

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094172.D
 Acq On : 4 Apr 2017 17:35
 Operator : SJ/MA
 Sample : PB98028BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

Quant Time: Apr 05 01:21:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	178850	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	706530	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	330518	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	587298	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	460792	20.00	ng	-0.02
86) Perylene-d12	16.23	264	323870	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.43	112	1217955	115.02	ng	0.00
7) Phenol-d6	5.49	99	1545380	117.97	ng	-0.02
23) Nitrobenzene-d5	6.53	82	963068	77.79	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	346910	132.82	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	1792295	82.71	ng	-0.02
78) Terphenyl-d14	13.33	244	1519771	73.93	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	168020	33.03	ng	99
3) Pyridine	2.77	79	512999	37.00	ng	99
4) n-Nitrosodimethylamine	2.74	42	219289	38.44	ng	87
6) Aniline	5.50	93	291042	15.97	ng	# 1
8) 2-Chlorophenol	5.65	128	484863	41.66	ng	97
9) Benzaldehyde	5.37	77	261653	29.58	ng	98
10) Phenol	5.50	94	569256	38.19	ng	97
11) bis(2-Chloroethyl)ether	5.59	93	456337	39.17	ng	97
12) 1,3-Dichlorobenzene	5.81	146	521698	39.96	ng	98
13) 1,4-Dichlorobenzene	5.90	146	519241	39.27	ng	97
14) 1,2-Dichlorobenzene	6.07	146	490184	40.25	ng	97
15) Benzyl Alcohol	6.05	79	395200	41.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.21	45	632141	35.21	ng	96
17) 2-Methylphenol	6.19	107	408221	40.95	ng	97
18) Hexachloroethane	6.47	117	185018	39.81	ng	87
19) n-Nitroso-di-n-propylamine	6.36	70	337608	40.10	ng	98
20) 3+4-Methylphenols	6.37	107	534442	44.27	ng	# 63
22) Acetophenone	6.35	105	682346	43.33	ng	# 87
24) Nitrobenzene	6.55	77	497786	40.77	ng	94
25) Isophorone	6.84	82	899457	41.35	ng	96
26) 2-Nitrophenol	6.93	139	278106	47.76	ng	98
27) 2,4-Dimethylphenol	7.00	122	450602	44.91	ng	98
28) bis(2-Chloroethoxy)methane	7.10	93	592280	41.29	ng	98
29) 2,4-Dichlorophenol	7.23	162	422093	44.99	ng	99
30) 1,2,4-Trichlorobenzene	7.32	180	411625	42.60	ng	98
31) Naphthalene	7.41	128	1385160	40.77	ng	99
32) Benzoic acid	7.16	122	253902	38.01	ng	98
33) 4-Chloroaniline	7.47	127	133414	9.69	ng	# 92
34) Hexachlorobutadiene	7.56	225	207363	41.85	ng	97
35) Caprolactam	7.92	113	140535m	46.98	ng	
36) 4-Chloro-3-methylphenol	8.10	107	454389	46.36	ng	88
37) 2-Methylnaphthalene	8.25	142	967129	42.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.46	216	358115	39.61	ng	99
40) Hexachlorocyclopentadiene	8.45	237	343653	81.22	ng	98

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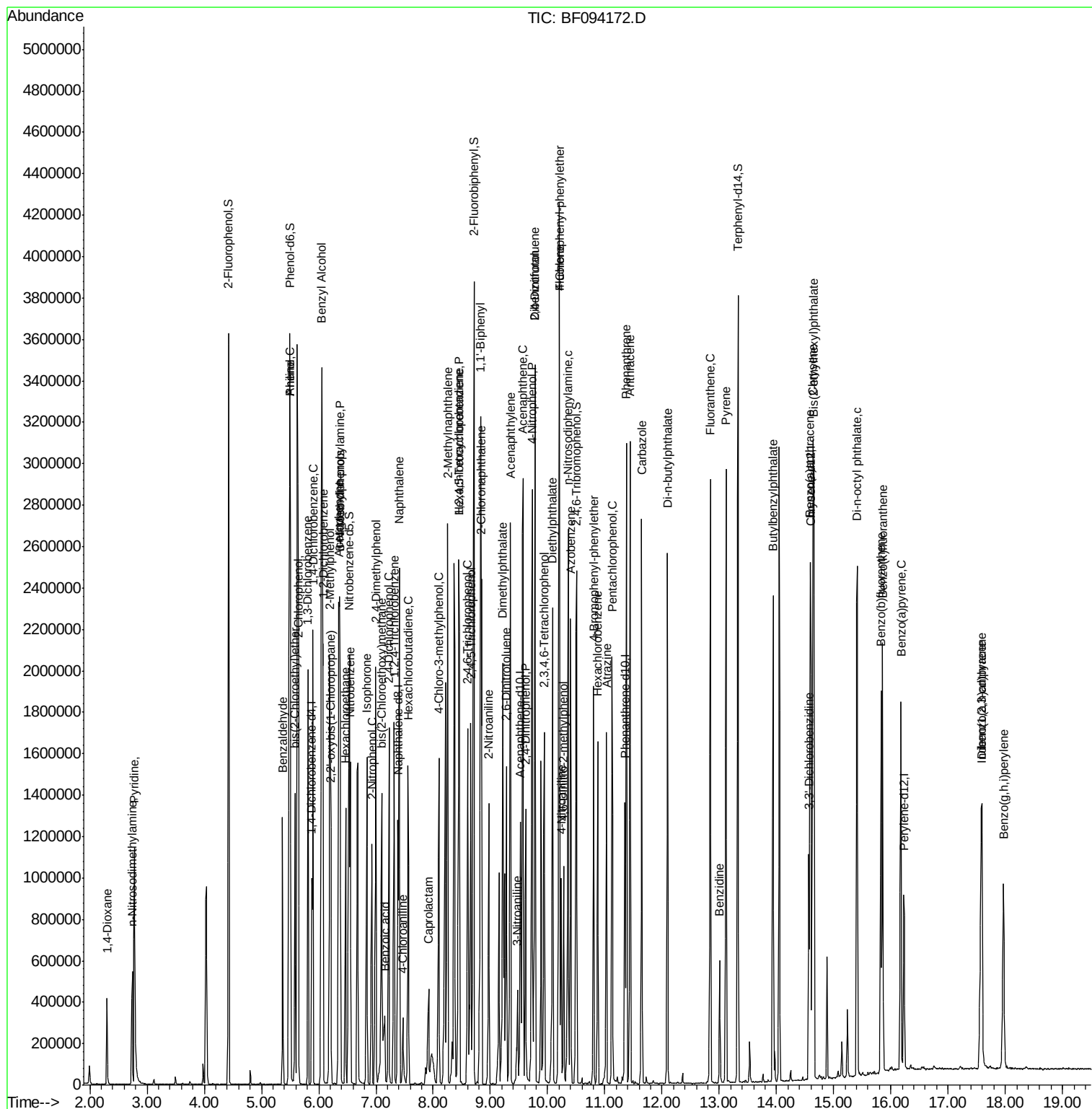
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.60	196	290934	45.48	nq	97
43) 2,4,5-Trichlorophenol	8.66	196	291302	42.08	nq	94
45) 1,1'-Biphenyl	8.83	154	1093800	41.03	nq	97
46) 2-Chloronaphthalene	8.85	162	861333	41.27	nq	95
47) 2-Nitroaniline	8.97	65	264731	42.76	nq #	83
48) Acenaphthylene	9.35	152	1378948	39.76	nq	99
49) Dimethylphthalate	9.22	163	1049215	44.66	nq	99
50) 2,6-Dinitrotoluene	9.28	165	234661	43.57	nq #	86
51) Acenaphthene	9.57	154	828707	40.95	nq	100
52) 3-Nitroaniline	9.47	138	88402	13.98	nq	95
53) 2,4-Dinitrophenol	9.62	184	224876	78.14	nq #	72
54) Dibenzofuran	9.78	168	1190526	43.21	nq	100
55) 4-Nitrophenol	9.73	139	368132	74.33	nq #	64
56) 2,4-Dinitrotoluene	9.78	165	293144	43.33	nq #	74
57) Fluorene	10.20	166	913313	39.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	219179	46.15	nq	97
59) Diethylphthalate	10.09	149	1016066	43.76	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	394268	40.51	nq	89
61) 4-Nitroaniline	10.24	138	254012	41.85	nq	97
62) Azobenzene	10.40	77	989895	45.06	nq	96
64) 4,6-Dinitro-2-methylphenol	10.28	198	157858	43.89	nq #	76
65) n-Nitrosodiphenylamine	10.36	169	856570	42.17	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	246565	42.69	nq	95
67) Hexachlorobenzene	10.88	284	252819	43.24	nq #	90
68) Atrazine	11.03	200	248940	40.92	nq	96
69) Pentachlorophenol	11.13	266	248919	68.40	nq	98
70) Phenanthrene	11.38	178	1357905	41.56	nq	99
71) Anthracene	11.44	178	1421744	42.27	nq	99
72) Carbazole	11.64	167	1313685	38.08	nq	99
73) Di-n-butylphthalate	12.10	149	1570359	43.78	nq	99
74) Fluoranthene	12.84	202	1405408	42.01	nq	99
76) Benzidine	13.01	184	246963	13.54	nq #	91
77) Pyrene	13.12	202	1415330	42.32	nq	99
79) Butylbenzylphthalate	13.94	149	677640	47.56	nq	88
80) Benzo(a)anthracene	14.59	228	1146951	42.68	nq	99
81) 3,3'-Dichlorobenzidine	14.56	252	216810	22.57	nq #	98
82) Chrysene	14.64	228	1003448	40.24	nq	99
83) Bis(2-ethylhexyl)phthalate	14.65	149	908592	46.74	nq	100
84) Di-n-octyl phthalate	15.41	149	1498901	46.15	nq	98
85) Indeno(1,2,3-cd)pyrene	17.57	276	793912	36.76	nq	100
87) Benzo(b)fluoranthene	15.83	252	895462	45.11	nq	98
88) Benzo(k)fluoranthene	15.86	252	867112	44.64	nq	96
89) Benzo(a)pyrene	16.17	252	794639	43.47	nq	98
90) Dibenzo(a,h)anthracene	17.60	278	640740	41.39	nq	99
91) Benzo(g,h,i)perylene	17.97	276	671134	43.01	nq	97

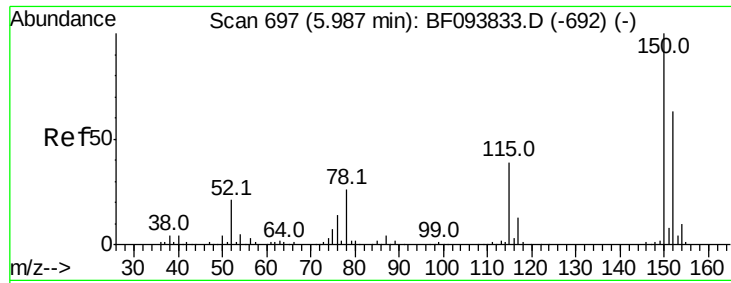
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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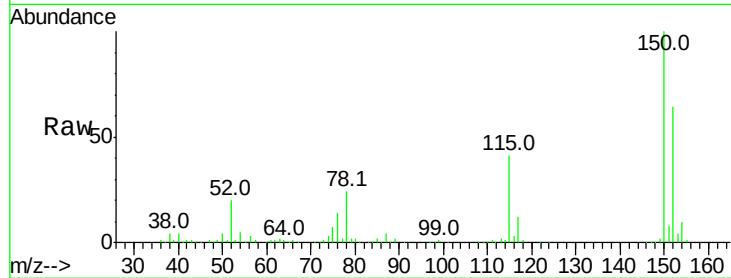


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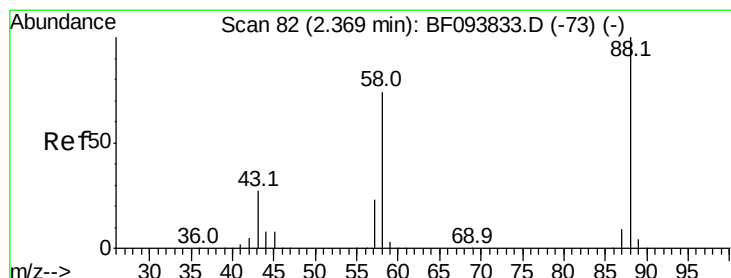
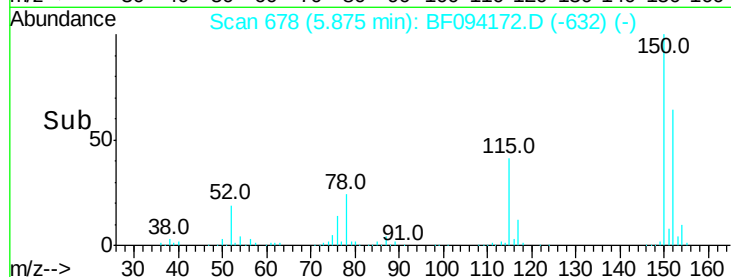
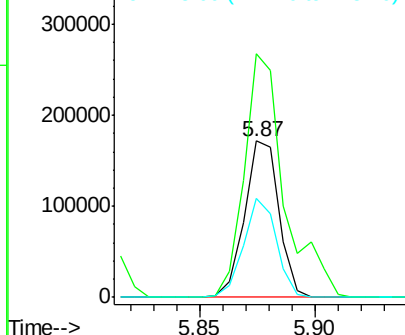
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Instrument :
BNA_F
ClientSampleId :
PB98028BSD

Tot Ion:152 Resp: 178850
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 63.2 52.2 78.2



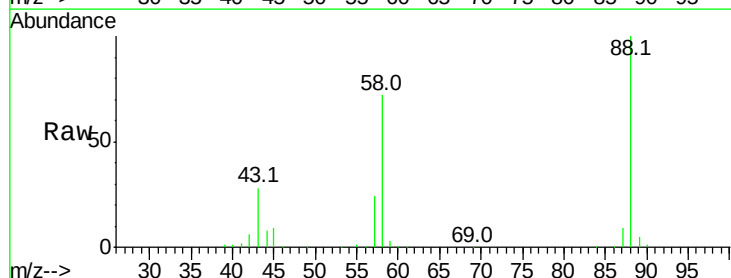
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



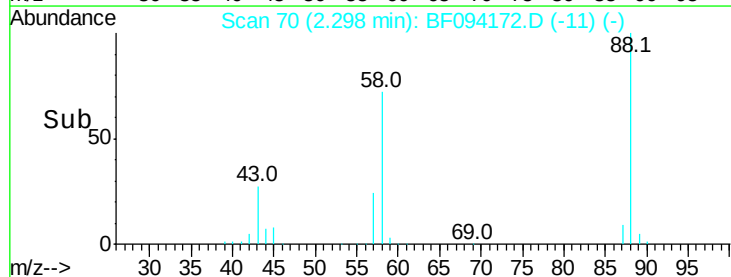
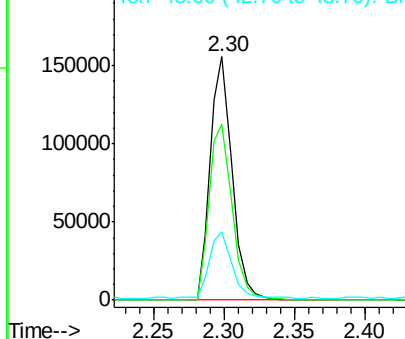
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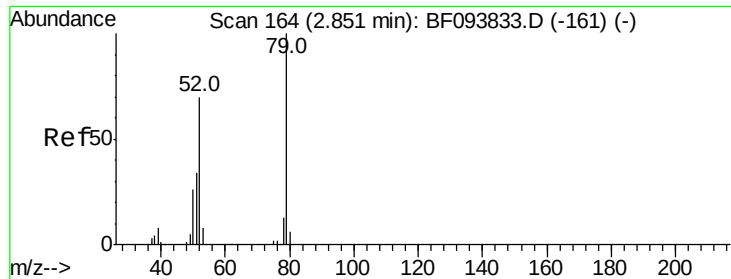
1,4-Dioxane
Concen: 33.03 ng
RT: 2.30 min Scan# 70
Delta R.T. 0.05 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion: 88 Resp: 168020
Ion Ratio Lower Upper
88 100
58 76.1 61.4 92.0
43 28.6 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

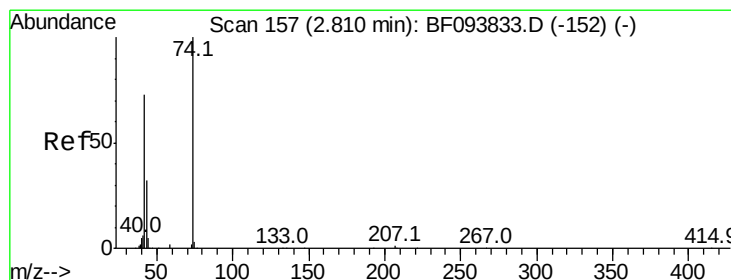
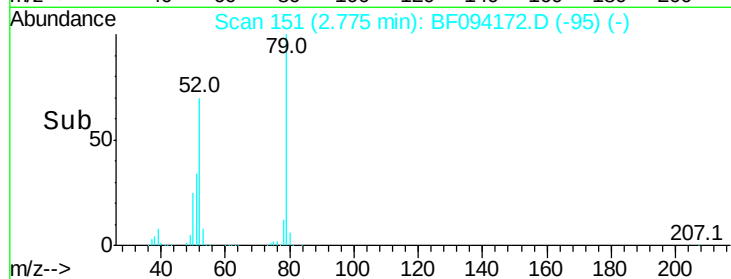
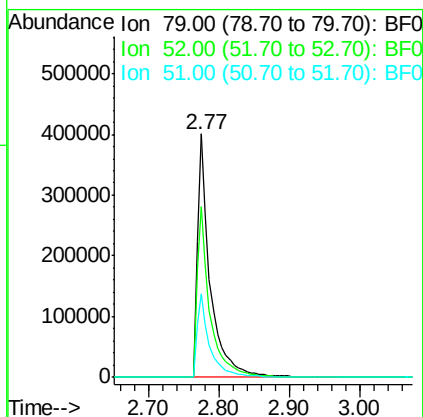
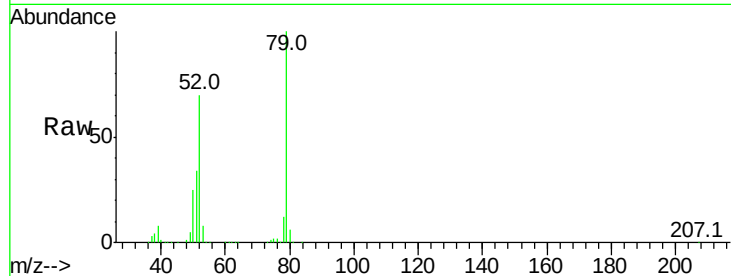




#3
 Pvridine
 Concen: 37.00 ng
 RT: 2.77 min Scan# 151
 Delta R.T. 0.03 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

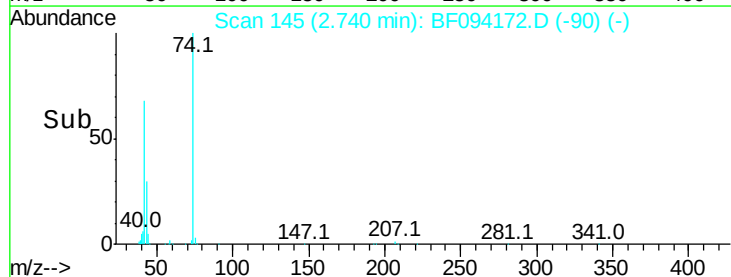
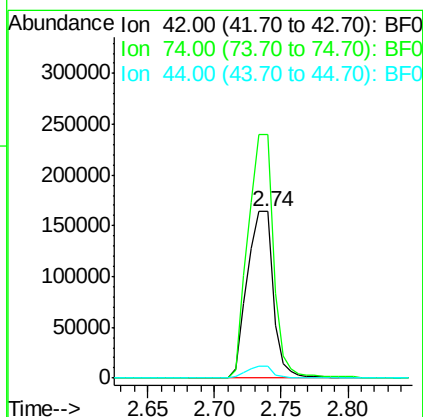
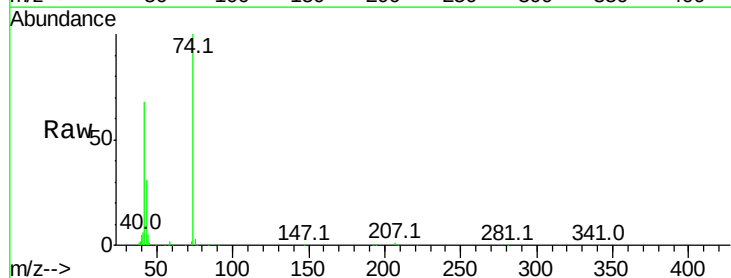
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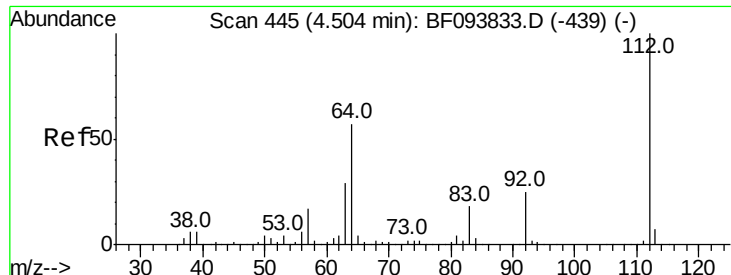
Tot Ion: 79 Resp: 512999
 Ion Ratio Lower Upper
 79 100
 52 70.0 54.8 82.2
 51 34.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.44 ng
 RT: 2.74 min Scan# 145
 Delta R.T. 0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion: 42 Resp: 219289
 Ion Ratio Lower Upper
 42 100
 74 146.1 103.9 155.9
 44 7.1 5.7 8.5

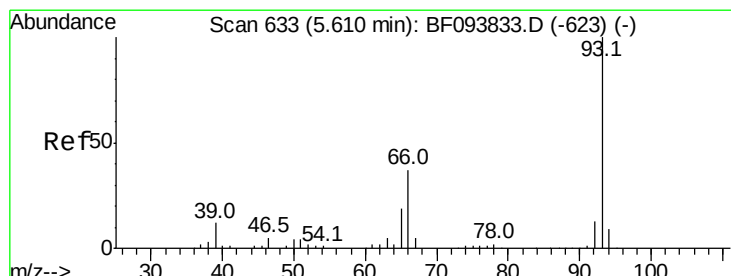
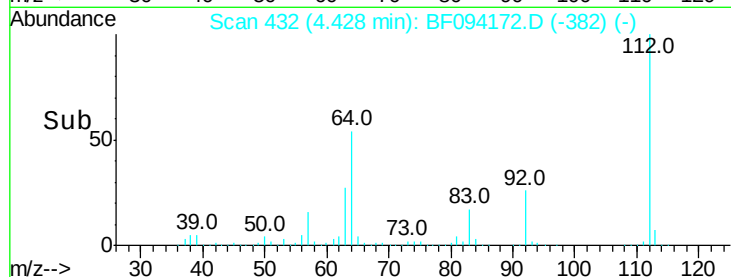
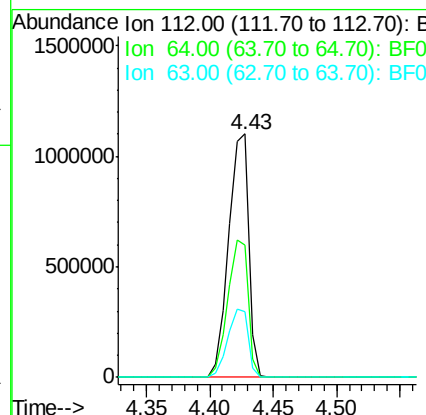
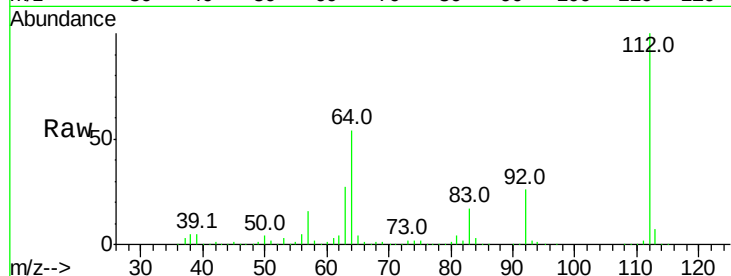




#5
 2-Fluorophenol
 Concen: 115.02 ng
 RT: 4.43 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

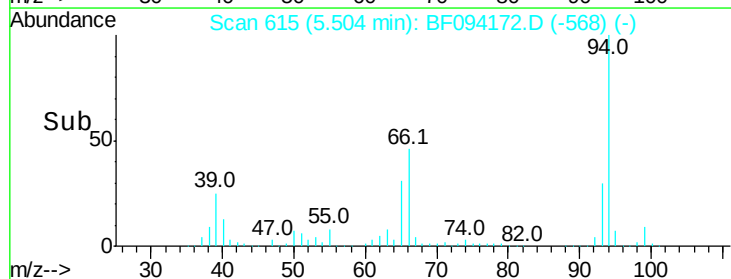
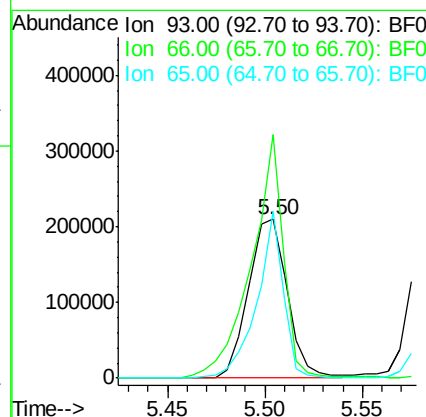
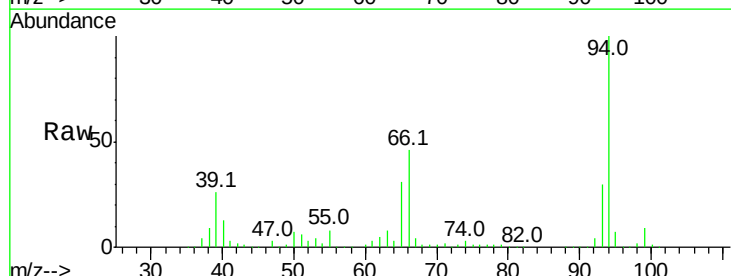
Instrument :
 BNA_F
 ClientSampleId :
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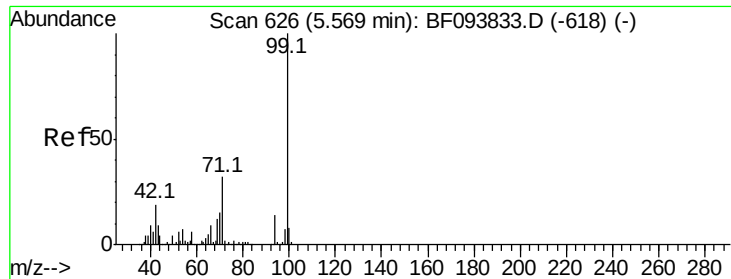
Tot Ion:112 Resp: 1217955
 Ion Ratio Lower Upper
 112 100
 64 54.4 46.0 69.0
 63 27.2 23.4 35.0



#6
 Aniline
 Concen: 15.97 ng
 RT: 5.50 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion: 93 Resp: 291042
 Ion Ratio Lower Upper
 93 100
 66 153.1 32.9 49.3#
 65 105.0 16.0 24.0#





#7

Phenol-d6

Concen: 117.97 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampled :

PB98028BSD

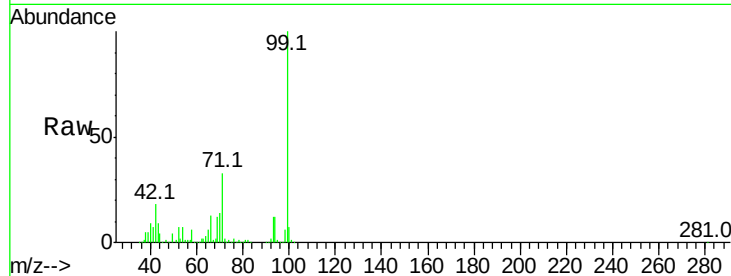
Tot Ion: 99 Resp: 1545380

Ion Ratio Lower Upper

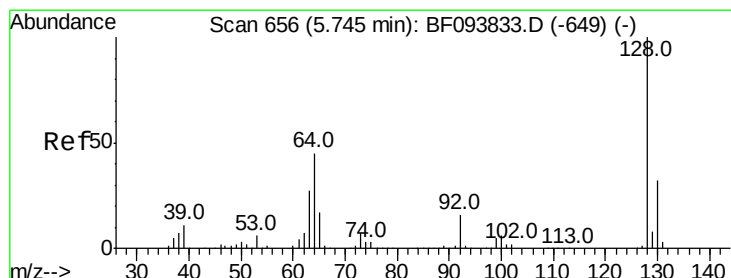
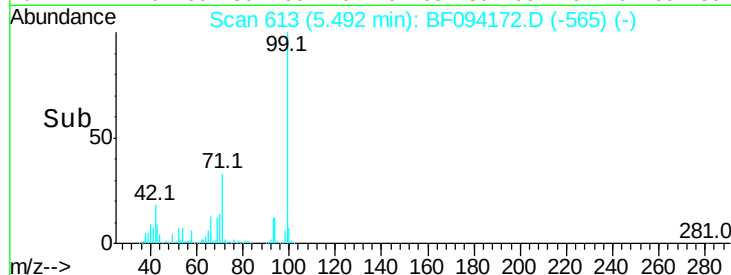
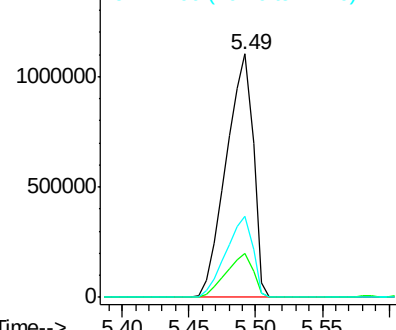
99 100

