

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094572.D
 Acq On : 21 Apr 2017 19:42
 Operator : SJ/MA
 Sample : I2786-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 23:36:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114899	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	458557	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	209435	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	362630	20.00	ng	0.00
75) Chrysene-d12	14.46	240	260129	20.00	ng	0.00
86) Perylene-d12	16.08	264	268633	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	823606	118.92	ng	0.02
7) Phenol-d6	5.40	99	1000702	122.57	ng	0.00
23) Nitrobenzene-d5	6.42	82	640458	86.24	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	217422	132.72	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1237804	86.96	ng	0.00
78) Terphenyl-d14	13.19	244	902034	92.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	116544	28.94	ng	96
3) Pyridine	2.64	79	263608	29.95	ng	97
4) n-Nitrosodimethylamine	2.58	42	138525	38.03	ng	90
6) Aniline	5.40	93	319441	29.44	ng	# 85
8) 2-Chlorophenol	5.54	128	318389	40.40	ng	99
9) Benzaldehyde	5.27	77	49205	7.92	ng	97
10) Phenol	5.41	94	426915	42.56	ng	93
11) bis(2-Chloroethyl)ether	5.48	93	294243	40.16	ng	99
12) 1,3-Dichlorobenzene	5.70	146	341755	39.14	ng	98
13) 1,4-Dichlorobenzene	5.78	146	342274	38.96	ng	96
14) 1,2-Dichlorobenzene	5.96	146	321704	39.76	ng	96
15) Benzyl Alcohol	5.95	79	242072	39.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	398919	41.52	ng	# 45
17) 2-Methylphenol	6.09	107	251658	40.55	ng	93
18) Hexachloroethane	6.35	117	118001	39.19	ng	87
19) n-Nitroso-di-n-propylamine	6.25	70	227947	42.14	ng	97
20) 3+4-Methylphenols	6.27	107	347522	41.20	ng	# 61
22) Acetophenone	6.24	105	456066	40.90	ng	# 85
24) Nitrobenzene	6.44	77	318805	40.77	ng	97
25) Isophorone	6.72	82	581290	42.23	ng	96
26) 2-Nitrophenol	6.81	139	169507	40.35	ng	97
27) 2,4-Dimethylphenol	6.89	122	281533	41.25	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	381461	42.84	ng	99
29) 2,4-Dichlorophenol	7.11	162	272290	42.89	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	270895	41.27	ng	99
31) Naphthalene	7.29	128	926803	42.04	ng	99
32) Benzoic acid	7.05	122	83344	23.09	ng	91
33) 4-Chloroaniline	7.36	127	179508	19.57	ng	# 93
34) Hexachlorobutadiene	7.44	225	136421	41.69	ng	99
35) Caprolactam	7.82	113	52243	26.19	ng	91
36) 4-Chloro-3-methylphenol	7.99	107	273345	41.08	ng	89
37) 2-Methylnaphthalene	8.12	142	663880	44.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	257935	43.25	ng	99
40) Hexachlorocyclopentadiene	8.32	237	143159	59.34	ng	99

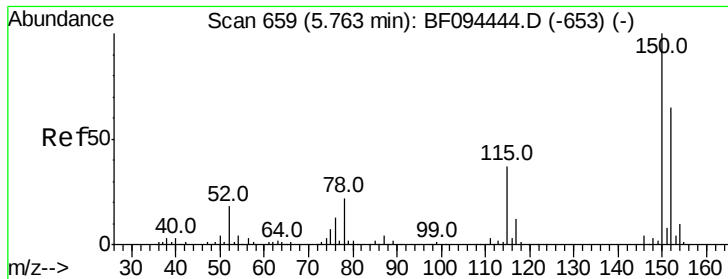
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094572.D
 Acq On : 21 Apr 2017 19:42
 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	171649	40.98	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	188214	43.76	nq	93
45) 1,1'-Biphenyl	8.70	154	749666	43.81	nq	98
46) 2-Chloronaphthalene	8.72	162	589442	43.32	nq	95
47) 2-Nitroaniline	8.85	65	173972	44.45	nq	# 85
48) Acenaphthylene	9.22	152	810629	38.22	nq	99
49) Dimethylphthalate	9.10	163	900092	57.67	nq	99
50) 2,6-Dinitrotoluene	9.16	165	151649	43.29	nq	93
51) Acenaphthene	9.44	154	532855	41.94	nq	100
52) 3-Nitroaniline	9.36	138	115936	28.60	nq	92
53) 2,4-Dinitrophenol	9.50	184	53065	31.66	nq	# 69
54) Dibenzofuran	9.65	168	784857	42.51	nq	99
55) 4-Nitrophenol	9.65	139	519618	181.46	nq	# 34
56) 2,4-Dinitrotoluene	9.66	165	192472	44.78	nq	# 93
57) Fluorene	10.07	166	609651	42.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	139666	45.31	nq	96
59) Diethylphthalate	9.96	149	678576	46.08	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	268897	44.94	nq	87
61) 4-Nitroaniline	10.11	138	144634	35.10	nq	95
62) Azobenzene	10.27	77	624655	43.69	nq	95
64) 4,6-Dinitro-2-methylphenol	10.16	198	48965	20.61	nq	# 69
65) n-Nitrosodiphenylamine	10.23	169	564491	44.76	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	162491	45.13	nq	100
67) Hexachlorobenzene	10.74	284	155913	42.97	nq	# 81
68) Atrazine	10.90	200	161668	42.85	nq	95
69) Pentachlorophenol	11.00	266	144633	100.38	nq	100
70) Phenanthrene	11.24	178	910798	44.60	nq	98
71) Anthracene	11.31	178	882243	41.77	nq	99
72) Carbazole	11.51	167	804630	40.58	nq	98
73) Di-n-butylphthalate	11.97	149	1060172	48.57	nq	99
74) Fluoranthene	12.70	202	857852	40.53	nq	99
76) Benzidine	12.88	184	198038	18.80	nq	95
77) Pyrene	12.98	202	832288	45.80	nq	99
79) Butylbenzylphthalate	13.79	149	382171	47.98	nq	# 85
80) Benzo(a)anthracene	14.45	228	655595	43.36	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	185012	34.57	nq	# 96
82) Chrysene	14.49	228	609038	44.08	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	553100	51.72	nq	99
84) Di-n-octyl phthalate	15.27	149	905981	50.51	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	702280	53.42	nq	99
87) Benzo(b)fluoranthene	15.68	252	725110	44.13	nq	97
88) Benzo(k)fluoranthene	15.68	252	725110	46.63	nq	96
89) Benzo(a)pyrene	16.03	252	656561	42.95	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	567850	44.73	nq	97
91) Benzo(g,h,i)perylene	17.74	276	563716	43.62	nq	99

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

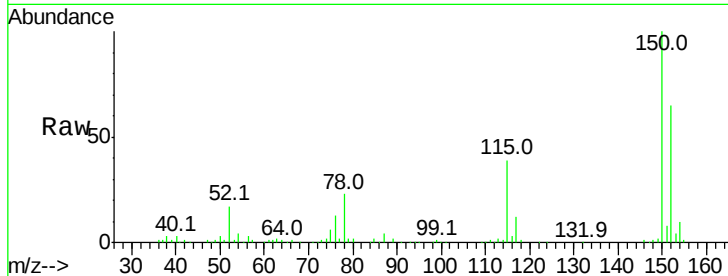


#1

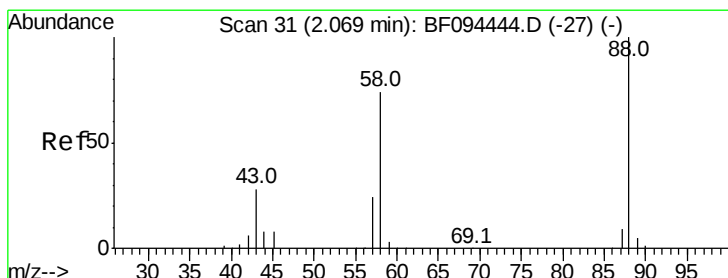
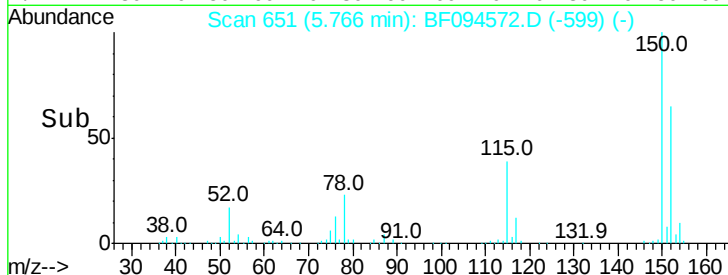
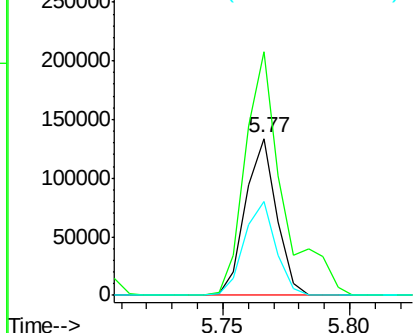
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114899
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 59.8 52.2 78.2



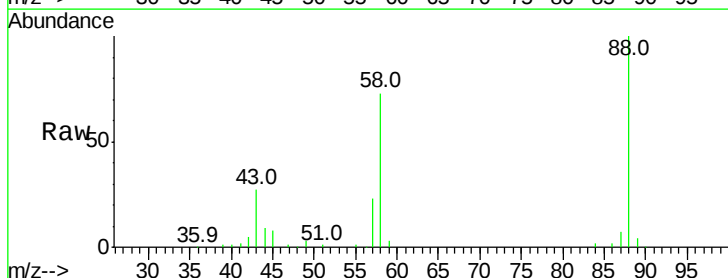
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



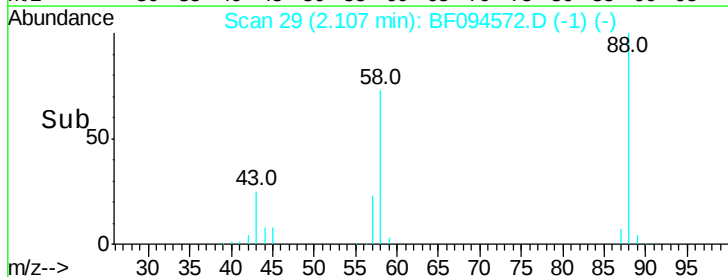
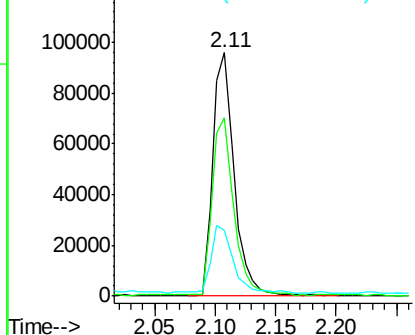
#2

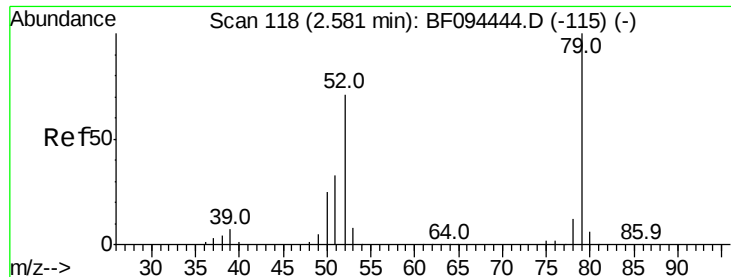
1,4-Dioxane
Concen: 28.94 ng
RT: 2.11 min Scan# 29
Delta R.T. 0.04 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion: 88 Resp: 116544
Ion Ratio Lower Upper
88 100
58 72.7 61.4 92.0
43 28.8 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: 29.95 ng

RT: 2.64 min Scan# 119

Delta R.T. 0.06 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

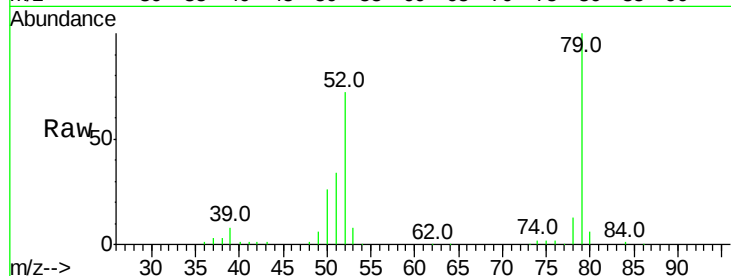
Tot Ion: 79 Resp: 263608

Ion Ratio Lower Upper

79 100

52 72.2 54.8 82.2

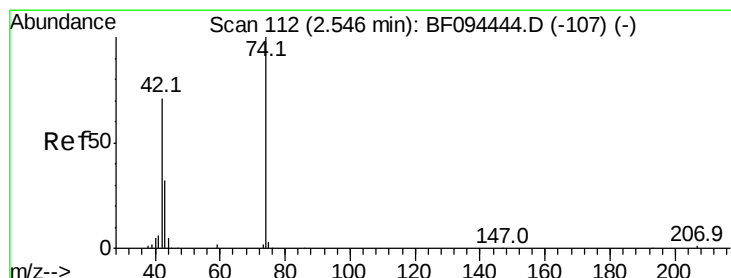
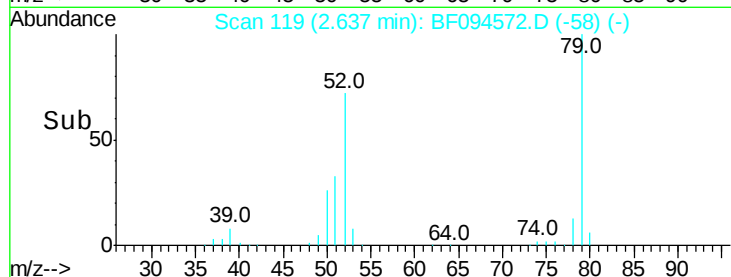
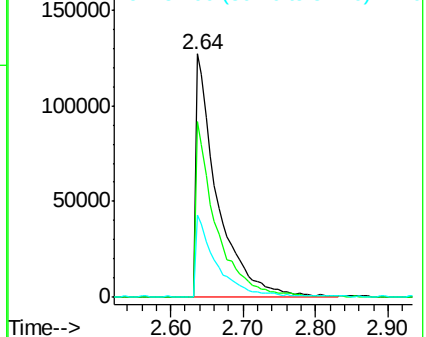
51 33.6 27.0 40.4



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: 38.03 ng

RT: 2.58 min Scan# 109

Delta R.T. 0.03 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

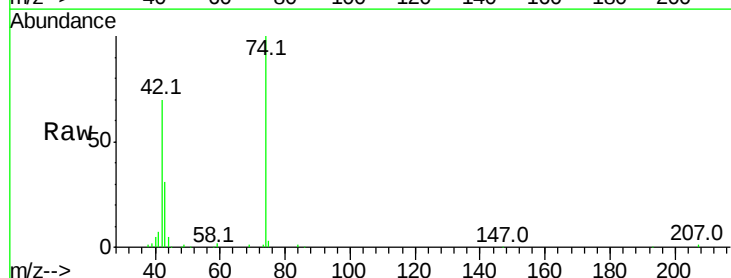
Tgt Ion: 42 Resp: 138525

Ion Ratio Lower Upper

42 100

74 142.7 103.9 155.9

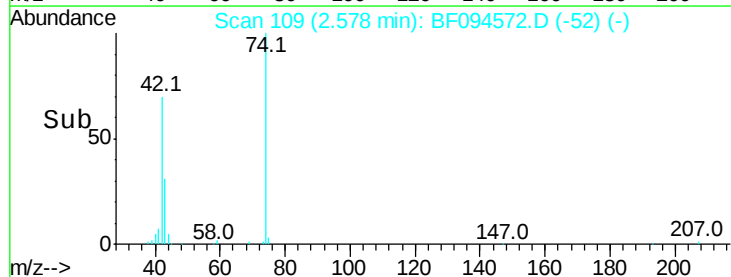
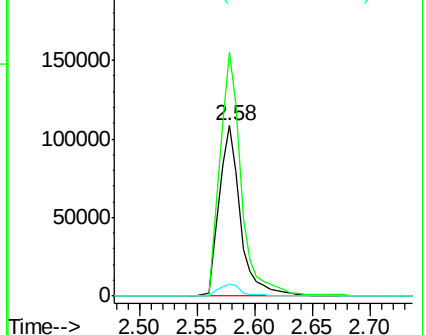
44 6.9 5.7 8.5



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: 118.92 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.02 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampled :

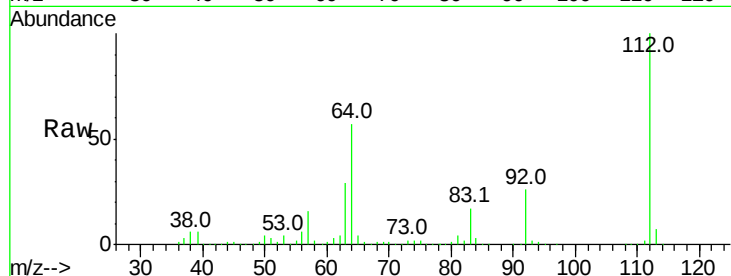
Tot Ion:112 Resp: 823606

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

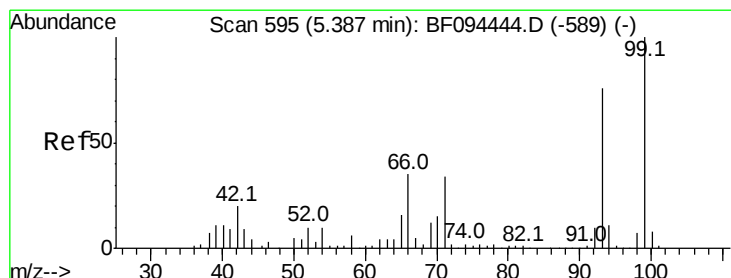
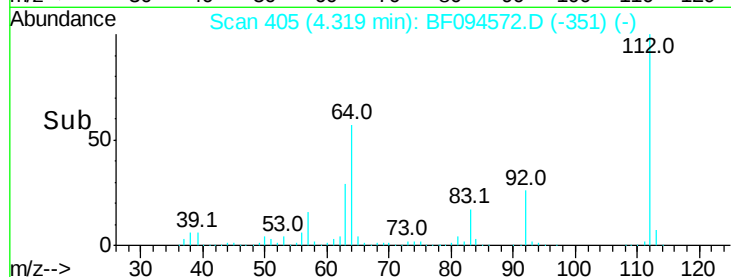
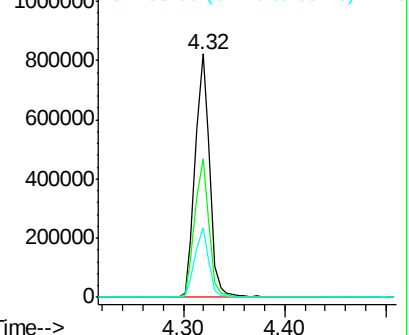
63 28.7 23.4 35.0



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: 29.44 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

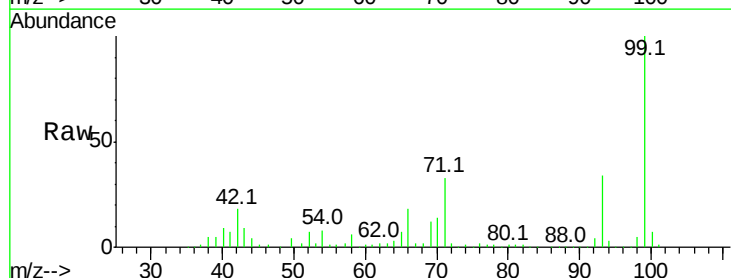
Tgt Ion: 93 Resp: 319441

Ion Ratio Lower Upper

93 100

66 53.3 32.9 49.3#

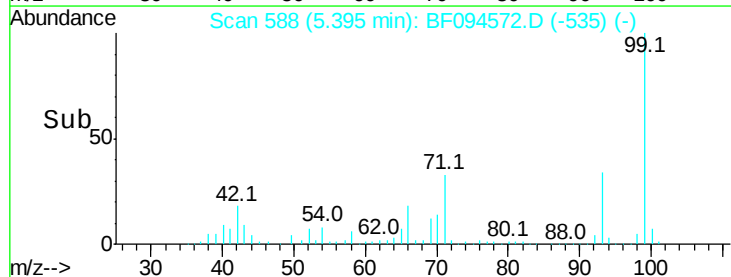
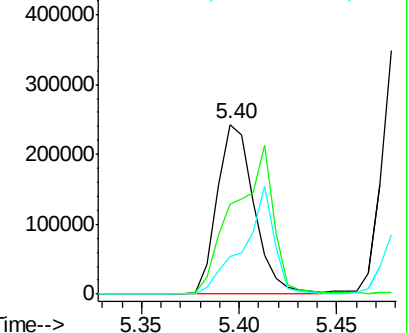
65 22.0 16.0 24.0

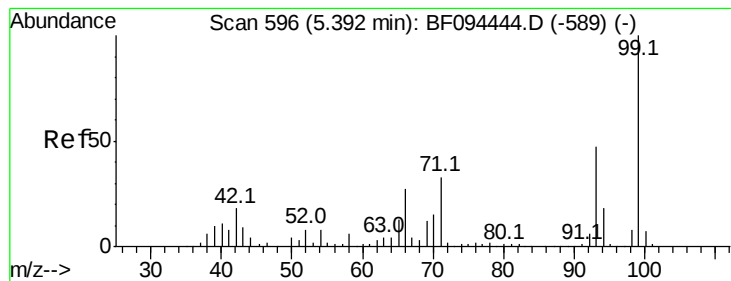


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.57 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

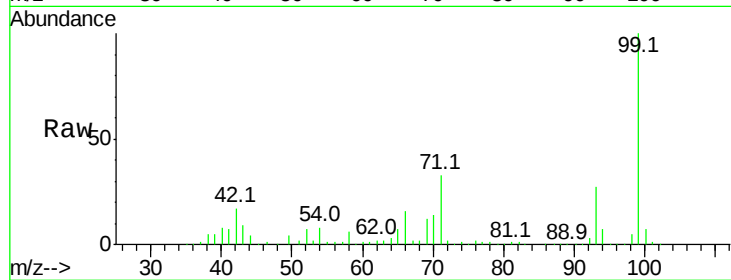
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1000702

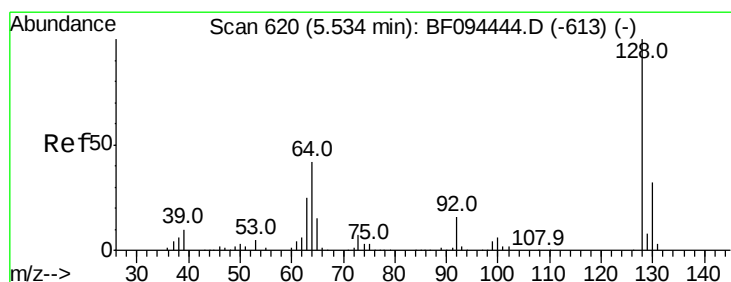
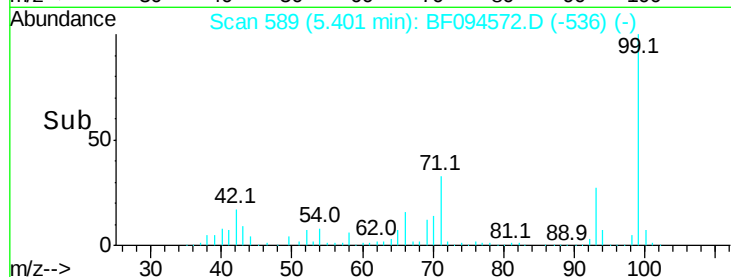
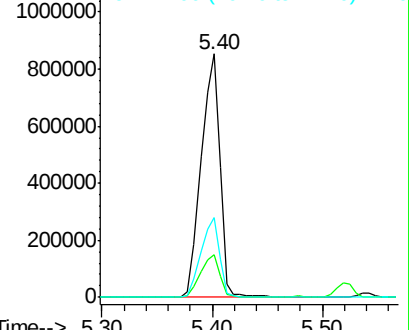
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	32.7	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.40 ng

RT: 5.54 min Scan# 612

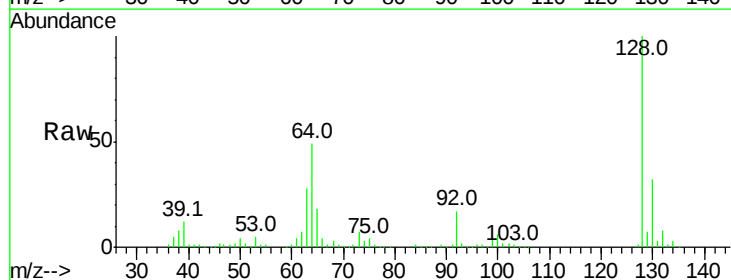
Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion: 128 Resp: 318389

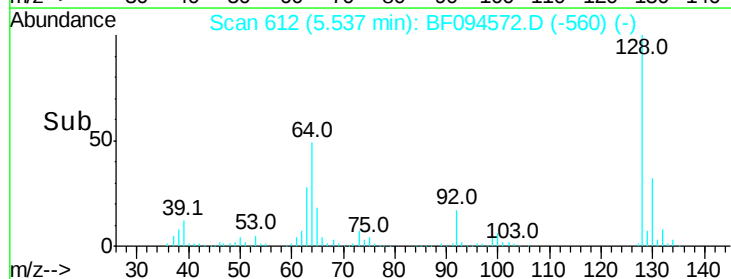
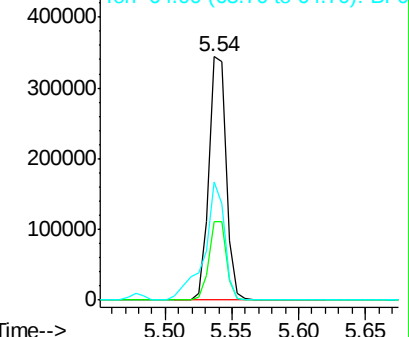
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	48.7	28.4	68.4

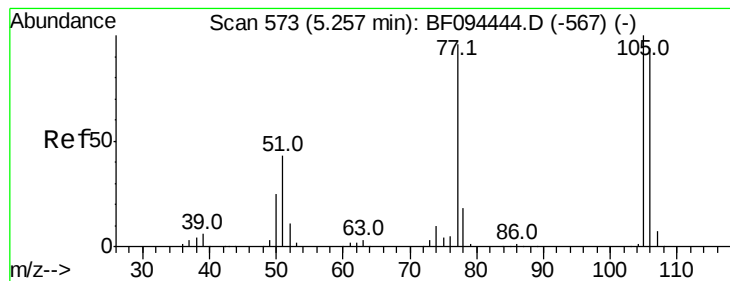


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.92 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

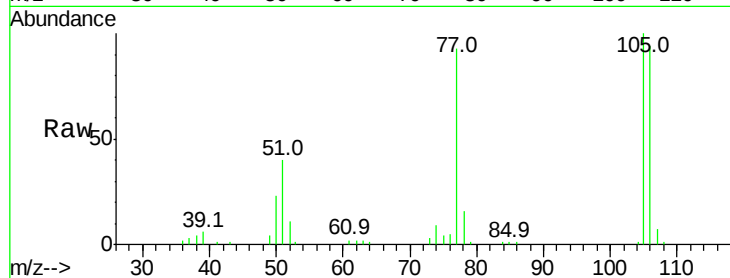
Tot Ion: 77 Resp: 49205

Ion Ratio Lower Upper

77 100

105 107.8 83.8 123.8

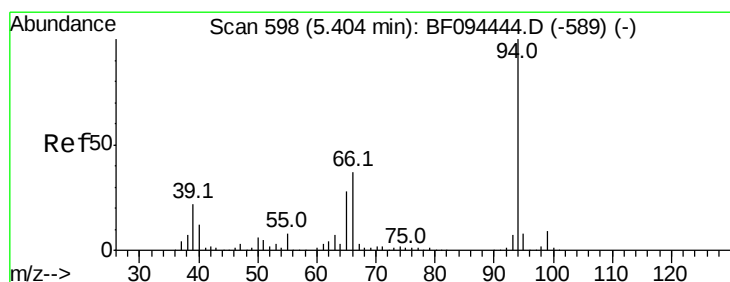
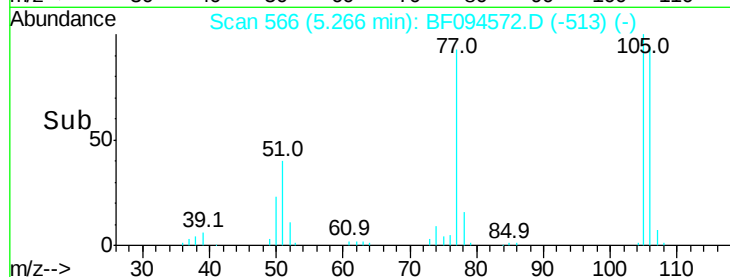
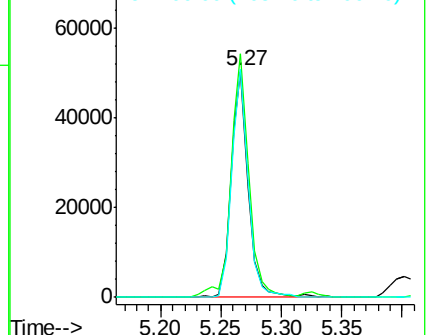
106 100.9 79.1 119.1



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: 42.56 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

