

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094646.D
 Acq On : 26 Apr 2017 14:58
 Operator : SJ/MA
 Sample : I2805-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:22:26 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	5.76	152	127767	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	529862	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	248524	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	460290	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	382941	20.00	ng	0.00
86) Perylene-d12	16.08	264	240299	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	954500	123.94	ng	0.02
7) Phenol-d6	5.40	99	1159518	127.72	ng	0.00
23) Nitrobenzene-d5	6.41	82	799030	93.12	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	293049	150.75	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1457371	86.28	ng	0.00
78) Terphenyl-d14	13.19	244	1419354	99.07	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	118106	26.37	ng	96
3) Pyridine	2.68	79	292018	29.83	ng	99
4) n-Nitrosodimethylamine	2.62	42	157893	38.98	ng	85
6) Aniline	5.40	93	121781	10.09	ng	# 3
8) 2-Chlorophenol	5.53	128	386594	44.12	ng	97
9) Benzaldehyde	5.26	77	71377	10.33	ng	96
10) Phenol	5.41	94	419560	37.62	ng	91
11) bis(2-Chloroethyl)ether	5.47	93	363136	44.57	ng	99
12) 1,3-Dichlorobenzene	5.69	146	390000	40.17	ng	98
13) 1,4-Dichlorobenzene	5.78	146	393434	40.28	ng	96
14) 1,2-Dichlorobenzene	5.95	146	367711	40.87	ng	96
15) Benzyl Alcohol	5.94	79	257643	38.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	469464	43.95	ng	51
17) 2-Methylphenol	6.08	107	306544	44.41	ng	# 91
18) Hexachloroethane	6.34	117	136415	40.74	ng	# 87
19) n-Nitroso-di-n-propylamine	6.25	70	285261	47.42	ng	93
20) 3+4-Methylphenols	6.27	107	432294	46.09	ng	# 63
22) Acetophenone	6.24	105	562560	43.66	ng	# 85
24) Nitrobenzene	6.43	77	400012	44.27	ng	95
25) Isophorone	6.72	82	736976	46.33	ng	95
26) 2-Nitrophenol	6.80	139	223061	45.95	ng	95
27) 2,4-Dimethylphenol	6.88	122	353740	44.86	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	457459	44.46	ng	98
29) 2,4-Dichlorophenol	7.11	162	346037	47.17	ng	99
30) 1,2,4-Trichlorobenzene	7.19	180	318386	41.98	ng	98
31) Naphthalene	7.28	128	1091396	42.85	ng	100
32) Benzoic acid	7.08	122	186788	44.79	ng	95
33) 4-Chloroaniline	7.36	127	53112	5.01	ng	# 93
34) Hexachlorobutadiene	7.43	225	161307	42.66	ng	98
35) Caprolactam	7.84	113	41973	18.21	ng	91
36) 4-Chloro-3-methylphenol	7.98	107	366255	47.64	ng	89
37) 2-Methylnaphthalene	8.12	142	787618	45.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	299031	42.25	ng	99
40) Hexachlorocyclopentadiene	8.31	237	274558	95.90	ng	99

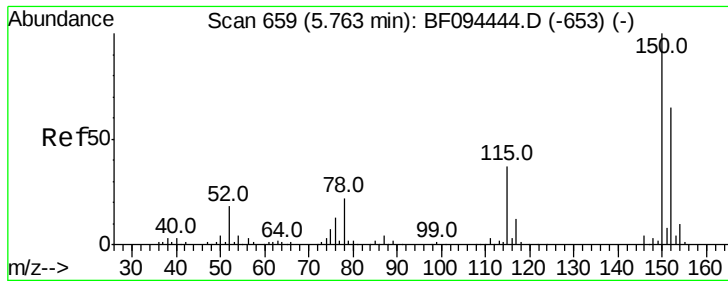
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094646.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	232540	46.79	nq	97
43) 2,4,5-Trichlorophenol	8.54	196	243356	47.68	nq	93
45) 1,1'-Biphenyl	8.69	154	879620	43.32	nq	98
46) 2-Chloronaphthalene	8.71	162	710297	43.99	nq	96
47) 2-Nitroaniline	8.85	65	211447	45.53	nq	# 85
48) Acenaphthylene	9.21	152	1100737	43.73	nq	98
49) Dimethylphthalate	9.09	163	926083	50.00	nq	100
50) 2,6-Dinitrotoluene	9.16	165	201465	48.46	nq	97
51) Acenaphthene	9.42	154	672441	44.61	nq	99
52) 3-Nitroaniline	9.35	138	51708	10.75	nq	88
53) 2,4-Dinitrophenol	9.51	184	189958	83.91	nq	# 62
54) Dibenzofuran	9.64	168	991683	45.26	nq	98
55) 4-Nitrophenol	9.64	139	636423	187.30	nq	# 33
56) 2,4-Dinitrotoluene	9.65	165	267718	52.48	nq	# 84
57) Fluorene	10.06	166	763169	44.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.81	232	180735	49.41	nq	97
59) Diethylphthalate	9.95	149	868058	49.67	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	332666	46.85	nq	95
61) 4-Nitroaniline	10.12	138	155192	31.74	nq	97
62) Azobenzene	10.27	77	813455	47.94	nq	94
64) 4,6-Dinitro-2-methylphenol	10.16	198	138124	45.80	nq	# 71
65) n-Nitrosodiphenylamine	10.22	169	514132	32.12	nq	97
66) 4-Bromophenyl-phenylether	10.67	248	214826	47.00	nq	98
67) Hexachlorobenzene	10.74	284	215031	46.68	nq	# 84
68) Atrazine	10.90	200	114075	23.82	nq	97
69) Pentachlorophenol	11.00	266	208038	113.75	nq	98
70) Phenanthrene	11.24	178	1162715	44.86	nq	99
71) Anthracene	11.30	178	1212861	45.24	nq	99
72) Carbazole	11.51	167	797073	31.67	nq	98
73) Di-n-butylphthalate	11.96	149	1382106	49.88	nq	99
74) Fluoranthene	12.70	202	1214654	45.21	nq	99
77) Pyrene	12.98	202	1215801	45.44	nq	99
79) Butylbenzylphthalate	13.79	149	613299	52.31	nq	# 85
80) Benzo(a)anthracene	14.45	228	1033351	46.43	nq	98
81) 3,3'-Dichlorobenzidine	14.42	252	26551	3.37	nq	# 92
82) Chrysene	14.49	228	931076	45.77	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	872801	55.44	nq	# 100
84) Di-n-octyl phthalate	15.27	149	1469877	55.66	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	735602	38.01	nq	99
87) Benzo(b)fluoranthene	15.69	252	887116	60.35	nq	99
88) Benzo(k)fluoranthene	15.72	252	838291	60.26	nq	96
89) Benzo(a)pyrene	16.03	252	763439	55.82	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	617761	54.40	nq	99
91) Benzo(g,h,i)perylene	17.74	276	608589	52.64	nq	97

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

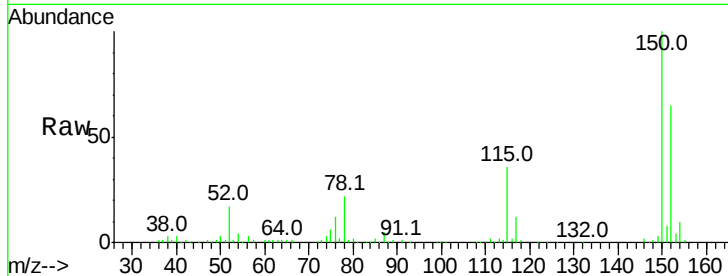


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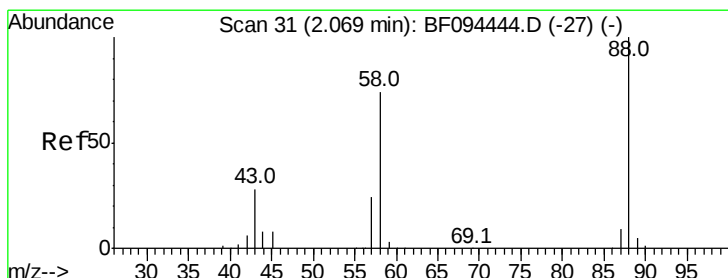
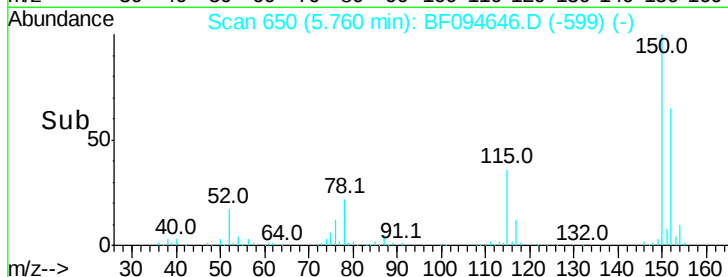
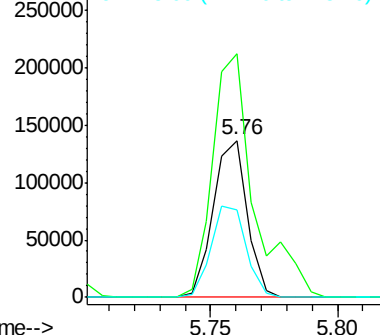
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127767
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 55.9 52.2 78.2



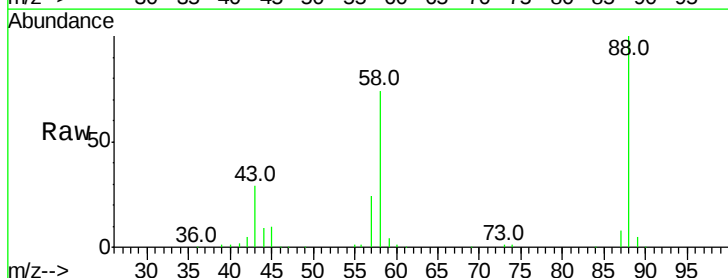
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



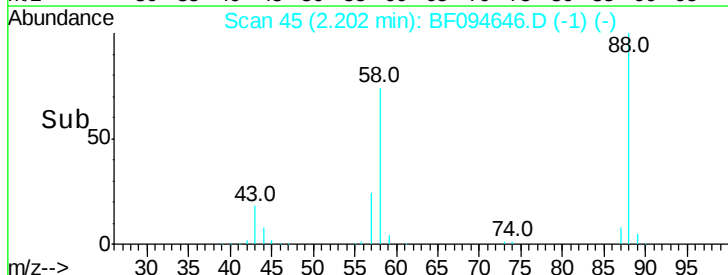
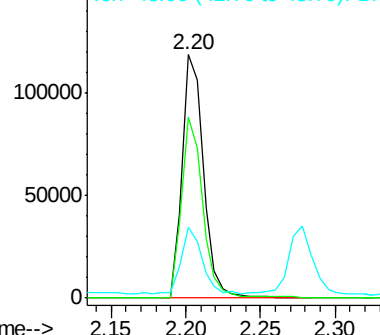
#2

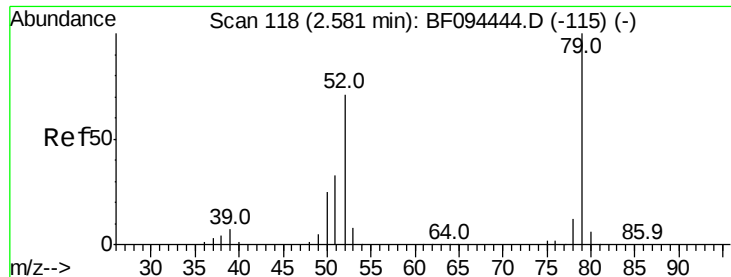
1,4-Dioxane
Concen: 26.37 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.13 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion: 88 Resp: 118106
Ion Ratio Lower Upper
88 100
58 73.6 61.4 92.0
43 26.2 23.4 35.0



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





#3

Pvridine

Concen: 29.83 ng

RT: 2.68 min Scan# 127

Delta R.T. 0.10 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

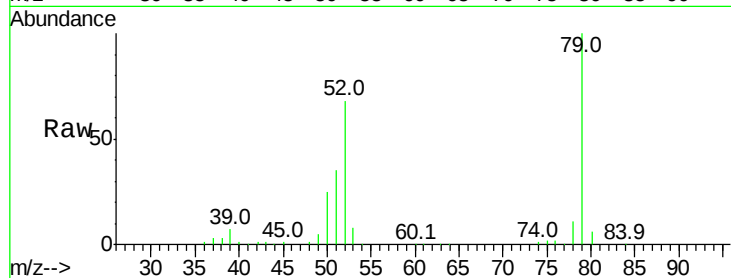
Tot Ion: 79 Resp: 292018

Ion Ratio Lower Upper

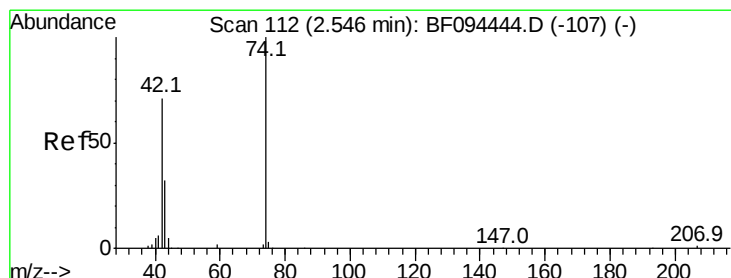
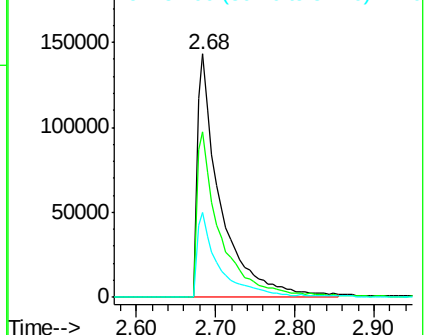
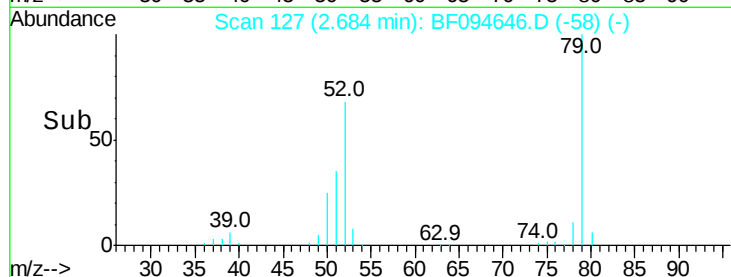
79 100

52 67.8 54.8 82.2

51 34.9 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.98 ng

RT: 2.62 min Scan# 116

Delta R.T. 0.07 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

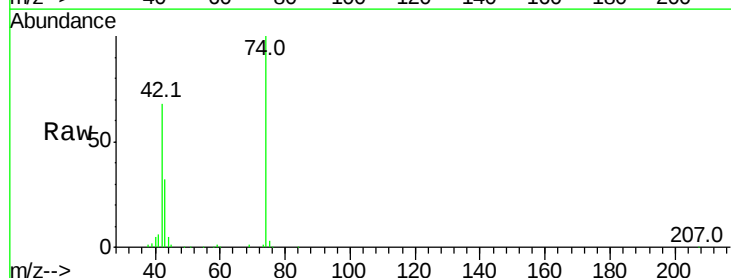
Tgt Ion: 42 Resp: 157893

Ion Ratio Lower Upper

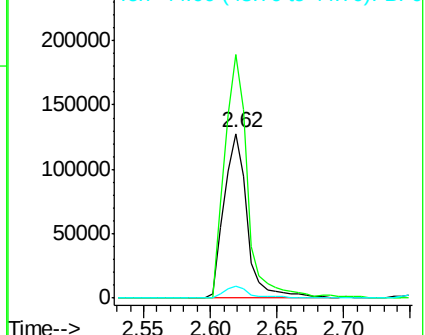
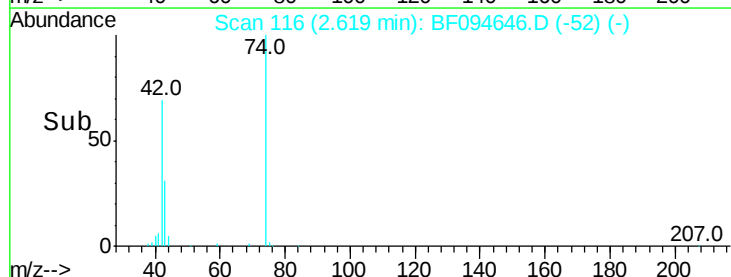
42 100

74 147.7 103.9 155.9

44 7.5 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.94 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.02 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampled :

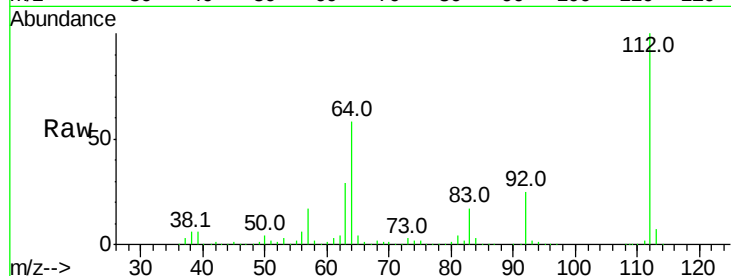
Tot Ion:112 Resp: 954500

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

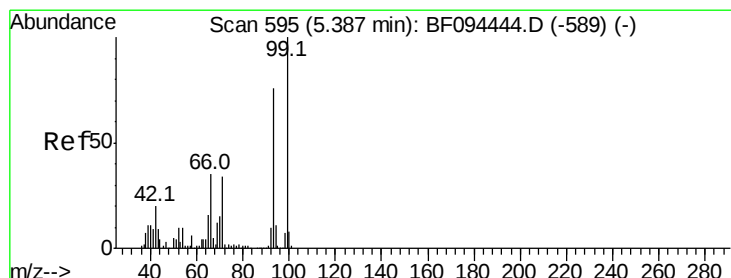
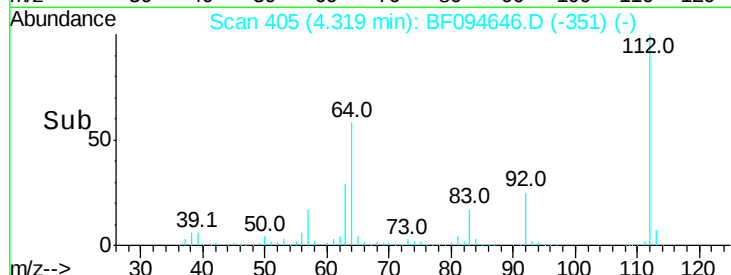
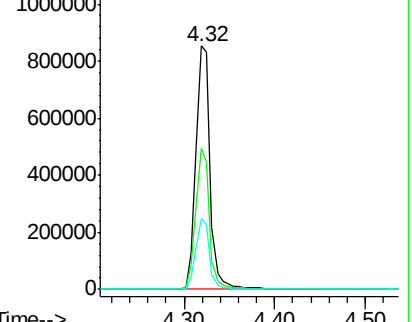
63 29.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.09 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

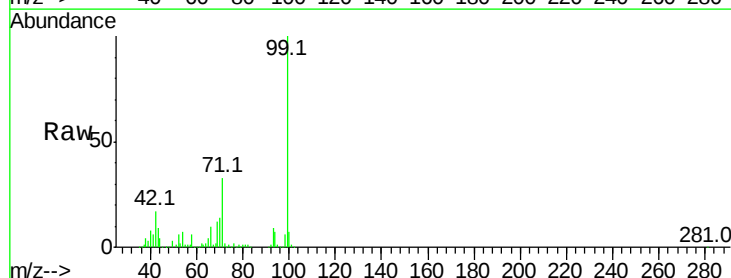
Tgt Ion: 93 Resp: 121781

Ion Ratio Lower Upper

93 100

66 112.6 32.9 49.3#

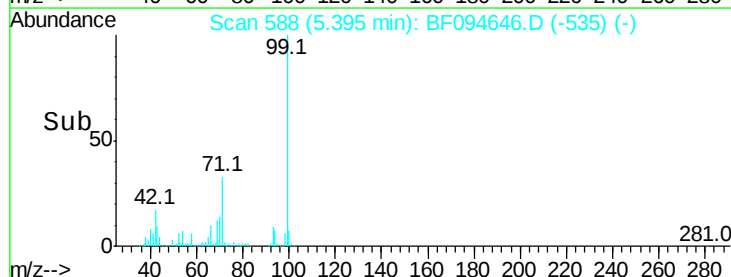
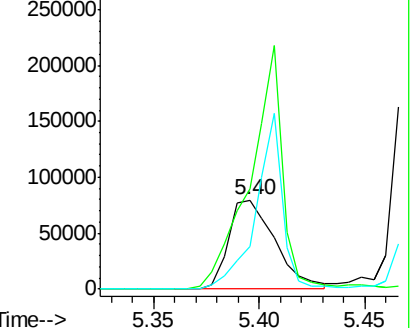
65 48.3 16.0 24.0#

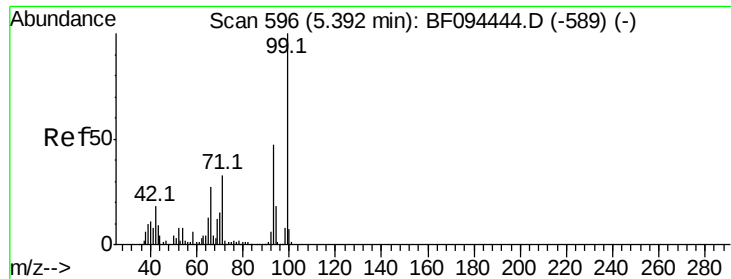


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.72 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

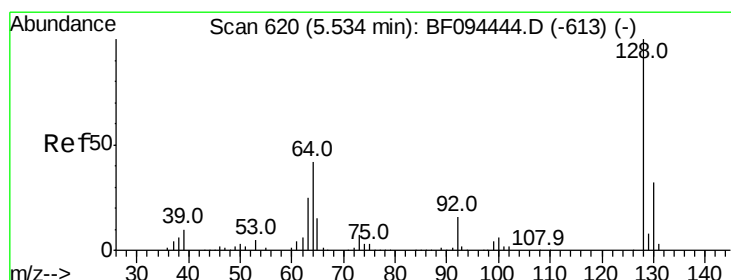
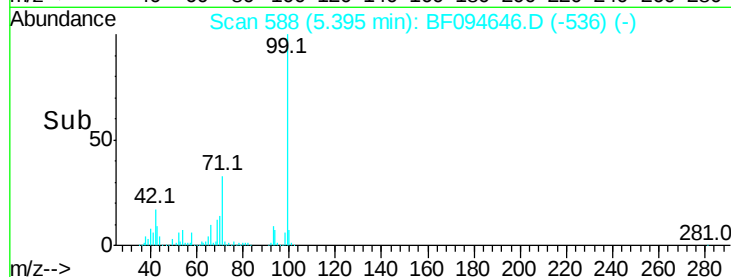
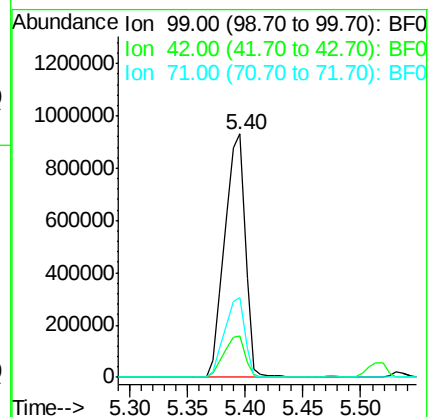
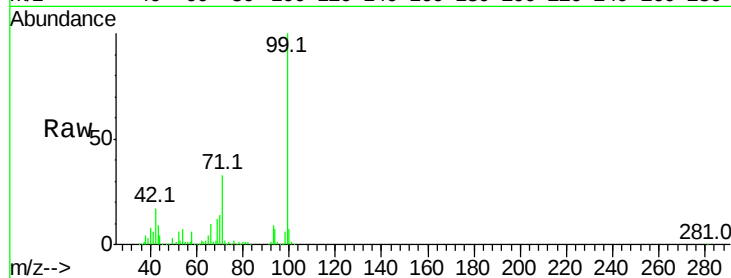
Tot Ion: 99 Resp: 1159518

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 32.7 24.5 36.7



#8

2-Chlorophenol

Concen: 44.12 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

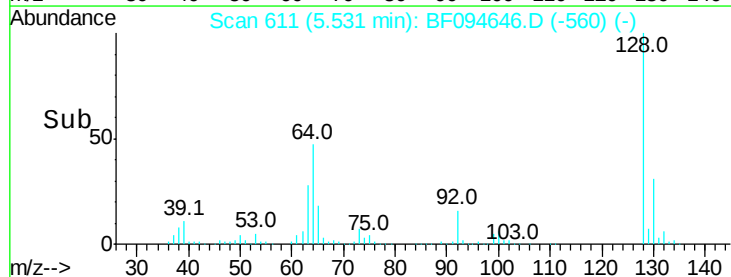
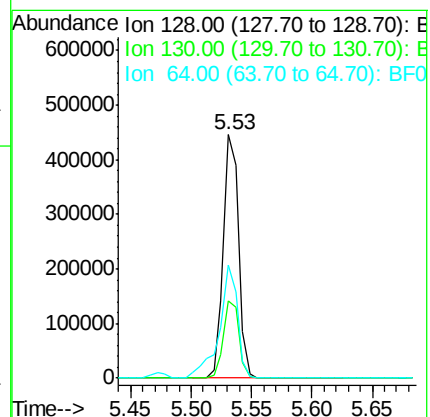
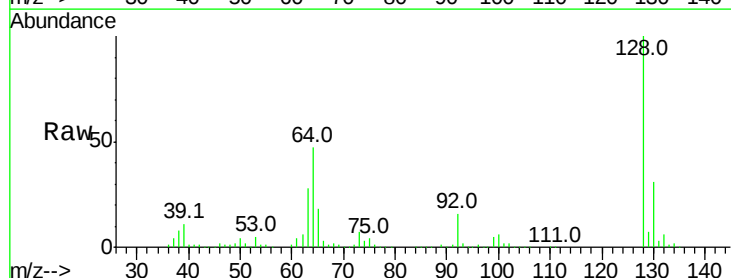
Tgt Ion:128 Resp: 386594

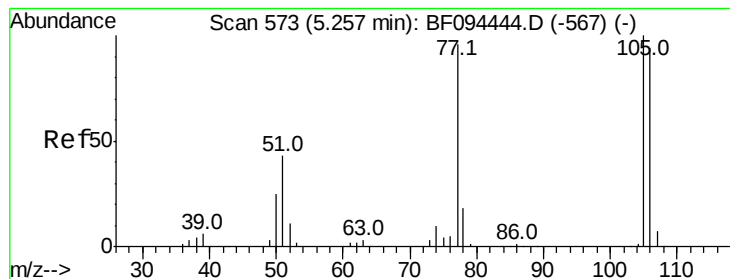
Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

64 46.7 28.4 68.4





#9

Benzaldehyde

Concen: 10.33 ng

RT: 5.26 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

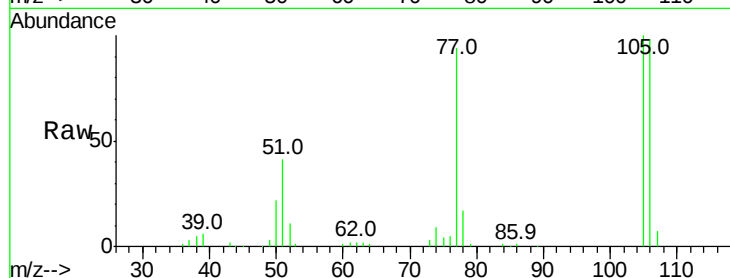
Tot Ion: 77 Resp: 71377

Ion Ratio Lower Upper

77 100

105 106.9 83.8 123.8

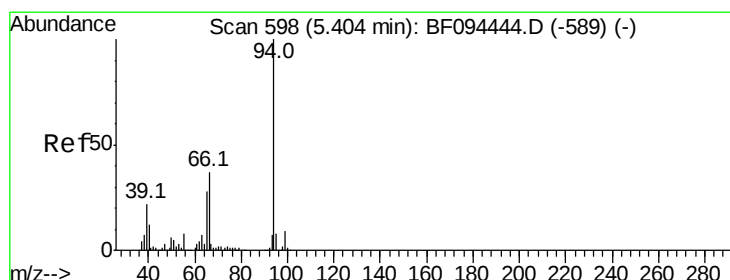
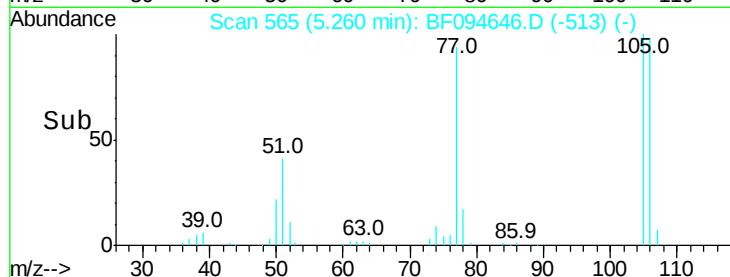
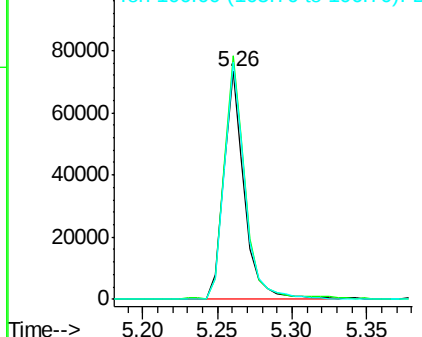
106 104.2 79.1 119.1



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: 37.62 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