42 17.9 13.5 20.3

71 33.2 24.5 36.7



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



#8

2-Chlorophenol

Concen: 41.66 ng

RT: 5.65 min Scan# 639

Delta R.T. -0.02 min

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Acq: 4 Apr 2017 17:35

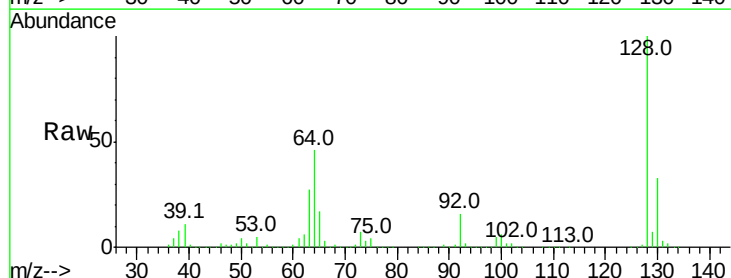
Tgt Ion:128 Resp: 484863

Ion Ratio Lower Upper

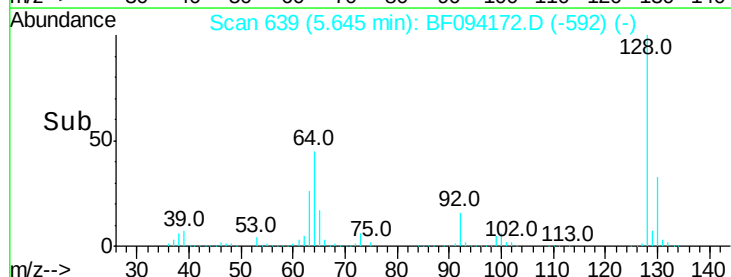
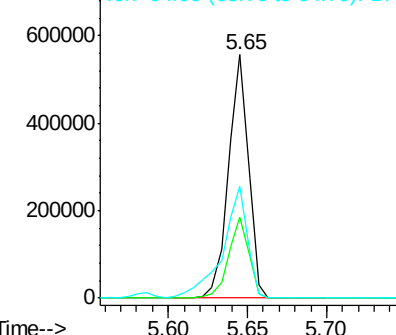
128 100

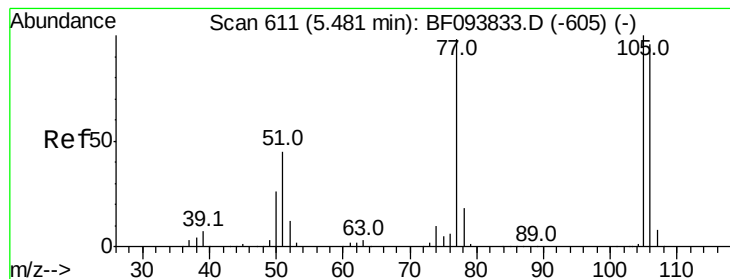
130 33.1 12.9 52.9

64 45.7 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: 29.58 ng

RT: 5.37 min Scan# 592

Delta R.T. -0.03 min

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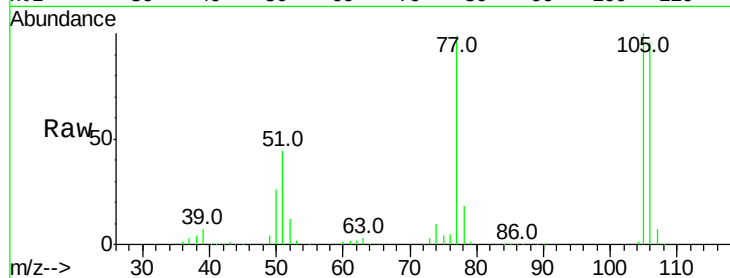
Tot Ion: 77 Resp: 261653

Ion Ratio Lower Upper

77 100

105 101.4 83.8 123.8

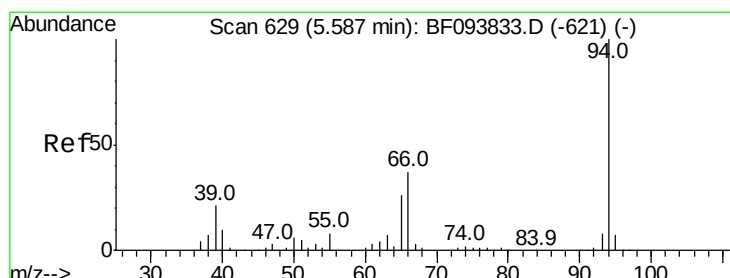
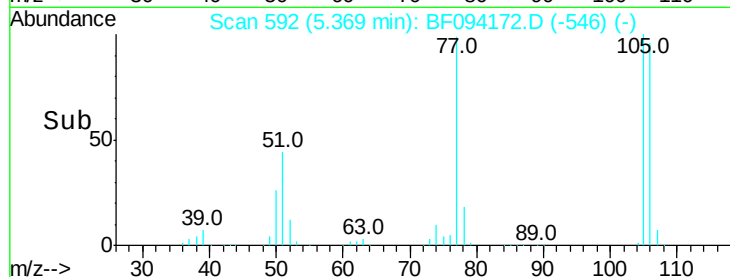
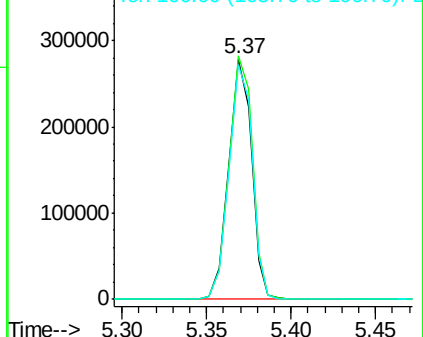
106 97.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.19 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.02 min

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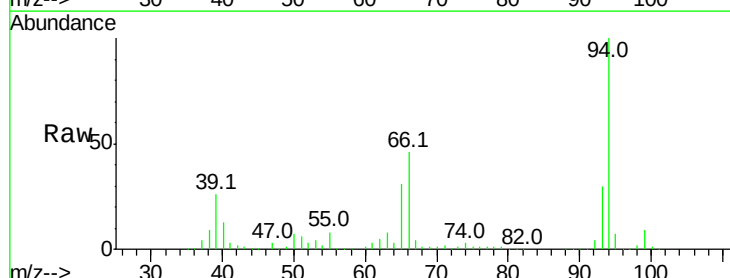
Tgt Ion: 94 Resp: 569256

Ion Ratio Lower Upper

94 100

65 31.2 9.9 49.9

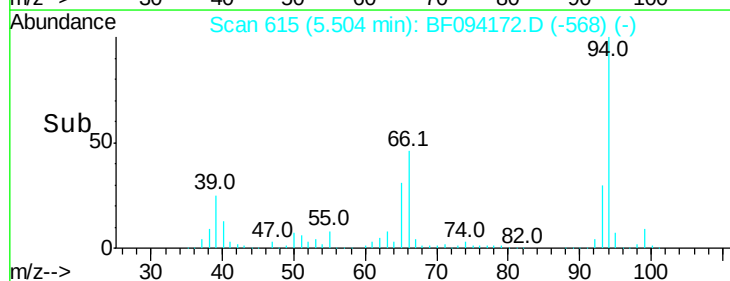
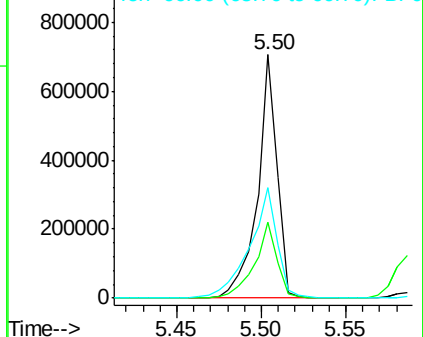
66 45.5 23.1 63.1

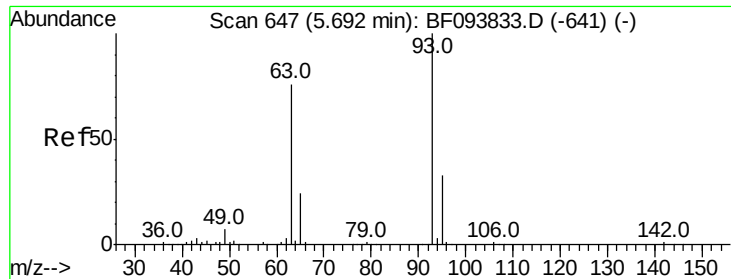


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

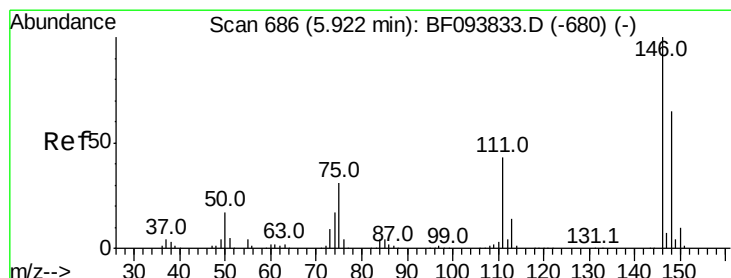
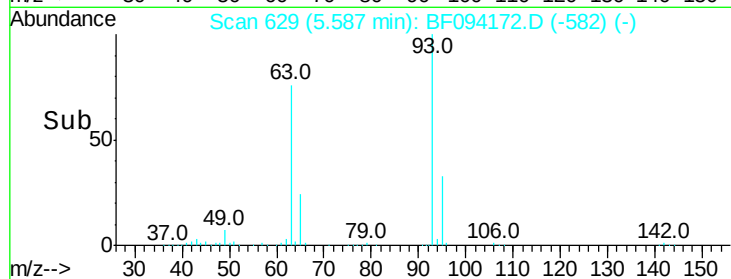
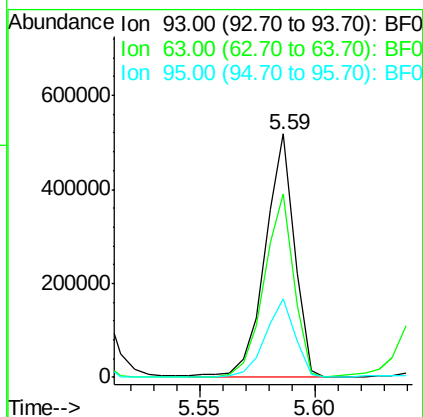
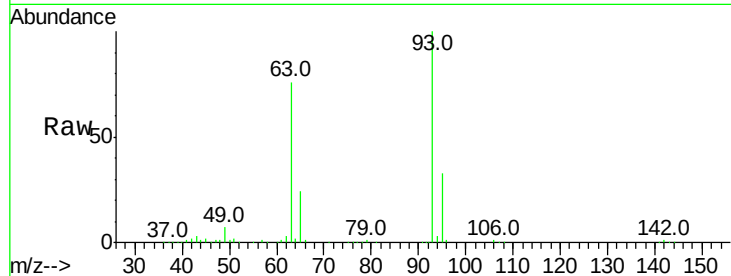




#11
bis(2-Chloroethyl)ether
Concen: 39.17 ng
RT: 5.59 min Scan# 629
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

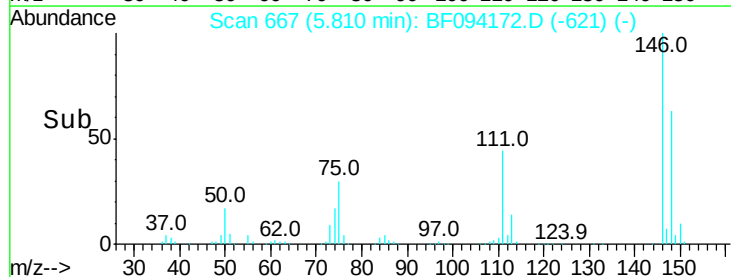
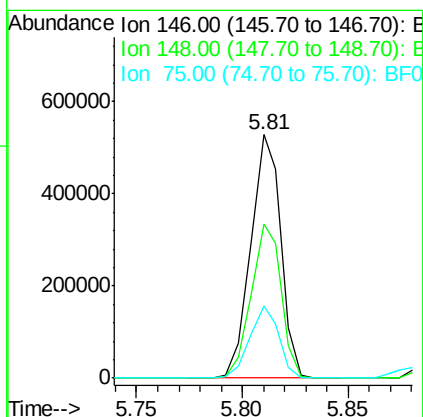
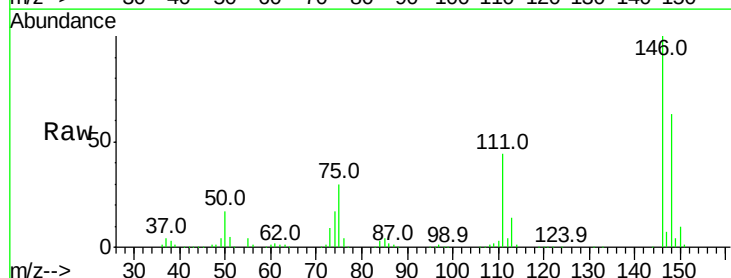
Instrument :
BNA_F
ClientSampleId :
PB98028BSD

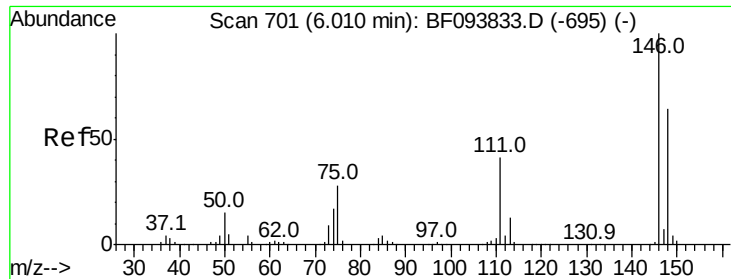
Tot Ion: 93 Resp: 456337
Ion Ratio Lower Upper
93 100
63 75.6 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.96 ng
RT: 5.81 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion: 146 Resp: 521698
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
75 29.7 23.1 34.7

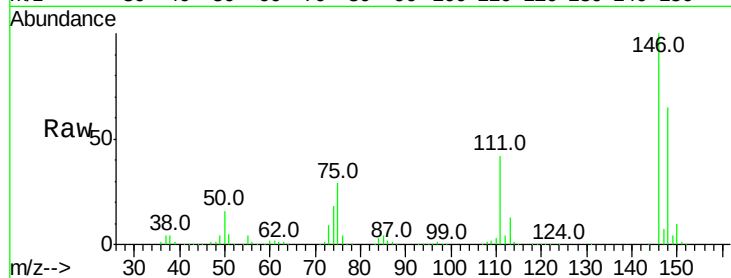




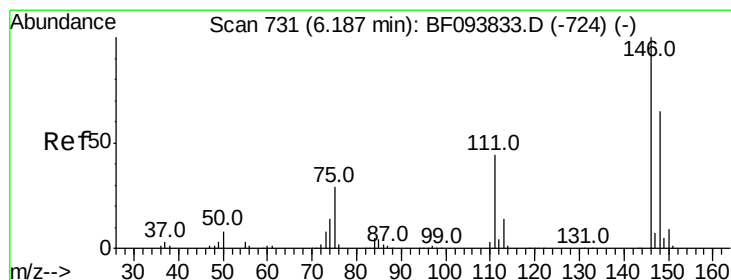
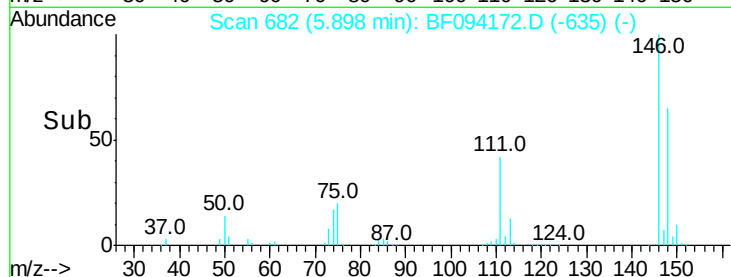
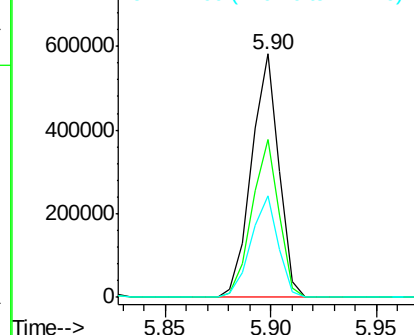
#13
 1,4-Dichlorobenzene
 Concen: 39.27 ng
 RT: 5.90 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

Tot Ion:146 Resp: 519241
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 41.8 30.3 45.5

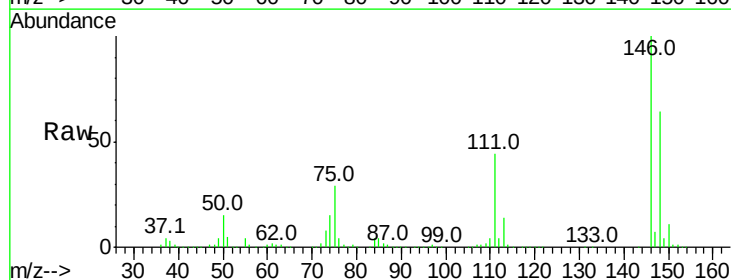


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

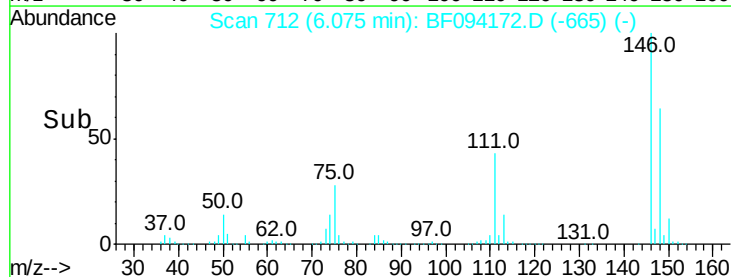
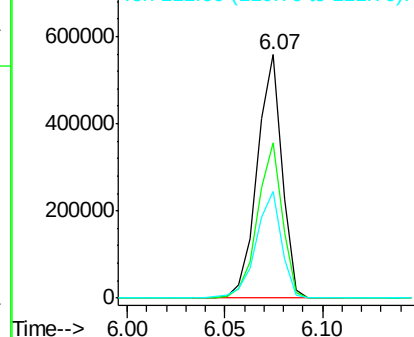


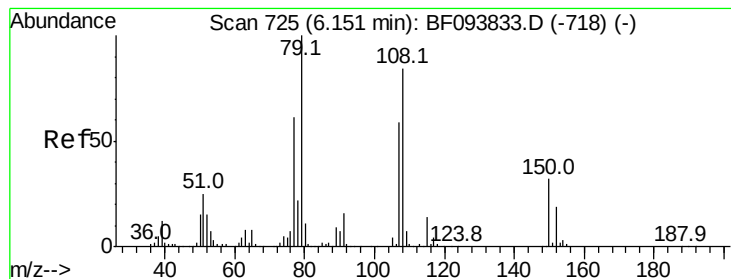
#14
 1,2-Dichlorobenzene
 Concen: 40.25 ng
 RT: 6.07 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:146 Resp: 490184
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 43.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 41.22 ng

RT: 6.05 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

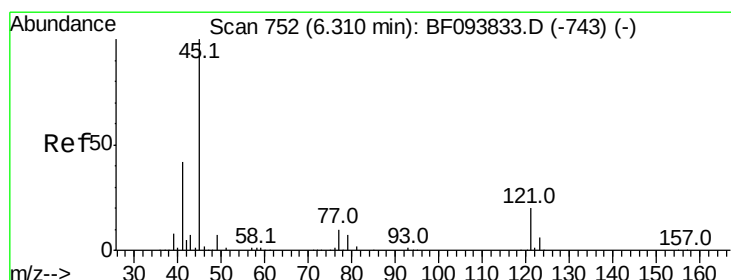
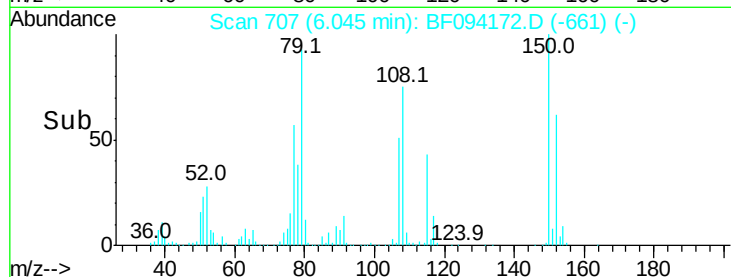
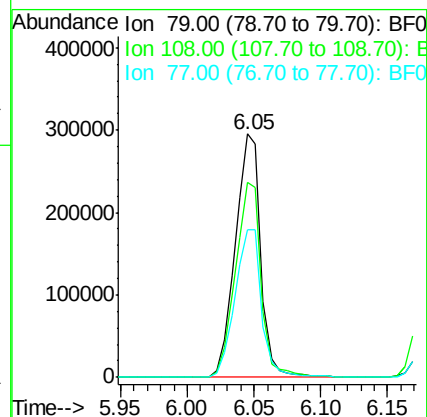
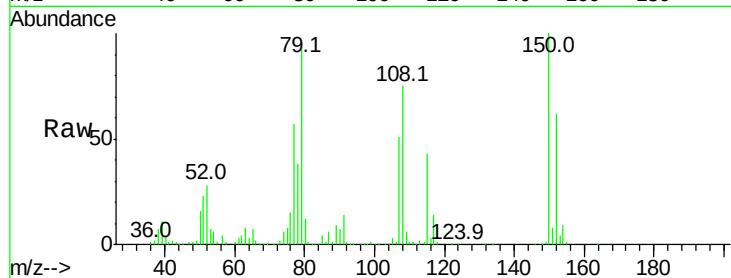
Tot Ion: 79 Resp: 395200

Ion Ratio Lower Upper

79 100

108 80.0 63.4 95.0

77 60.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.21 ng

RT: 6.21 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

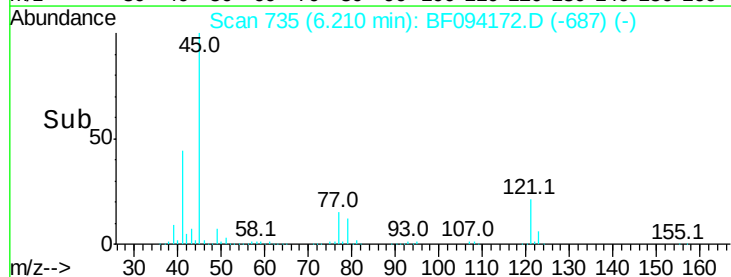
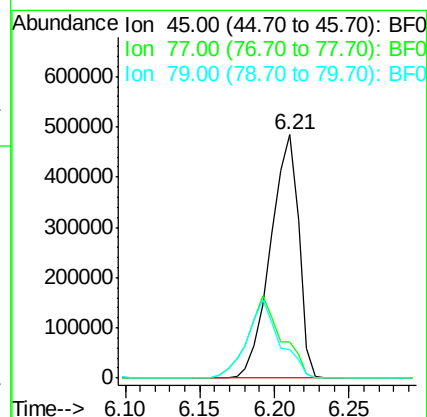
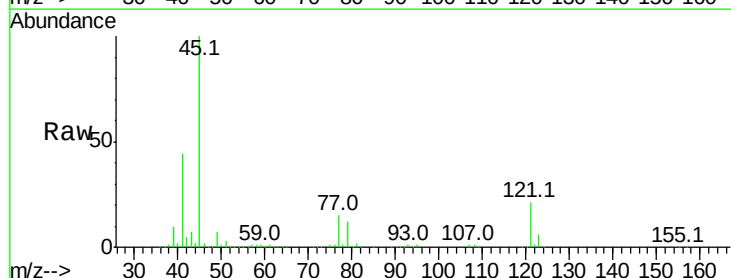
Tgt Ion: 45 Resp: 632141

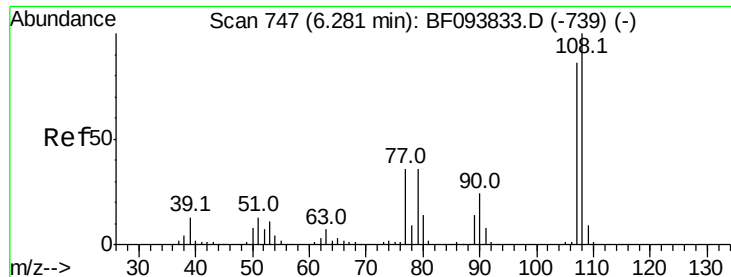
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.2

79 12.0 0.0 30.0

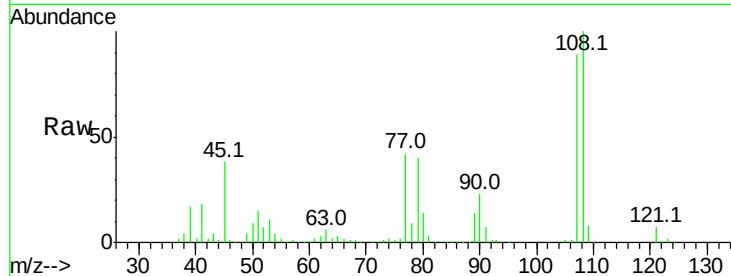




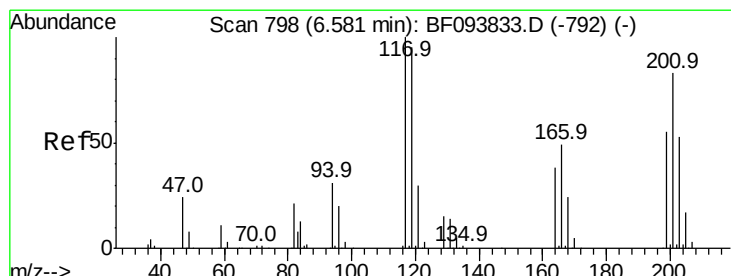
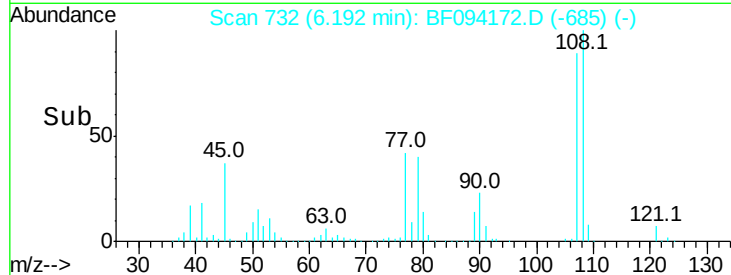
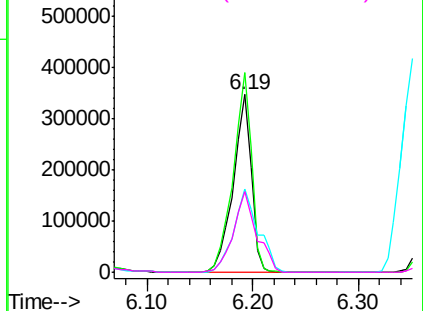
#17
2-Methylphenol
Concen: 40.95 ng
RT: 6.19 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Instrument :
BNA_F
ClientSampleId :
PB98028BSD

Tot Ion:107 Resp: 408221
Ion Ratio Lower Upper
107 100
108 112.7 93.4 140.0
77 47.1 35.8 53.6
79 45.3 34.8 52.2

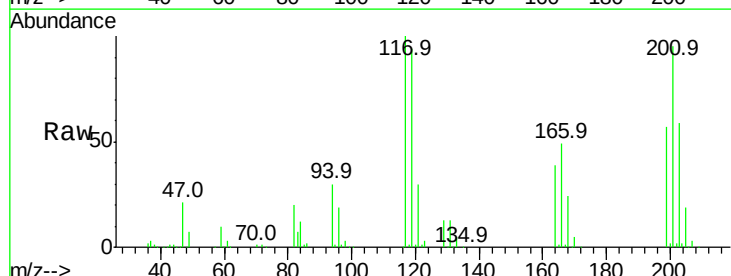


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

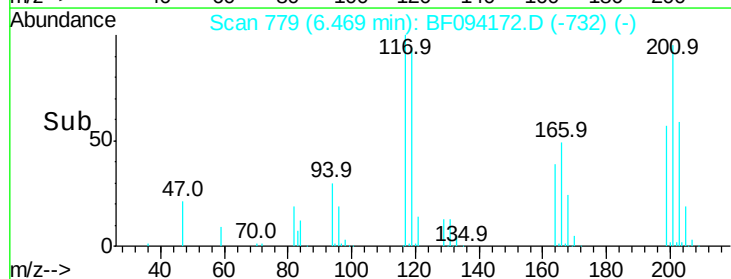
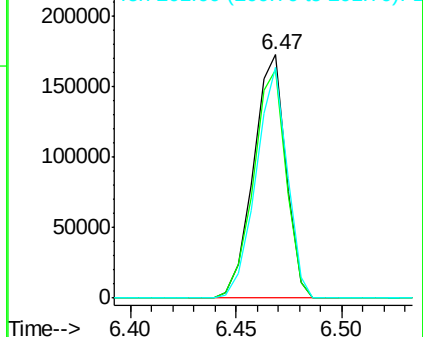


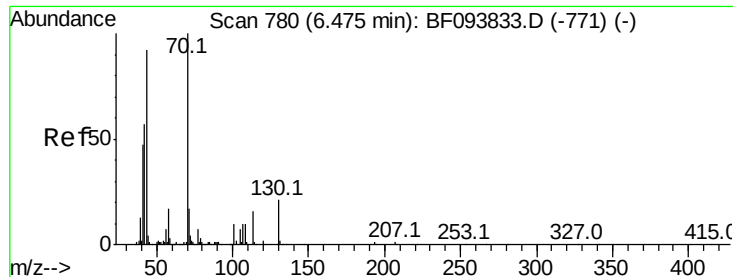
#18
Hexachloroethane
Concen: 39.81 ng
RT: 6.47 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion:117 Resp: 185018
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.0
201 95.0 94.6 141.8



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

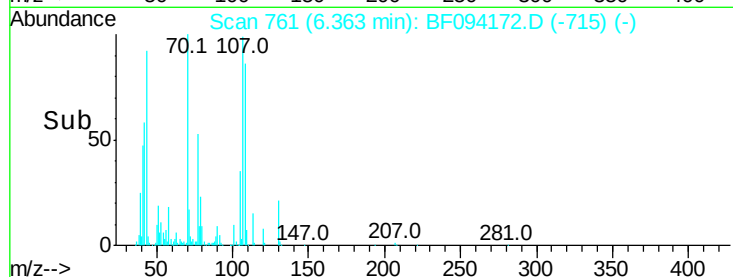
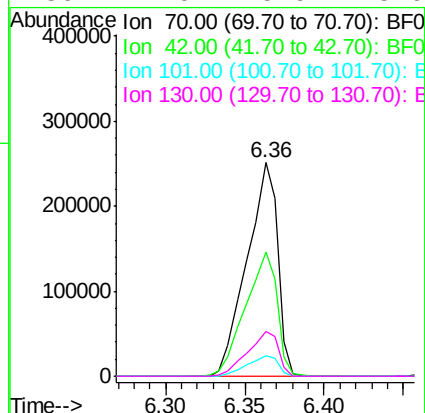
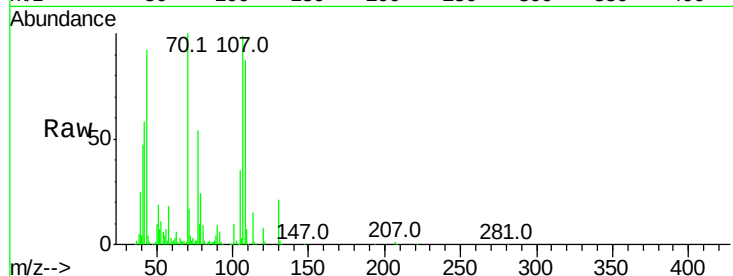