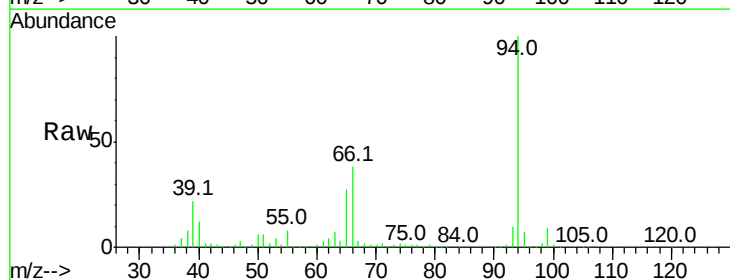
Tgt Ion: 94 Resp: 426915

Ion Ratio Lower Upper

94 100

65 27.3 9.9 49.9

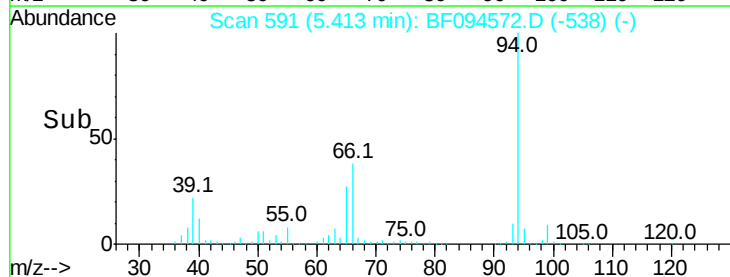
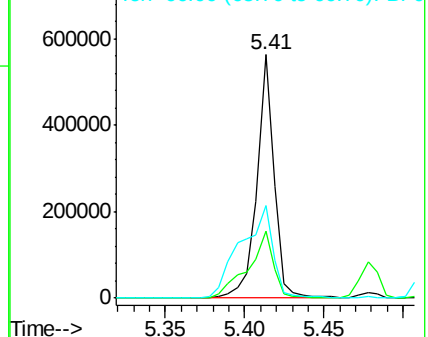
66 37.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



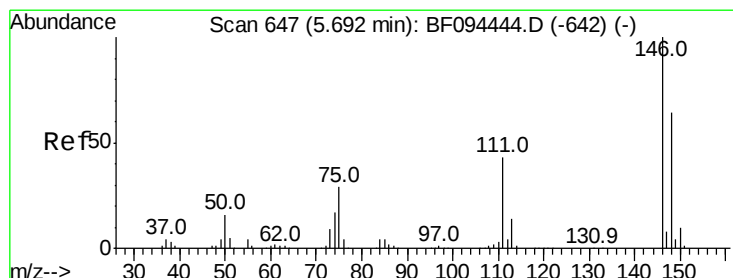
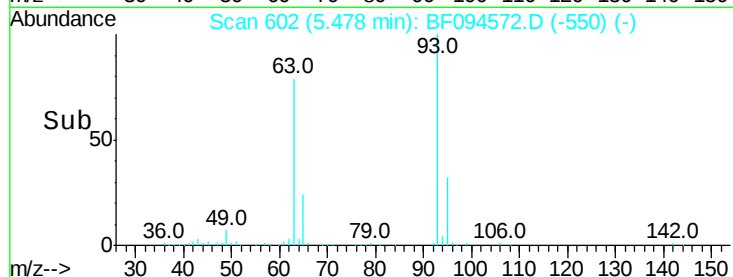
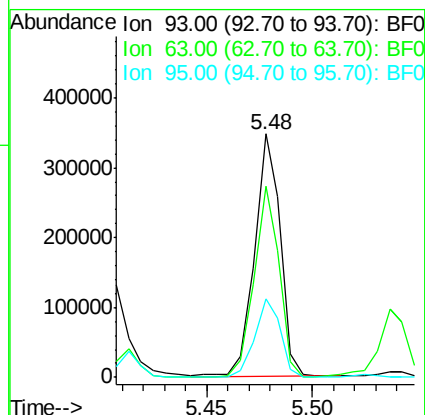
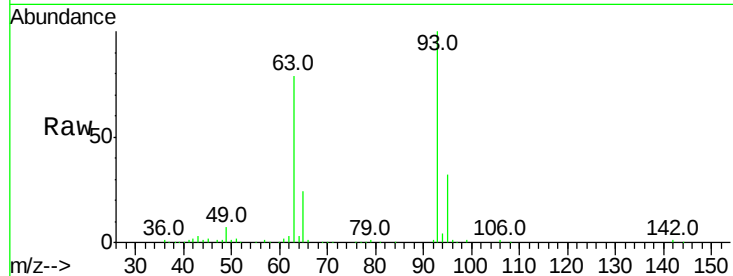


#11

bis(2-Chloroethyl)ether
Concen: 40.16 ng
RT: 5.48 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :

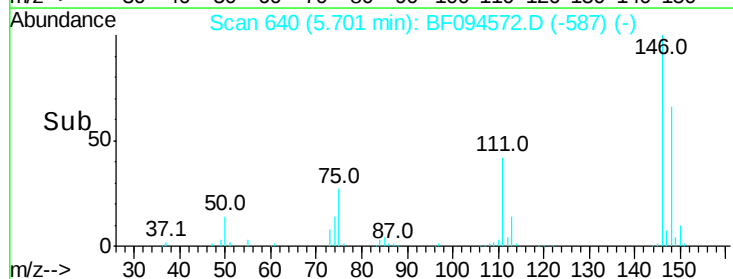
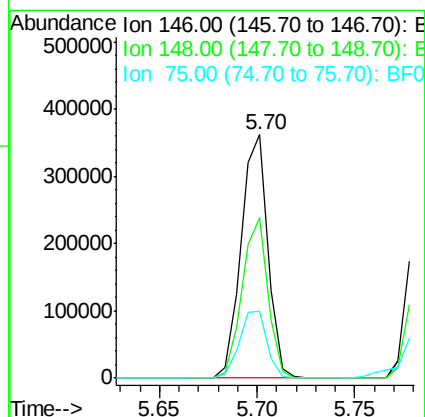
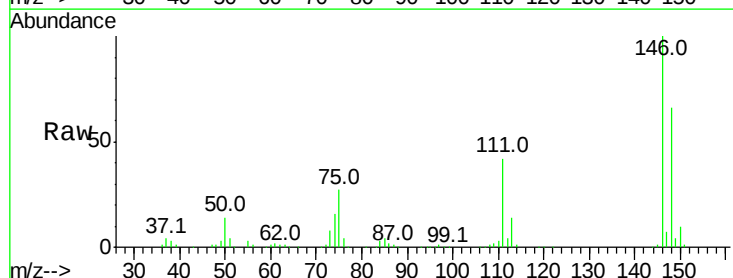
Tot Ion: 93 Resp: 294243
Ion Ratio Lower Upper
93 100
63 78.7 59.2 99.2
95 32.2 12.8 52.8

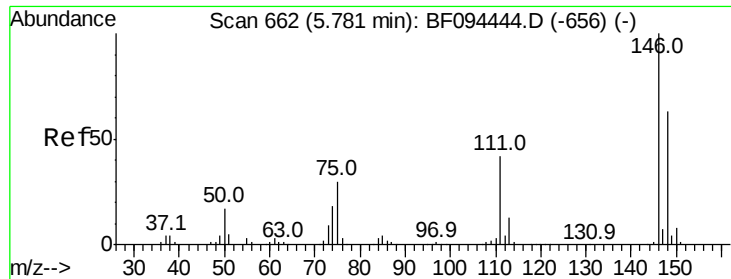


#12

1,3-Dichlorobenzene
Concen: 39.14 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion: 146 Resp: 341755
Ion Ratio Lower Upper
146 100
148 65.9 51.8 77.6
75 27.4 23.1 34.7

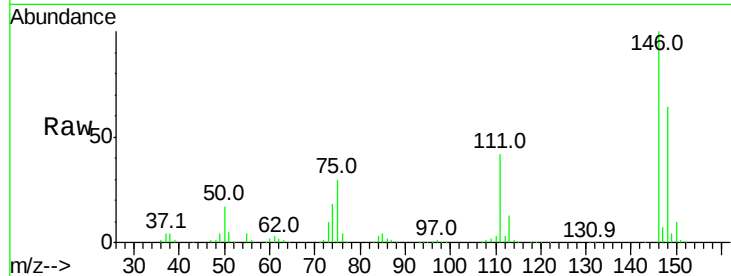




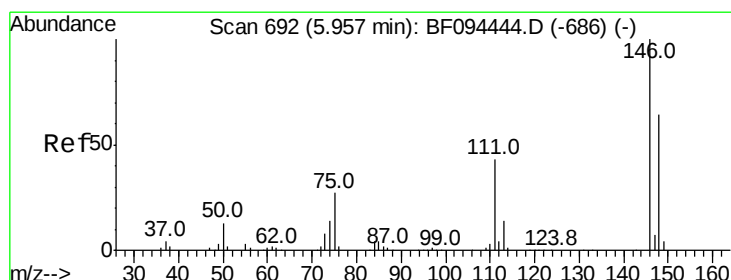
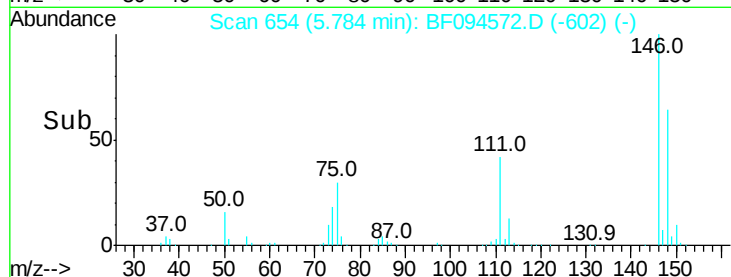
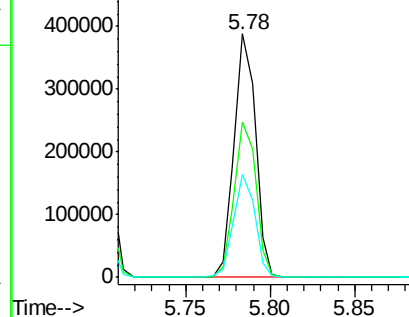
#13
 1,4-Dichlorobenzene
 Concen: 38.96 ng
 RT: 5.78 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 342274
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 42.4 30.3 45.5

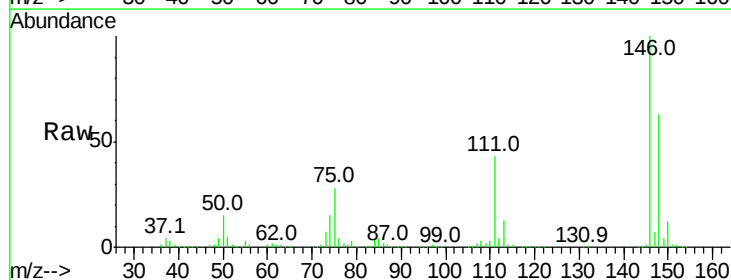


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

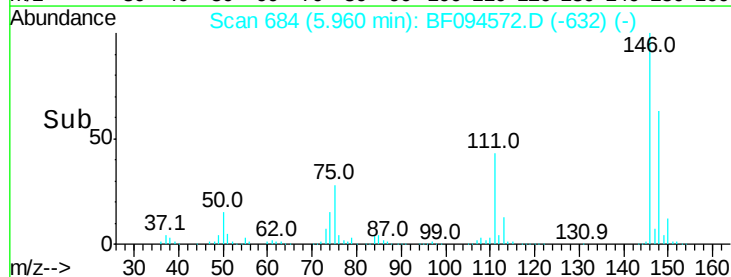
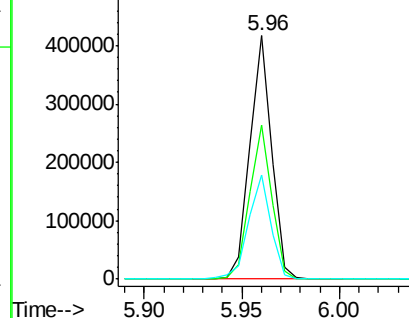


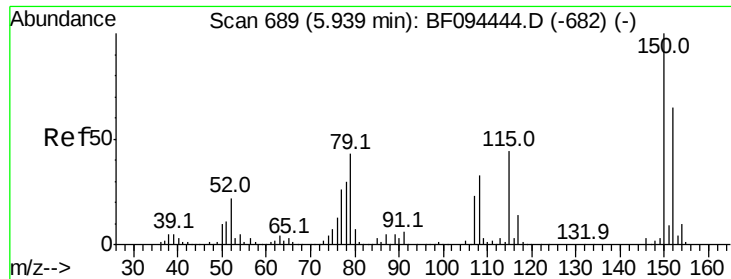
#14
 1,2-Dichlorobenzene
 Concen: 39.76 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion:146 Resp: 321704
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 42.6 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

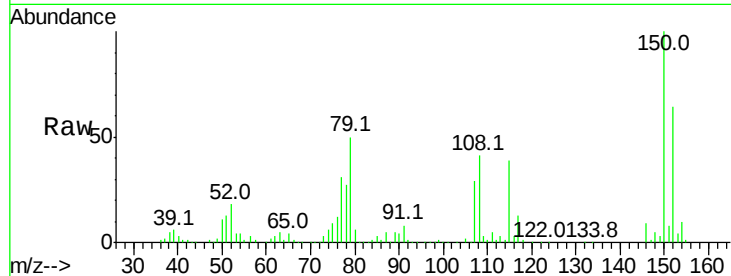




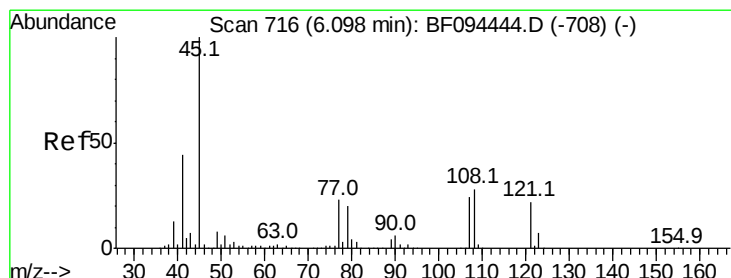
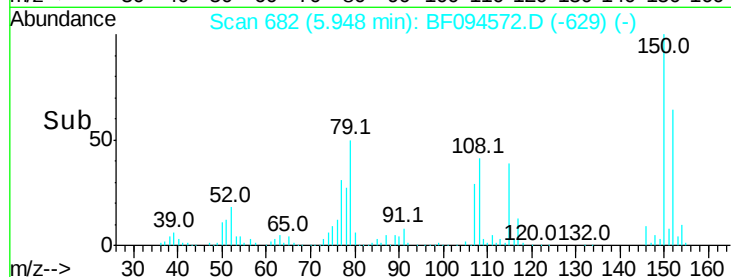
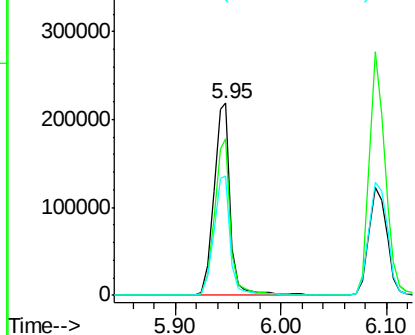
#15
Benzyl Alcohol
Concen: 39.97 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 242072
Ion Ratio Lower Upper
79 100
108 81.5 63.4 95.0
77 62.4 49.2 73.8

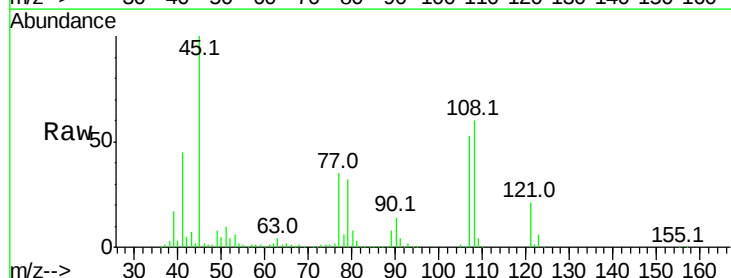


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

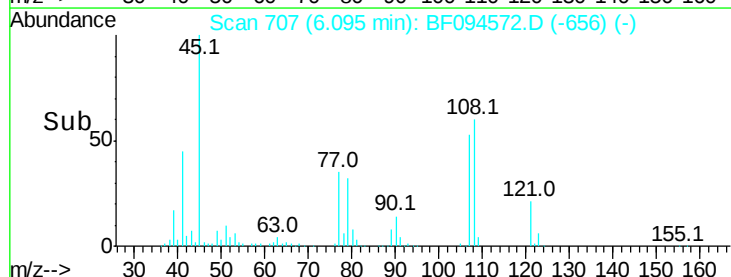
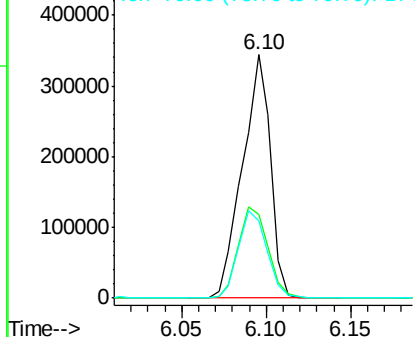


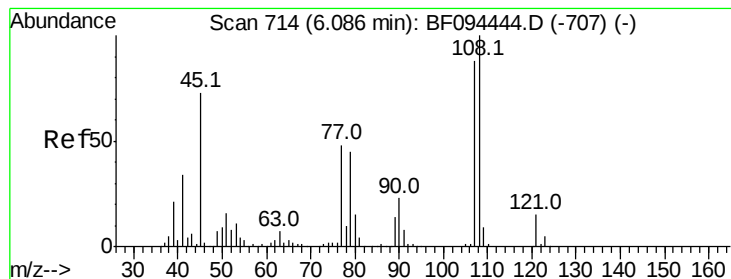
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.52 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion: 45 Resp: 398919
Ion Ratio Lower Upper
45 100
77 34.6 0.0 33.2#
79 31.5 0.0 30.0#



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





#17

2-Methylphenol

Concen: 40.55 ng

RT: 6.09 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 251658

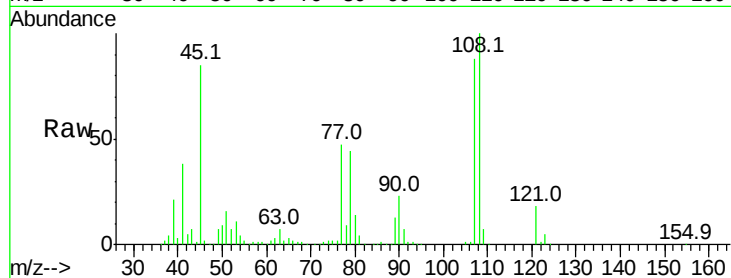
Ion Ratio Lower Upper

107 100

108 113.9 93.4 140.0

77 53.2 35.8 53.6

79 50.7 34.8 52.2

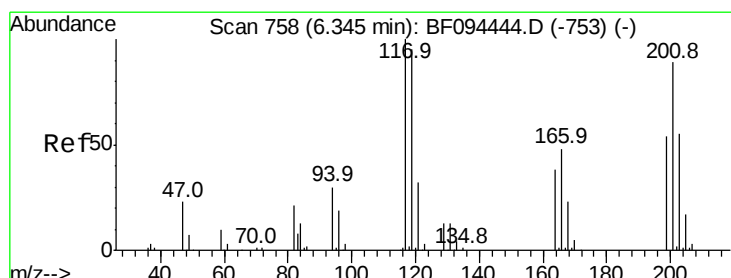
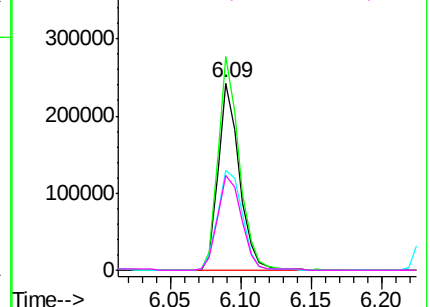
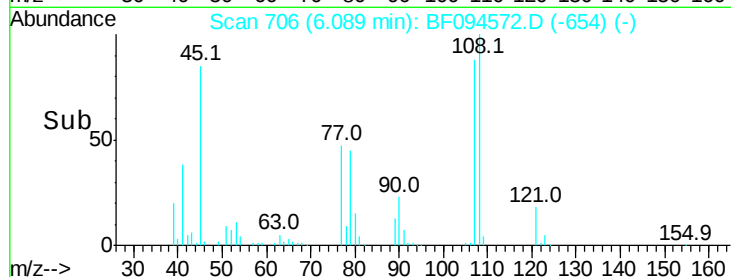


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.19 ng

RT: 6.35 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

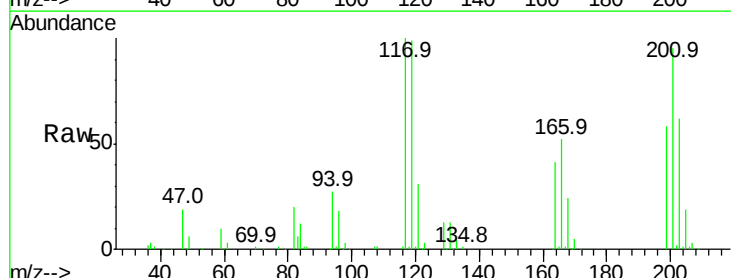
Tgt Ion:117 Resp: 118001

Ion Ratio Lower Upper

117 100

119 99.1 77.4 116.0

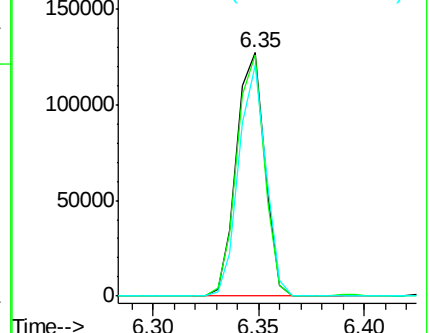
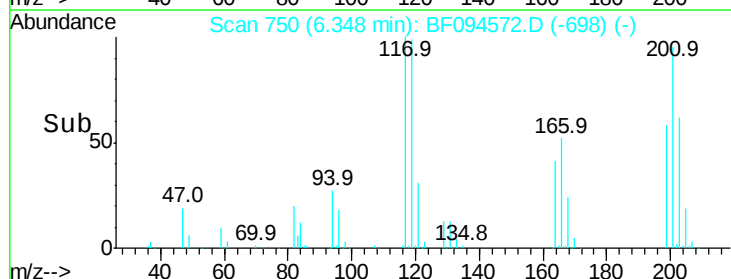
201 94.7 94.6 141.8

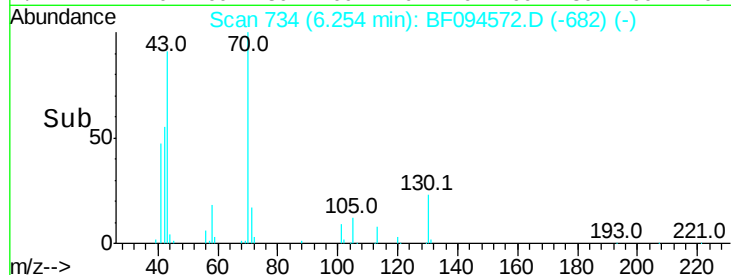
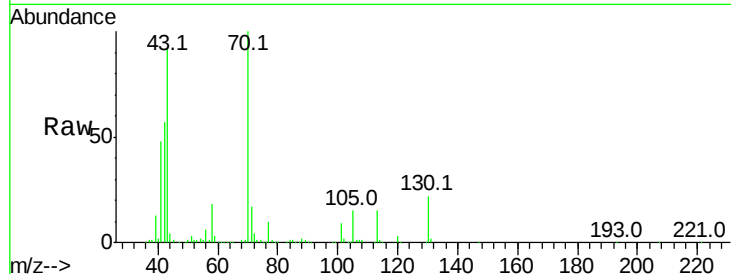
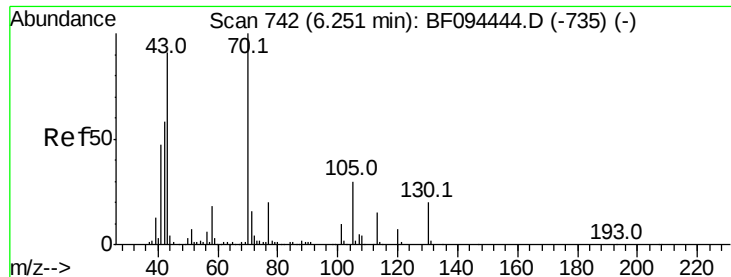


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

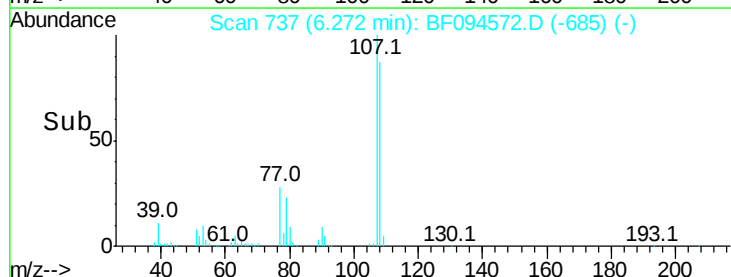
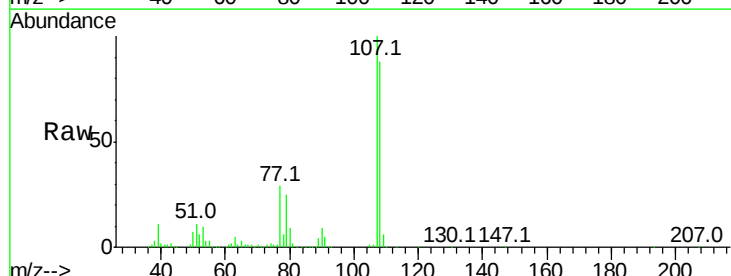
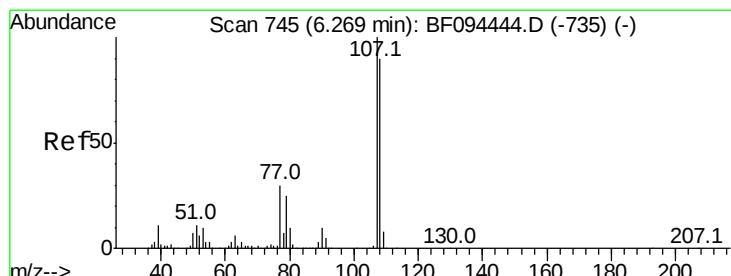
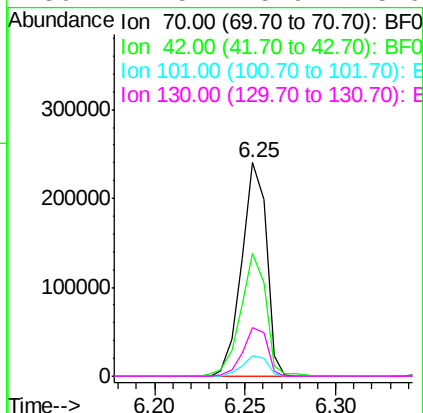




#19
n-Nitroso-di-n-propylamine
Concen: 42.14 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

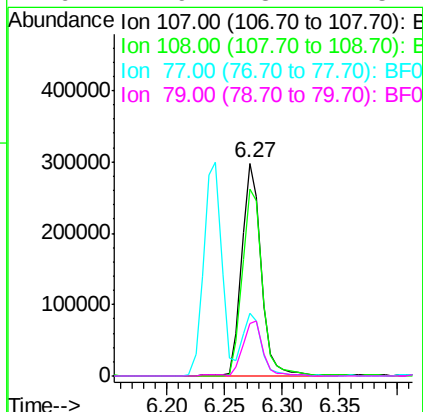
Instrument :
BNA_F
ClientSampleId :

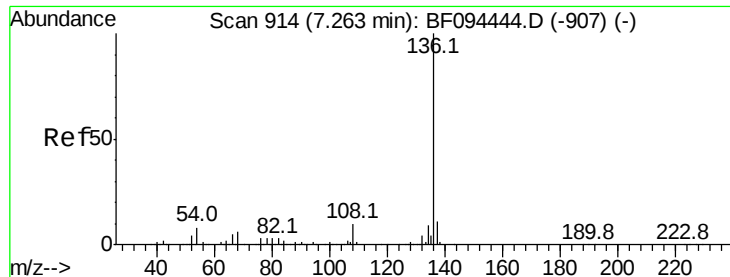
Tot Ion:	70	Resp:	227947
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.2	70.8
101	9.4	7.2	10.8
130	22.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.20 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion:	107	Resp:	347522
Ion	Ratio	Lower	Upper
107	100		
108	88.2	71.0	111.0
77	29.4	90.5	130.5#
79	24.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 458557

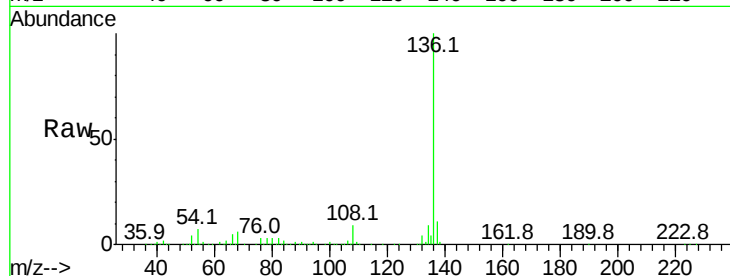
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.7 4.1 6.1

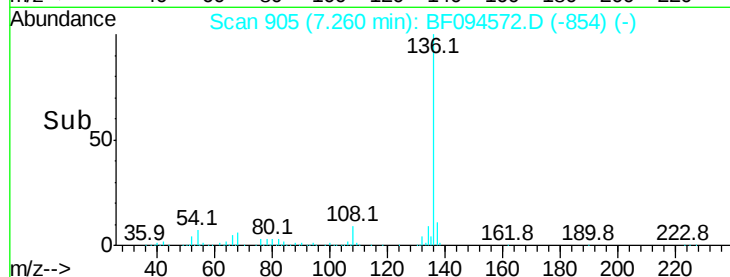


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

7.26

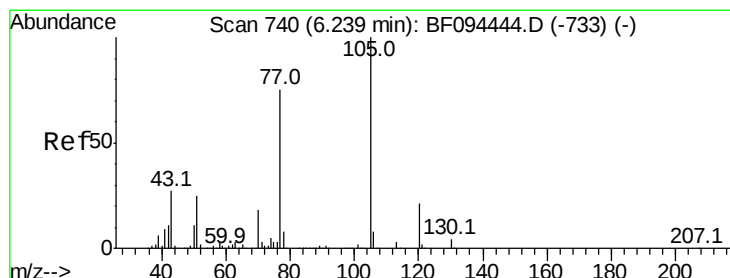
600000

400000

200000

0

Time-->



#22

Acetophenone

Concen: 40.90 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:105 Resp: 456066