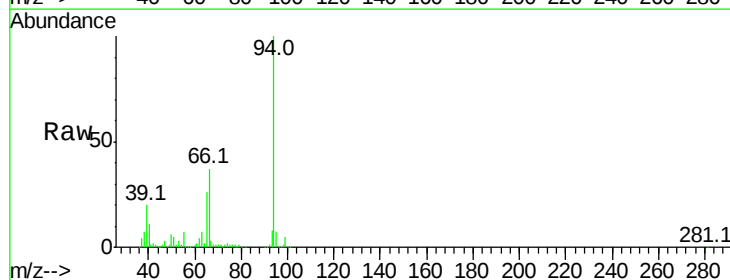
Tgt Ion: 94 Resp: 419560

Ion Ratio Lower Upper

94 100

65 26.5 9.9 49.9

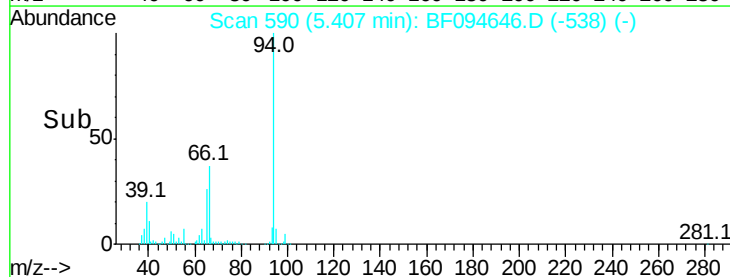
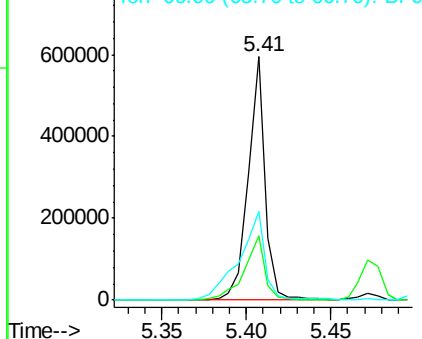
66 36.6 23.1 63.1



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: 44.57 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampled :

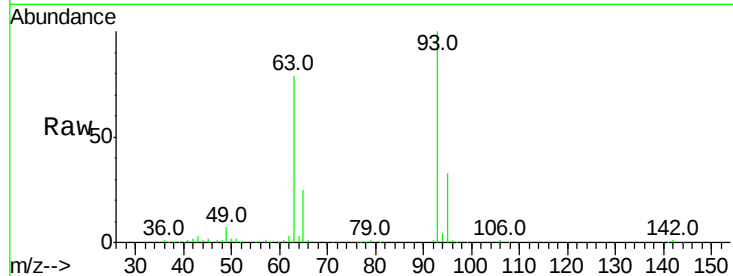
Tot Ion: 93 Resp: 363136

Ion Ratio Lower Upper

93 100

63 78.6 59.2 99.2

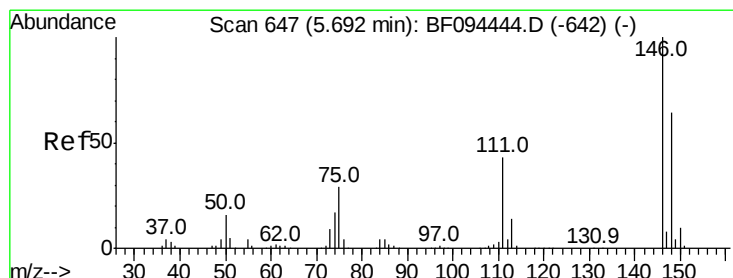
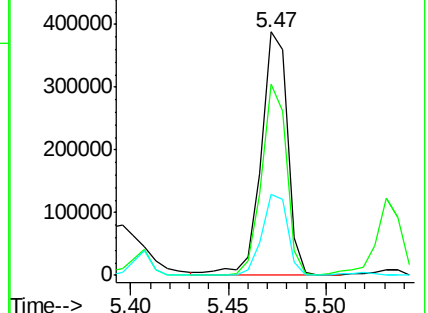
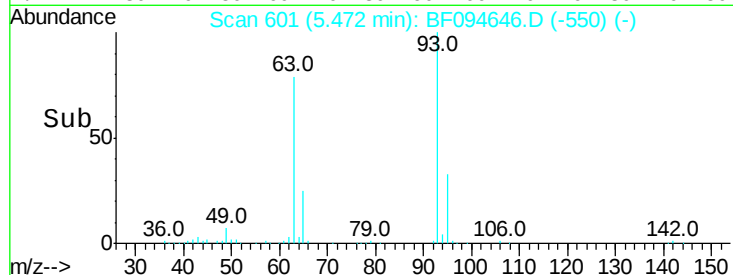
95 33.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.17 ng

RT: 5.69 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

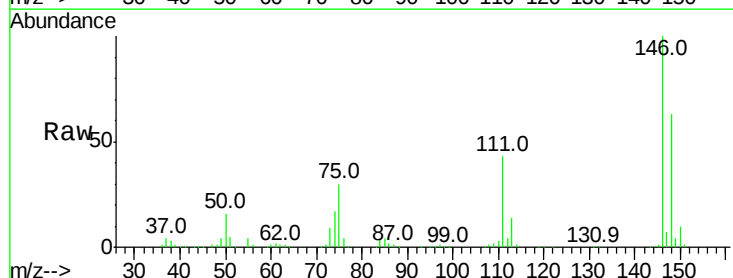
Tgt Ion: 146 Resp: 390000

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

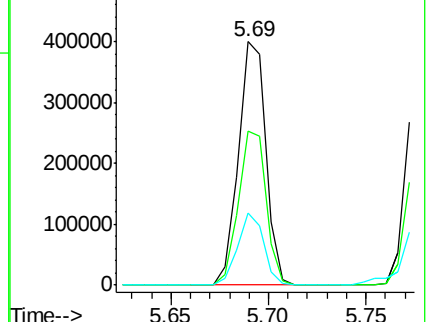
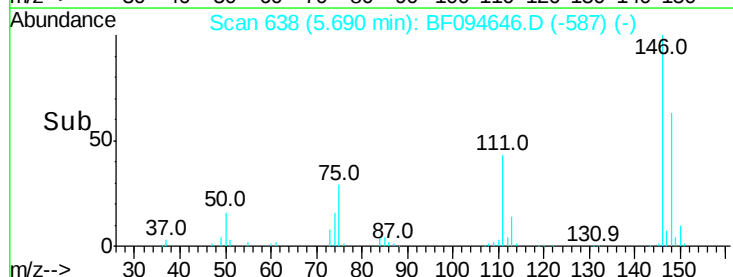
75 29.6 23.1 34.7

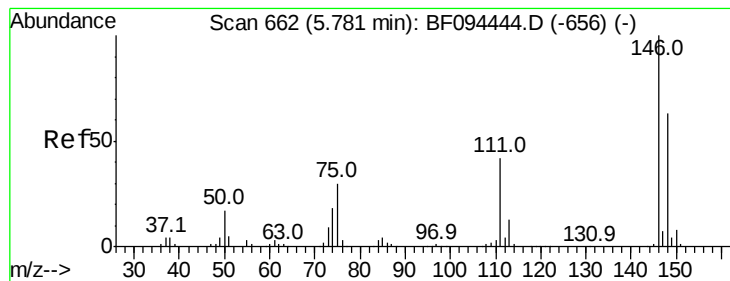


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.28 ng

RT: 5.78 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

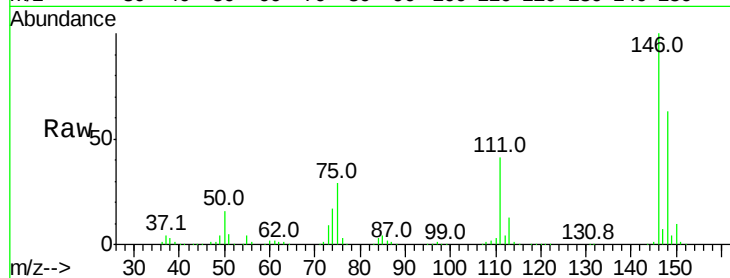
Tot Ion:146 Resp: 393434

Ion Ratio Lower Upper

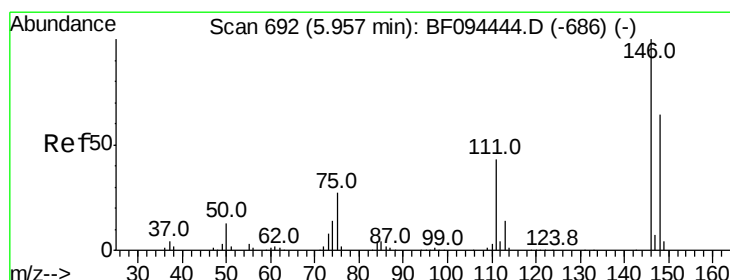
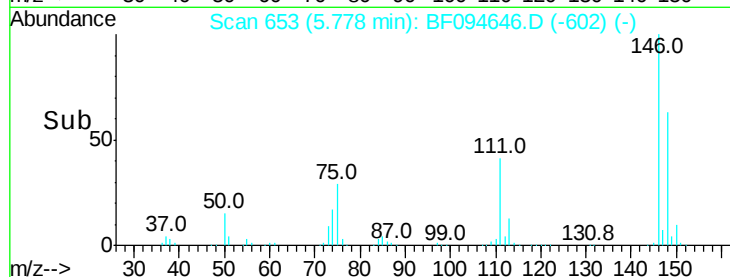
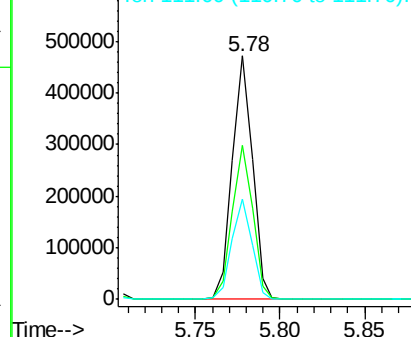
146 100

148 63.3 52.2 78.2

111 41.2 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 40.87 ng

RT: 5.95 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

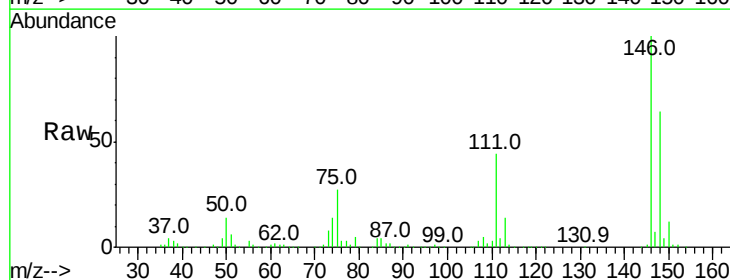
Tgt Ion:146 Resp: 367711

Ion Ratio Lower Upper

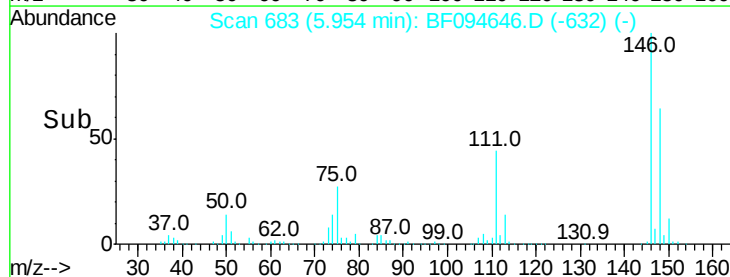
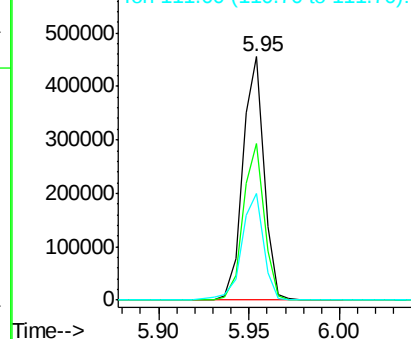
146 100

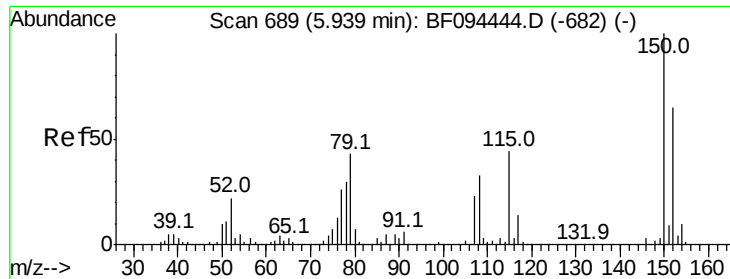
148 64.3 50.4 75.6

111 43.6 38.2 57.4



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

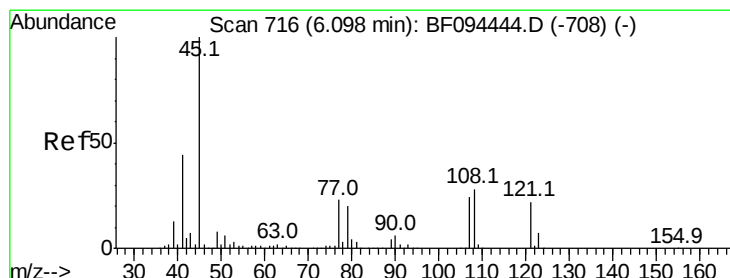
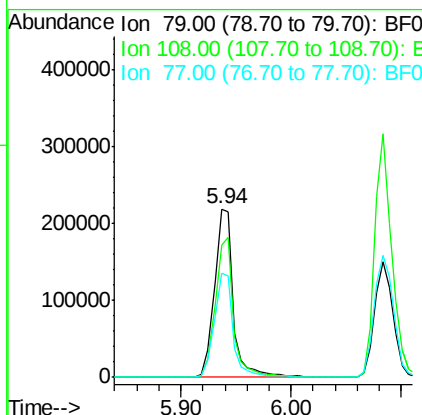
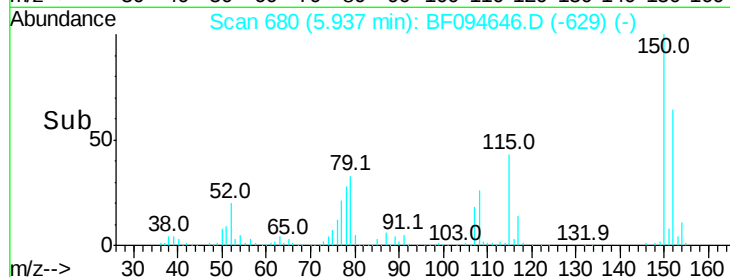
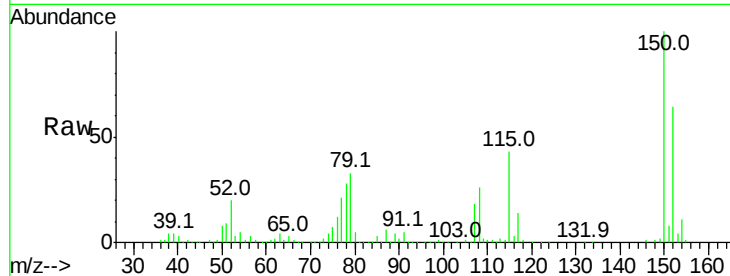




#15
Benzyl Alcohol
Concen: 38.26 ng
RT: 5.94 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

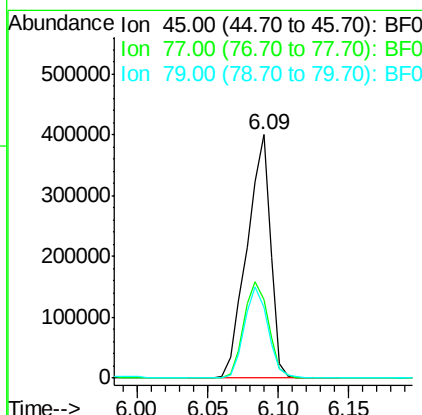
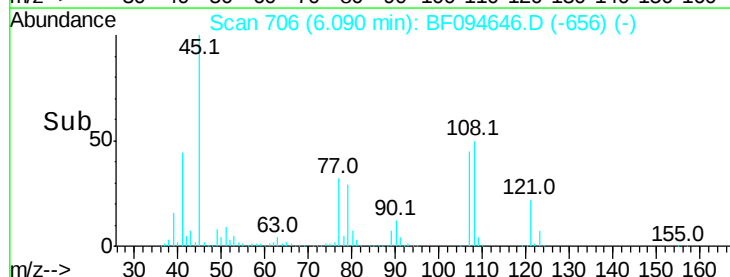
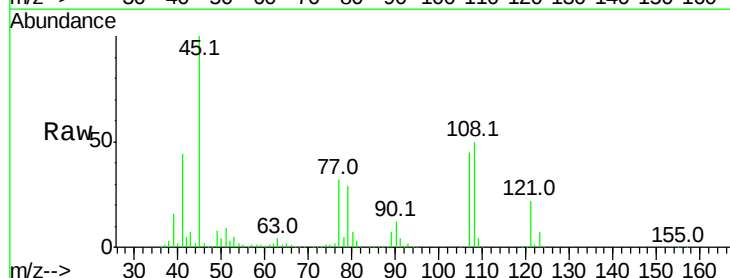
Instrument :
BNA_F
ClientSampleId :

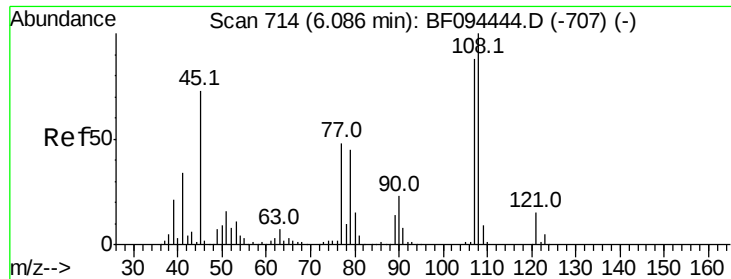
Tot Ion: 79 Resp: 257643
Ion Ratio Lower Upper
79 100
108 78.5 63.4 95.0
77 62.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.95 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion: 45 Resp: 469464
Ion Ratio Lower Upper
45 100
77 32.3 0.0 33.2
79 29.0 0.0 30.0

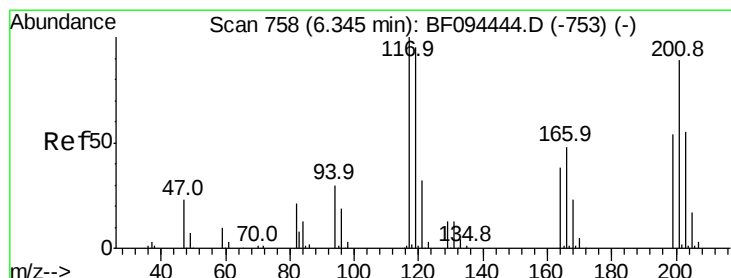
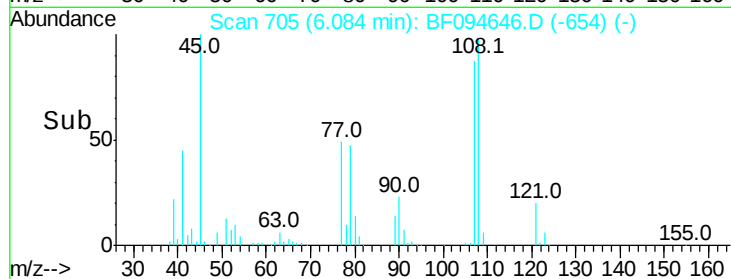
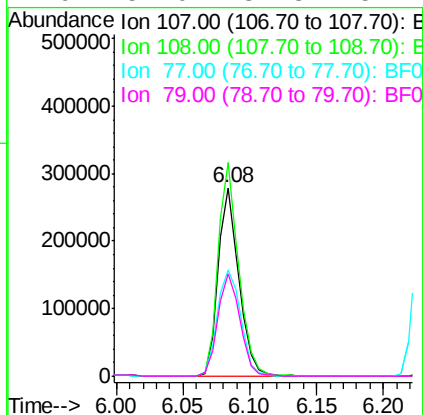
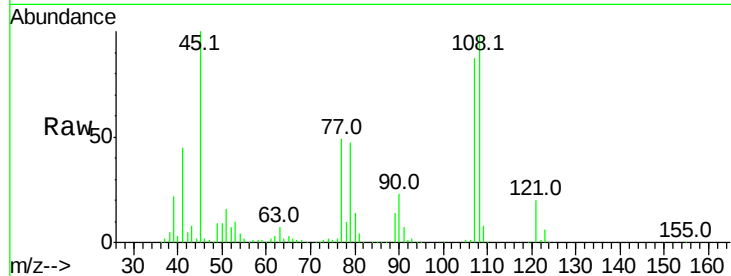




#17
2-Methylphenol
Concen: 44.41 ng
RT: 6.08 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

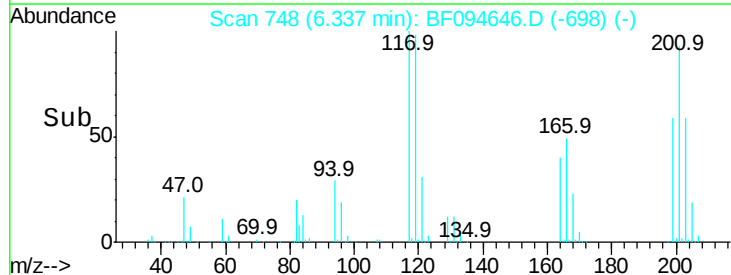
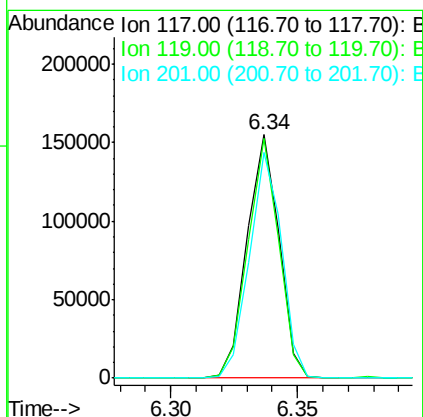
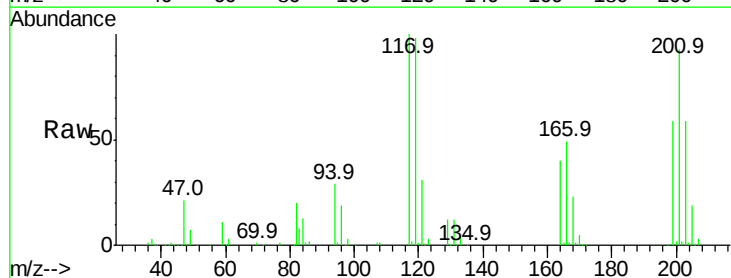
Instrument :
BNA_F
ClientSampled :

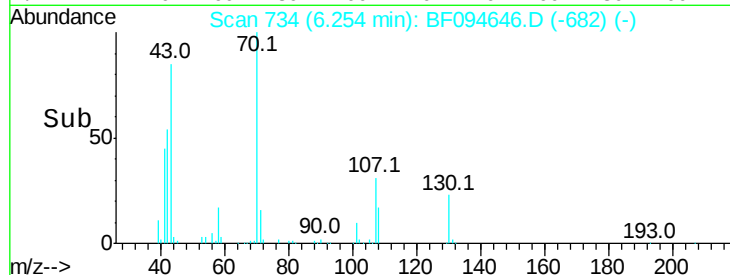
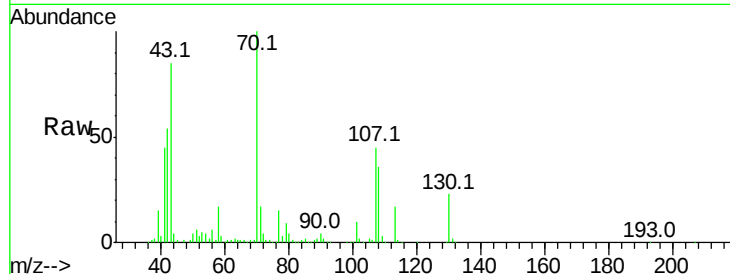
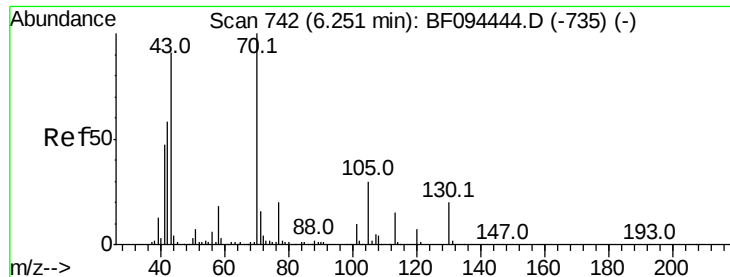
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.4	140.0
77	56.5	35.8	53.6#
79	54.0	34.8	52.2#



#18
Hexachloroethane
Concen: 40.74 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.4	116.0
201	92.9	94.6	141.8#

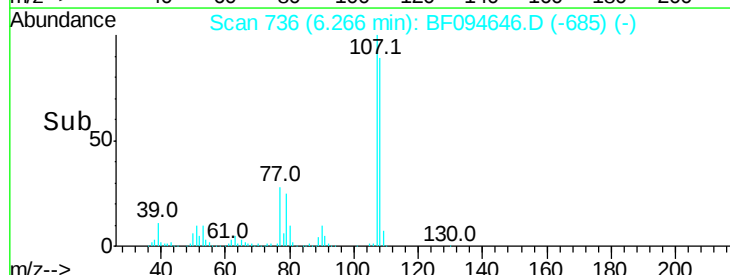
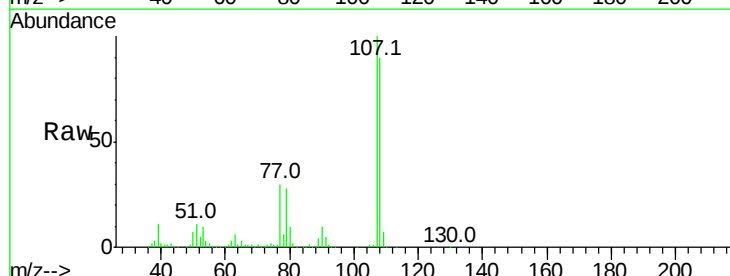
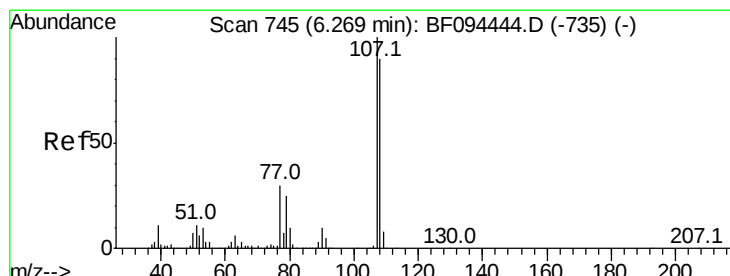
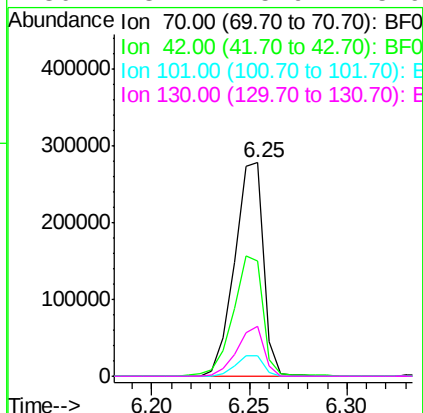




#19
n-Nitroso-di-n-propylamine
Concen: 47.42 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

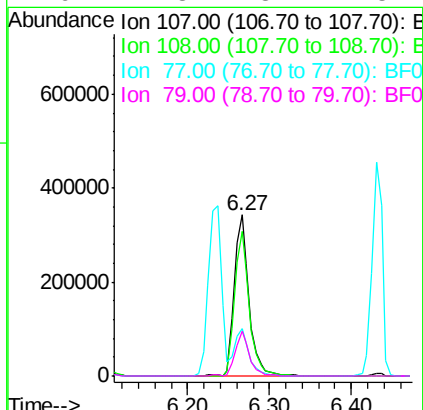
Instrument :
BNA_F
ClientSampleId :

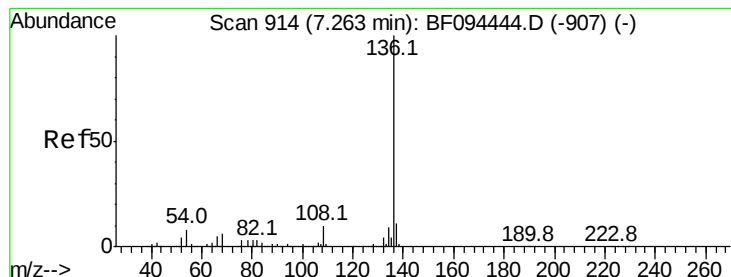
Tot Ion:	70	Resp:	285261
Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.2	70.8
101	9.7	7.2	10.8
130	23.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.09 ng
RT: 6.27 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:	107	Resp:	432294
Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.0	111.0
77	29.5	90.5	130.5#
79	27.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 529862

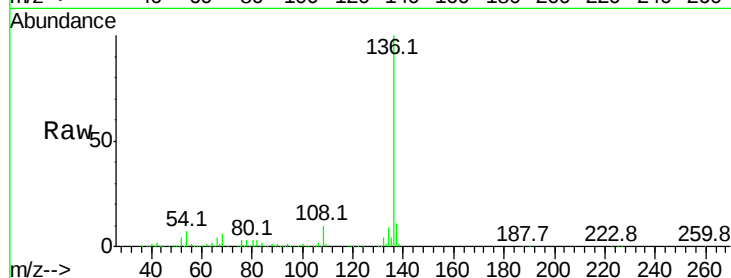
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.9 4.1 6.1