#19
n-Nitroso-di-n-propylamine
Concen: 40.10 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

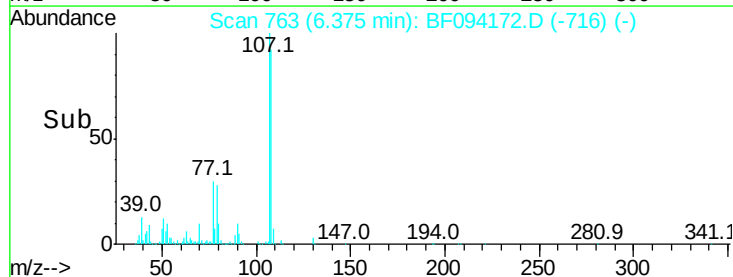
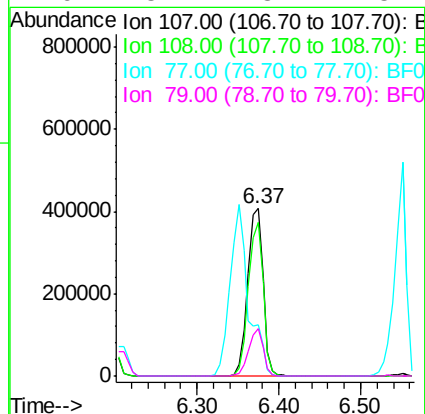
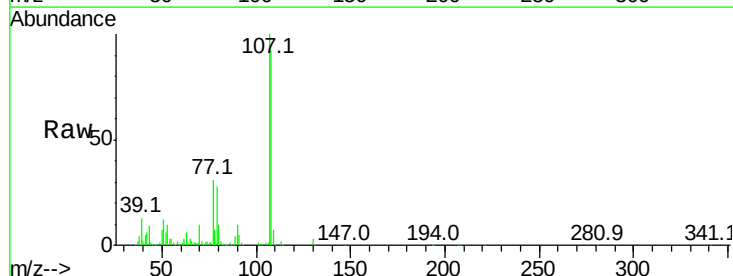
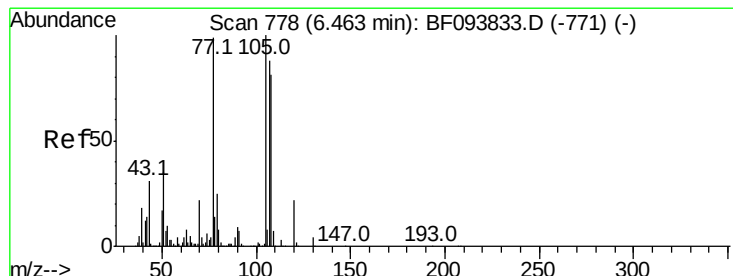
Instrument :
BNA_F
ClientSampleId :
PB98028BSD

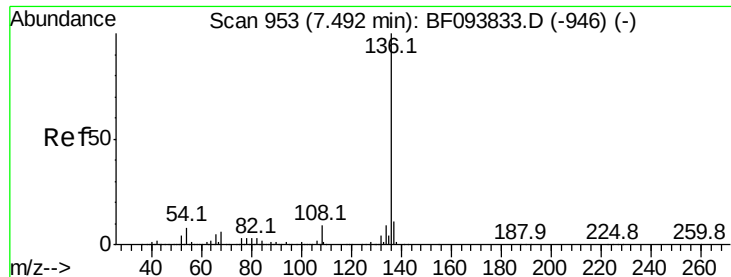
Tot Ion: 70 Resp: 337608
Ion Ratio Lower Upper
70 100
42 57.9 47.2 70.8
101 9.6 7.2 10.8
130 21.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.27 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion:107 Resp: 534442
Ion Ratio Lower Upper
107 100
108 92.0 71.0 111.0
77 30.6 90.5 130.5#
79 28.4 8.4 48.4

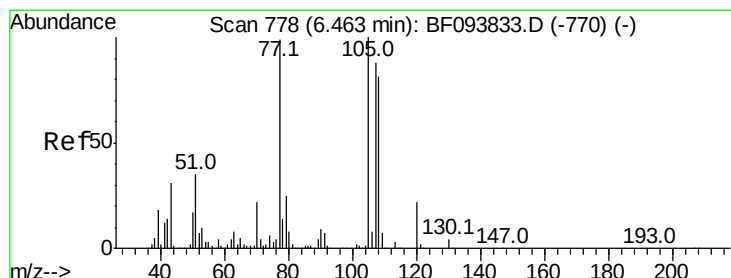
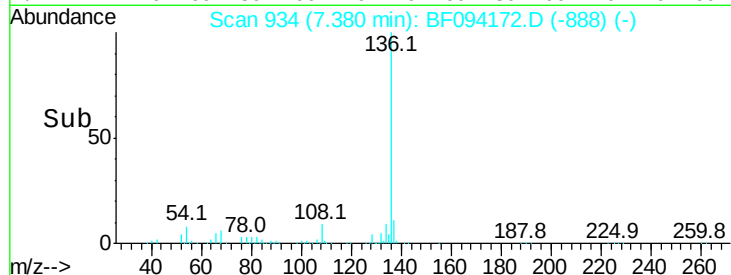
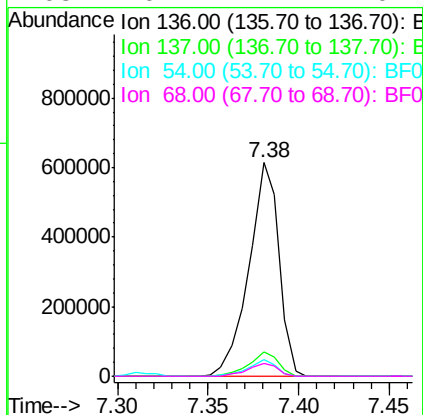
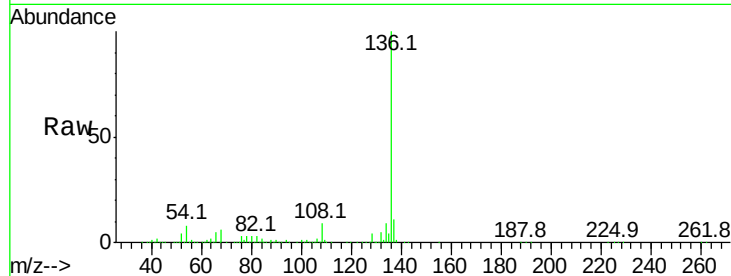




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

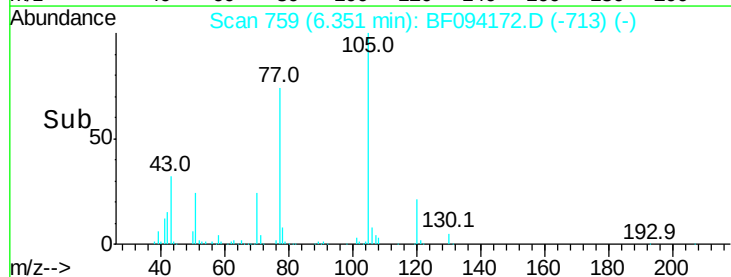
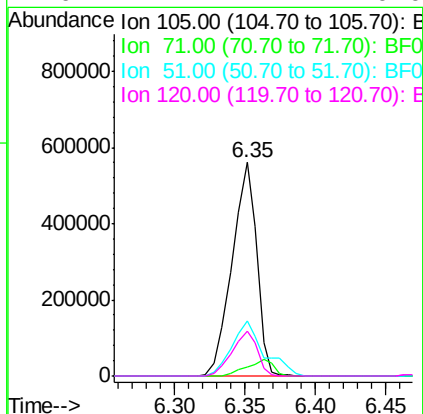
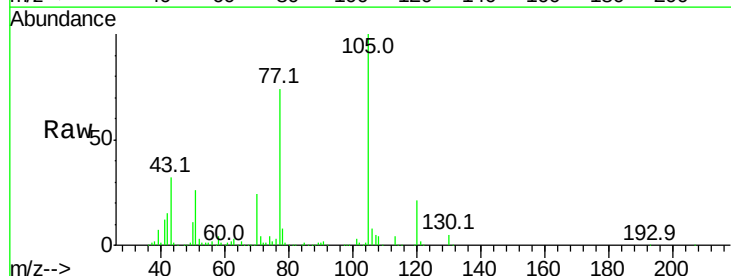
Instrument :
BNA_F
ClientSampleId :
PB98028BSD

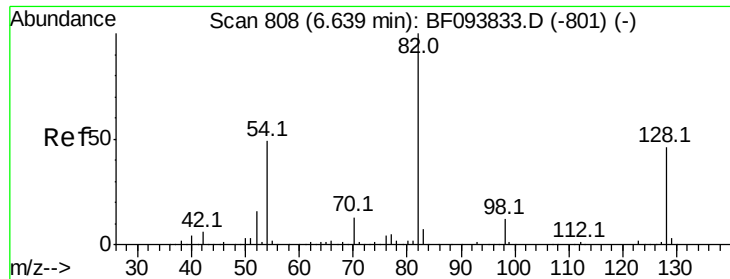
Tot Ion:136	Resp: 706530
Ion Ratio	Lower Upper
136 100	
137 11.3	8.5 12.7
54 7.7	4.9 7.3#
68 6.2	4.1 6.1#



#22
Acetophenone
Concen: 43.33 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.03 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion:105	Resp: 682346
Ion Ratio	Lower Upper
105 100	
71 4.2	2.8 4.2
51 25.7	30.7 46.1#
120 21.1	17.4 26.0

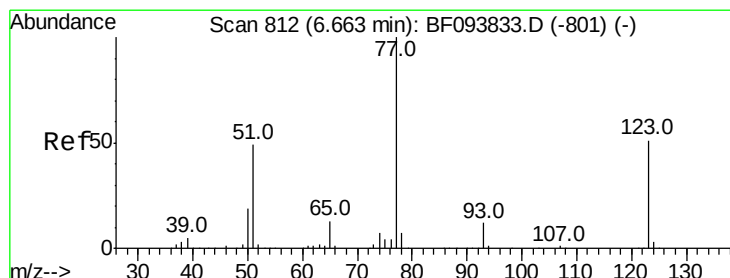
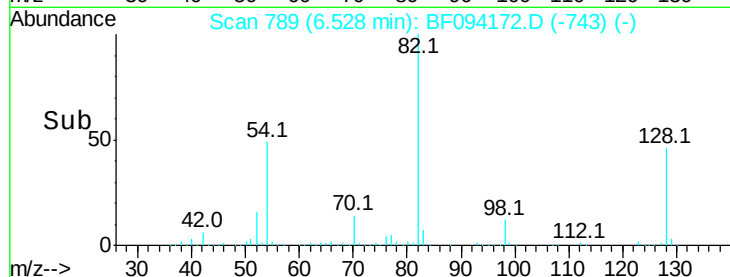
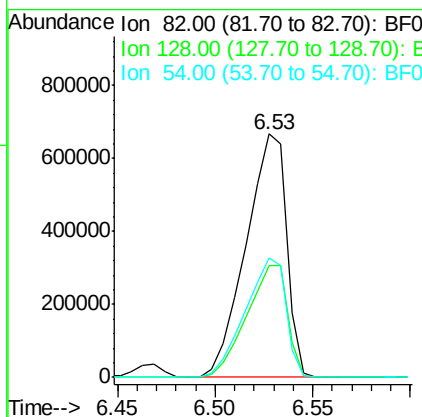
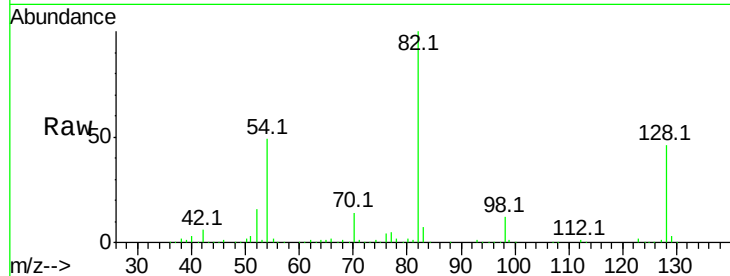




#23
Nitrobenzene-d5
Concen: 77.79 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

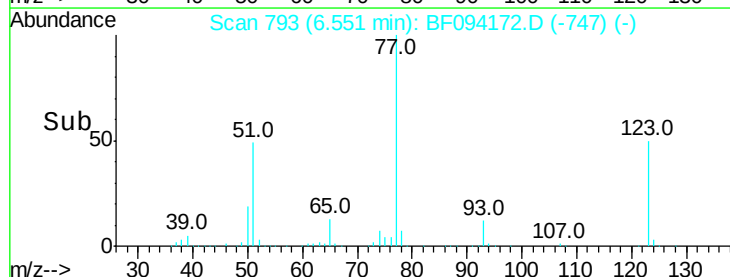
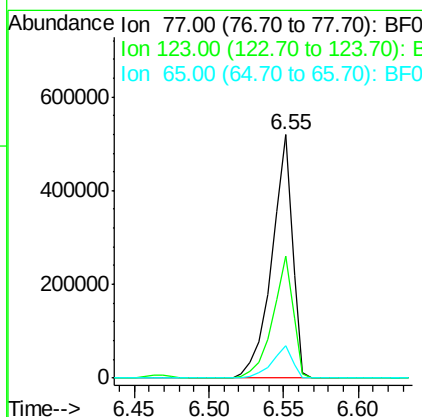
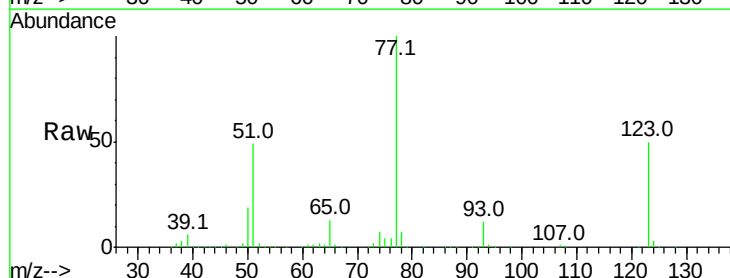
Instrument :
BNA_F
ClientSampleId :
PB98028BSD

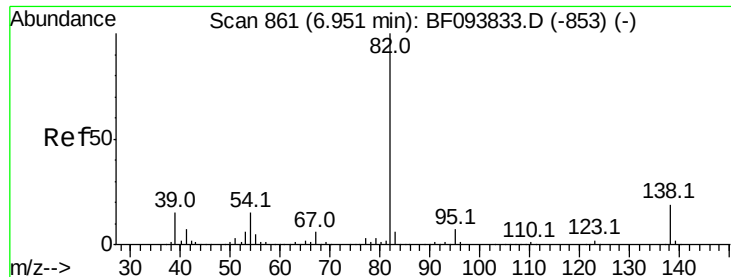
Tot Ion: 82 Resp: 963068
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 49.2 42.2 63.2



#24
Nitrobenzene
Concen: 40.77 ng
RT: 6.55 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion: 77 Resp: 497786
Ion Ratio Lower Upper
77 100
123 49.9 35.8 53.8
65 13.2 10.6 15.8





#25

Isophorone

Concen: 41.35 ng

RT: 6.84 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

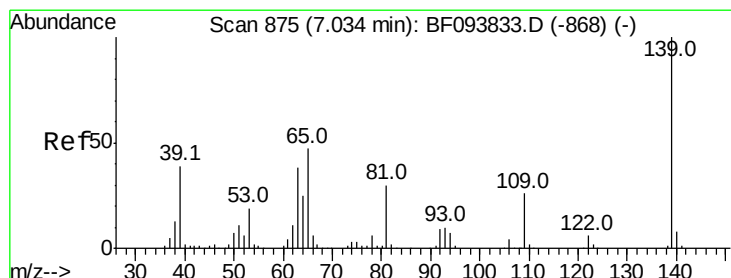
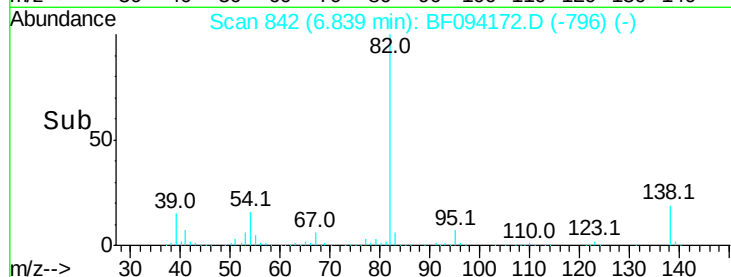
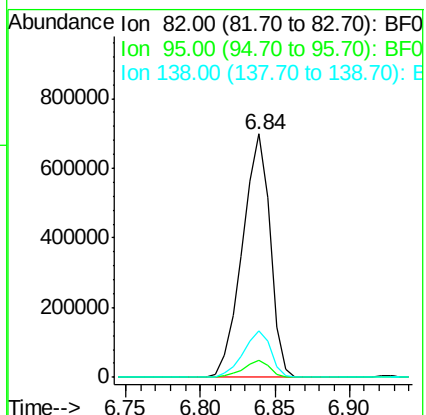
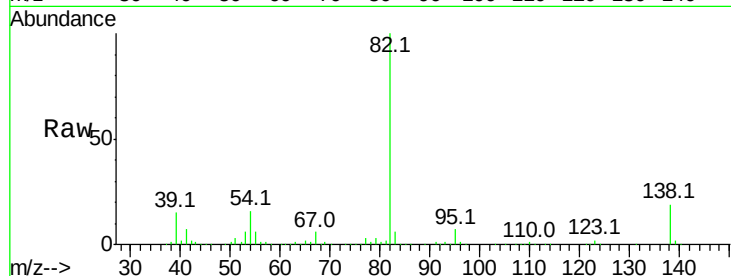
Tot Ion: 82 Resp: 899457

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 47.76 ng

RT: 6.93 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

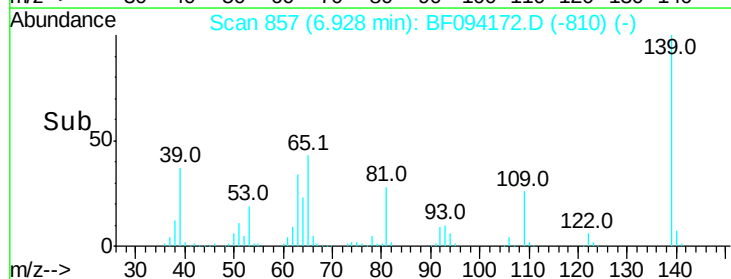
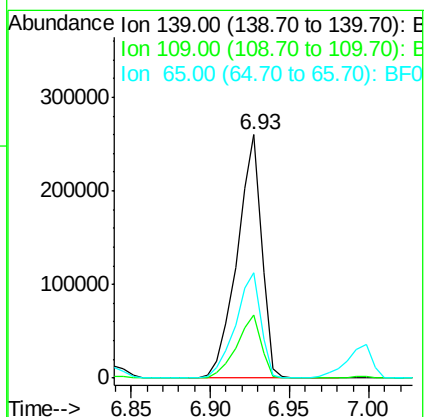
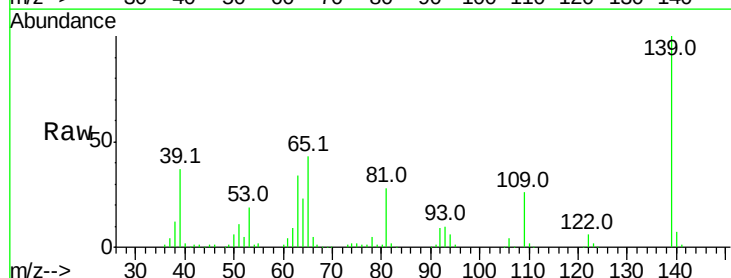
Tgt Ion:139 Resp: 278106

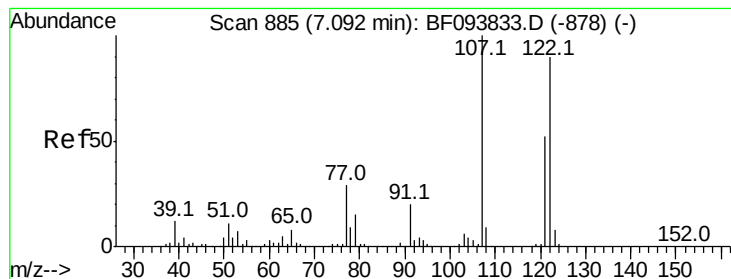
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 43.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.91 ng

RT: 7.00 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

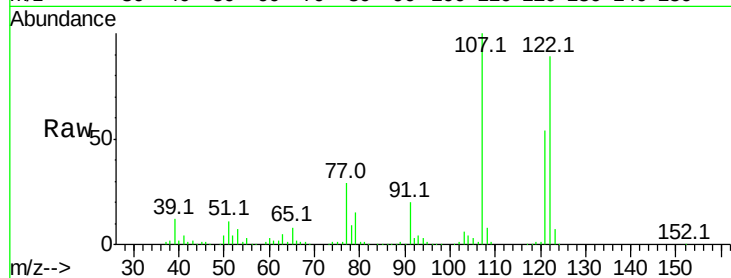
Tot Ion:122 Resp: 450602

Ion Ratio Lower Upper

122 100

107 111.8 89.2 133.8

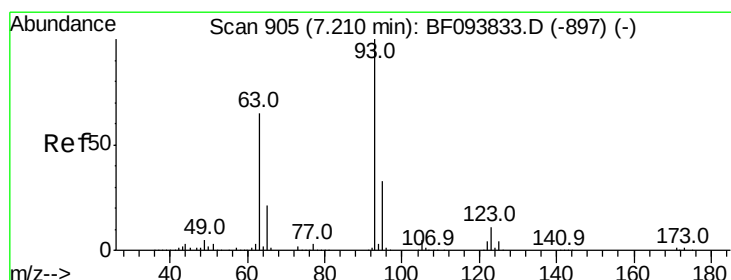
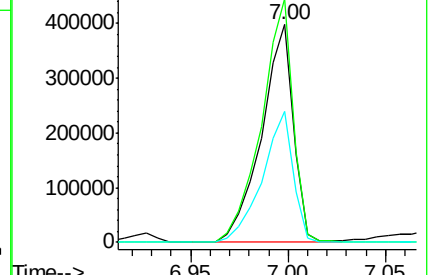
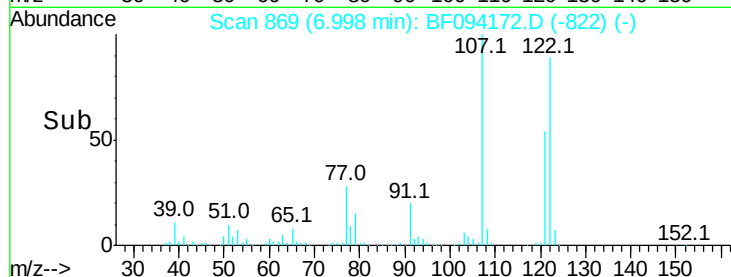
121 60.3 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.29 ng

RT: 7.10 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

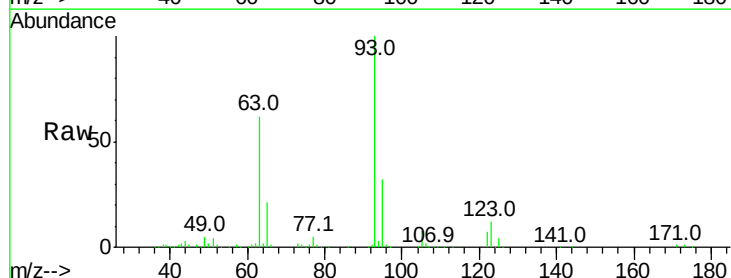
Tgt Ion: 93 Resp: 592280

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

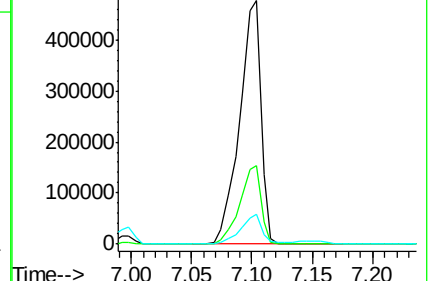
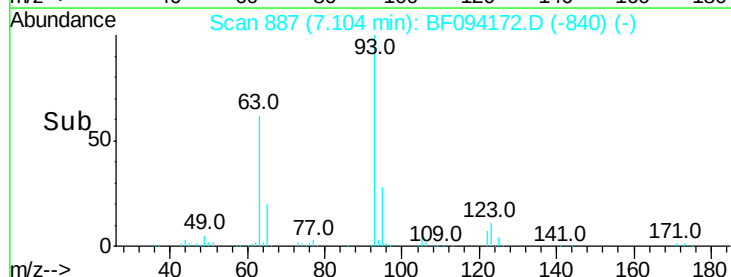
123 12.2 9.0 13.4

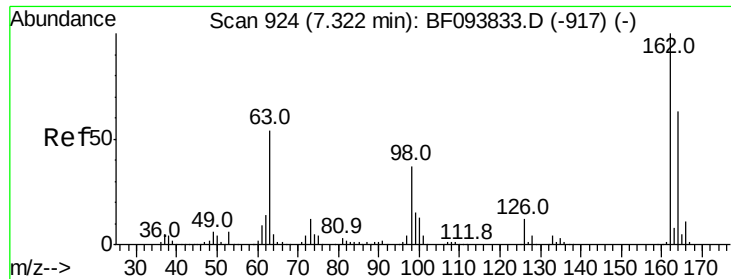


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

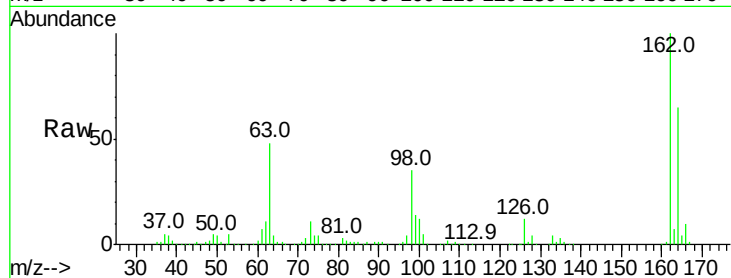




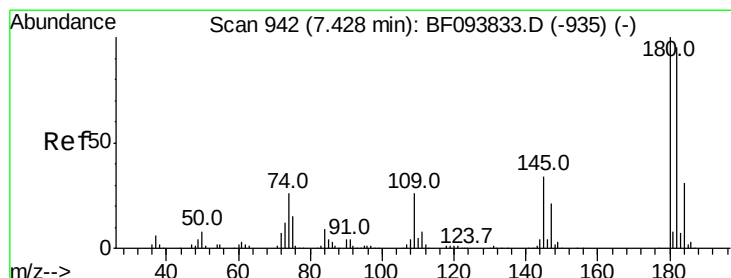
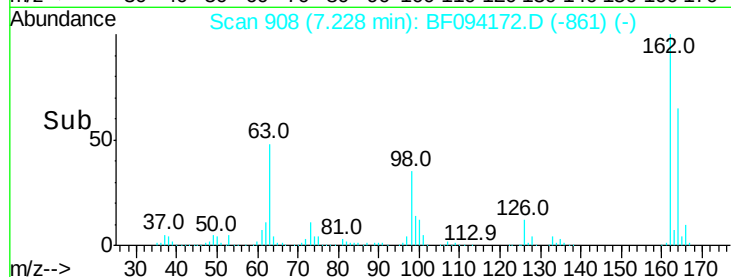
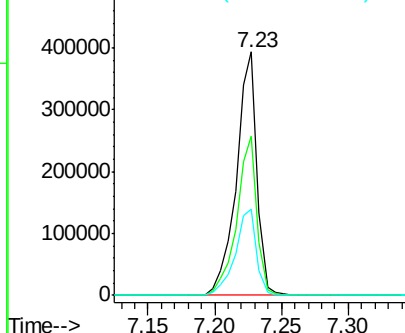
#29
 2,4-Dichlorophenol
 Concen: 44.99 ng
 RT: 7.23 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Instrument :
 BNA_F
 ClientSampleID :
 PB98028BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	35.2	14.8	54.8

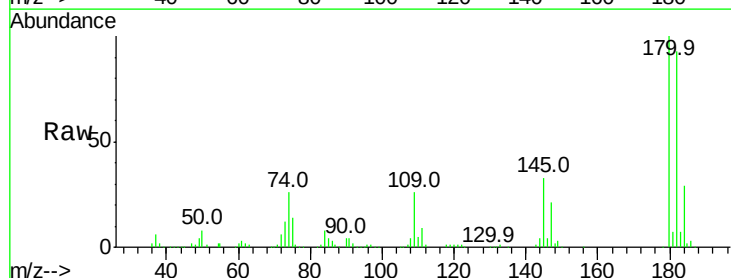


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

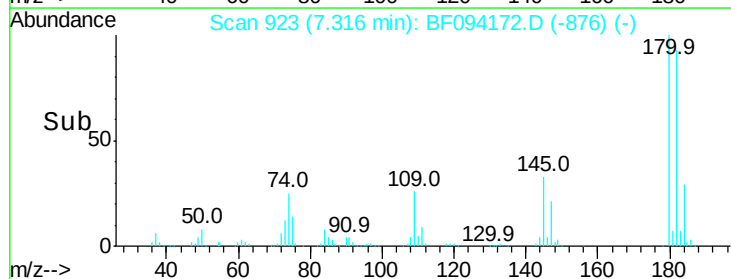
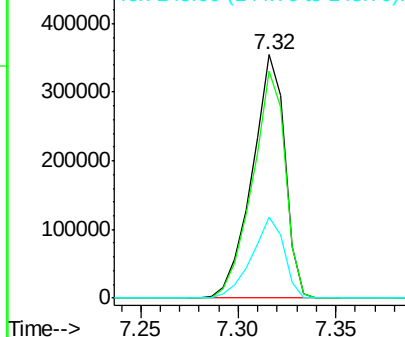


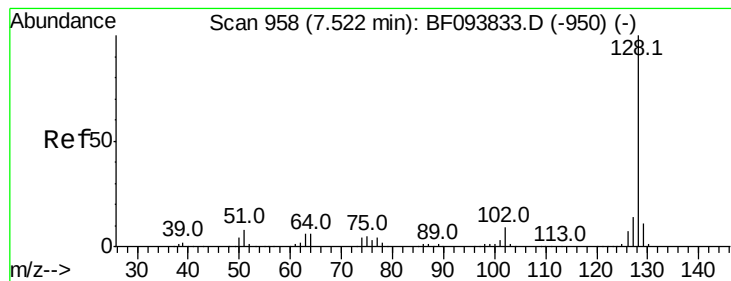
#30
 1,2,4-Trichlorobenzene
 Concen: 42.60 ng
 RT: 7.32 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.8	113.6
145	33.3	25.3	37.9