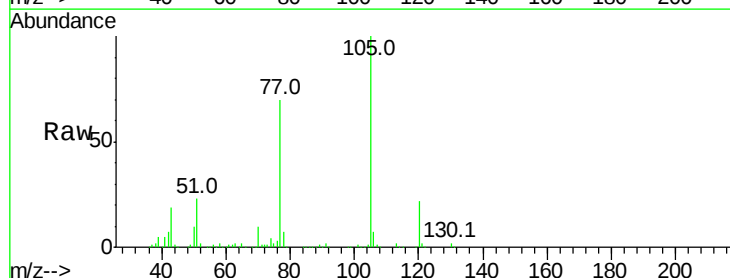
Ion Ratio Lower Upper

105 100

71 1.3 2.8 4.2#

51 23.4 30.7 46.1#

120 21.8 17.4 26.0

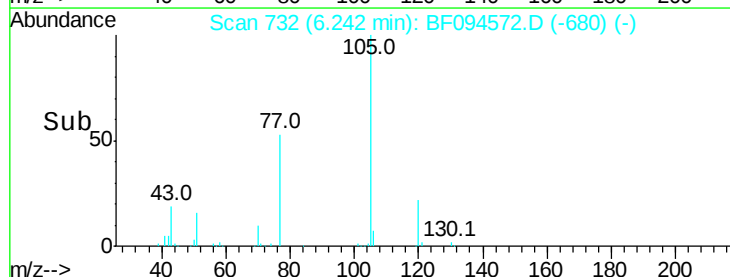


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Abundance

6.24

600000

500000

400000

300000

200000

100000

0

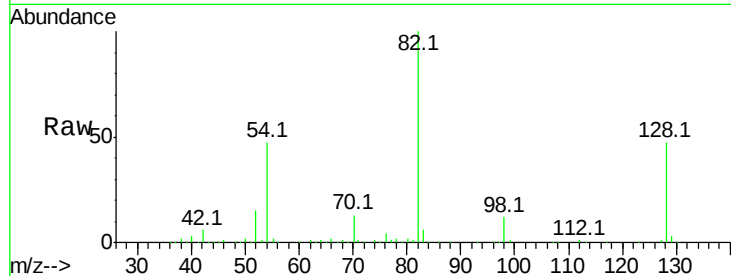
Time-->



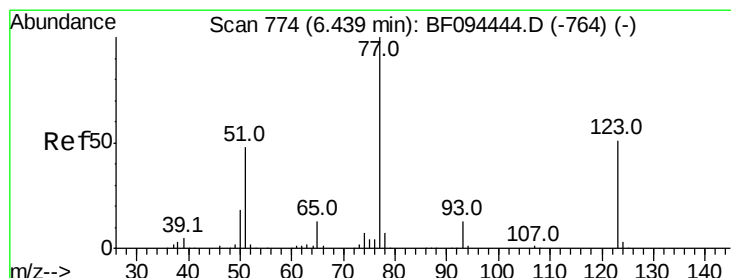
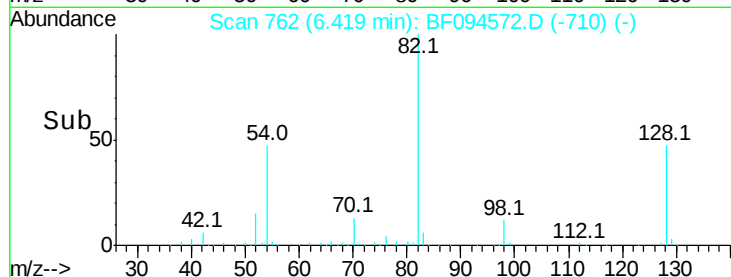
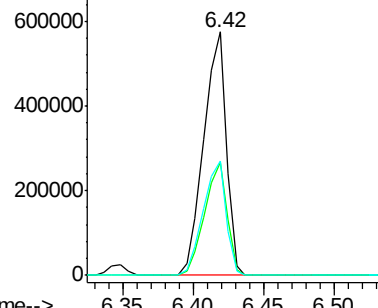
#23
 Nitrobenzene-d5
 Concen: 86.24 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	47.2	42.2	63.2

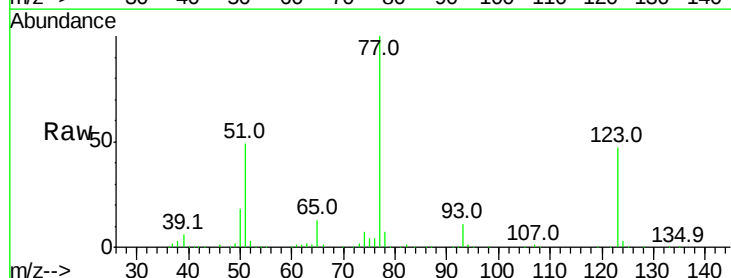


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

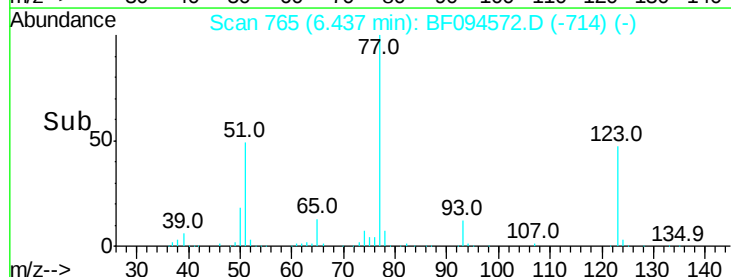
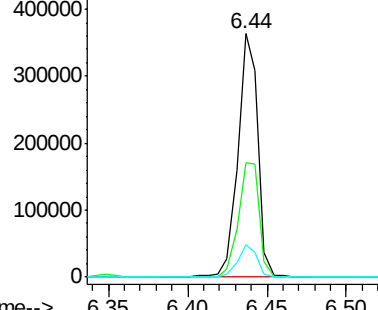


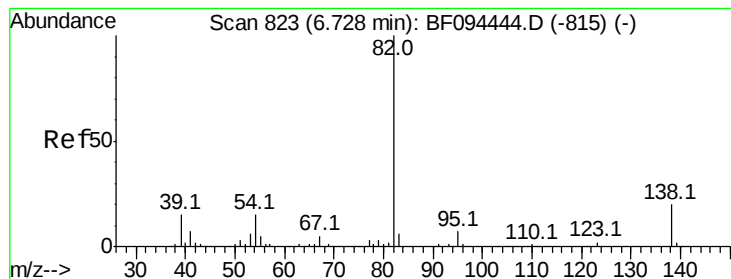
#24
 Nitrobenzene
 Concen: 40.77 ng
 RT: 6.44 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.8	53.8
65	13.2	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.23 ng

RT: 6.72 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

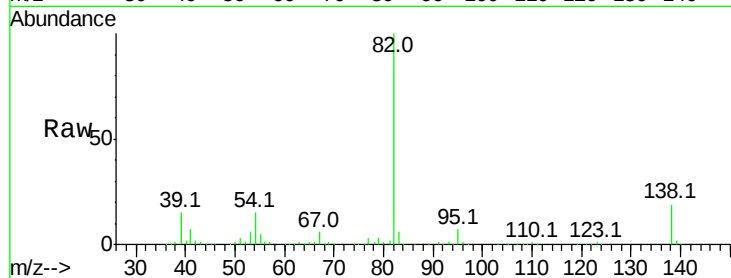
Tot Ion: 82 Resp: 581290

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

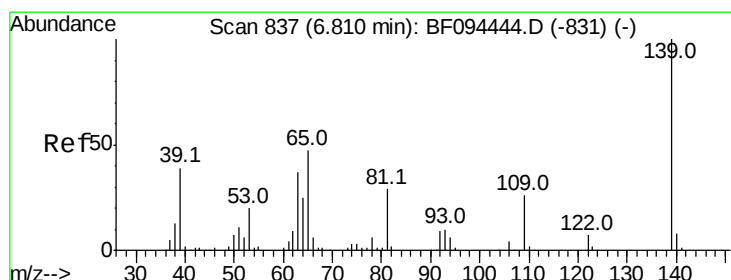
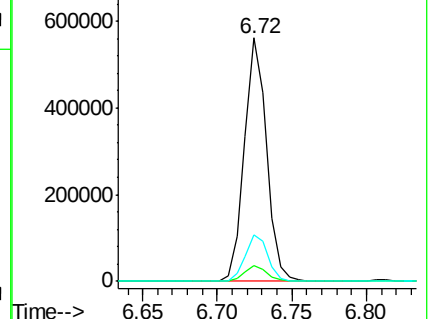
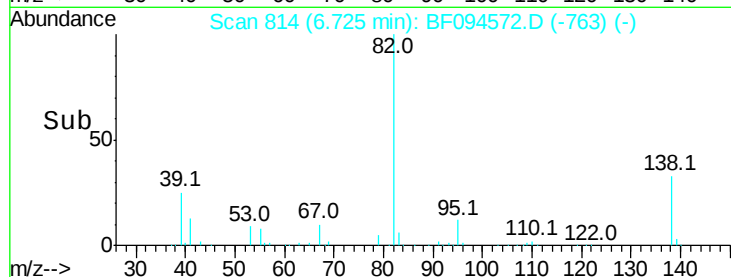
138 18.9 13.1 19.7



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: 40.35 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

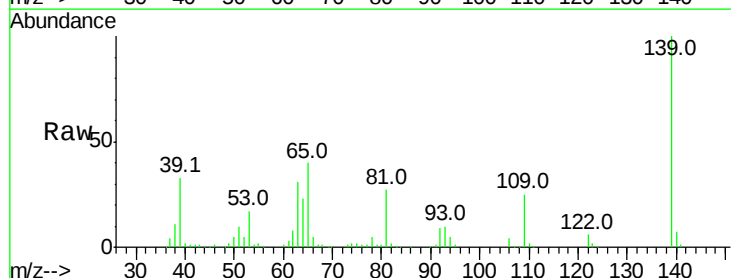
Tgt Ion:139 Resp: 169507

Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

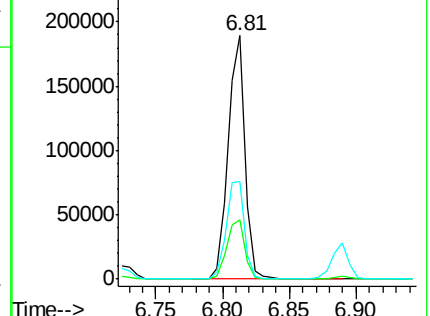
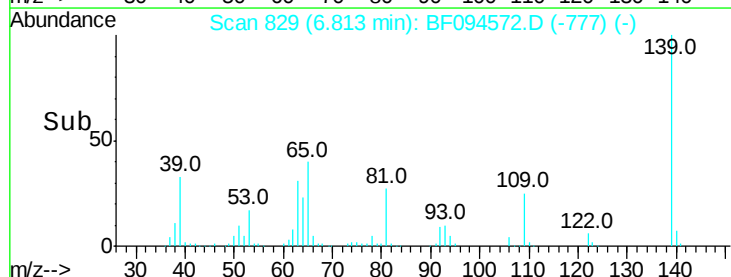
65 40.0 33.0 49.6

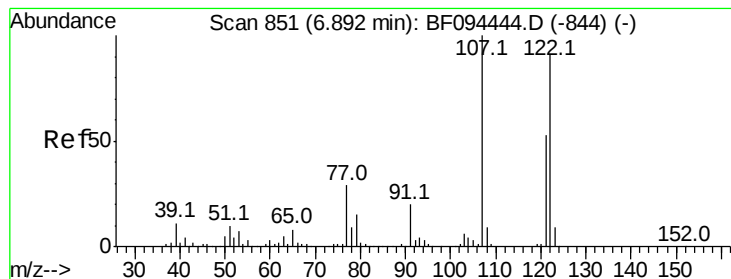


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.25 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampled :

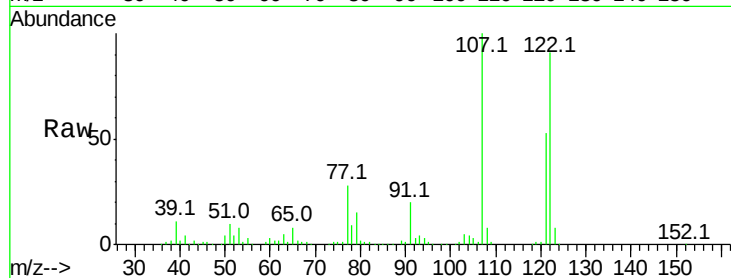
Tot Ion:122 Resp: 281533

Ion Ratio Lower Upper

122 100

107 110.0 89.2 133.8

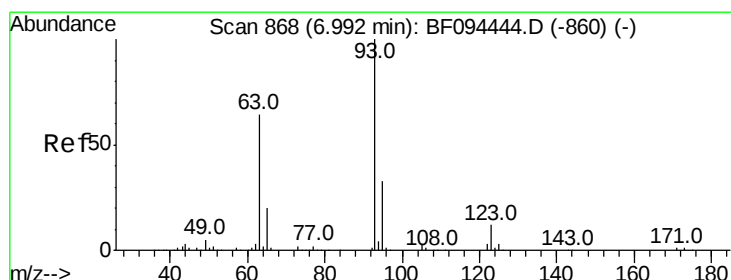
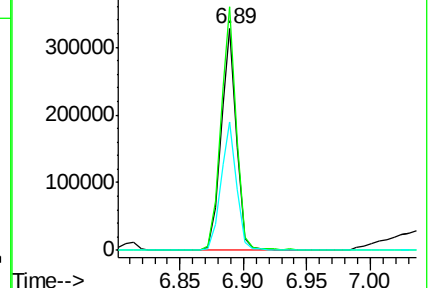
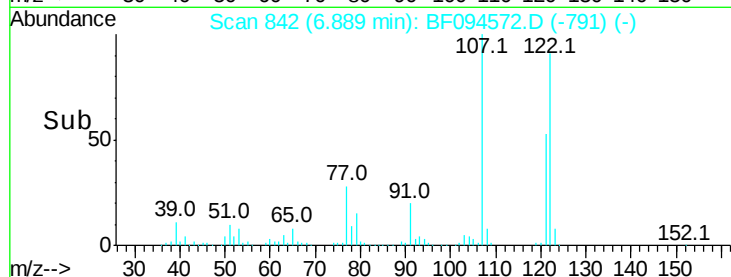
121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.84 ng

RT: 6.98 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

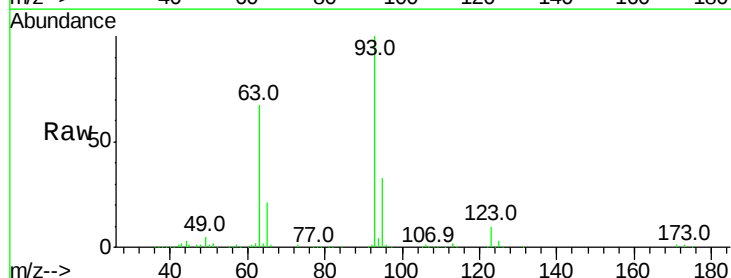
Tgt Ion: 93 Resp: 381461

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

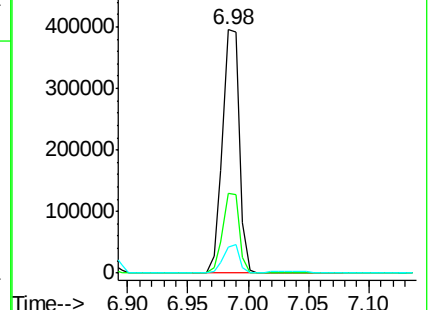
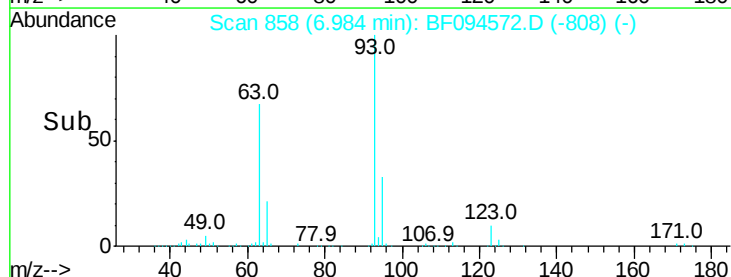
123 10.5 9.0 13.4

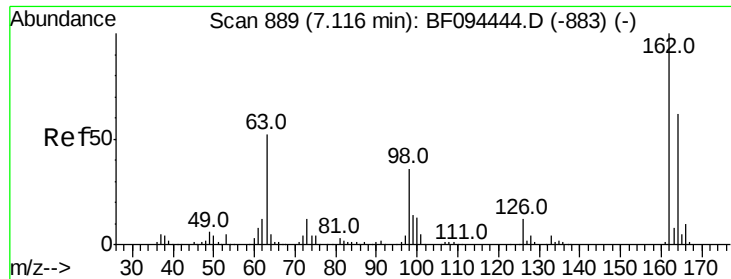


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

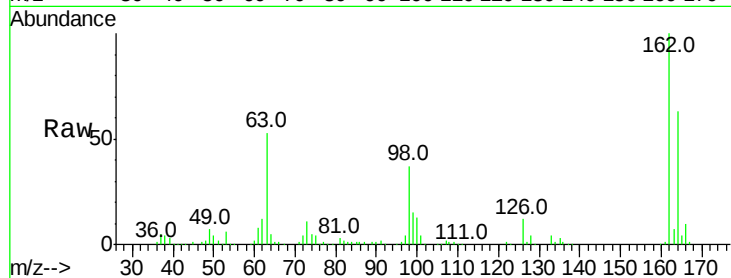




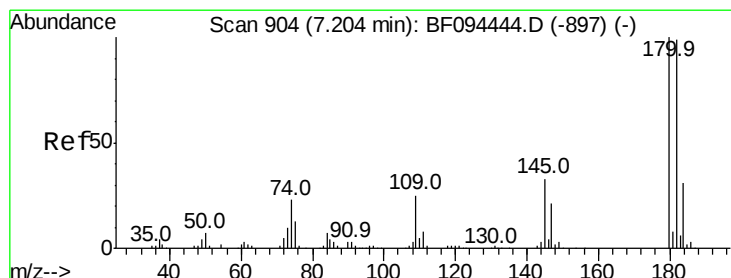
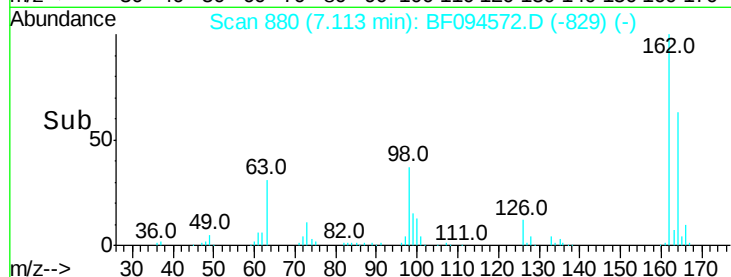
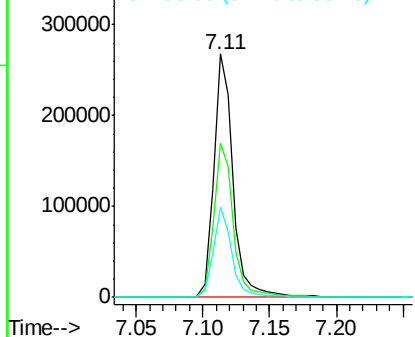
#29
 2,4-Dichlorophenol
 Concen: 42.89 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	37.0	14.8	54.8

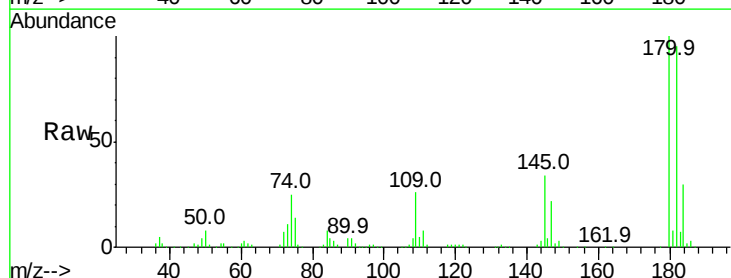


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

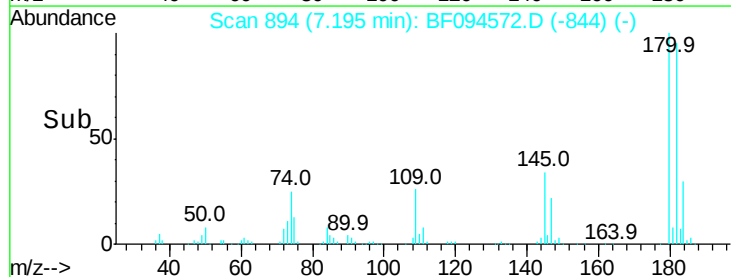
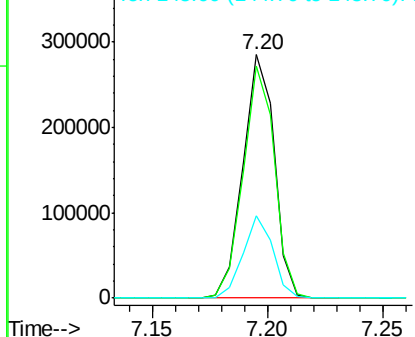


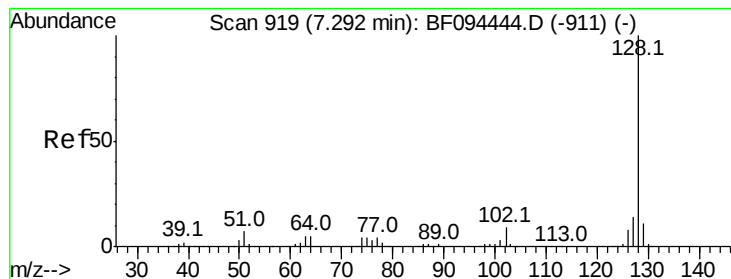
#30
 1,2,4-Trichlorobenzene
 Concen: 41.27 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	34.1	25.3	37.9



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





#31

Naphthalene

Concen: 42.04 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

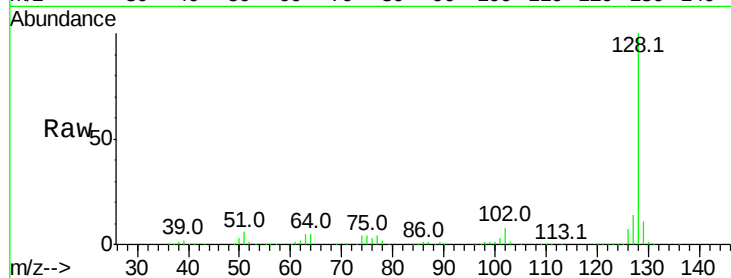
Tot Ion:128 Resp: 926803

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

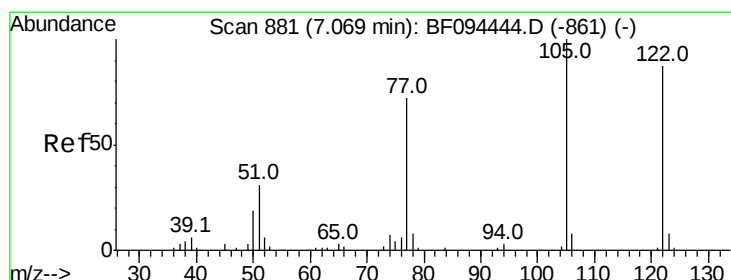
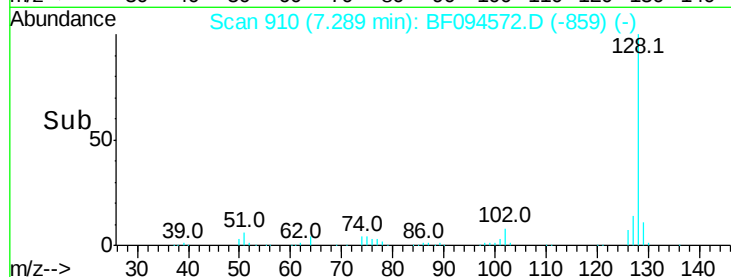
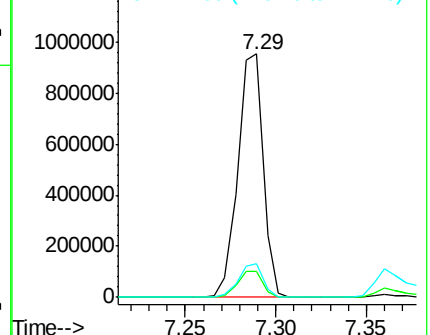
127 13.7 10.8 16.2



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: 23.09 ng

RT: 7.05 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

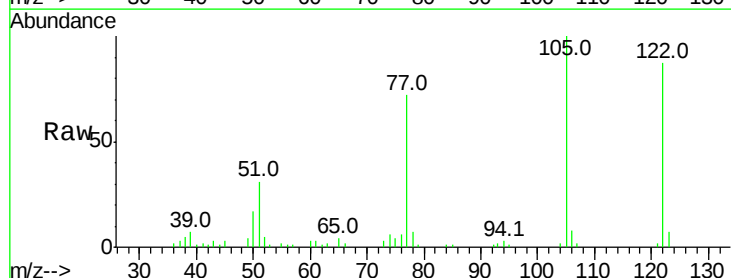
Tgt Ion:122 Resp: 83344

Ion Ratio Lower Upper

122 100

105 115.4 103.3 143.3

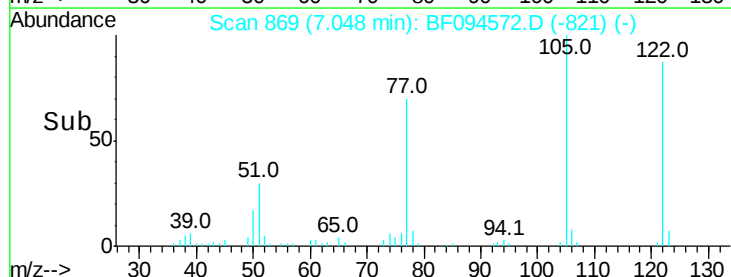
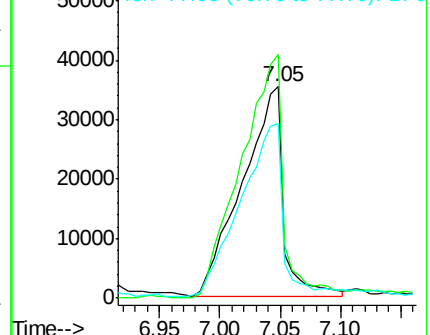
77 82.5 73.7 113.7

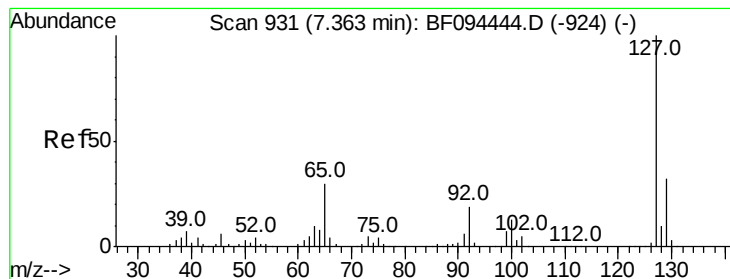


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.57 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF094572.D

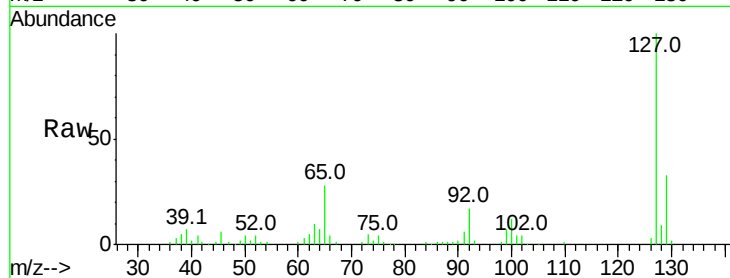
Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	179508
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.5	27.8	41.8#
92	17.5	16.8	25.2

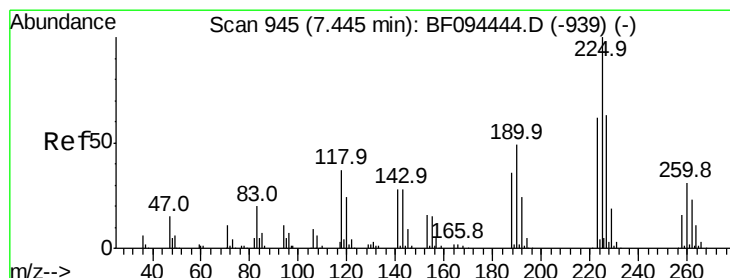
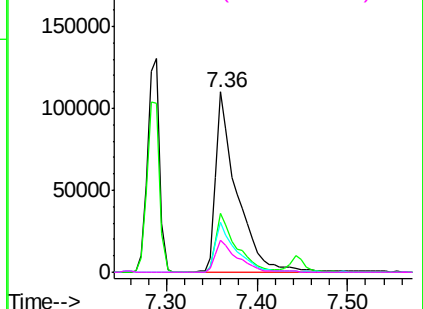
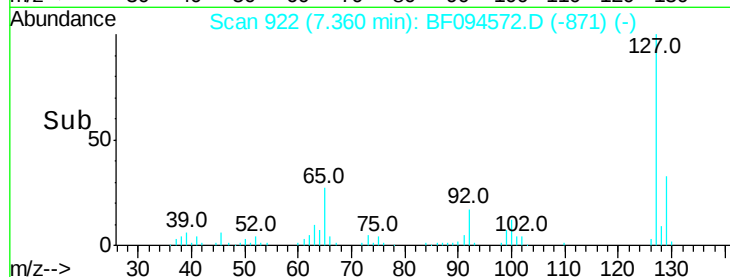


