133.8
 121 58.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.63 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion: 93 Resp: 437972
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.6 9.0 13.4

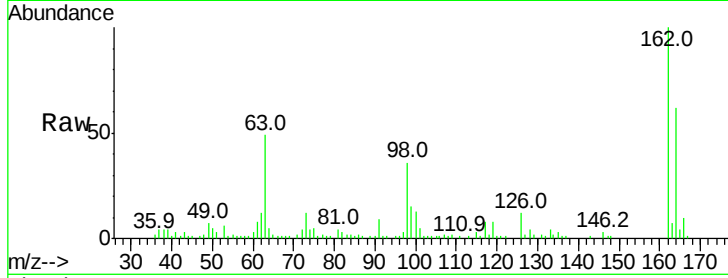




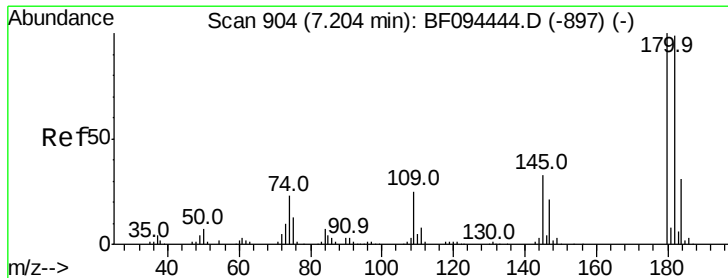
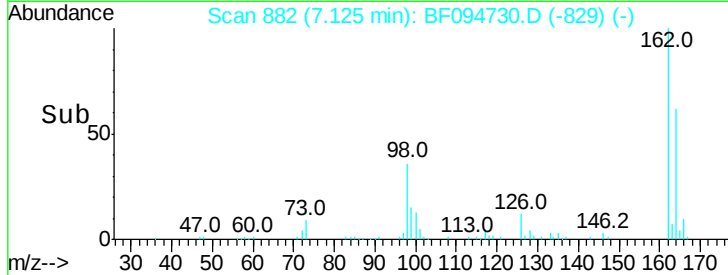
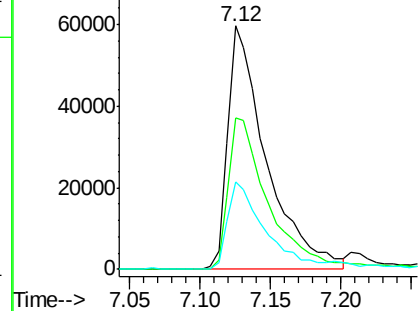
#29
 2,4-Dichlorophenol
 Concen: 16.91 ng
 RT: 7.12 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.6	84.6
98	36.1	14.8	54.8

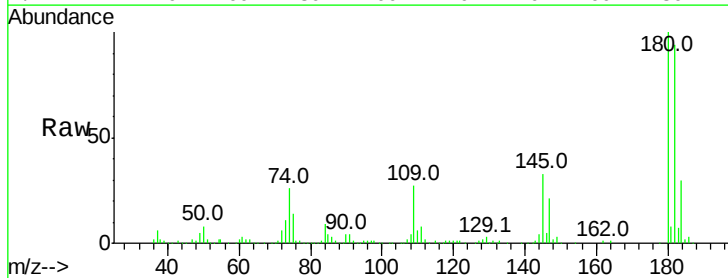


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

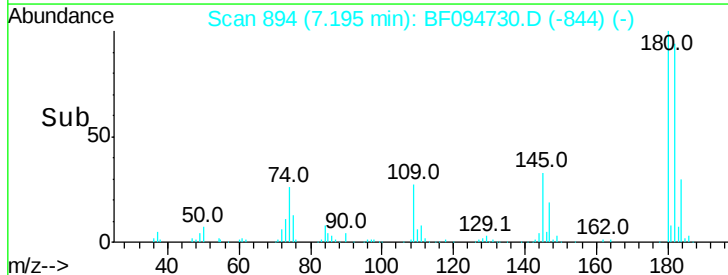
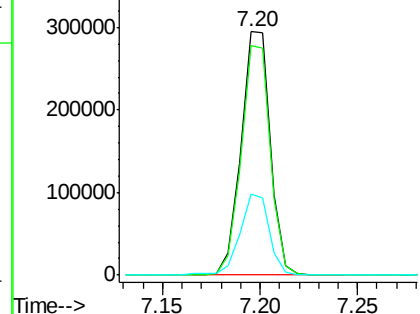


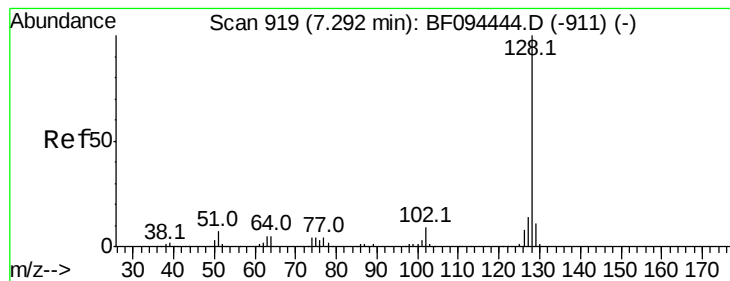
#30
 1,2,4-Trichlorobenzene
 Concen: 44.06 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	33.1	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: 53.57 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

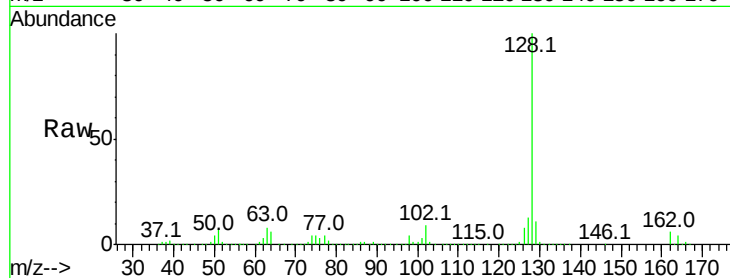
Tot Ion:128 Resp: 1245727

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

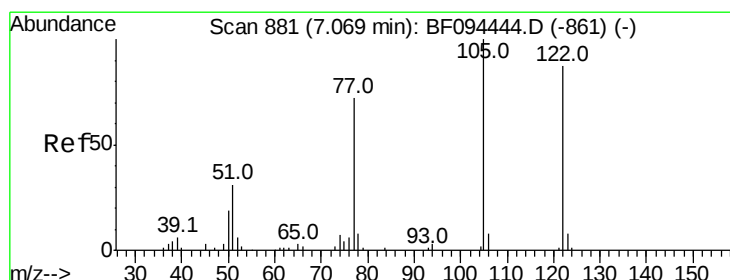
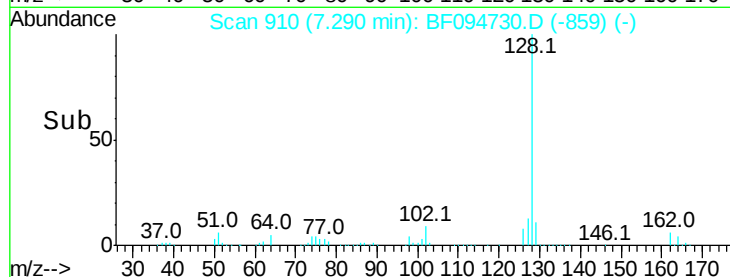
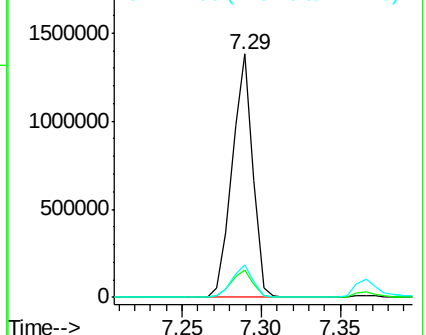
127 13.4 10.8 16.2



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: 24.33 ng

RT: 7.01 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

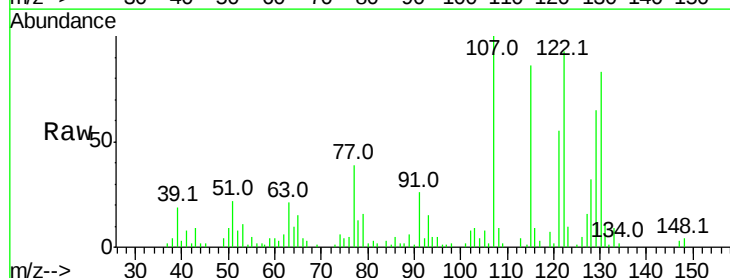
Tgt Ion:122 Resp: 92611

Ion Ratio Lower Upper

122 100

105 8.1 103.3 143.3#

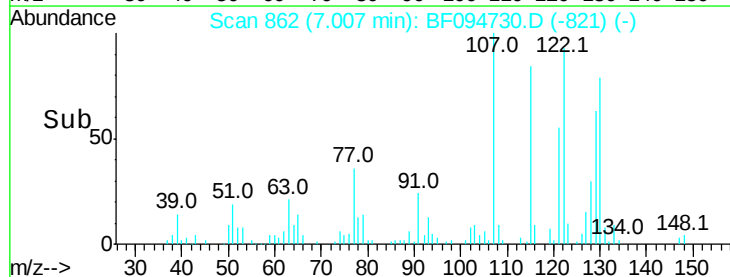
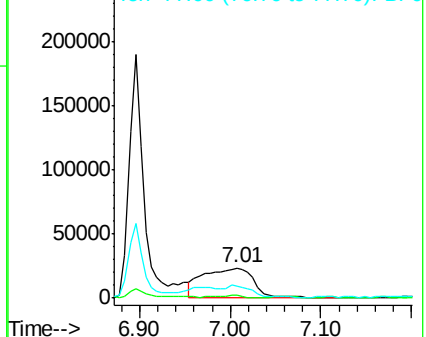
77 41.5 73.7 113.7#

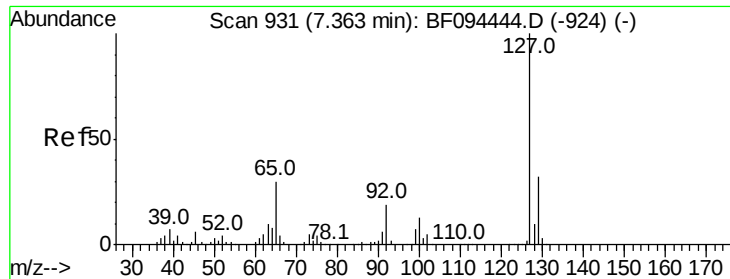


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

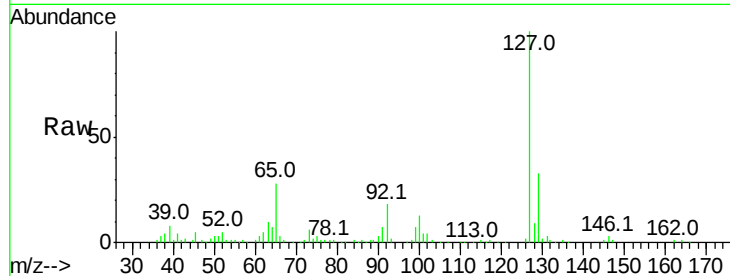




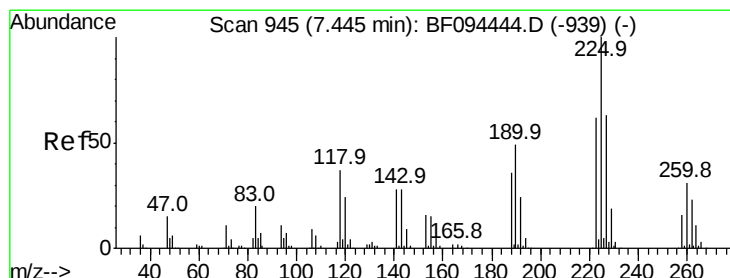
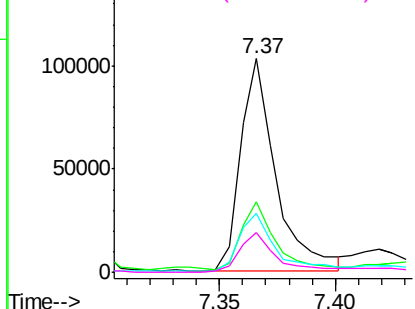
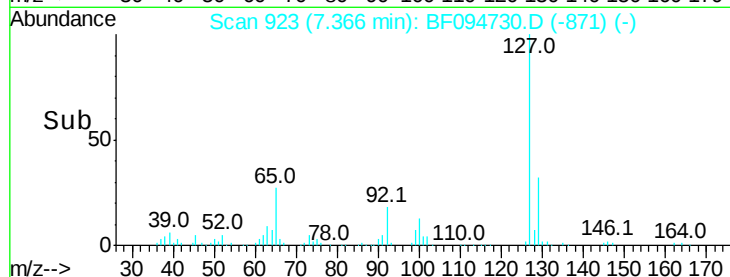
#33
4-Chloroaniline
Concen: 11.41 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	110343
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	27.7	27.8	41.8#
92	18.3	16.8	25.2

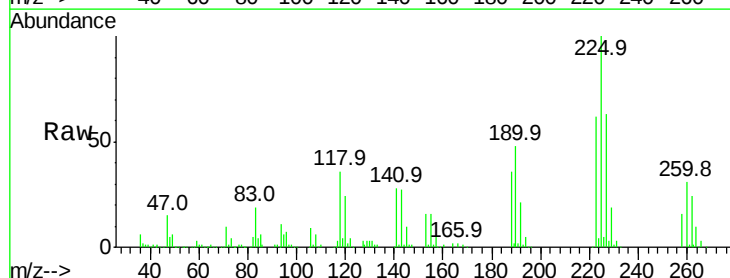


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

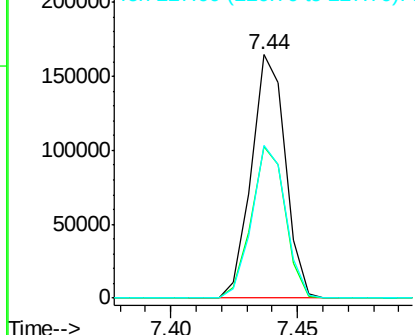
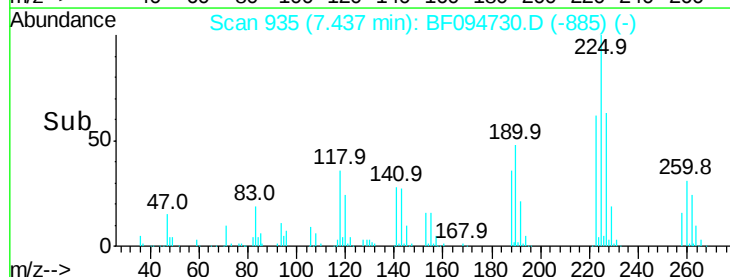


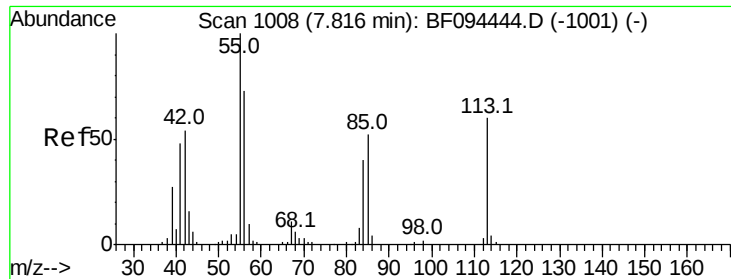
#34
Hexachlorobutadiene
Concen: 44.36 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion:	225	Resp:	153136
Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.8	73.2
227	62.9	51.1	76.7



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

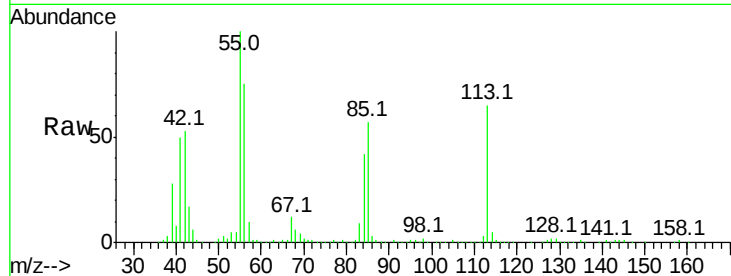




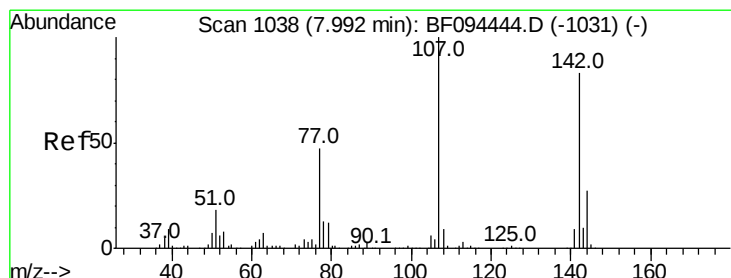
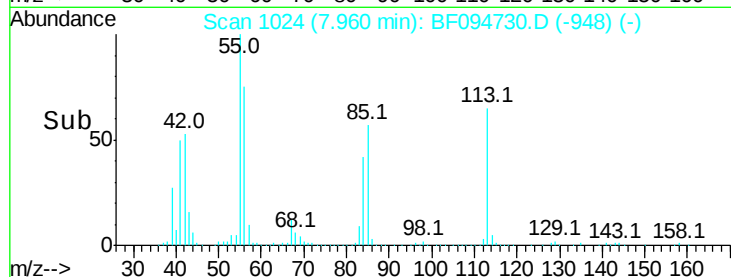
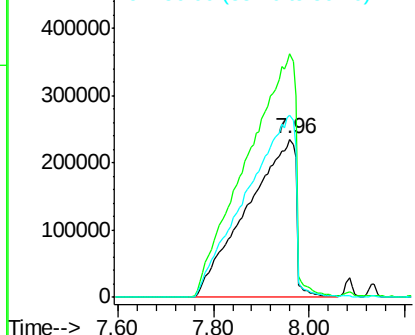
#35
 Caprolactam
 Concen: 794.78 ng
 RT: 7.96 min Scan# 1024
 Delta R.T. 0.14 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 1672033
 Ion Ratio Lower Upper
 113 100
 55 154.1 150.2 190.2
 56 115.2 107.8 147.8

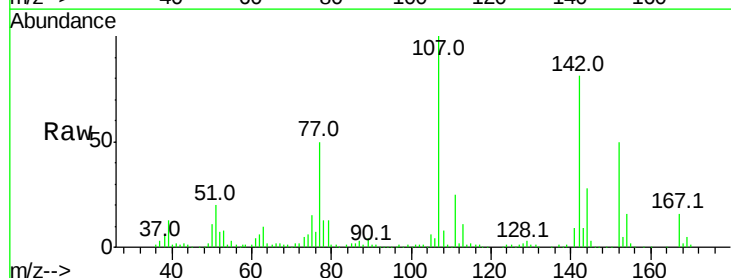


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

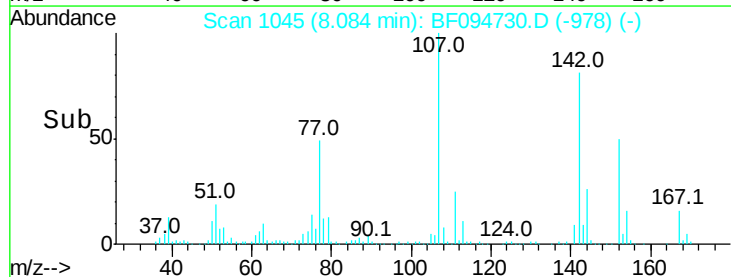
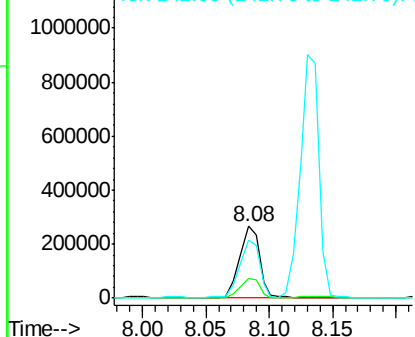