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





#31

Naphthalene

Concen: 40.77 ng

RT: 7.41 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

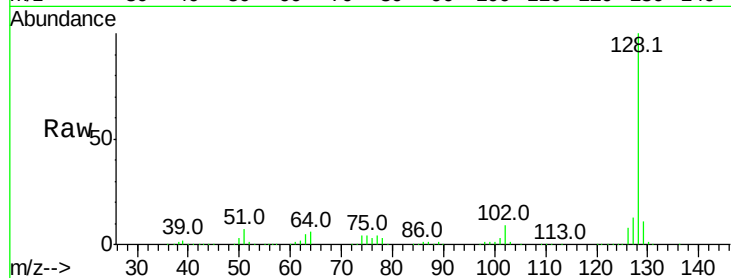
Tot Ion:128 Resp: 1385160

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

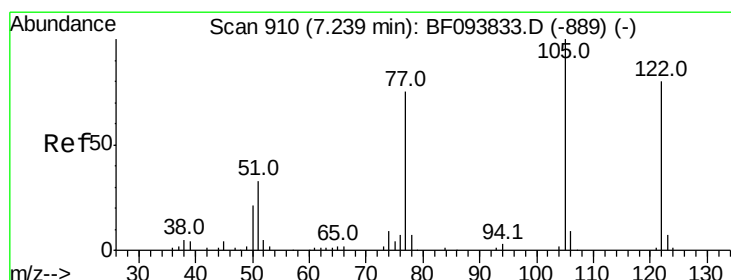
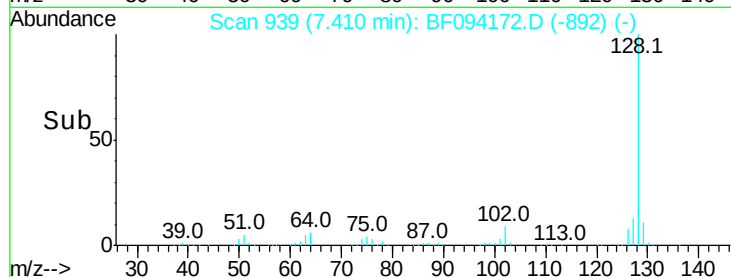
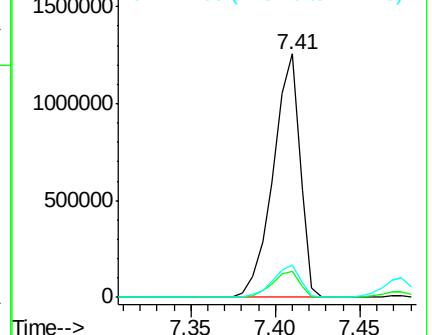
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.01 ng

RT: 7.16 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

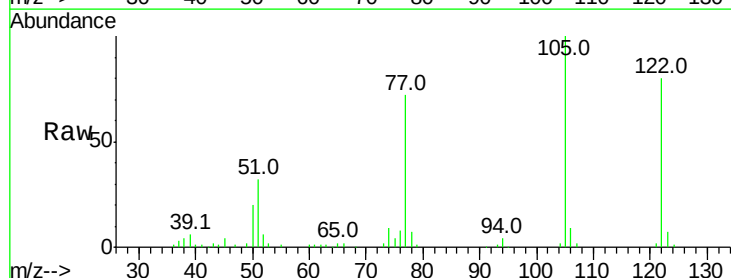
Tgt Ion:122 Resp: 253902

Ion Ratio Lower Upper

122 100

105 124.3 103.3 143.3

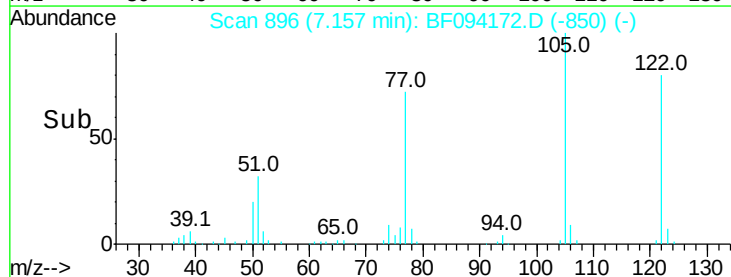
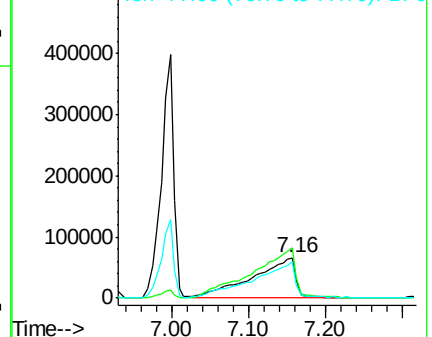
77 90.1 73.7 113.7

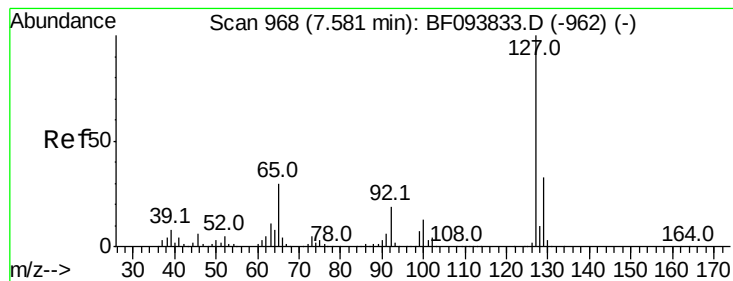


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.69 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.03 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

Tot Ion:127 Resp: 133414

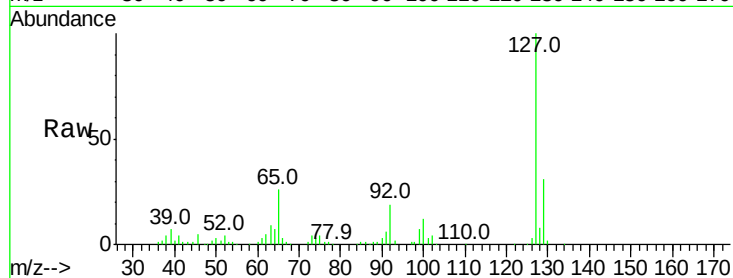
Ion Ratio Lower Upper

127 100

129 31.2 26.2 39.2

65 26.3 27.8 41.8#

92 18.5 16.8 25.2

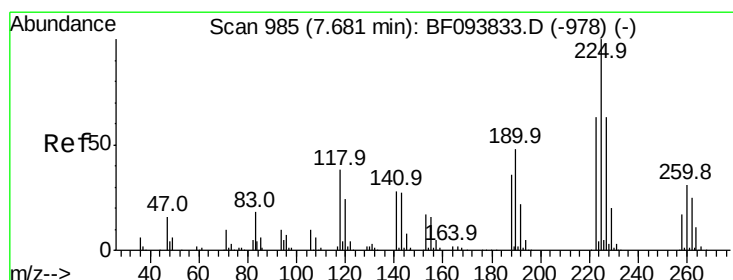
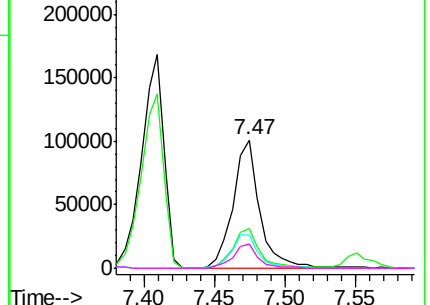
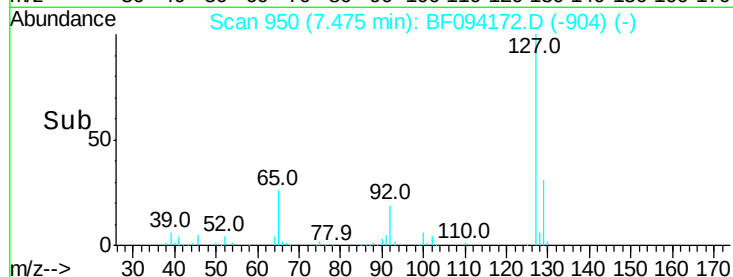


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.85 ng

RT: 7.56 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

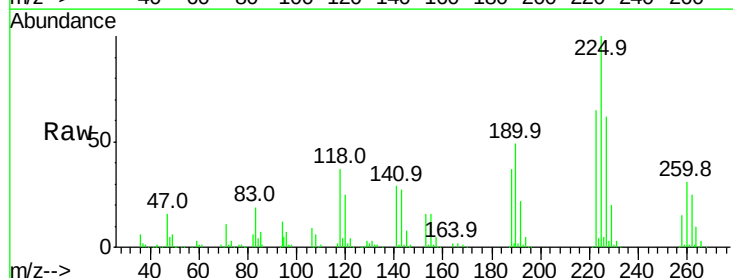
Tgt Ion:225 Resp: 207363

Ion Ratio Lower Upper

225 100

223 64.6 48.8 73.2

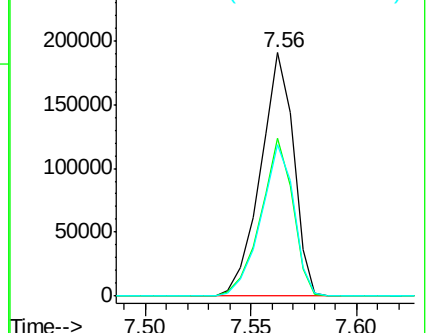
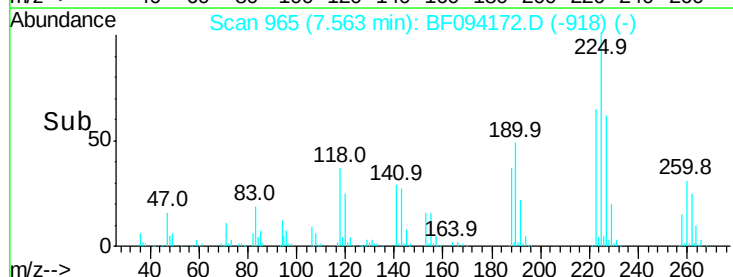
227 62.3 51.1 76.7

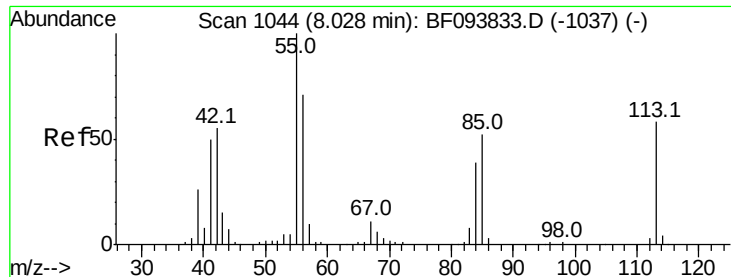


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.98 ng/mL

RT: 7.92 min Scan# 1026

Delta R.T. -0.04 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

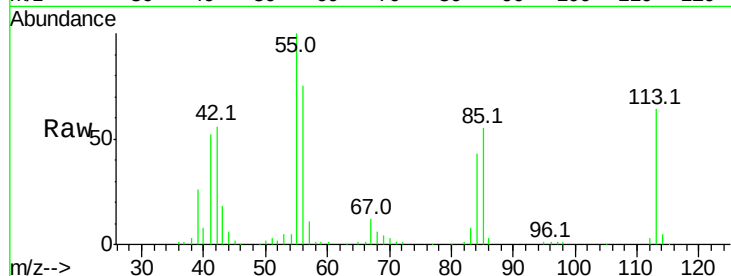
Tot Ion:113 Resp: 140535

Ion Ratio Lower Upper

113 100

55 156.4 150.2 190.2

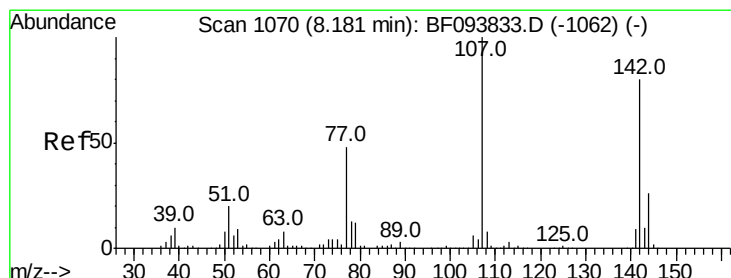
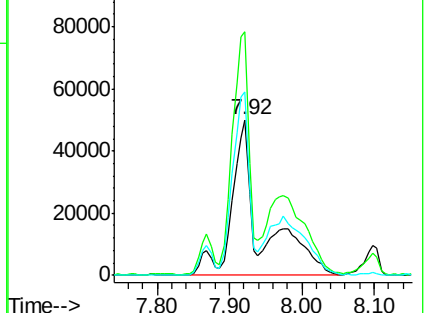
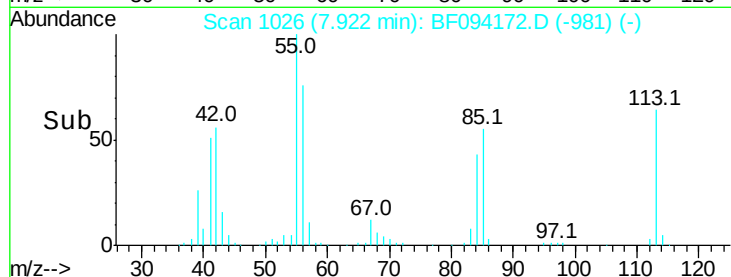
56 118.0 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.36 ng/mL

RT: 8.10 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

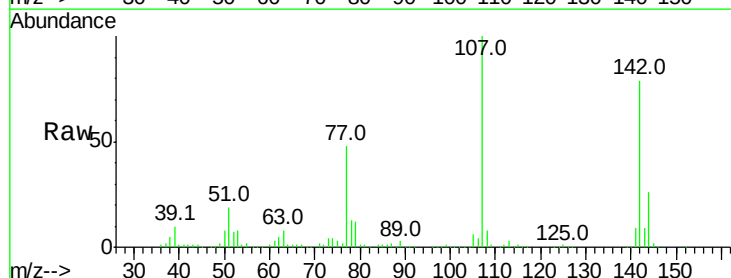
Tgt Ion:107 Resp: 454389

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

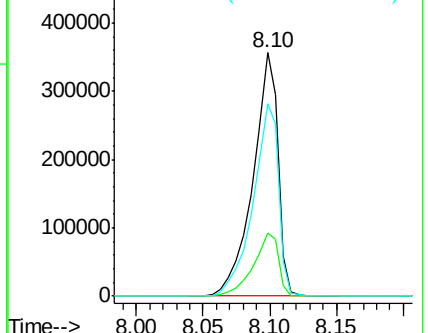
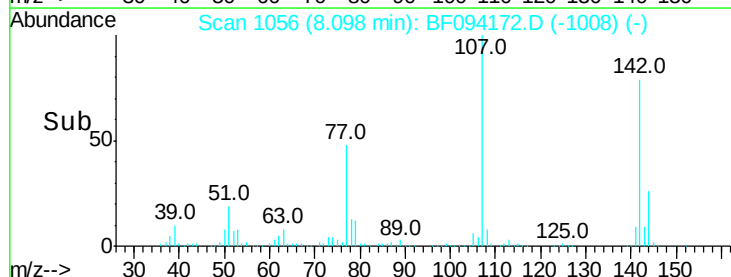
142 79.1 73.4 110.0

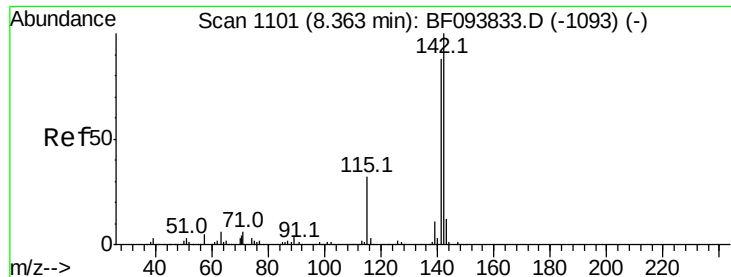


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.71 ng

RT: 8.25 min Scan# 1082

Delta R.T. -0.02 min

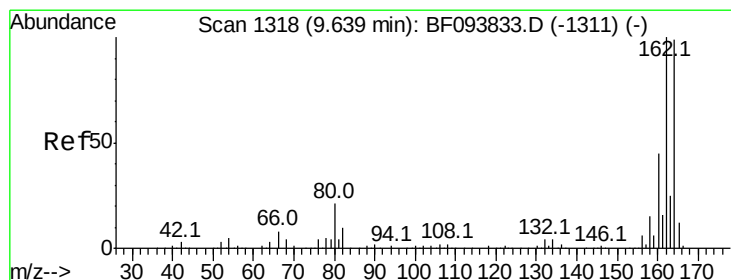
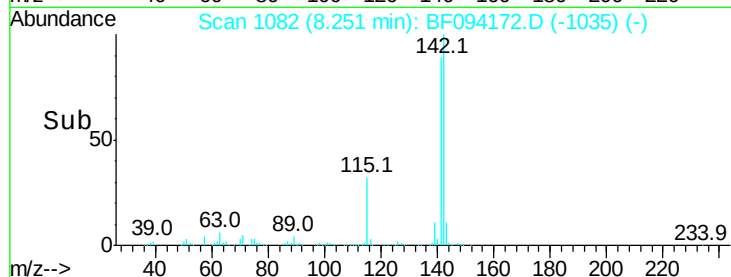
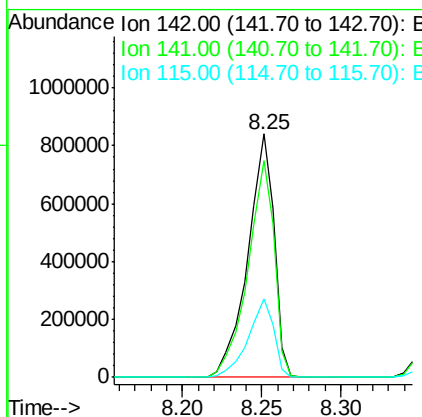
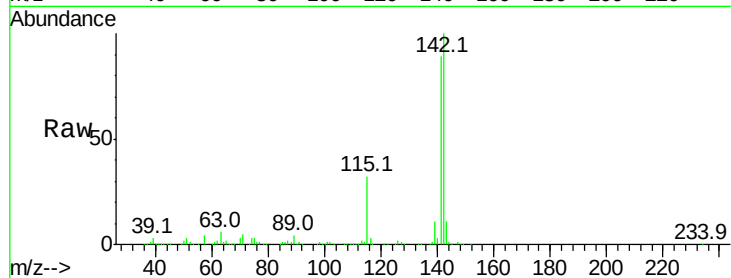
Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :
BNA_F
ClientSampled :
PB98028BSD

Tot Ion:142 Resp: 967129

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	32.5	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 1298

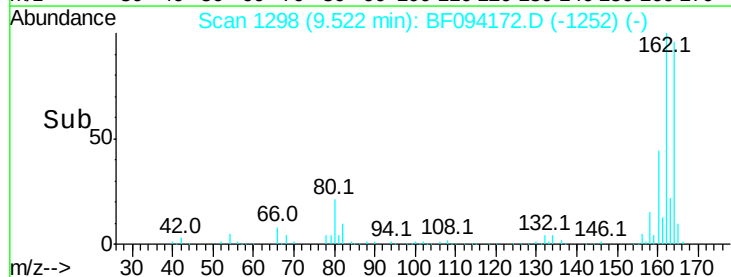
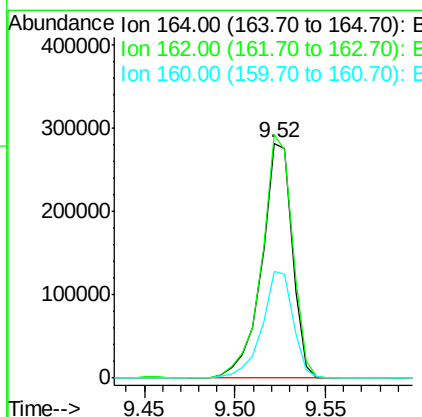
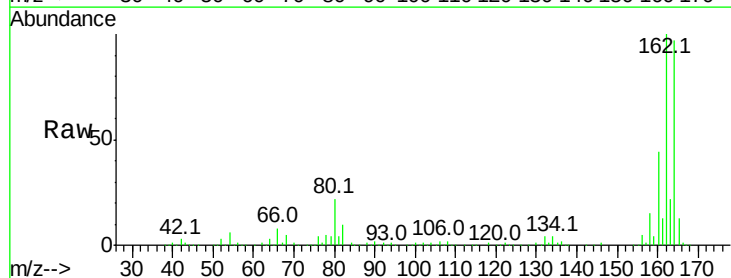
Delta R.T. -0.03 min

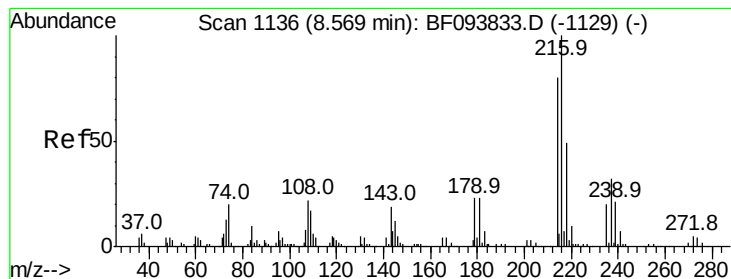
Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Tgt Ion:164 Resp: 330518

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.61 ng

RT: 8.46 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

Tot Ion:216 Resp: 358115

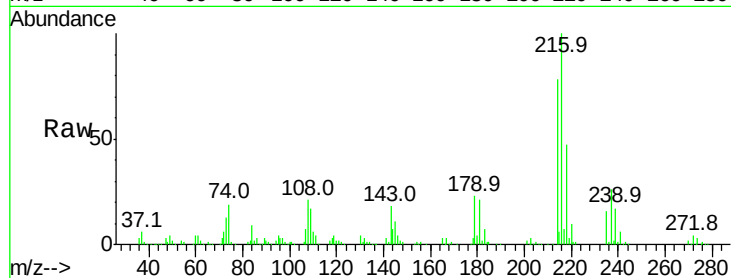
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 22.3 17.9 26.9

108 22.8 16.5 24.7

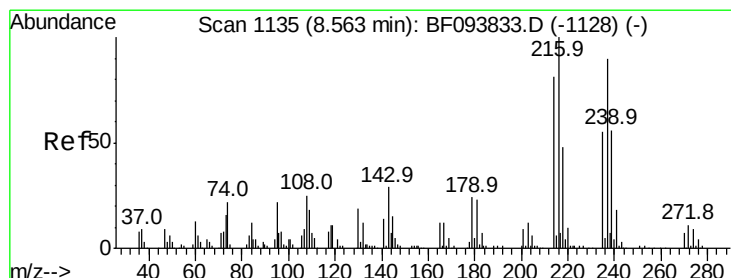
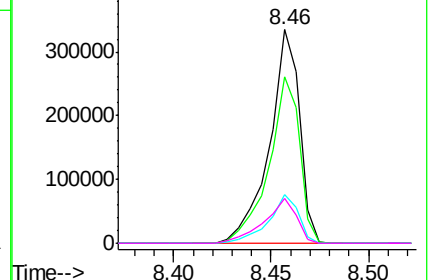
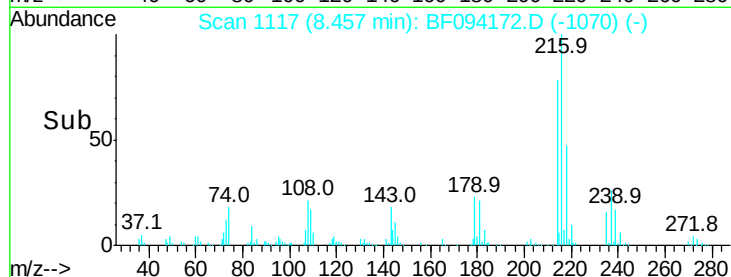


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.22 ng

RT: 8.45 min Scan# 1115

Delta R.T. -0.03 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

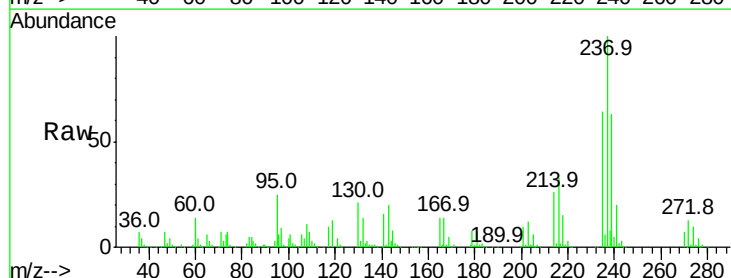
Tgt Ion:237 Resp: 343653

Ion Ratio Lower Upper

237 100

235 63.8 42.6 82.6

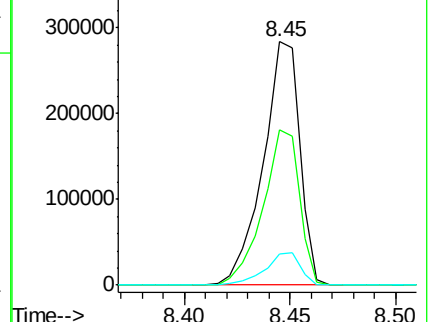
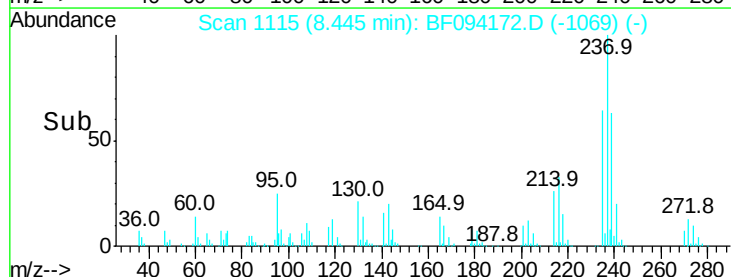
272 12.7 0.0 31.9

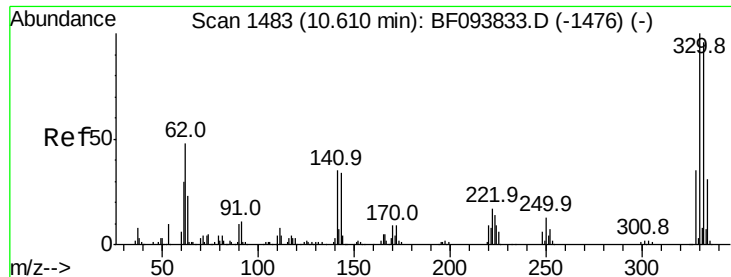


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

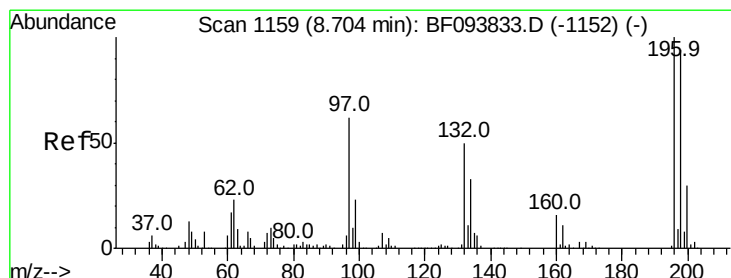
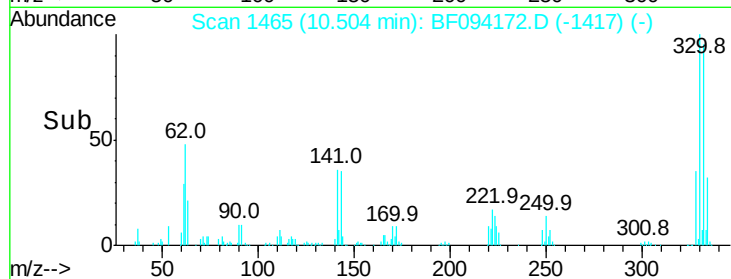
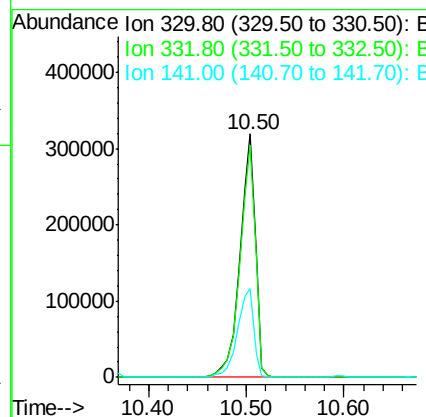
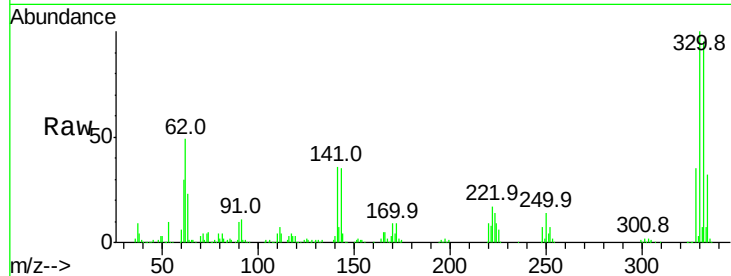




#41
 2,4,6-Tribromophenol
 Concen: 132.82 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

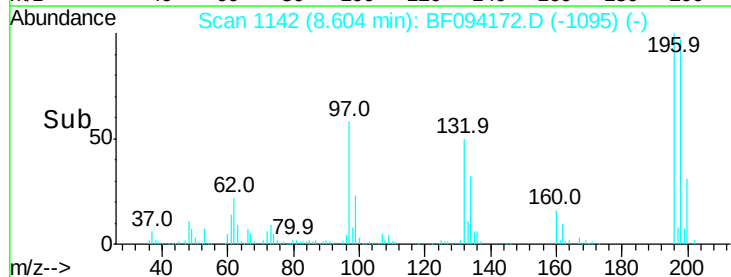
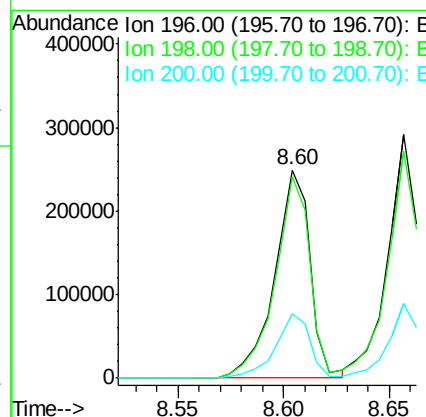
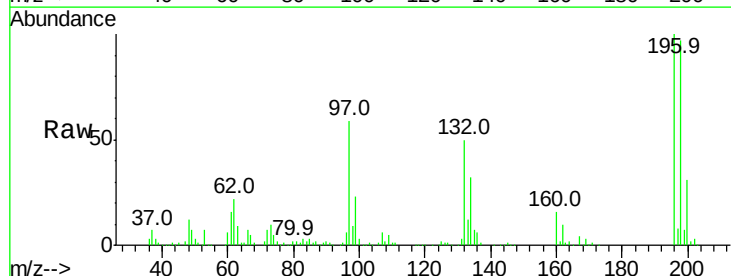
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