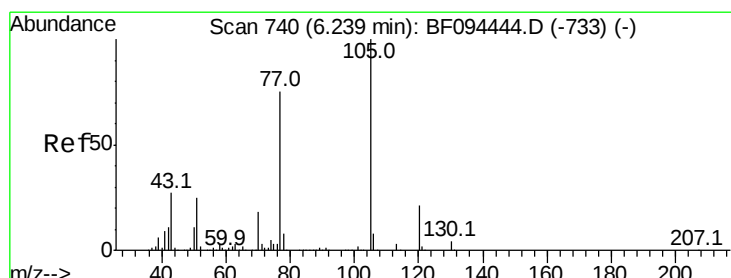
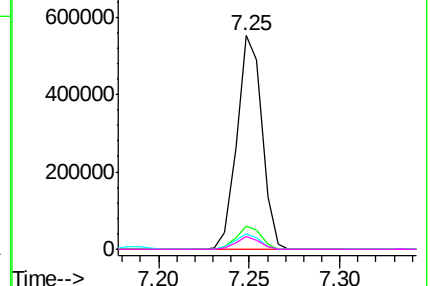
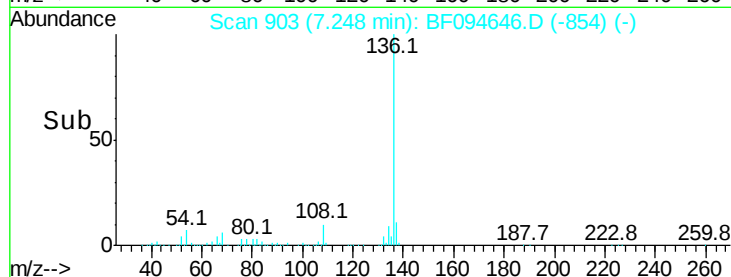


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.66 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Tgt Ion:105 Resp: 562560

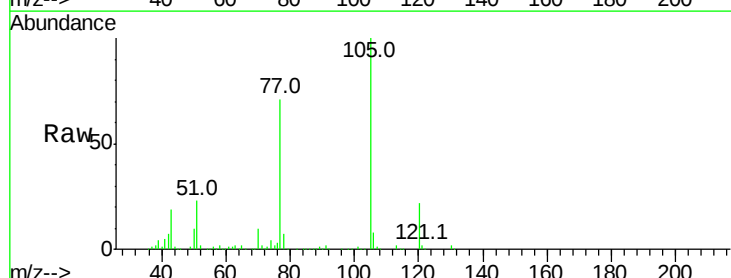
Ion Ratio Lower Upper

105 100

71 1.7 2.8 4.2#

51 23.4 30.7 46.1#

120 21.9 17.4 26.0

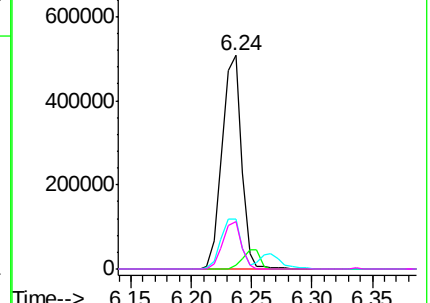
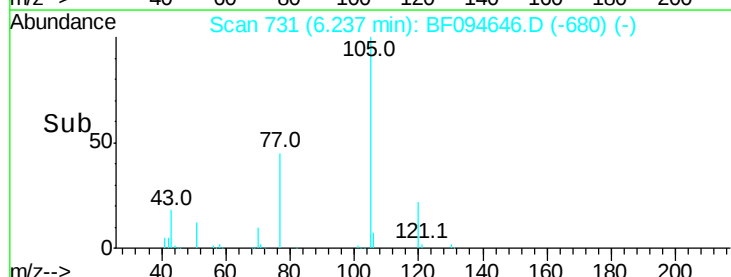


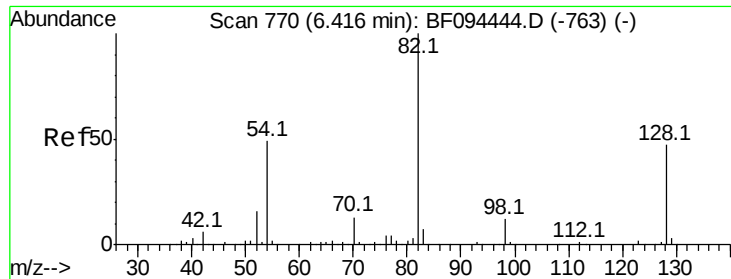
Abundance Ion 105.00 (104.70 to 105.70): E

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

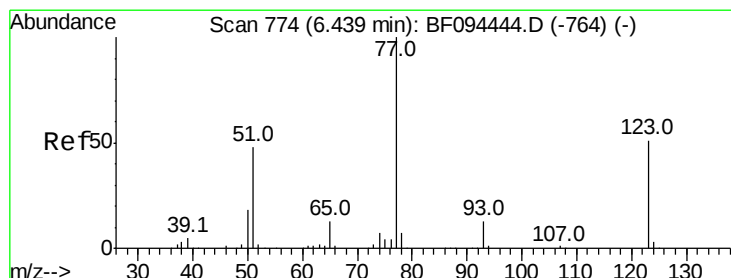
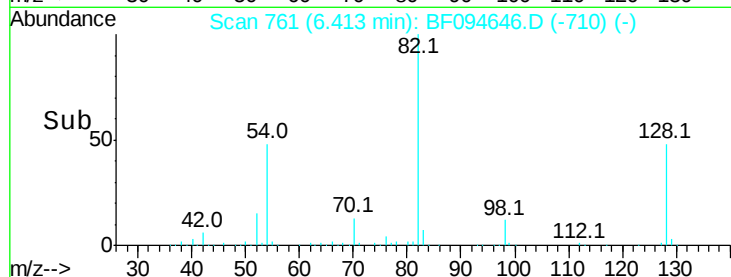
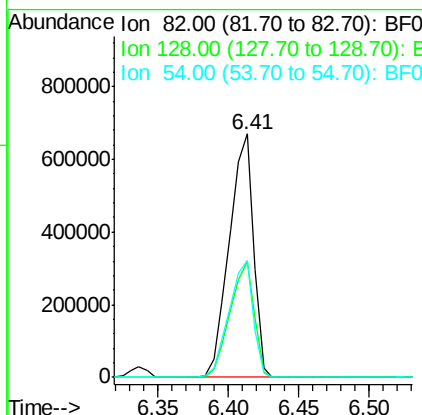
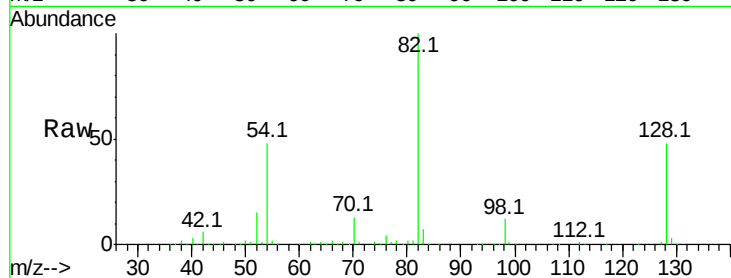




#23
 Nitrobenzene-d5
 Concen: 93.12 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

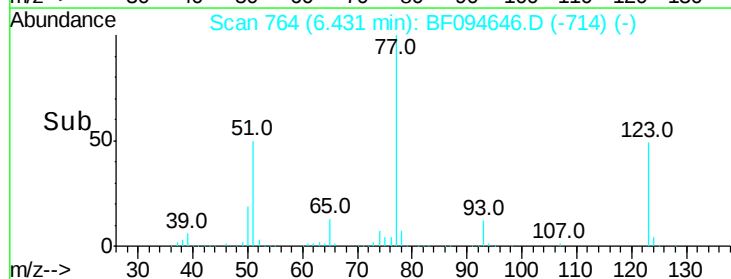
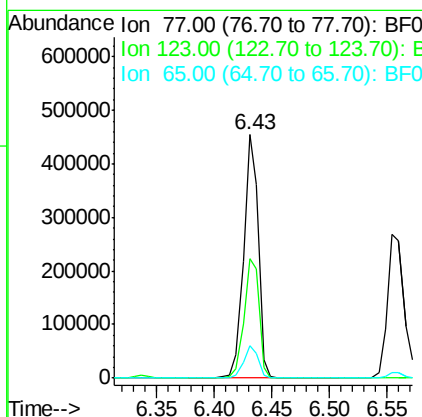
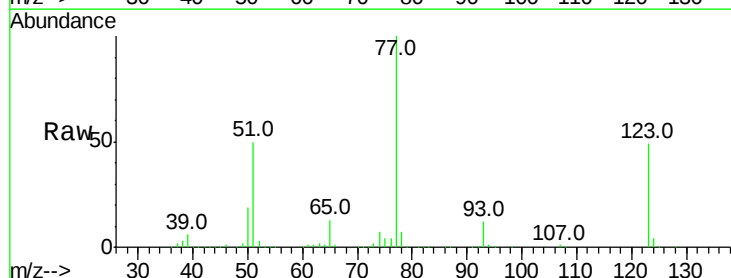
Instrument :
 BNA_F
 ClientSampleId :

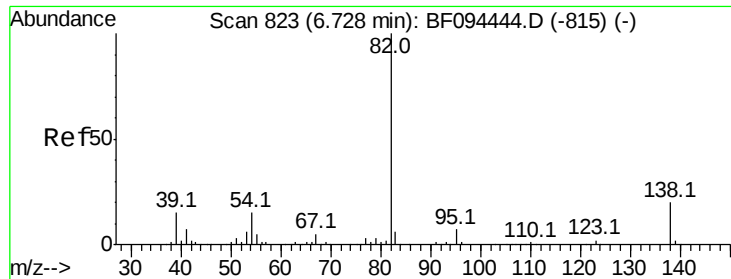
Tot Ion: 82 Resp: 799030
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 48.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 44.27 ng
 RT: 6.43 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion: 77 Resp: 400012
 Ion Ratio Lower Upper
 77 100
 123 48.9 35.8 53.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 46.33 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

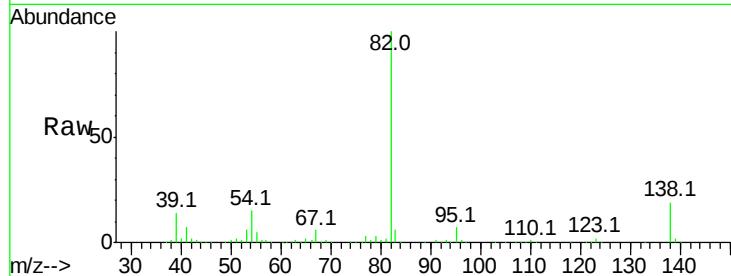
Tot Ion: 82 Resp: 736976

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

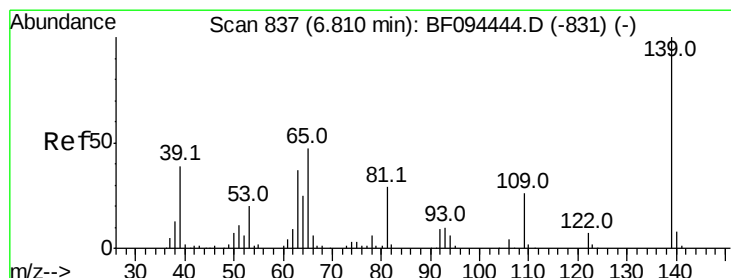
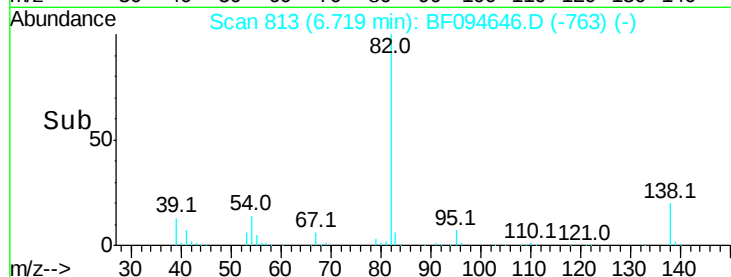
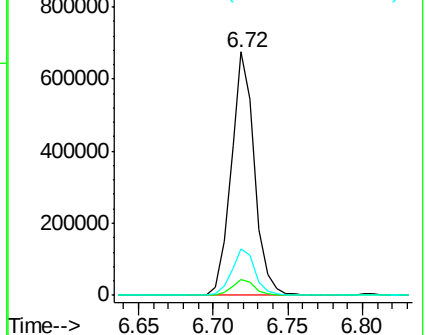
138 19.1 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.95 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

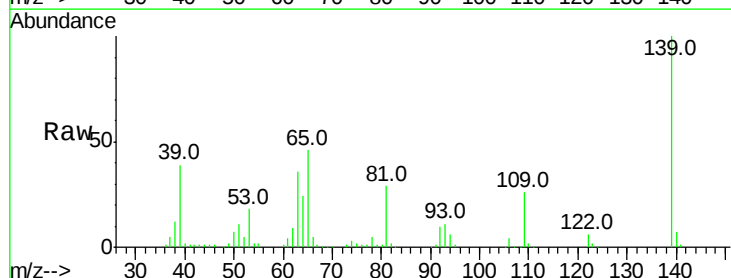
Tgt Ion: 139 Resp: 223061

Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

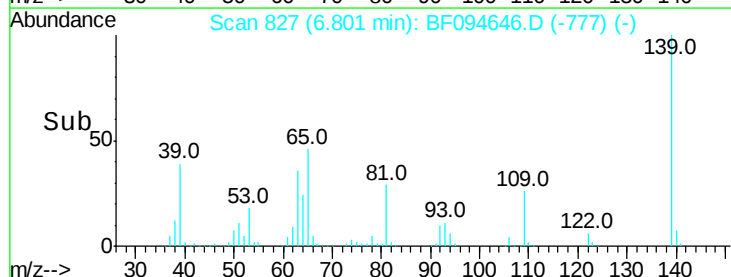
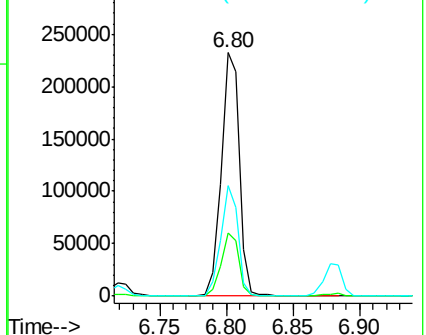
65 45.6 33.0 49.6

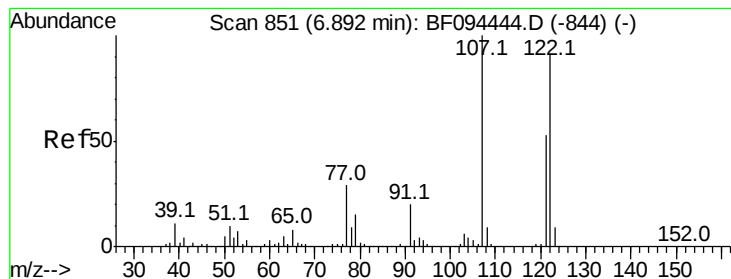


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.86 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

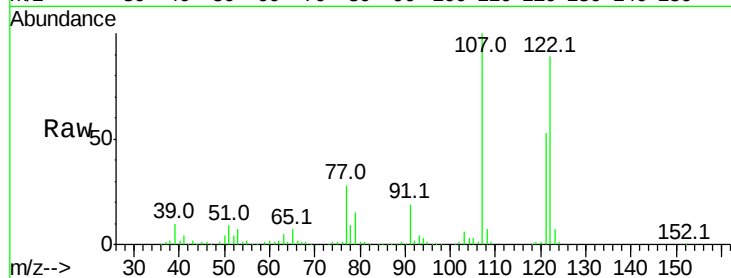
Tot Ion:122 Resp: 353740

Ion Ratio Lower Upper

122 100

107 111.8 89.2 133.8

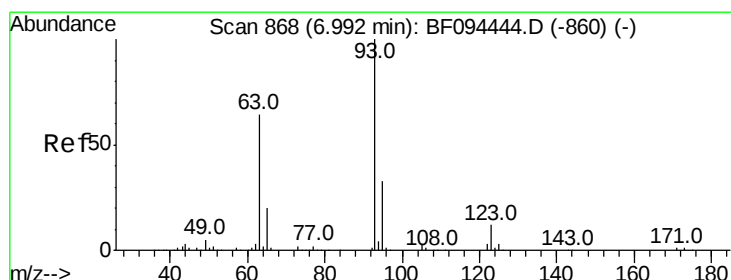
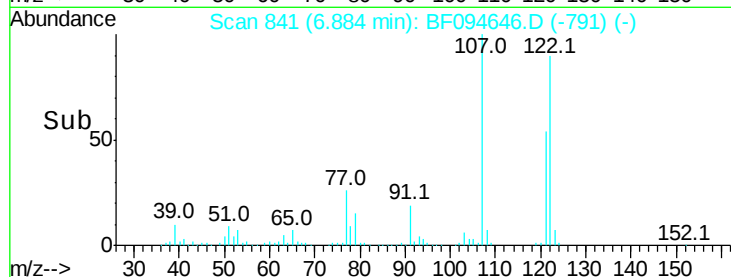
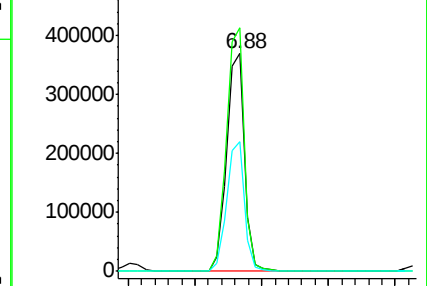
121 59.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.46 ng

RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

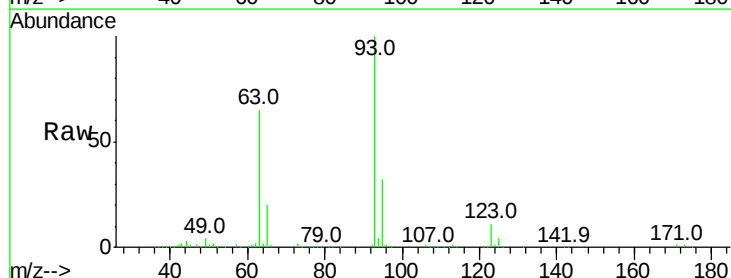
Tgt Ion: 93 Resp: 457459

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

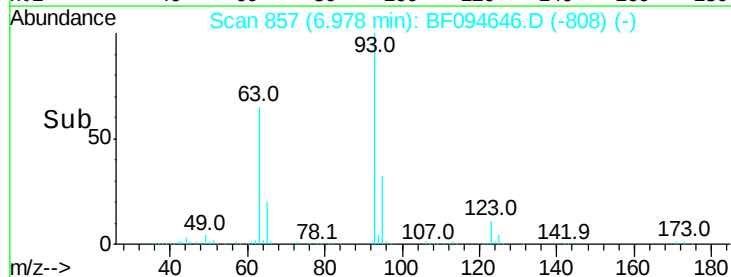
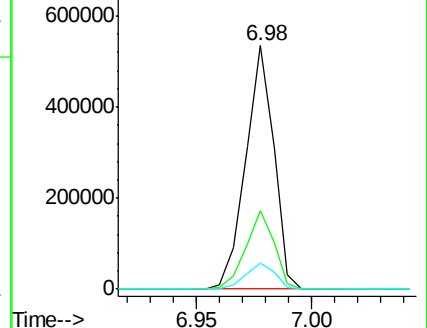
123 10.9 9.0 13.4

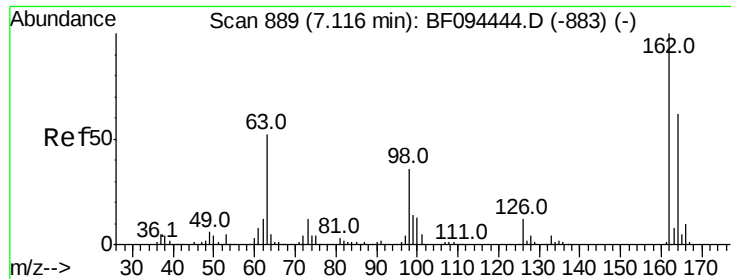


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

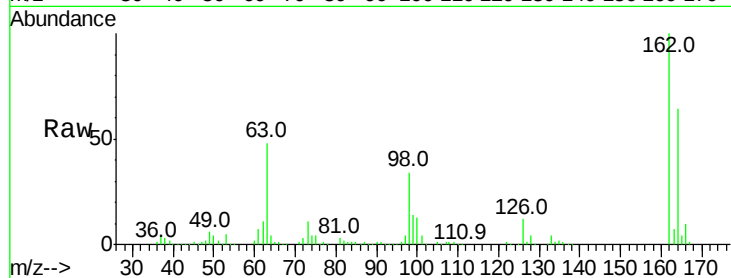




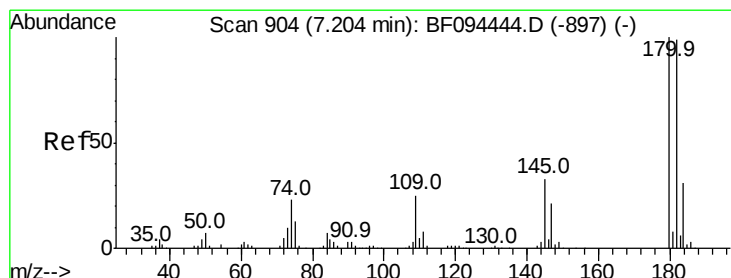
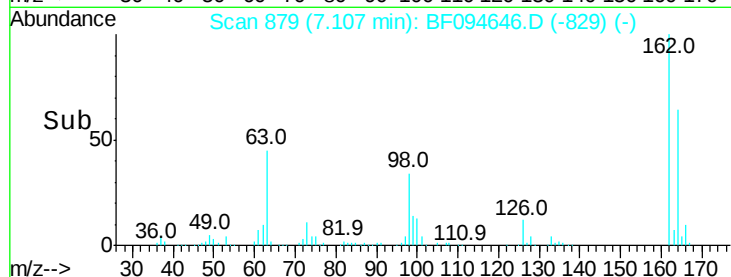
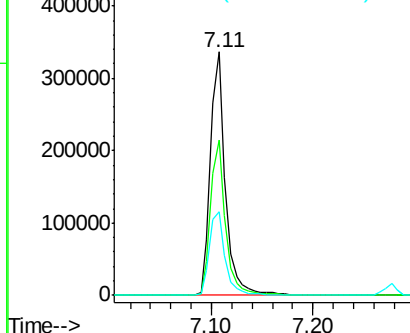
#29
 2,4-Dichlorophenol
 Concen: 47.17 ng
 RT: 7.11 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	34.2	14.8	54.8

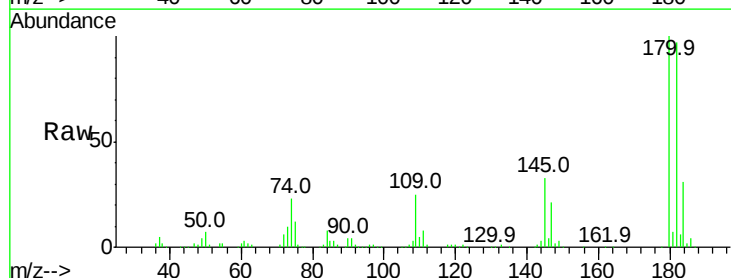


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

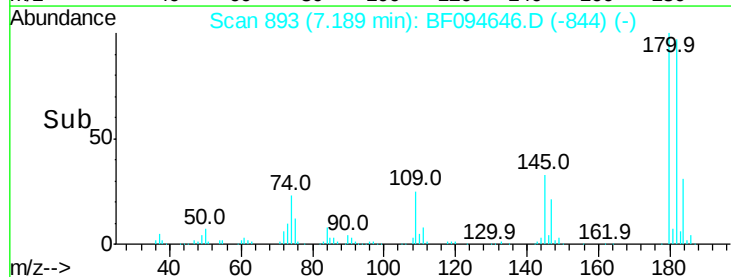
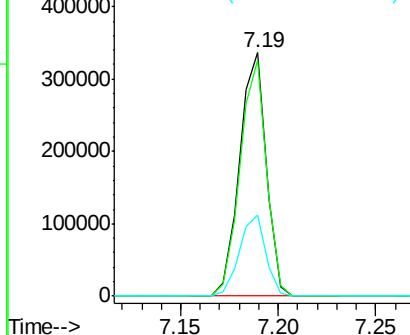


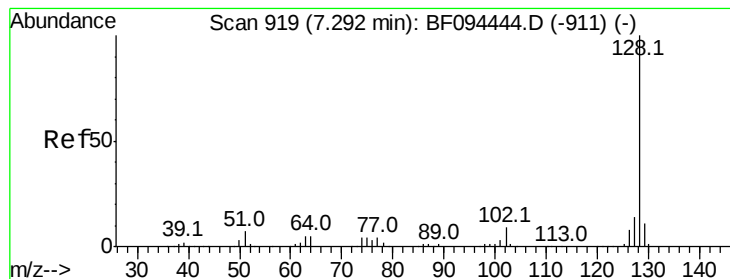
#30
 1,2,4-Trichlorobenzene
 Concen: 41.98 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.6
145	33.3	25.3	37.9



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





#31

Naphthalene

Concen: 42.85 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

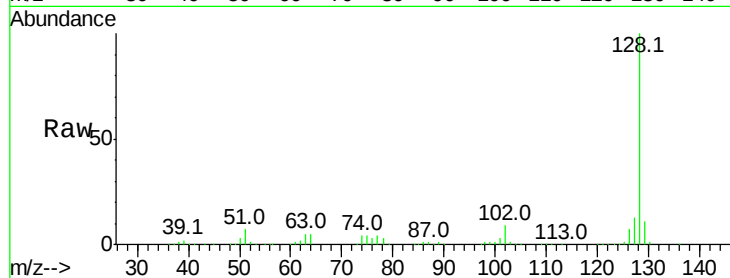
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1091396

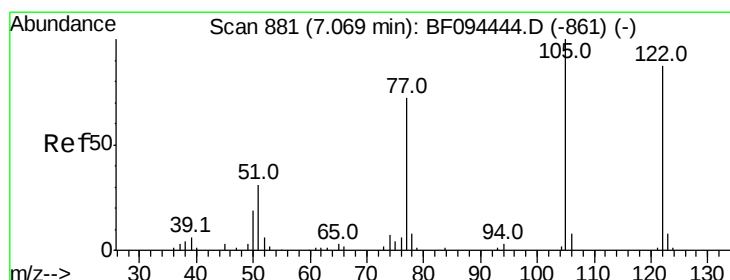
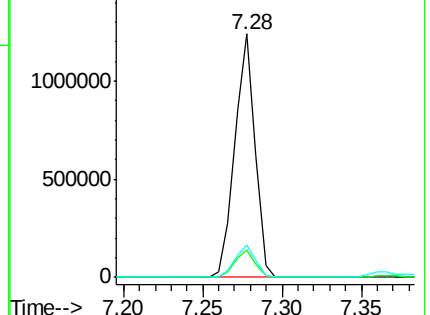
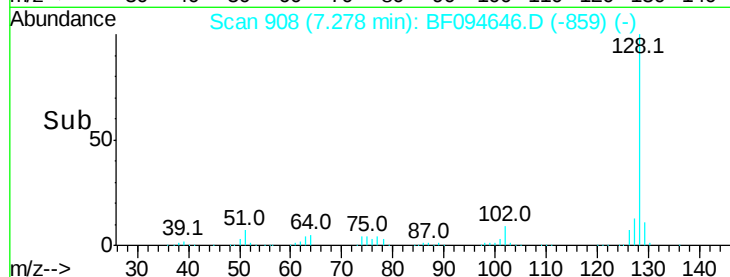
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	10.8	16.2



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: 44.79 ng

RT: 7.08 min Scan# 875

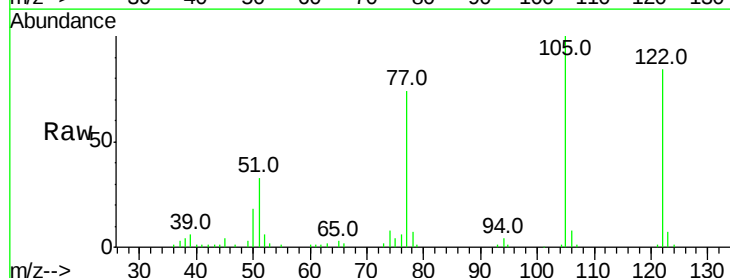
Delta R.T. 0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Tgt Ion:122 Resp: 186788

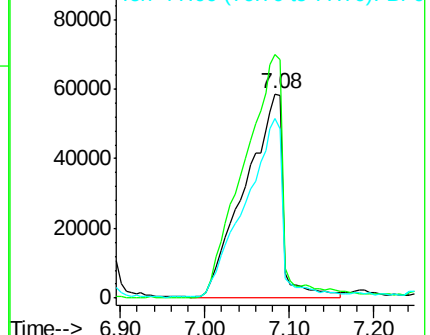
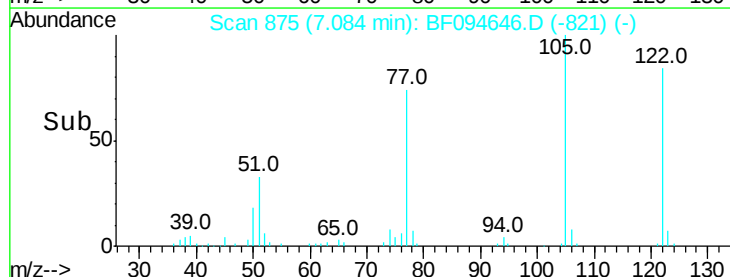
Ion	Ratio	Lower	Upper
122	100		
105	119.3	103.3	143.3
77	87.9	73.7	113.7