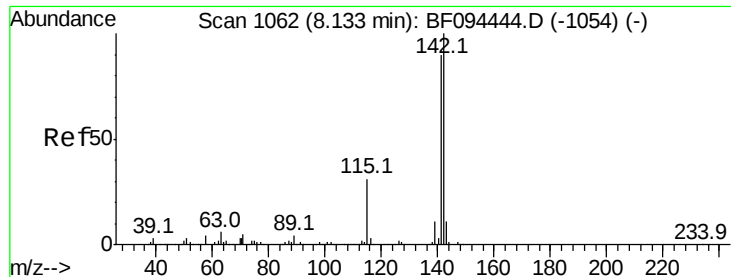
#36
 4-Chloro-3-methylphenol
 Concen: 41.09 ng
 RT: 8.08 min Scan# 1045
 Delta R.T. 0.09 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion:107 Resp: 288380
 Ion Ratio Lower Upper
 107 100
 144 27.7 24.2 36.4
 142 80.9 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: 58.76 ng

RT: 8.13 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

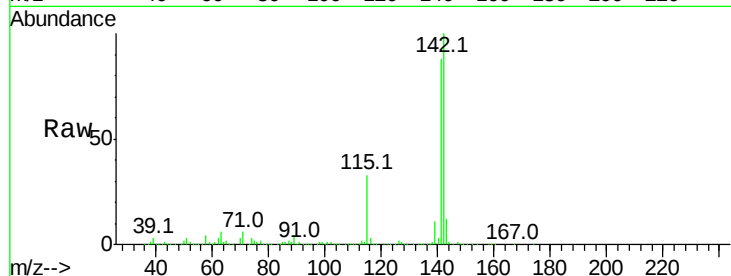
Tot Ion:142 Resp: 934841

Ion Ratio Lower Upper

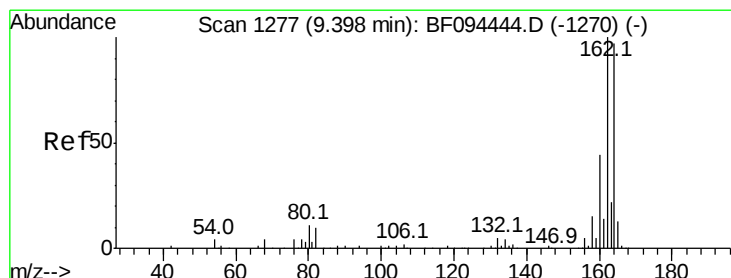
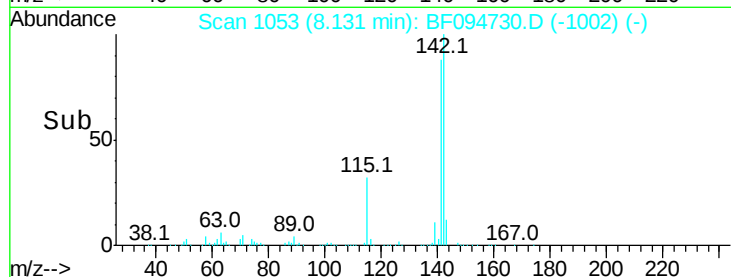
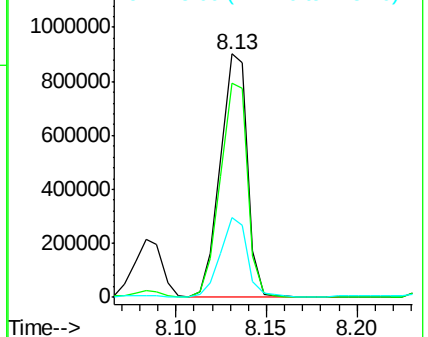
142 100

141 88.2 71.3 106.9

115 32.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

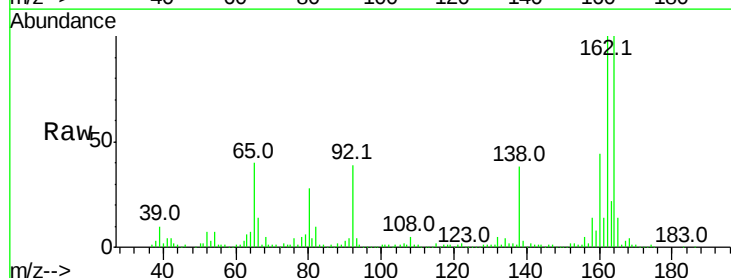
Tgt Ion:164 Resp: 214085

Ion Ratio Lower Upper

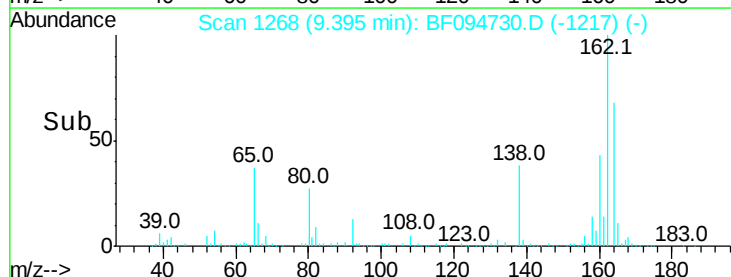
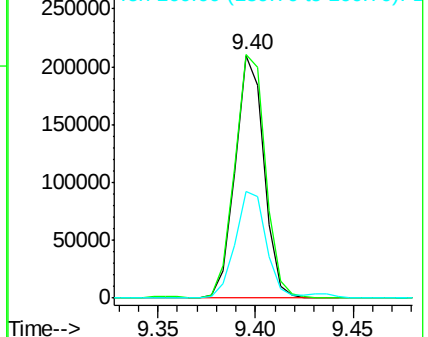
164 100

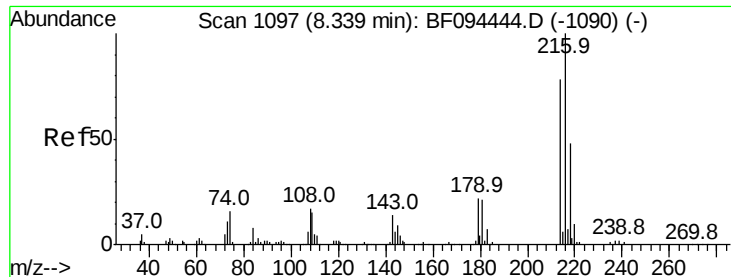
162 100.4 82.6 123.8

160 43.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

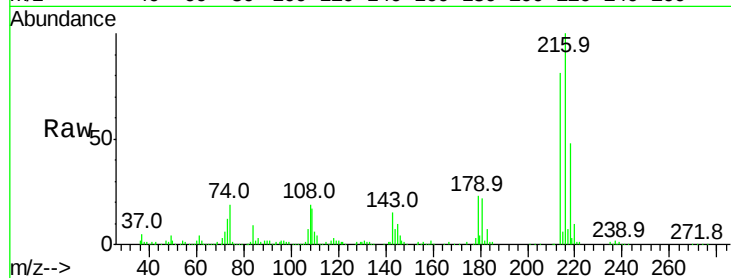




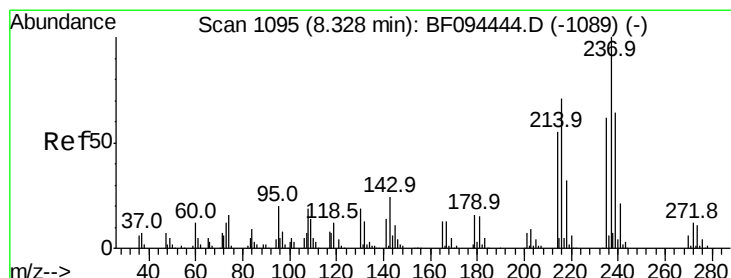
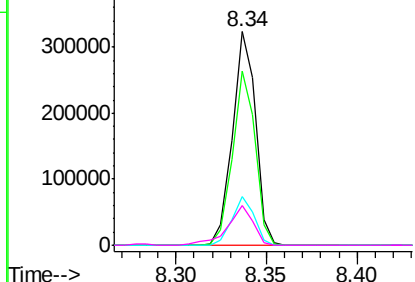
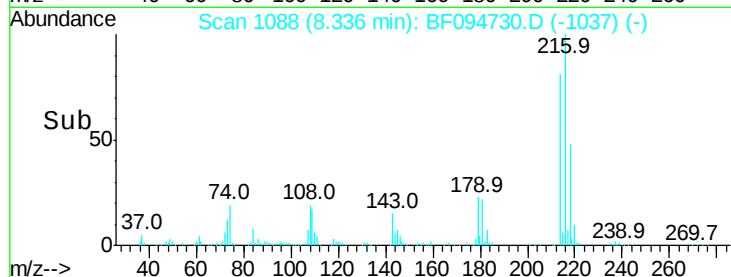
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.11 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	287219
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	22.1	17.9	26.9
108	20.5	16.5	24.7

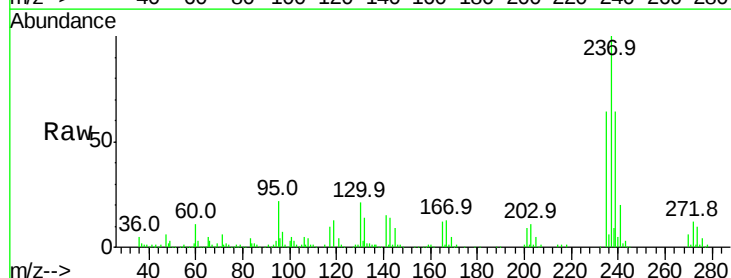


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

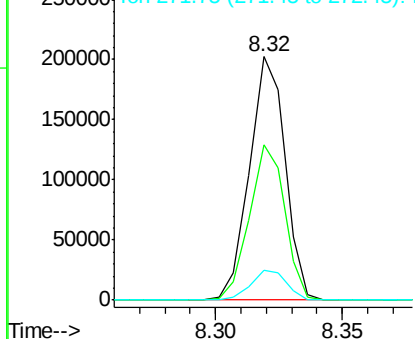
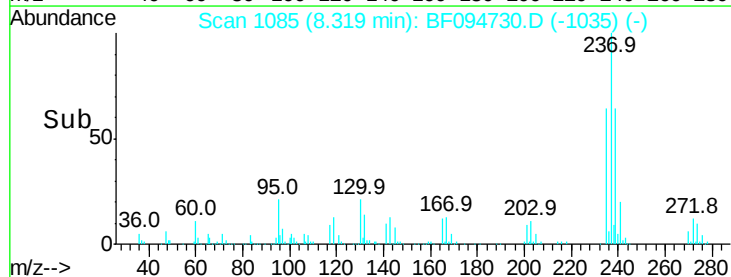


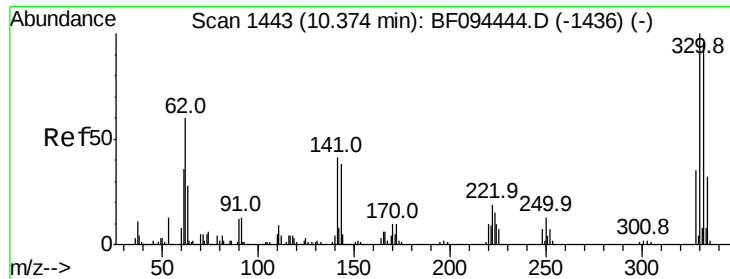
#40
 Hexachlorocyclopentadiene
 Concen: 80.70 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion:	237	Resp:	199026
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.6	82.6
272	12.3	0.0	31.9



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

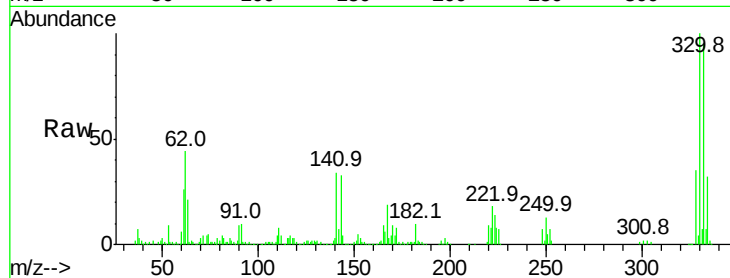




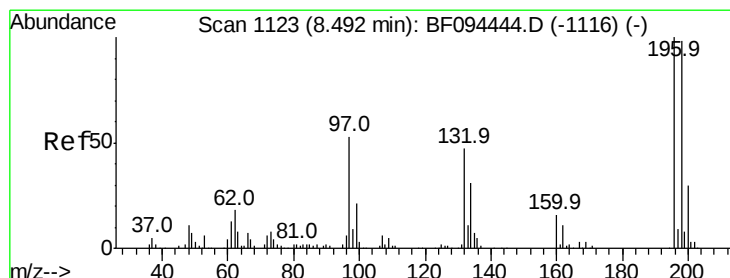
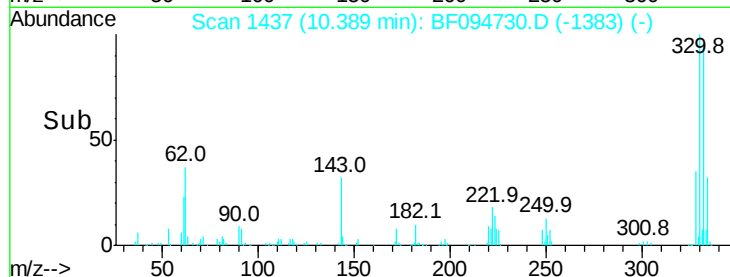
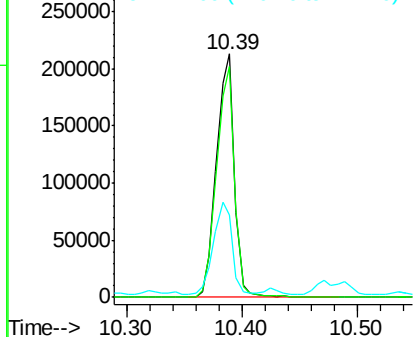
#41
 2,4,6-Tribromophenol
 Concen: 137.62 ng
 RT: 10.39 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	39.0	31.4	47.2

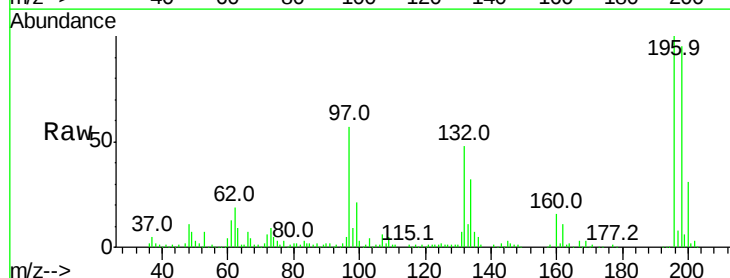


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

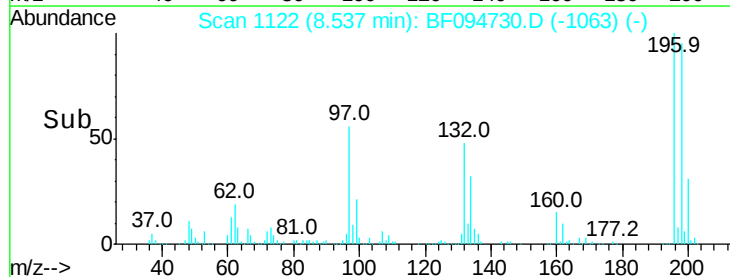
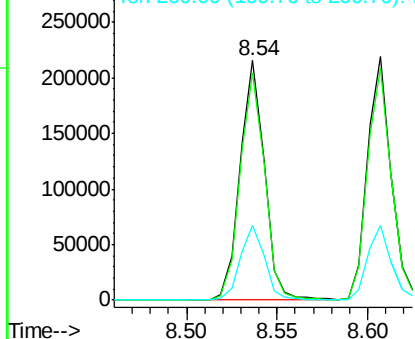


#42
 2,4,6-Trichlorophenol
 Concen: 47.17 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. 0.04 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.2	111.4
200	31.2	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

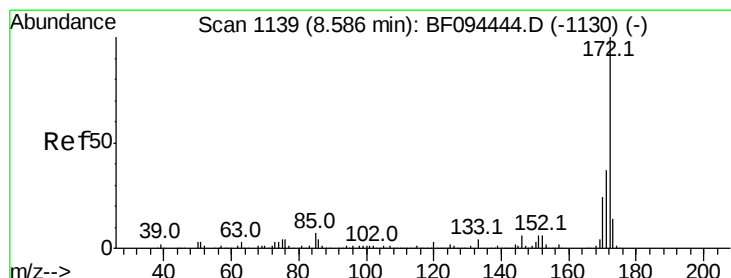
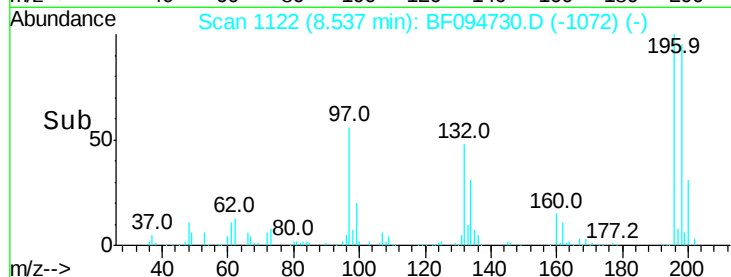
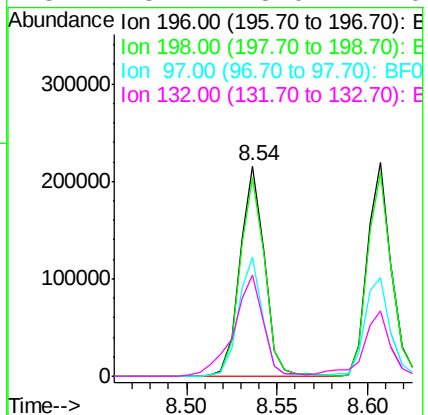
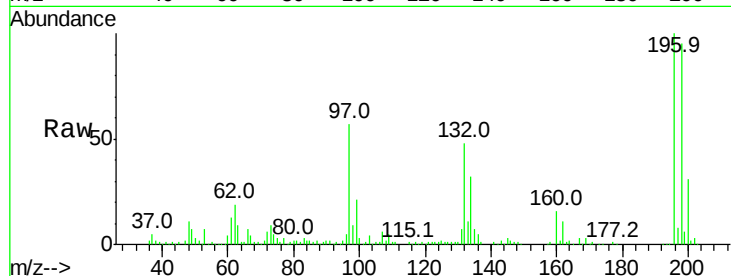




#43
 2,4,5-Trichlorophenol
 Concen: 45.93 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

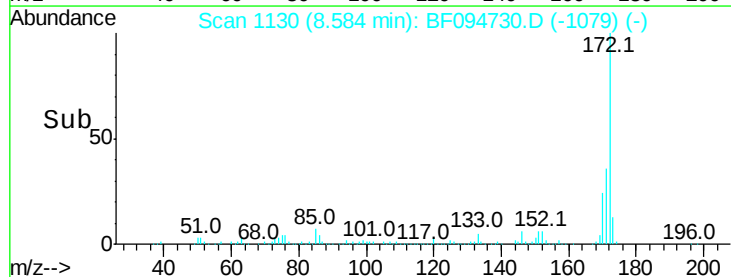
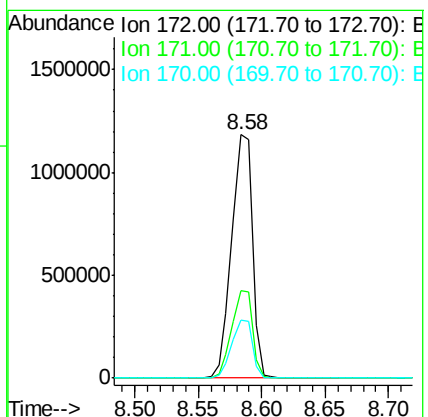
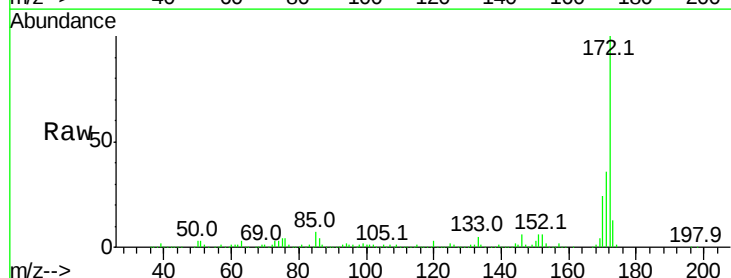
Instrument :
 BNA_F
 ClientSampleId :