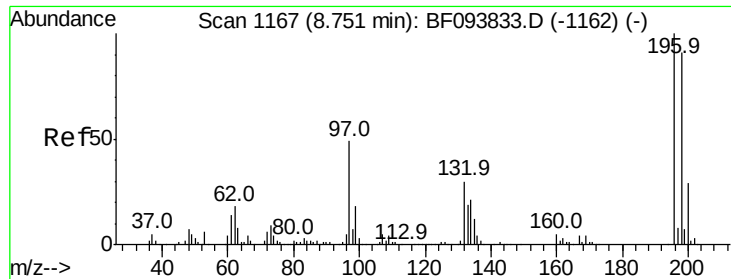
Tot Ion:330 Resp: 346910
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 38.8 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 45.48 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:196 Resp: 290934
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.2 111.4
 200 30.7 24.0 36.0

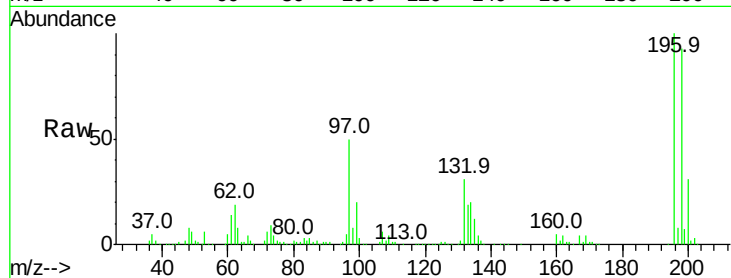




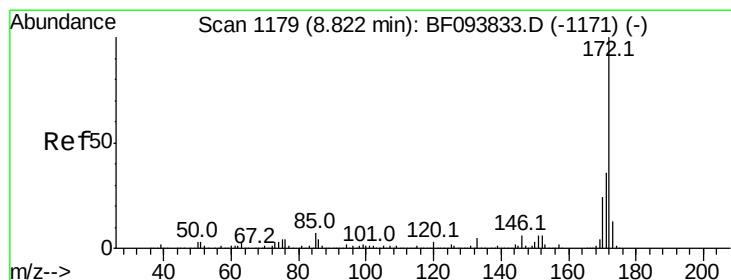
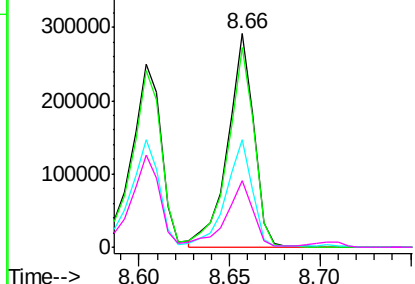
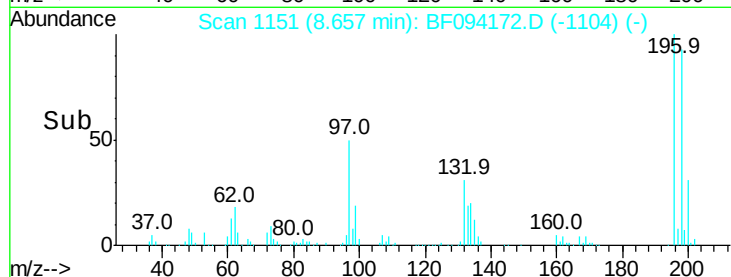
#43
 2,4,5-Trichlorophenol
 Concen: 42.08 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

Tot Ion:196 Resp: 291302
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.7 113.5
 97 50.5 47.7 71.5
 132 31.1 28.0 42.0

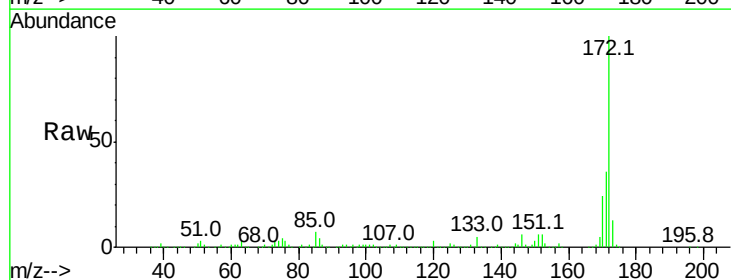


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

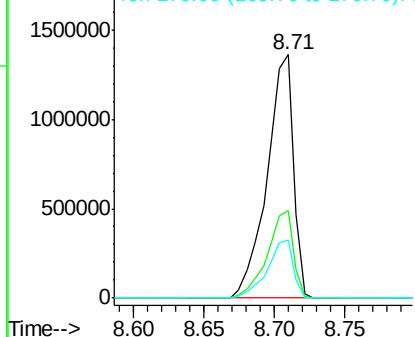
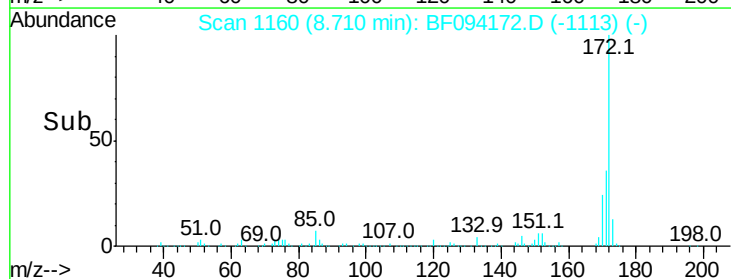


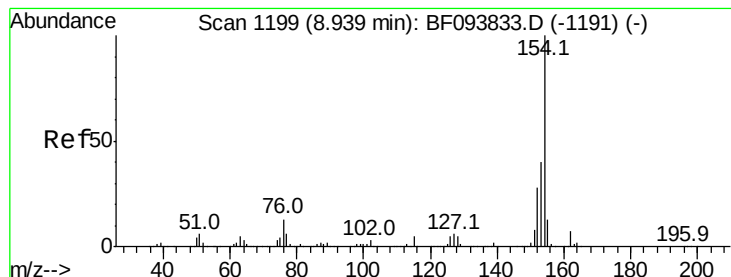
#44
 2-Fluorobiphenyl
 Concen: 82.71 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:172 Resp: 1792295
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.03 ng

RT: 8.83 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

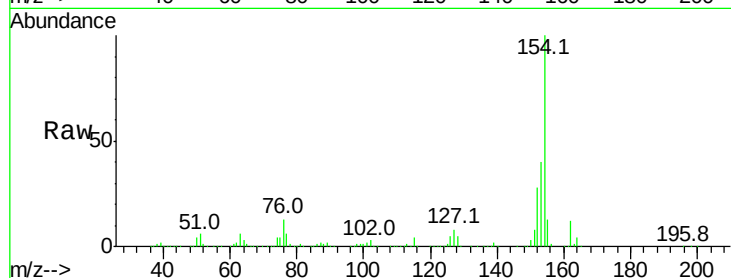
Tot Ion:154 Resp: 1093800

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

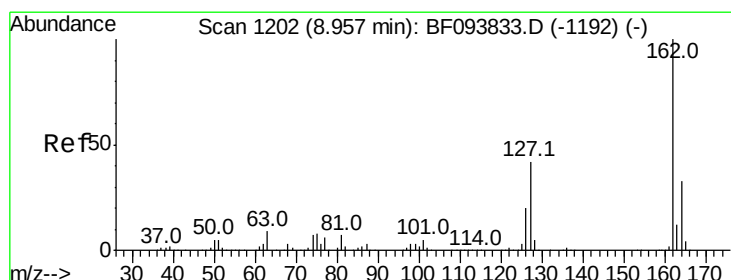
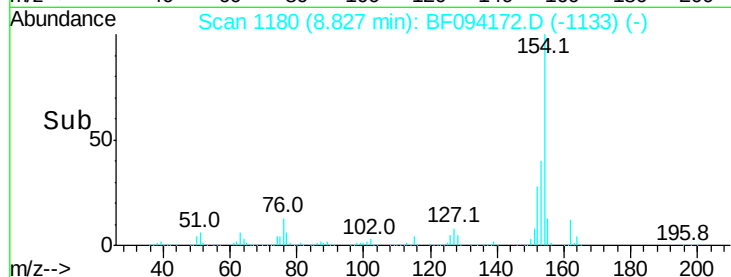
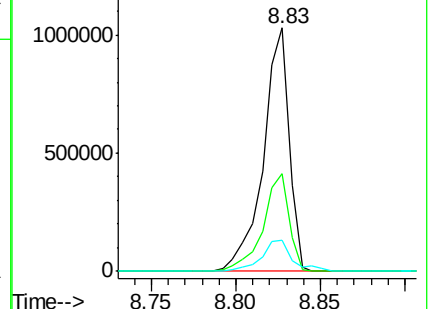
76 12.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.27 ng

RT: 8.85 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

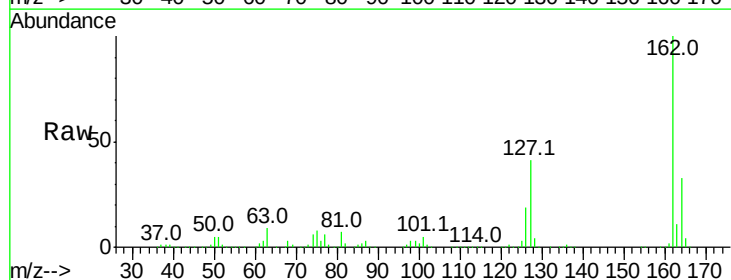
Tgt Ion:162 Resp: 861333

Ion Ratio Lower Upper

162 100

127 40.5 28.3 42.5

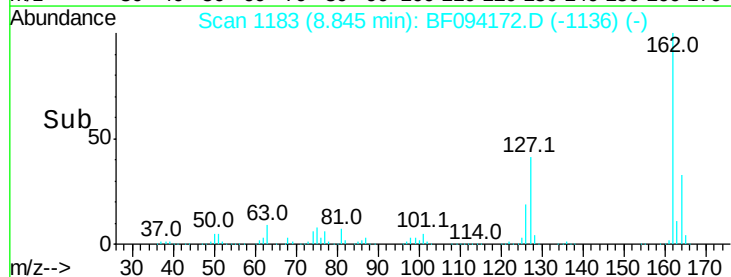
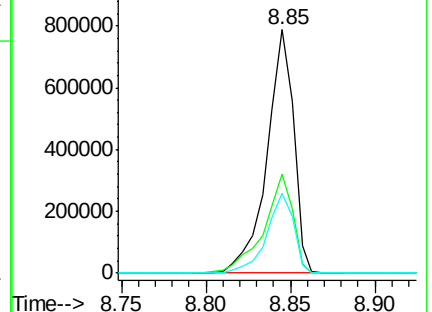
164 32.8 27.0 40.4

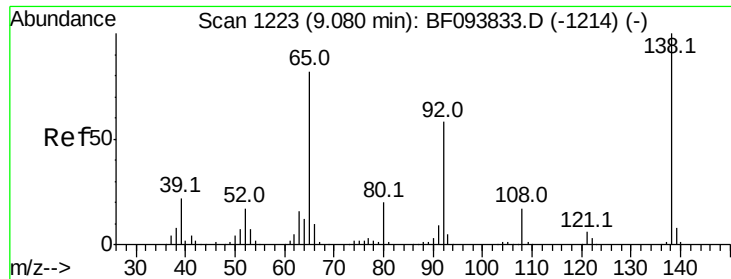


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

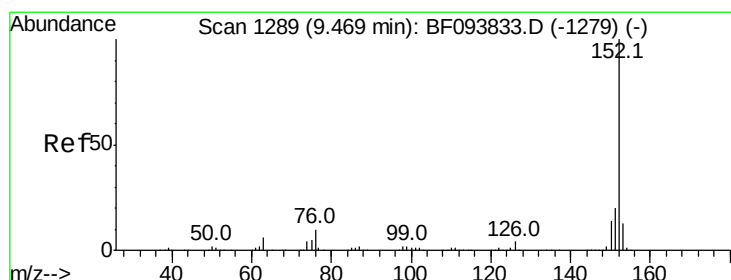
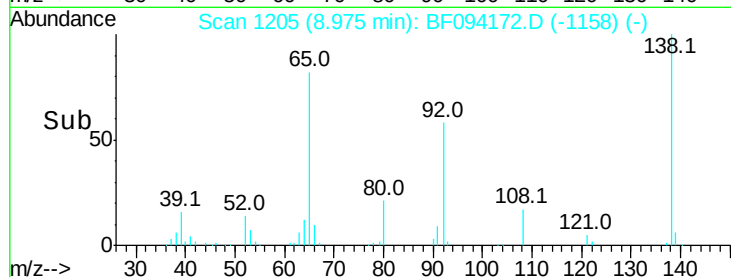
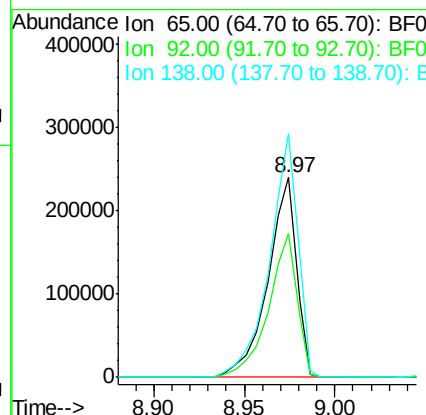
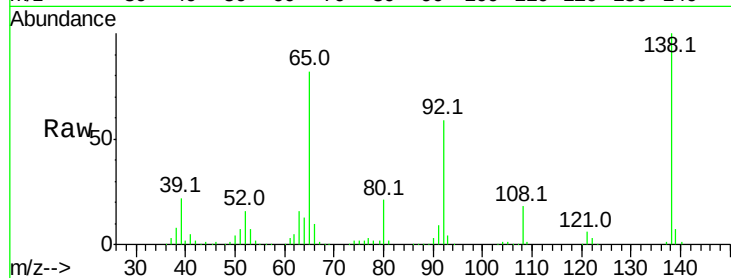




#47
 2-Nitroaniline
 Concen: 42.76 ng
 RT: 8.97 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

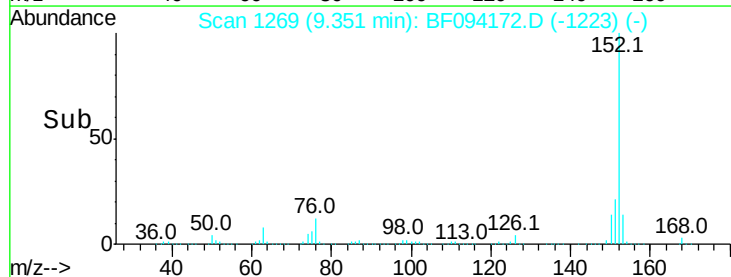
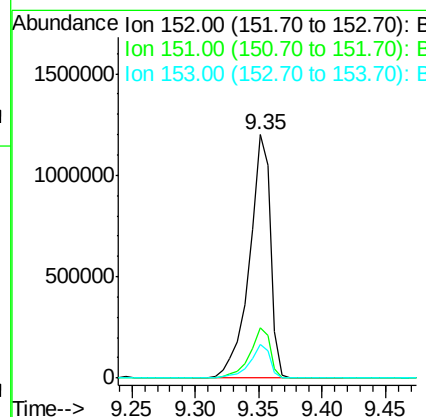
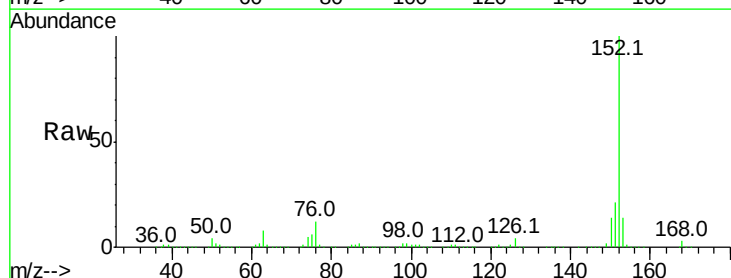
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

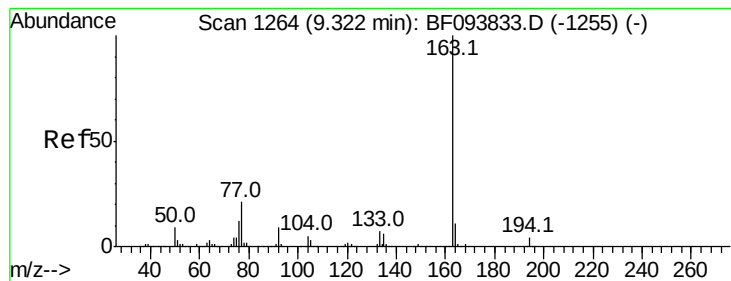
Tot Ion: 65 Resp: 264731
 Ion Ratio Lower Upper
 65 100
 92 72.3 53.9 80.9
 138 122.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.76 ng
 RT: 9.35 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:152 Resp: 1378948
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.9 10.8 16.2





#49

Dimethylphthalate

Concen: 44.66 ng

RT: 9.22 min Scan# 1246

Delta R.T. -0.03 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

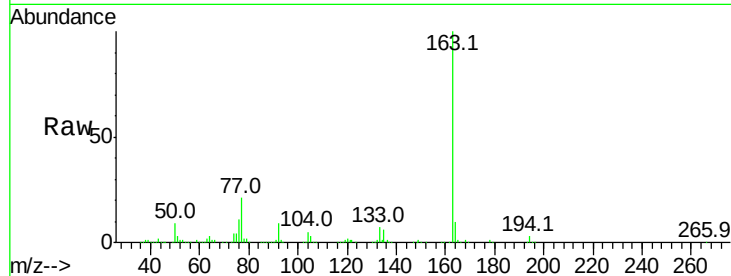
Tot Ion:163 Resp: 1049215

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

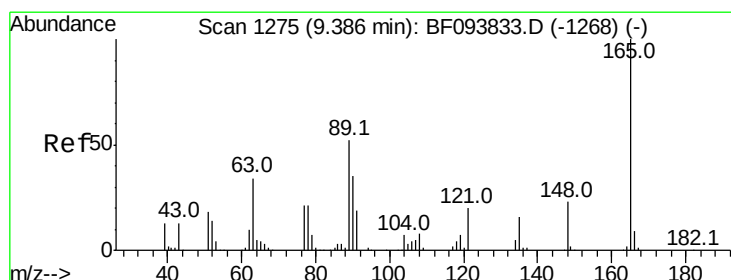
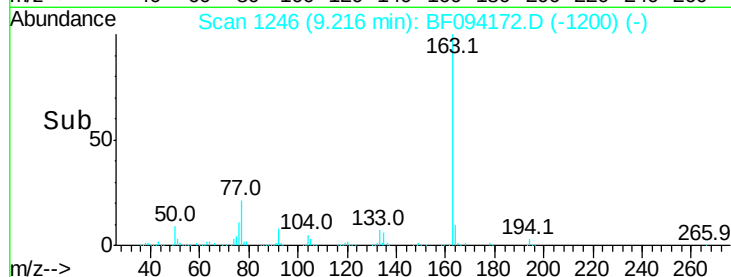
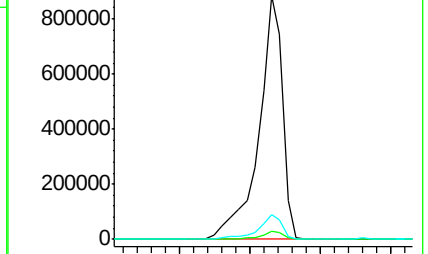
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.57 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

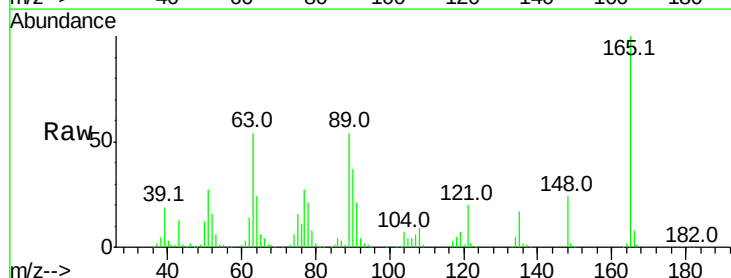
Tgt Ion:165 Resp: 234661

Ion Ratio Lower Upper

165 100

63 53.6 34.3 51.5#

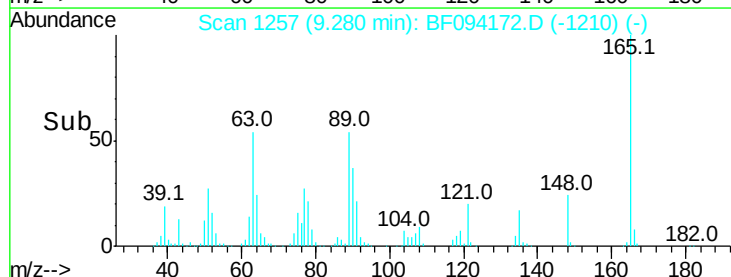
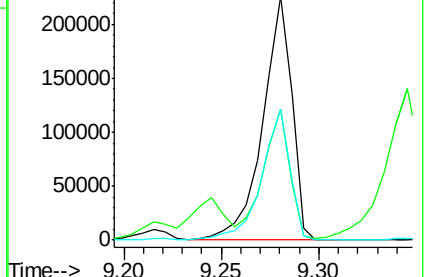
89 53.9 37.1 55.7

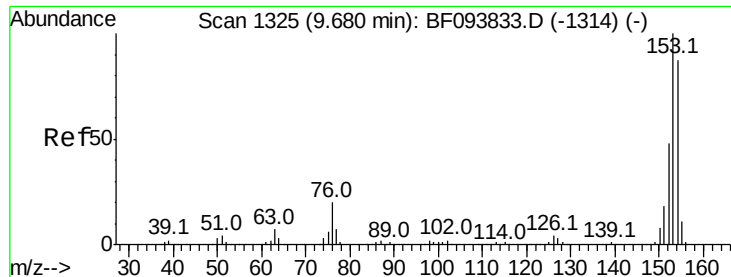


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.95 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

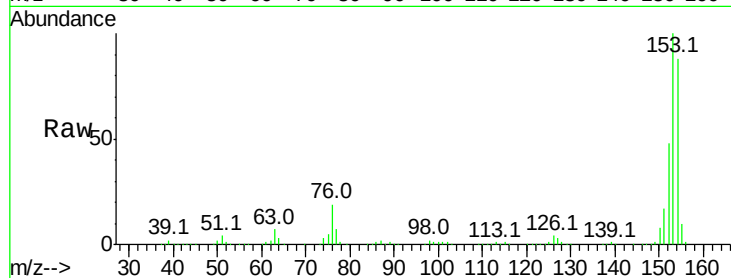
Tot Ion:154 Resp: 828707

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

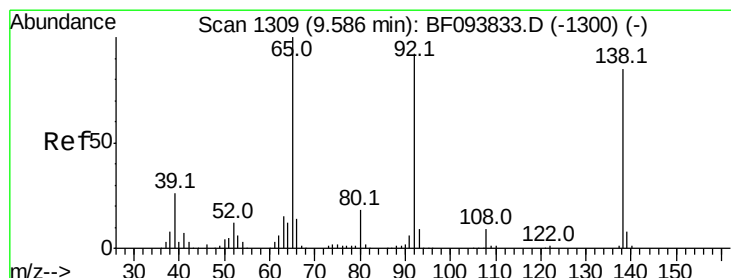
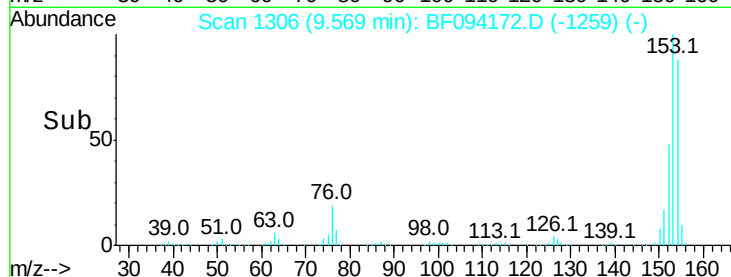
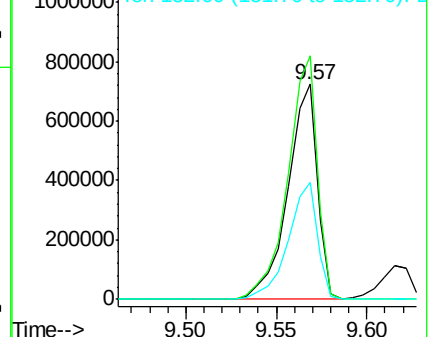
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.98 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.04 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

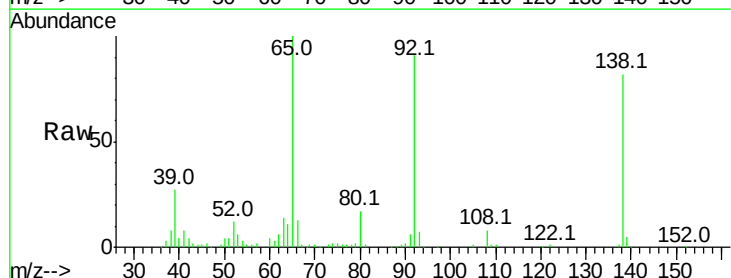
Tgt Ion:138 Resp: 88402

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

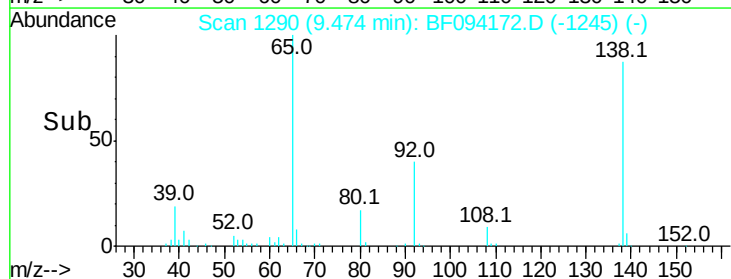
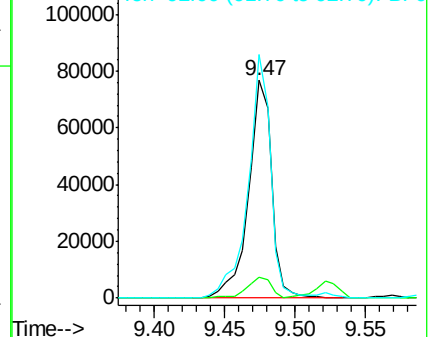
92 111.8 93.8 140.6

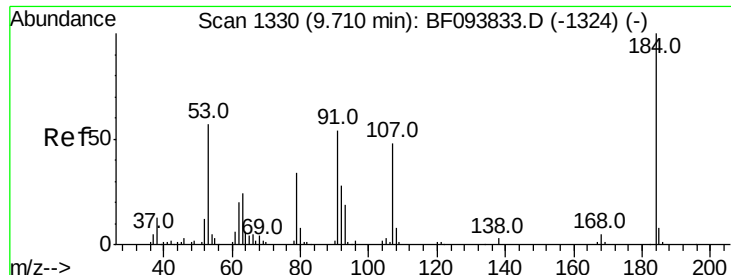


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

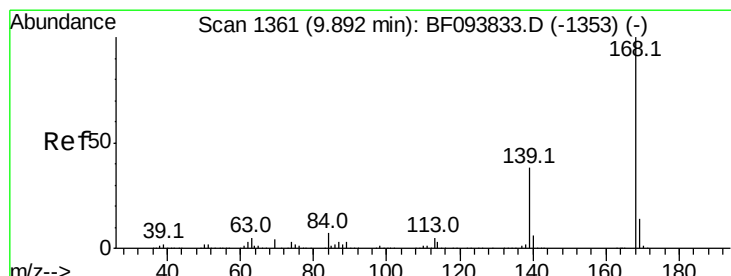
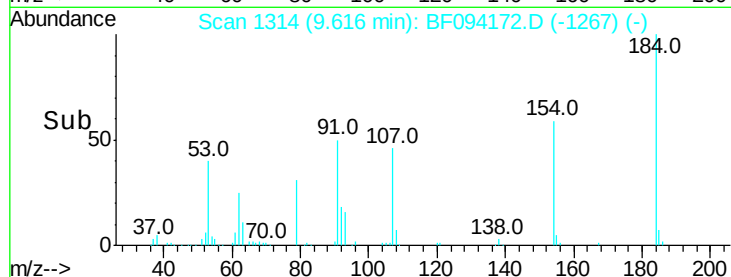
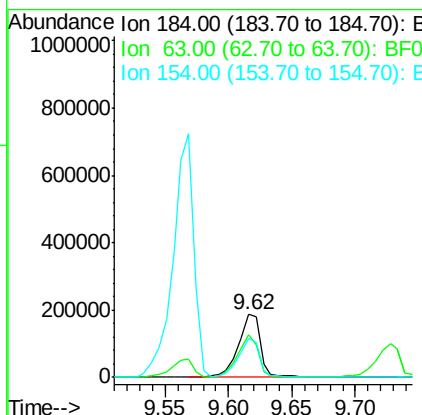
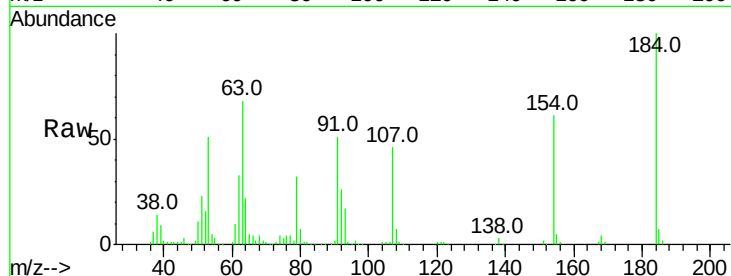




#53
 2,4-Dinitrophenol
 Concen: 78.14 ng
 RT: 9.62 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