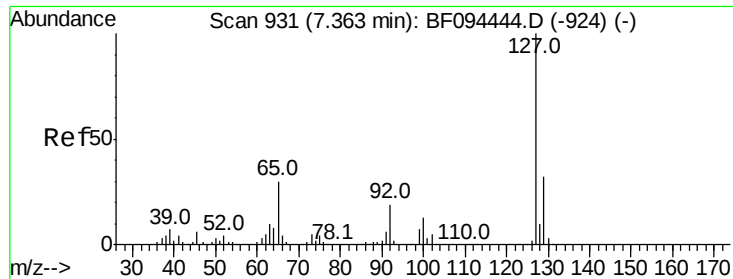


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

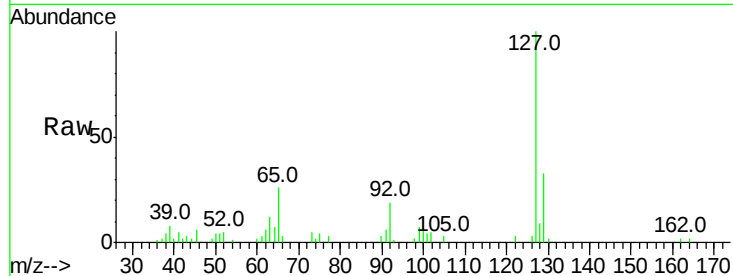




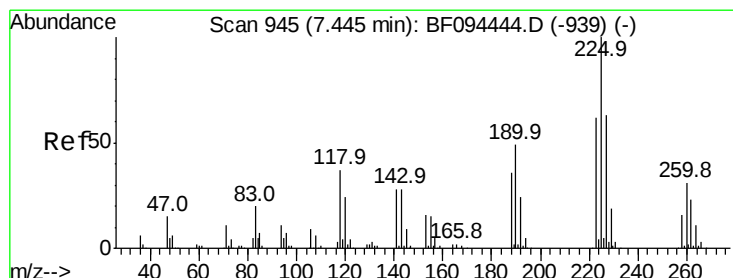
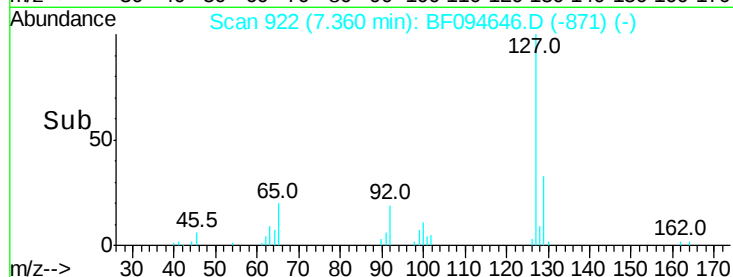
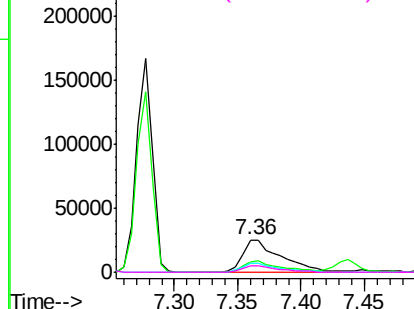
#33
4-Chloroaniline
Concen: 5.01 ng
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	53112
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.2
65	26.3	27.8	41.8#
92	19.4	16.8	25.2

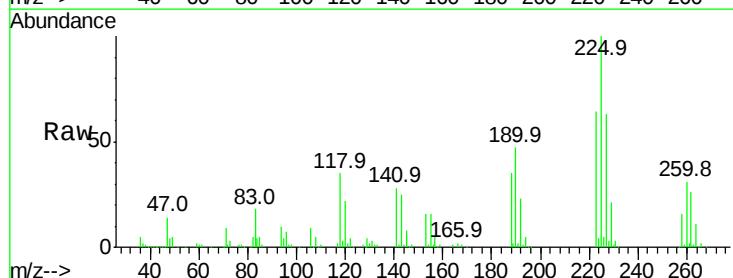


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

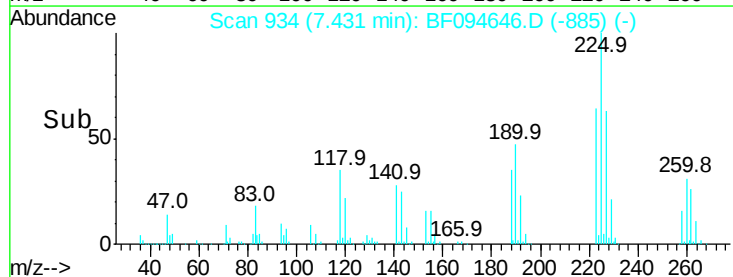
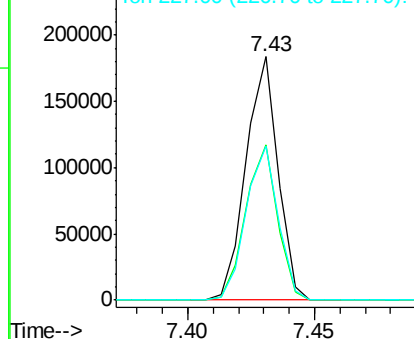


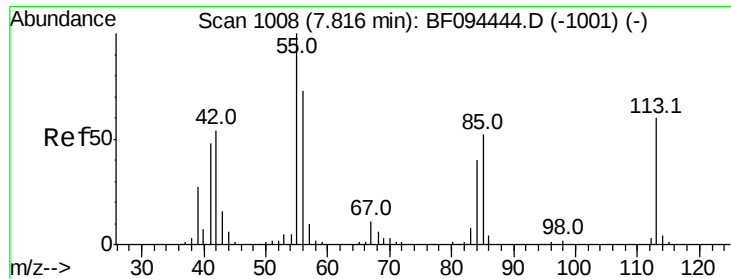
#34
Hexachlorobutadiene
Concen: 42.66 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:	225	Resp:	161307
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.8	73.2
227	63.3	51.1	76.7



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

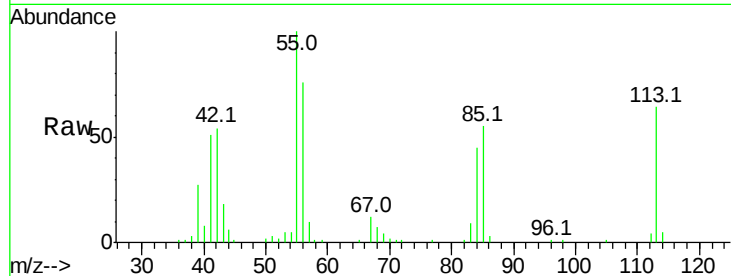




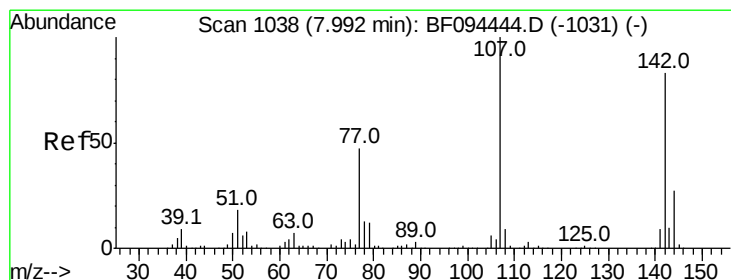
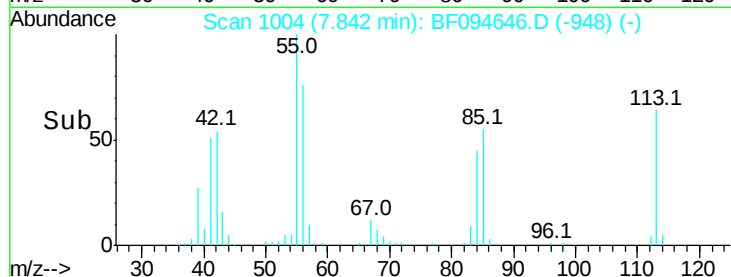
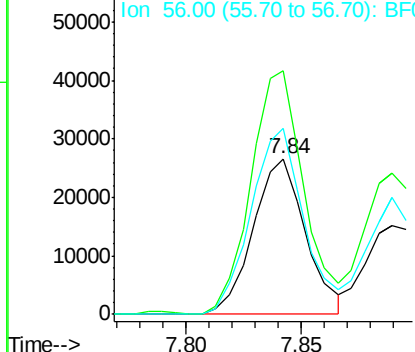
#35
 Caprolactam
 Concen: 18.21 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.03 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 41973
 Ion Ratio Lower Upper
 113 100
 55 156.6 150.2 190.2
 56 119.5 107.8 147.8

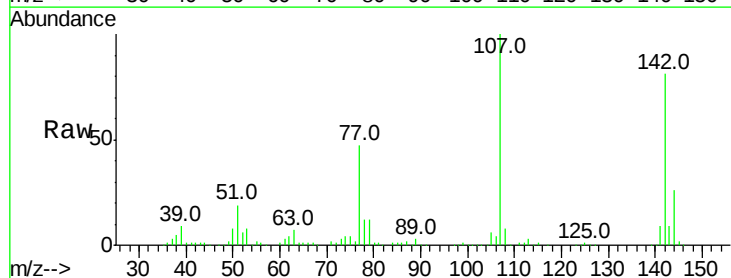


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

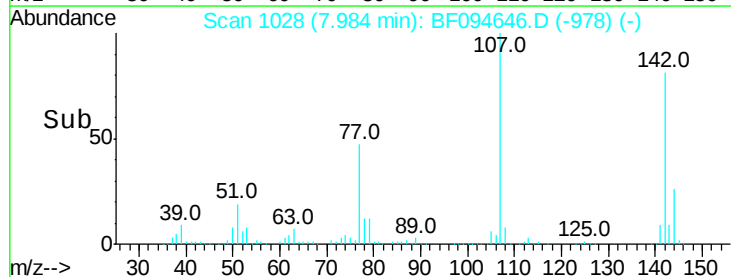
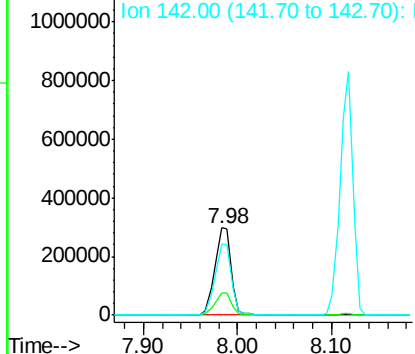


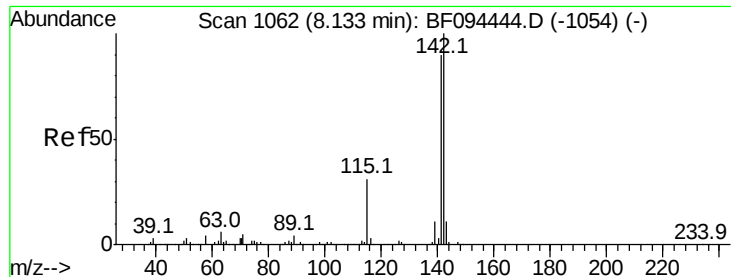
#36
 4-Chloro-3-methylphenol
 Concen: 47.64 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:107 Resp: 366255
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 81.0 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

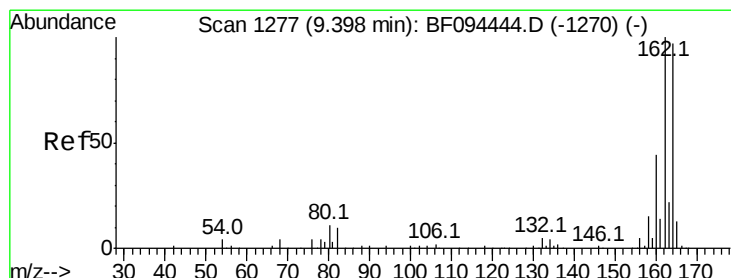
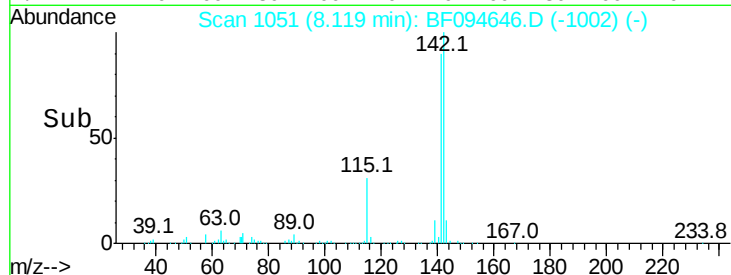
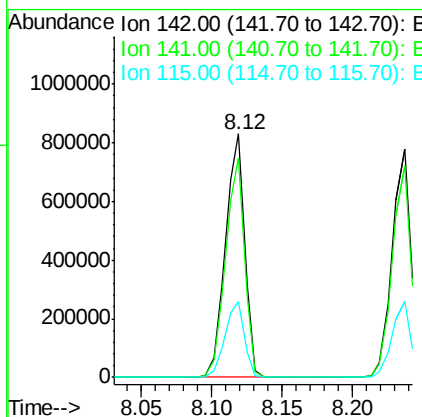
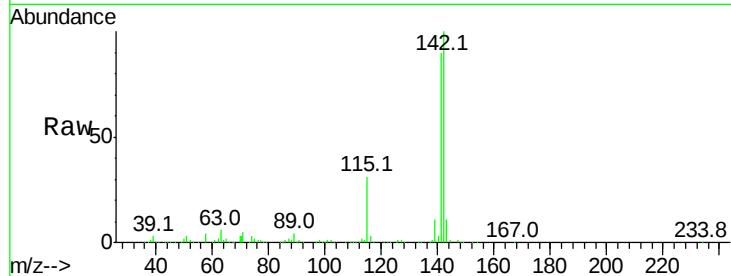




#37
 2-Methylnaphthalene
 Concen: 45.19 ng
 RT: 8.12 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

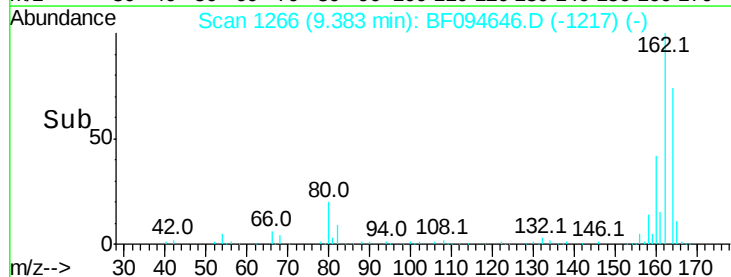
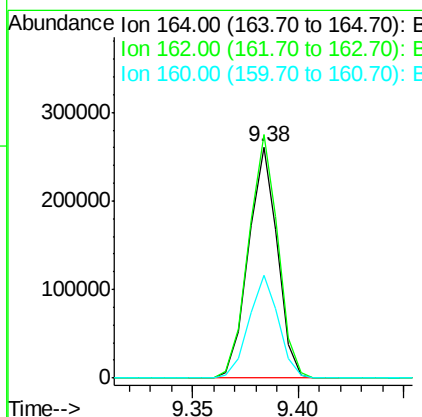
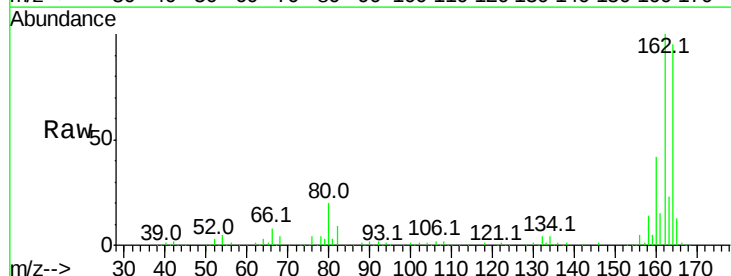
Instrument :
 BNA_F
 ClientSampleId :

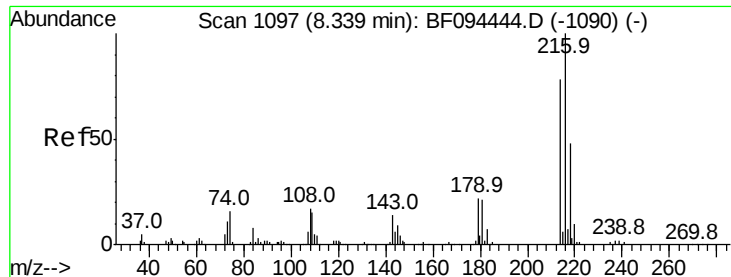
Tot Ion:142 Resp: 787618
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.3 106.9
 115 31.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:164 Resp: 248524
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 44.7 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.25 ng

RT: 8.32 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 299031

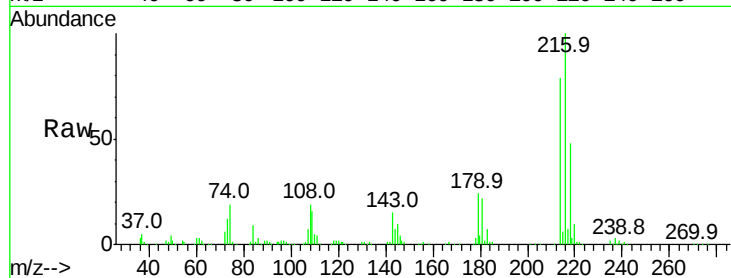
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 23.2 17.9 26.9

108 21.3 16.5 24.7

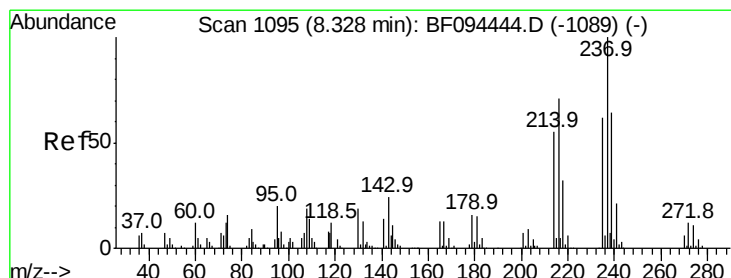
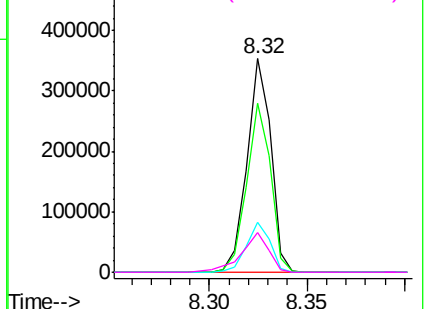
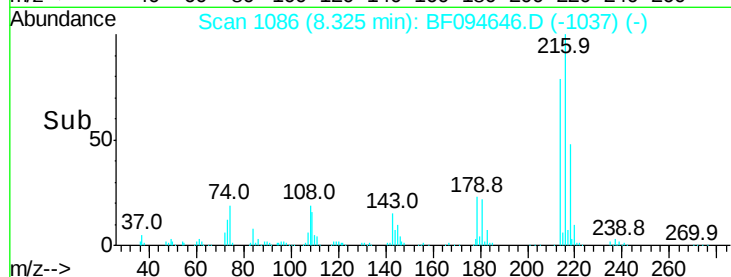


Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.90 ng

RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

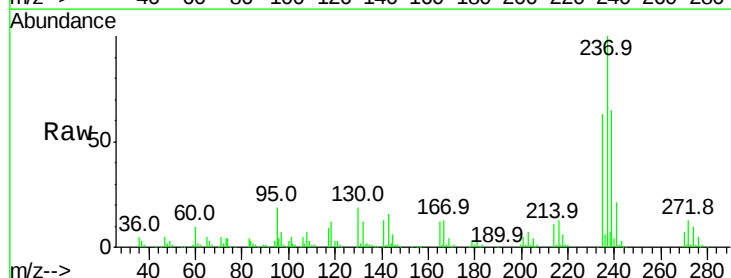
Tgt Ion:237 Resp: 274558

Ion Ratio Lower Upper

237 100

235 63.4 42.6 82.6

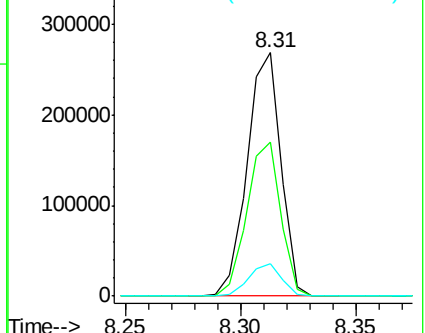
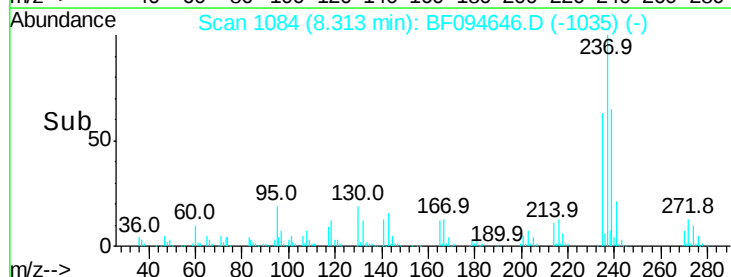
272 13.3 0.0 31.9

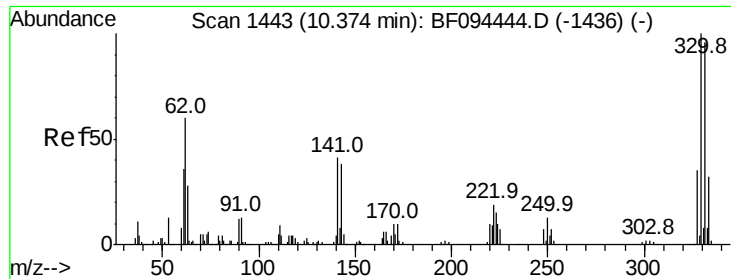


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

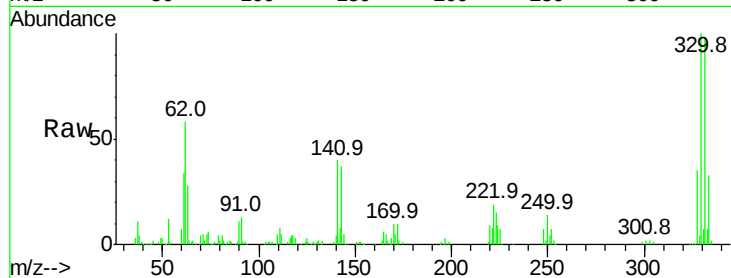




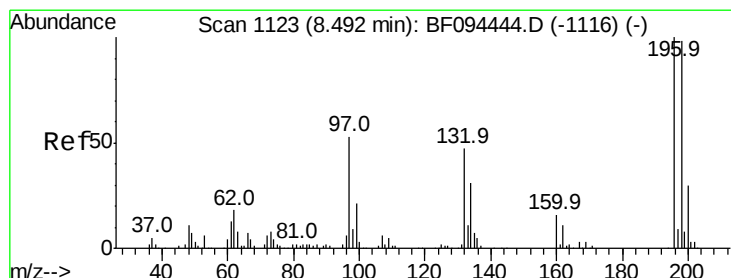
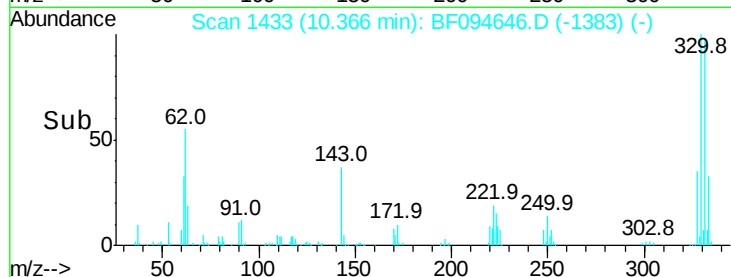
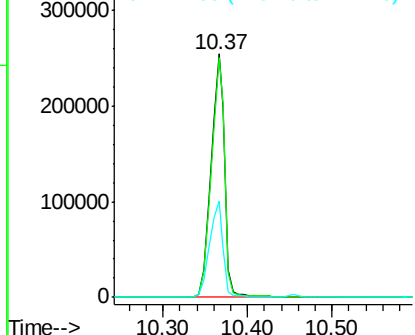
#41
 2,4,6-Tribromophenol
 Concen: 150.75 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 293049
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.2 31.4 47.2

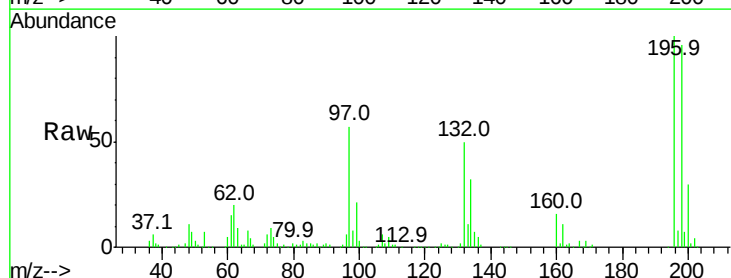


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

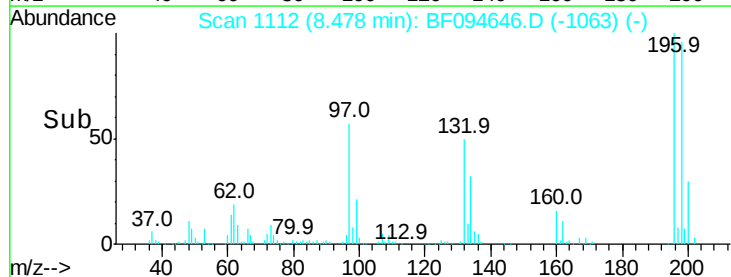
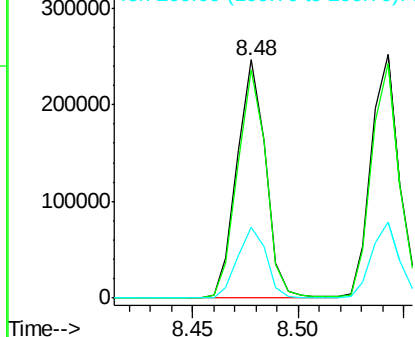


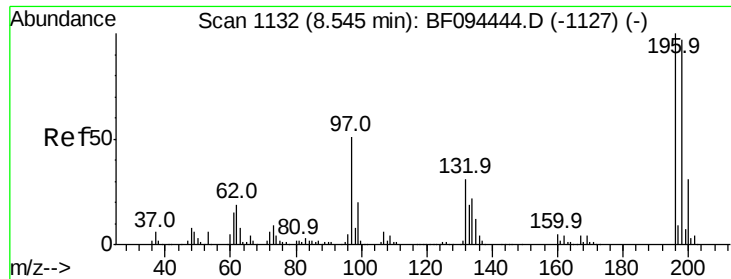
#42
 2,4,6-Trichlorophenol
 Concen: 46.79 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:196 Resp: 232540
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 30.0 24.0 36.0



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

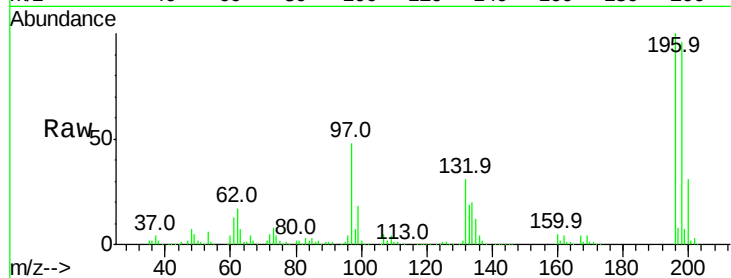




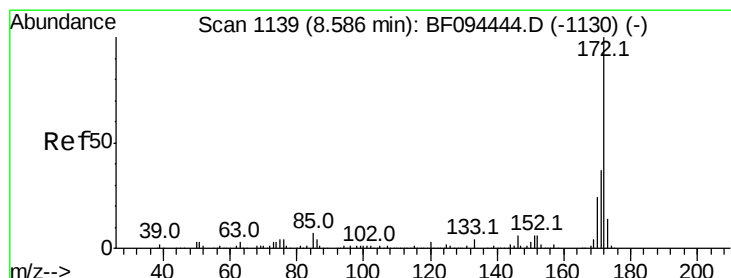
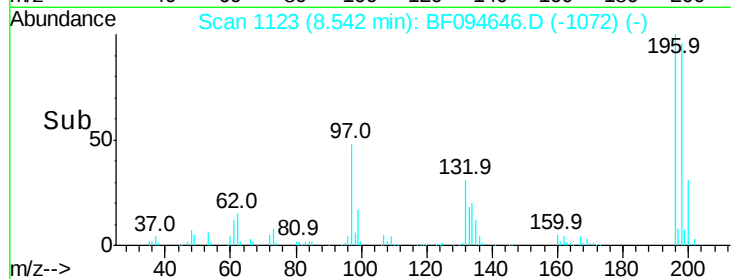
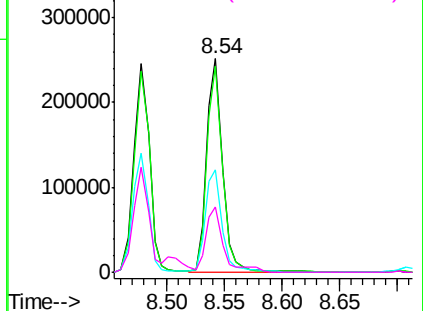
#43
 2,4,5-Trichlorophenol
 Concen: 47.68 ng
 RT: 8.54 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
97	47.8	47.7	71.5
132	30.5	28.0	42.0

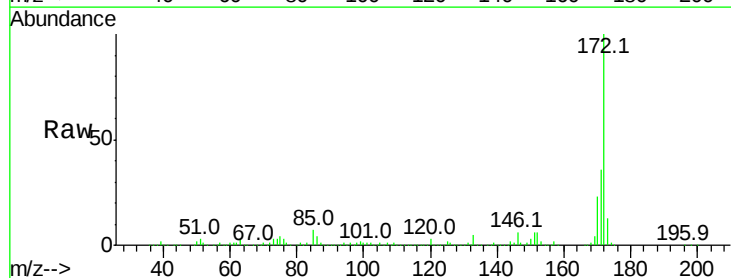


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

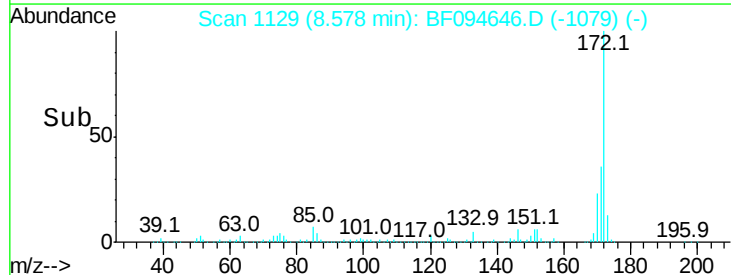
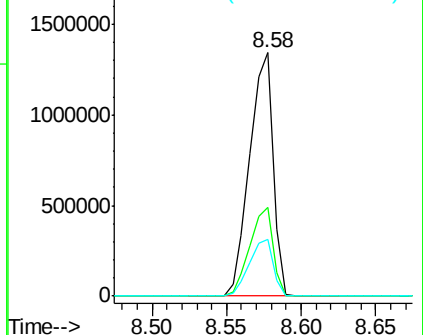