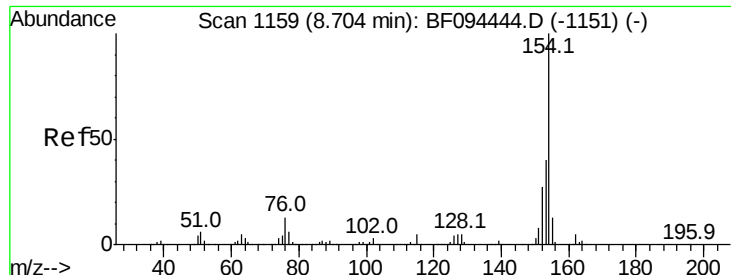
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
97	56.7	47.7	71.5
132	48.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 91.99 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8





#45

1,1'-Biphenyl

Concen: 48.03 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampled :

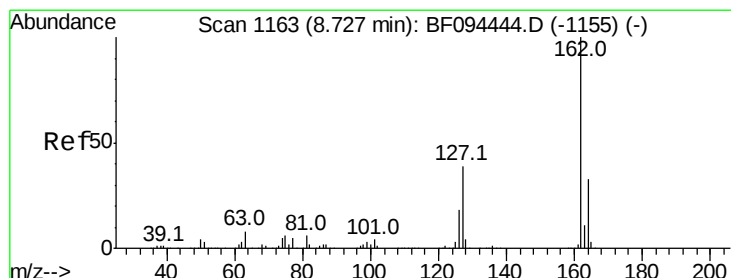
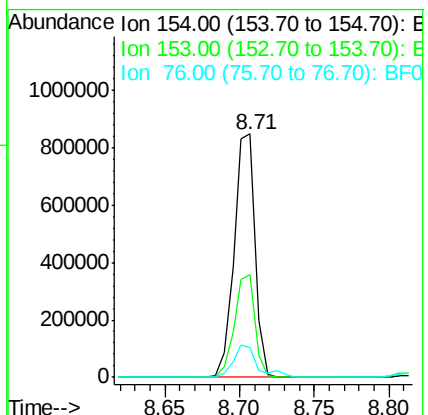
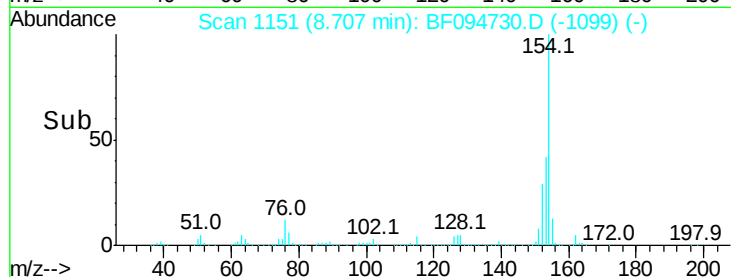
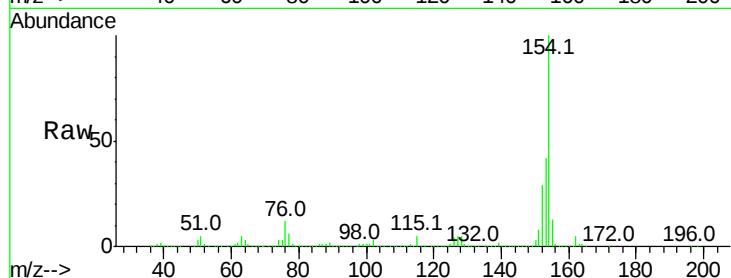
Tot Ion:154 Resp: 840030

Ion Ratio Lower Upper

154 100

153 42.2 21.2 61.2

76 12.1 0.0 29.9



#46

2-Chloronaphthalene

Concen: 48.34 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

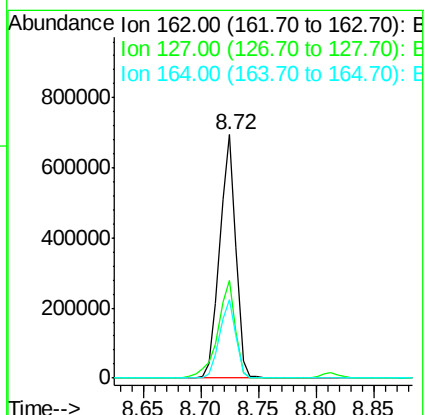
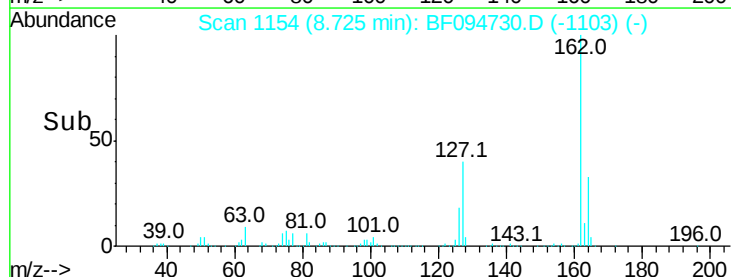
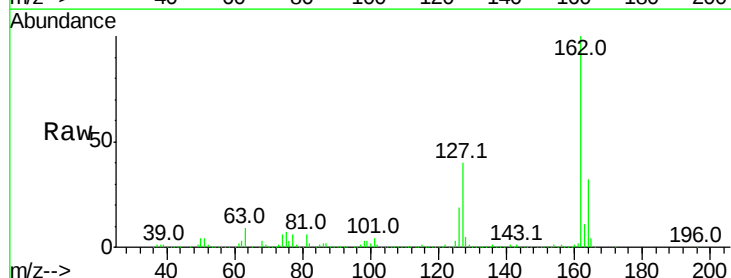
Tgt Ion:162 Resp: 672329

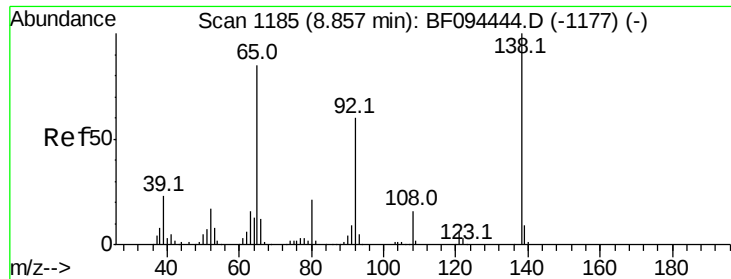
Ion Ratio Lower Upper

162 100

127 40.3 28.3 42.5

164 32.5 27.0 40.4

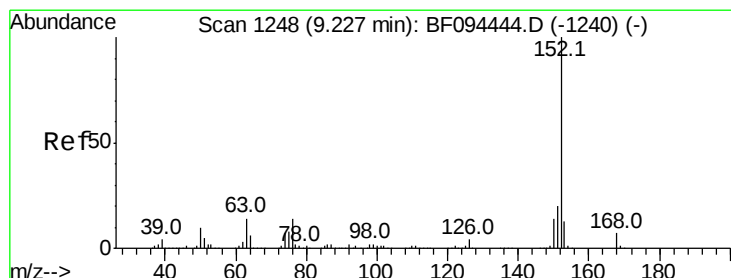
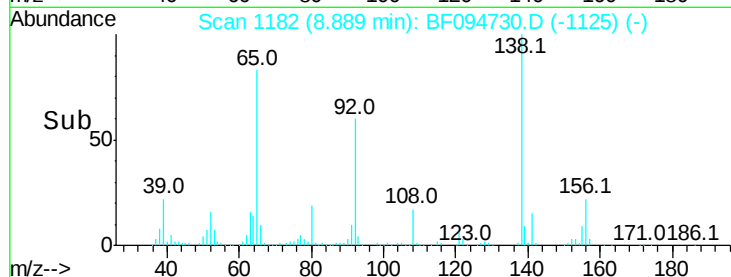
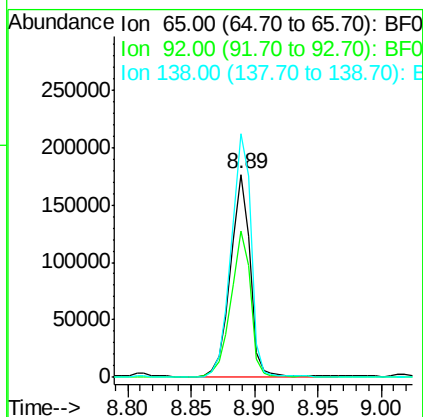
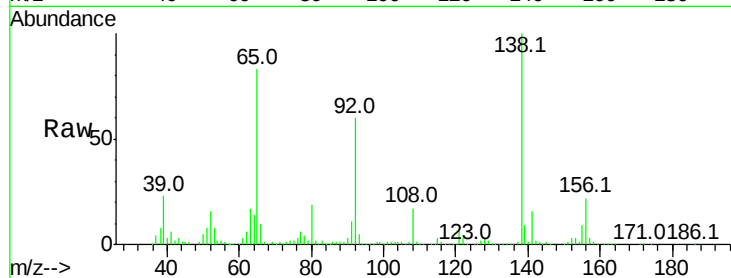




#47
2-Nitroaniline
Concen: 46.71 ng
RT: 8.89 min Scan# 1182
Delta R.T. 0.03 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

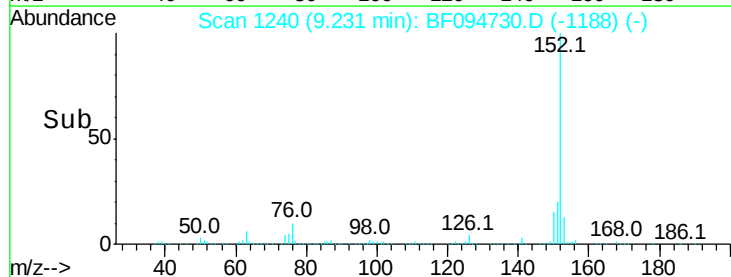
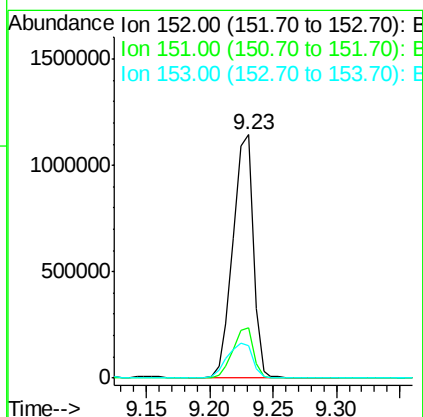
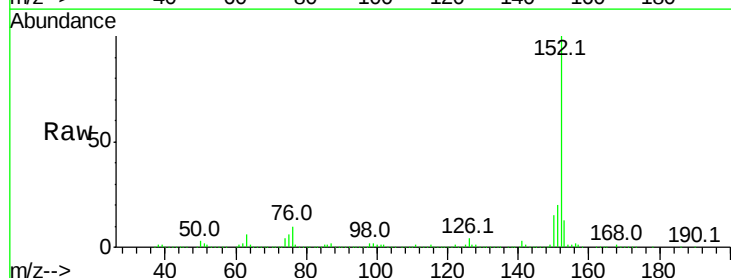
Instrument :
BNA_F
ClientSampleId :

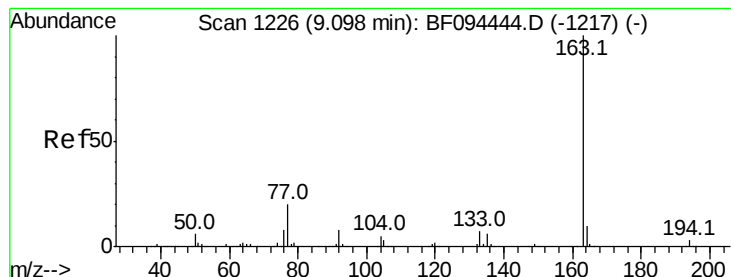
Tot Ion: 65 Resp: 186893
Ion Ratio Lower Upper
65 100
92 72.0 53.9 80.9
138 119.8 78.8 118.2#



#48
Acenaphthylene
Concen: 58.54 ng
RT: 9.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion: 152 Resp: 1269221
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 53.92 ng

RT: 9.10 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

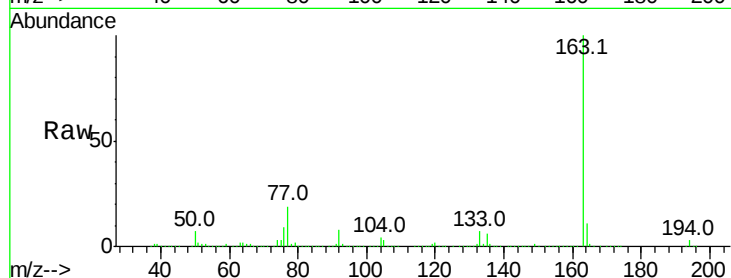
Tot Ion:163 Resp: 860307

Ion Ratio Lower Upper

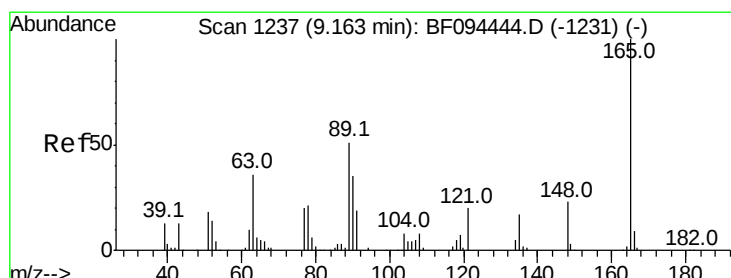
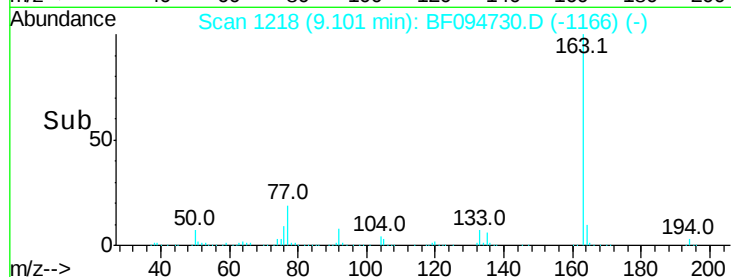
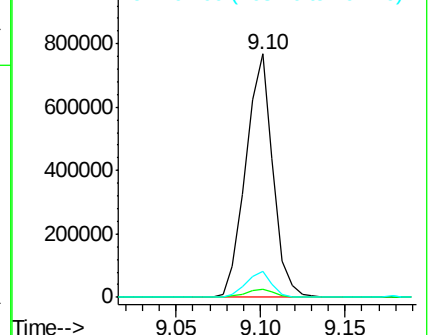
163 100

194 3.5 2.6 4.0

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.85 ng

RT: 9.18 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

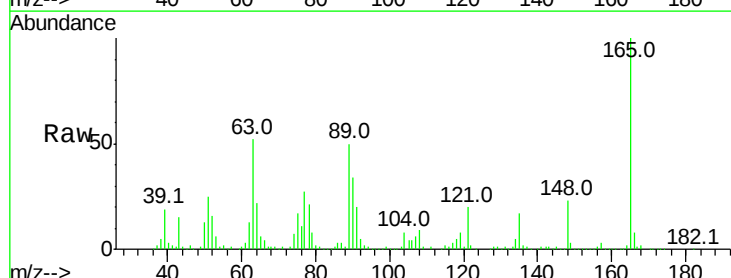
Tgt Ion:165 Resp: 185676

Ion Ratio Lower Upper

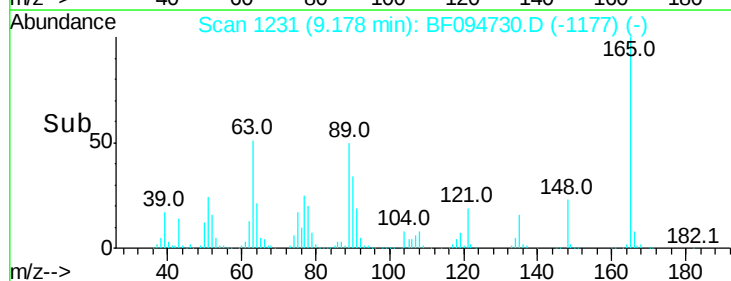
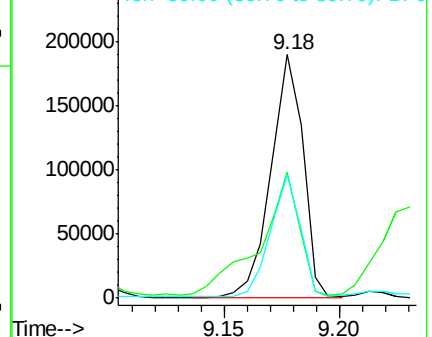
165 100

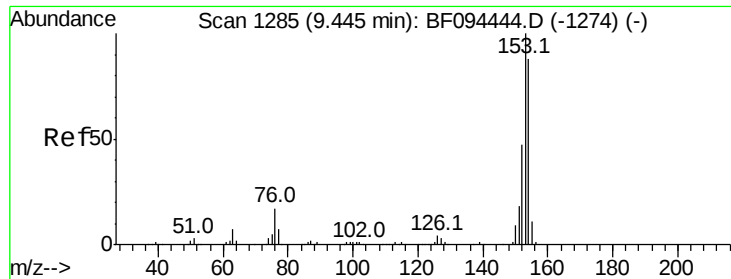
63 51.5 34.3 51.5#

89 50.4 37.1 55.7



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





#51

Acenaphthene

Concen: 56.98 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

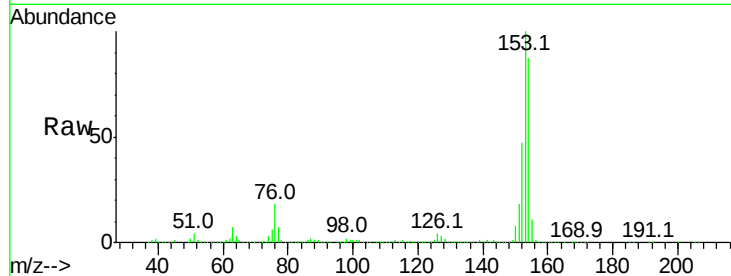
Tot Ion:154 Resp: 739930

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

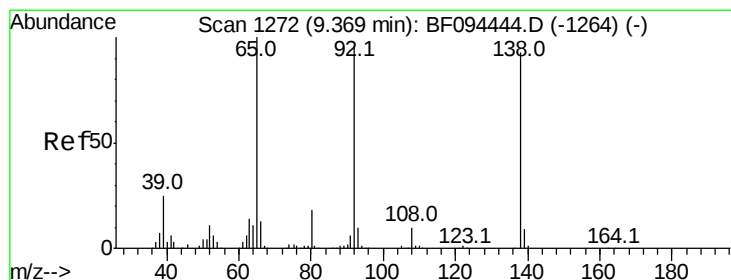
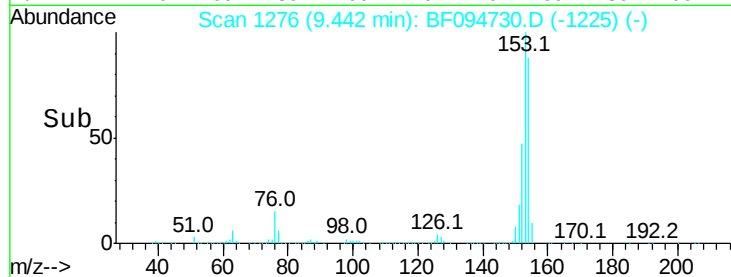
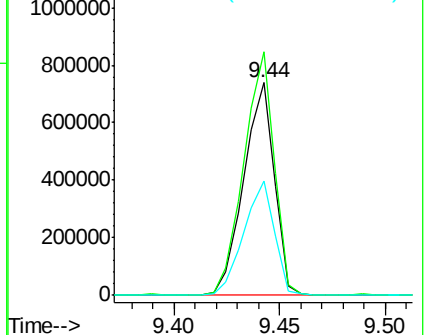
152 53.7 43.6 65.4



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: 27.35 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