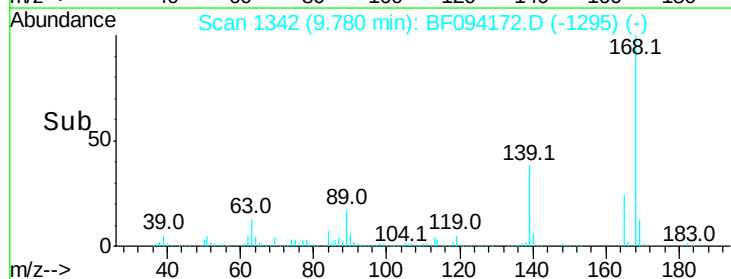
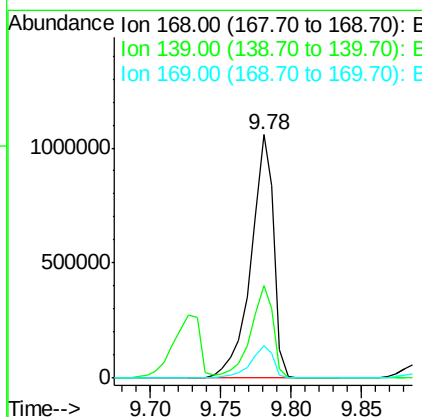
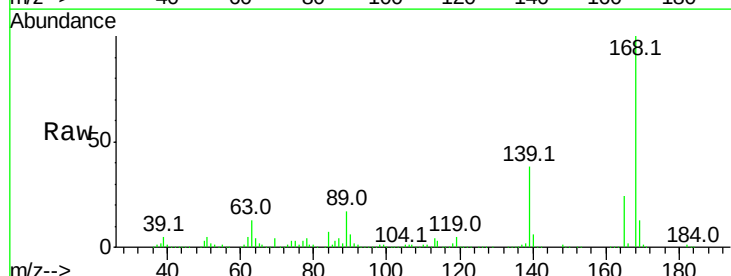
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

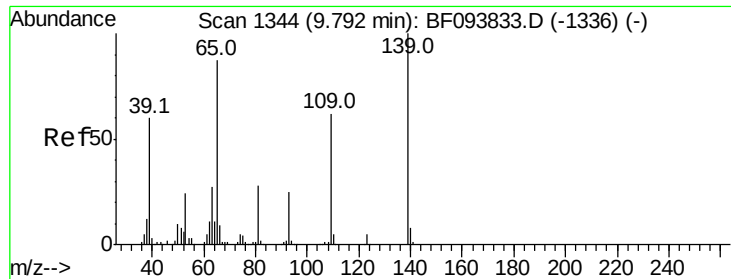
Tot Ion:184 Resp: 224876
 Ion Ratio Lower Upper
 184 100
 63 67.5 62.7 94.1
 154 60.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.21 ng
 RT: 9.78 min Scan# 1342
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:168 Resp: 1190526
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 74.33 ng

RT: 9.73 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

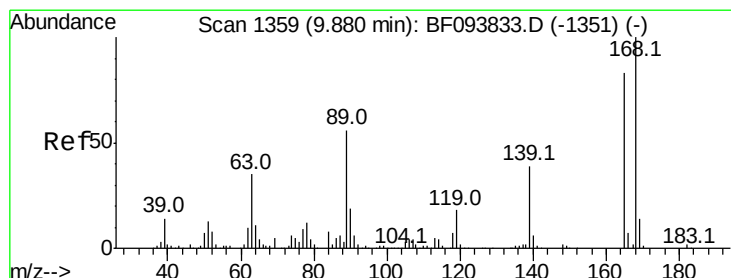
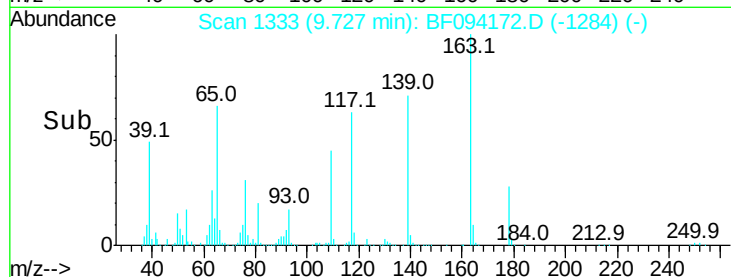
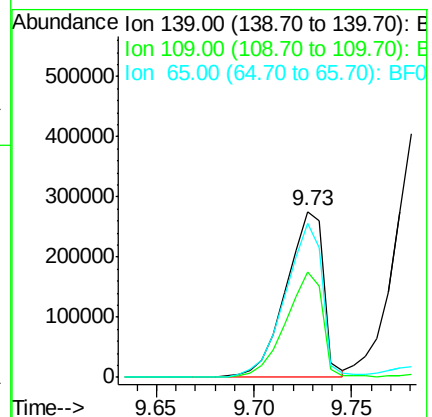
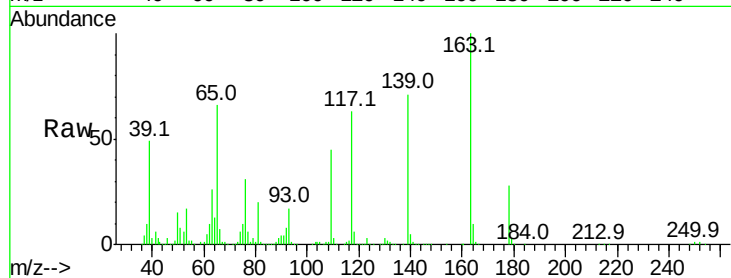
Tot Ion:139 Resp: 368132

Ion Ratio Lower Upper

139 100

109 63.3 34.1 74.1

65 93.2 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 43.33 ng

RT: 9.78 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Tgt Ion:165 Resp: 293144

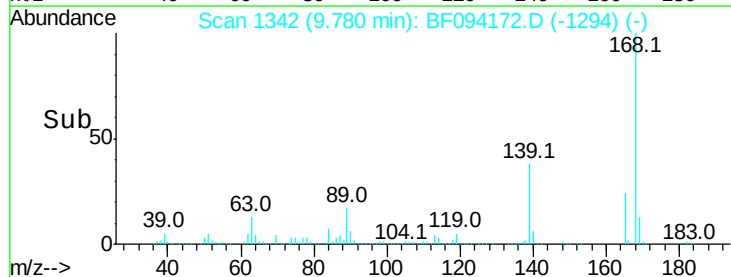
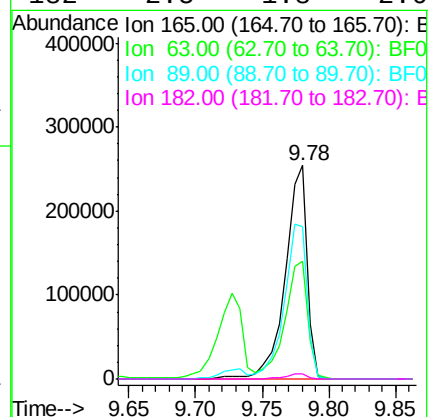
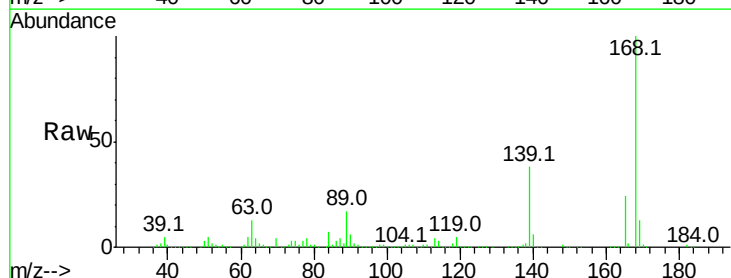
Ion Ratio Lower Upper

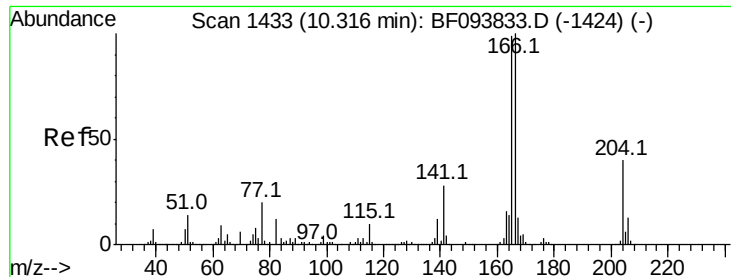
165 100

63 55.2 25.4 38.0#

89 71.4 46.4 69.6#

182 2.5 1.8 2.6





#57

Fluorene

Concen: 39.98 ng

RT: 10.20 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

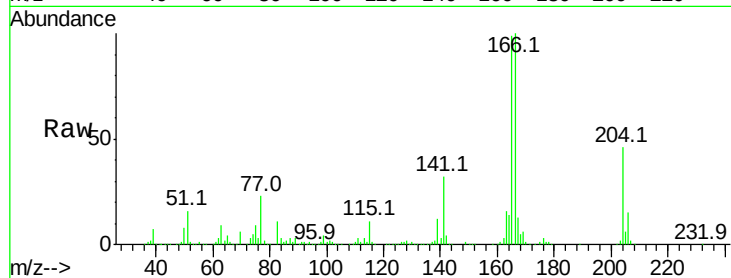
Tot Ion:166 Resp: 913313

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

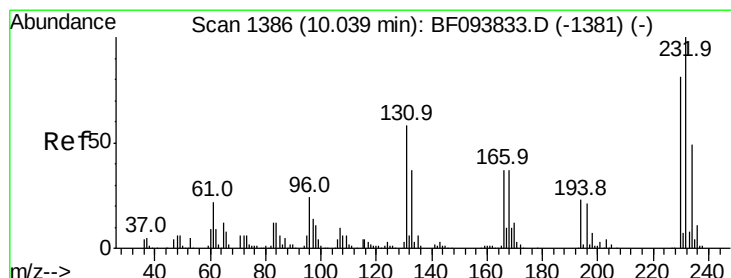
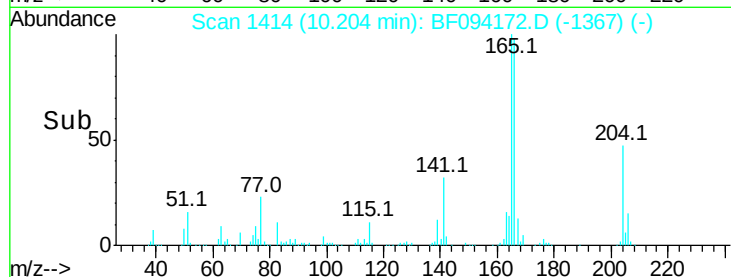
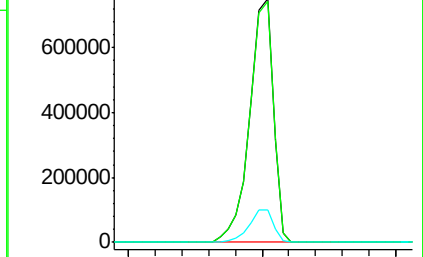
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.15 ng

RT: 9.94 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Tgt Ion:232 Resp: 219179

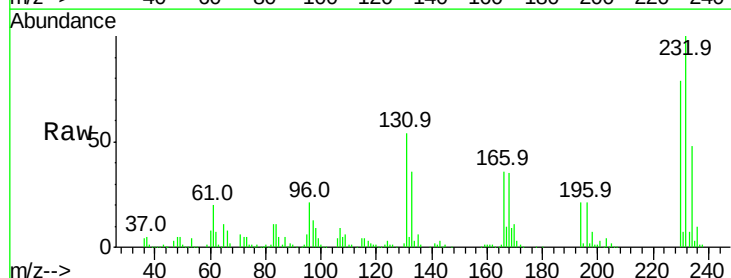
Ion Ratio Lower Upper

232 100

131 53.1 44.8 67.2

130 2.5 2.3 3.5

166 36.9 29.0 43.4

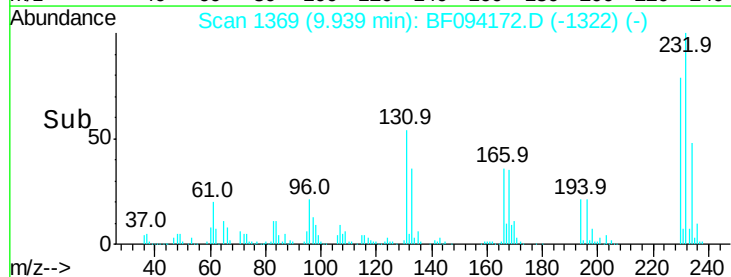
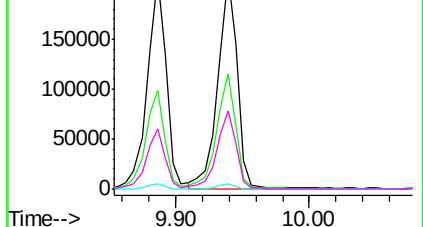


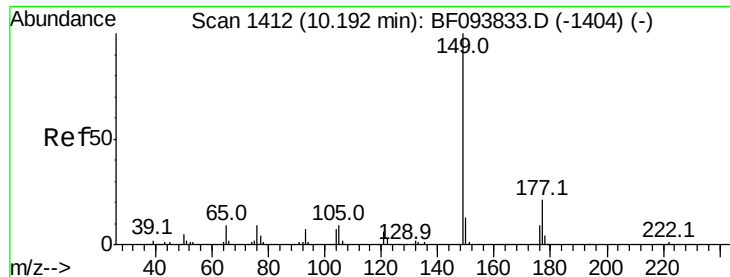
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

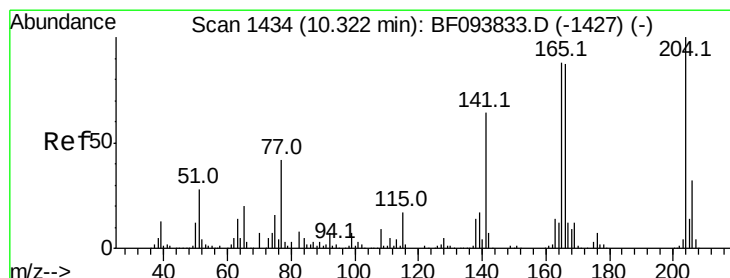
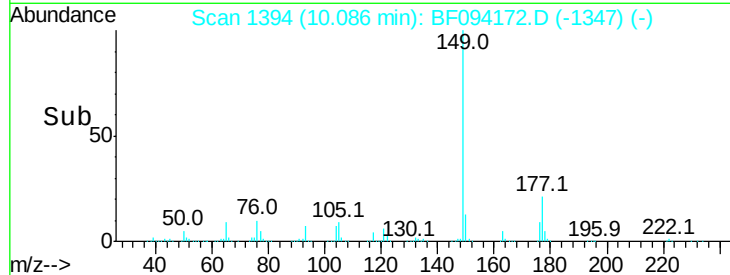
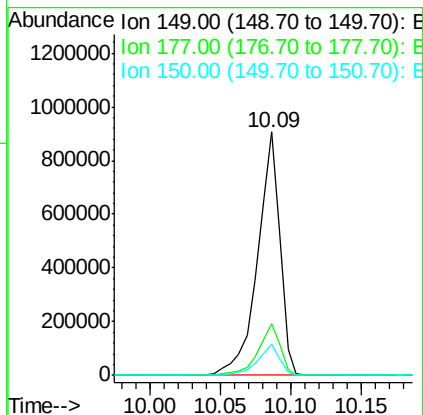
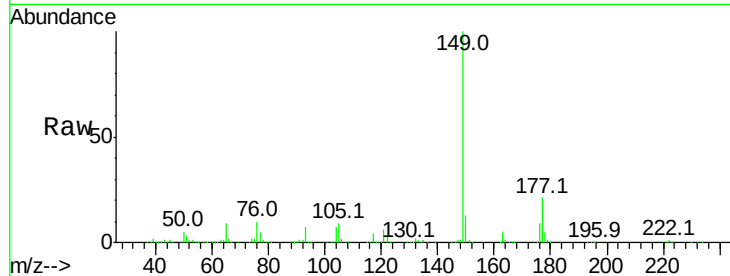




#59
Diethylphthalate
Concen: 43.76 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

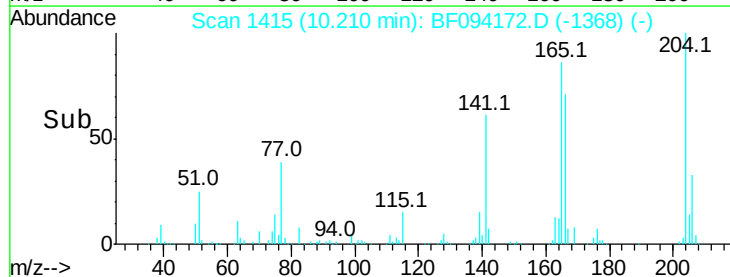
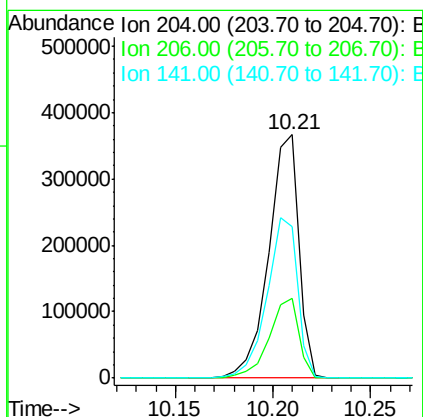
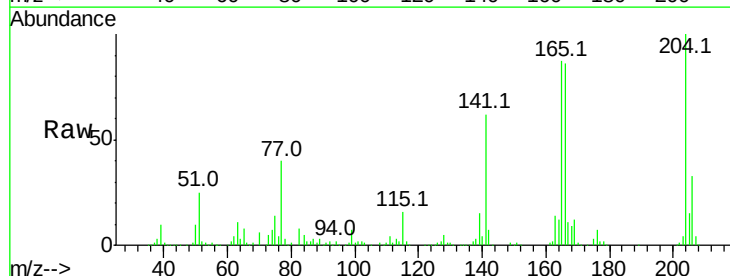
Instrument :
BNA_F
ClientSampleId :
PB98028BSD

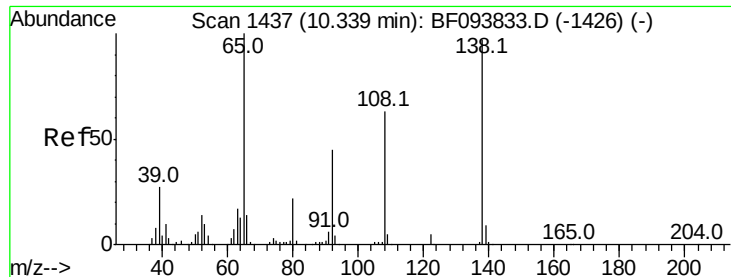
Tot Ion:149 Resp: 1016066
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.51 ng
RT: 10.21 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion:204 Resp: 394268
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 62.1 60.8 91.2

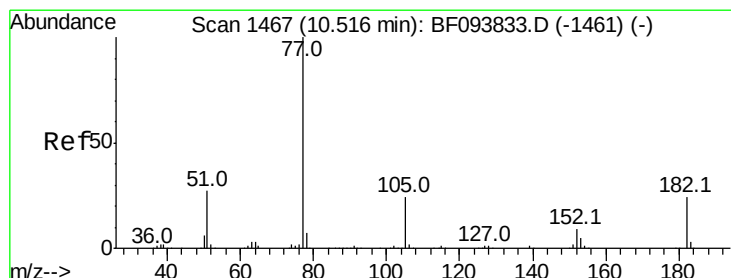
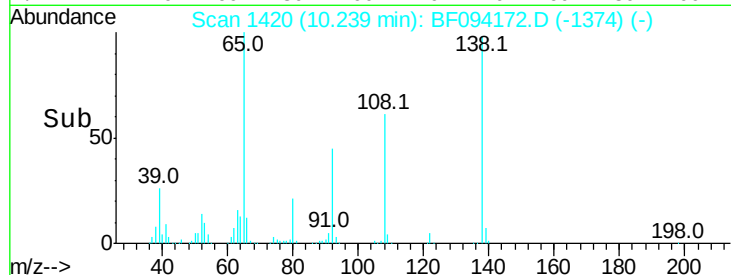
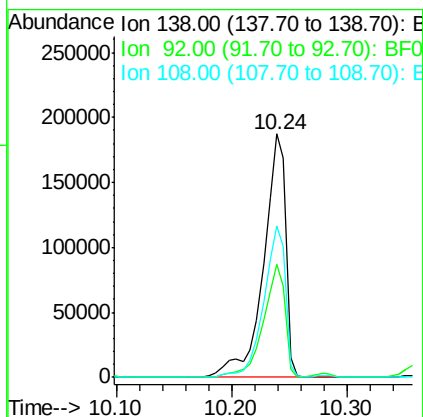
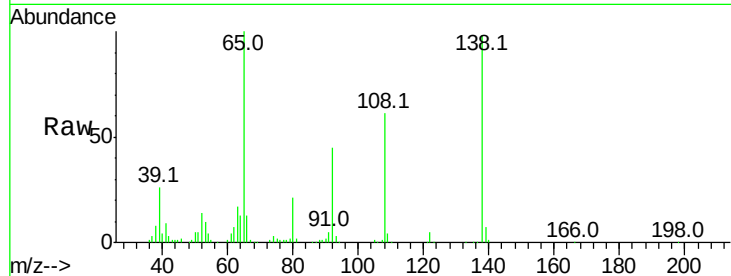




#61
4-Nitroaniline
Concen: 41.85 ng
RT: 10.24 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

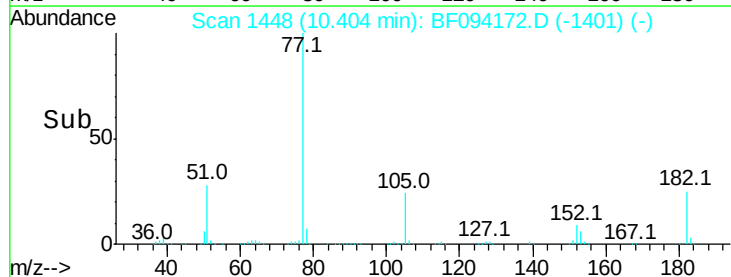
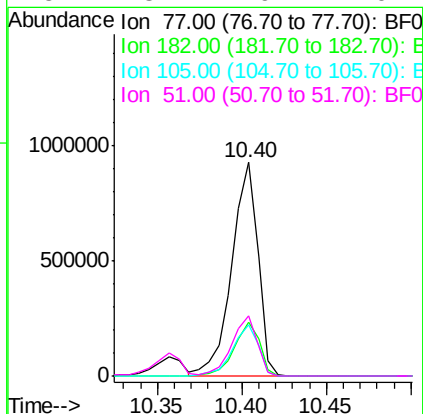
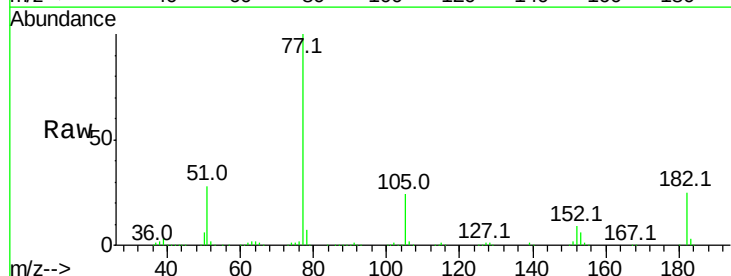
Instrument :
BNA_F
ClientSampleId :
PB98028BSD

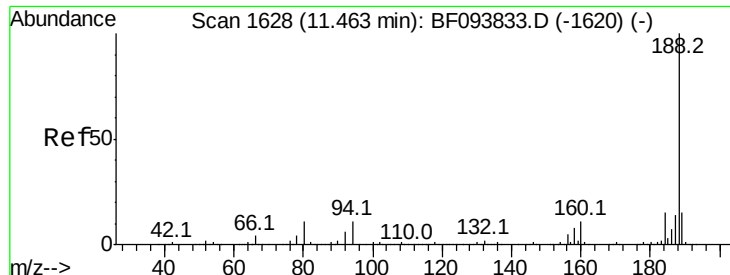
Tot Ion:138 Resp: 254012
Ion Ratio Lower Upper
138 100
92 46.2 21.8 61.8
108 62.4 42.3 82.3



#62
Azobenzene
Concen: 45.06 ng
RT: 10.40 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion: 77 Resp: 989895
Ion Ratio Lower Upper
77 100
182 25.1 0.1 40.1
105 23.7 3.6 43.6
51 28.4 9.4 49.4

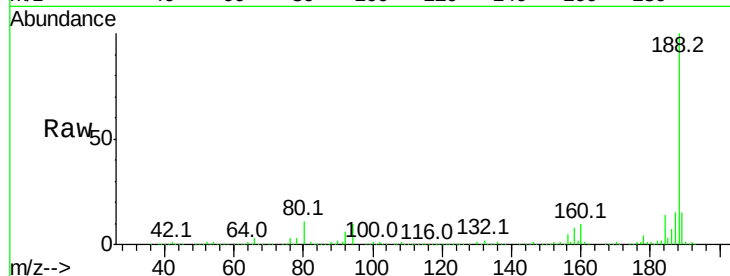




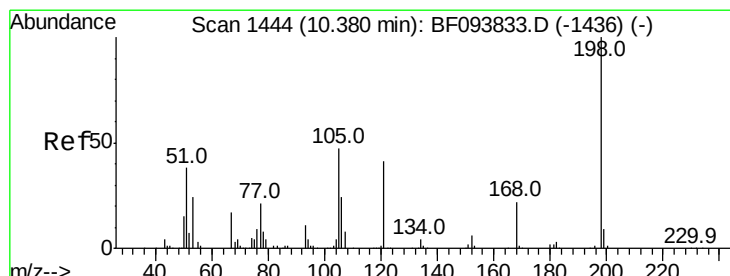
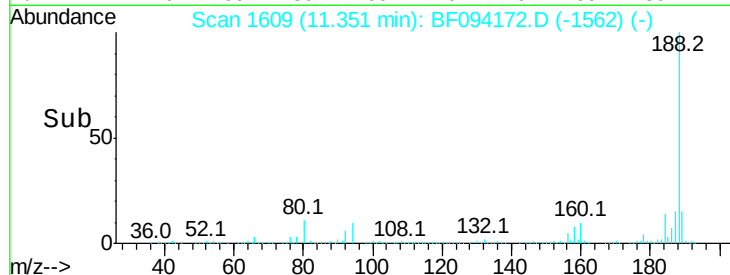
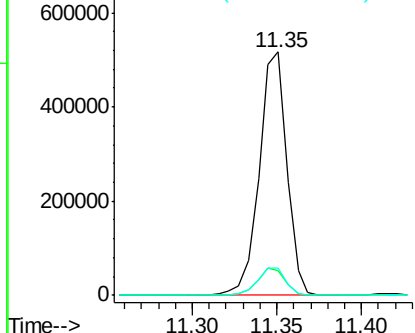
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

Tot Ion:188 Resp: 587298
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 11.1 10.2 15.2

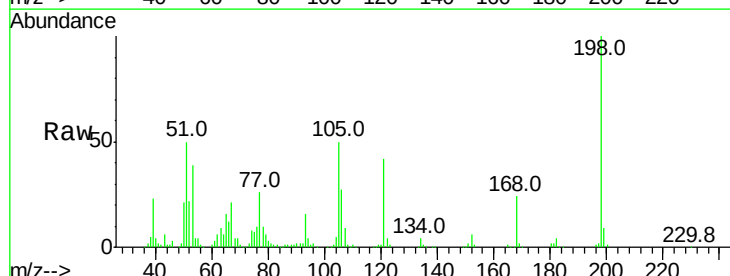


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

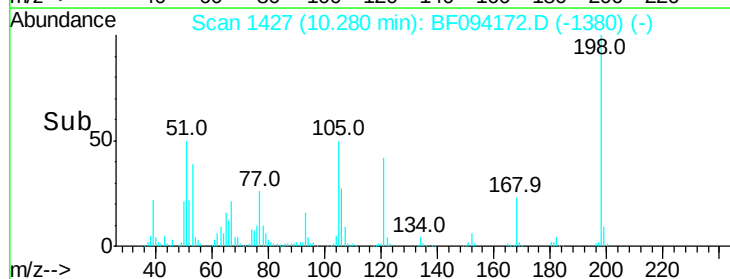
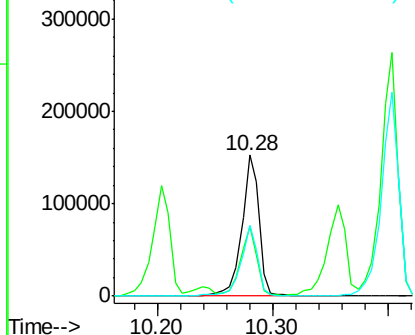


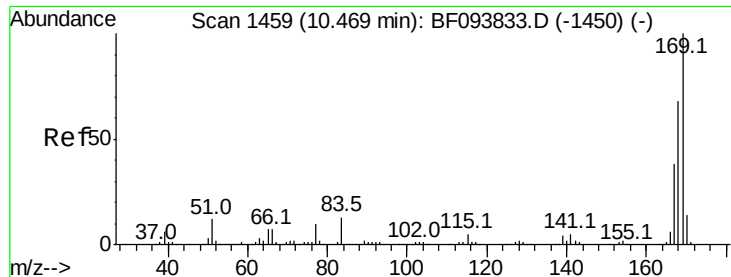
#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.89 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:198 Resp: 157858
 Ion Ratio Lower Upper
 198 100
 51 49.6 53.2 93.2#
 105 50.0 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

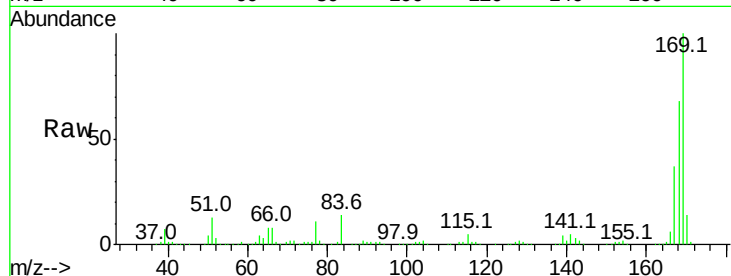




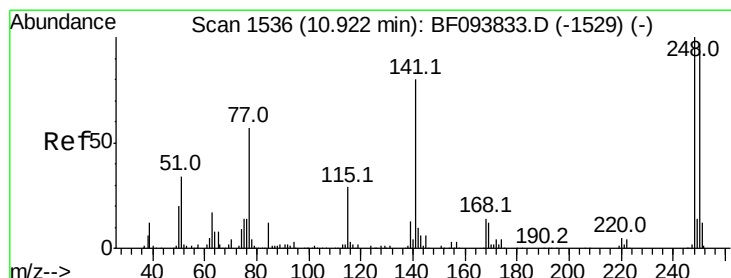
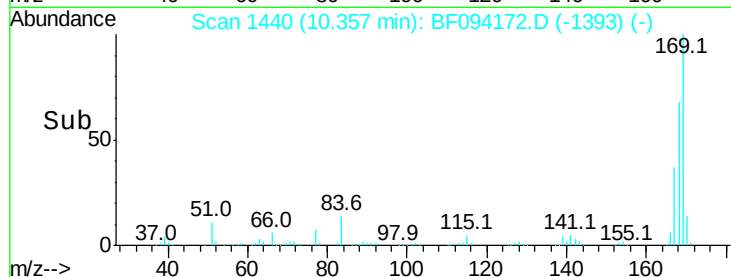
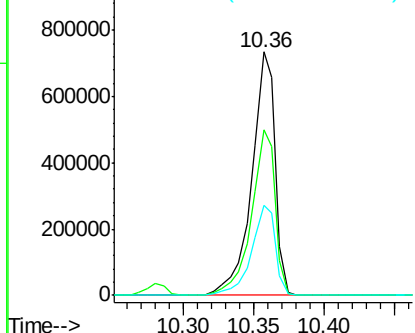
#65
 n-Nitrosodiphenylamine
 Concen: 42.17 ng
 RT: 10.36 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