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.69 ng

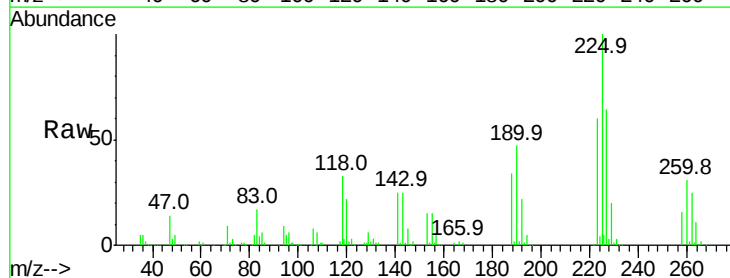
RT: 7.44 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

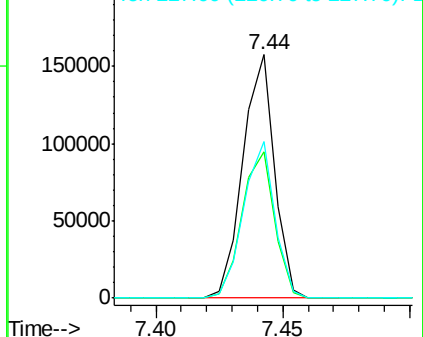
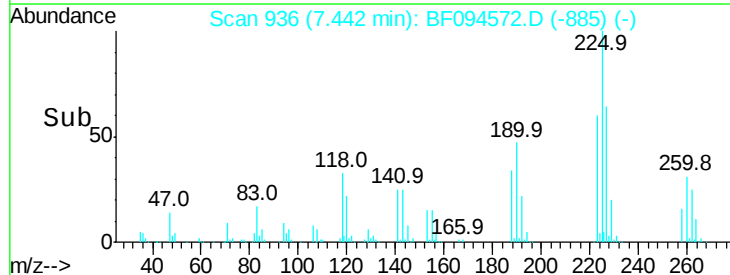
Tgt Ion:	225	Resp:	136421
Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.8	73.2
227	64.1	51.1	76.7

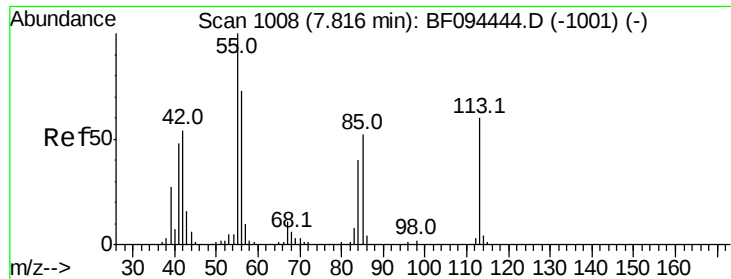


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

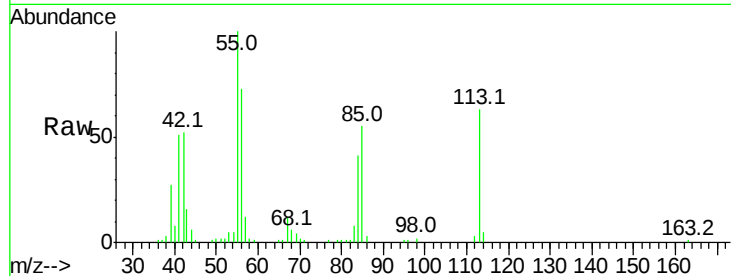




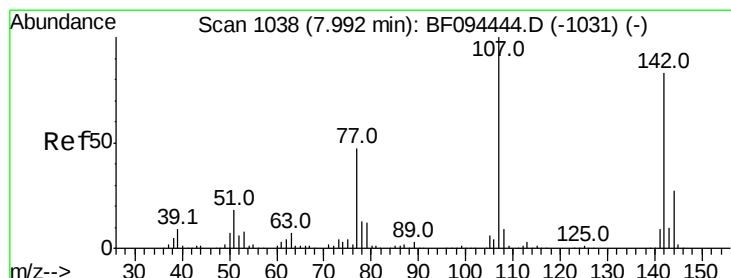
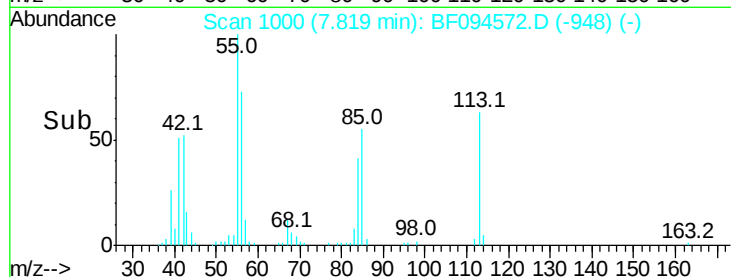
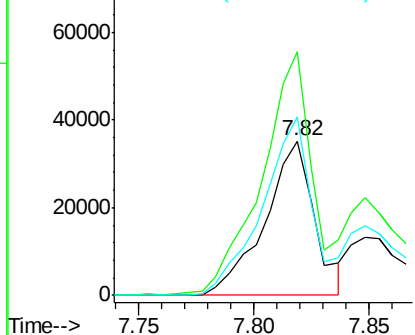
#35
 Caprolactam
 Concen: 26.19 ng
 RT: 7.82 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 52243
 Ion Ratio Lower Upper
 113 100
 55 158.0 150.2 190.2
 56 116.1 107.8 147.8

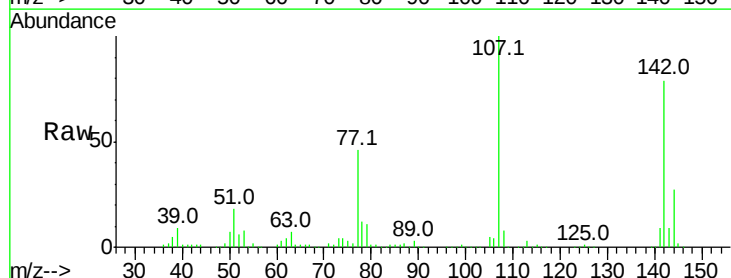


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

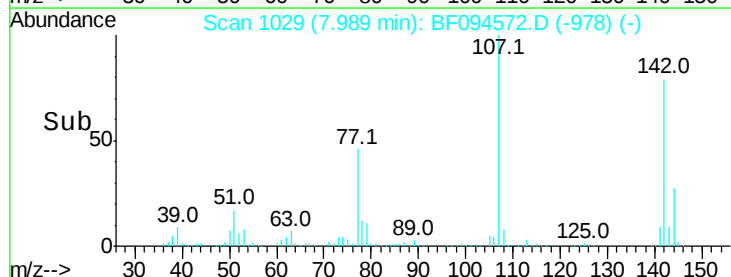
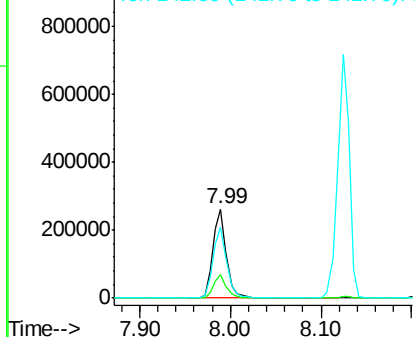


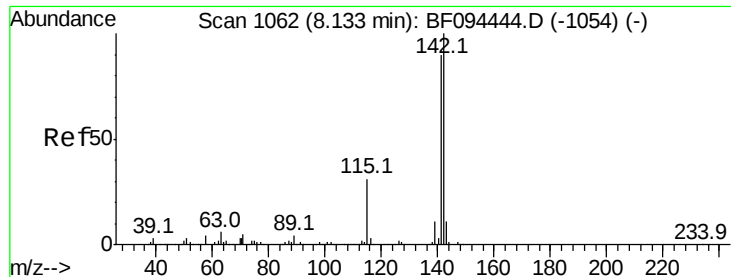
#36
 4-Chloro-3-methylphenol
 Concen: 41.08 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion:107 Resp: 273345
 Ion Ratio Lower Upper
 107 100
 144 26.9 24.2 36.4
 142 79.2 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: 44.02 ng

RT: 8.12 min Scan# 1052

Delta R.T. -0.01 min

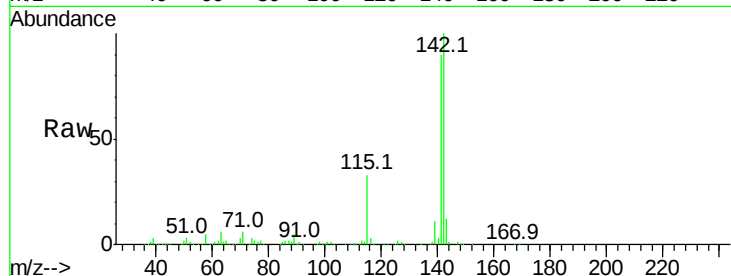
Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 663880

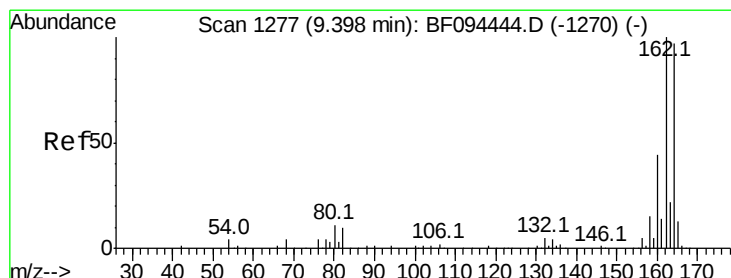
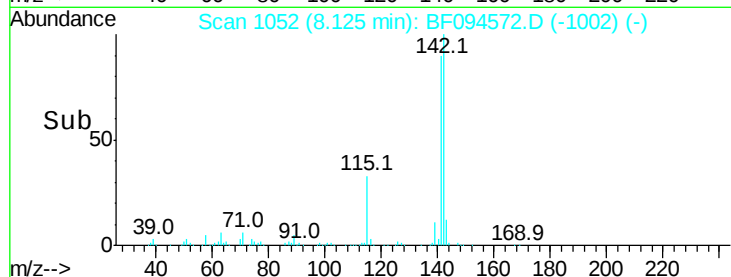
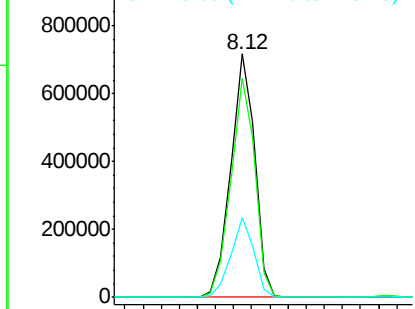
Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	32.7	27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

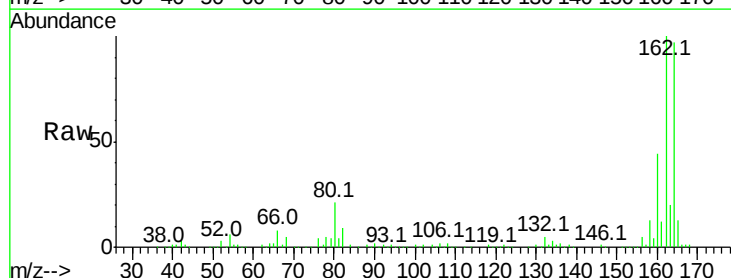
Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:164 Resp: 209435

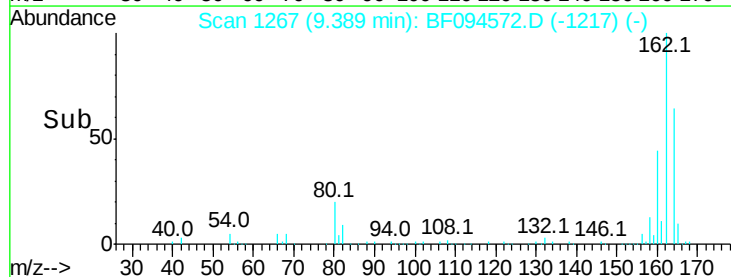
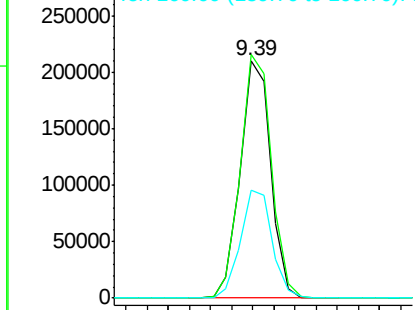
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.2	36.2	54.2

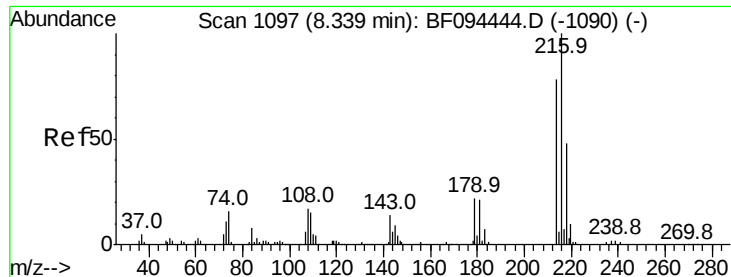


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

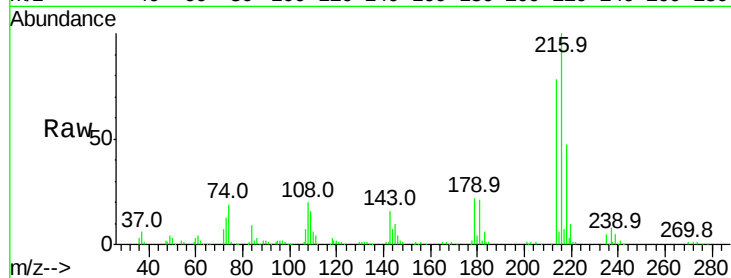




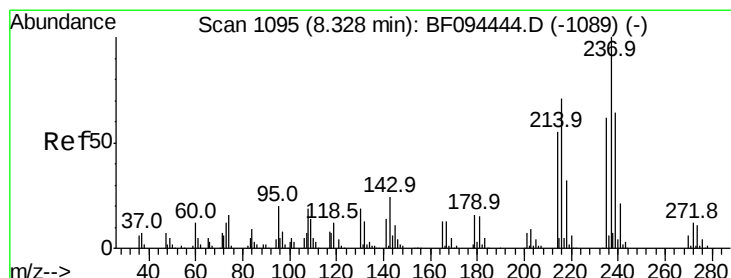
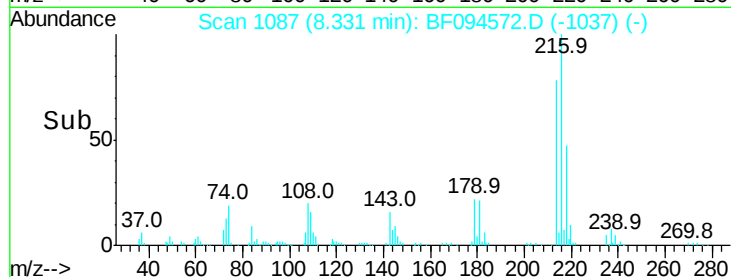
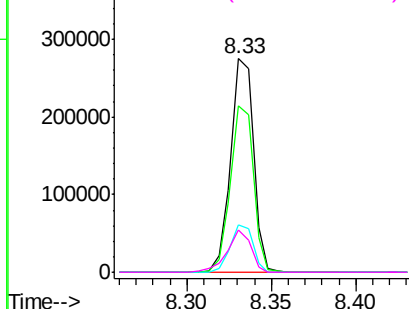
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.25 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	257935
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	22.1	17.9	26.9
108	20.7	16.5	24.7

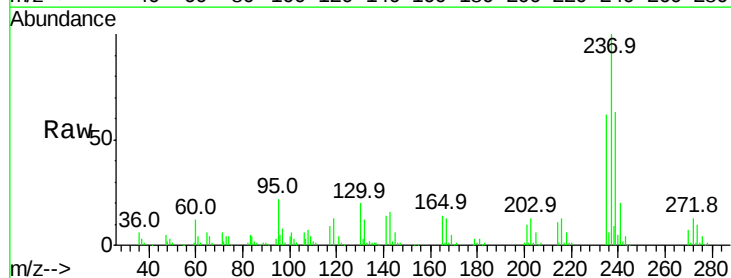


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

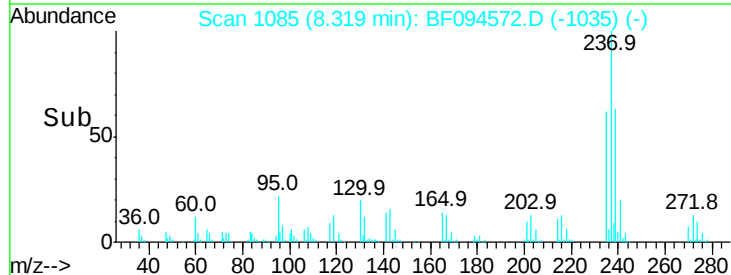
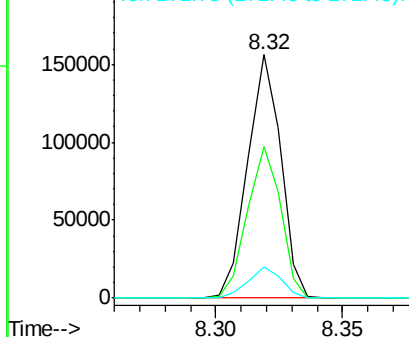


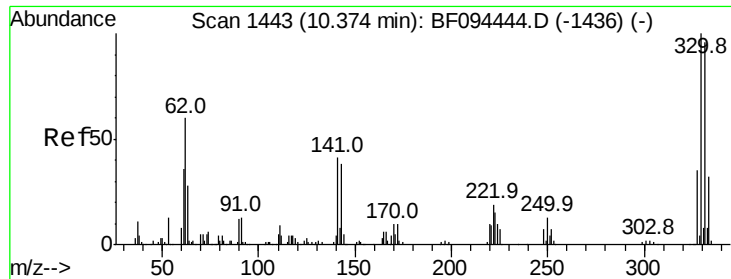
#40
 Hexachlorocyclopentadiene
 Concen: 59.34 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion:	237	Resp:	143159
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.6	82.6
272	12.7	0.0	31.9



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

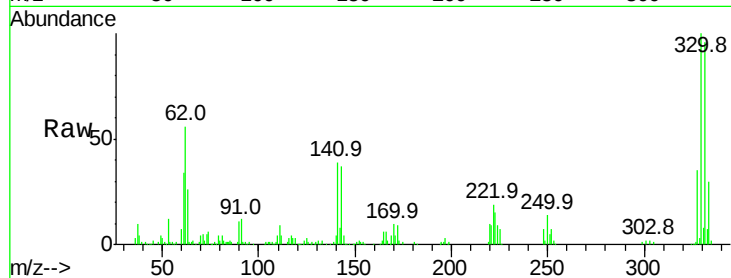




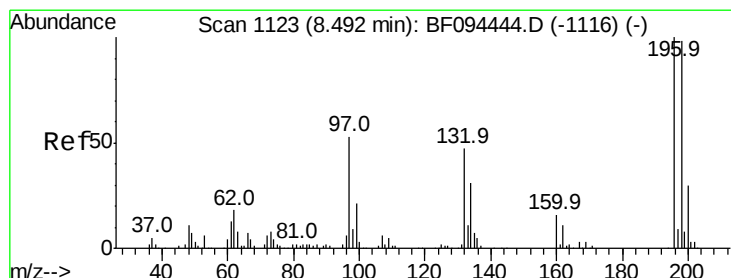
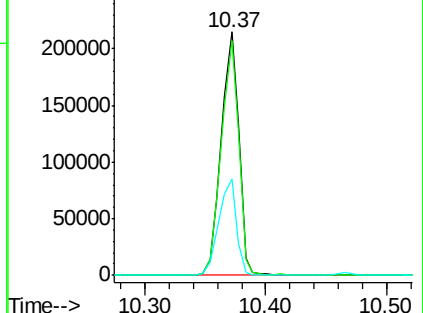
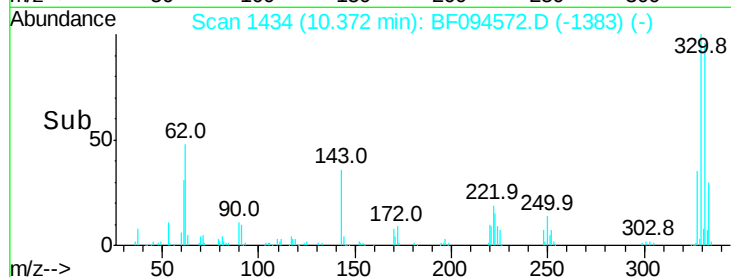
#41
 2,4,6-Tribromophenol
 Concen: 132.72 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 217422
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 39.6 31.4 47.2

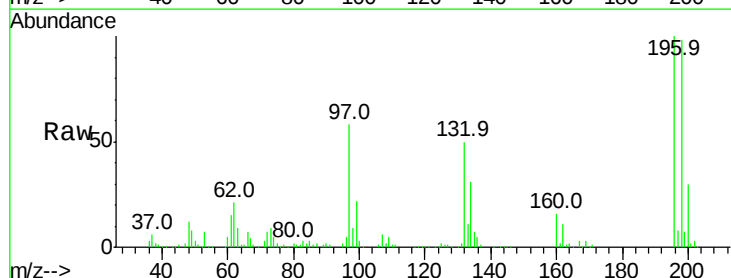


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

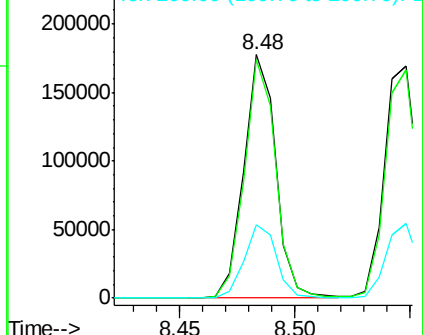
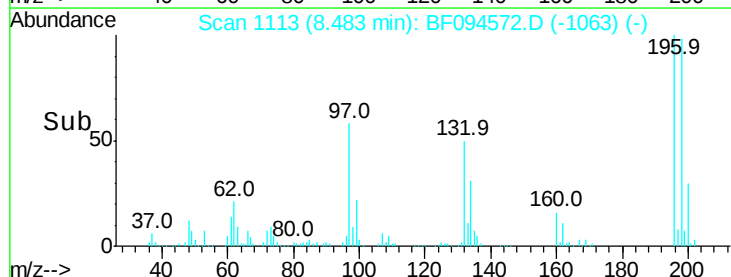


#42
 2,4,6-Trichlorophenol
 Concen: 40.98 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion:196 Resp: 171649
 Ion Ratio Lower Upper
 196 100
 198 98.0 74.2 111.4
 200 30.1 24.0 36.0



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

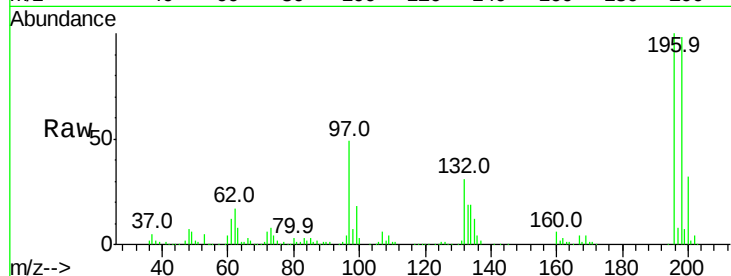




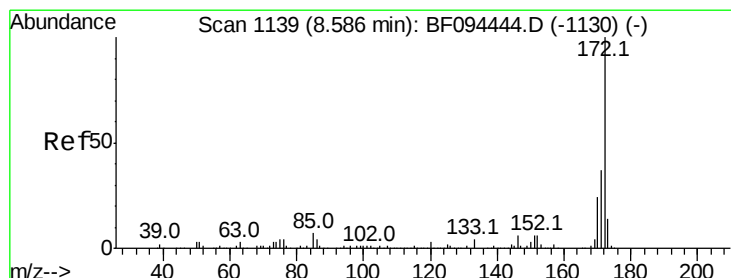
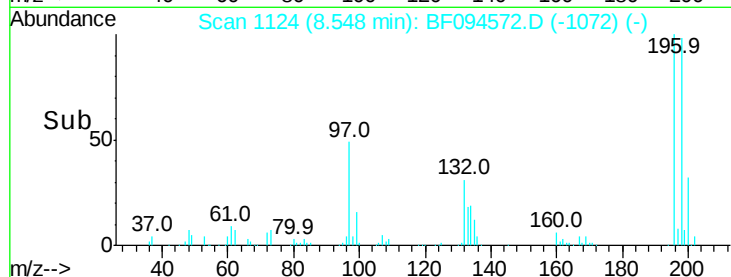
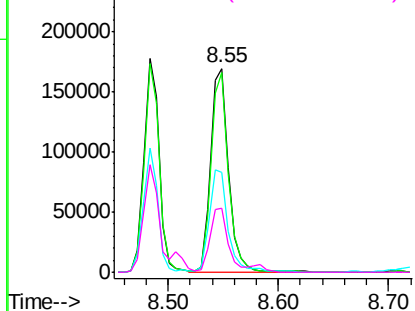
#43
 2,4,5-Trichlorophenol
 Concen: 43.76 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 188214
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.7 113.5
 97 49.1 47.7 71.5
 132 31.2 28.0 42.0

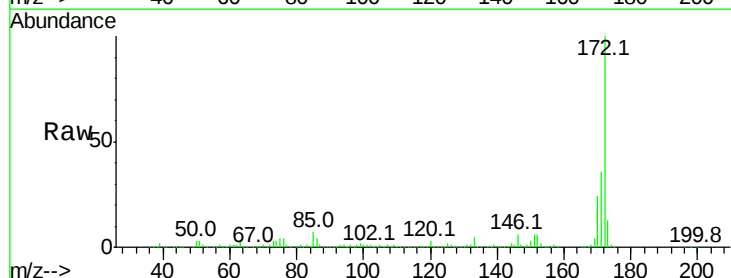


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

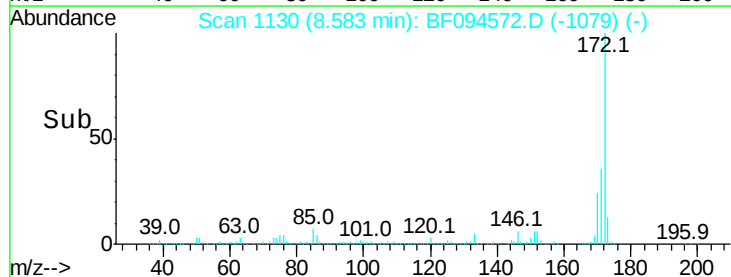
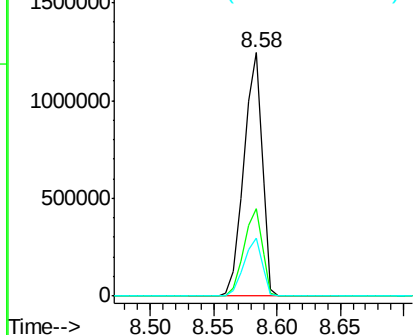


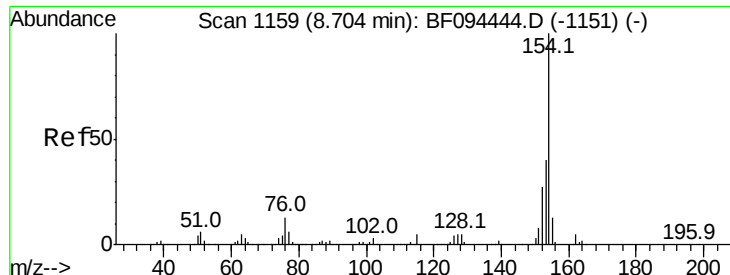
#44
 2-Fluorobiphenyl
 Concen: 86.96 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion:172 Resp: 1237804
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 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

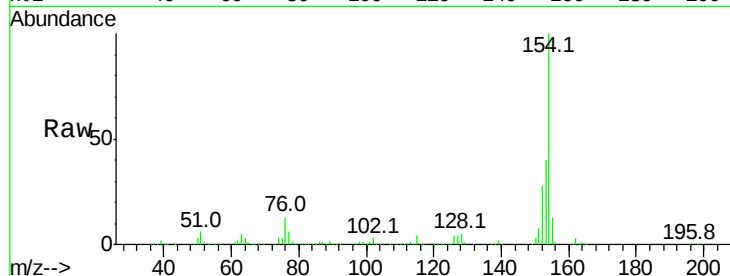




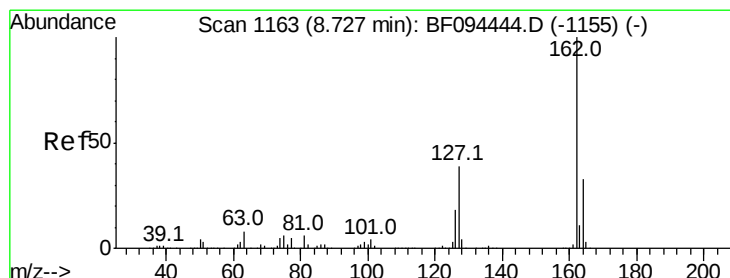
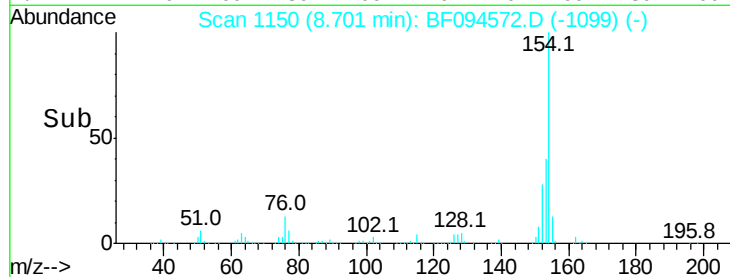
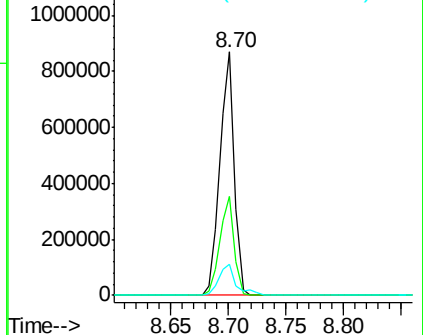
#45
 1,1'-Biphenyl
 Concen: 43.81 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	12.6	0.0	29.9