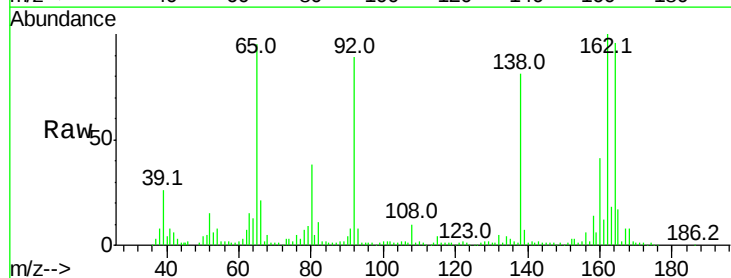
Tgt Ion:138 Resp: 113316

Ion Ratio Lower Upper

138 100

108 12.0 9.1 13.7

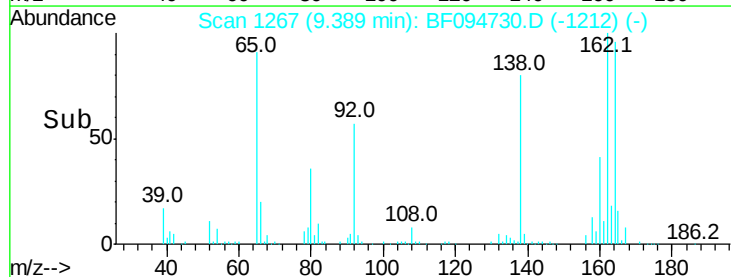
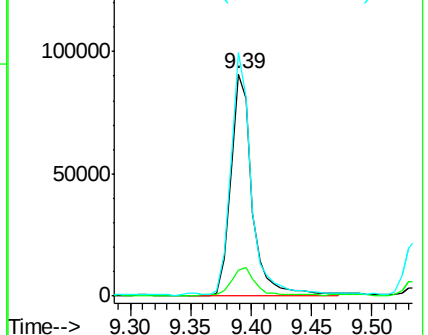
92 109.5 93.8 140.6

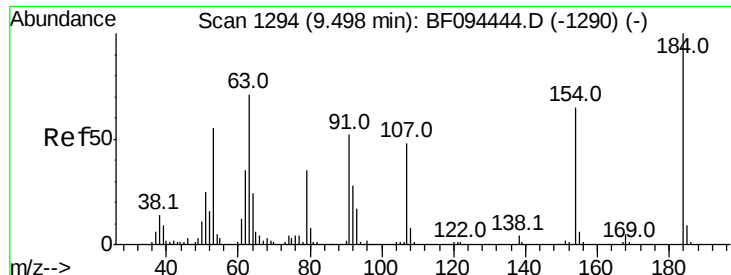


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

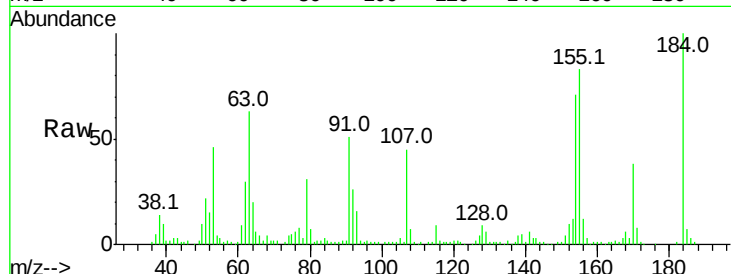




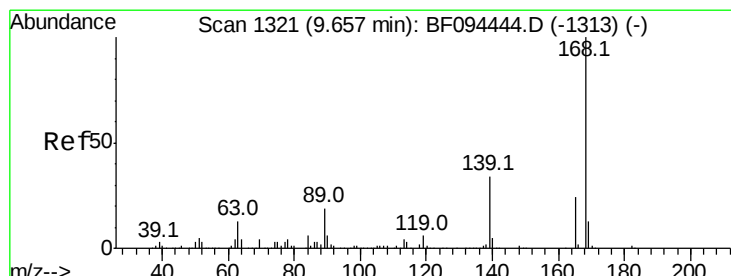
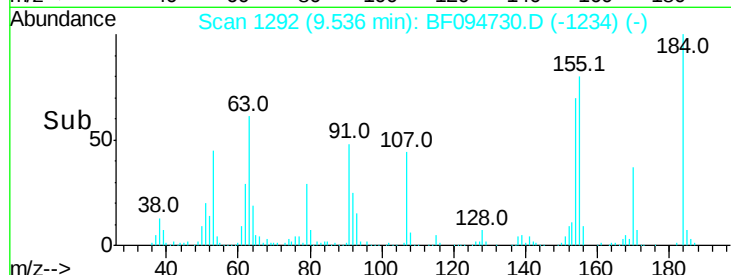
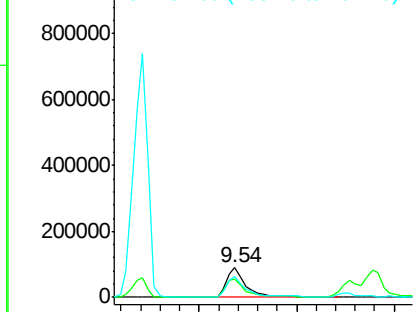
#53
 2,4-Dinitrophenol
 Concen: 67.55 ng
 RT: 9.54 min Scan# 1292
 Delta R.T. 0.04 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 129378
 Ion Ratio Lower Upper
 184 100
 63 62.9 62.7 94.1
 154 70.7 81.1 121.7#

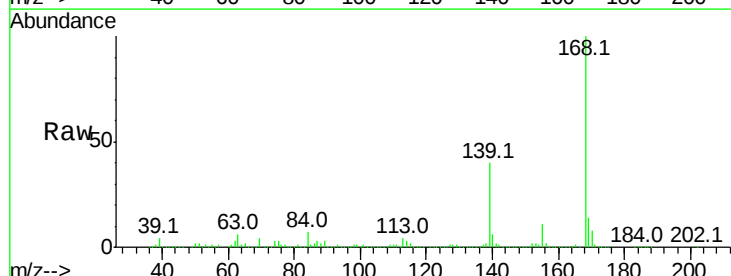


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

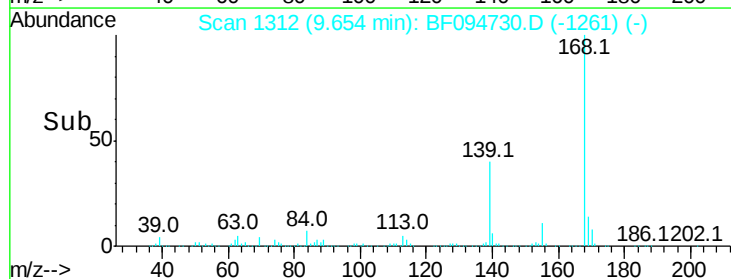
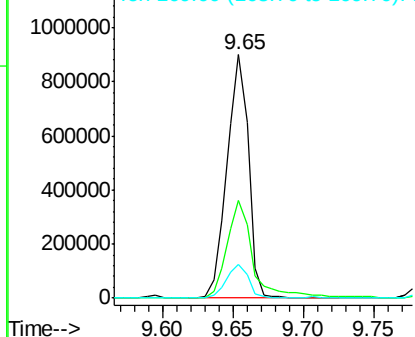


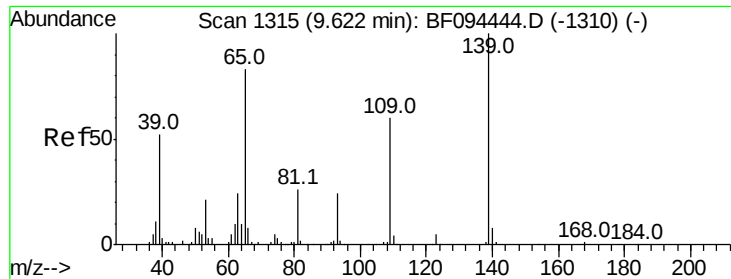
#54
 Dibenzofuran
 Concen: 50.24 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion:168 Resp: 948235
 Ion Ratio Lower Upper
 168 100
 139 40.3 30.6 45.8
 169 14.0 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

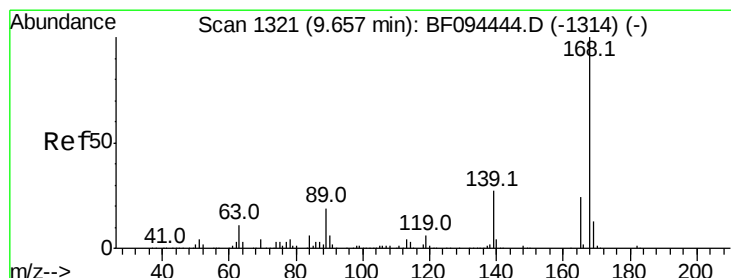
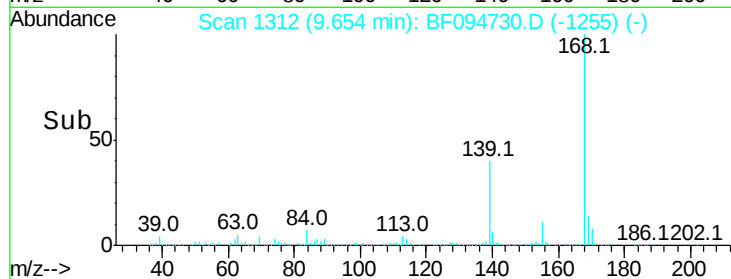
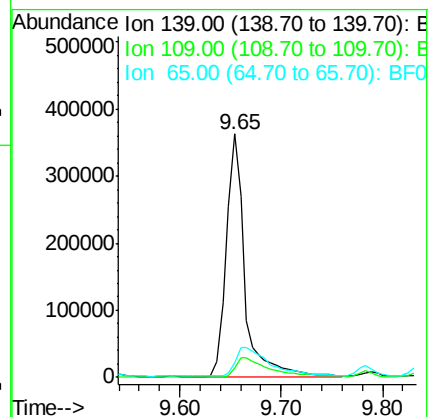
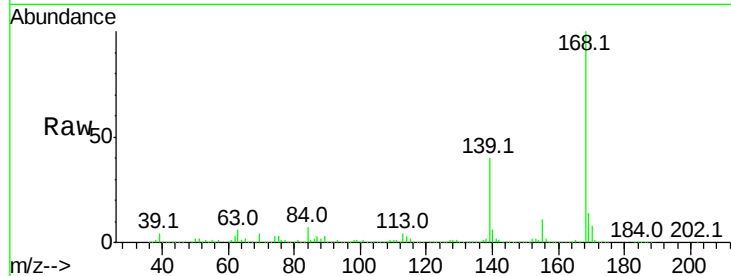




#55
4-Nitrophenol
Concen: 157.44 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.03 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

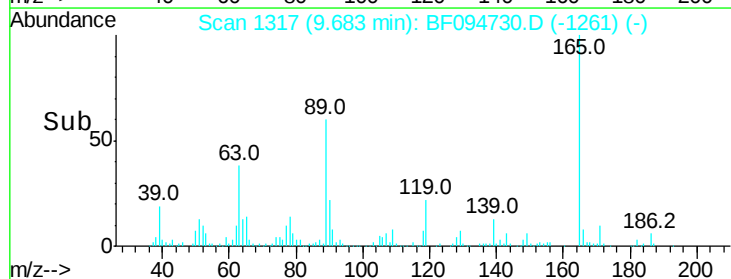
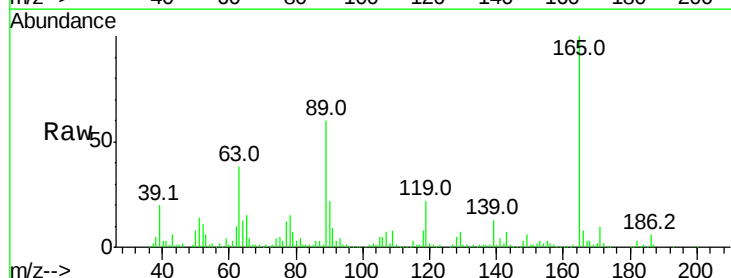
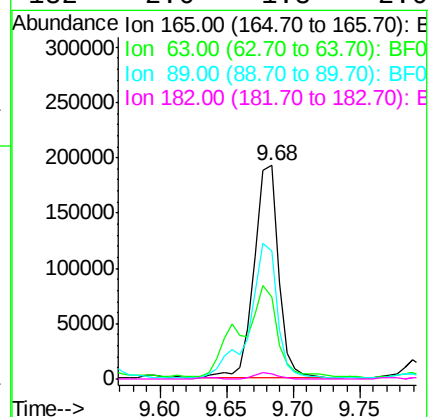
Instrument :
BNA_F
ClientSampled :

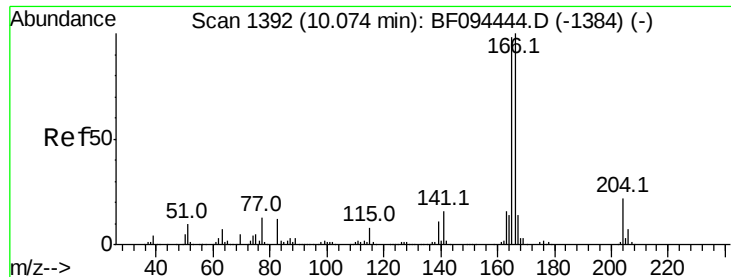
Tot Ion	Ratio	Lower	Upper
139	100		
109	3.6	34.1	74.1#
65	5.8	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 54.69 ng
RT: 9.68 min Scan# 1317
Delta R.T. 0.03 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.1	25.4	38.0#
89	59.8	46.4	69.6
182	2.6	1.8	2.6





#57

Fluorene

Concen: 52.69 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

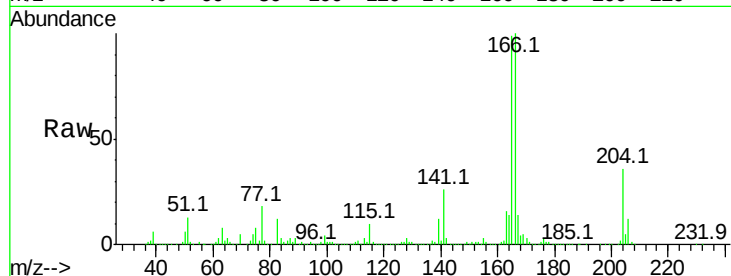
Tot Ion:166 Resp: 774456

Ion Ratio Lower Upper

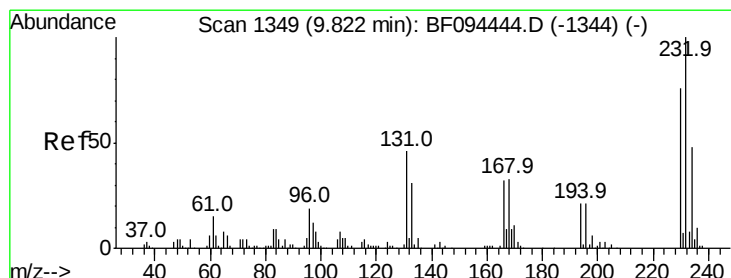
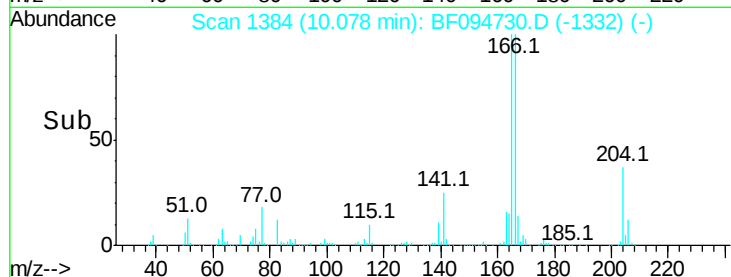
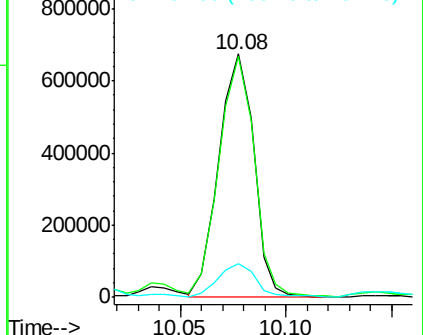
166 100

165 99.1 78.8 118.2

167 14.0 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: 43.68 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.04 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Tgt Ion:232 Resp: 137633

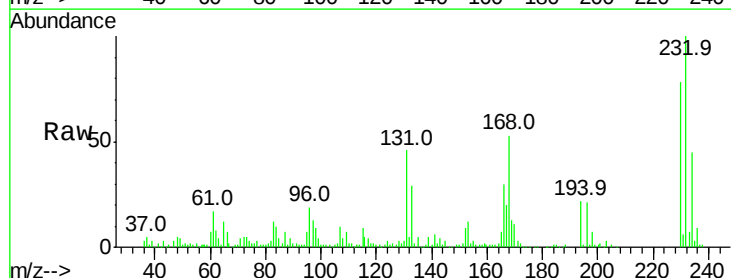
Ion Ratio Lower Upper

232 100

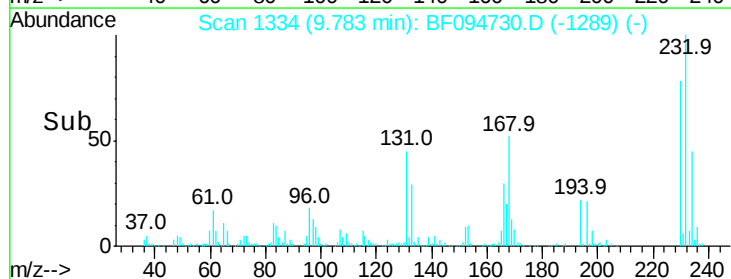
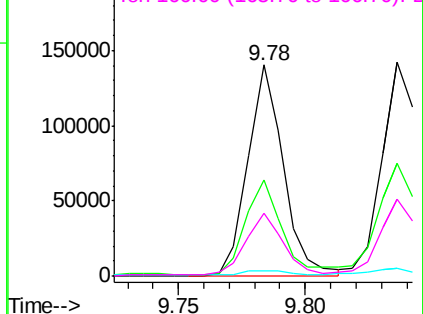
131 45.6 44.8 67.2

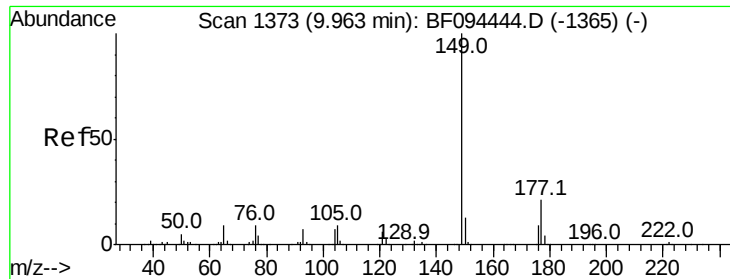
130 2.7 2.3 3.5

166 31.3 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

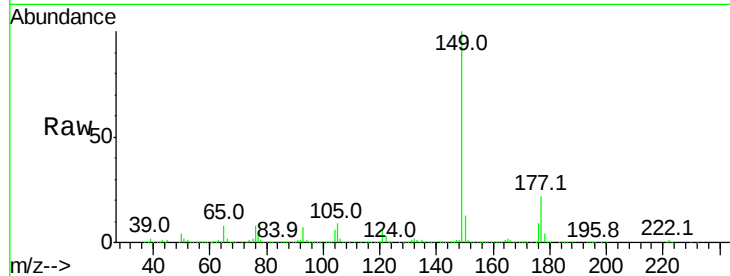




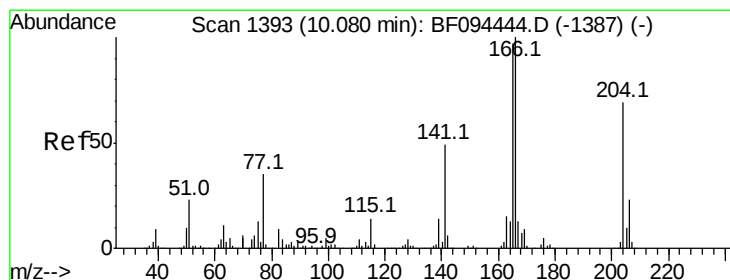
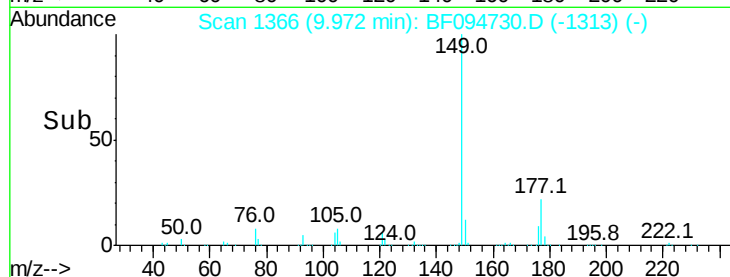
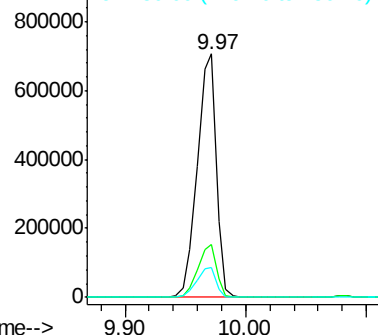
#59
Diethylphthalate
Concen: 50.81 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 764935
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.5 10.2 15.2