Tot Ion:169 Resp: 856570
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.2 79.8
 167 36.8 29.5 44.3

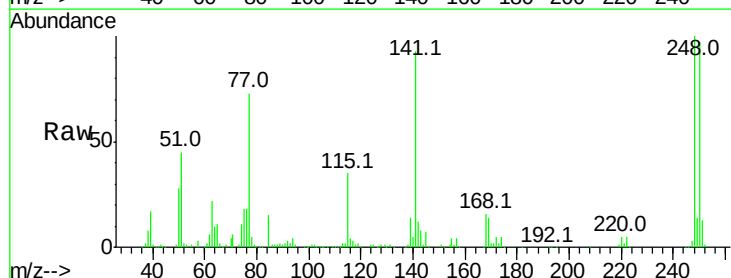


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

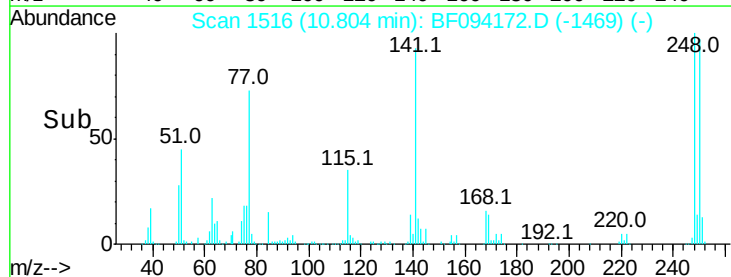
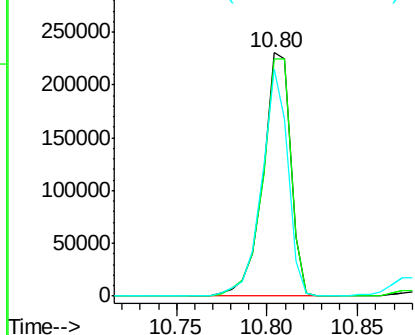


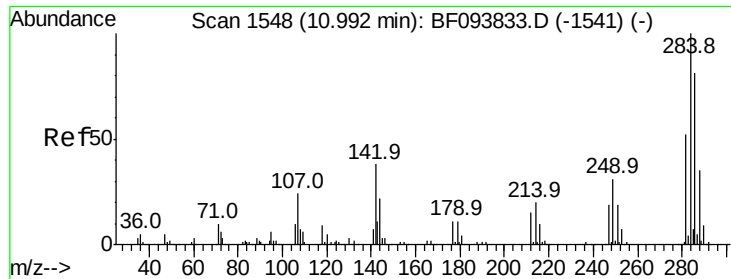
#66
 4-Bromophenyl-phenylether
 Concen: 42.69 ng
 RT: 10.80 min Scan# 1516
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:248 Resp: 246565
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.8 115.2
 141 93.4 68.6 103.0



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

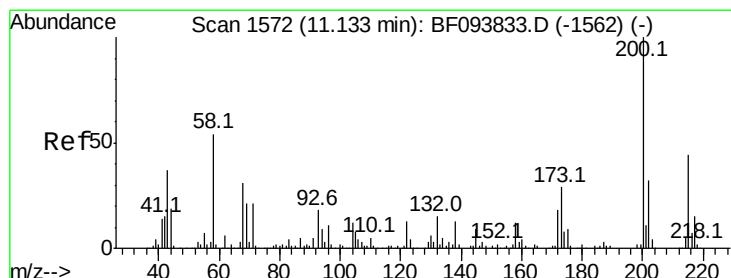
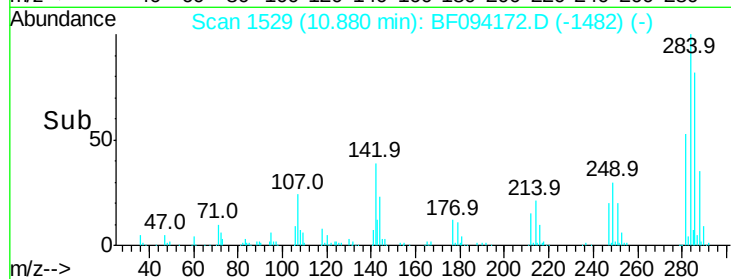
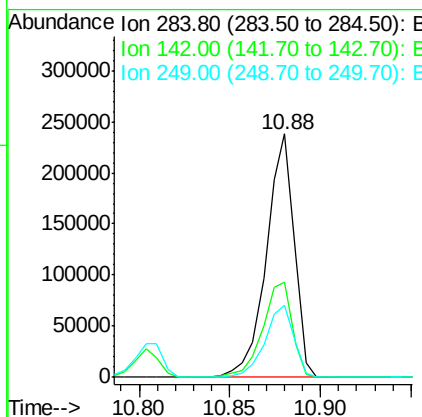
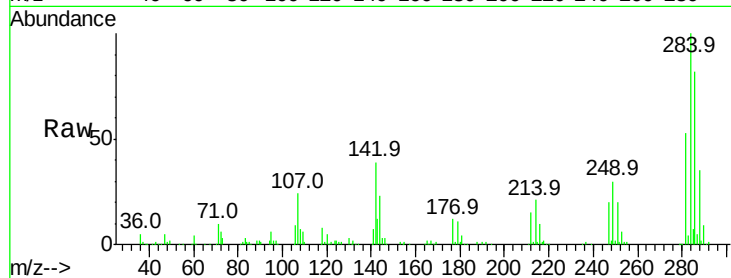




#67
Hexachlorobenzene
Concen: 43.24 ng
RT: 10.88 min Scan# 1529
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

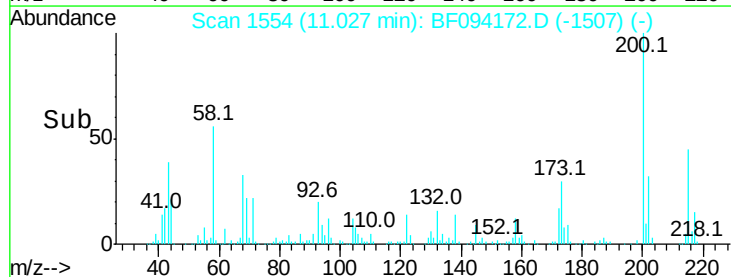
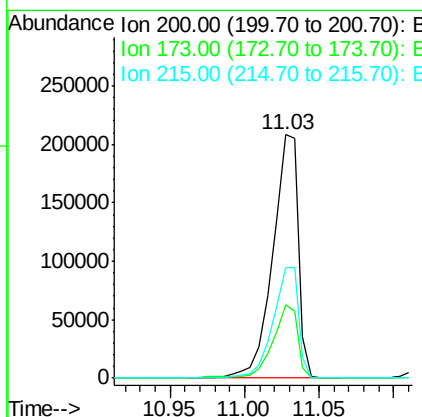
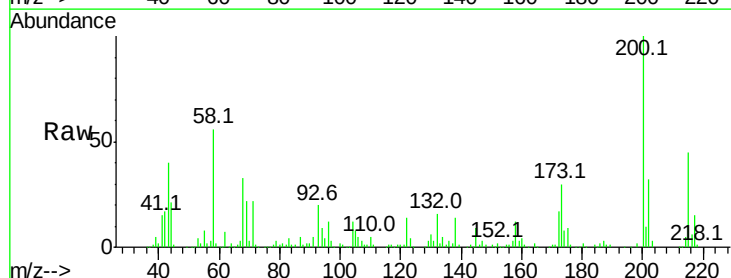
Instrument :
BNA_F
ClientSampleId :
PB98028BSD

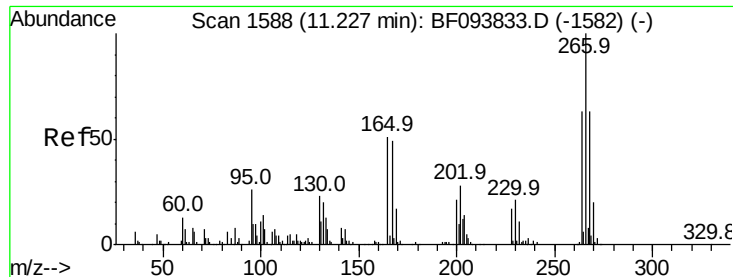
Tot Ion:284 Resp: 252819
Ion Ratio Lower Upper
284 100
142 38.9 22.8 34.2#
249 29.9 24.0 36.0



#68
Atrazine
Concen: 40.92 ng
RT: 11.03 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion:200 Resp: 248940
Ion Ratio Lower Upper
200 100
173 29.9 6.3 46.3
215 45.4 27.2 67.2

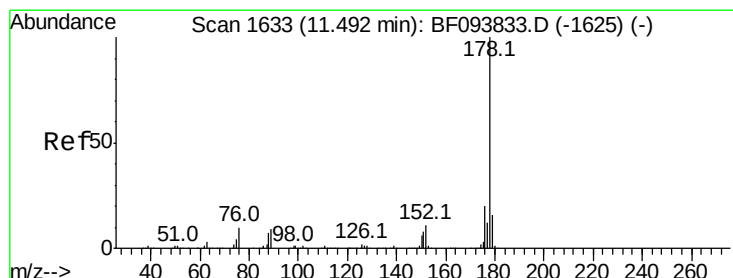
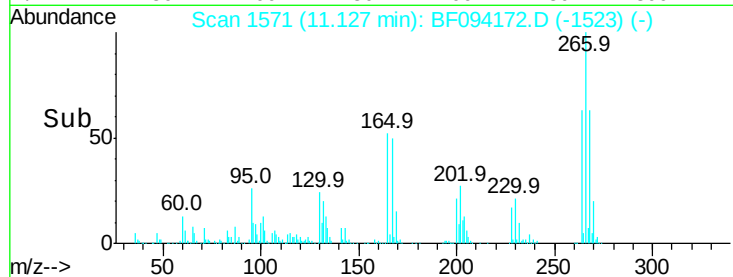
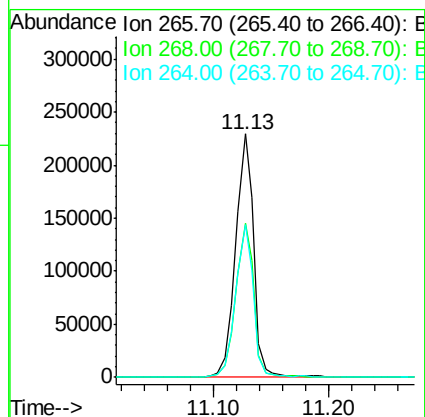
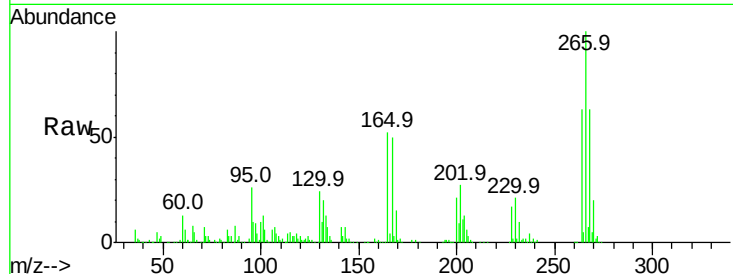




#69
 Pentachlorophenol
 Concen: 68.40 ng
 RT: 11.13 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

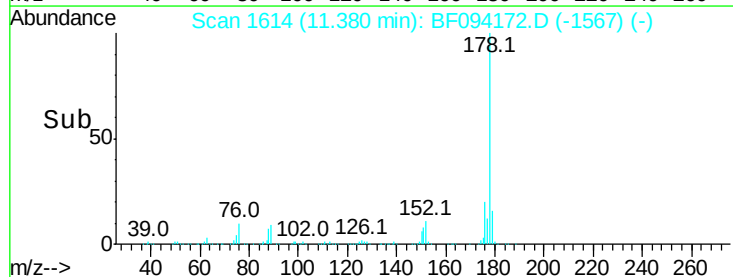
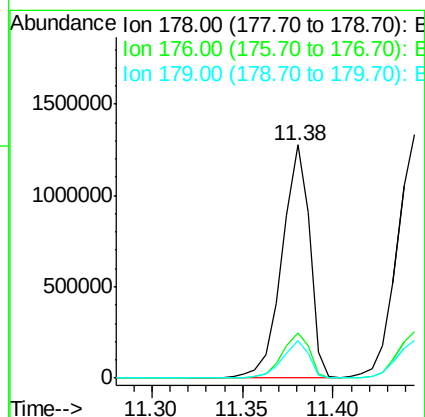
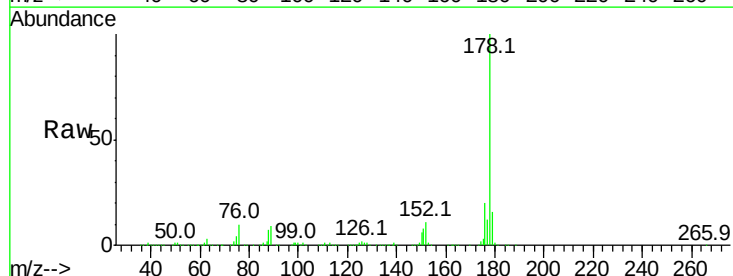
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

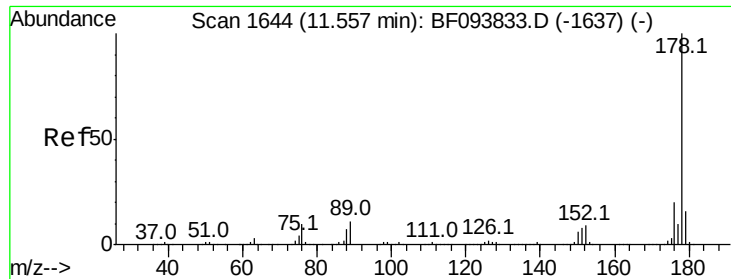
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	62.6	51.7	77.5



#70
 Phenanthrene
 Concen: 41.56 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	16.1	12.6	19.0

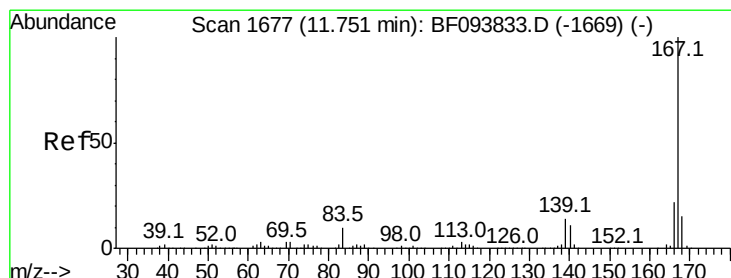
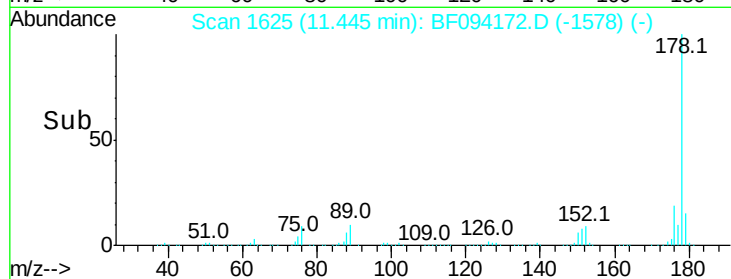
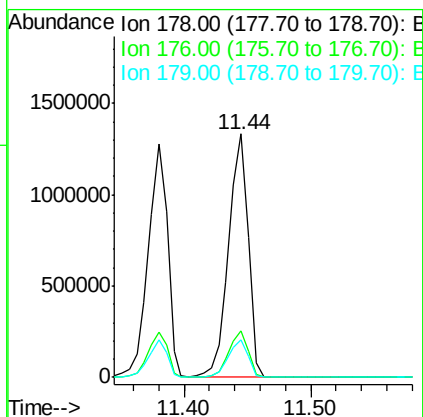
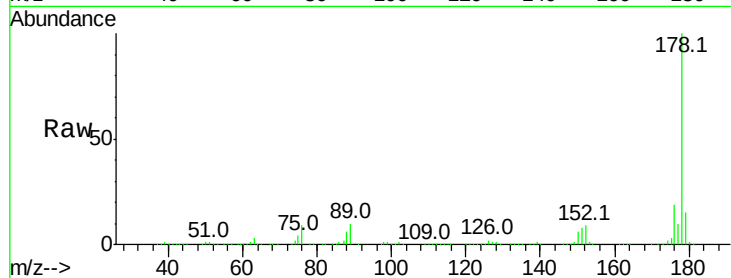




#71
 Anthracene
 Concen: 42.27 ng
 RT: 11.44 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

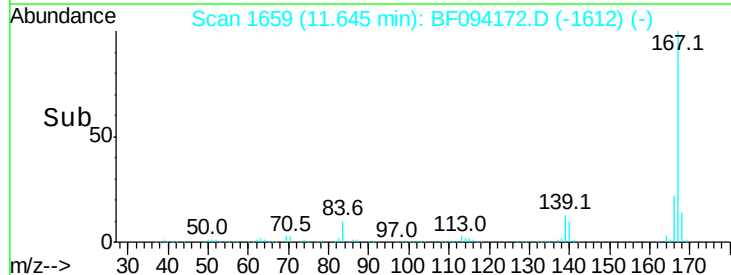
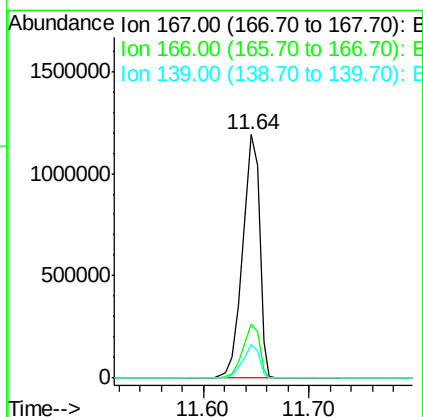
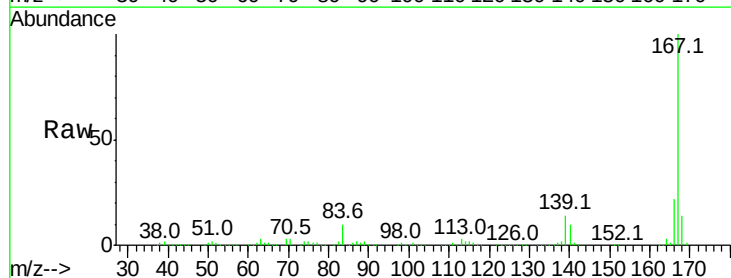
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

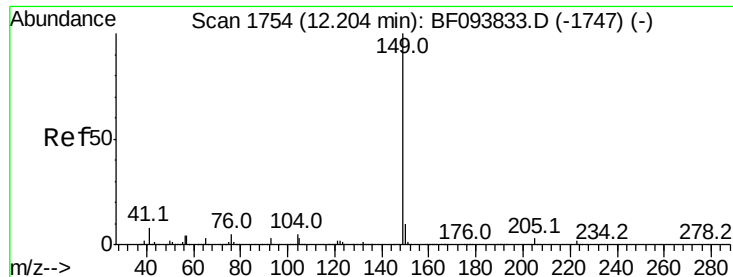
Tot Ion:178 Resp: 1421744
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 38.08 ng
 RT: 11.64 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:167 Resp: 1313685
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.78 ng

RT: 12.10 min Scan# 1736

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

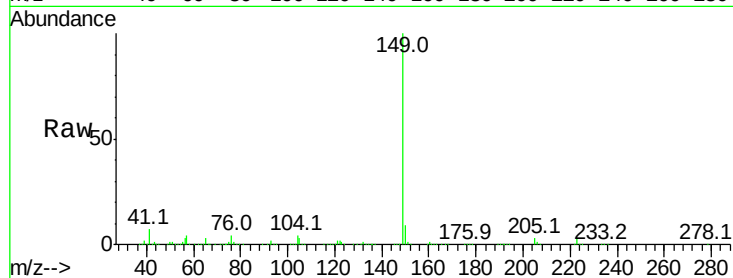
Tot Ion:149 Resp: 1570359

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

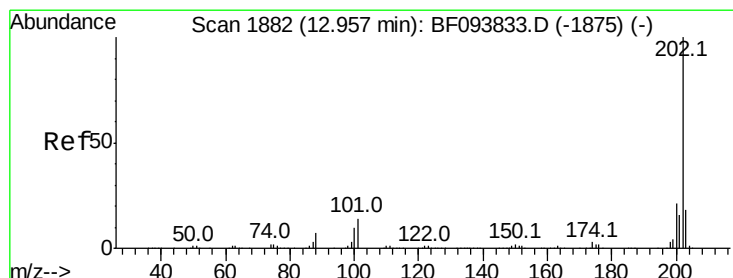
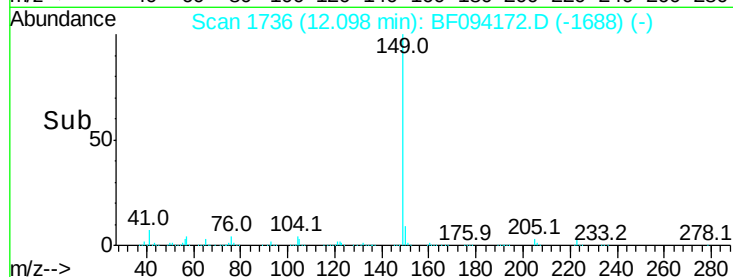
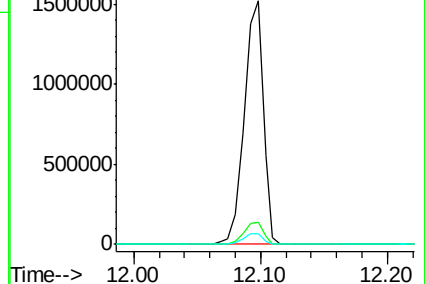
104 4.5 4.0 6.0



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: 42.01 ng

RT: 12.84 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

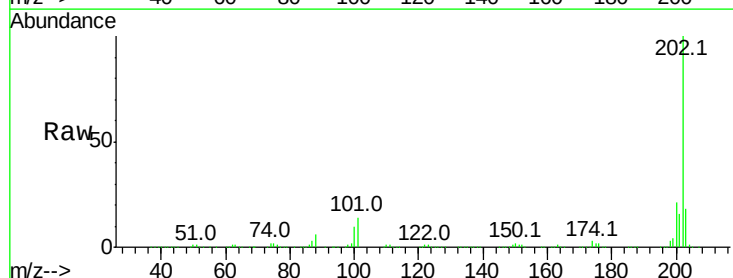
Tgt Ion:202 Resp: 1405408

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

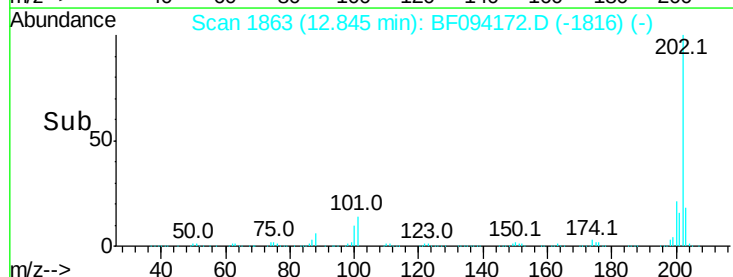
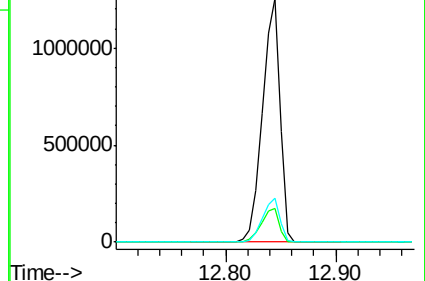
203 18.0 0.0 38.1

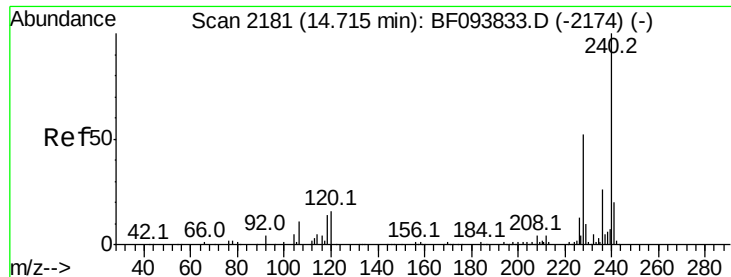


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.60 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

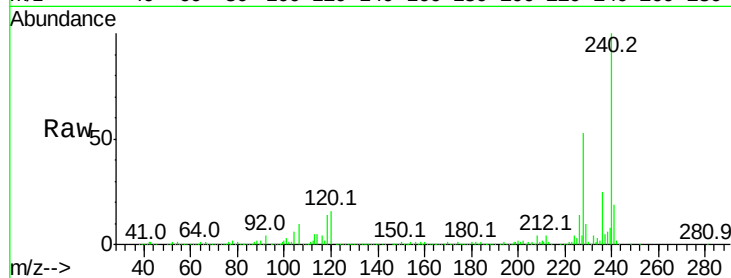
Tot Ion:240 Resp: 460792

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

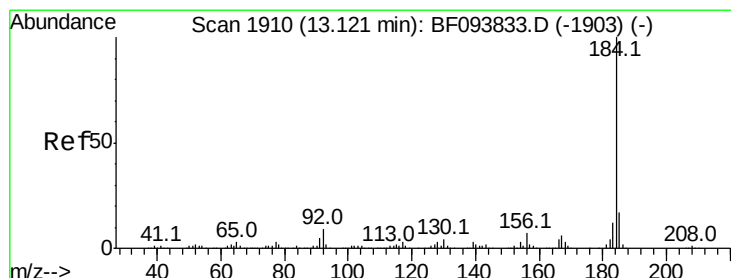
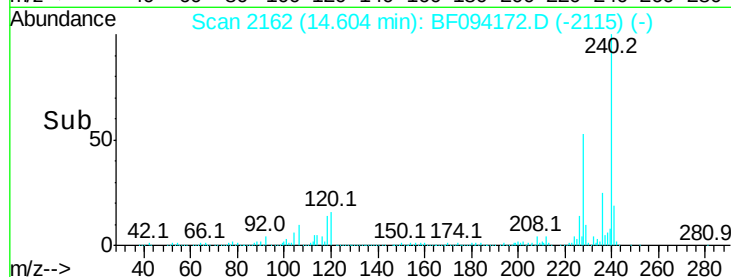
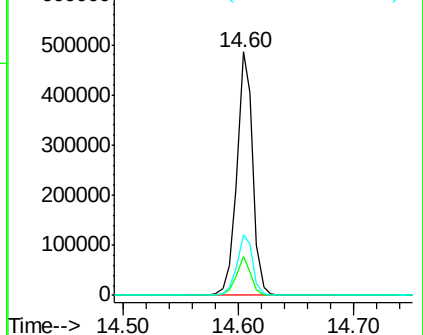
236 24.8 20.5 30.7



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: 13.54 ng

RT: 13.01 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

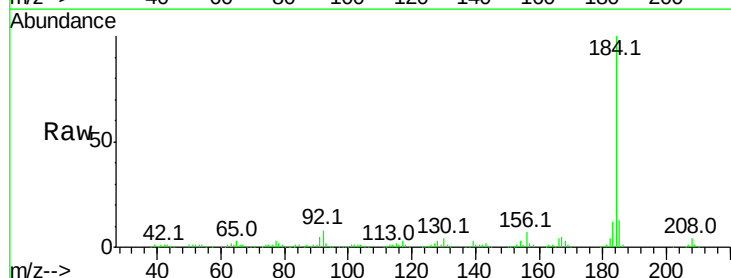
Tgt Ion:184 Resp: 246963

Ion Ratio Lower Upper

184 100

185 13.3 15.5 23.3#

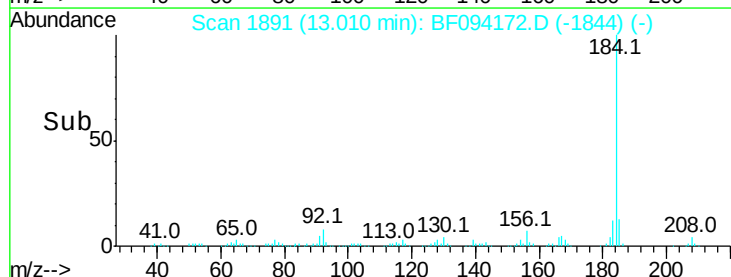
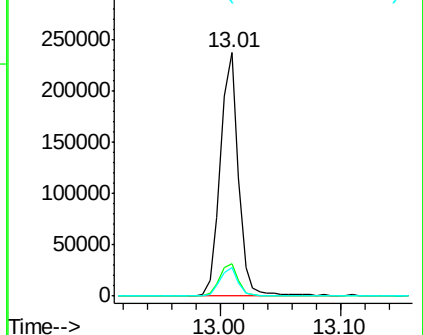
183 12.0 9.8 14.6