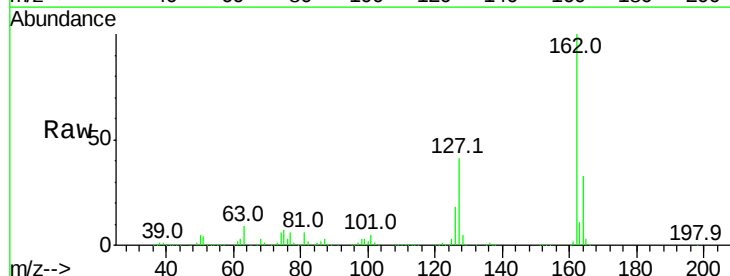


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

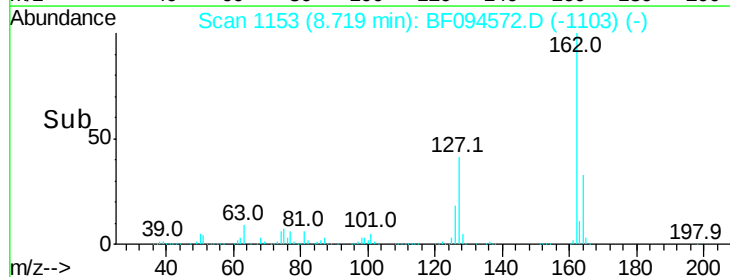
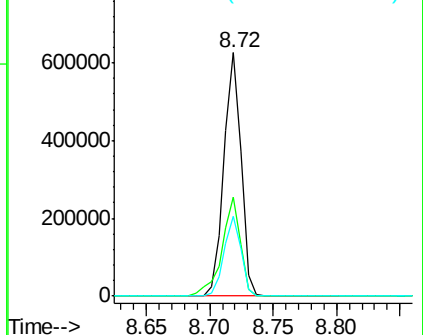


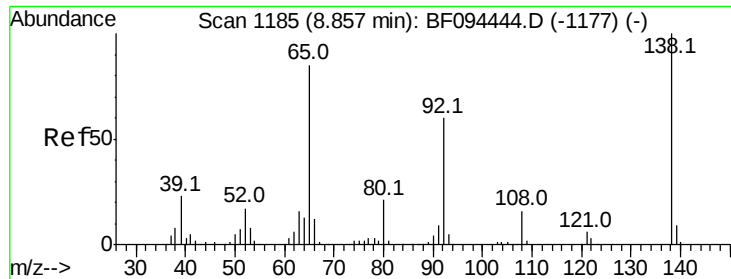
#46
 2-Chloronaphthalene
 Concen: 43.32 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	28.3	42.5
164	32.7	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

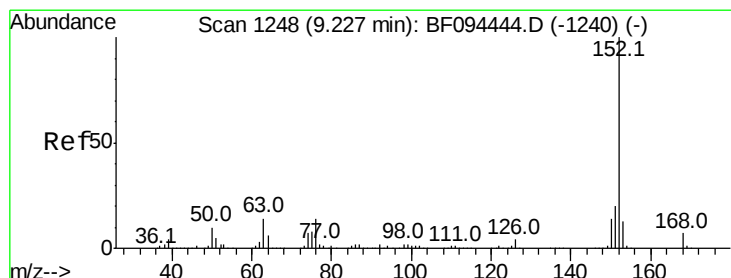
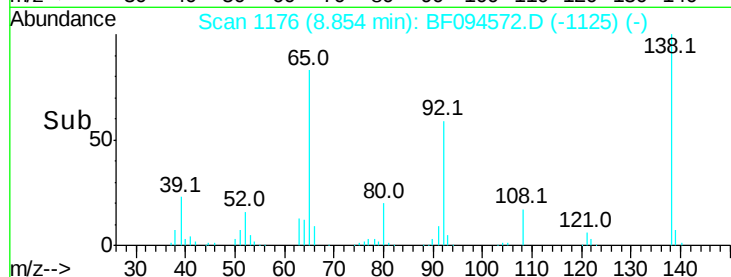
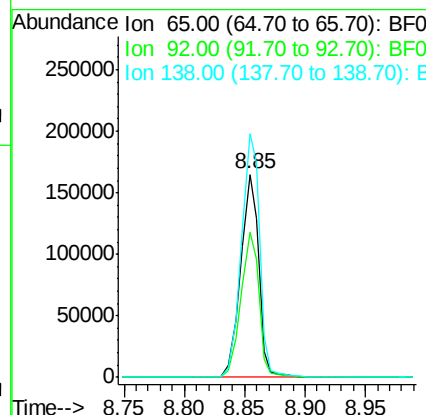
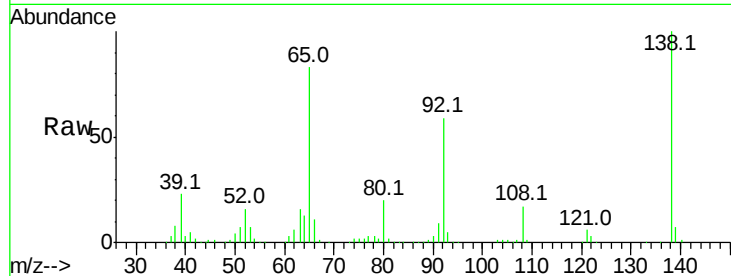




#47
 2-Nitroaniline
 Concen: 44.45 ng
 RT: 8.85 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

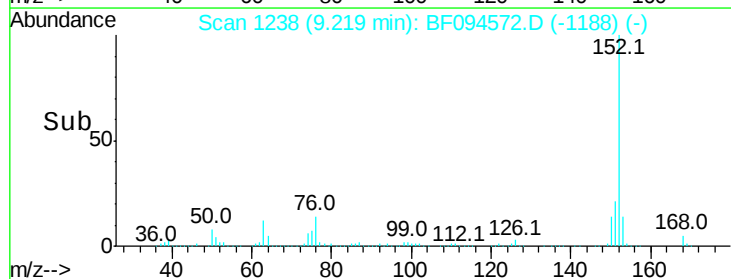
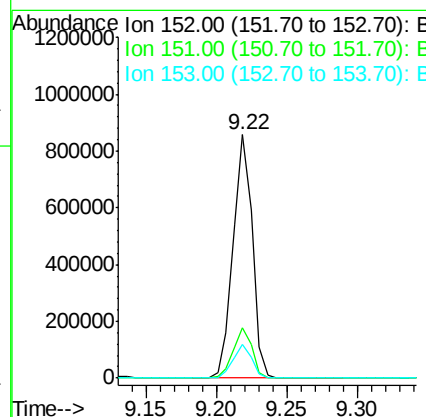
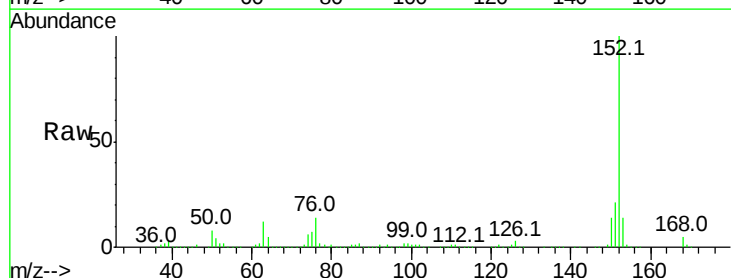
Instrument :
 BNA_F
 ClientSampleID :

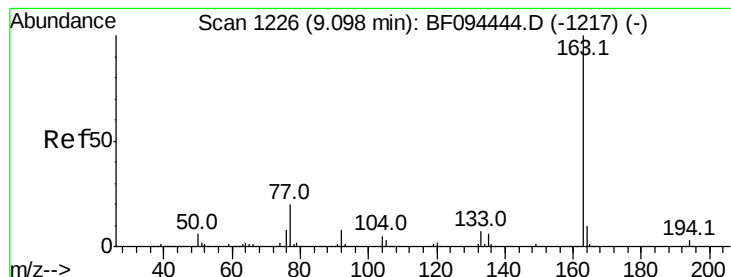
Tot Ion: 65 Resp: 173972
 Ion Ratio Lower Upper
 65 100
 92 71.3 53.9 80.9
 138 119.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.22 ng
 RT: 9.22 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion:152 Resp: 810629
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 57.67 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

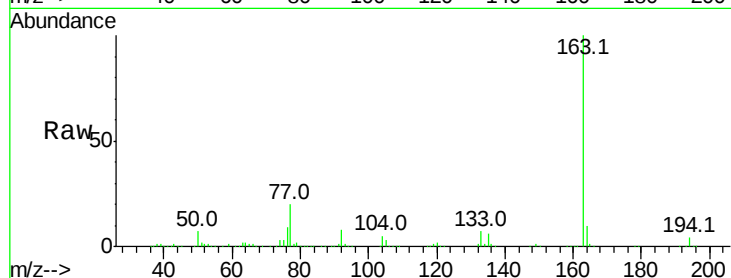
Tot Ion:163 Resp: 900092

Ion Ratio Lower Upper

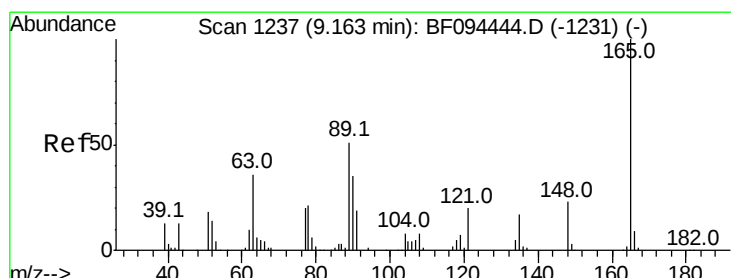
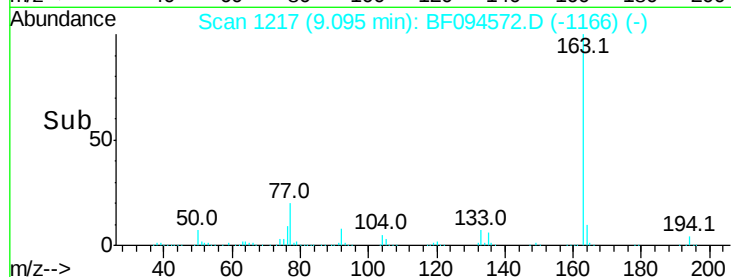
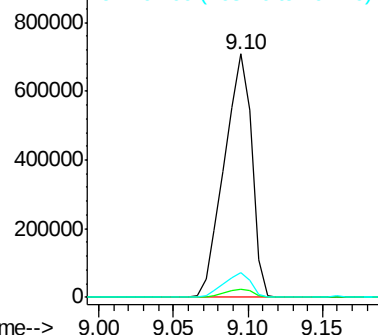
163 100

194 3.5 2.6 4.0

164 10.3 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: 43.29 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

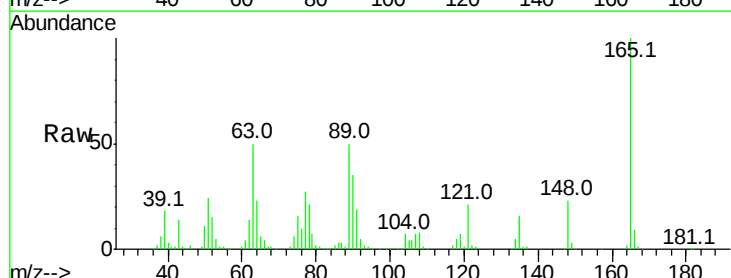
Tgt Ion:165 Resp: 151649

Ion Ratio Lower Upper

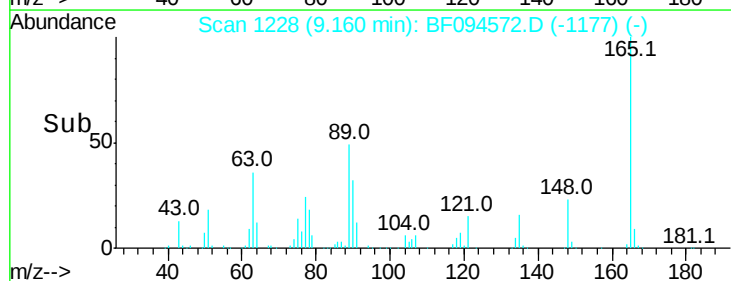
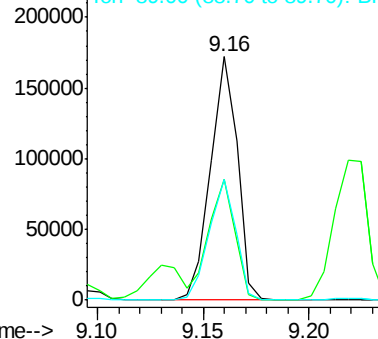
165 100

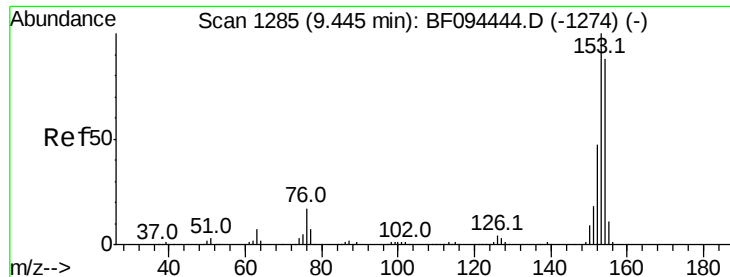
63 49.6 34.3 51.5

89 49.5 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: 41.94 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

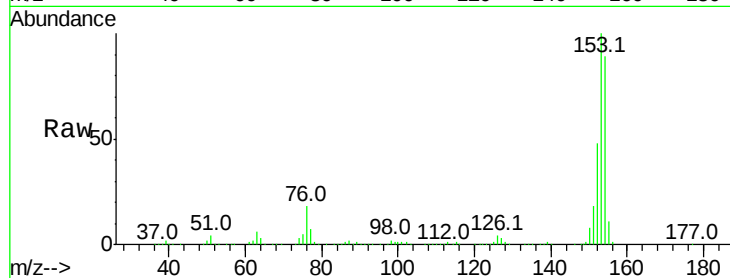
Tot Ion:154 Resp: 532855

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

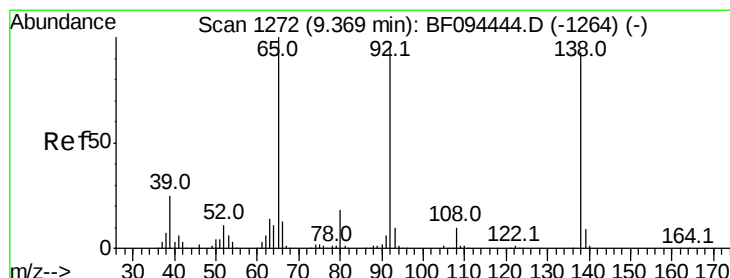
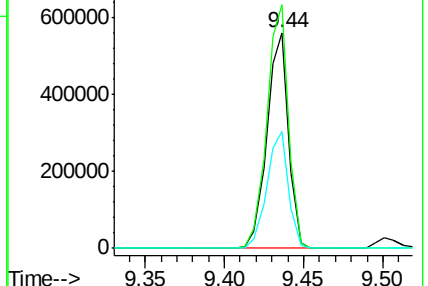
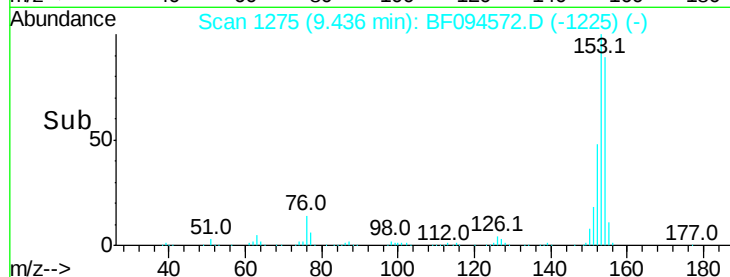
152 54.2 43.6 65.4



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: 28.60 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

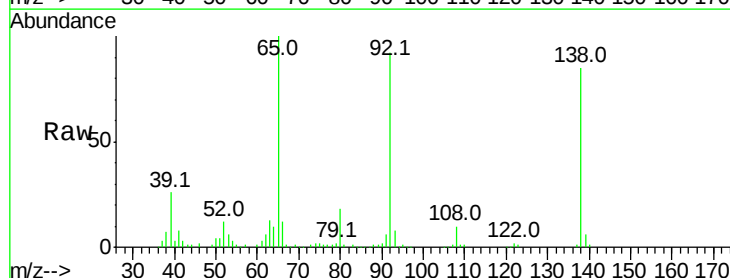
Tgt Ion:138 Resp: 115936

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

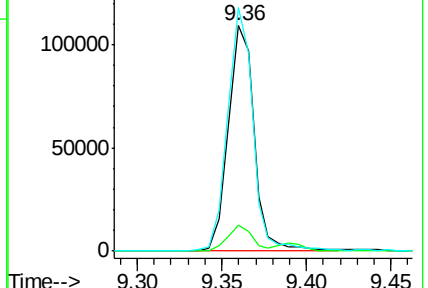
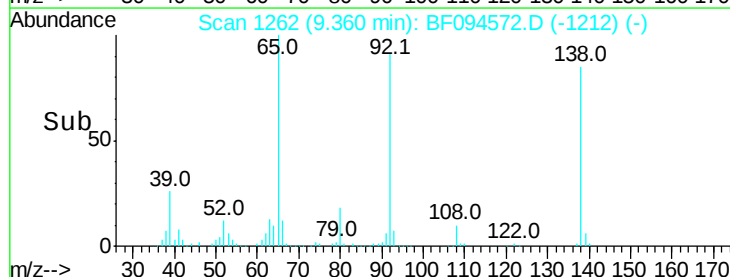
92 108.0 93.8 140.6

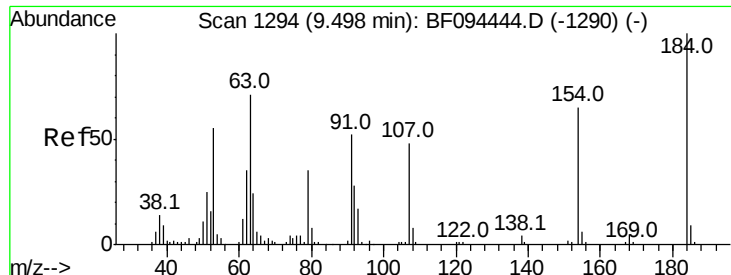


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

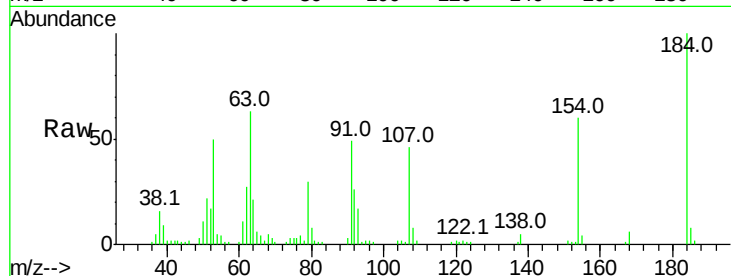




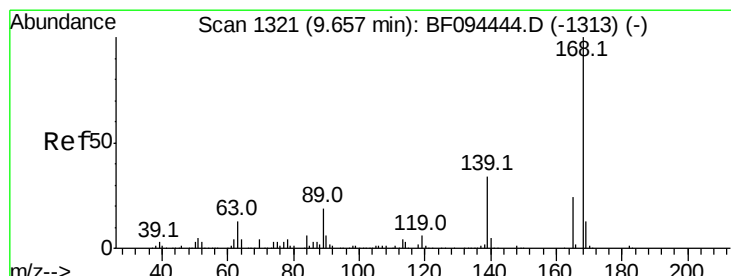
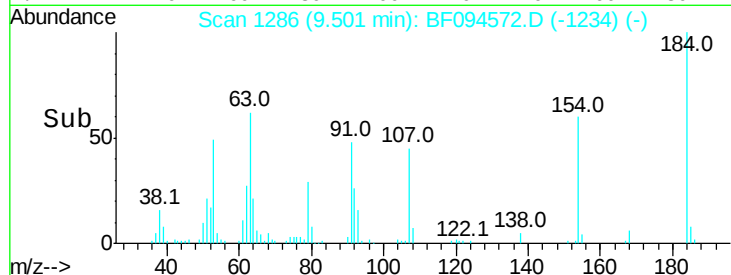
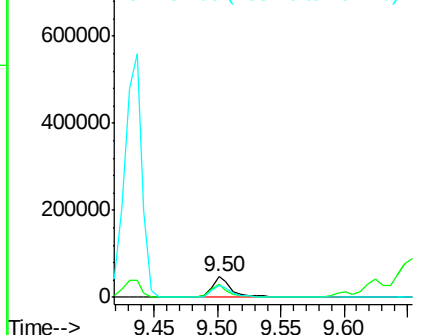
#53
 2,4-Dinitrophenol
 Concen: 31.66 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 53065
 Ion Ratio Lower Upper
 184 100
 63 63.1 62.7 94.1
 154 60.3 81.1 121.7#

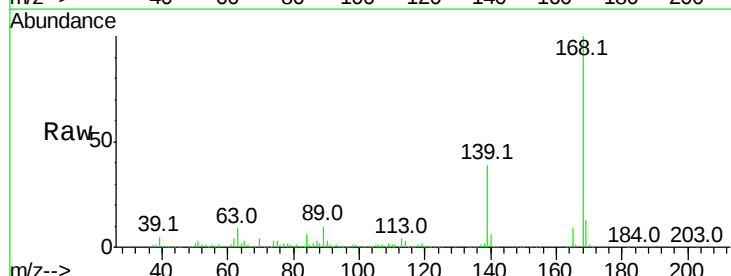


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

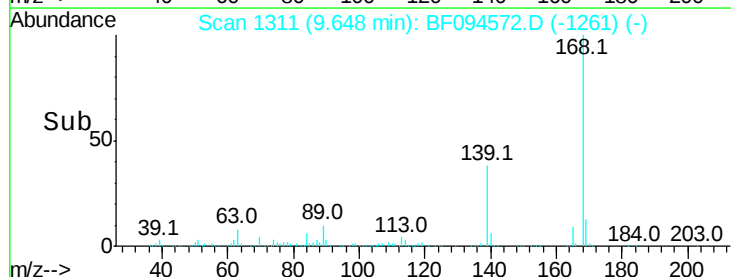
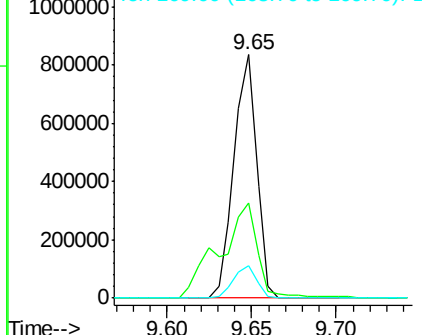


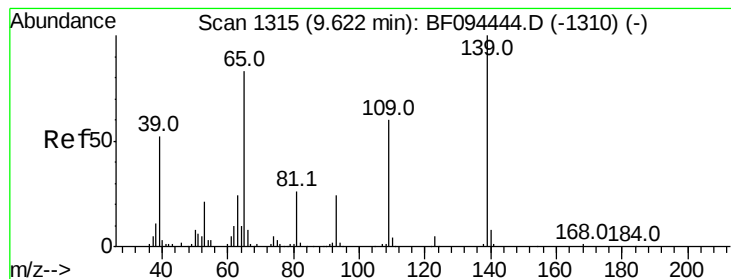
#54
 Dibenzofuran
 Concen: 42.51 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion:168 Resp: 784857
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 13.2 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: 181.46 ng

RT: 9.65 min Scan# 1311

Delta R.T. 0.03 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

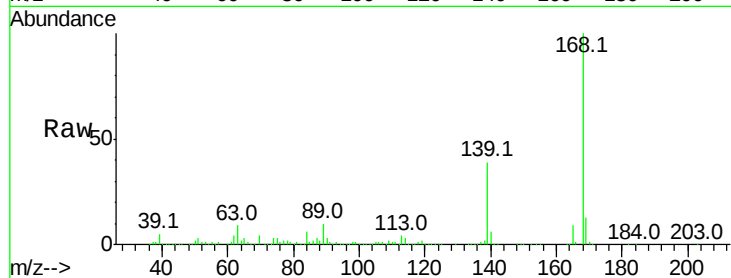
Tot Ion:139 Resp: 519618

Ion Ratio Lower Upper

139 100

109 4.3 34.1 74.1#

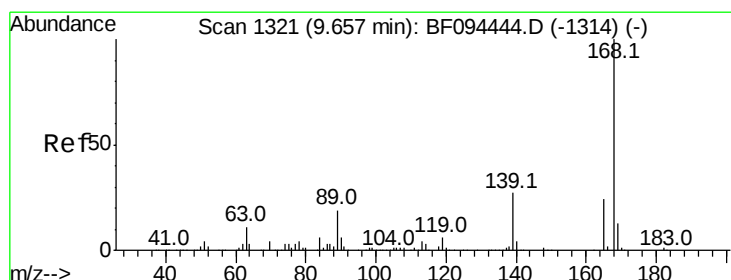
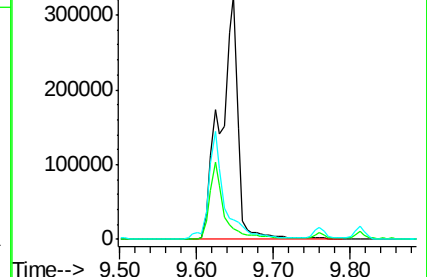
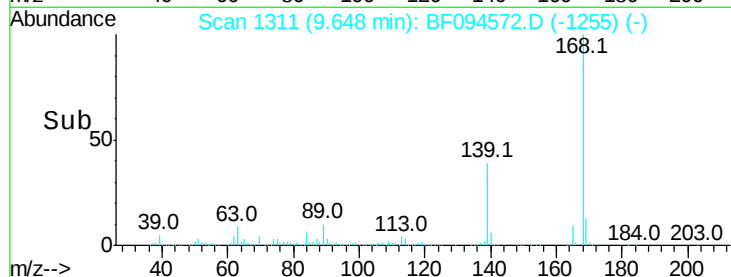
65 8.1 31.4 71.4#



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: 44.78 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:165 Resp: 192472

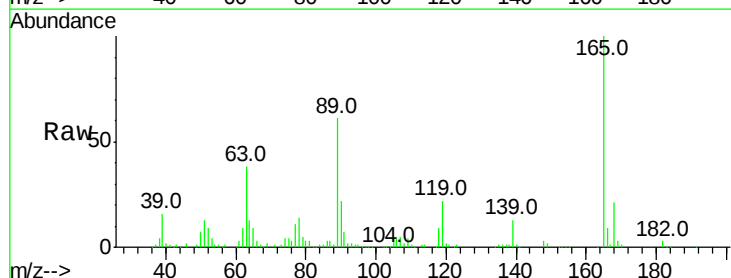
Ion Ratio Lower Upper

165 100

63 38.0 25.4 38.0

89 61.4 46.4 69.6

182 2.7 1.8 2.6#

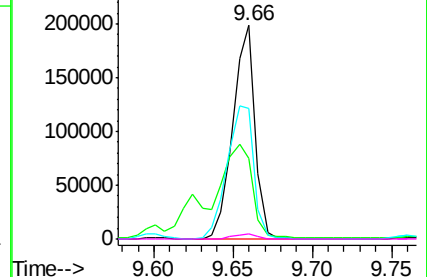
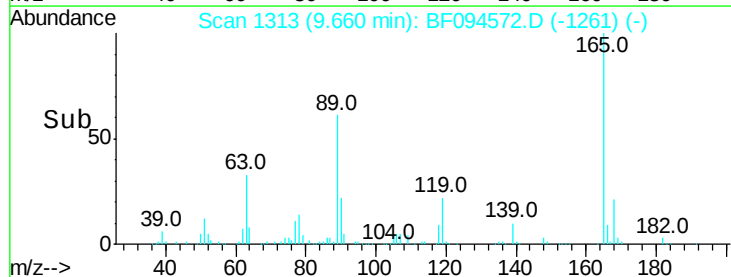


Abundance Ion 165.00 (164.70 to 165.70): E

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

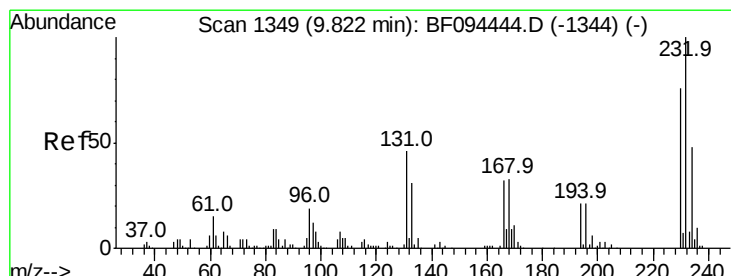
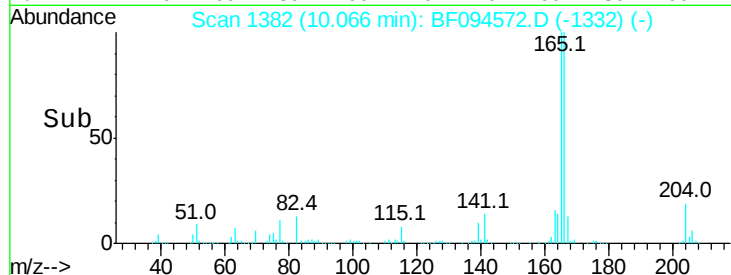
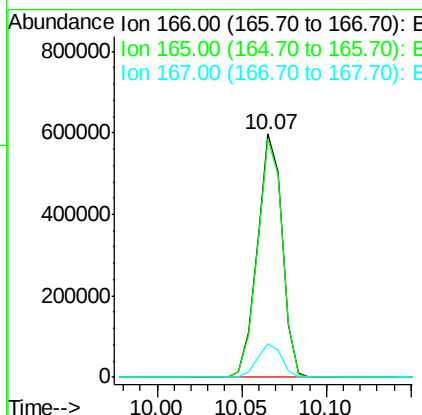
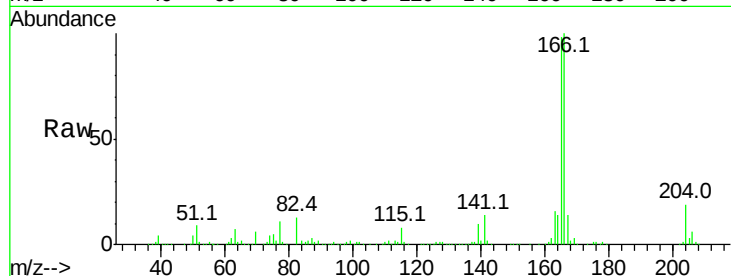