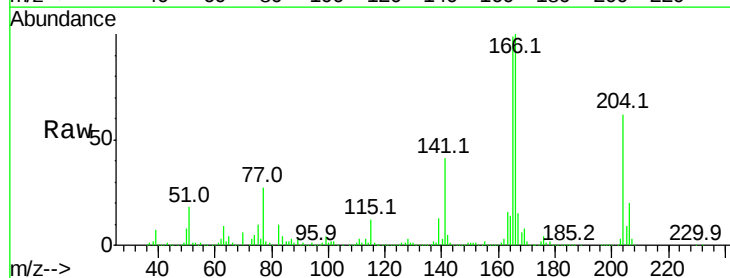


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

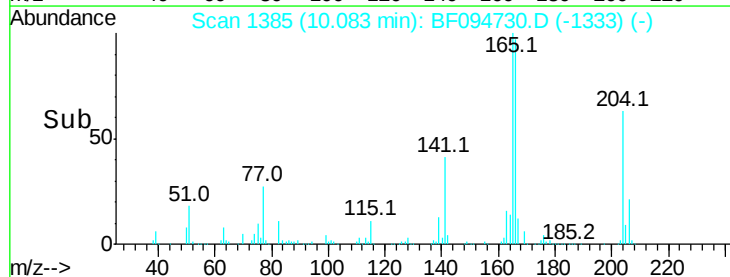
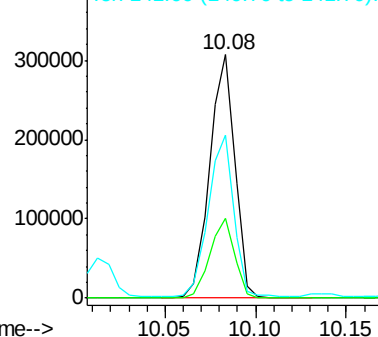


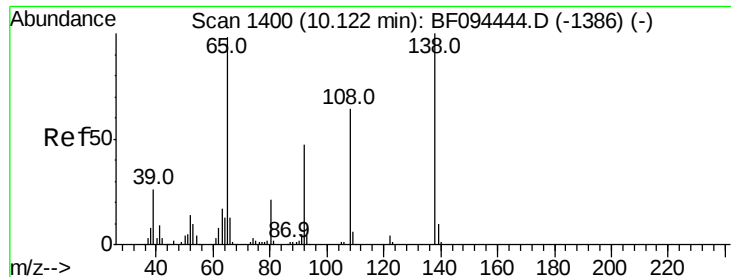
#60
4-Chlorophenyl-phenylether
Concen: 48.19 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion:204 Resp: 294779
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 66.9 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

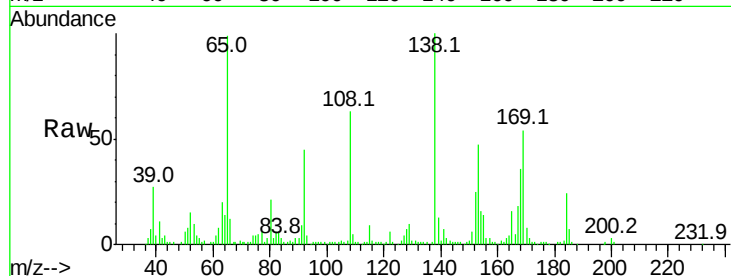




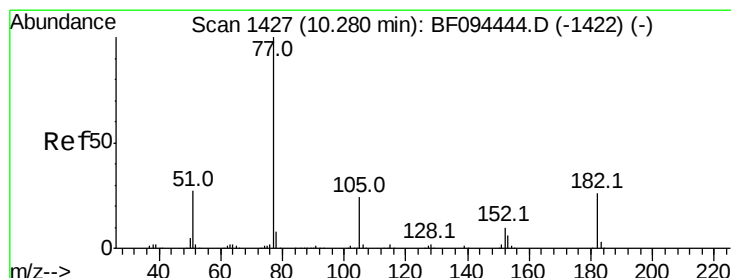
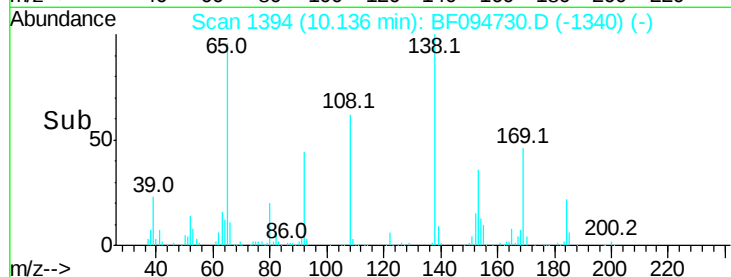
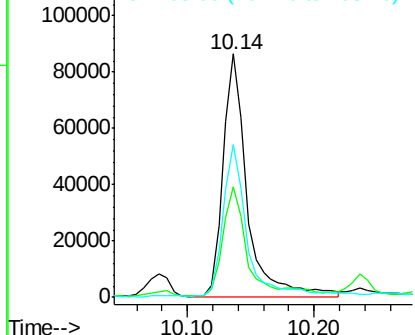
#61
4-Nitroaniline
Concen: 26.88 ng
RT: 10.14 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 113229
Ion Ratio Lower Upper
138 100
92 45.2 21.8 61.8
108 62.5 42.3 82.3

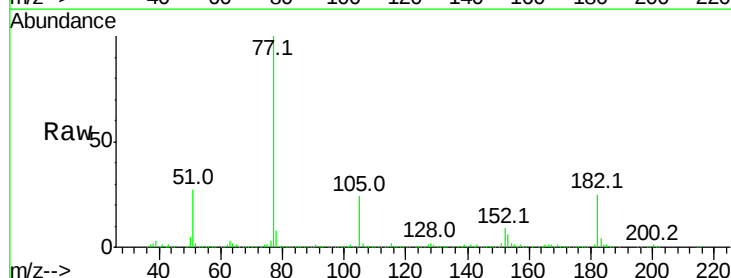


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

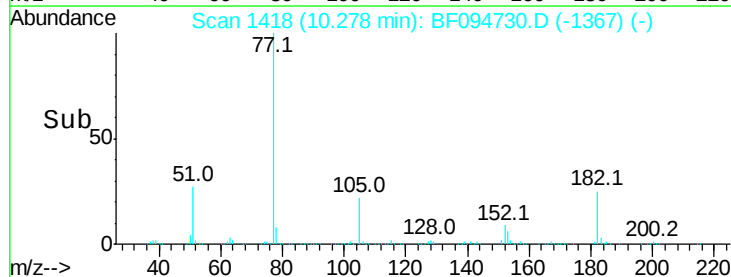
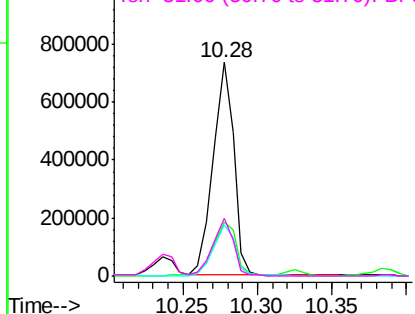


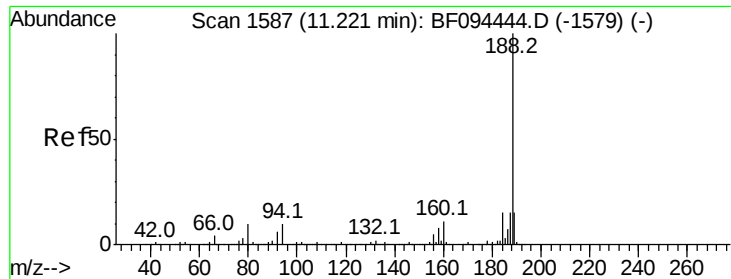
#62
Azobenzene
Concen: 48.75 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion: 77 Resp: 712557
Ion Ratio Lower Upper
77 100
182 25.1 0.1 40.1
105 23.9 3.6 43.6
51 27.1 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

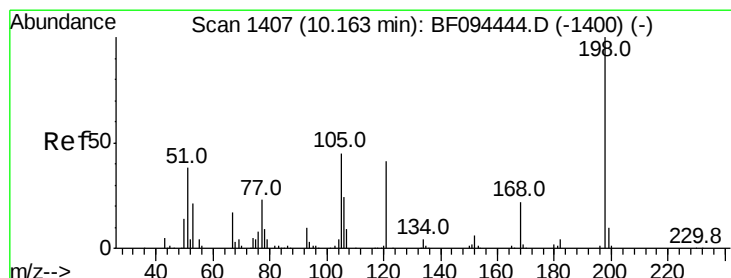
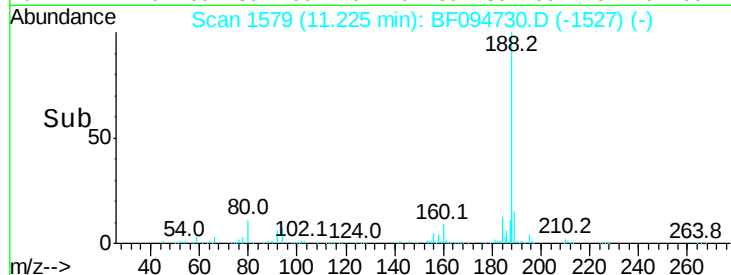
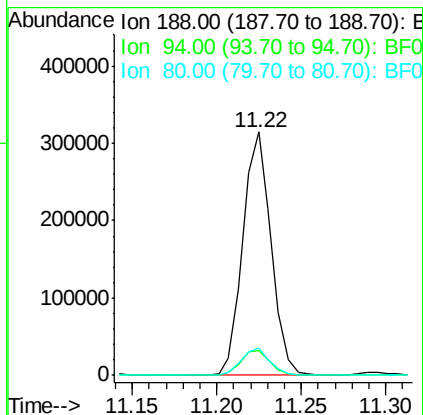
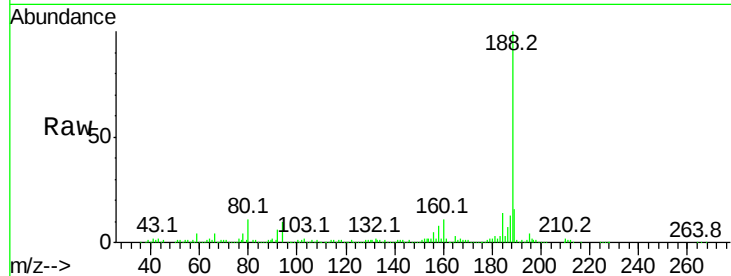




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

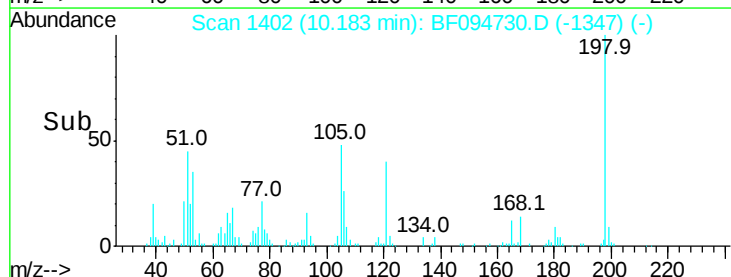
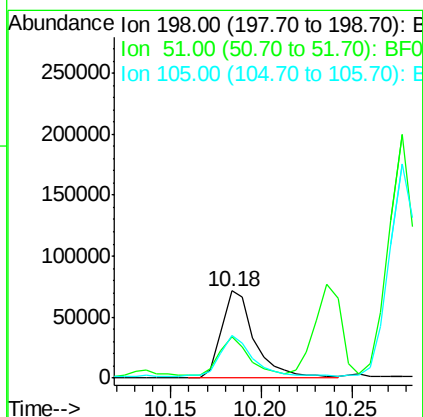
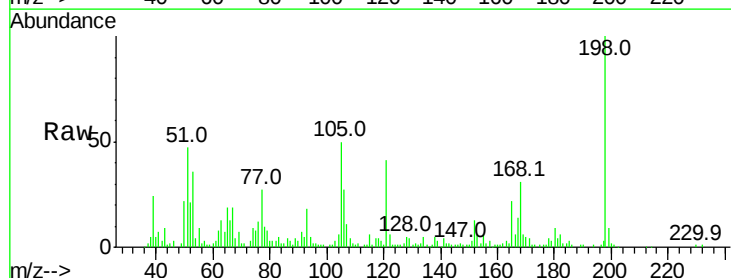
Instrument :
 BNA_F
 ClientSampleId :

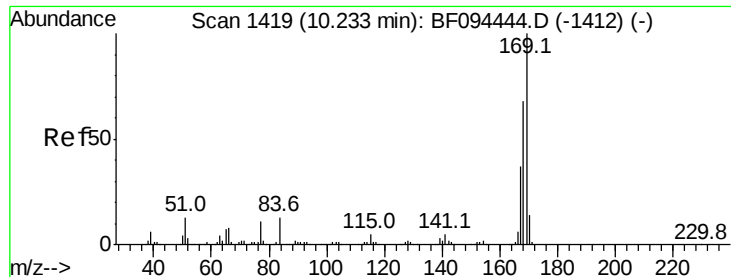
Tot Ion:188 Resp: 367041
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.2 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.65 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. 0.02 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion:198 Resp: 90548
 Ion Ratio Lower Upper
 198 100
 51 47.0 53.2 93.2#
 105 49.6 45.8 85.8

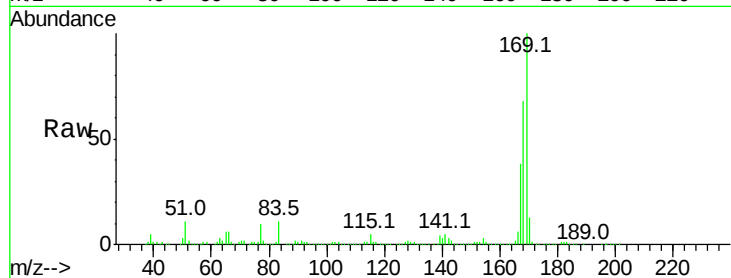




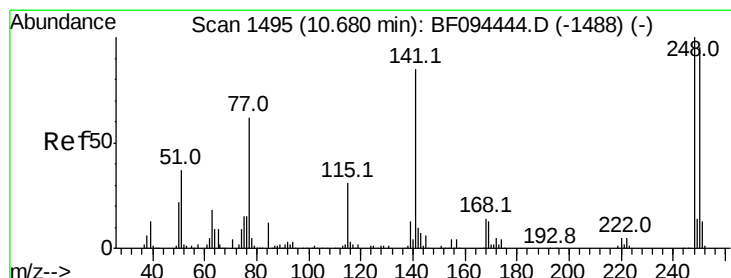
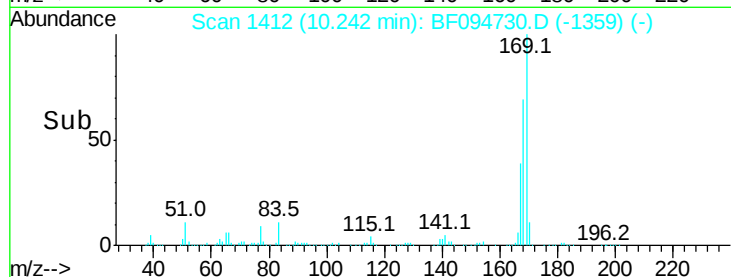
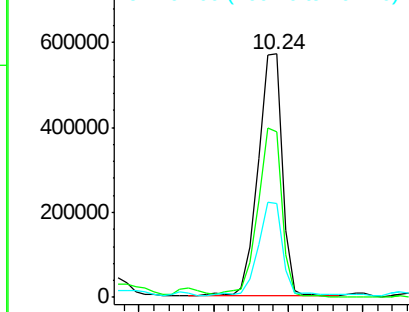
#65
n-Nitrosodiphenylamine
Concen: 49.26 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 628769
Ion Ratio Lower Upper
169 100
168 68.2 53.2 79.8
167 38.5 29.5 44.3

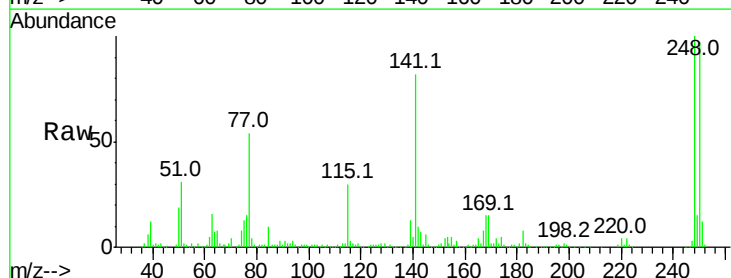


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

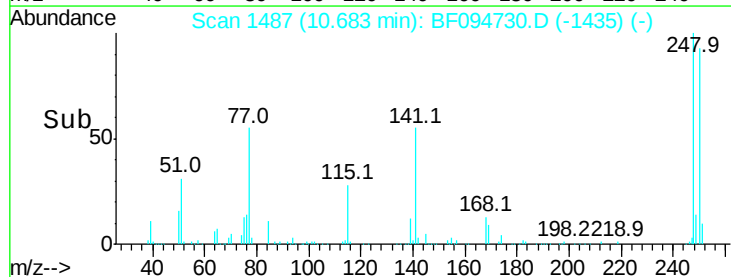
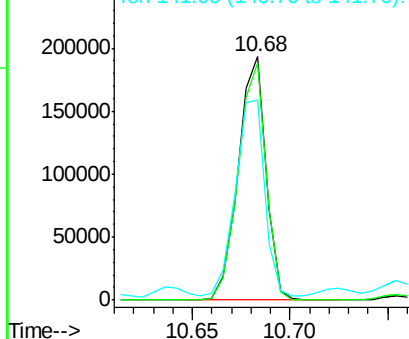


#66
4-Bromophenyl-phenylether
Concen: 52.08 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion:248 Resp: 189793
Ion Ratio Lower Upper
248 100
250 97.4 76.8 115.2
141 82.3 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

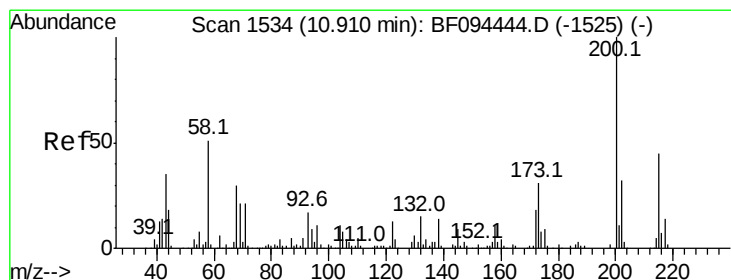
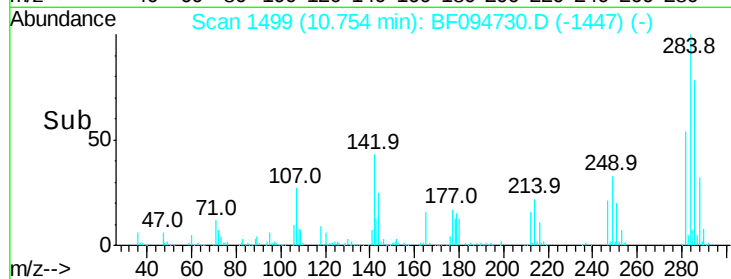
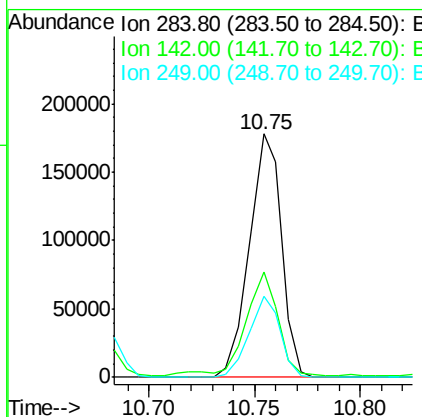
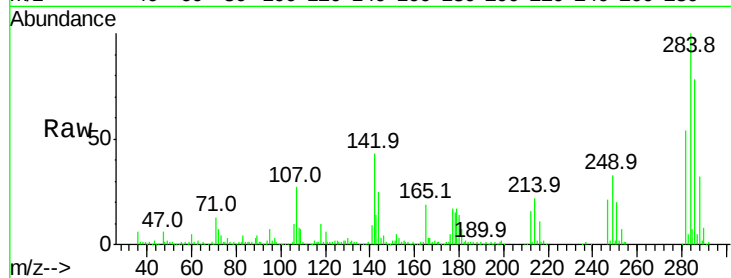