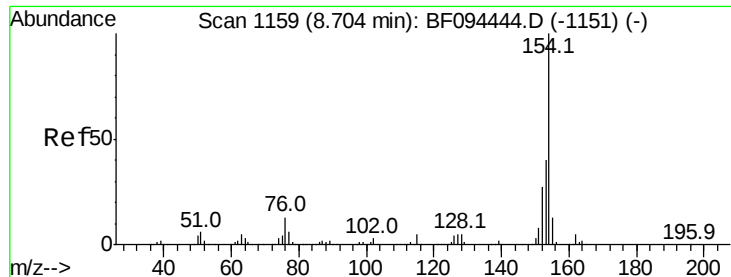
#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.5	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 43.32 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

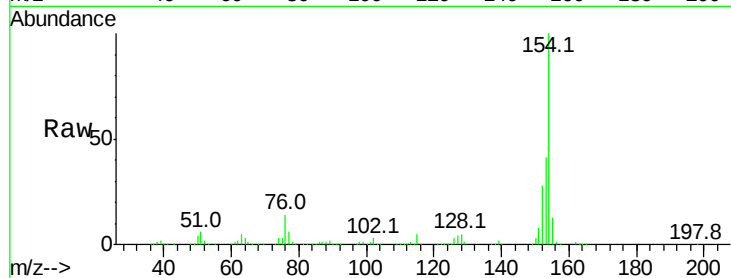
Tot Ion:154 Resp: 879620

Ion Ratio Lower Upper

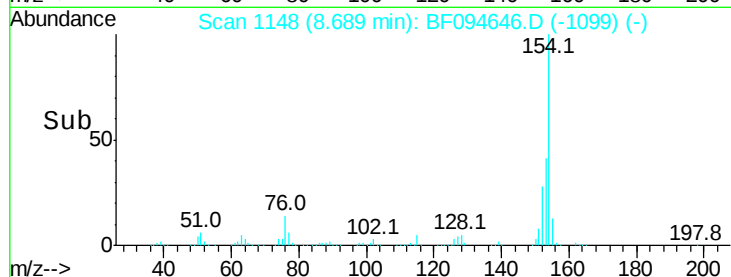
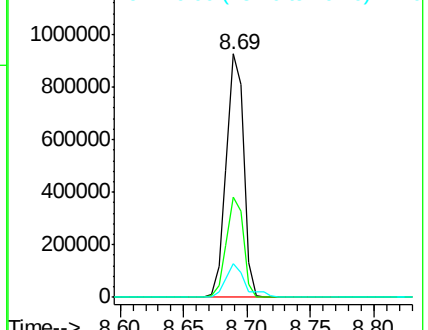
154 100

153 41.3 21.2 61.2

76 13.7 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 43.99 ng

RT: 8.71 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

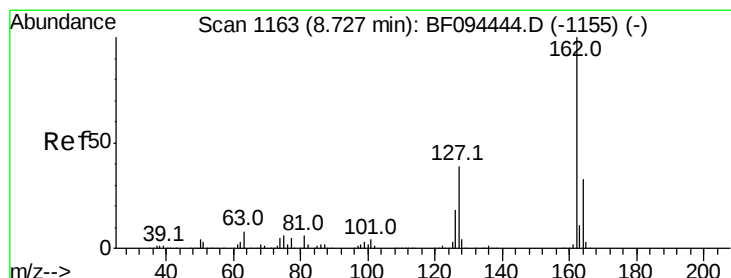
Tgt Ion:162 Resp: 710297

Ion Ratio Lower Upper

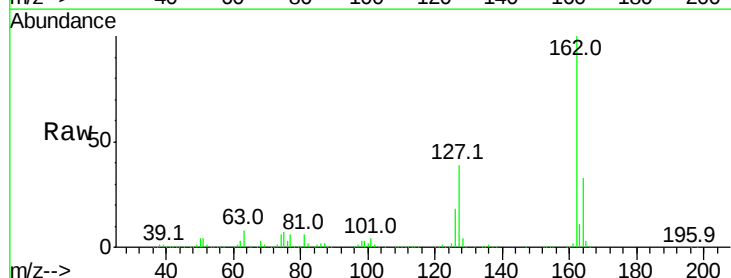
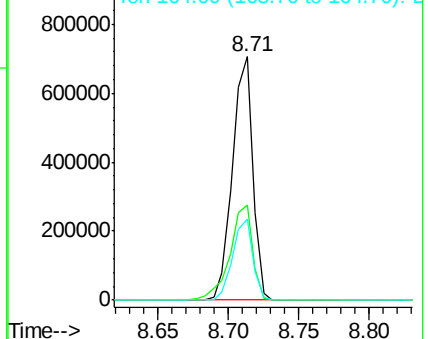
162 100

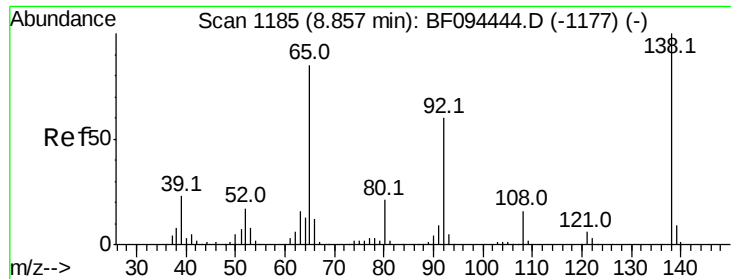
127 39.2 28.3 42.5

164 33.4 27.0 40.4



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

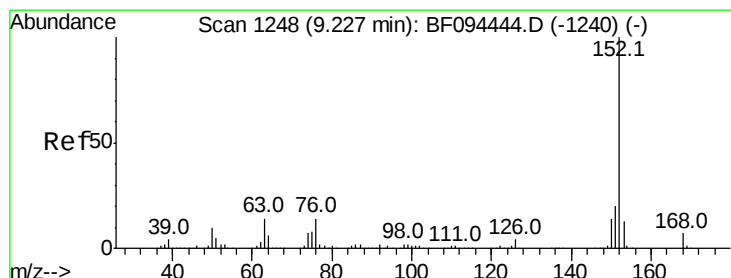
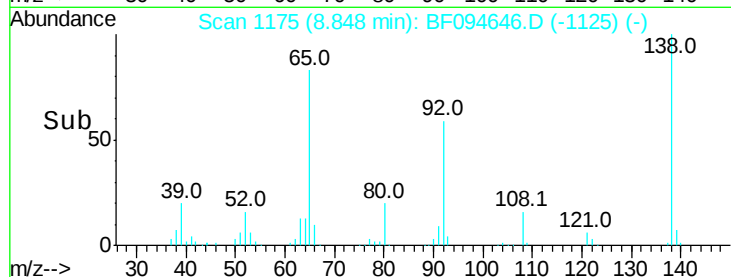
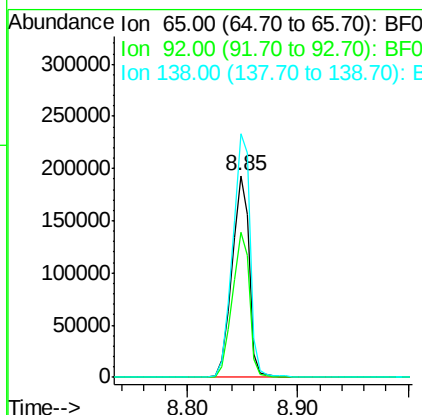
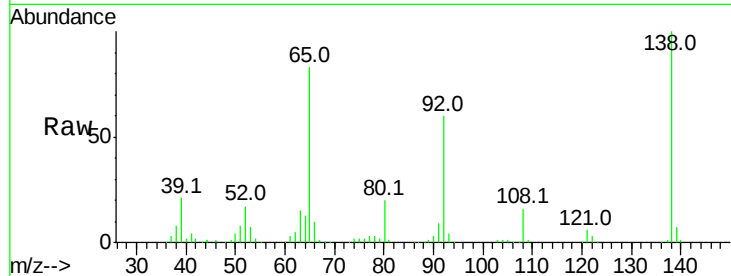




#47
 2-Nitroaniline
 Concen: 45.53 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

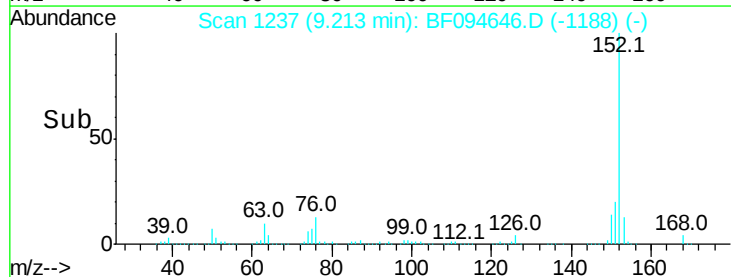
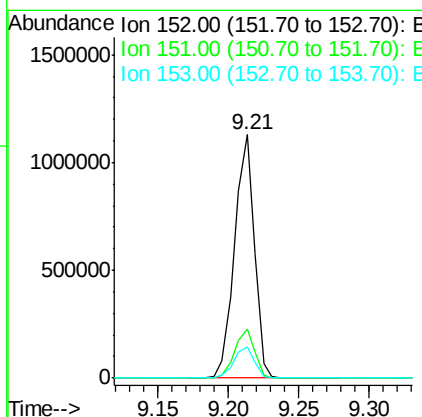
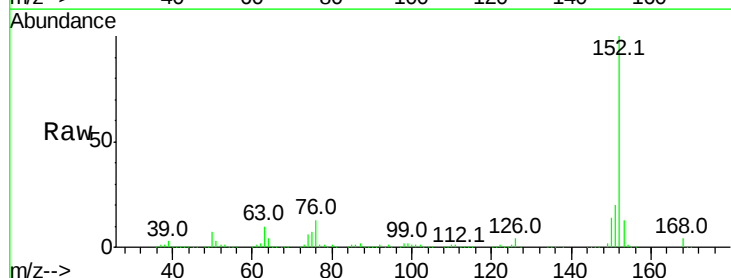
Instrument :
 BNA_F
 ClientSampleId :

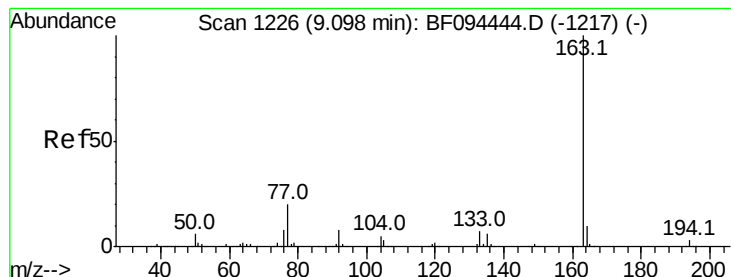
Tot Ion: 65 Resp: 211447
 Ion Ratio Lower Upper
 65 100
 92 71.8 53.9 80.9
 138 120.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 43.73 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:152 Resp: 1100737
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 50.00 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

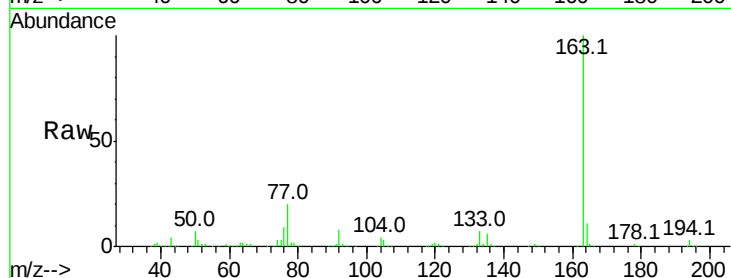
Tot Ion:163 Resp: 926083

Ion Ratio Lower Upper

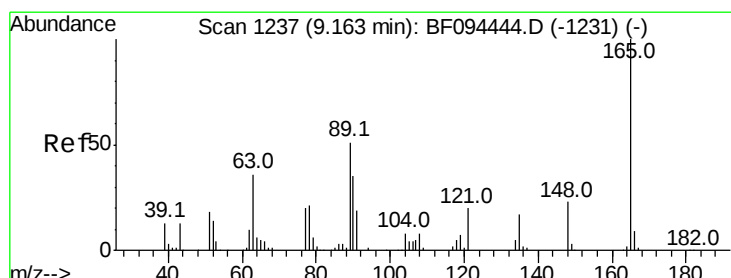
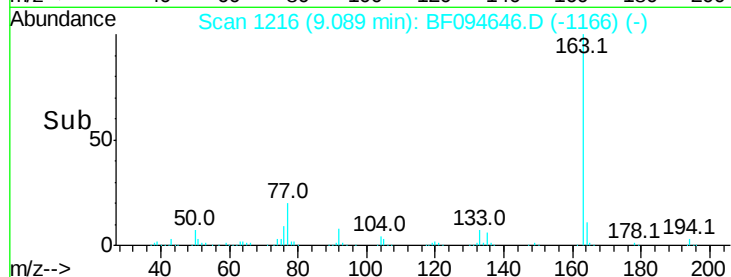
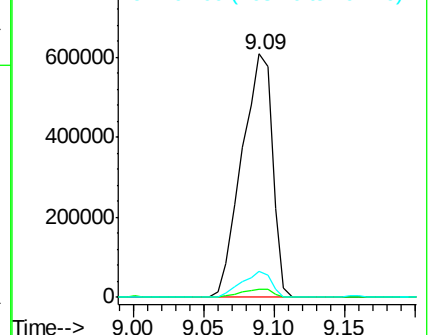
163 100

194 3.4 2.6 4.0

164 10.6 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: 48.46 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

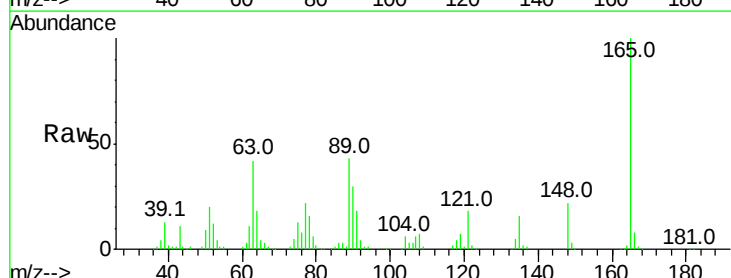
Tgt Ion:165 Resp: 201465

Ion Ratio Lower Upper

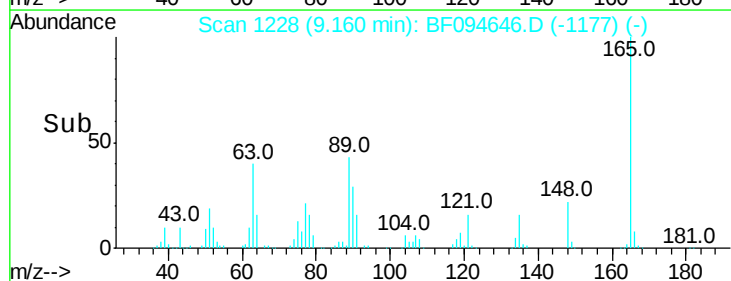
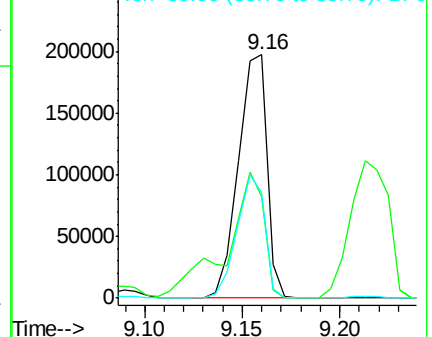
165 100

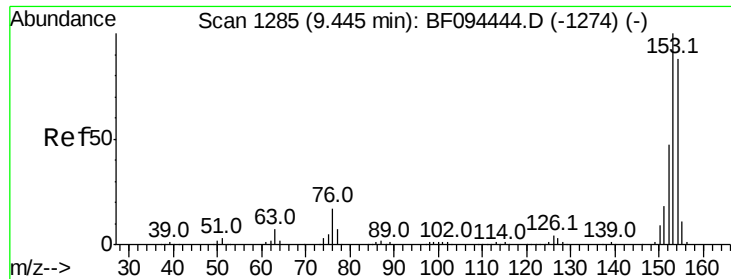
63 41.7 34.3 51.5

89 43.2 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

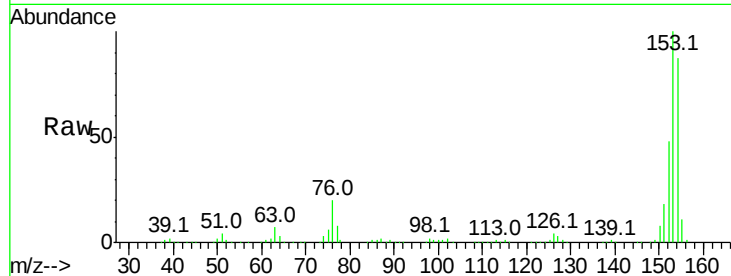




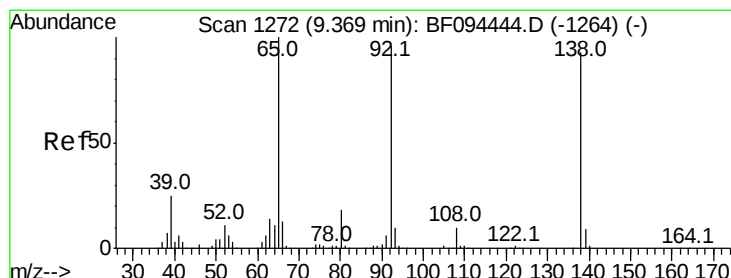
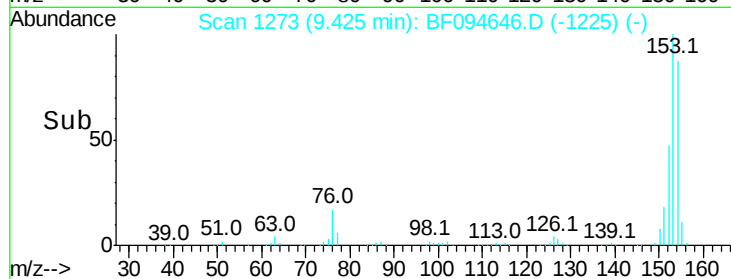
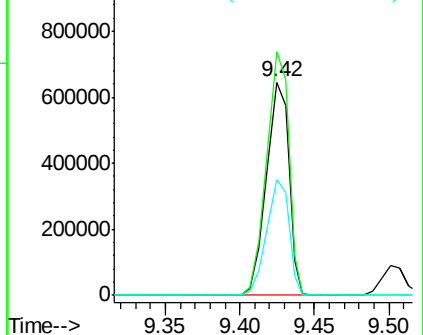
#51
Acenaphthene
Concen: 44.61 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 672441
Ion Ratio Lower Upper
154 100
153 114.3 90.5 135.7
152 54.3 43.6 65.4

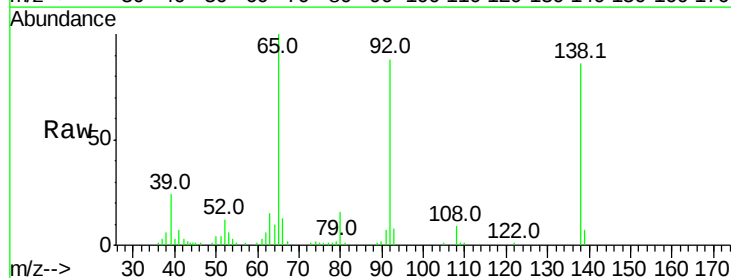


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

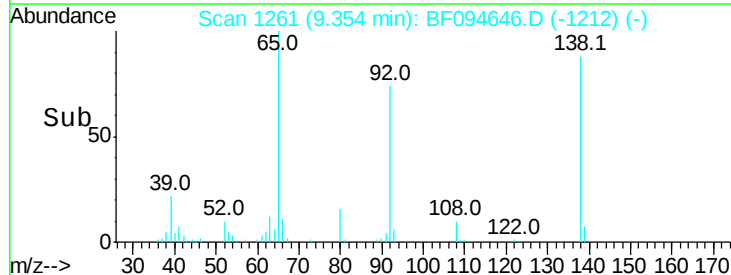
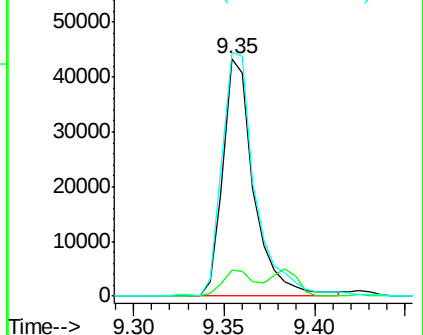


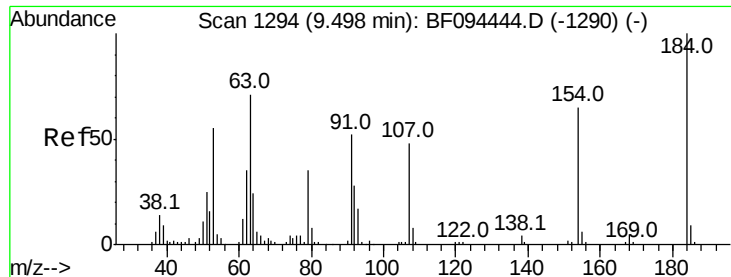
#52
3-Nitroaniline
Concen: 10.75 ng
RT: 9.35 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:138 Resp: 51708
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 102.4 93.8 140.6



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

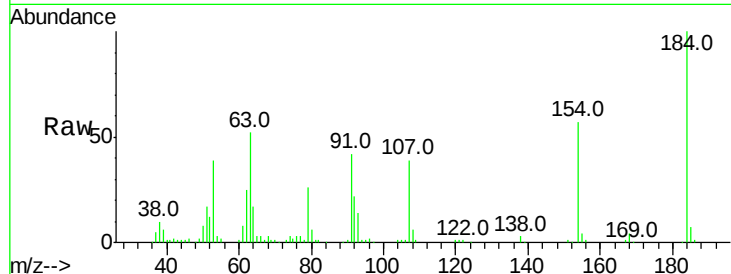




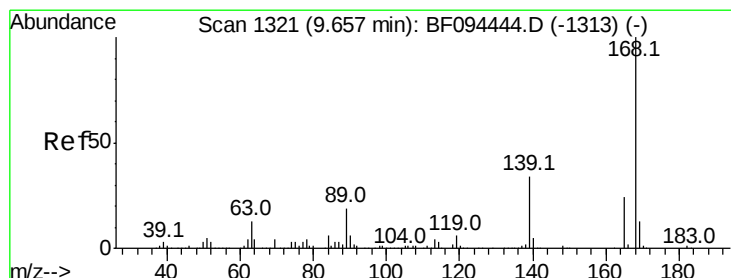
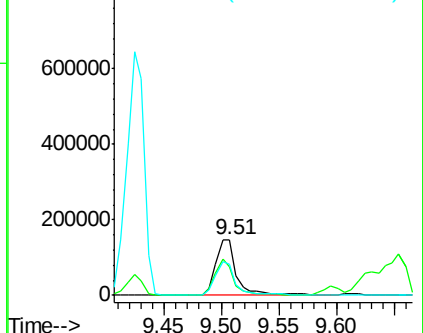
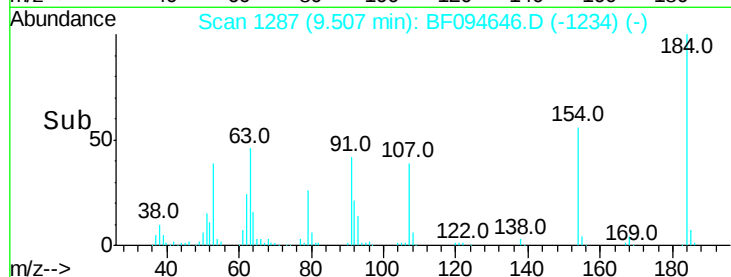
#53
 2,4-Dinitrophenol
 Concen: 83.91 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 189958
 Ion Ratio Lower Upper
 184 100
 63 51.7 62.7 94.1#
 154 56.6 81.1 121.7#

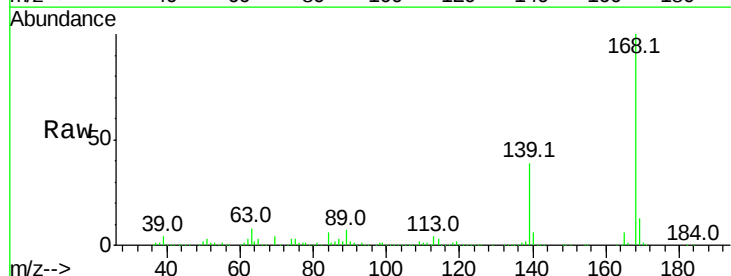


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

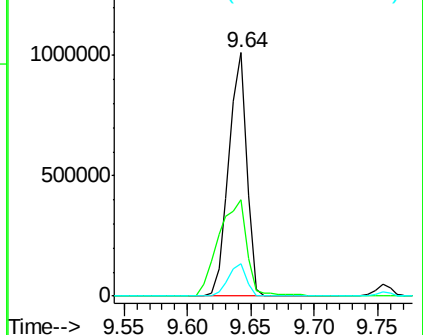
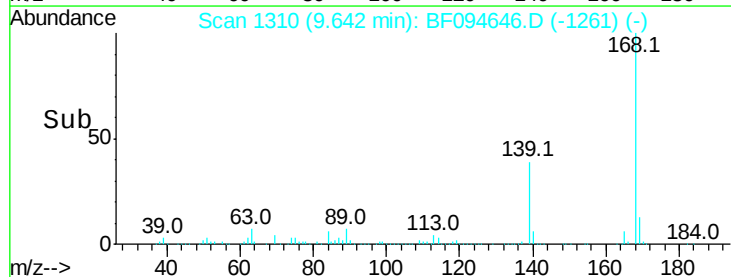


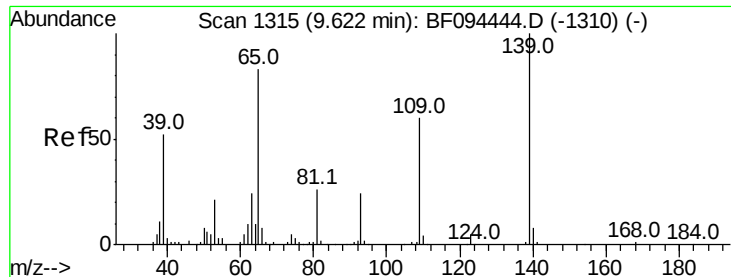
#54
 Dibenzofuran
 Concen: 45.26 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:168 Resp: 991683
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.6 45.8
 169 13.4 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 187.30 ng

RT: 9.64 min Scan# 1310

Delta R.T. 0.02 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampled :

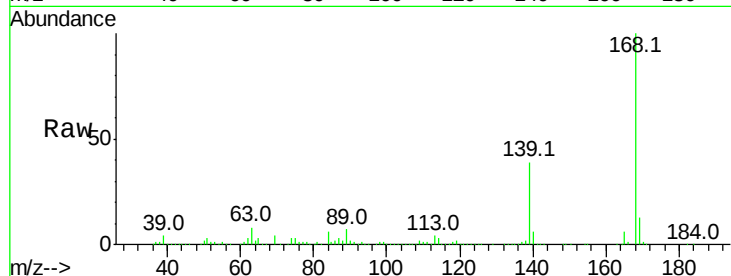
Tot Ion:139 Resp: 636423

Ion Ratio Lower Upper

139 100

109 4.3 34.1 74.1#

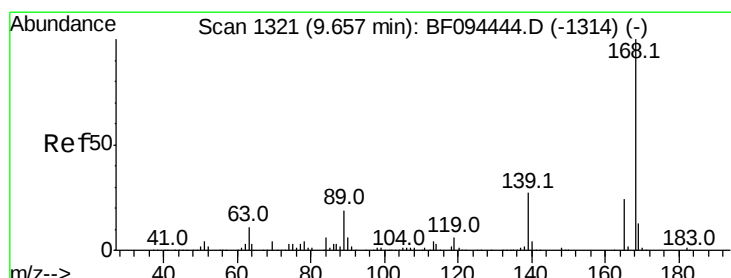
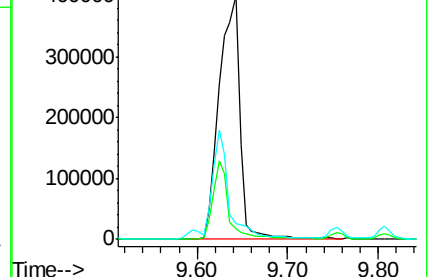
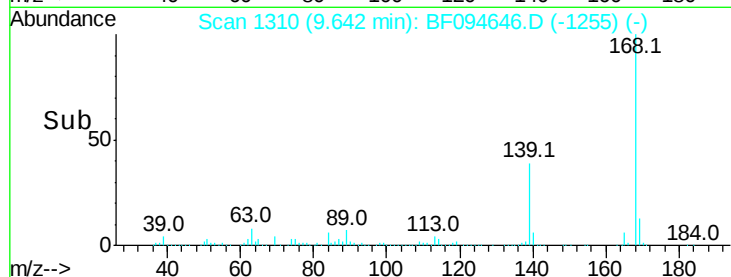
65 6.6 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 52.48 ng

RT: 9.65 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Tgt Ion:165 Resp: 267718