#57
 Fluorene
 Concen: 42.40 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

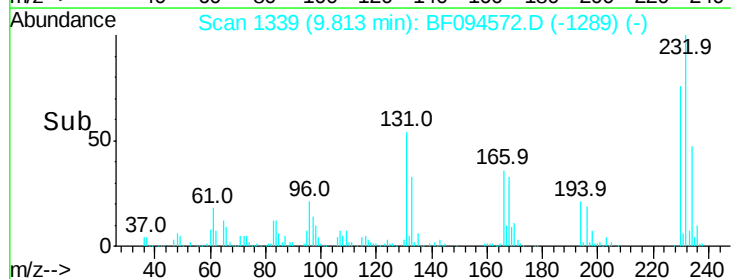
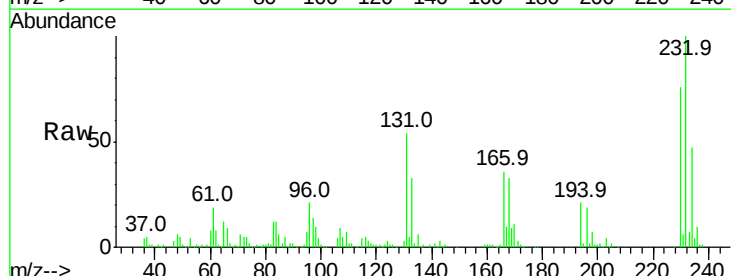
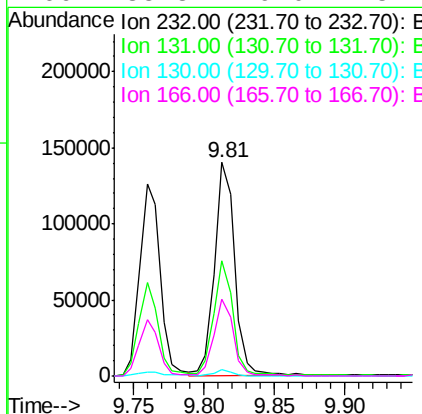
Instrument :
 BNA_F
 ClientSampleId :

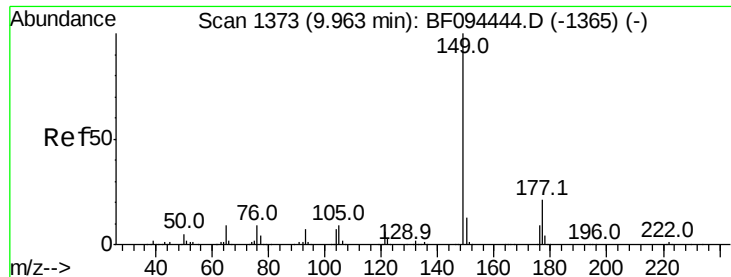
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.8	118.2
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.31 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.6	44.8	67.2
130	2.6	2.3	3.5
166	35.8	29.0	43.4

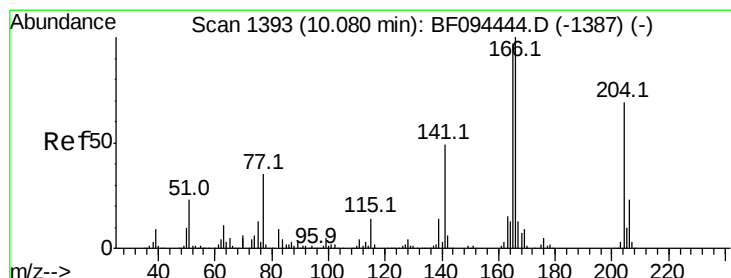
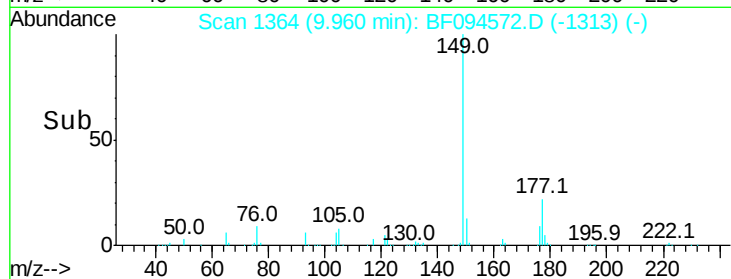
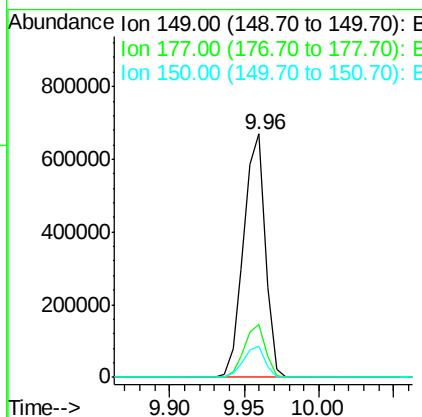
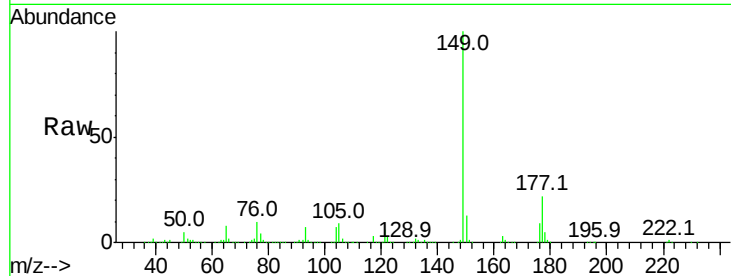




#59
Diethylphthalate
Concen: 46.08 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

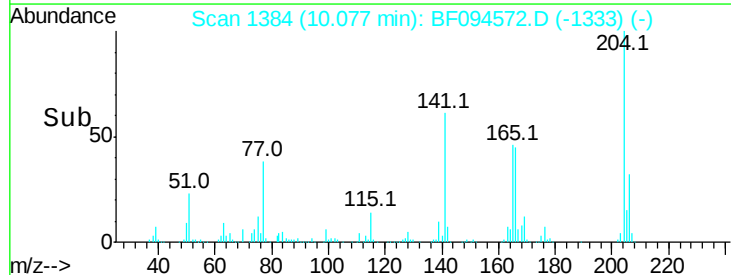
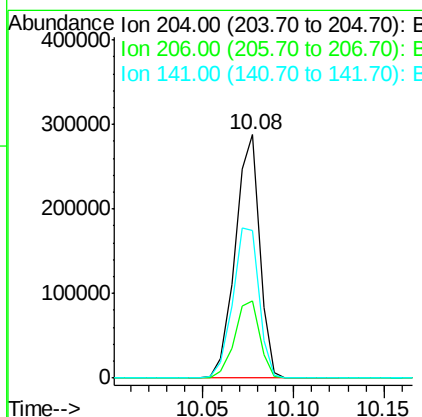
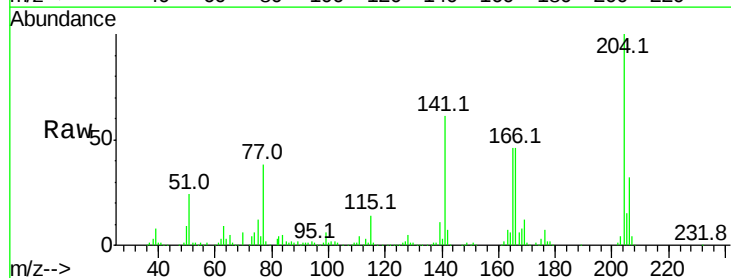
Instrument :
BNA_F
ClientSampleId :

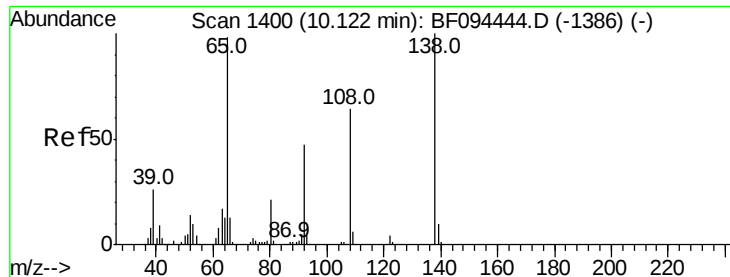
Tot Ion:149 Resp: 678576
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.94 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion:204 Resp: 268897
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 60.9 60.8 91.2

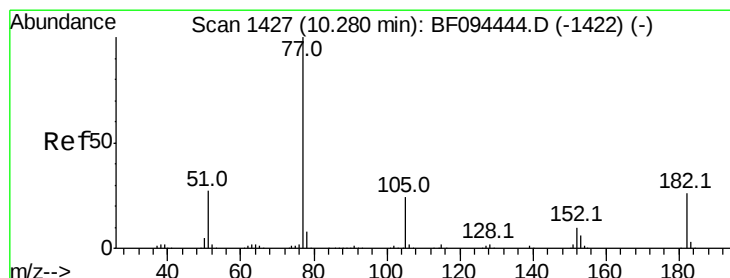
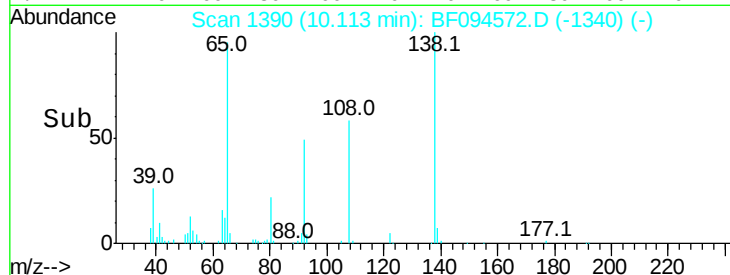
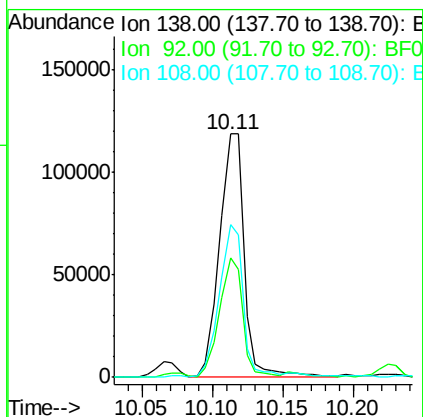
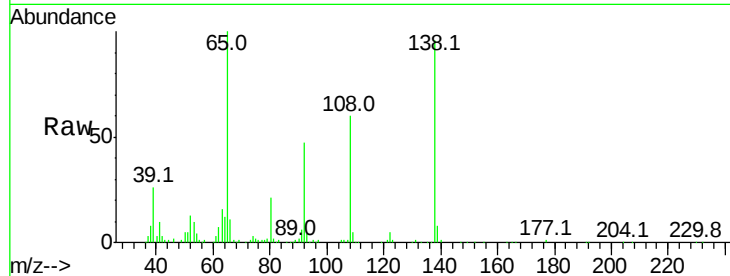




#61
4-Nitroaniline
Concen: 35.10 ng
RT: 10.11 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

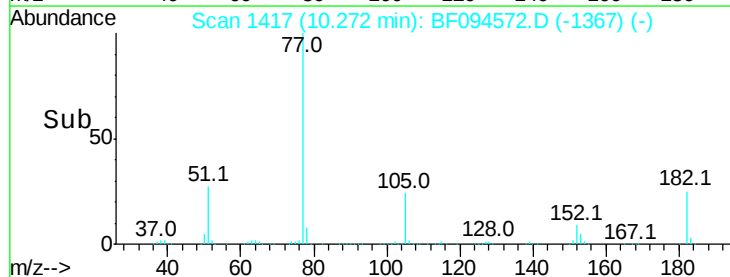
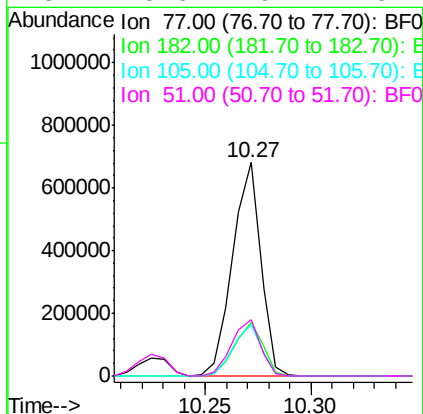
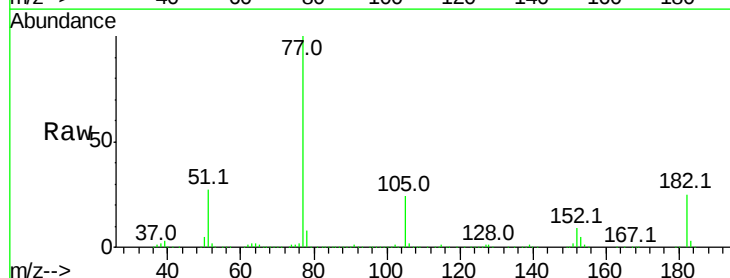
Instrument :
BNA_F
ClientSampleId :

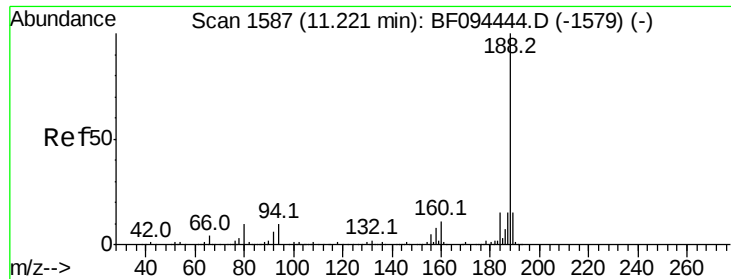
Tot Ion:138 Resp: 144634
Ion Ratio Lower Upper
138 100
92 48.9 21.8 61.8
108 62.8 42.3 82.3



#62
Azobenzene
Concen: 43.69 ng
RT: 10.27 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion: 77 Resp: 624655
Ion Ratio Lower Upper
77 100
182 25.4 0.1 40.1
105 23.9 3.6 43.6
51 26.6 9.4 49.4

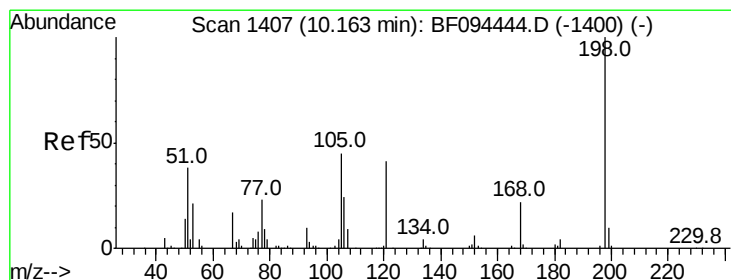
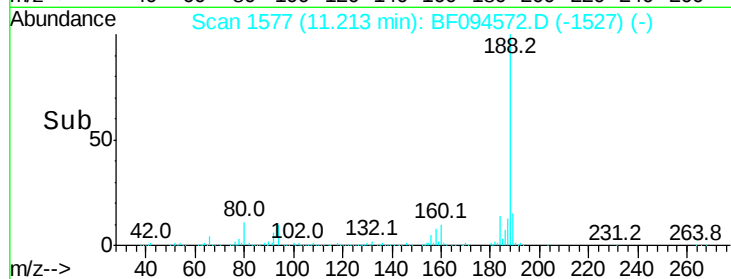
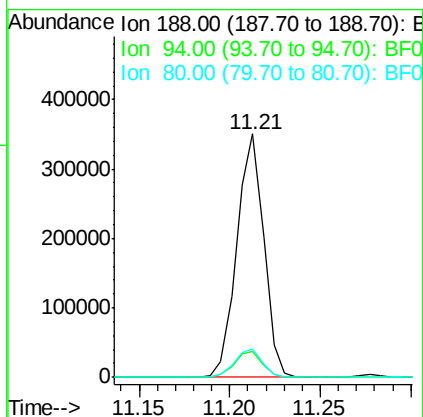
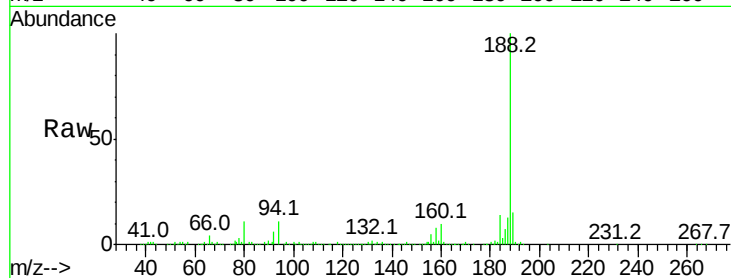




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

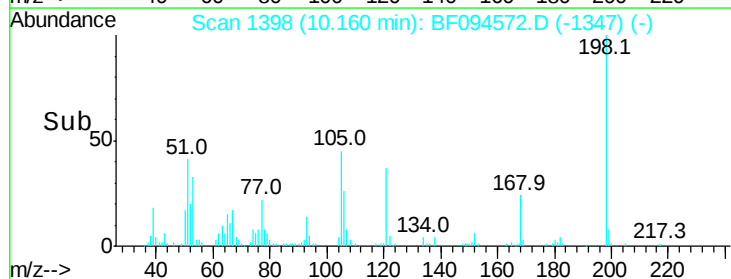
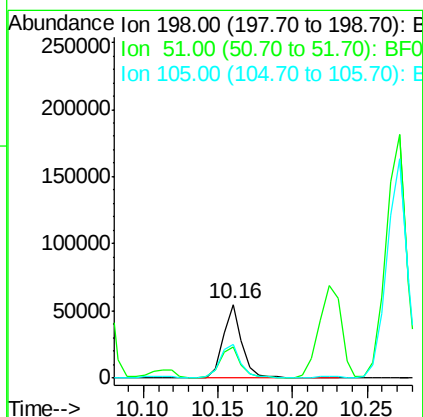
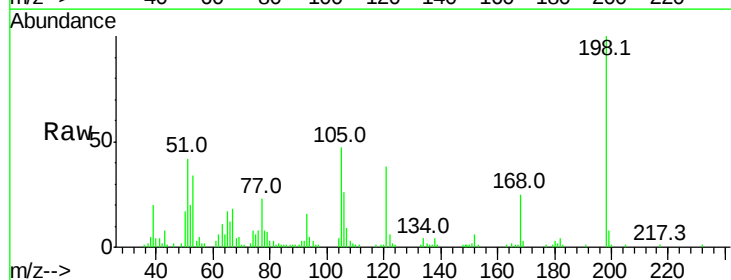
Instrument :
BNA_F
ClientSampled :

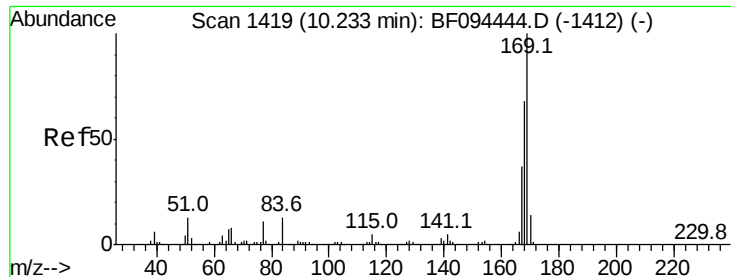
Tot Ion:188 Resp: 362630
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 20.61 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion:198 Resp: 48965
Ion Ratio Lower Upper
198 100
51 41.7 53.2 93.2#
105 46.5 45.8 85.8

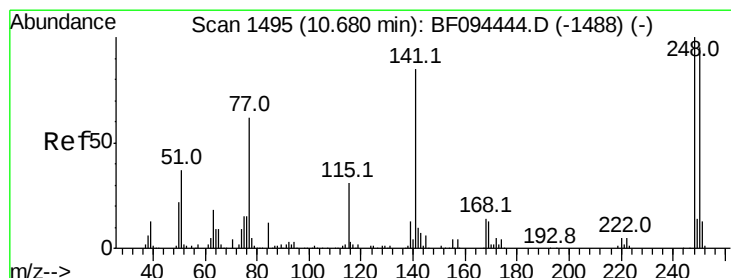
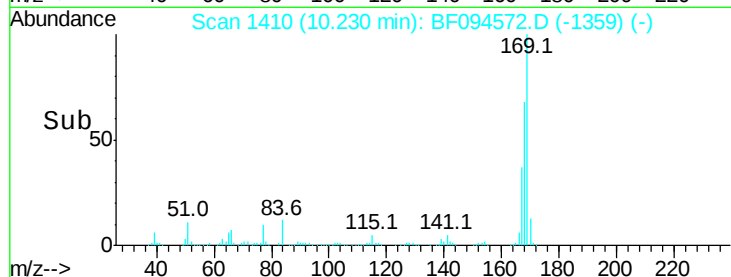
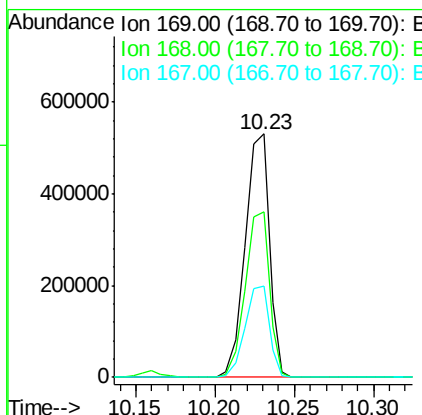
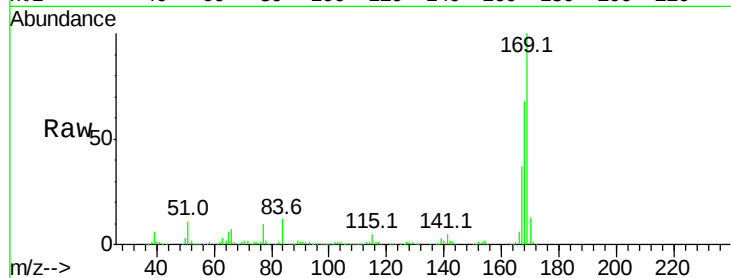




#65
n-Nitrosodiphenylamine
Concen: 44.76 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

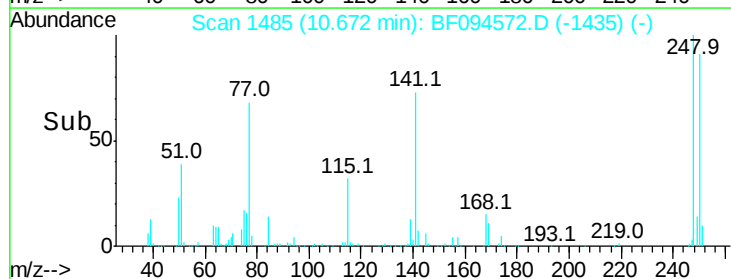
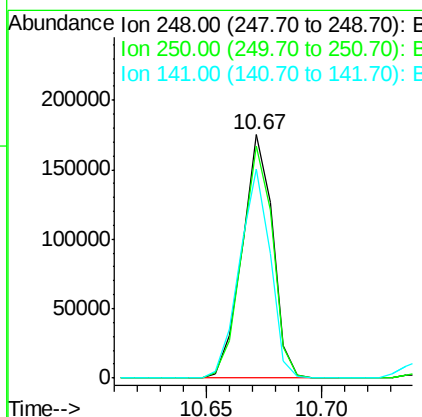
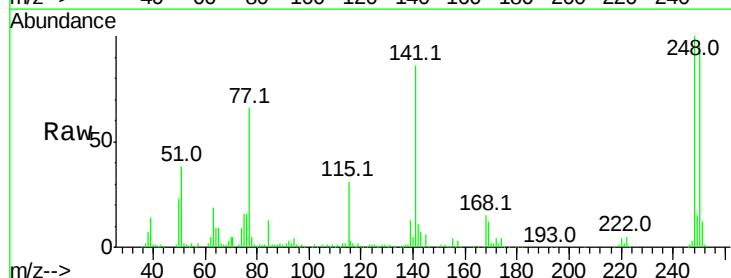
Instrument :
BNA_F
ClientSampleId :

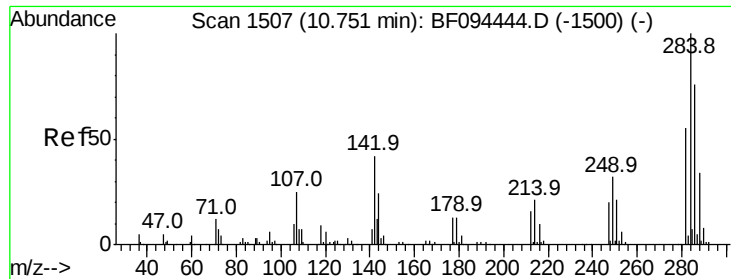
Tot Ion:169 Resp: 564491
Ion Ratio Lower Upper
169 100
168 67.8 53.2 79.8
167 37.3 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 45.13 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion:248 Resp: 162491
Ion Ratio Lower Upper
248 100
250 95.4 76.8 115.2
141 86.0 68.6 103.0

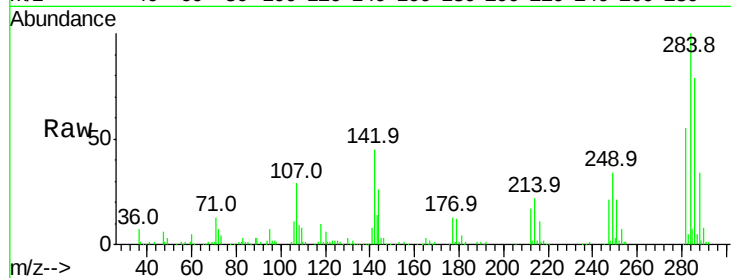




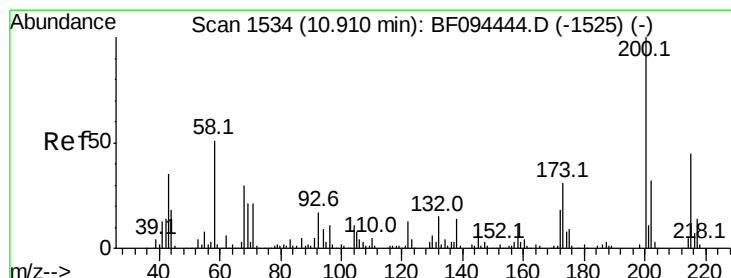
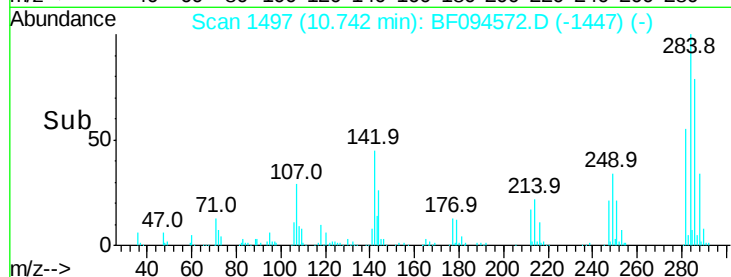
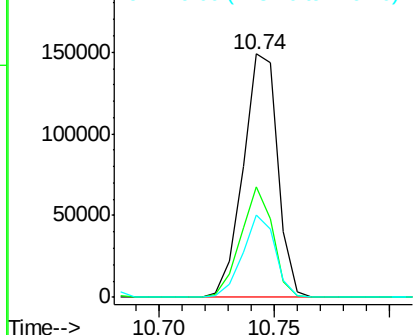
#67
Hexachlorobenzene
Concen: 42.97 ng
RT: 10.74 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 155913
Ion Ratio Lower Upper
284 100
142 45.2 22.8 34.2#
249 33.8 24.0 36.0

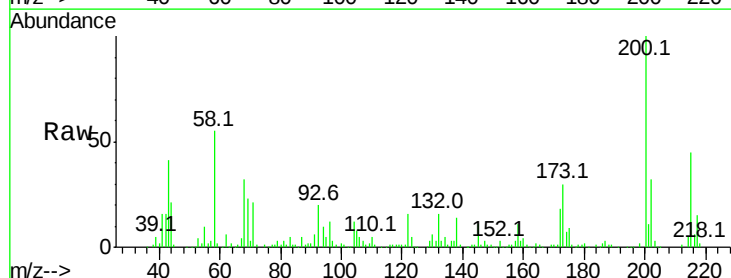


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

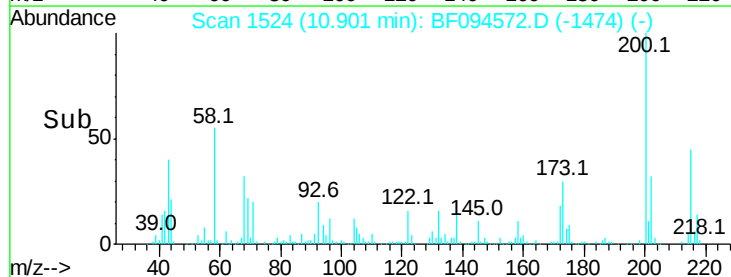
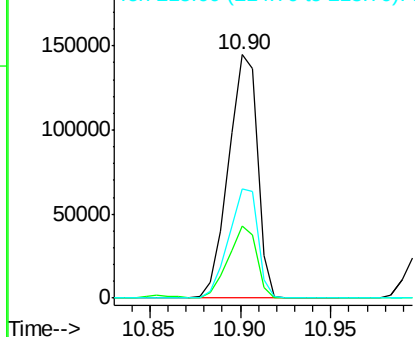