#67
Hexachlorobenzene
Concen: 51.30 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

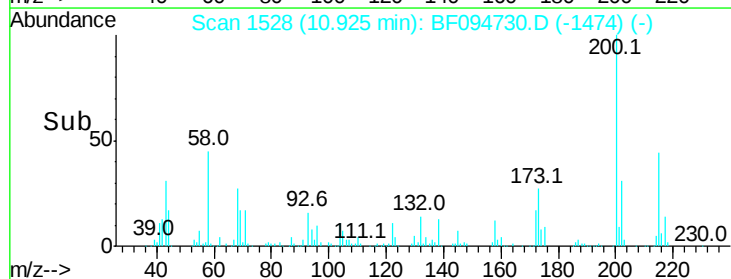
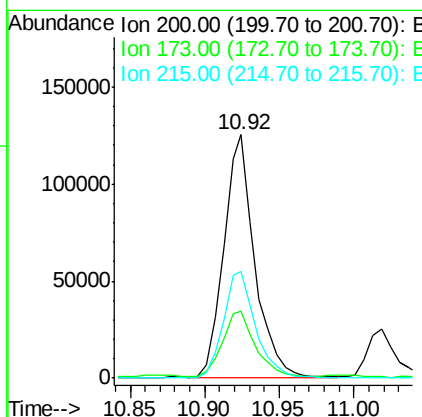
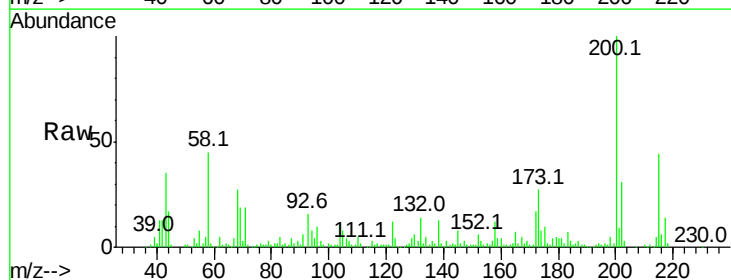
Instrument :
BNA_F
ClientSampleId :

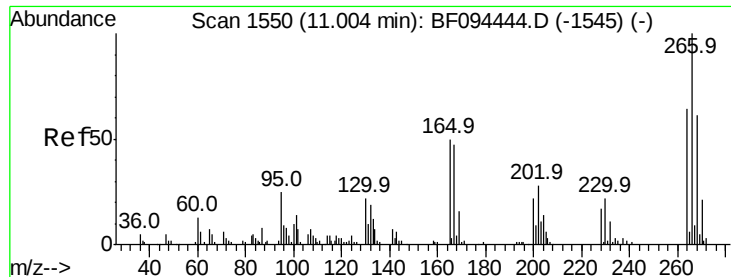
Tot Ion:284 Resp: 188435
Ion Ratio Lower Upper
284 100
142 43.3 22.8 34.2#
249 33.2 24.0 36.0



#68
Atrazine
Concen: 47.45 ng
RT: 10.92 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion:200 Resp: 181205
Ion Ratio Lower Upper
200 100
173 27.3 6.3 46.3
215 43.8 27.2 67.2

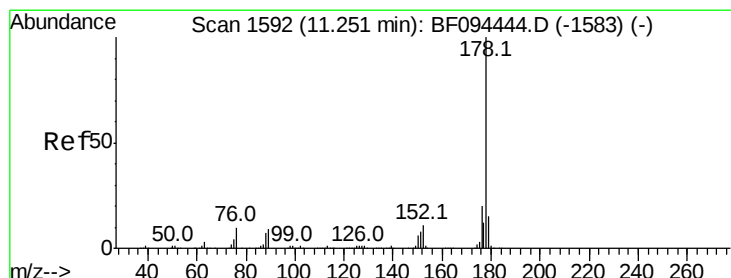
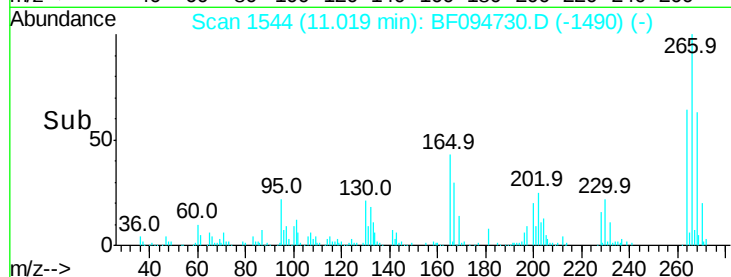
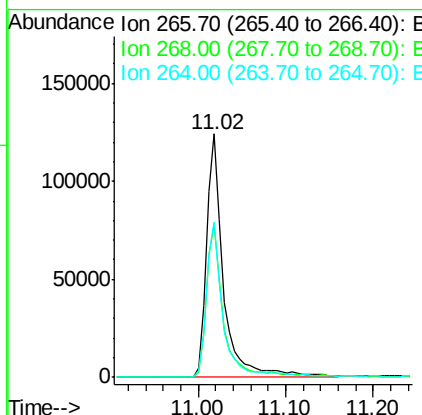
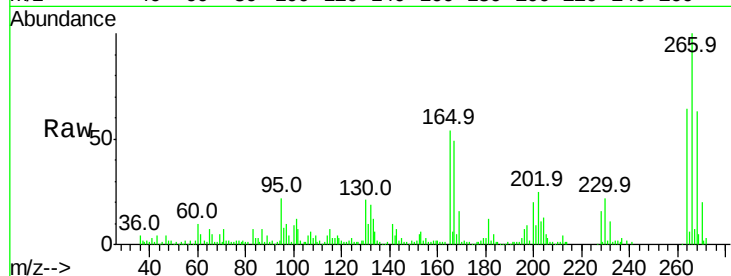




#69
 Pentachlorophenol
 Concen: 115.65 ng
 RT: 11.02 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

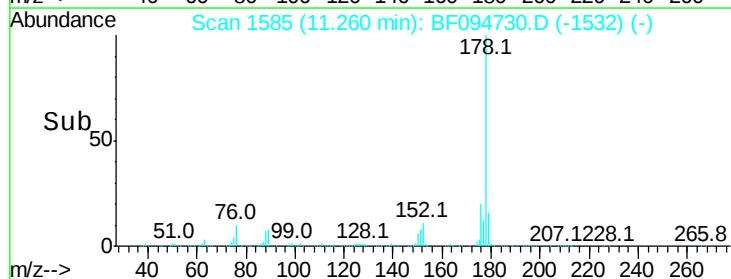
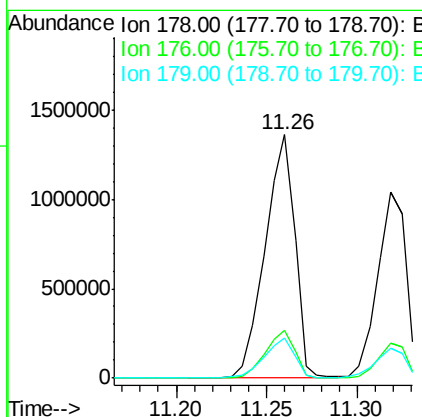
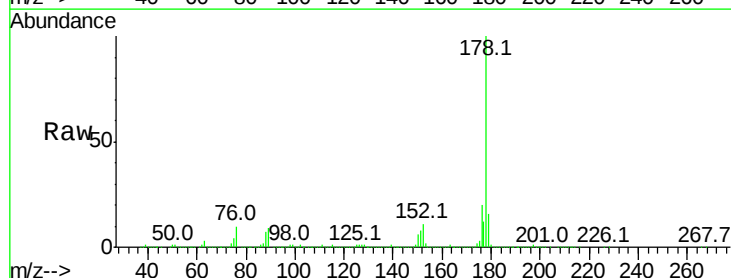
Instrument :
 BNA_F
 ClientSampleId :

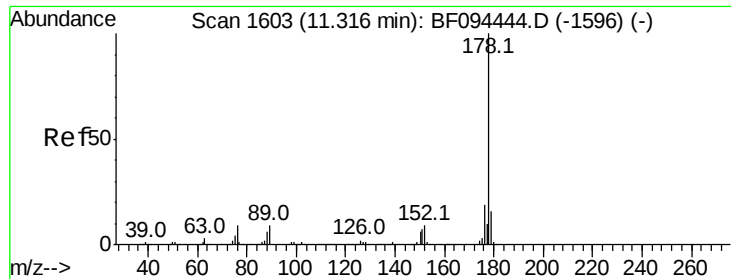
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	63.8	51.7	77.5



#70
 Phenanthrene
 Concen: 74.53 ng
 RT: 11.26 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF094730.D
 Acq: 30 Apr 2017 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	16.3	12.6	19.0





#71

Anthracene

Concen: 52.48 ng

RT: 11.32 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

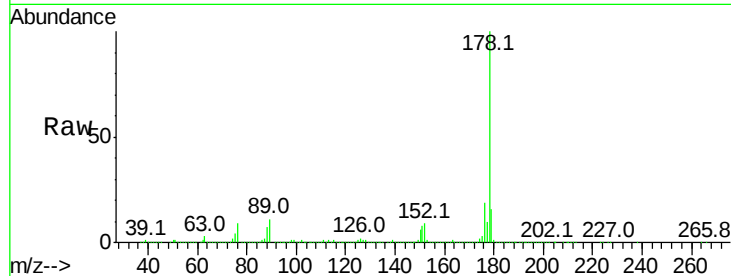
Tot Ion:178 Resp: 1121943

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

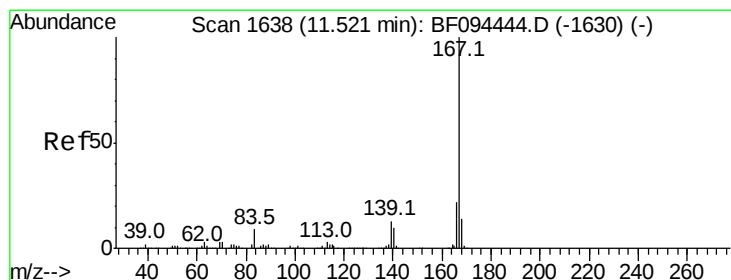
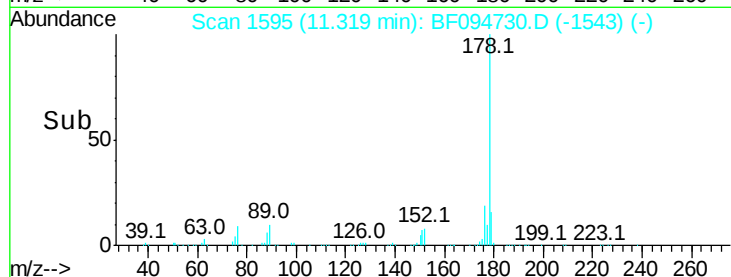
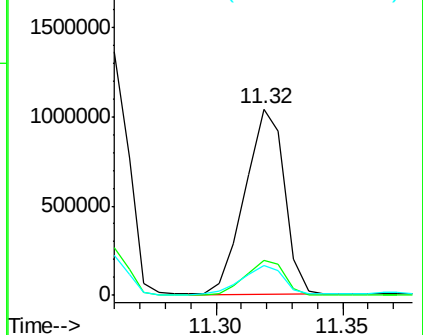
179 16.2 12.7 19.1



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: 43.66 ng

RT: 11.53 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

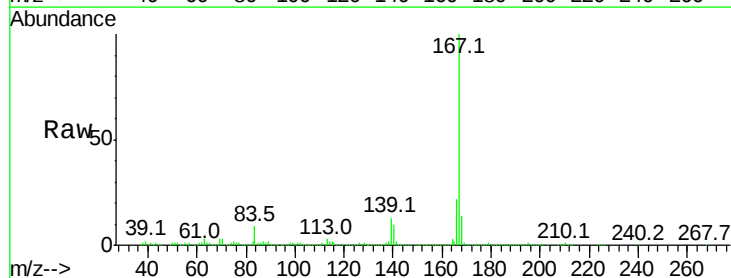
Tgt Ion:167 Resp: 876202

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

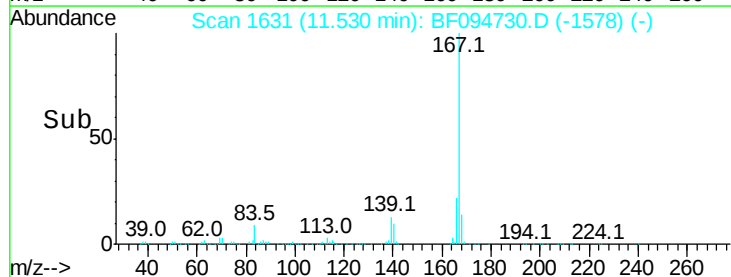
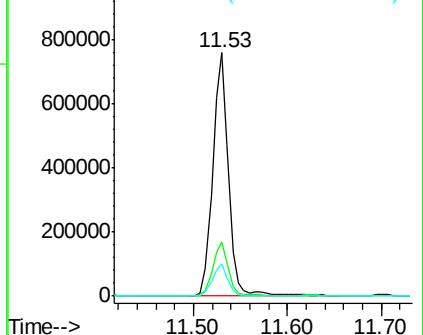
139 13.5 11.7 17.5

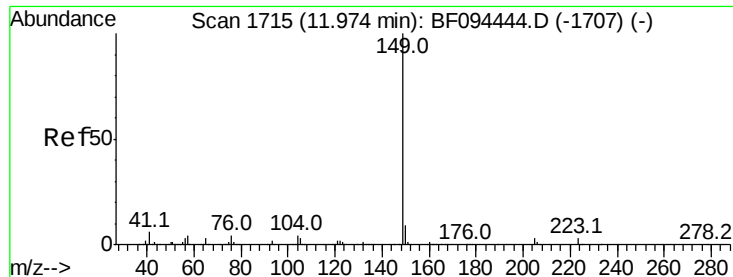


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.17 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

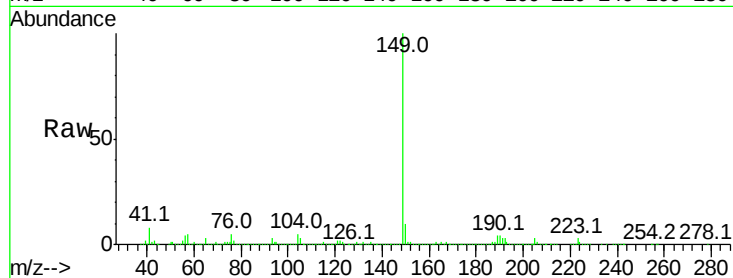
Tot Ion:149 Resp: 1130555

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.7	4.0	6.0

149 100

150 9.6 7.7 11.5

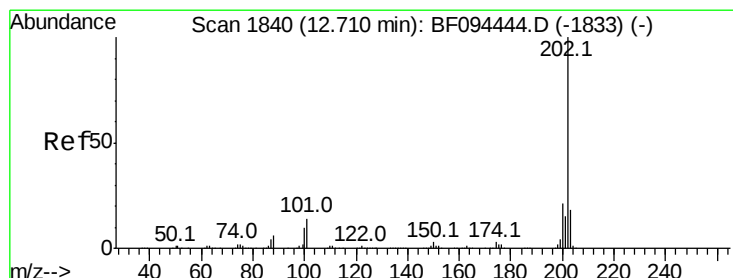
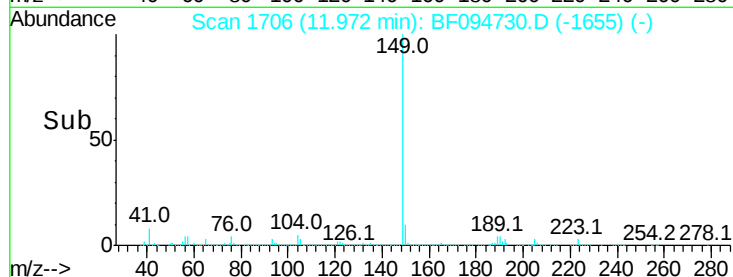
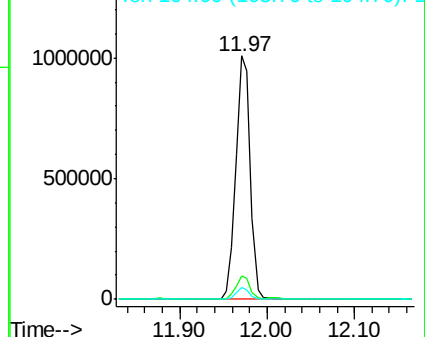
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.59 ng

RT: 12.72 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

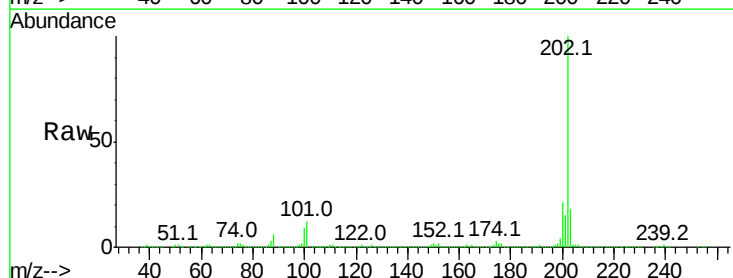
Tgt Ion:202 Resp: 1040775

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	18.2	0.0	38.1

202 100

101 12.3 0.0 33.2

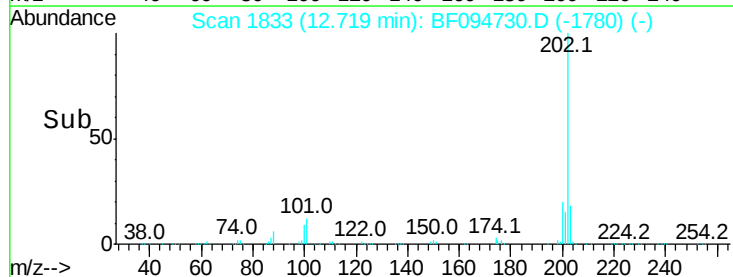
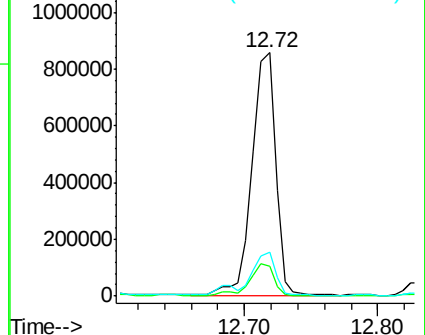
203 18.2 0.0 38.1