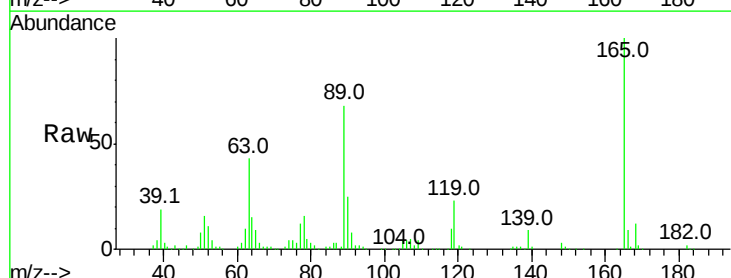
Ion Ratio Lower Upper

165 100

63 42.9 25.4 38.0#

89 68.1 46.4 69.6

182 2.5 1.8 2.6

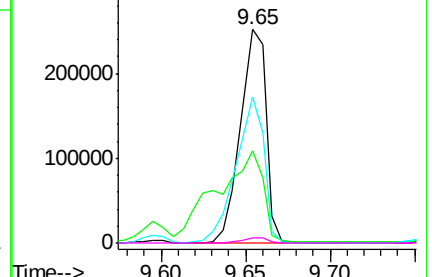
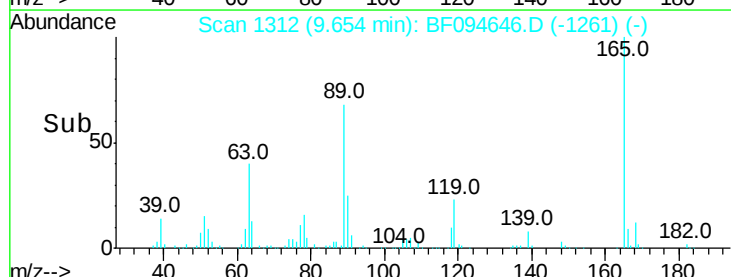


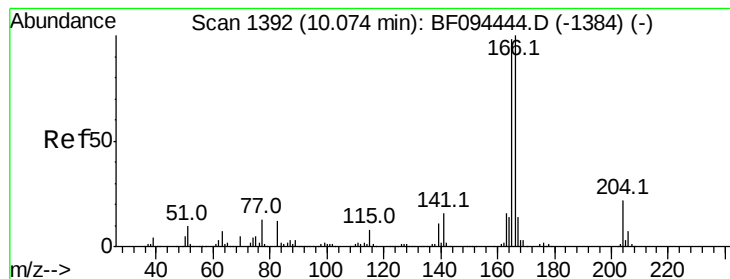
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.73 ng

RT: 10.06 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

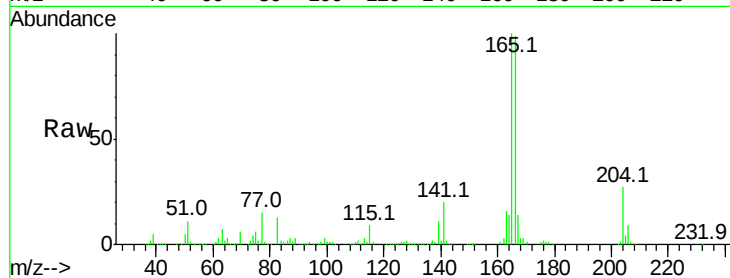
Tot Ion:166 Resp: 763169

Ion Ratio Lower Upper

166 100

165 100.6 78.8 118.2

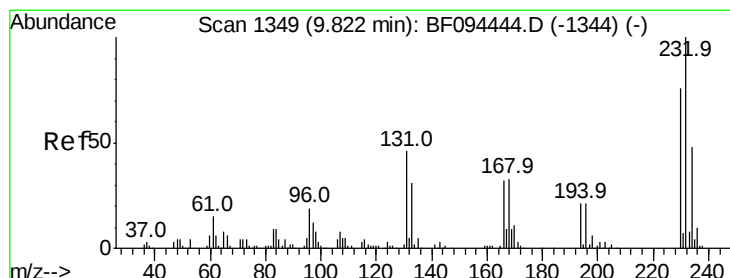
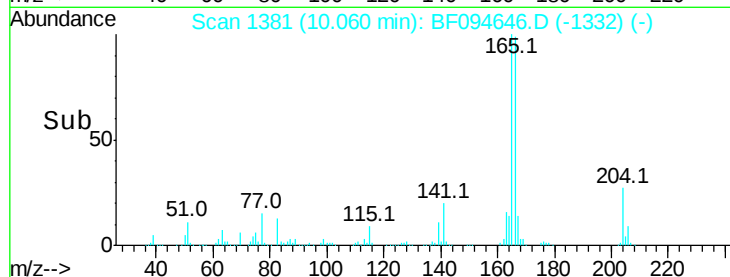
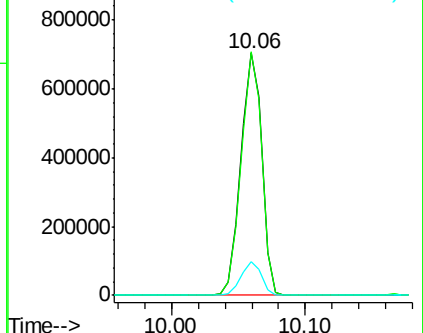
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.41 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Tgt Ion:232 Resp: 180735

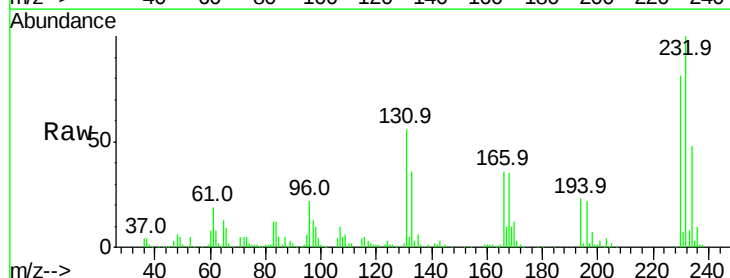
Ion Ratio Lower Upper

232 100

131 52.5 44.8 67.2

130 2.4 2.3 3.5

166 35.7 29.0 43.4

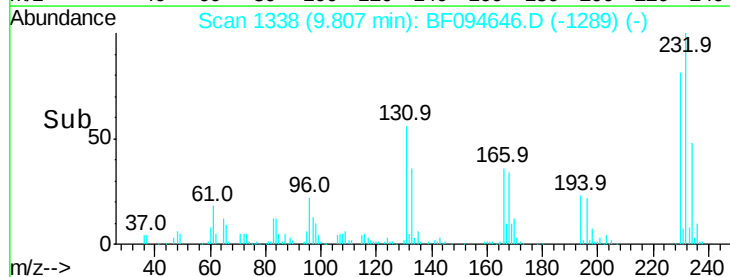
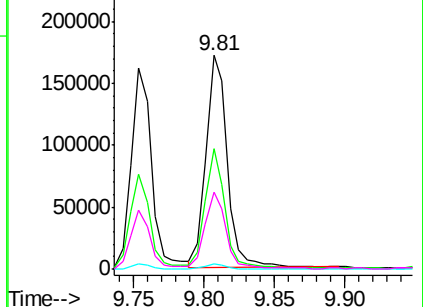


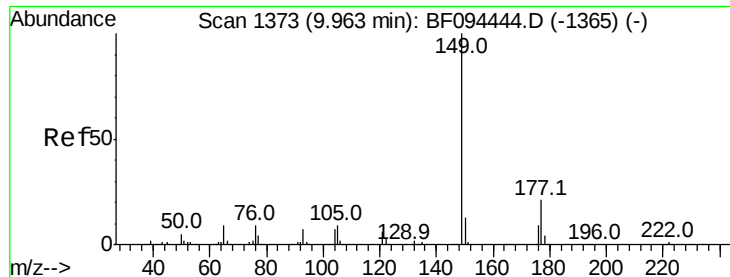
Abundance Ion 232.00 (231.70 to 232.70): E

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

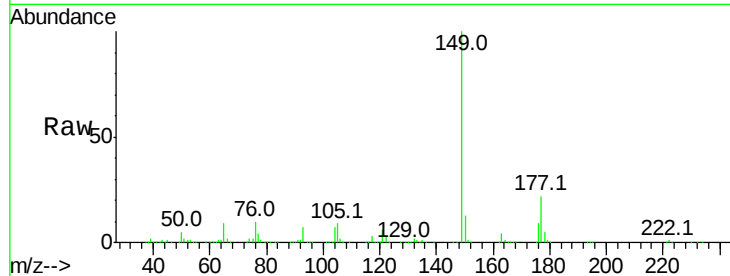




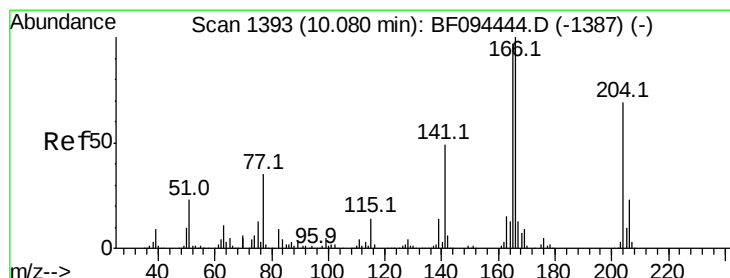
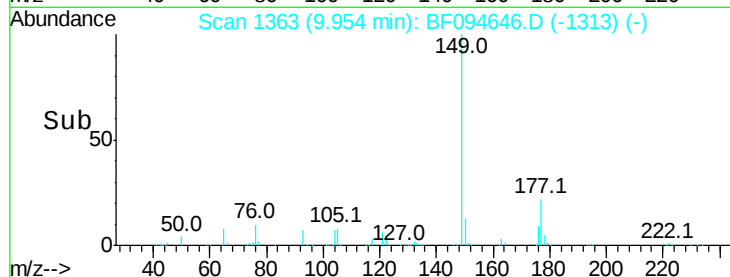
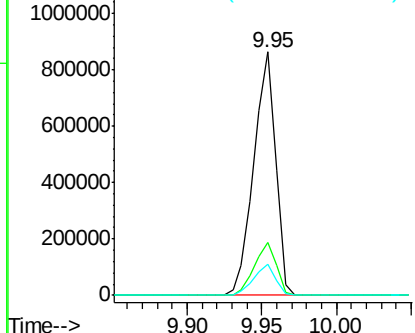
#59
Diethylphthalate
Concen: 49.67 ng
RT: 9.95 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 868058
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.7 10.2 15.2

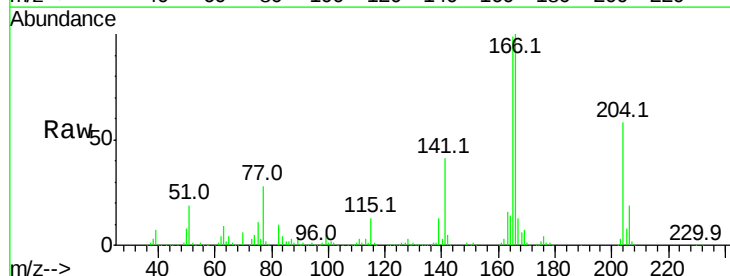


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

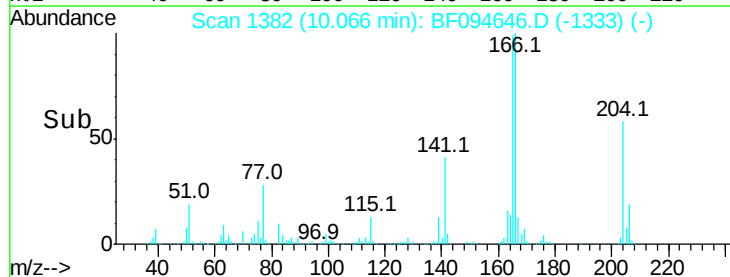
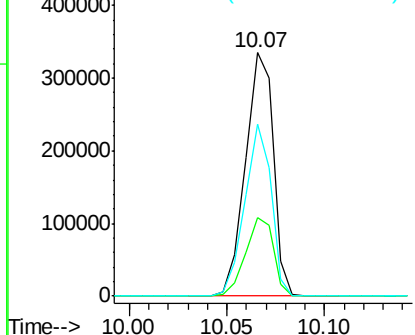


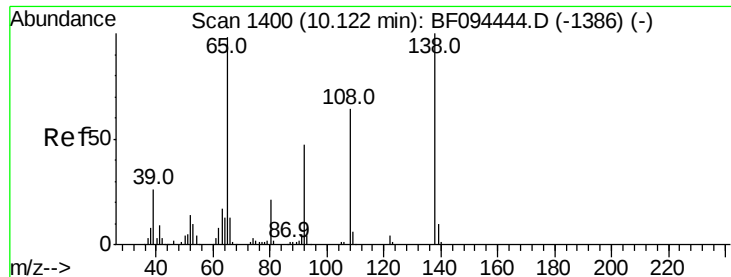
#60
4-Chlorophenyl-phenylether
Concen: 46.85 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:204 Resp: 332666
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 70.6 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

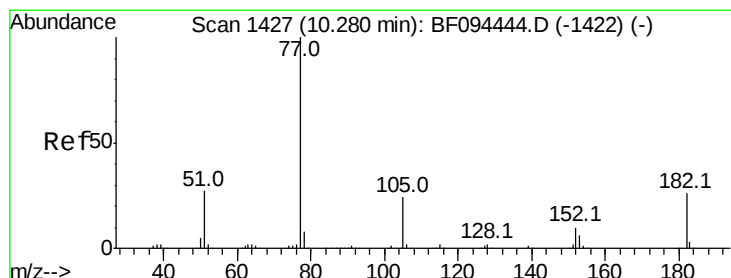
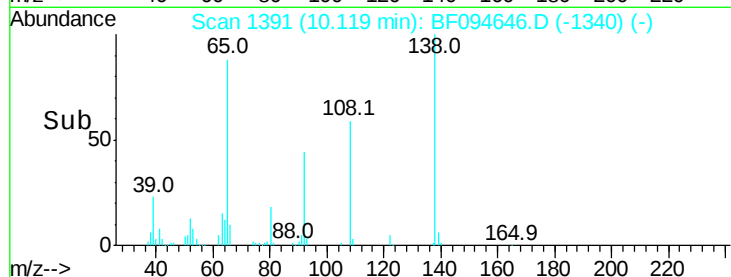
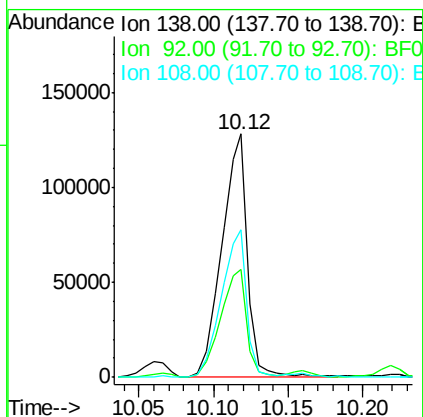
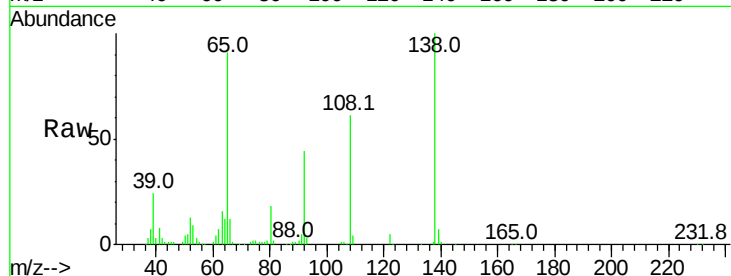




#61
4-Nitroaniline
Concen: 31.74 ng
RT: 10.12 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

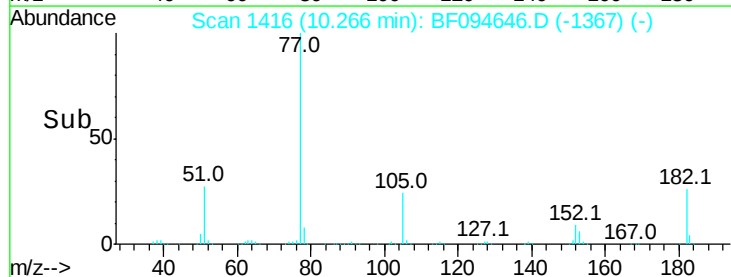
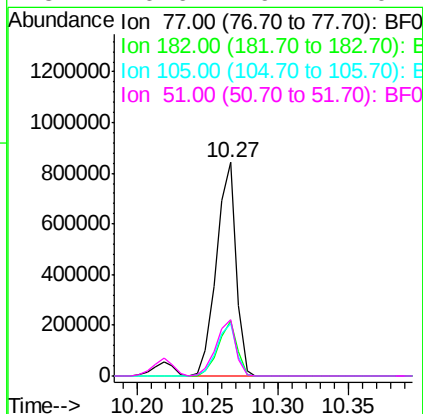
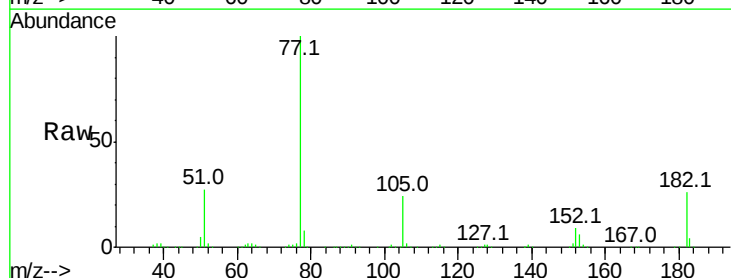
Instrument :
BNA_F
ClientSampled :

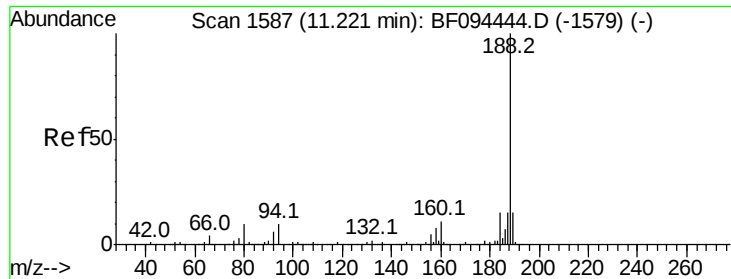
Tot Ion:138 Resp: 155192
Ion Ratio Lower Upper
138 100
92 44.1 21.8 61.8
108 60.6 42.3 82.3



#62
Azobenzene
Concen: 47.94 ng
RT: 10.27 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion: 77 Resp: 813455
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 24.4 3.6 43.6
51 26.6 9.4 49.4

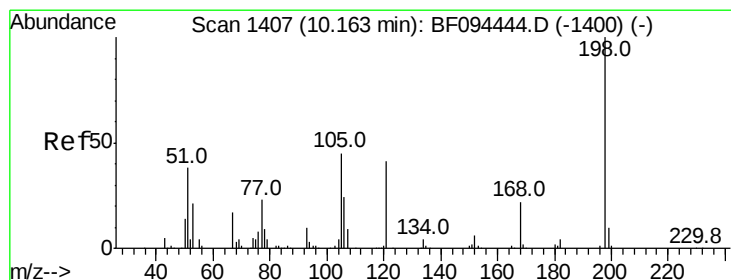
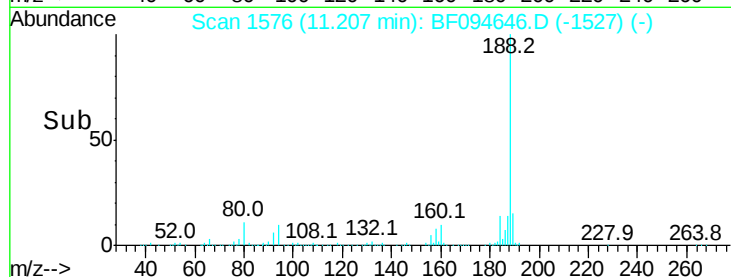
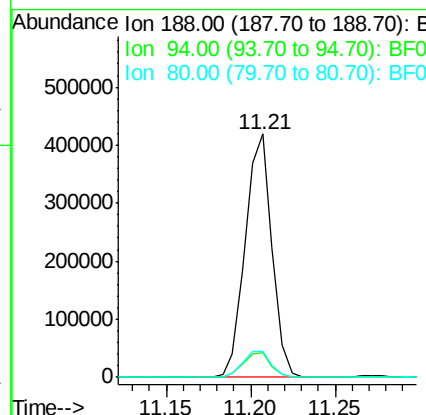
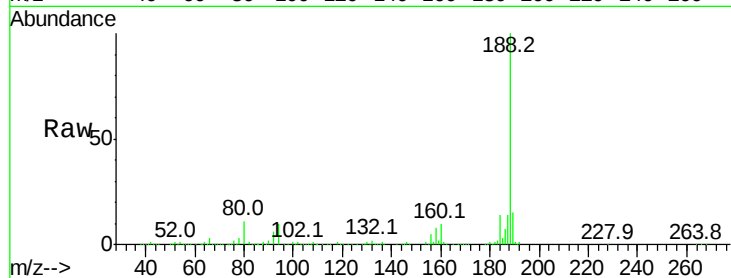




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

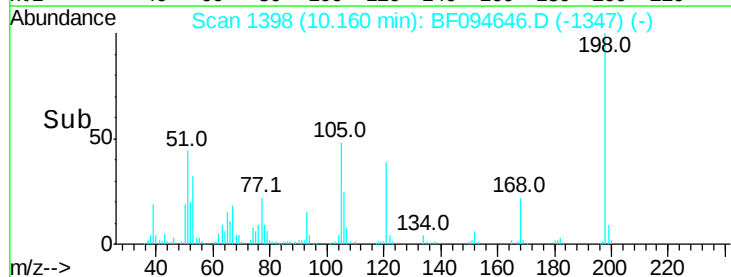
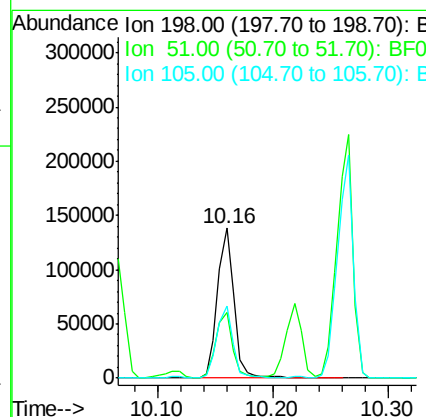
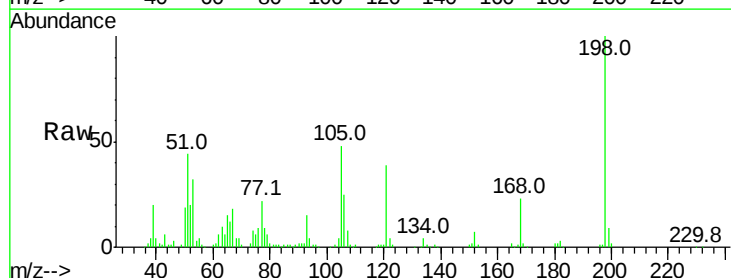
Instrument :
BNA_F
ClientSampleId :

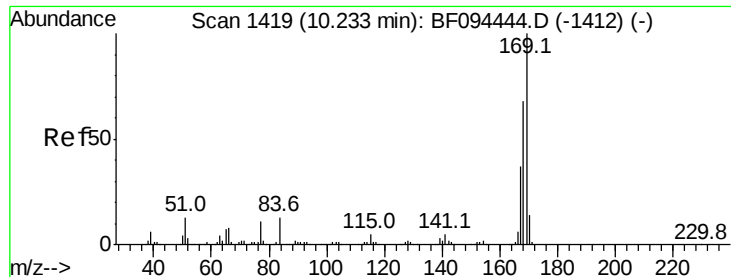
Tot Ion:188 Resp: 460290
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 45.80 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:198 Resp: 138124
Ion Ratio Lower Upper
198 100
51 43.9 53.2 93.2#
105 48.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 32.12 ng

RT: 10.22 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

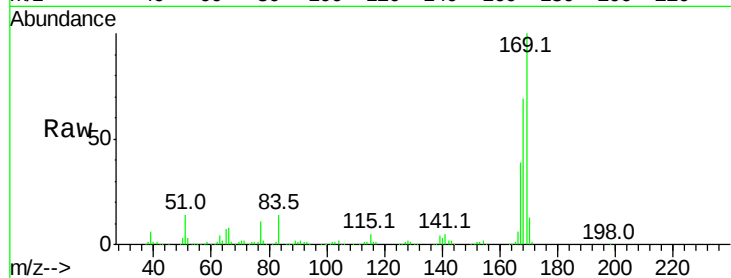
Tot Ion:169 Resp: 514132

Ion Ratio Lower Upper

169 100

168 69.1 53.2 79.8

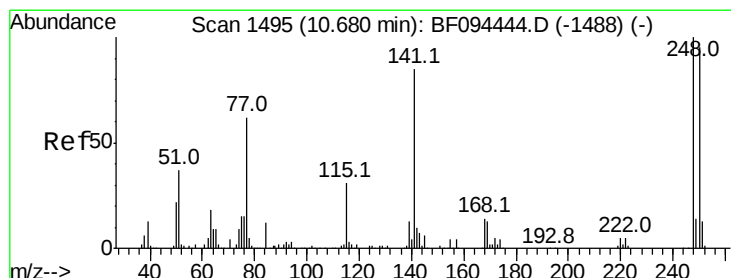
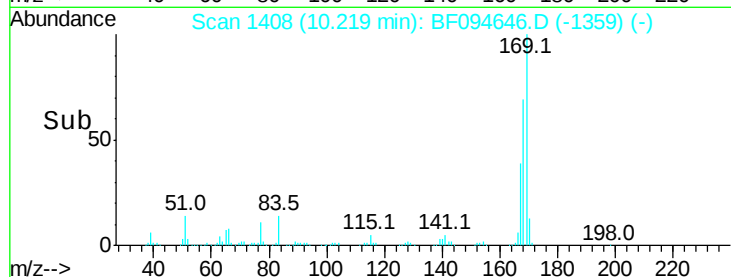
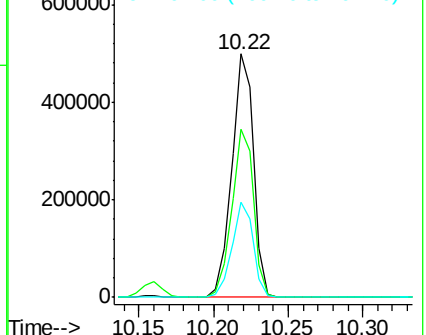
167 38.8 29.5 44.3



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: 47.00 ng

RT: 10.67 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

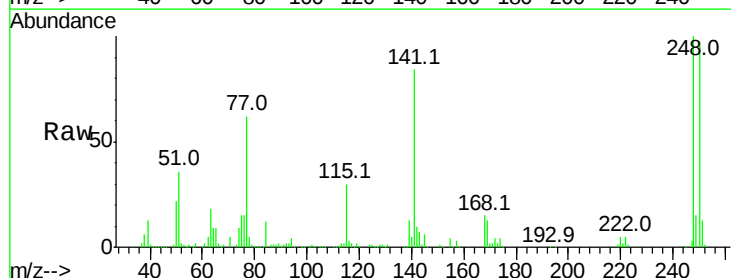
Tgt Ion:248 Resp: 214826

Ion Ratio Lower Upper

248 100

250 96.9 76.8 115.2

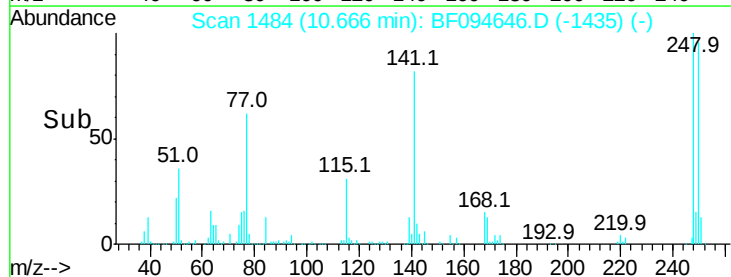
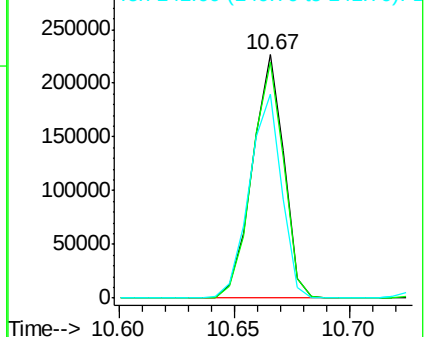
141 83.6 68.6 103.0

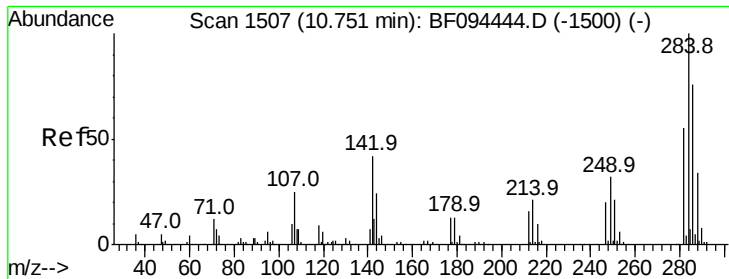


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

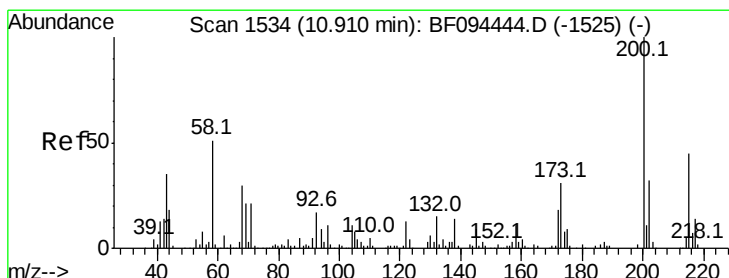
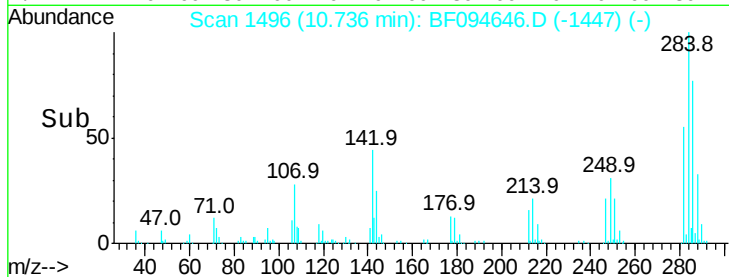
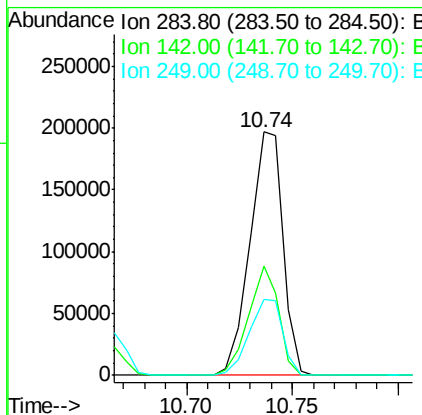
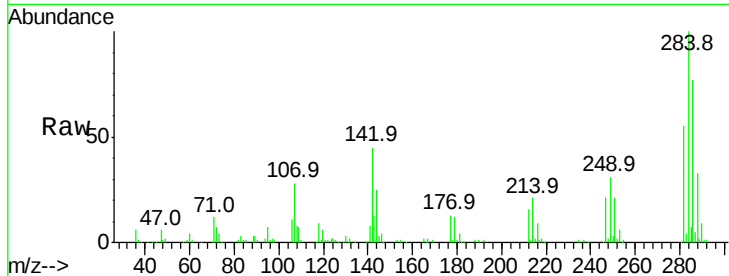