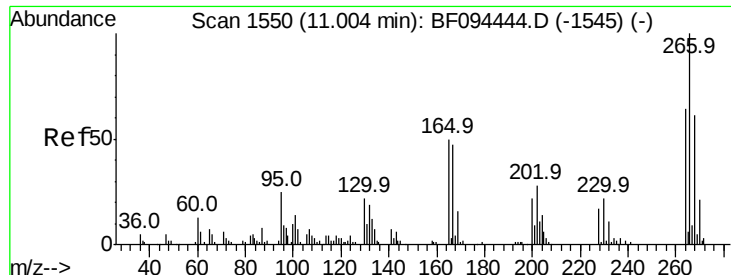
#68
Atrazine
Concen: 42.85 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion:200 Resp: 161668
Ion Ratio Lower Upper
200 100
173 29.9 6.3 46.3
215 45.1 27.2 67.2



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

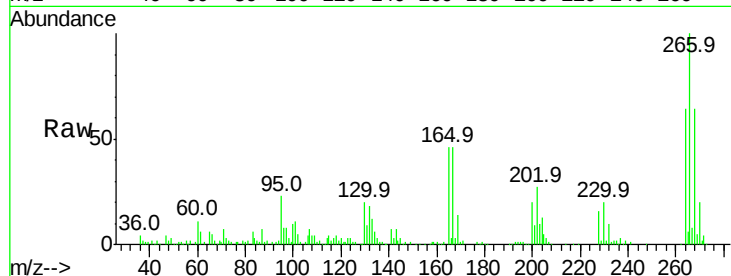




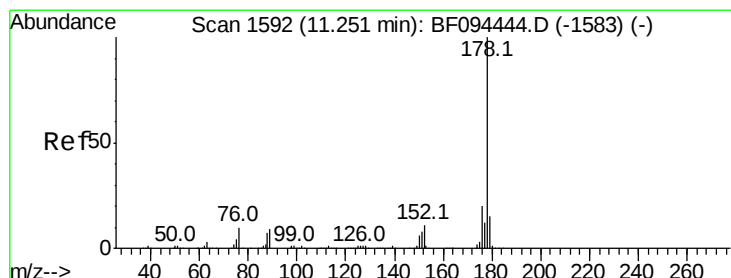
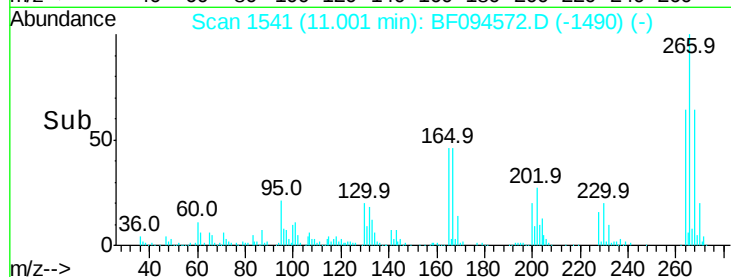
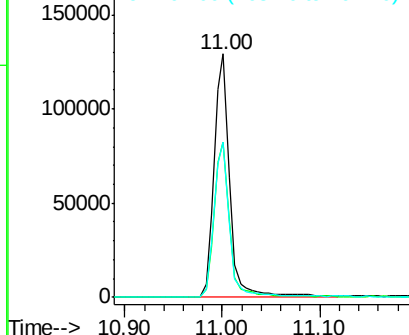
#69
 Pentachlorophenol
 Concen: 100.38 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 144633
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 63.9 51.7 77.5

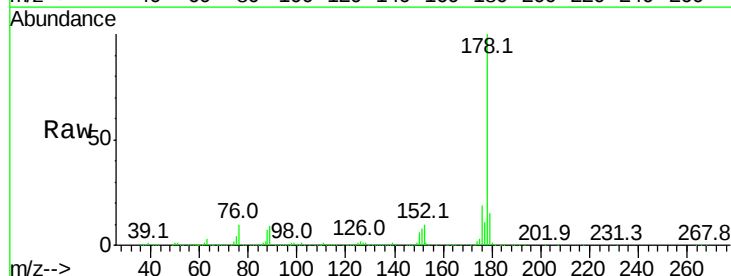


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

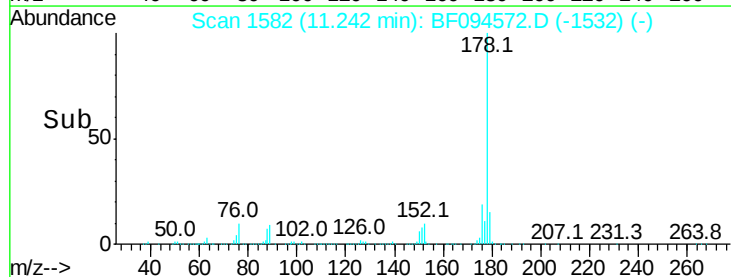
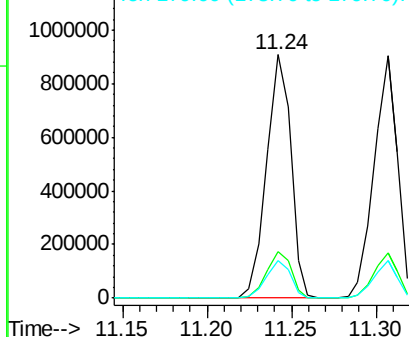


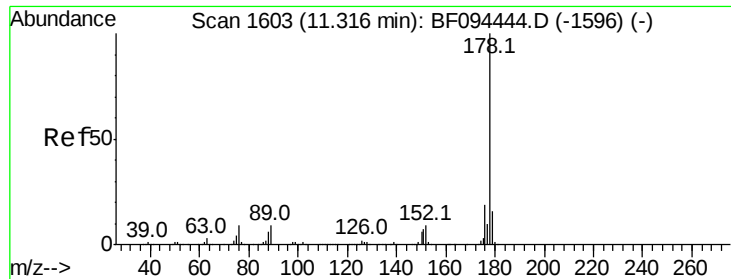
#70
 Phenanthrene
 Concen: 44.60 ng
 RT: 11.24 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion:178 Resp: 910798
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.3 12.6 19.0



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

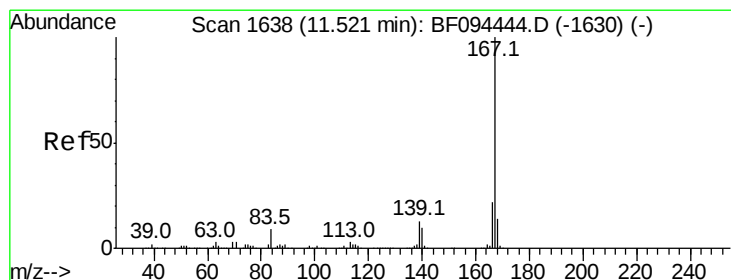
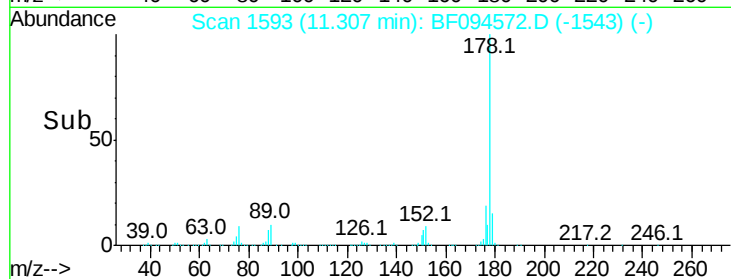
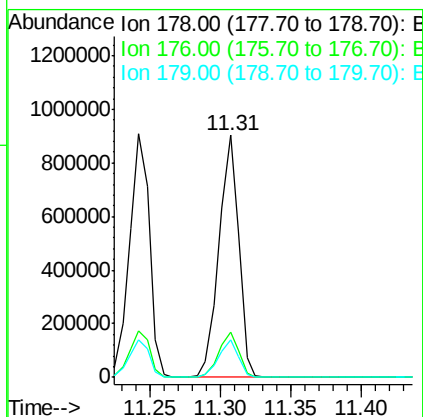
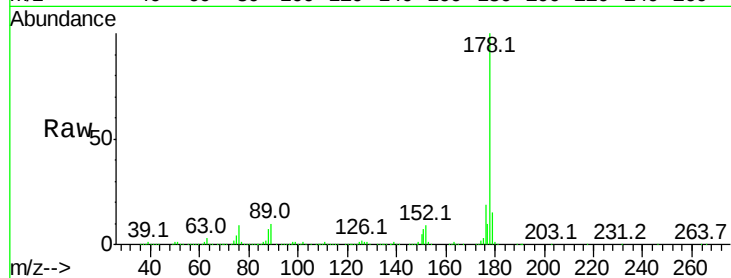




#71
 Anthracene
 Concen: 41.77 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

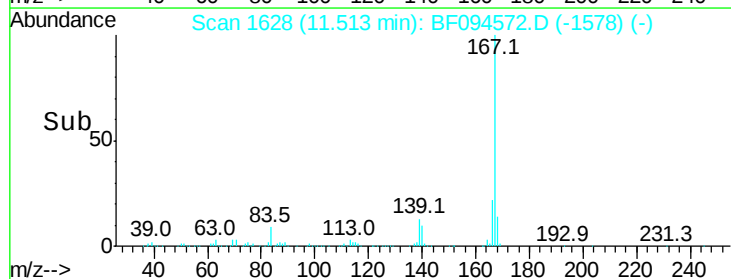
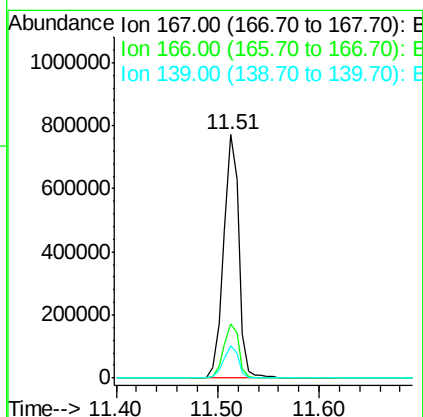
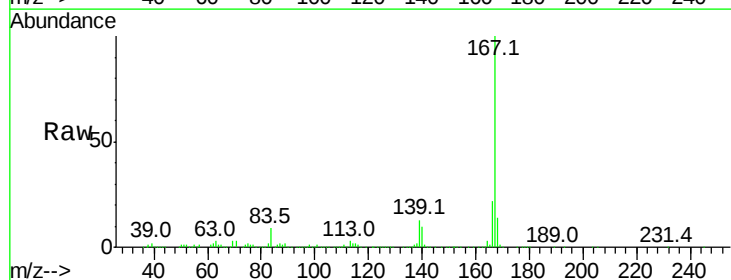
Instrument :
 BNA_F
 ClientSampleId :

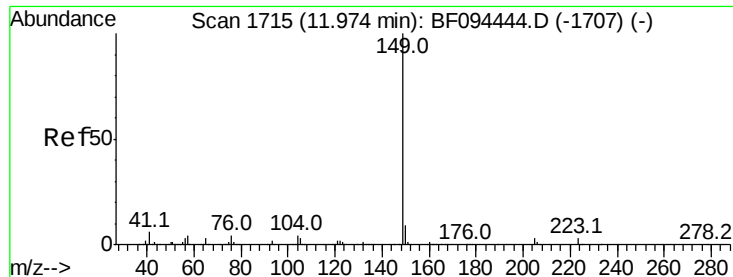
Tot Ion:178 Resp: 882243
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 40.58 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion:167 Resp: 804630
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.57 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampled :

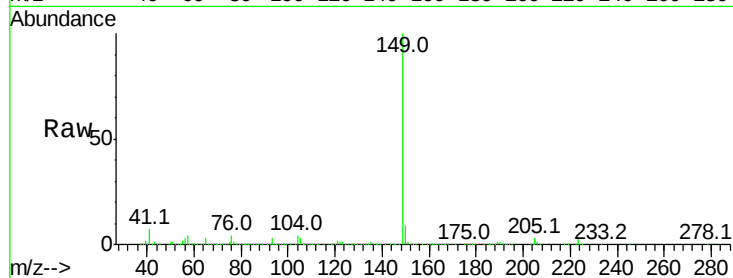
Tot Ion:149 Resp: 1060172

Ion Ratio Lower Upper

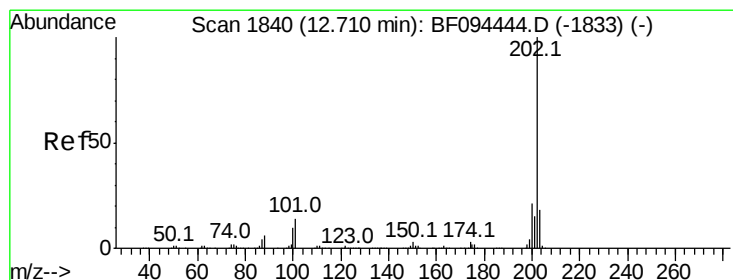
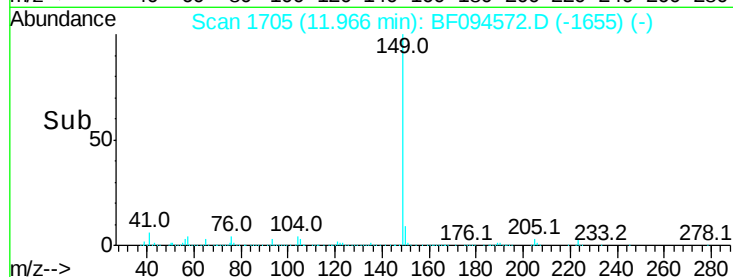
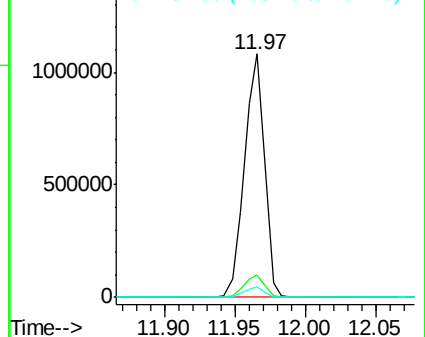
149 100

150 9.3 7.7 11.5

104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.53 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

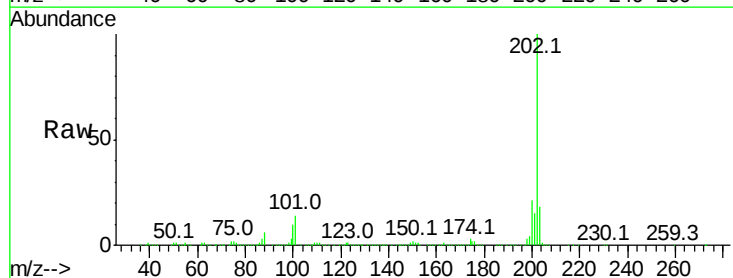
Tgt Ion:202 Resp: 857852

Ion Ratio Lower Upper

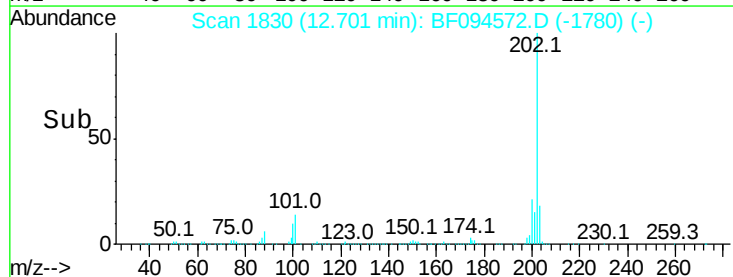
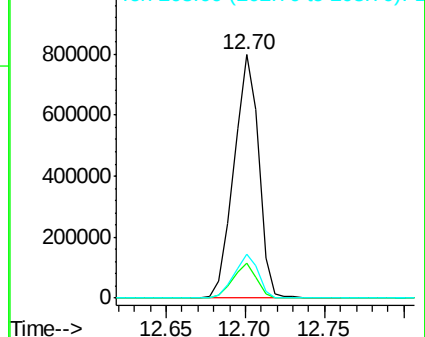
202 100

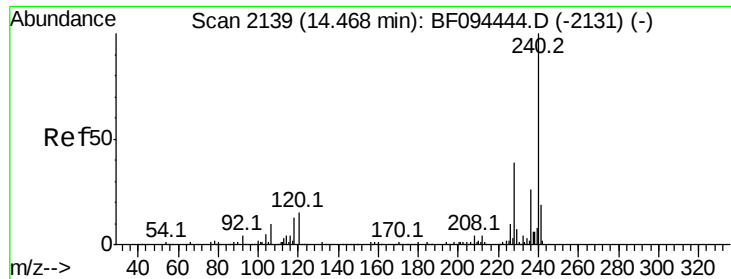
101 14.2 0.0 33.2

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

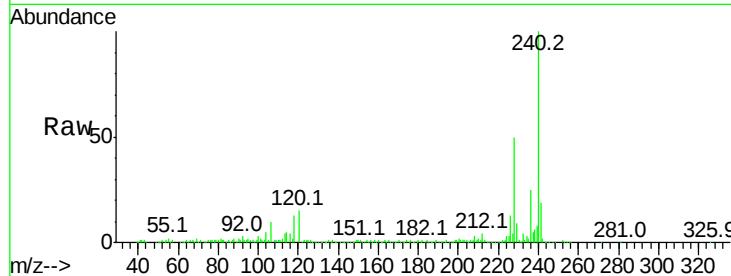
Tot Ion:240 Resp: 260129

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

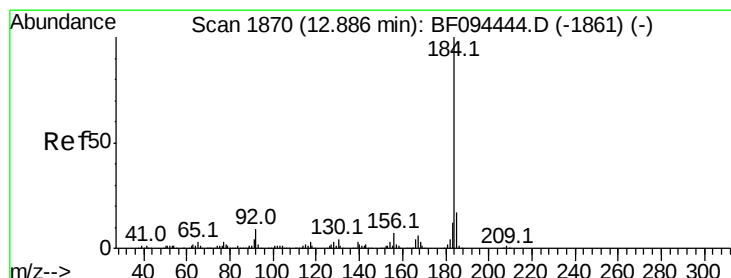
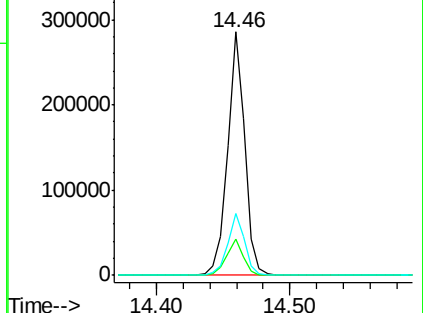
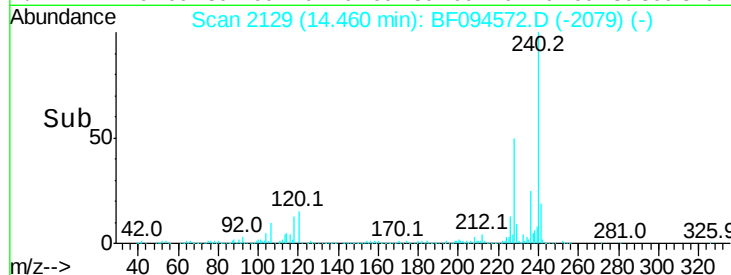
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.80 ng

RT: 12.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

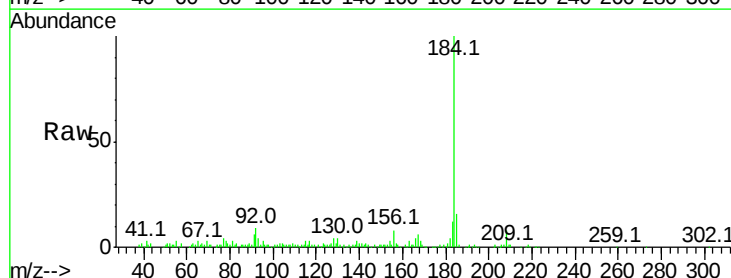
Tgt Ion:184 Resp: 198038

Ion Ratio Lower Upper

184 100

185 16.0 15.5 23.3

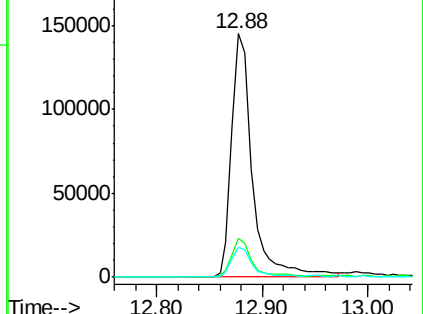
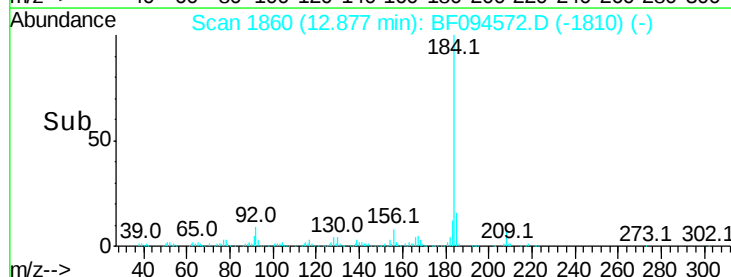
183 12.1 9.8 14.6

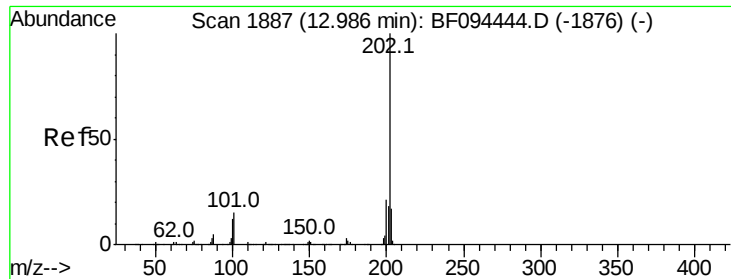


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

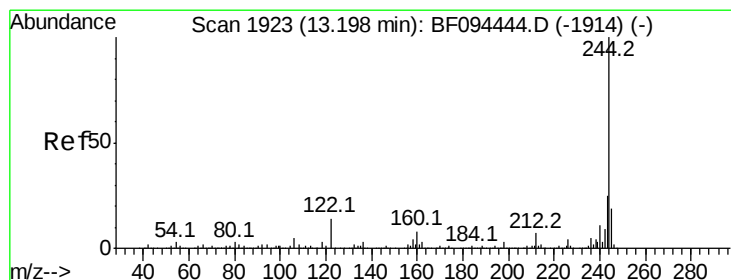
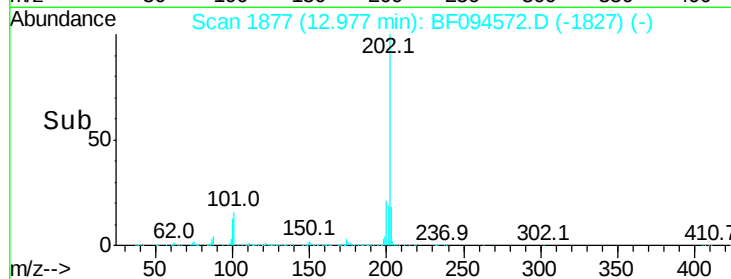
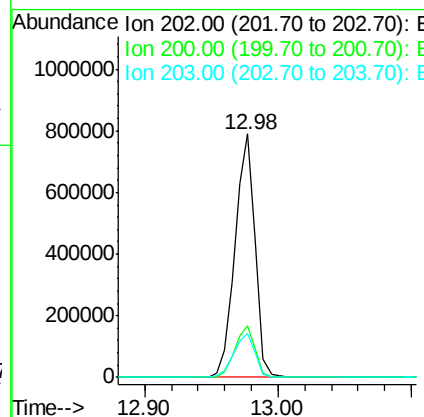
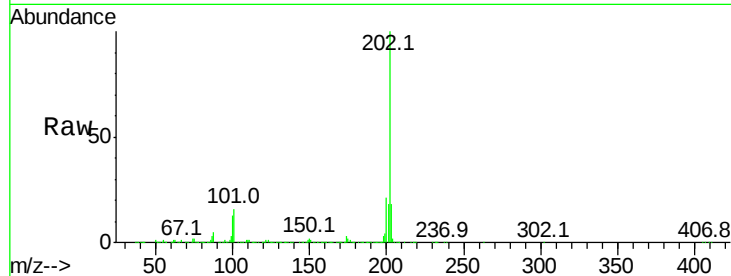




#77
Pvrene
Concen: 45.80 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

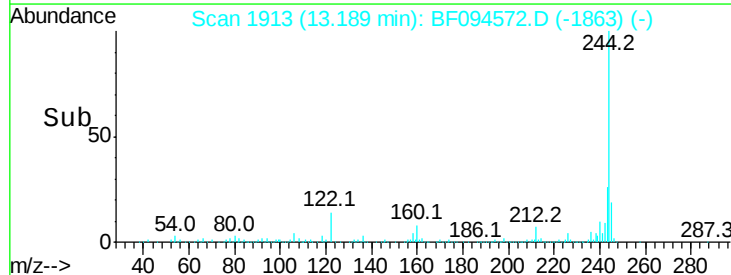
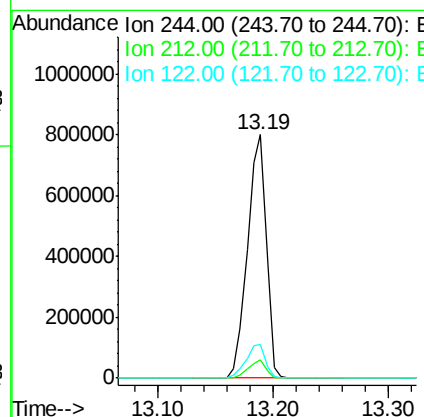
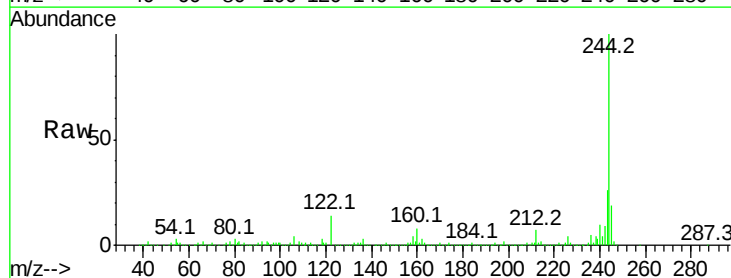
Instrument :
BNA_F
ClientSampleId :

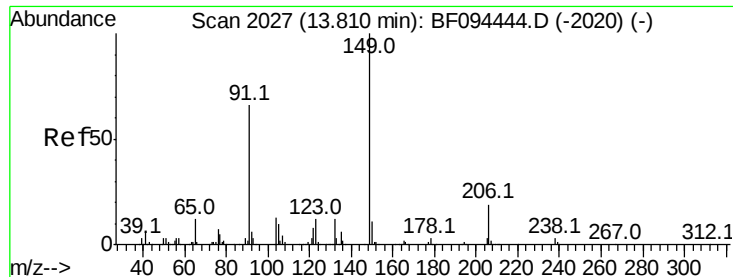
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.1	14.4	21.6



#78
Terphenyl-d14
Concen: 92.69 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.8	10.3	15.5

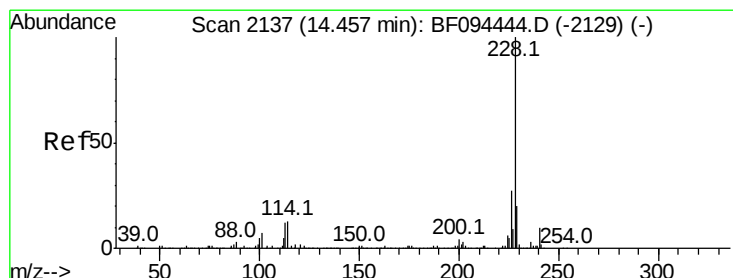
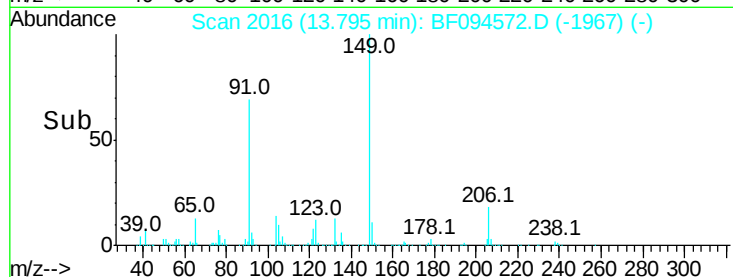
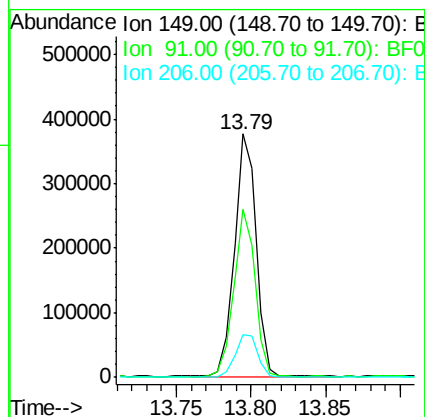
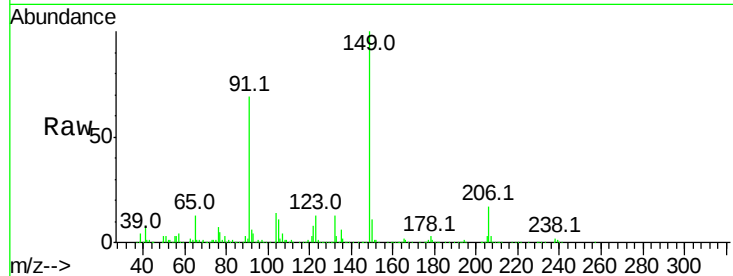




#79
Butylbenzylphthalate
Concen: 47.98 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