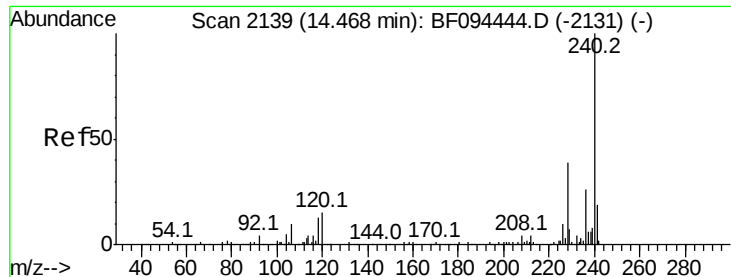


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

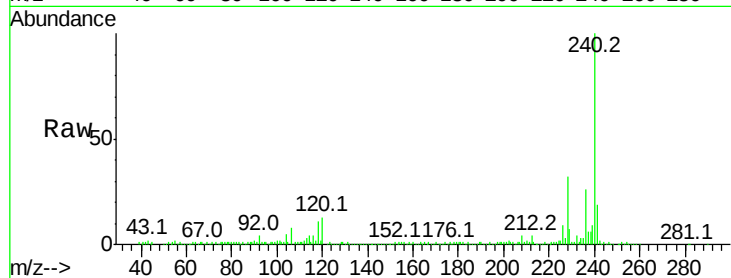
Tot Ion:240 Resp: 233109

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

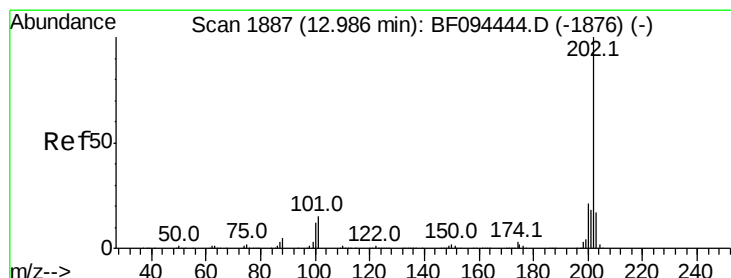
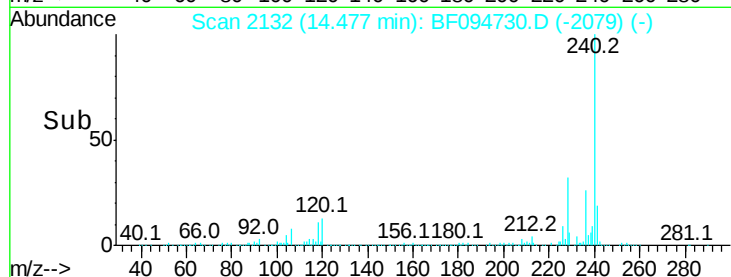
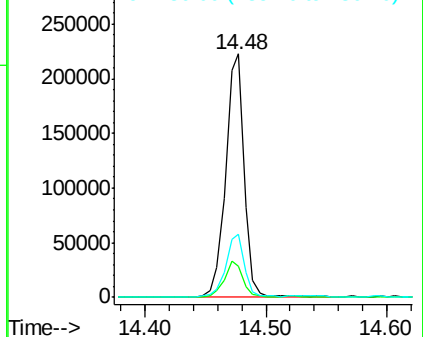
236 25.9 20.5 30.7



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



#77

Pyrene

Concen: 65.91 ng

RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

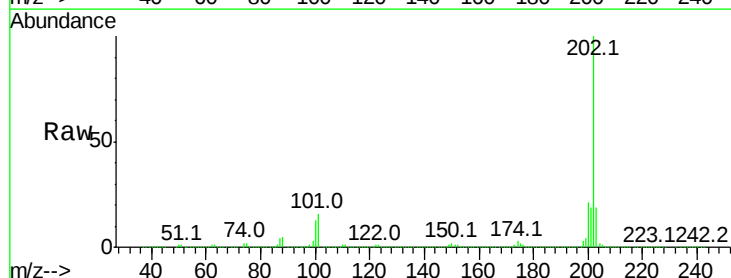
Tgt Ion:202 Resp: 1073370

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

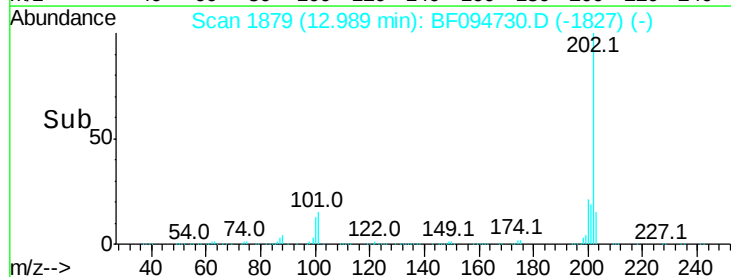
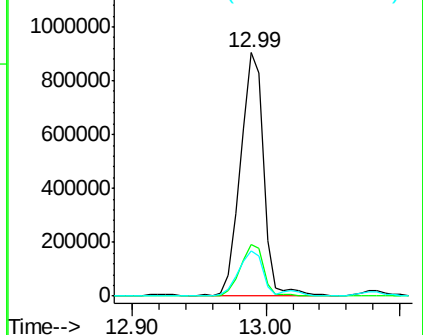
203 18.5 14.4 21.6

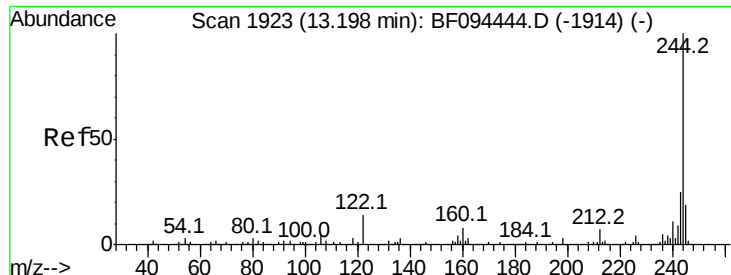


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 114.04 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

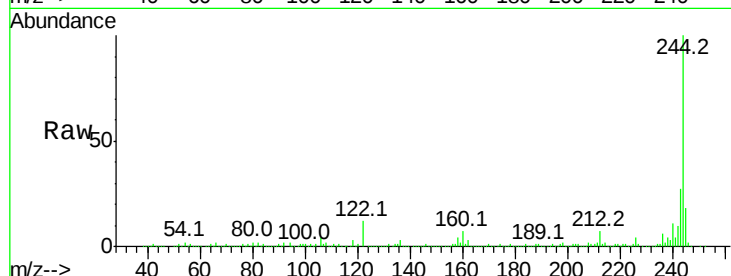
Tot Ion:244 Resp: 994563

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

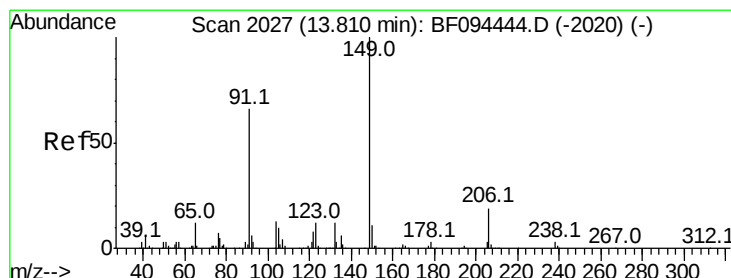
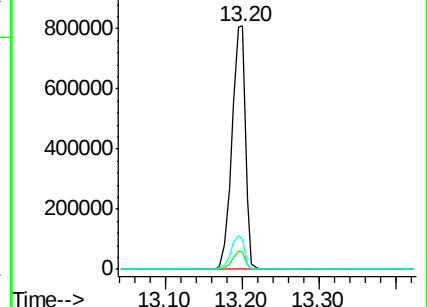
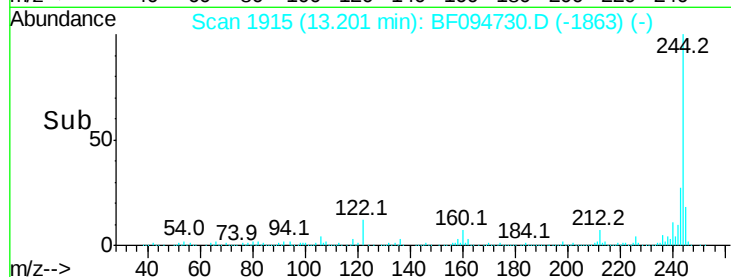
122 12.3 10.3 15.5



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: 56.16 ng

RT: 13.81 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

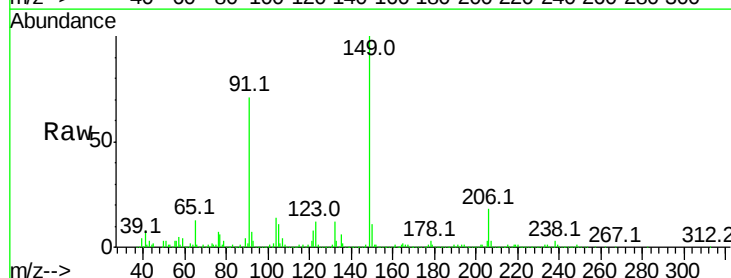
Tgt Ion:149 Resp: 400839

Ion Ratio Lower Upper

149 100

91 71.1 45.0 67.4#

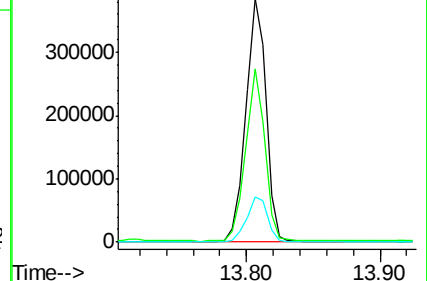
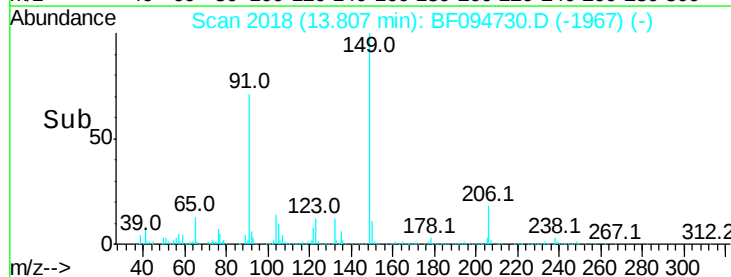
206 18.5 17.0 25.6

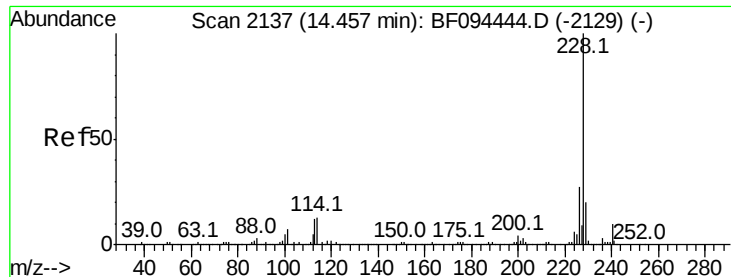


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 52.65 ng

RT: 14.47 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

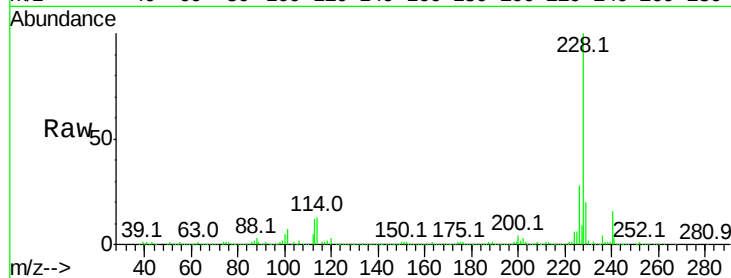
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 713417

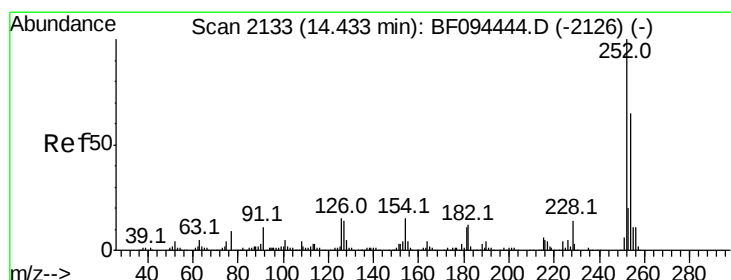
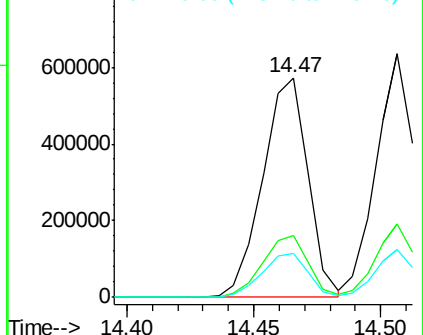
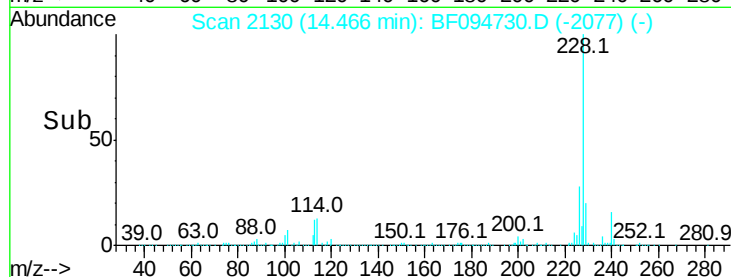
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.1	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 9.65 ng

RT: 14.44 min Scan# 2126

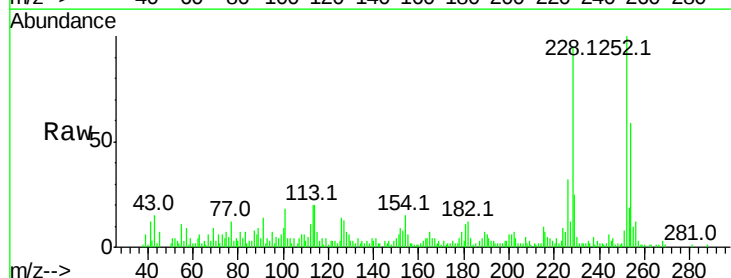
Delta R.T. 0.01 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Tgt Ion:252 Resp: 46307

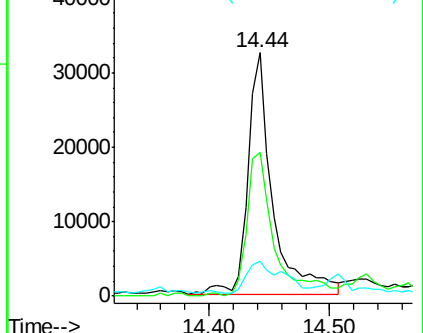
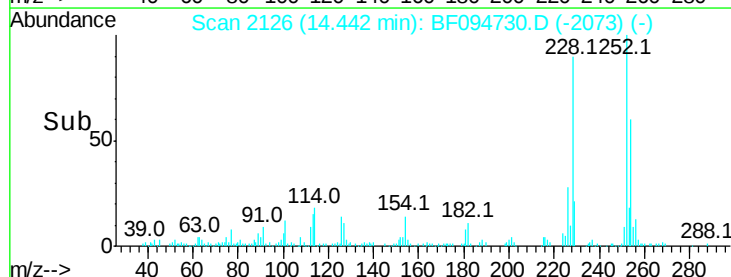
Ion	Ratio	Lower	Upper
252	100		
254	59.2	51.5	77.3
126	14.3	15.8	23.8

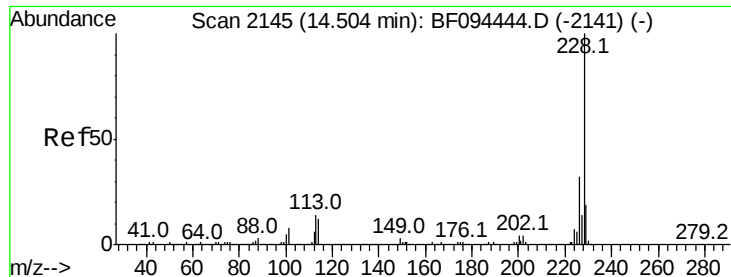


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 52.29 ng

RT: 14.51 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Instrument :

BNA_F

ClientSampleId :

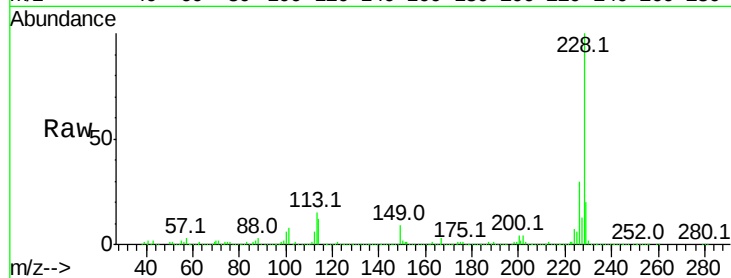
Tot Ion:228 Resp: 647472

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

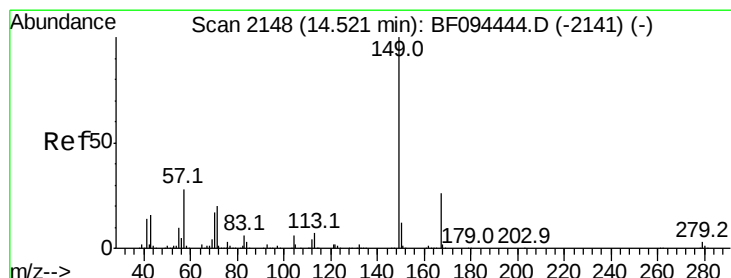
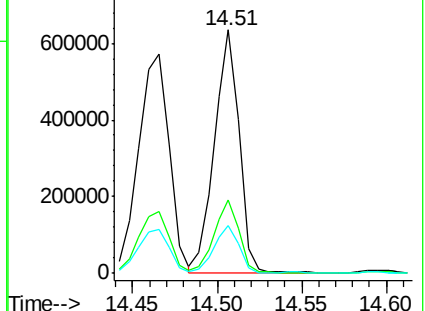
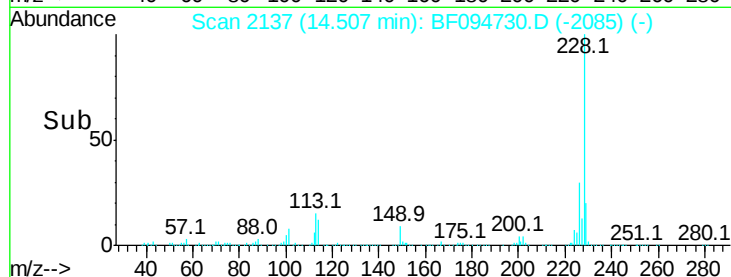
229 19.7 15.8 23.6



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: 62.88 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

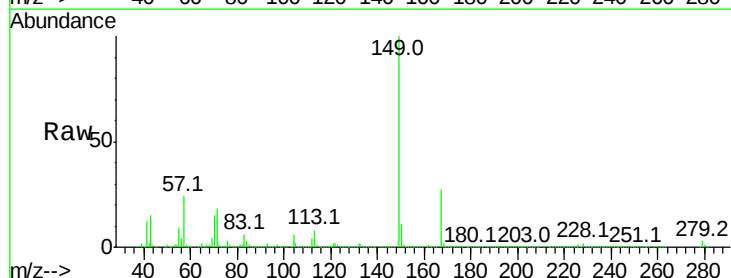
Tgt Ion:149 Resp: 602587

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

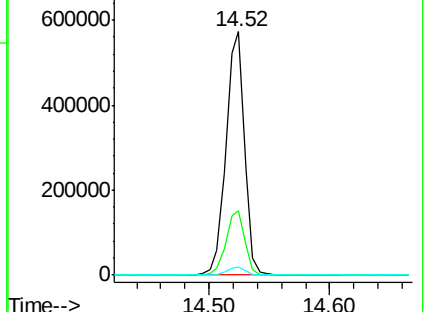
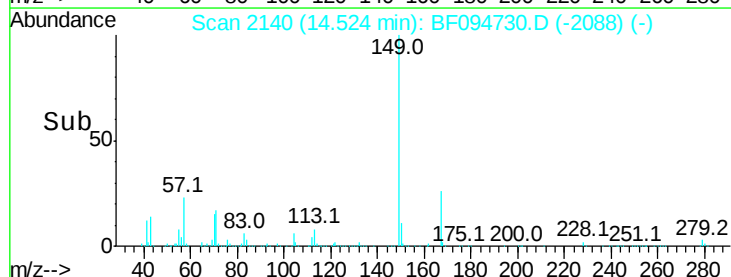
279 3.2 1.9 2.9#