#67
Hexachlorobenzene
Concen: 46.68 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

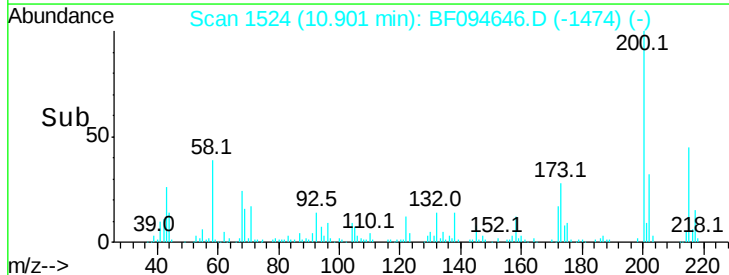
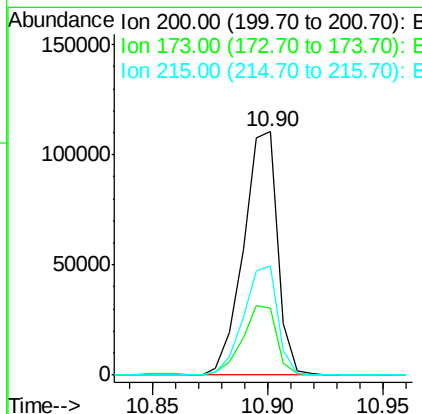
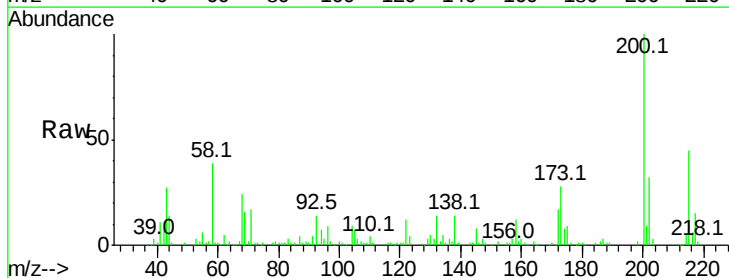
Instrument :
BNA_F
ClientSampled :

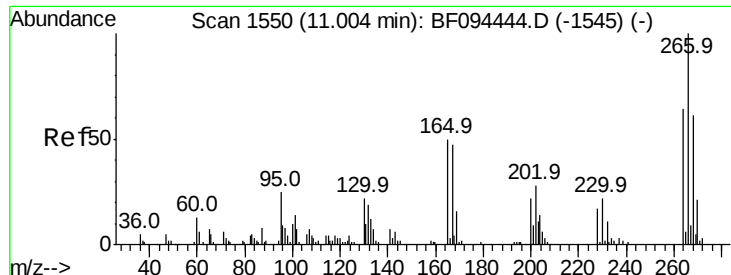
Tot Ion	Ratio	Lower	Upper
284	100		
142	44.6	22.8	34.2#
249	31.3	24.0	36.0



#68
Atrazine
Concen: 23.82 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.3	46.3
215	44.7	27.2	67.2

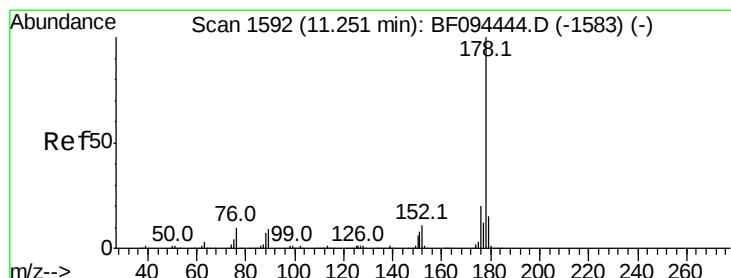
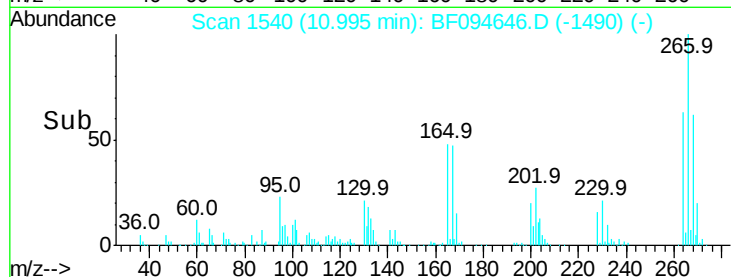
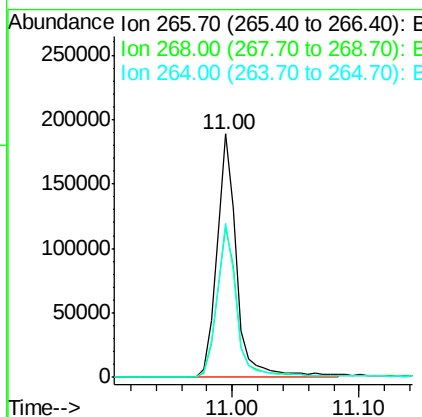
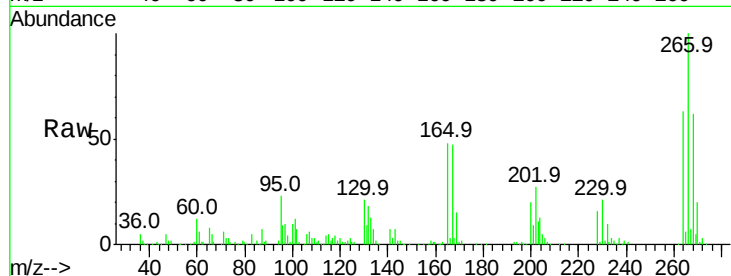




#69
 Pentachlorophenol
 Concen: 113.75 ng
 RT: 11.00 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

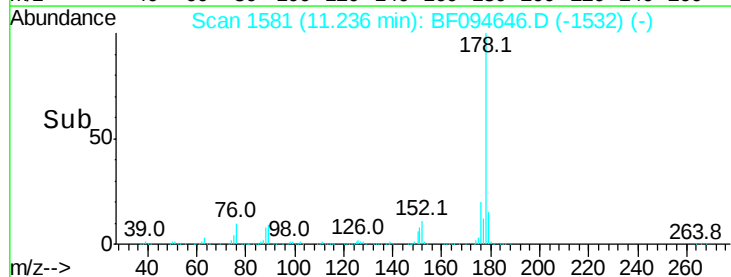
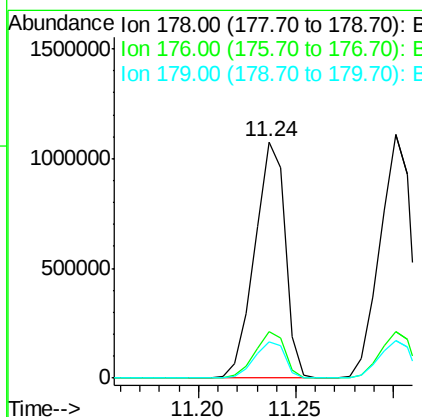
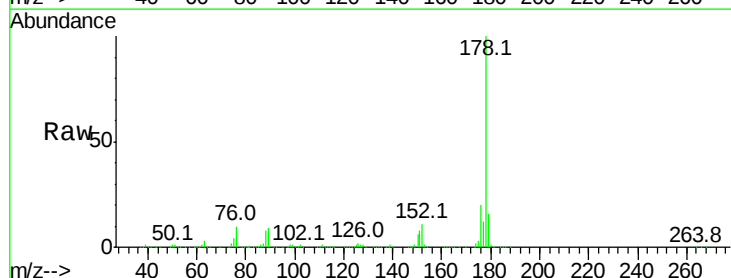
Instrument :
 BNA_F
 ClientSampleId :

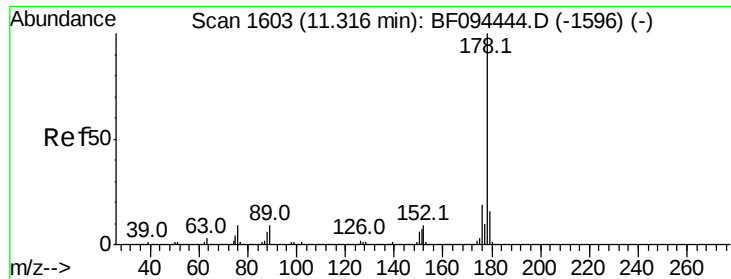
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	63.1	51.7	77.5



#70
 Phenanthrene
 Concen: 44.86 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0

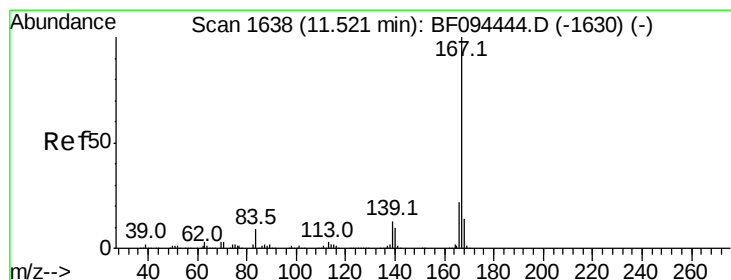
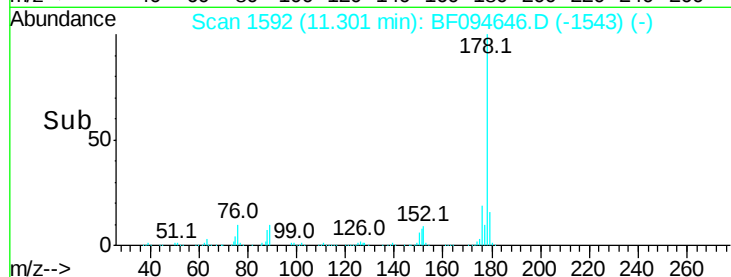
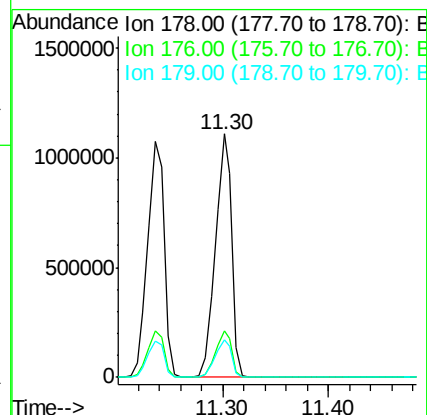
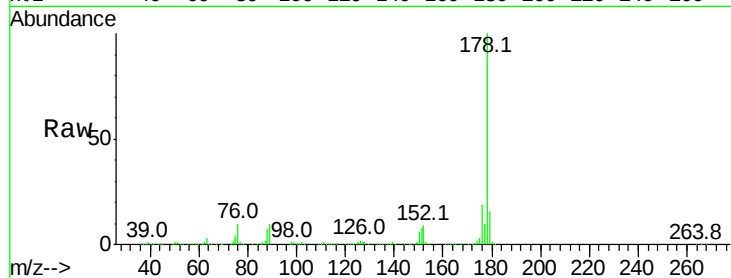




#71
 Anthracene
 Concen: 45.24 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

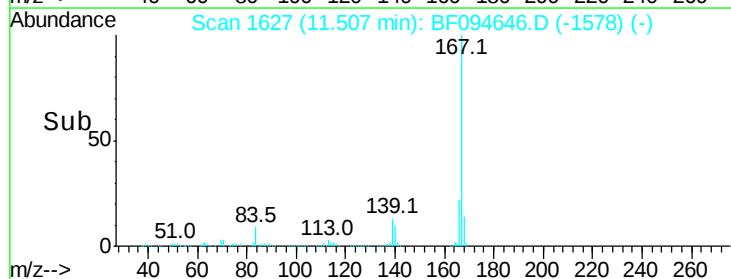
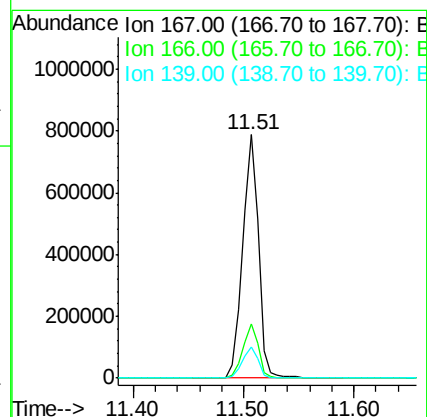
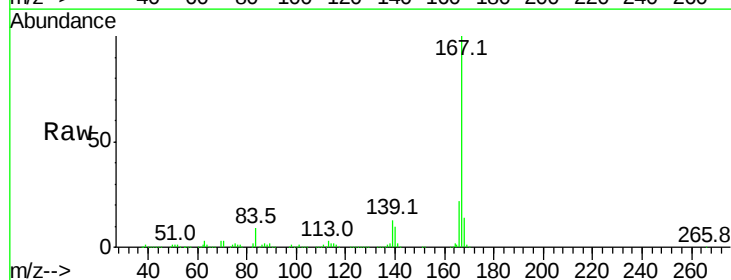
Instrument :
 BNA_F
 ClientSampled :

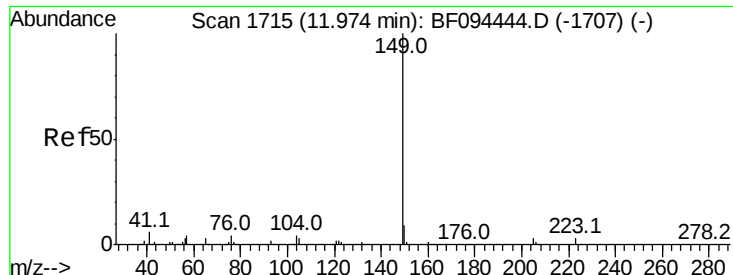
Tot Ion:178 Resp: 1212861
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 31.67 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:167 Resp: 797073
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.0 11.7 17.5

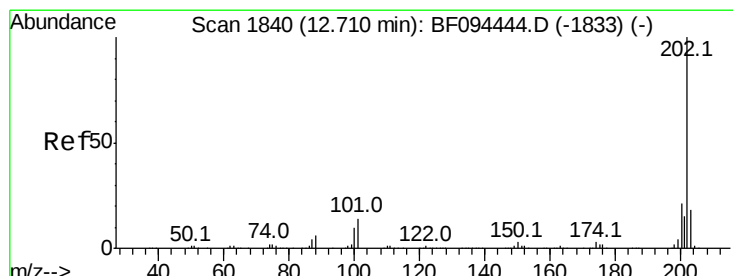
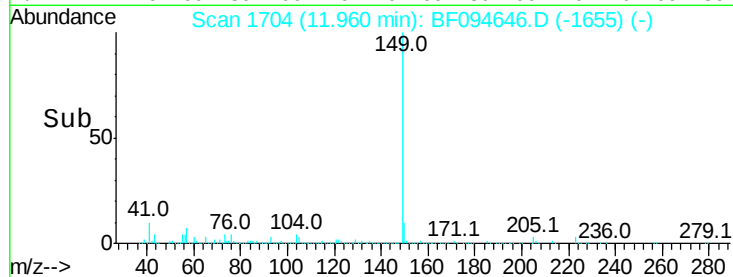
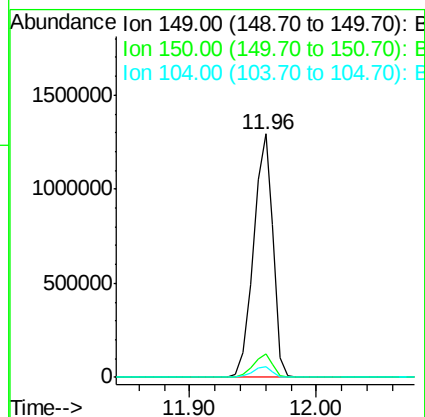
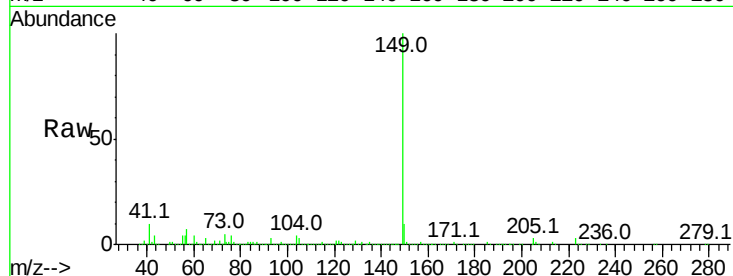




#73
Di-n-butylphthalate
Concen: 49.88 ng
RT: 11.96 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

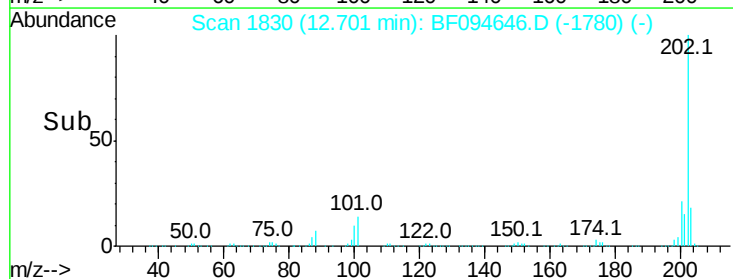
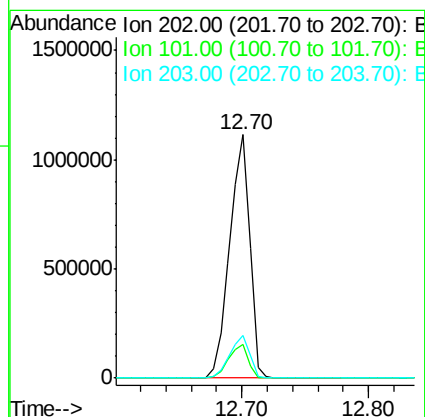
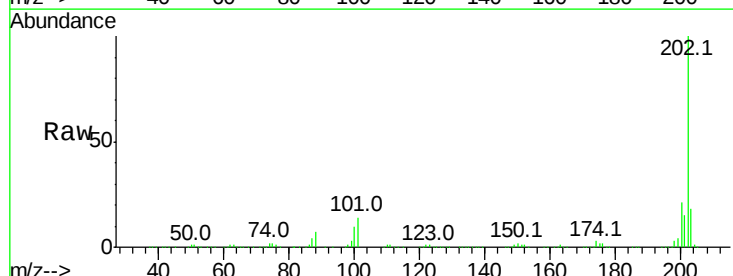
Instrument :
BNA_F
ClientSampleId :

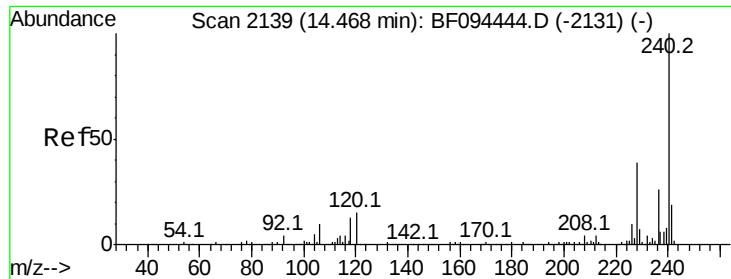
Tot Ion:149 Resp: 1382106
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 45.21 ng
RT: 12.70 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:202 Resp: 1214654
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampled :

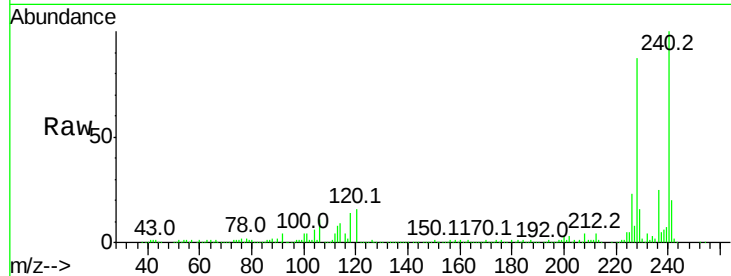
Tot Ion:240 Resp: 382941

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

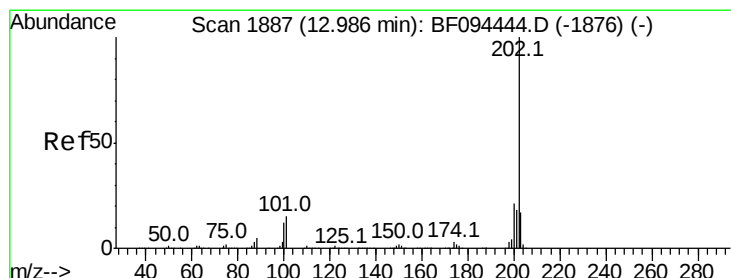
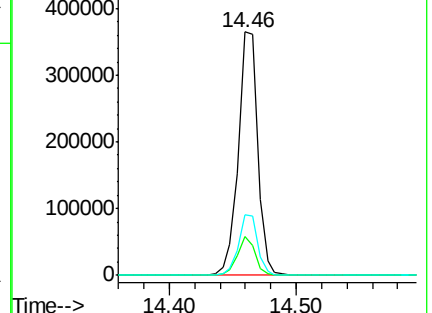
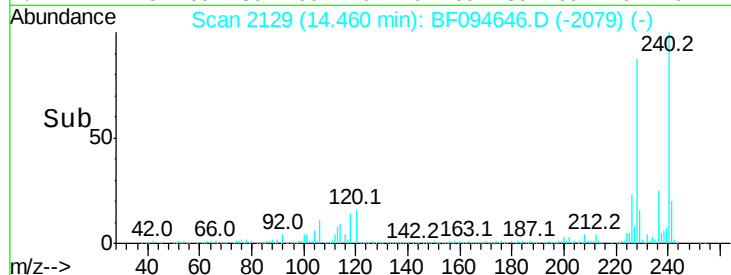
236 25.0 20.5 30.7



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: 45.44 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

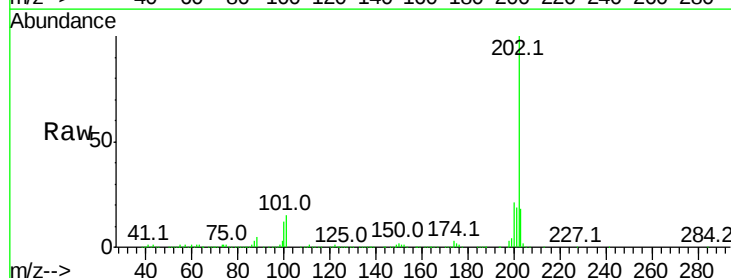
Tgt Ion:202 Resp: 1215801

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

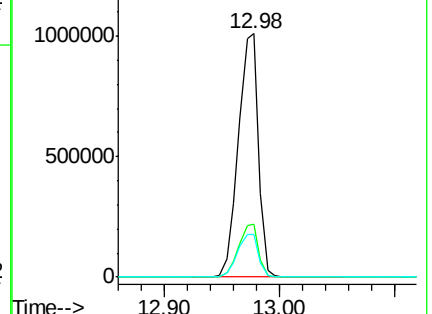
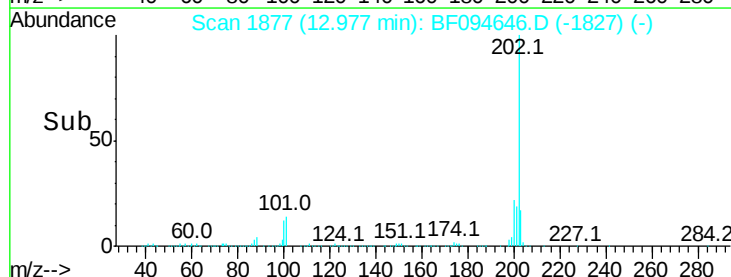
203 17.5 14.4 21.6

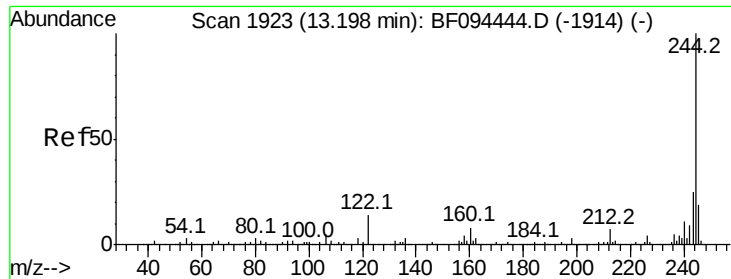


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 99.07 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampled :

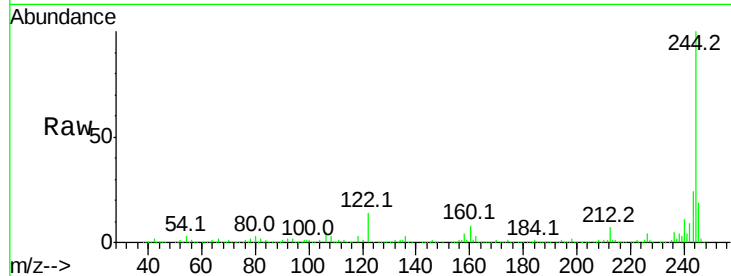
Tot Ion:244 Resp: 1419354

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

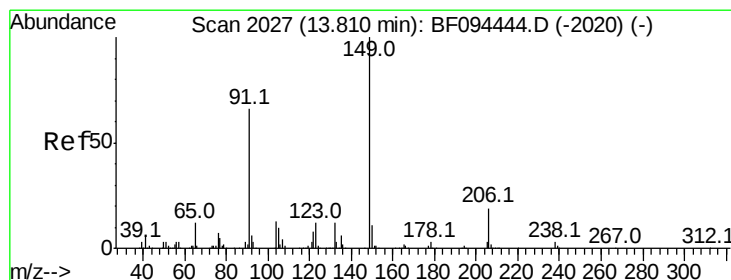
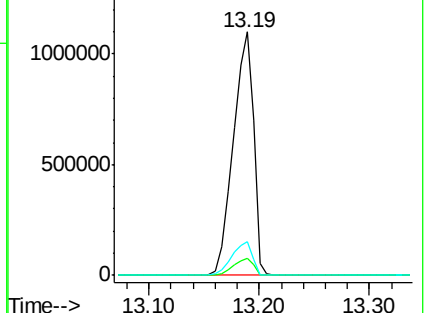
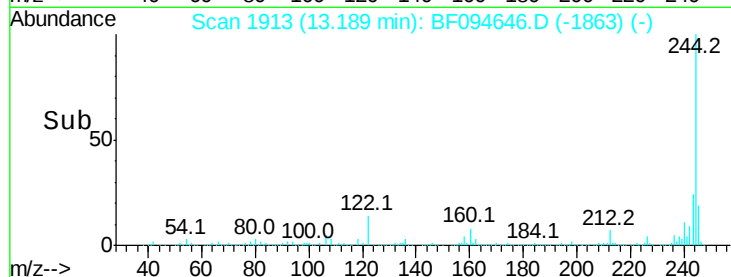
122 13.8 10.3 15.5



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: 52.31 ng

RT: 13.79 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

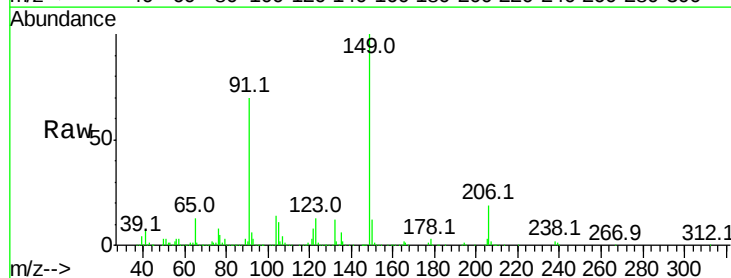
Tgt Ion:149 Resp: 613299

Ion Ratio Lower Upper

149 100

91 69.8 45.0 67.4#

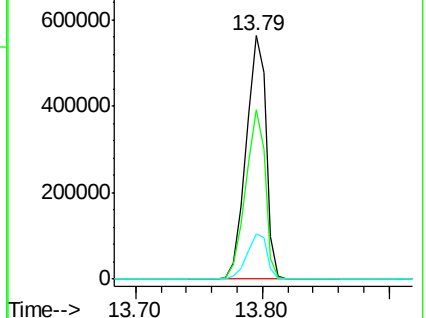
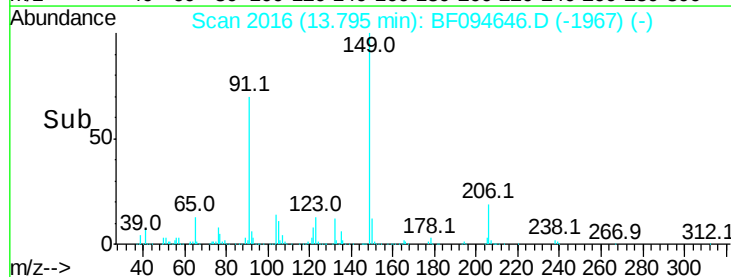
206 18.5 17.0 25.6