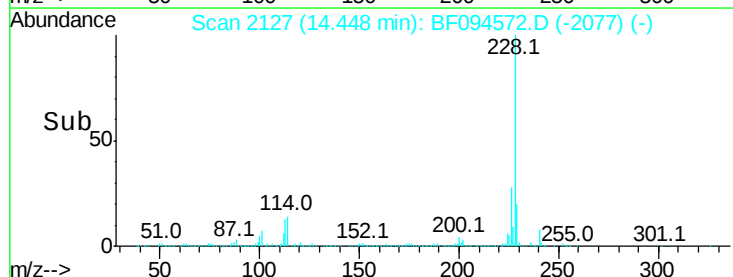
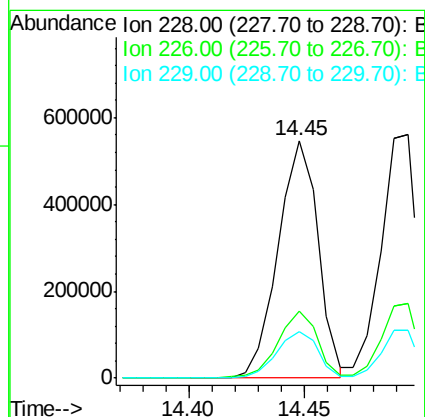
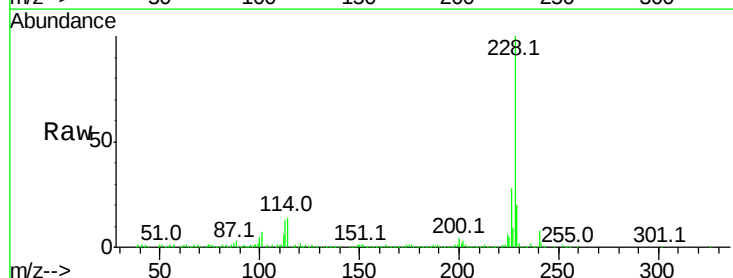
Instrument :
BNA_F
ClientSampleId :

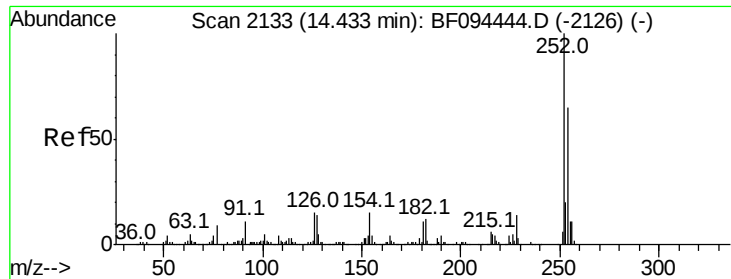
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	45.0	67.4#
206	17.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.36 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.7	16.3	24.5

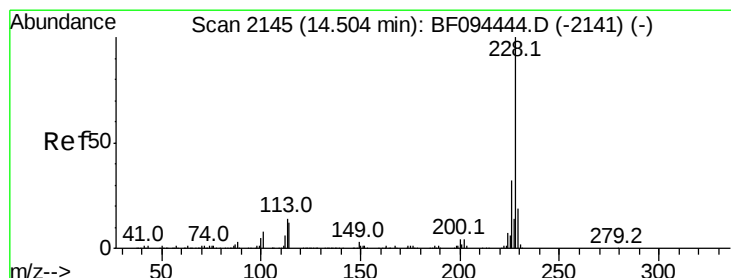
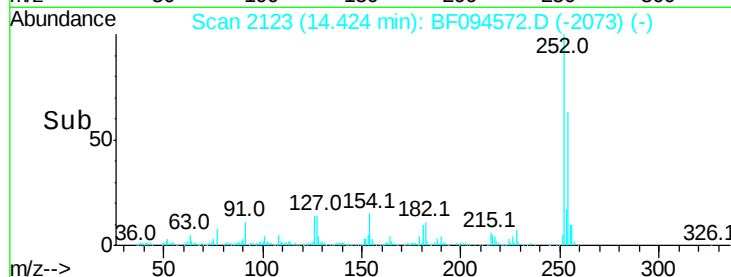
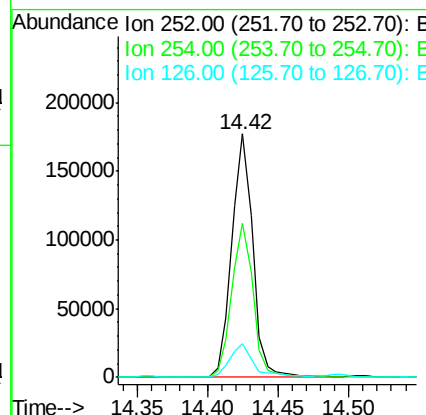
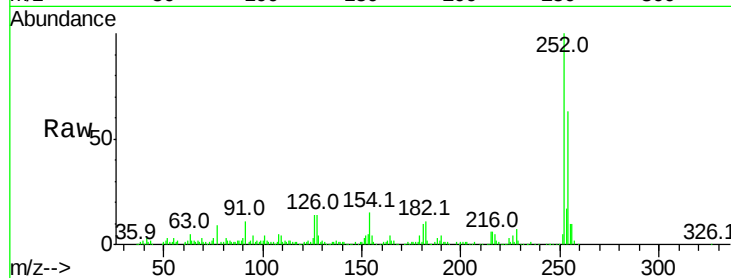




#81
 3,3'-Dichlorobenzidine
 Concen: 34.57 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

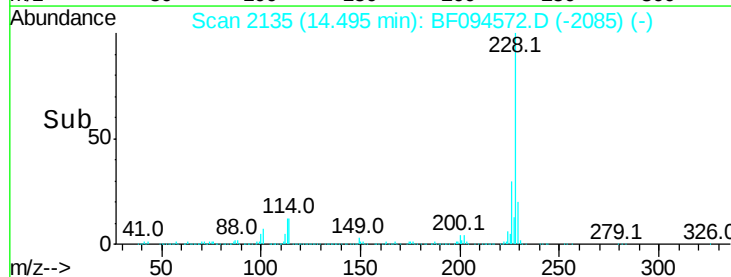
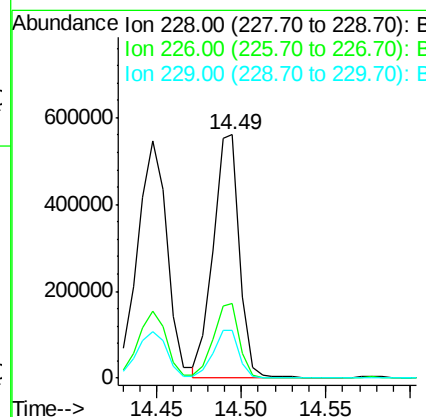
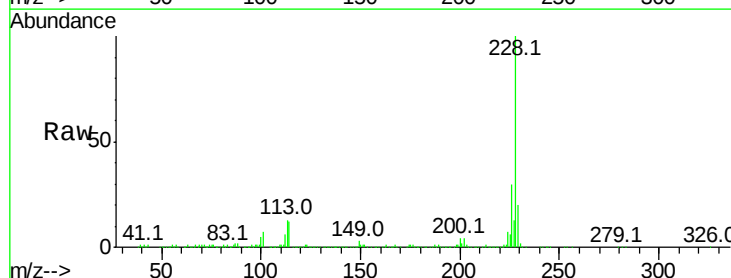
Instrument :
 BNA_F
 ClientSampleId :

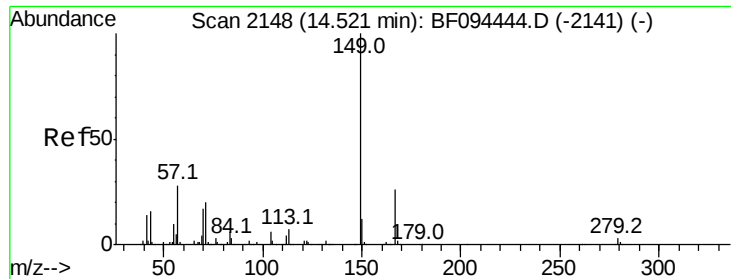
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.5	77.3
126	13.9	15.8	23.8#



#82
 Chrysene
 Concen: 44.08 ng
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.7	15.8	23.6

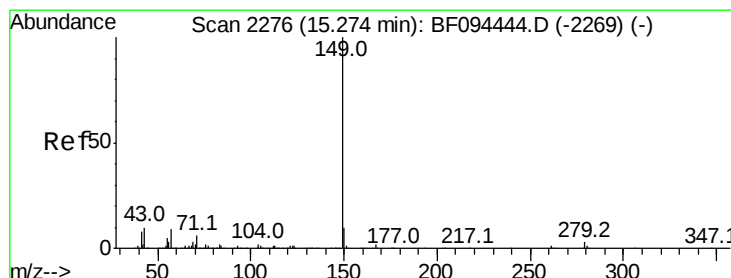
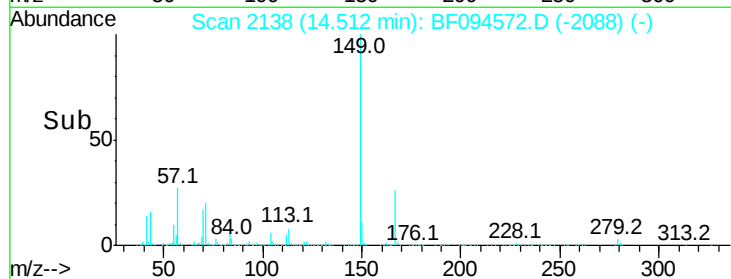
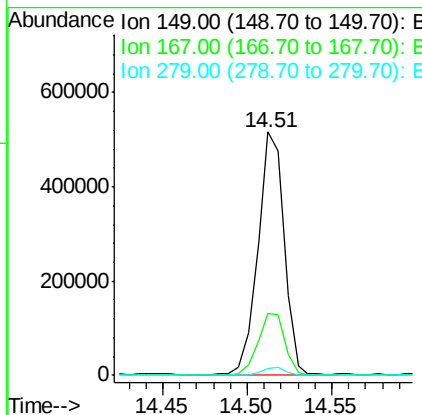
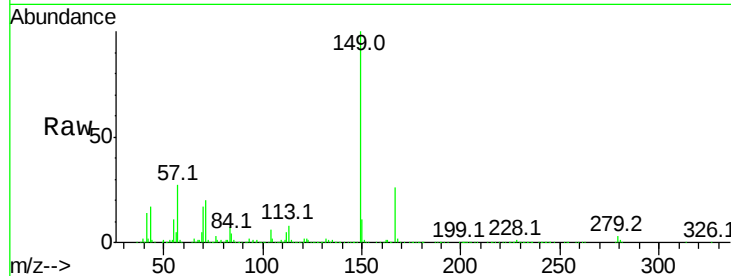




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.72 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

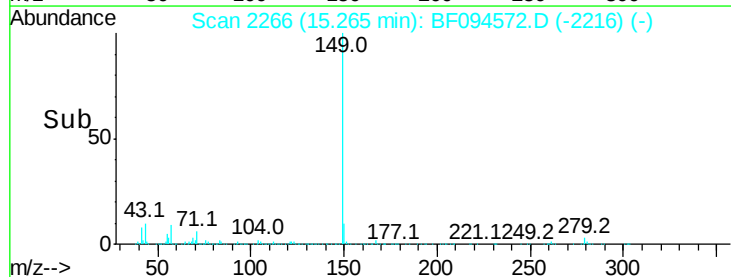
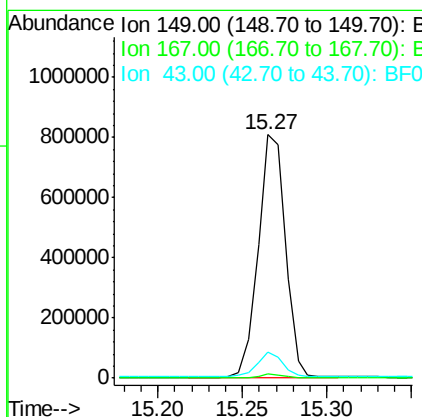
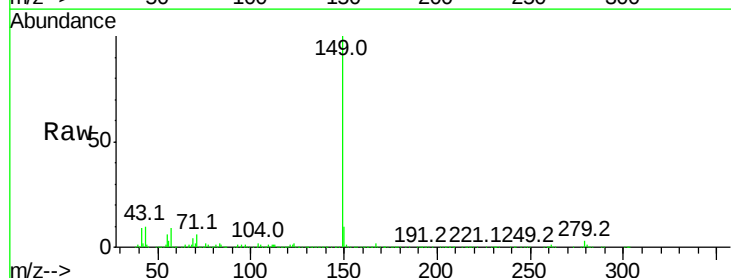
Instrument :
 BNA_F
 ClientSampleId :

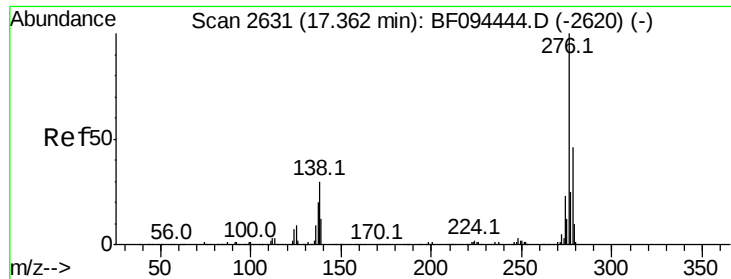
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	2.8	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 50.51 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	8.5	12.7

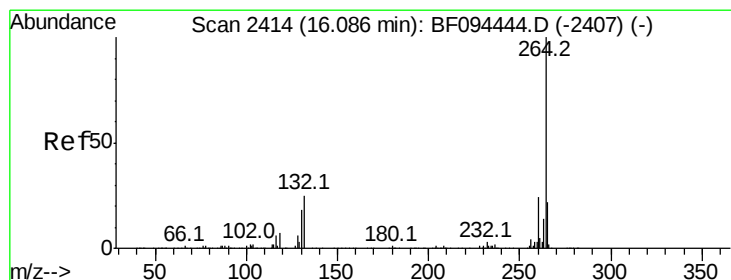
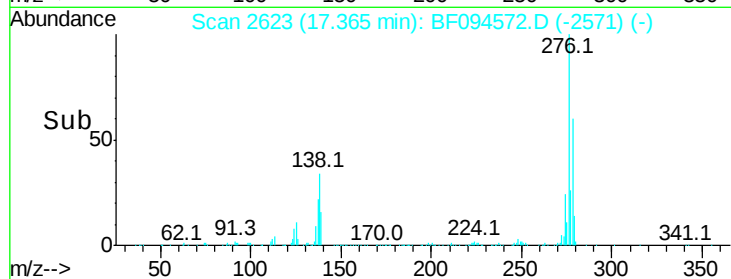
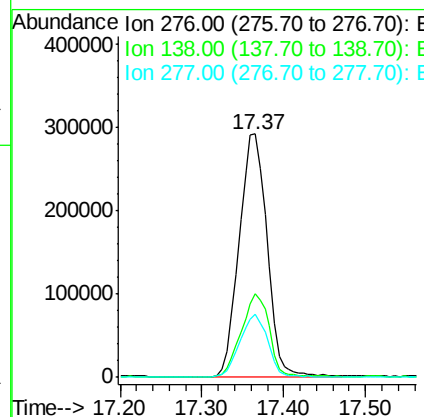
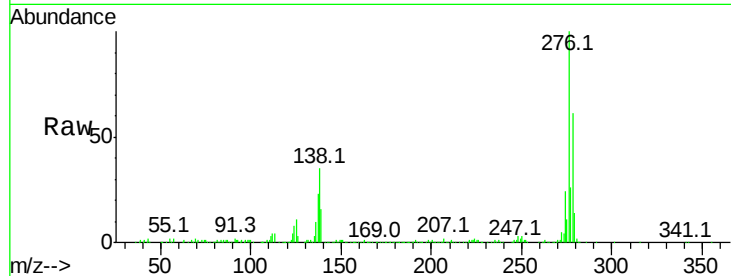




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.42 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

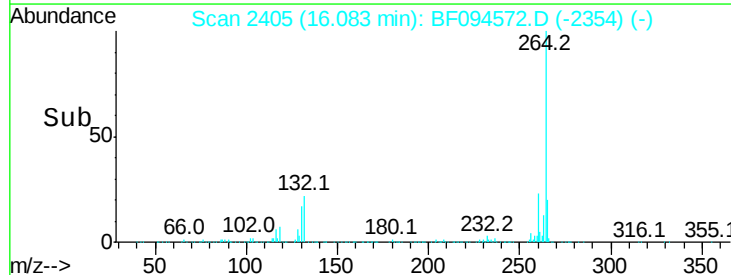
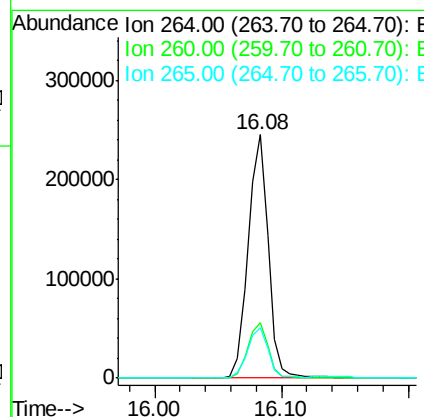
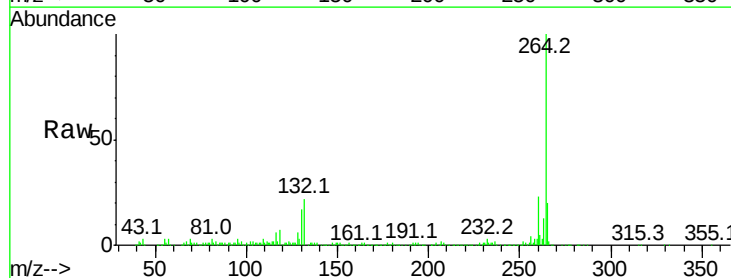
Instrument :
 BNA_F
 ClientSampleId :

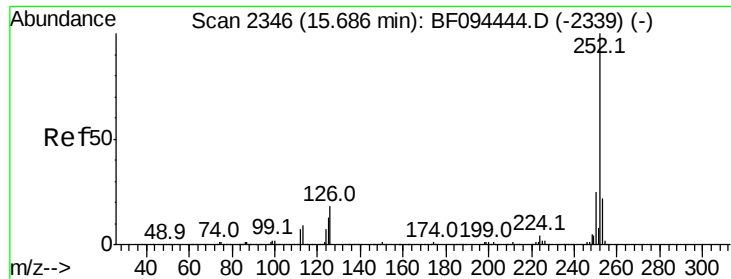
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	26.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.13 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

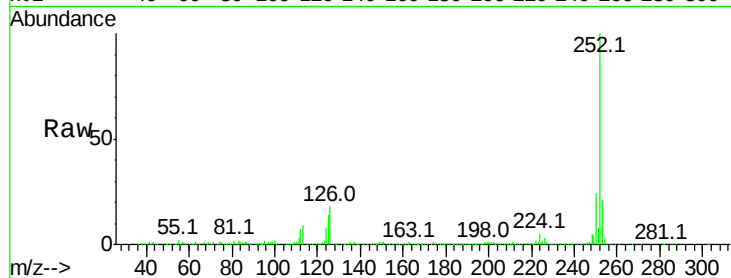
Tot Ion:252 Resp: 725110

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

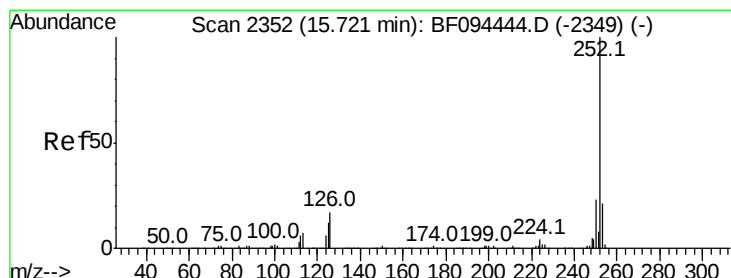
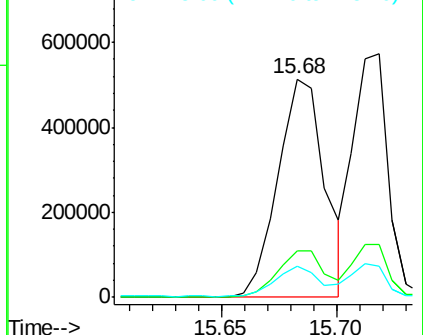
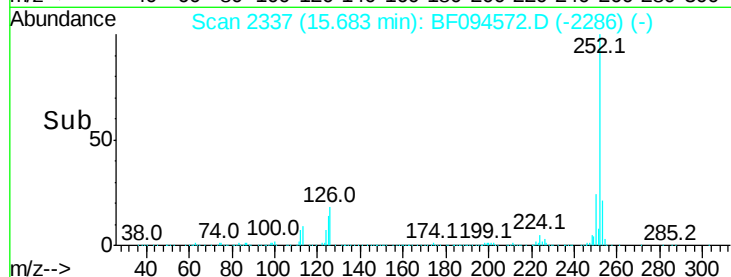
125 14.2 9.8 14.8



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: 46.63 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.04 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

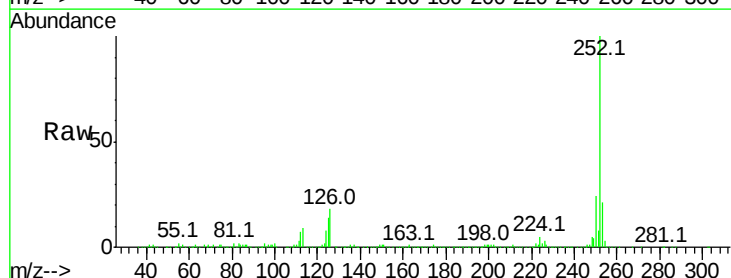
Tgt Ion:252 Resp: 725110

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

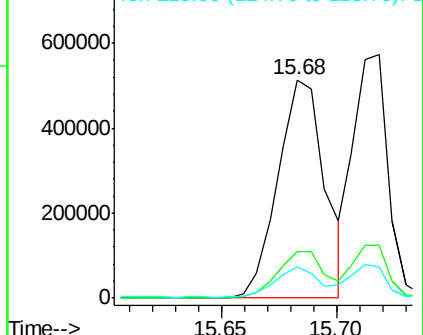
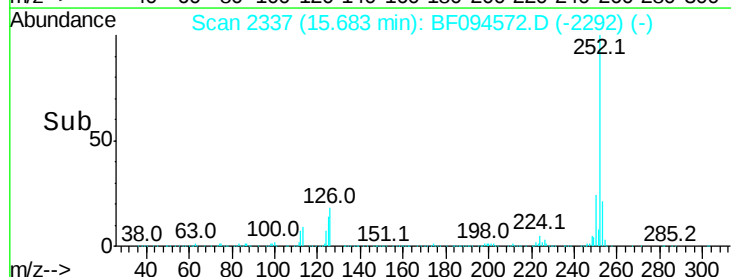
125 14.2 13.1 19.7

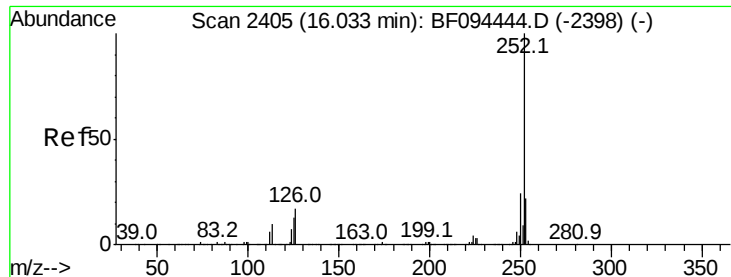


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.95 ng

RT: 16.03 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

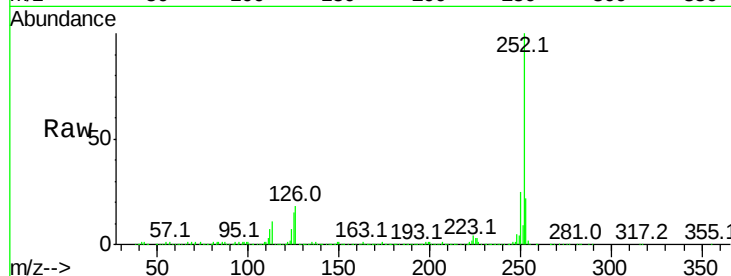
Tot Ion:252 Resp: 656561

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

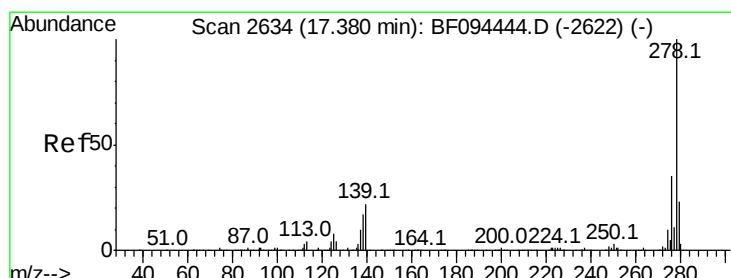
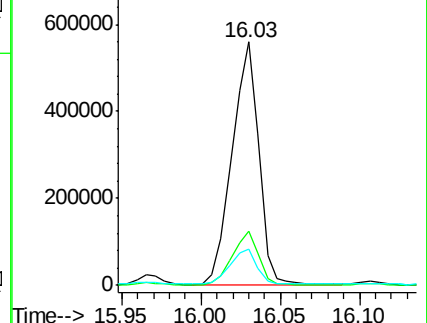
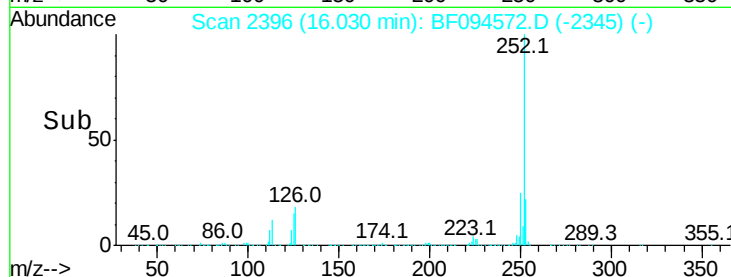
125 15.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.73 ng

RT: 17.38 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

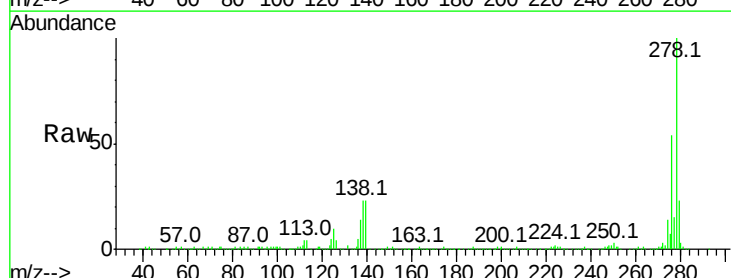
Tgt Ion:278 Resp: 567850

Ion Ratio Lower Upper

278 100

139 23.3 16.6 24.8

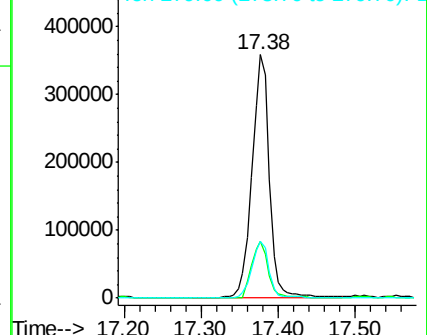
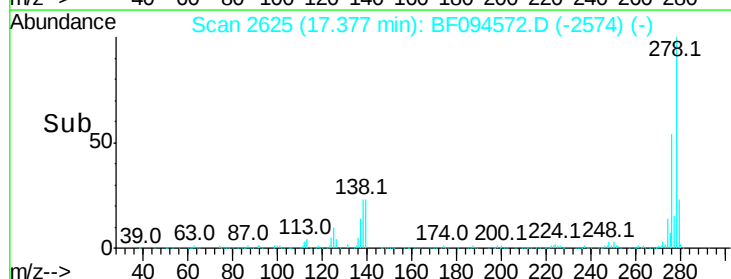
279 23.4 19.3 28.9

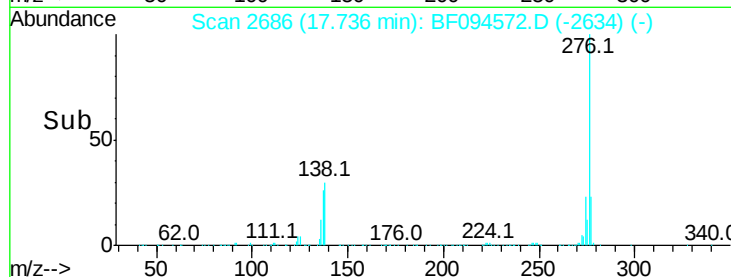
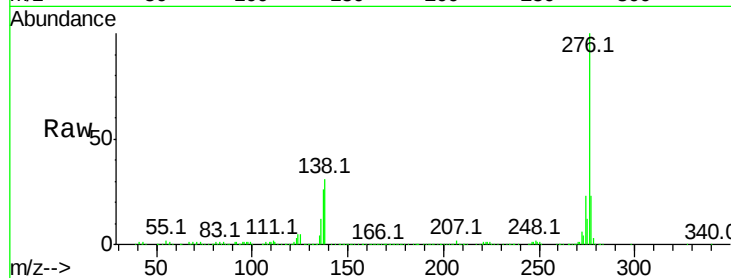
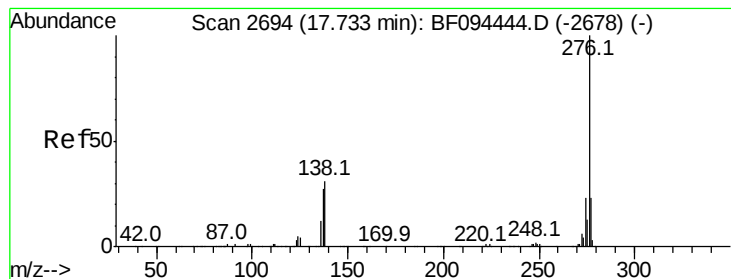


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.62 ng

RT: 17.74 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 563716

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 30.5 25.4 38.0