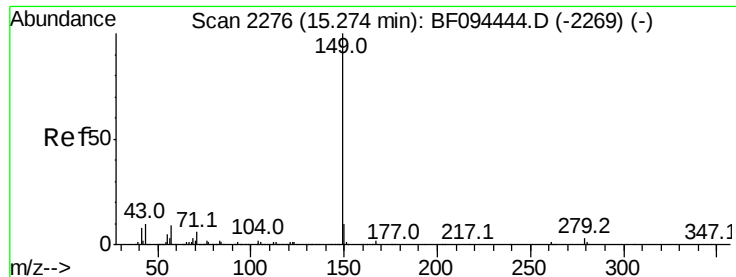


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

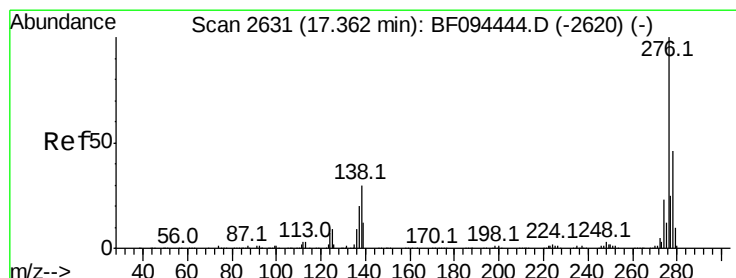
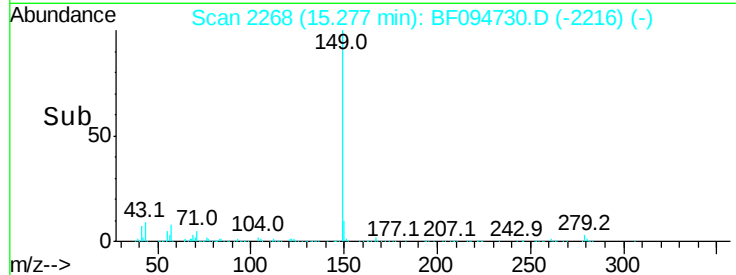
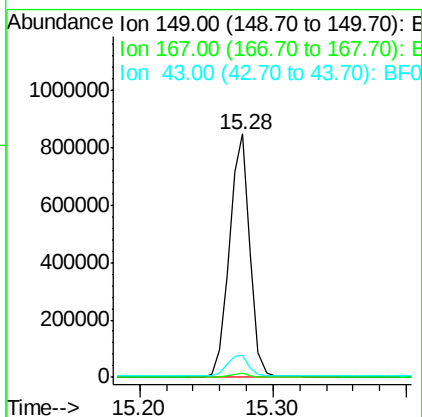
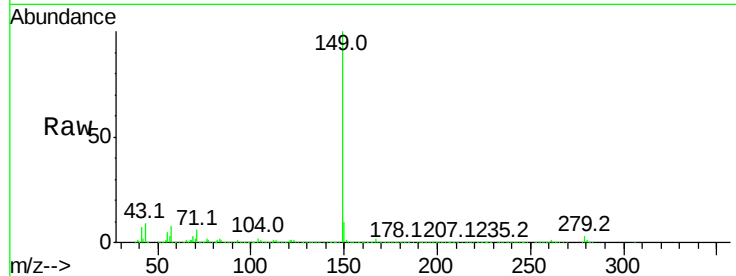




#84
Di-n-octyl phthalate
Concen: 56.66 ng
RT: 15.28 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

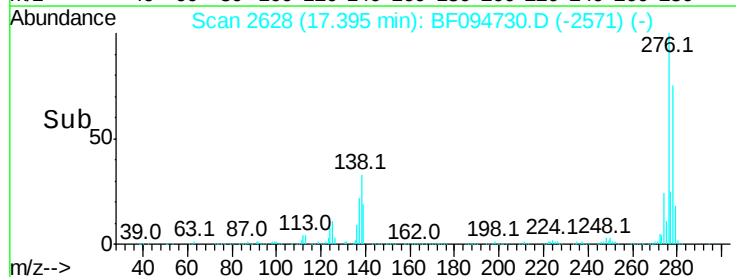
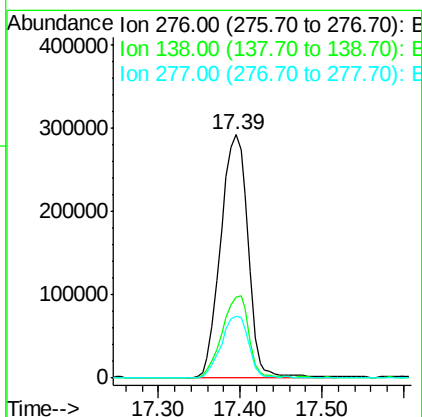
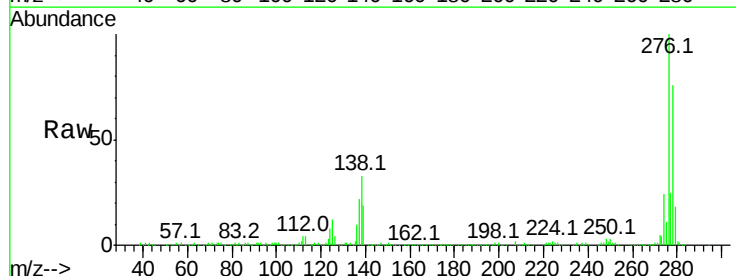
Instrument :
BNA_F
ClientSampleId :

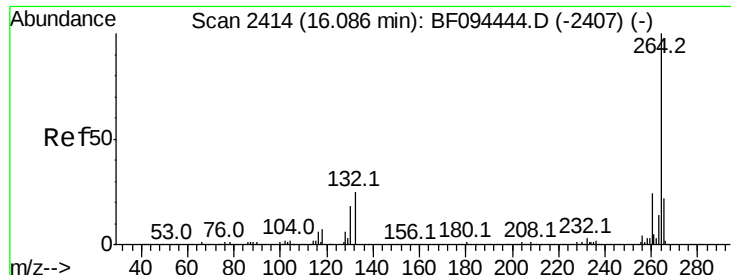
Tot Ion:149 Resp: 910745
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 57.95 ng
RT: 17.39 min Scan# 2628
Delta R.T. 0.03 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion:276 Resp: 682705
Ion Ratio Lower Upper
276 100
138 33.0 27.8 41.6
277 25.0 20.2 30.4

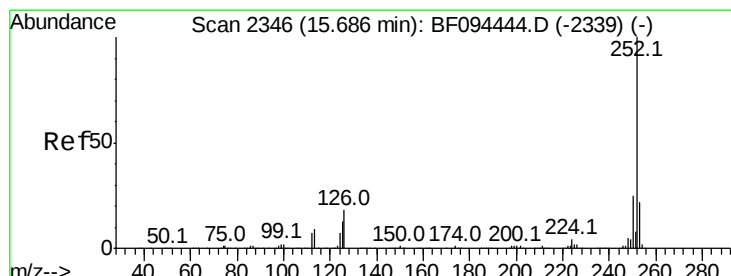
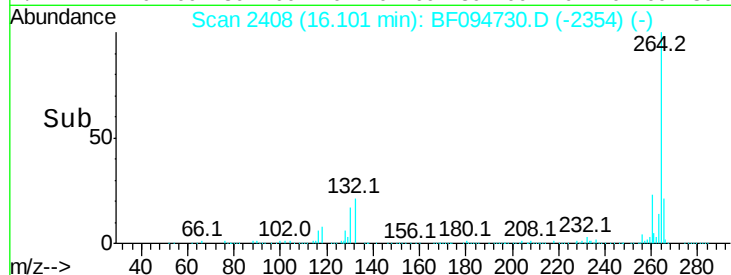
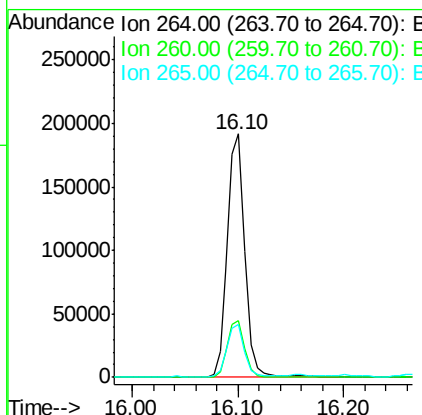
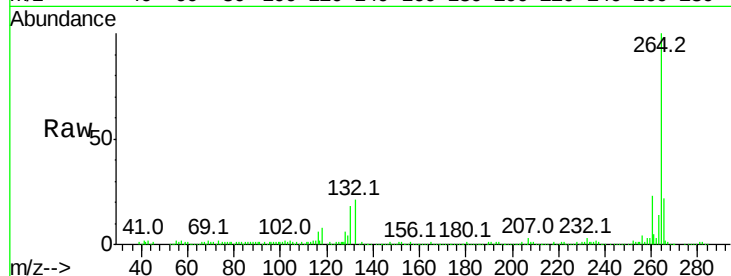




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

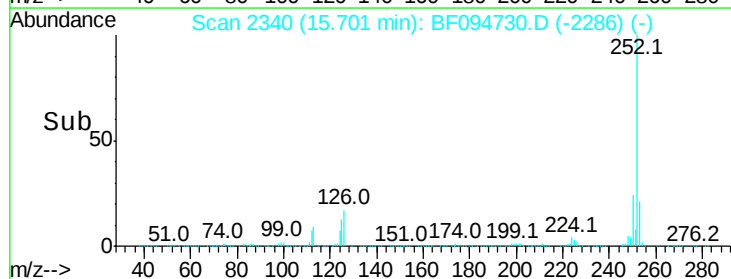
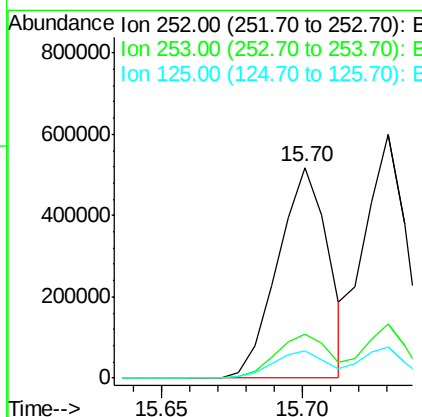
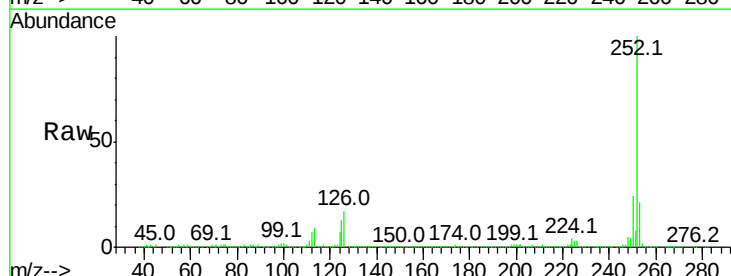
Instrument :
BNA_F
ClientSampled :

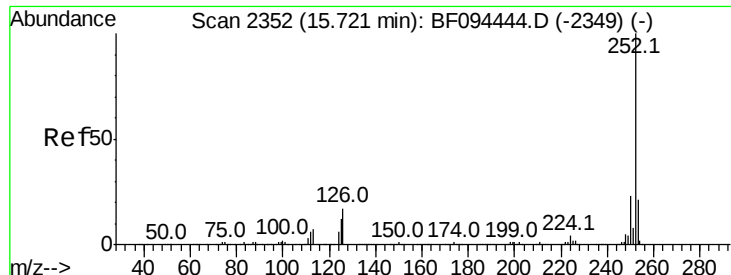
Tot Ion:264 Resp: 220005
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 21.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 47.60 ng
RT: 15.70 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion:252 Resp: 640673
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 13.0 9.8 14.8

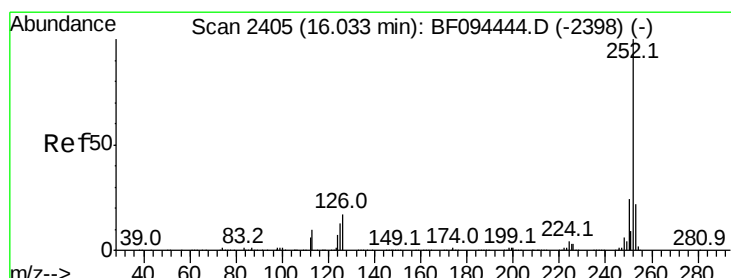
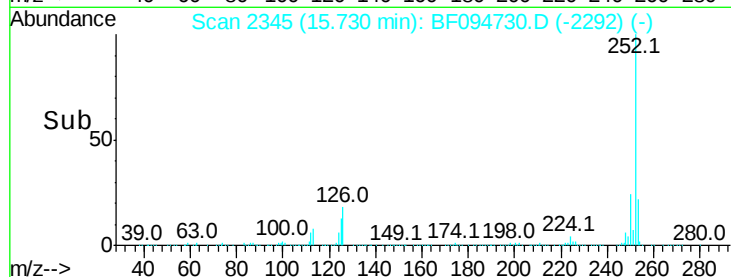
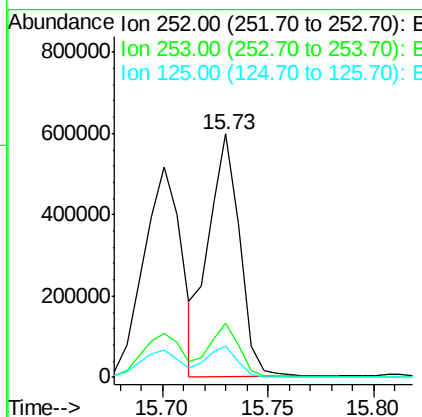
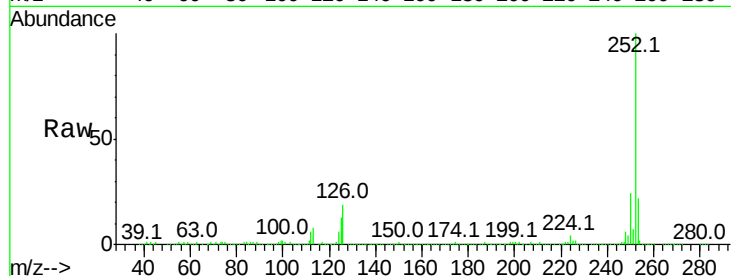




#88
Benzo(k)fluoranthene
Concen: 47.92 ng
RT: 15.73 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

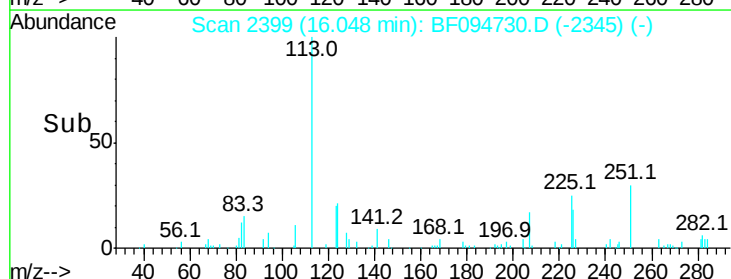
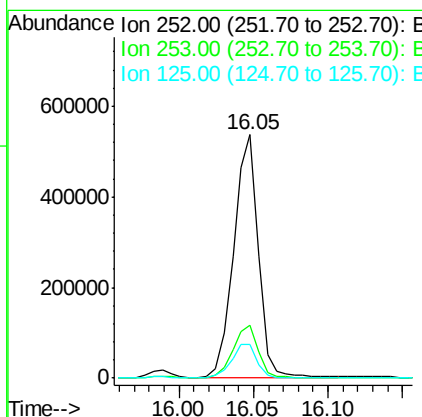
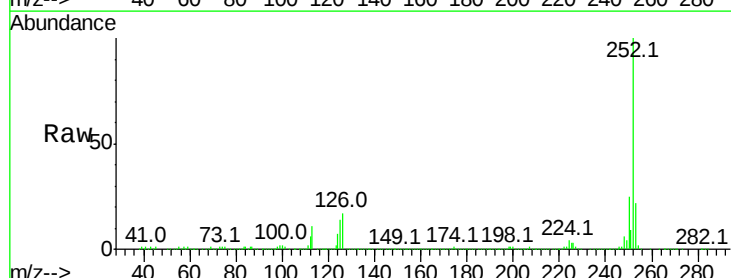
Instrument :
BNA_F
ClientSampleId :

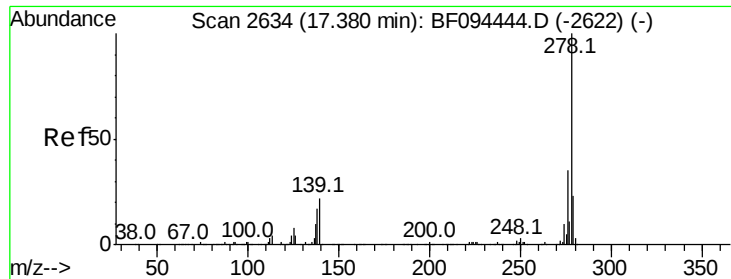
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	12.9	13.1	19.7#



#89
Benzo(a)pyrene
Concen: 49.22 ng
RT: 16.05 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BF094730.D
Acq: 30 Apr 2017 22:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	13.8	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 53.36 ng

RT: 17.41 min Scan# 2630

Delta R.T. 0.03 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

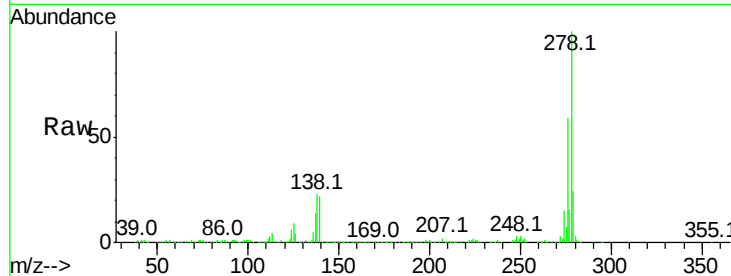
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 554717

Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	23.7	19.3	28.9

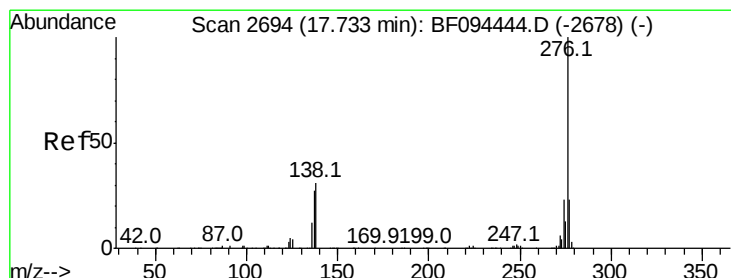
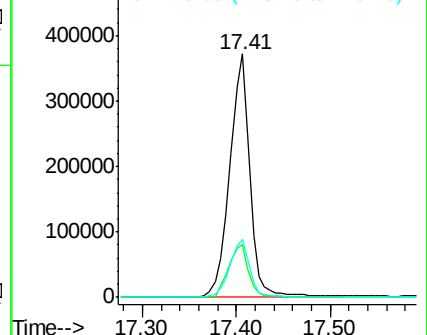
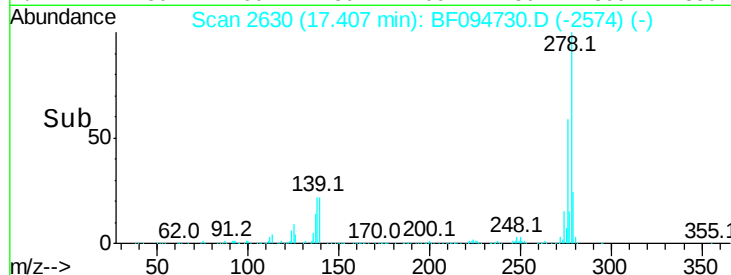


Abundance

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(g,h,i)perylene

Concen: 54.86 ng

RT: 17.77 min Scan# 2692

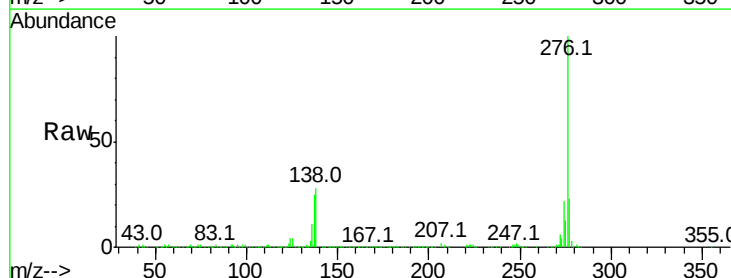
Delta R.T. 0.04 min

Lab File: BF094730.D

Acq: 30 Apr 2017 22:19

Tgt Ion:276 Resp: 580710

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	28.0	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