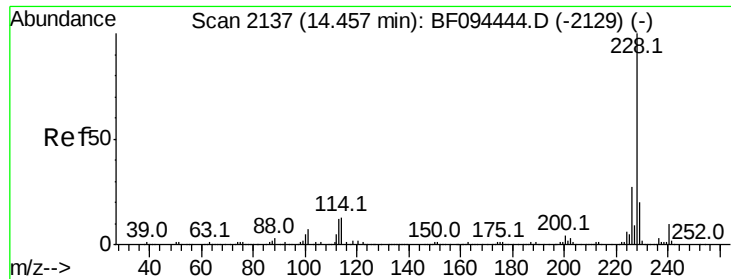


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

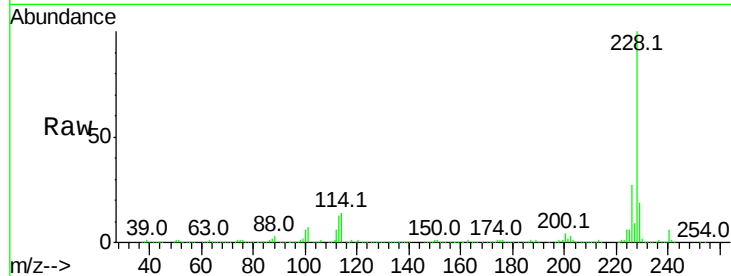




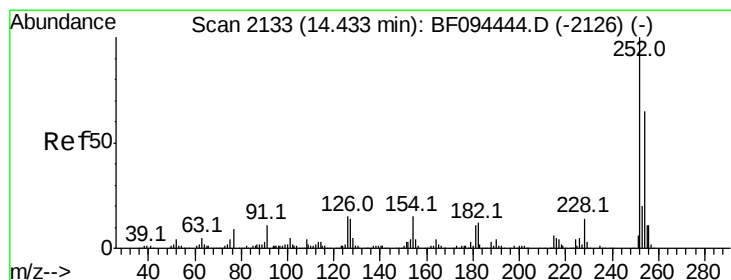
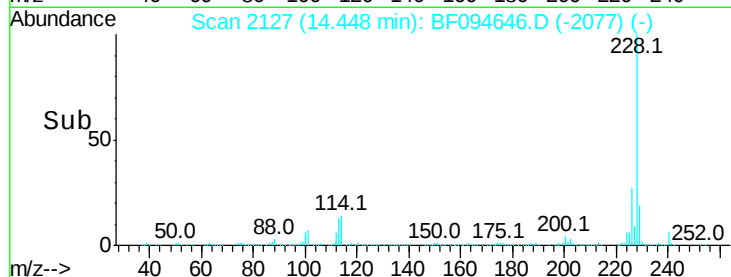
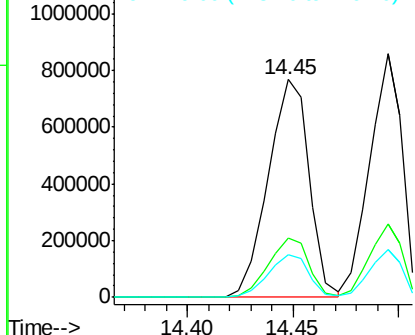
#80
Benzo(a)anthracene
Concen: 46.43 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1033351
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.4 16.3 24.5

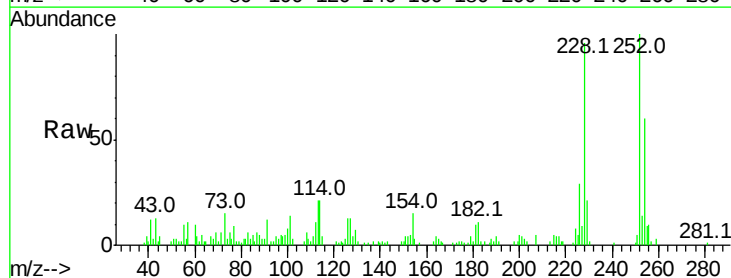


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

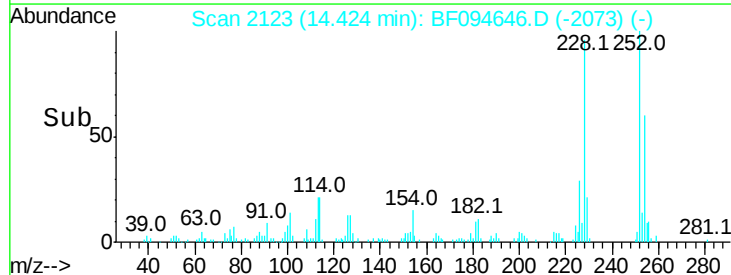
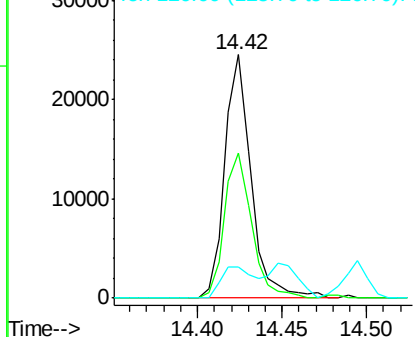


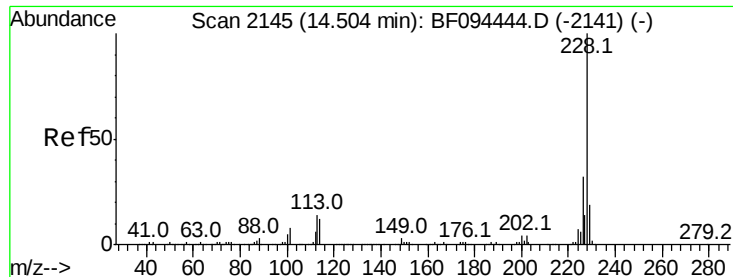
#81
3,3'-Dichlorobenzidine
Concen: 3.37 ng
RT: 14.42 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:252 Resp: 26551
Ion Ratio Lower Upper
252 100
254 59.6 51.5 77.3
126 12.6 15.8 23.8#



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





#82

Chrysene

Concen: 45.77 ng

RT: 14.49 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

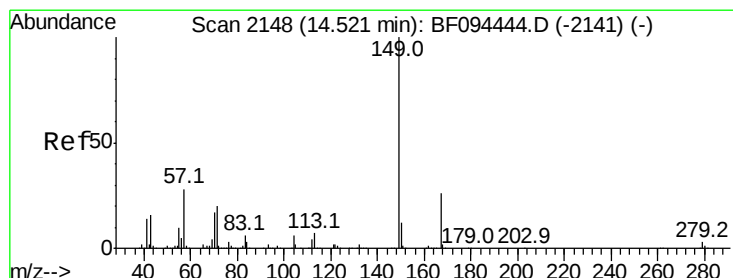
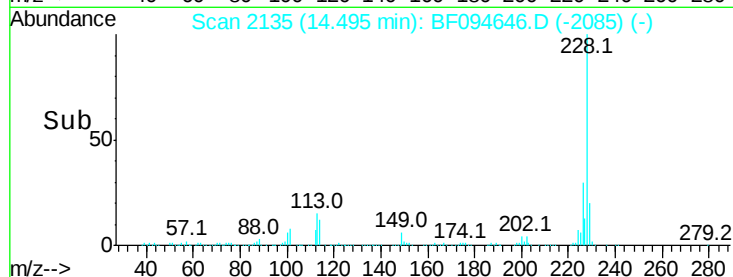
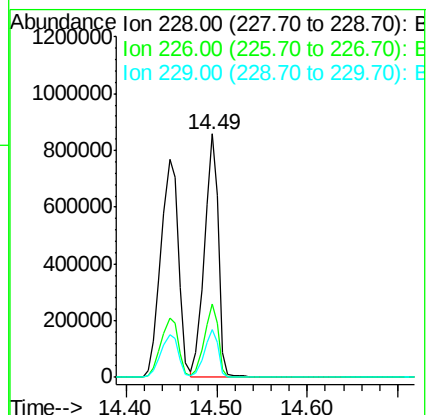
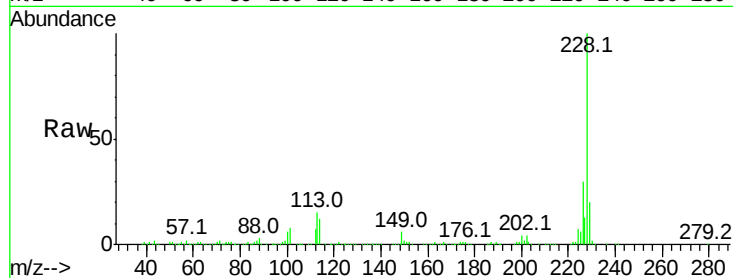
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 931076

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.7	15.8	23.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 55.44 ng

RT: 14.51 min Scan# 2138

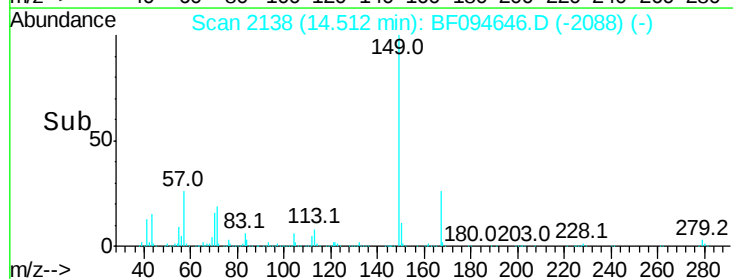
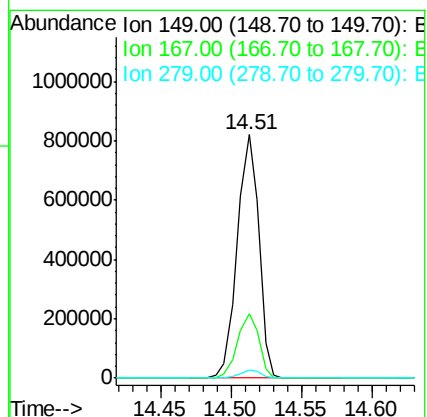
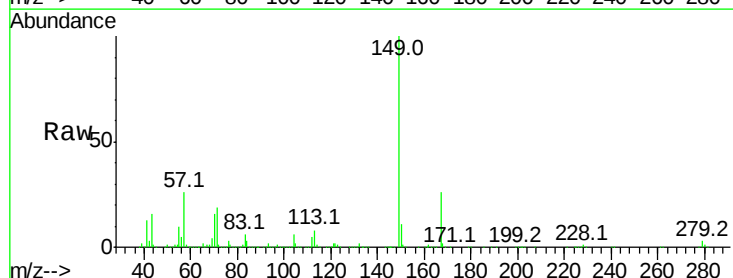
Delta R.T. -0.01 min

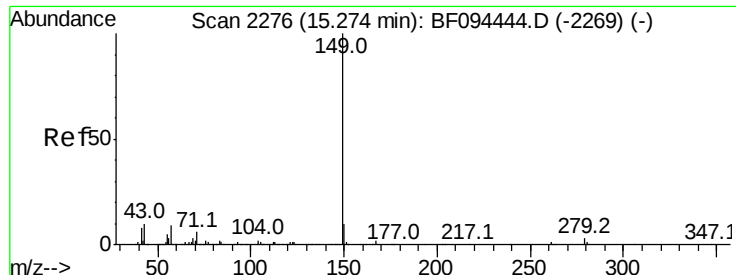
Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Tgt Ion:149 Resp: 872801

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.2	1.9	2.9#

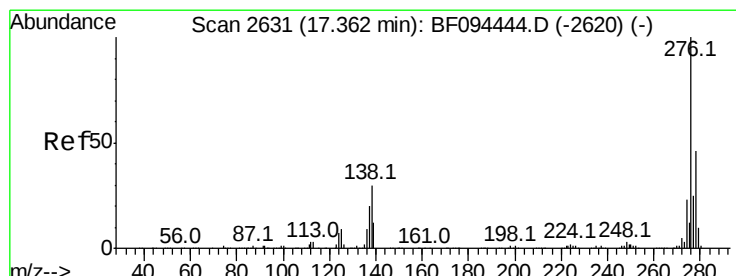
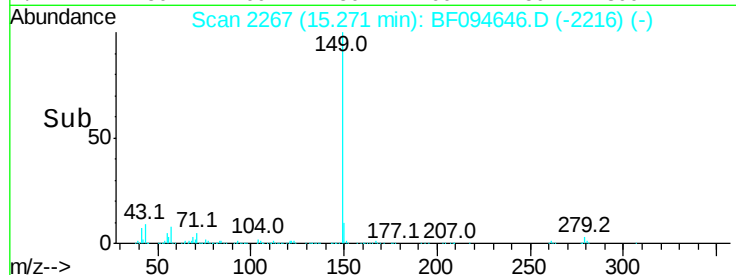
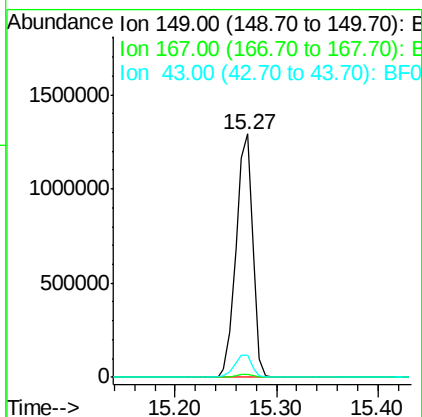
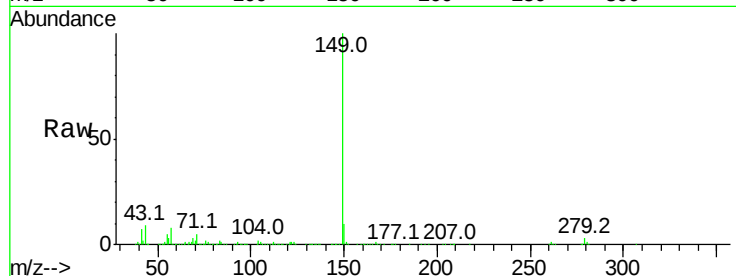




#84
 Di-n-octyl phthalate
 Concen: 55.66 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

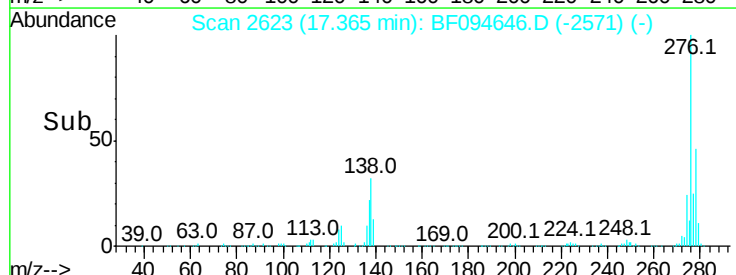
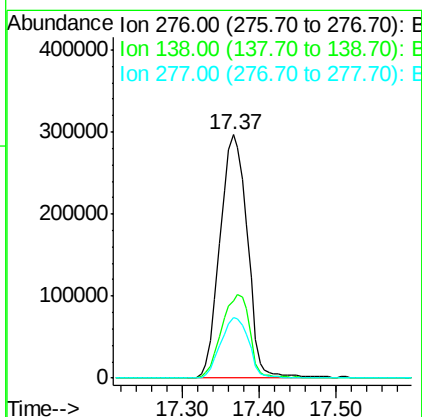
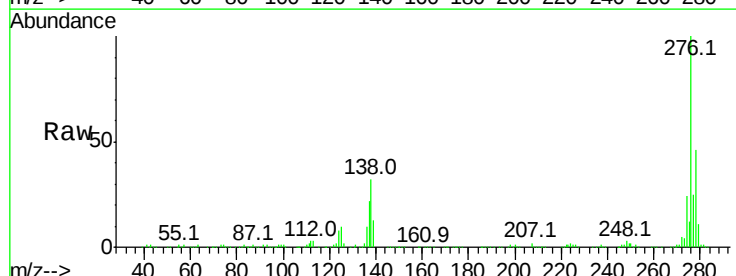
Instrument :
 BNA_F
 ClientSampleId :

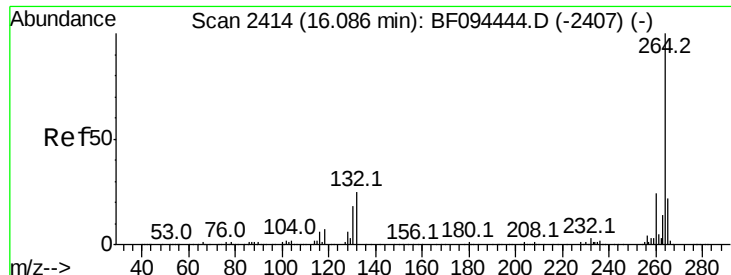
Tot Ion:149 Resp: 1469877
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.5 12.7



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.01 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:276 Resp: 735602
 Ion Ratio Lower Upper
 276 100
 138 35.5 27.8 41.6
 277 25.5 20.2 30.4

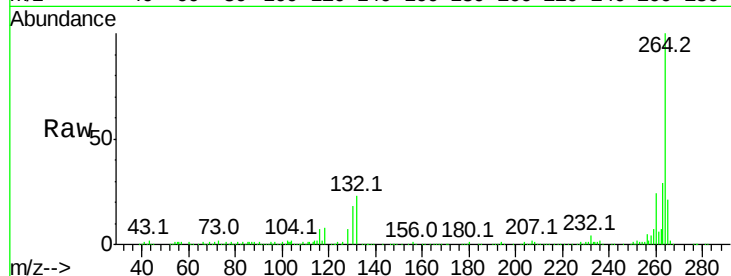




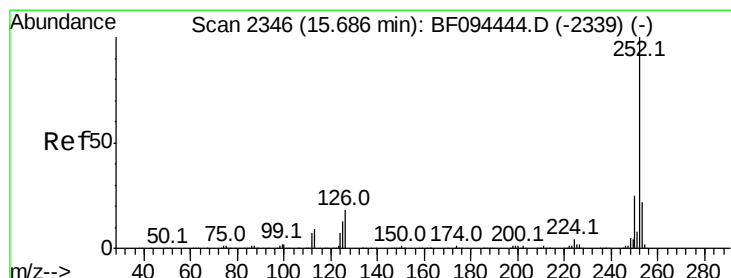
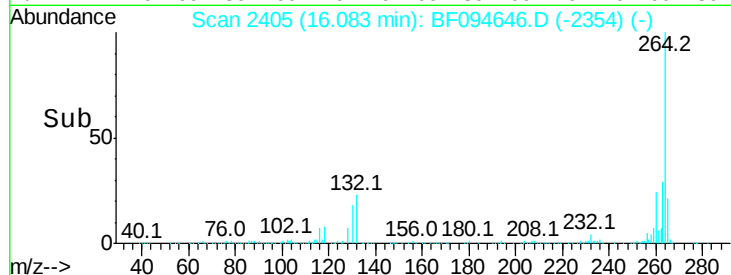
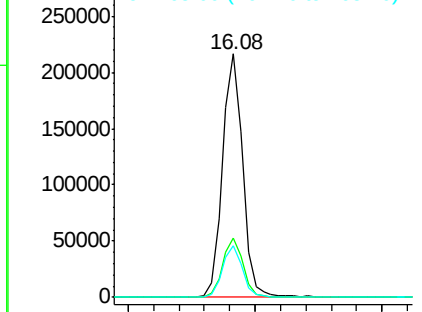
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.2	25.8

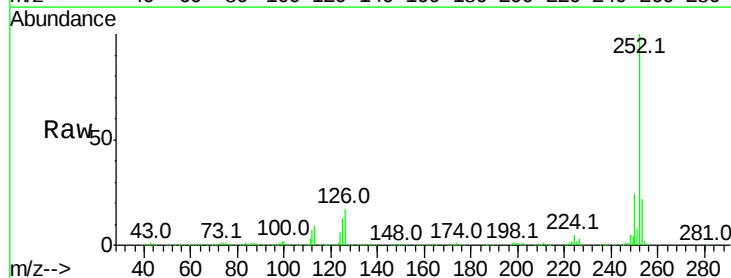


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

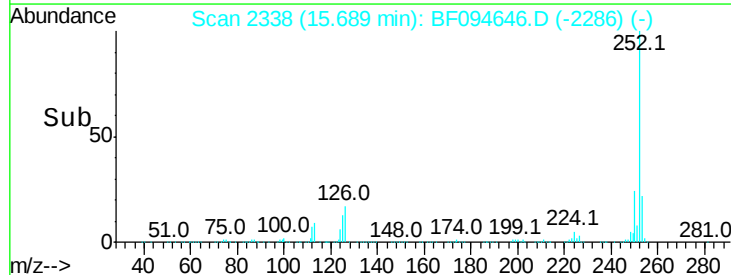
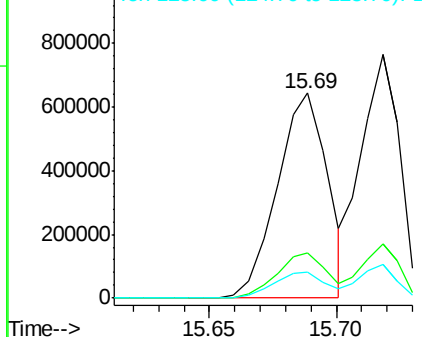


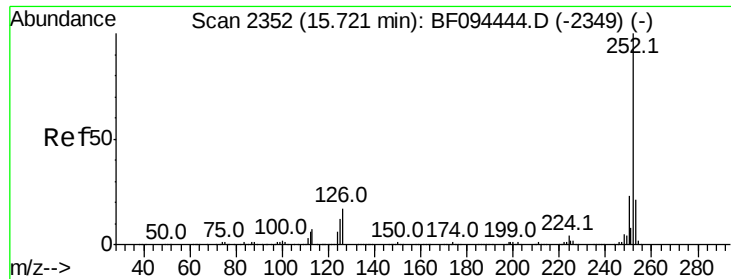
#87
Benzo(b)fluoranthene
Concen: 60.35 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.9	9.8	14.8



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

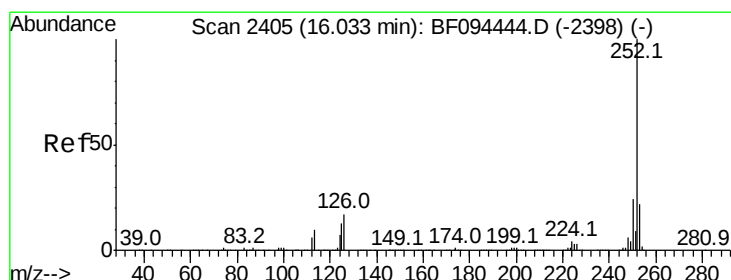
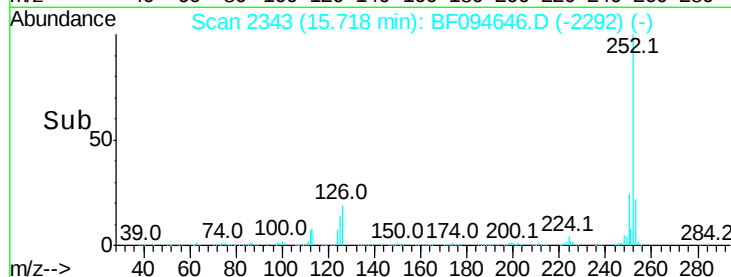
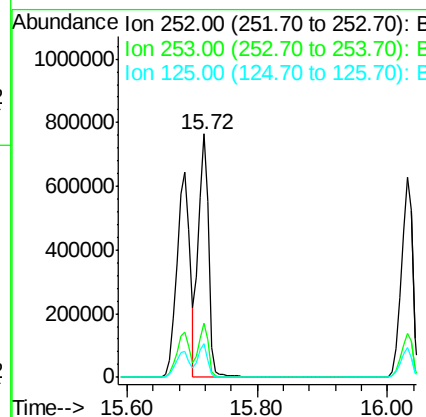
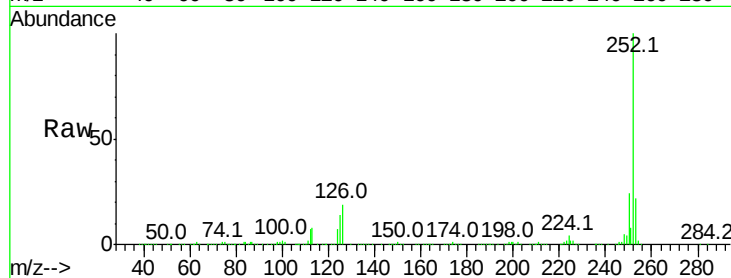




#88
Benzo(k)fluoranthene
Concen: 60.26 ng
RT: 15.72 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

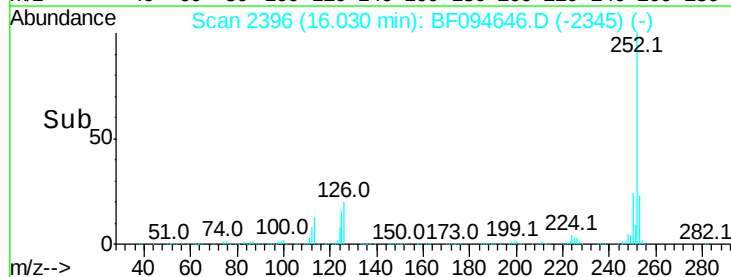
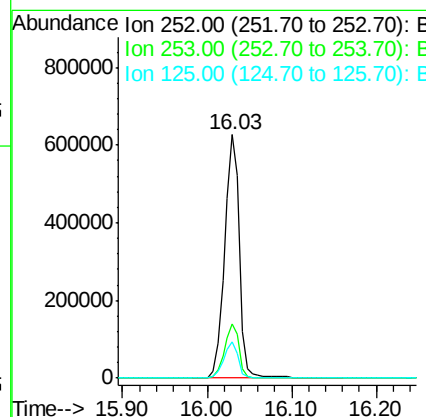
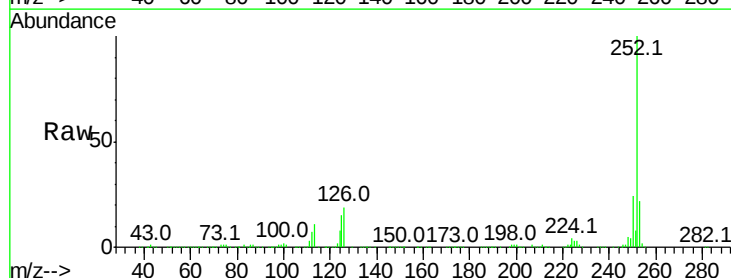
Instrument :
BNA_F
ClientSampled :

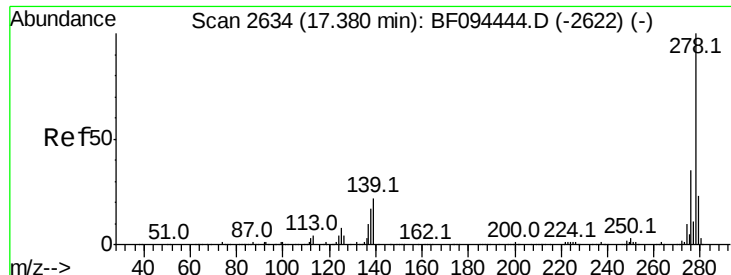
Tot Ion:252 Resp: 838291
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.8 13.1 19.7



#89
Benzo(a)pyrene
Concen: 55.82 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:252 Resp: 763439
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 14.9 11.0 16.4

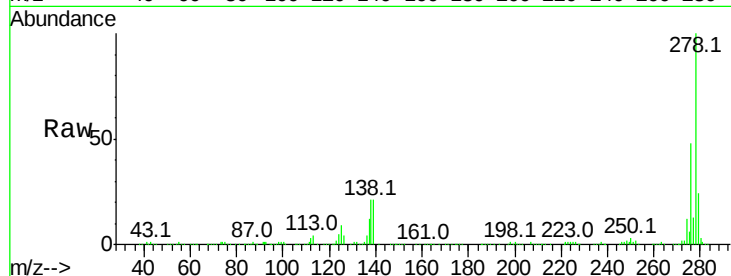




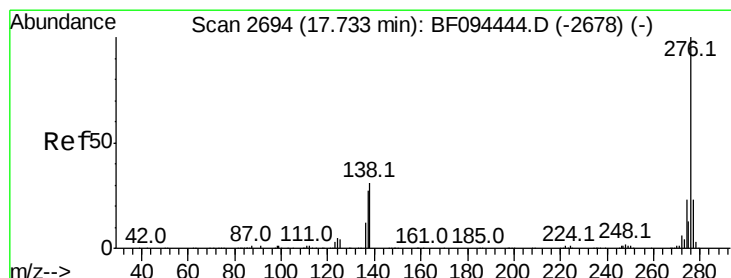
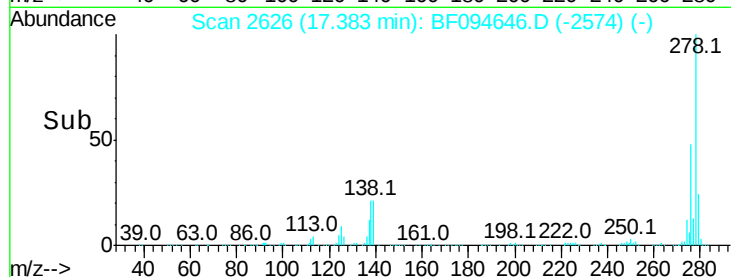
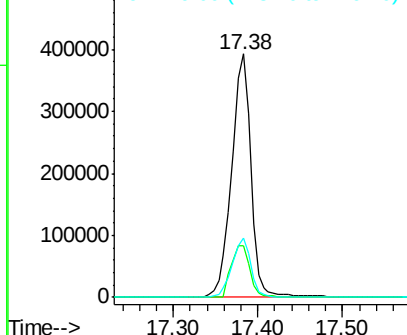
#90
Dibenzo(a,h)anthracene
Concen: 54.40 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 617761
Ion Ratio Lower Upper
278 100
139 21.4 16.6 24.8
279 24.2 19.3 28.9

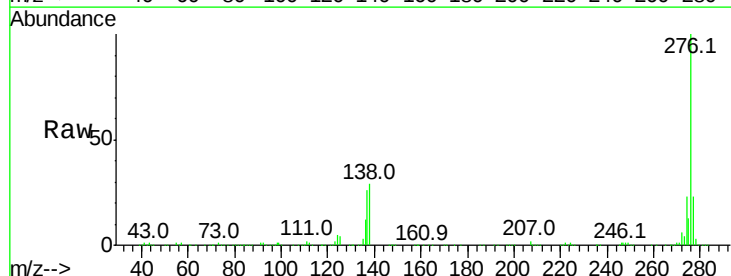


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 52.64 ng
RT: 17.74 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:276 Resp: 608589
Ion Ratio Lower Upper
276 100
277 22.5 18.6 28.0
138 29.0 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