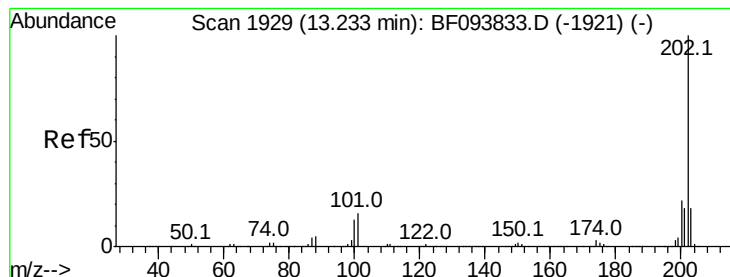


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.32 ng

RT: 13.12 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

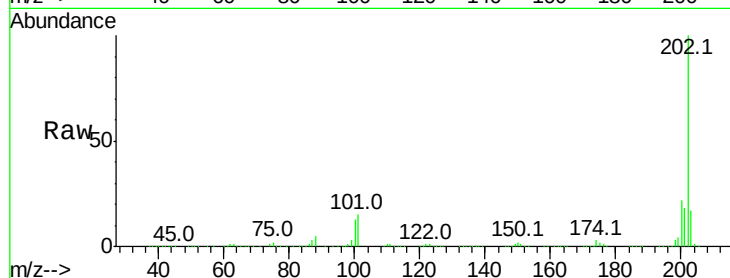
Tot Ion:202 Resp: 1415330

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

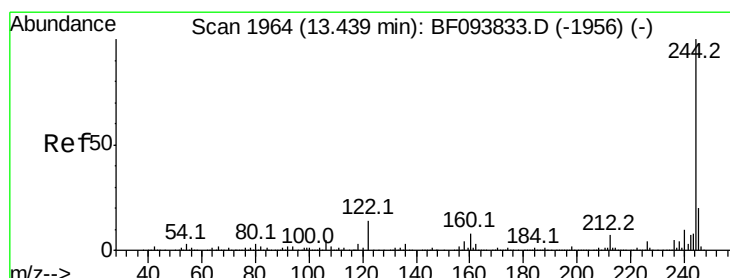
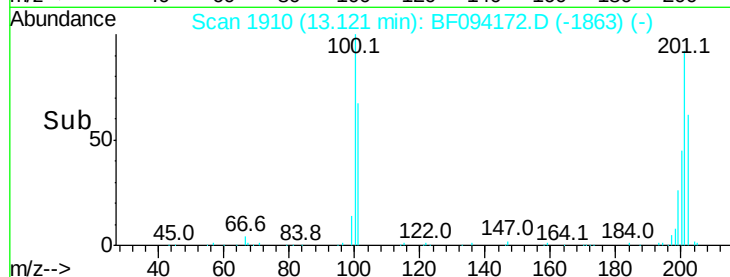
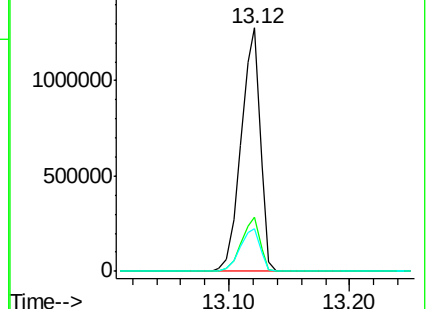
203 17.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.93 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

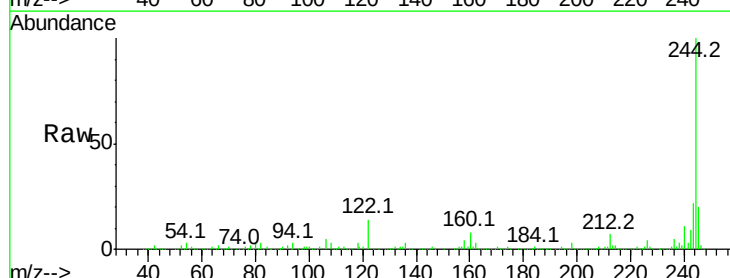
Tgt Ion:244 Resp: 1519771

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

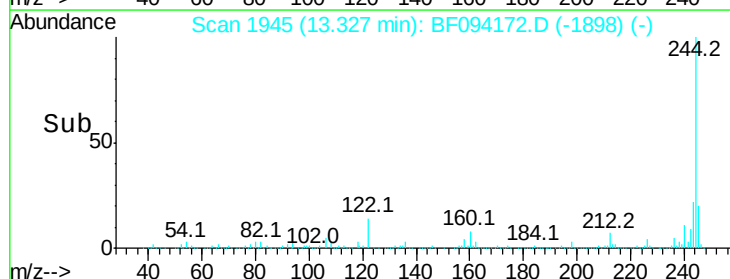
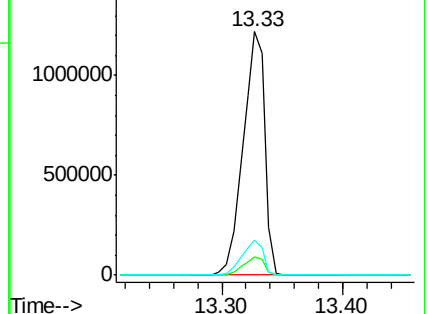
122 14.3 10.3 15.5

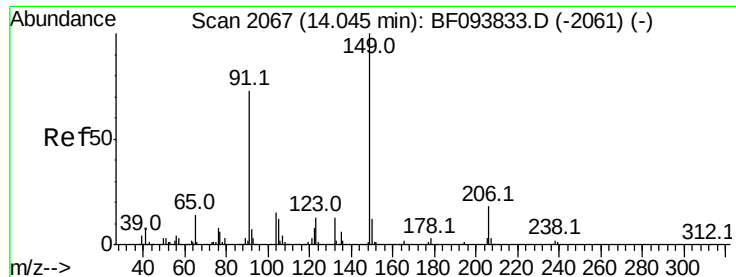


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.56 ng

RT: 13.94 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

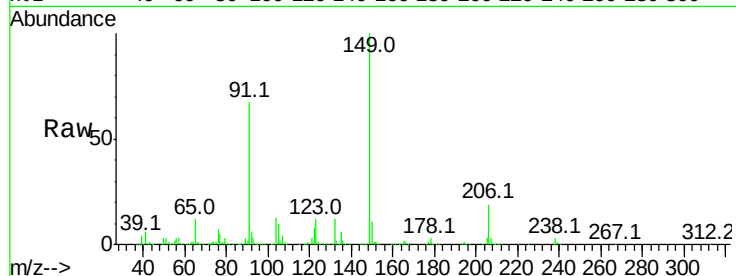
Tot Ion:149 Resp: 677640

Ion Ratio Lower Upper

149 100

91 67.1 45.0 67.4

206 18.8 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

800000

600000

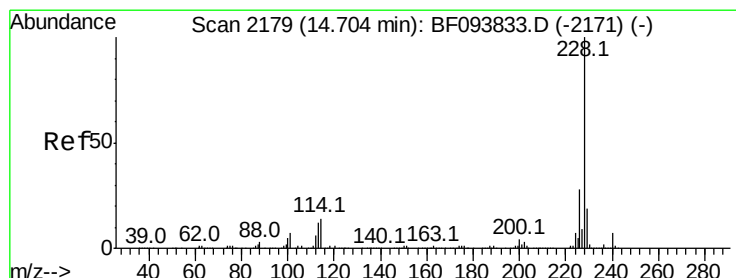
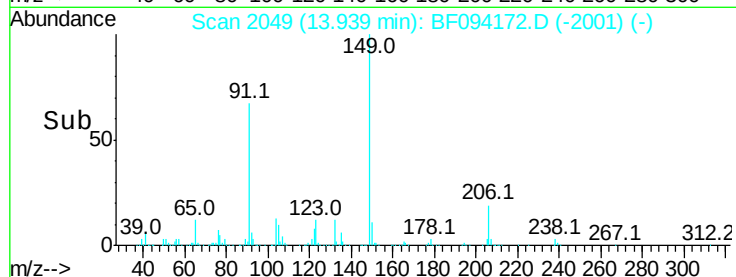
400000

200000

0

13.85 13.90 13.95 14.00

Time-->



#80

Benzo(a)anthracene

Concen: 42.68 ng

RT: 14.59 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

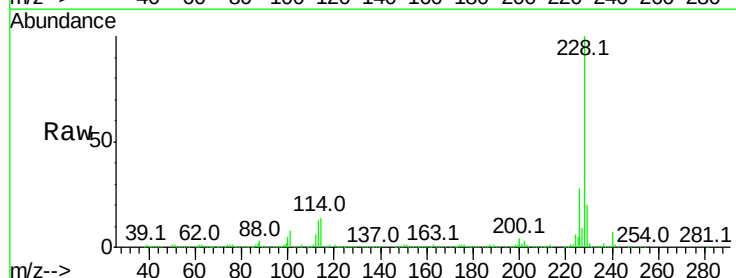
Tgt Ion:228 Resp: 1146951

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

229 19.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

1200000

1000000

800000

600000

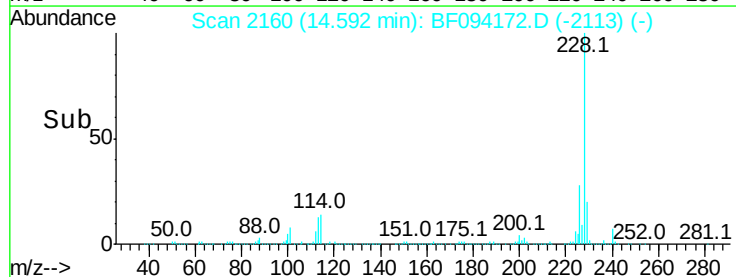
400000

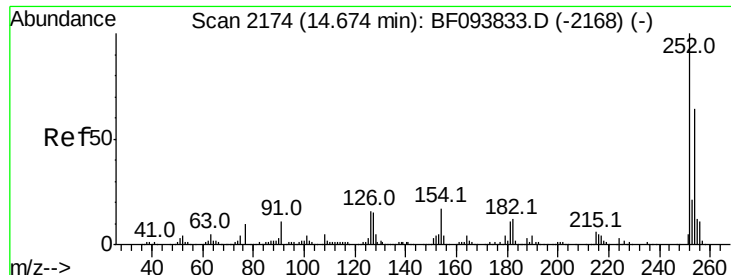
200000

0

14.55 14.60

Time-->

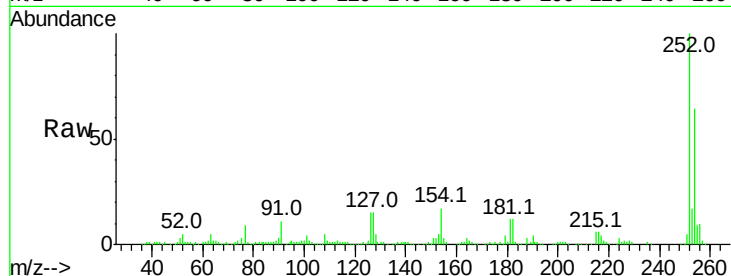




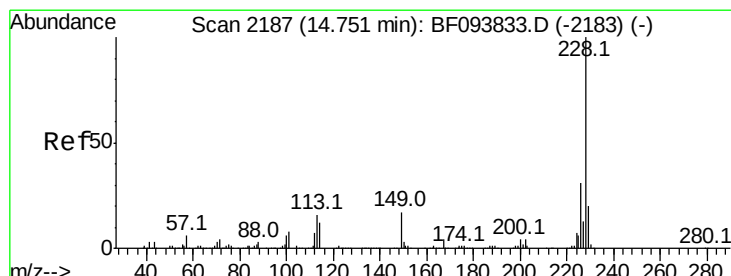
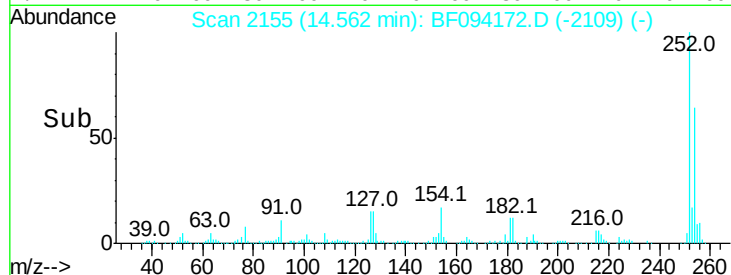
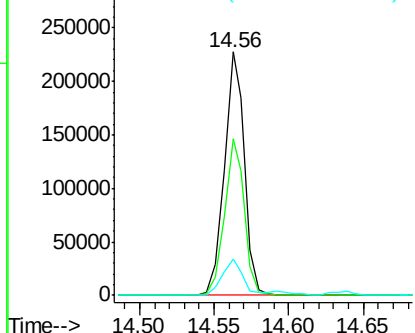
#81
 3,3'-Dichlorobenzidine
 Concen: 22.57 ng
 RT: 14.56 min Scan# 2155
 Delta R.T. -0.03 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

Tot Ion:252 Resp: 216810
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.5 77.3
 126 15.1 15.8 23.8#

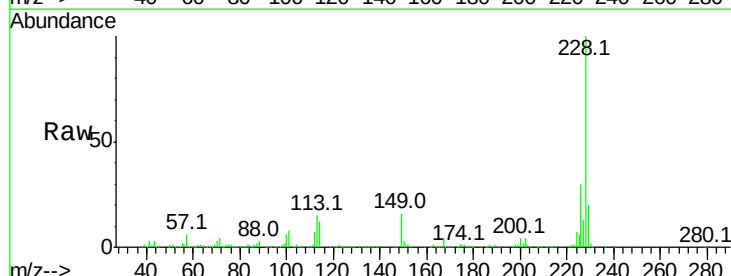


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

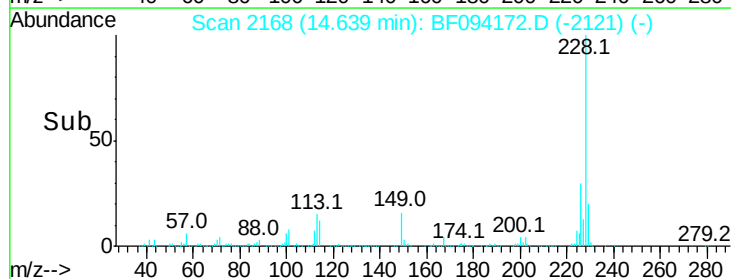
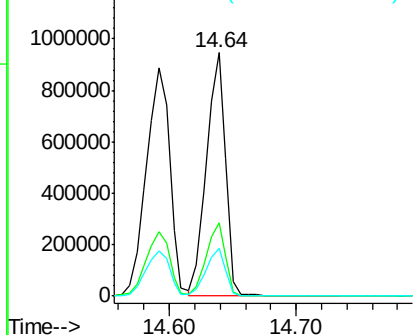


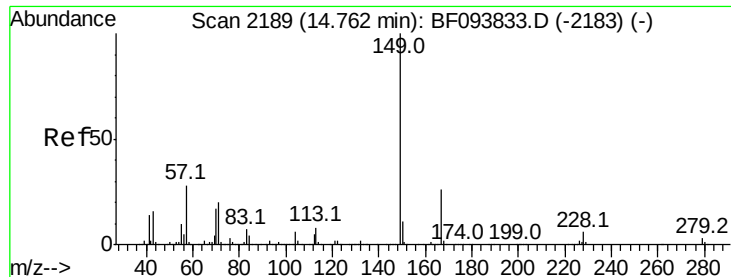
#82
 Chrysene
 Concen: 40.24 ng
 RT: 14.64 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:228 Resp: 1003448
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 19.8 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.74 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

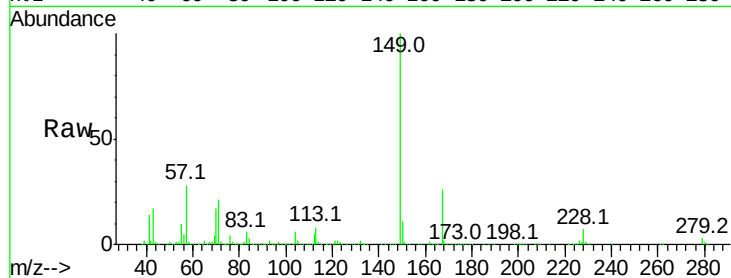
Tot Ion:149 Resp: 908592

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

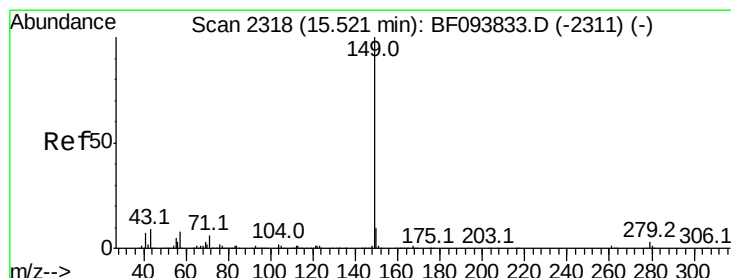
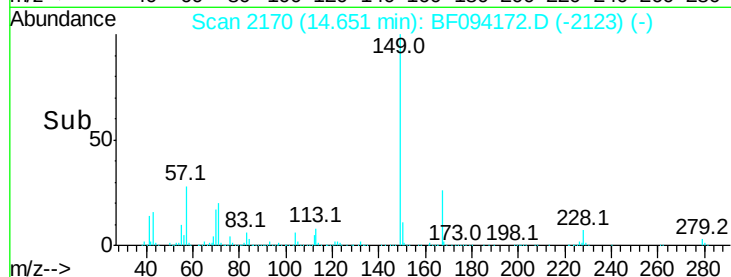
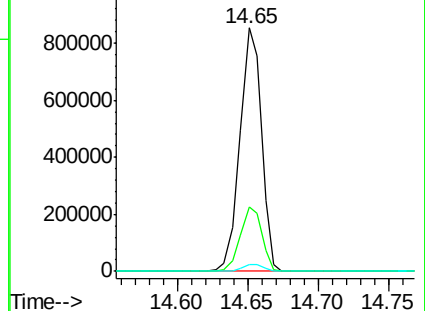
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.15 ng

RT: 15.41 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

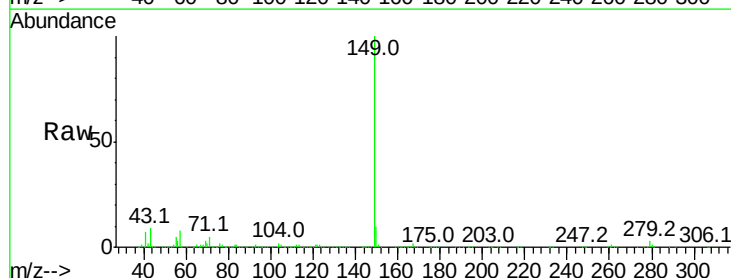
Tgt Ion:149 Resp: 1498901

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

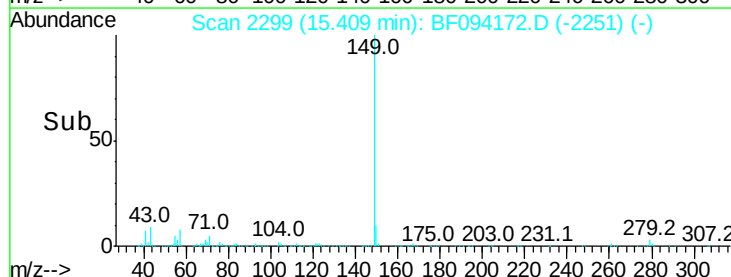
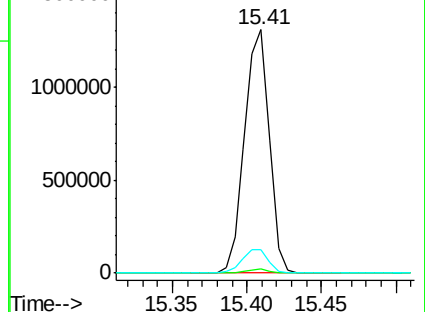
43 9.7 8.5 12.7

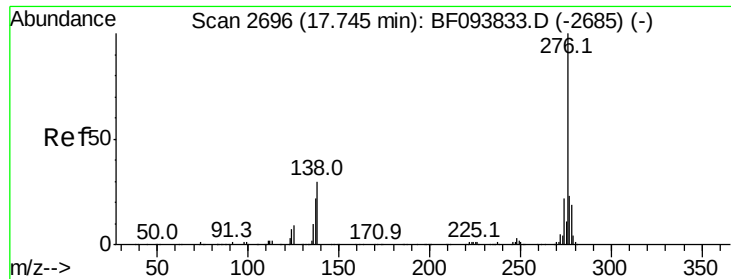


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

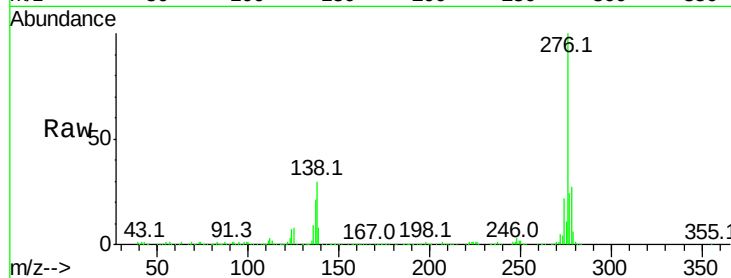




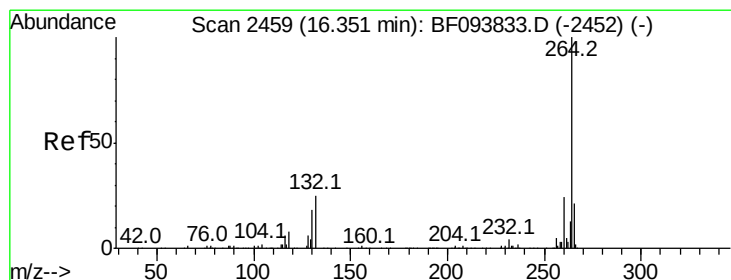
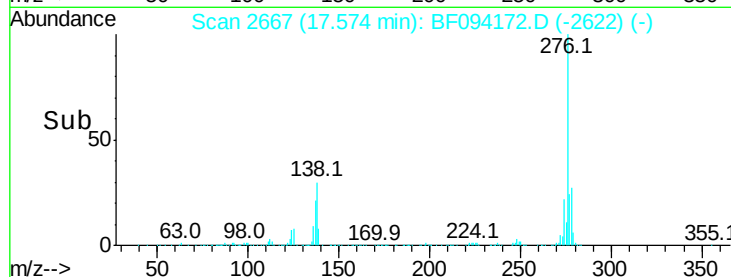
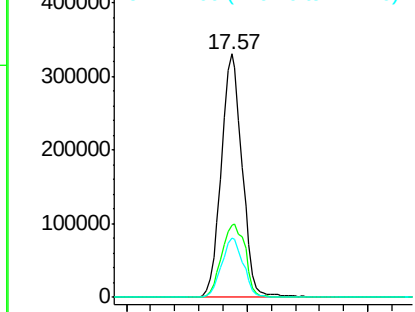
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.76 ng
 RT: 17.57 min Scan# 2667
 Delta R.T. -0.04 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BSD

Tot Ion:276 Resp: 793912
 Ion Ratio Lower Upper
 276 100
 138 34.7 27.8 41.6
 277 25.1 20.2 30.4

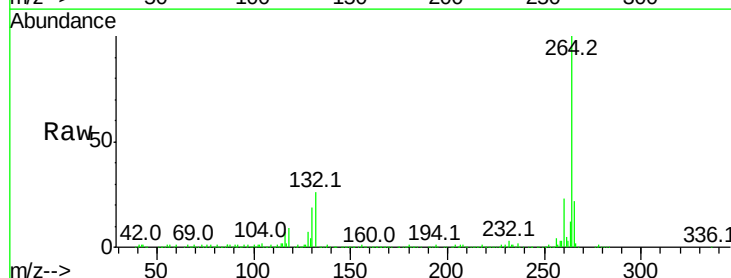


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

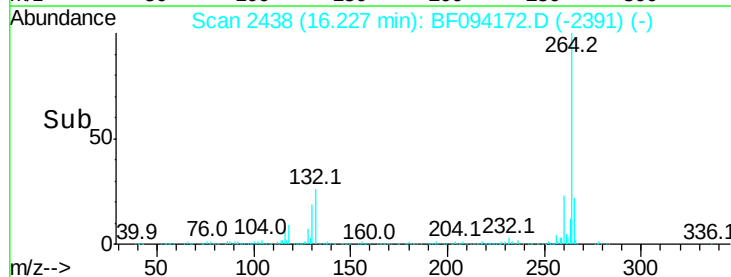
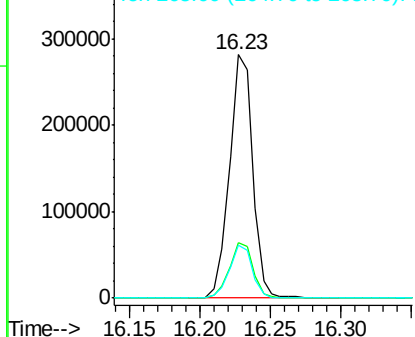


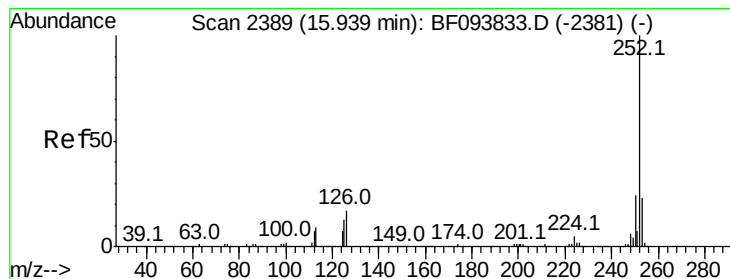
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BF094172.D
 Acq: 4 Apr 2017 17:35

Tgt Ion:264 Resp: 323870
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.6 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 45.11 ng

RT: 15.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

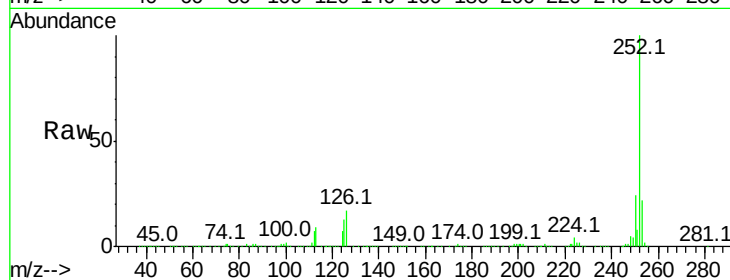
Tot Ion:252 Resp: 895462

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

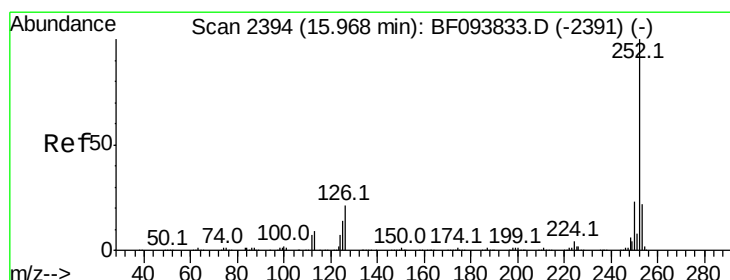
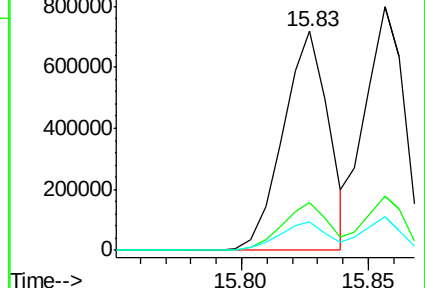
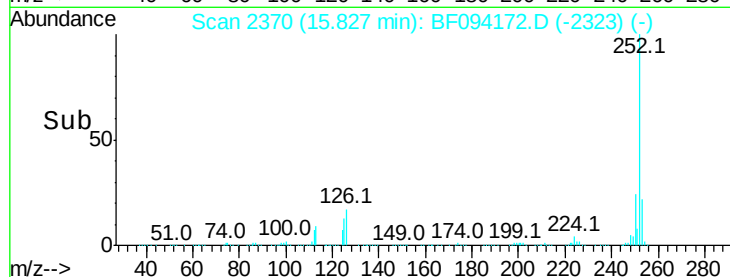
125 13.0 9.8 14.8



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: 44.64 ng

RT: 15.86 min Scan# 2375

Delta R.T. -0.02 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

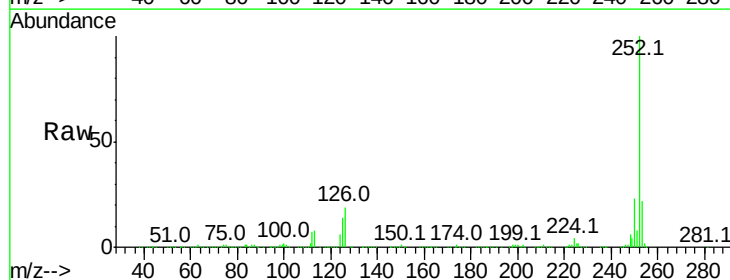
Tgt Ion:252 Resp: 867112

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

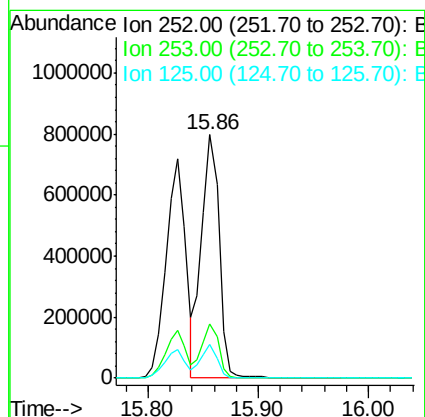
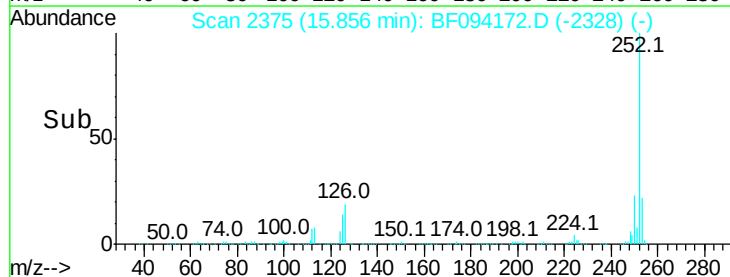
125 13.7 13.1 19.7

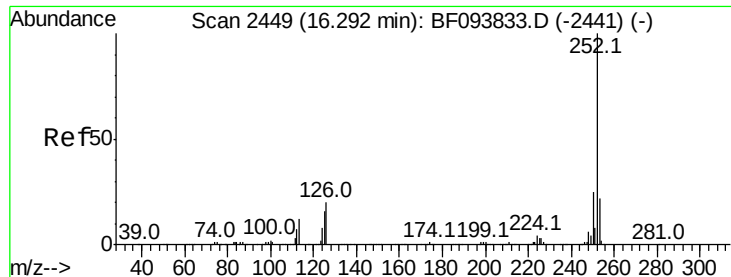


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

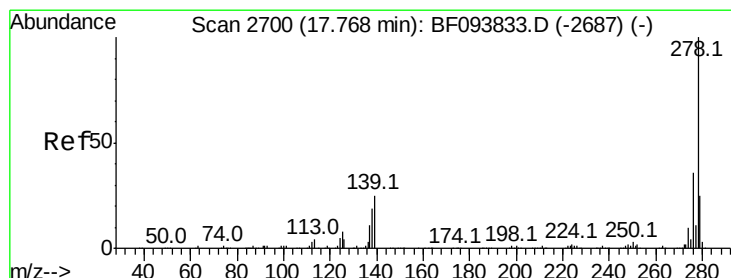
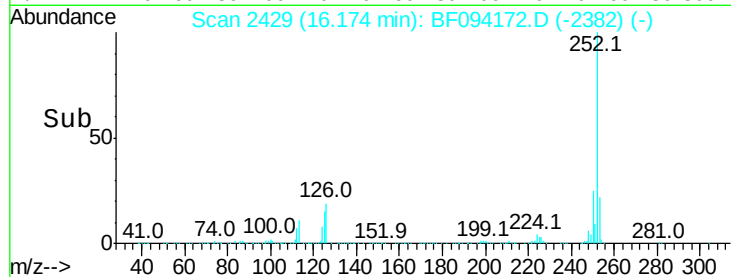
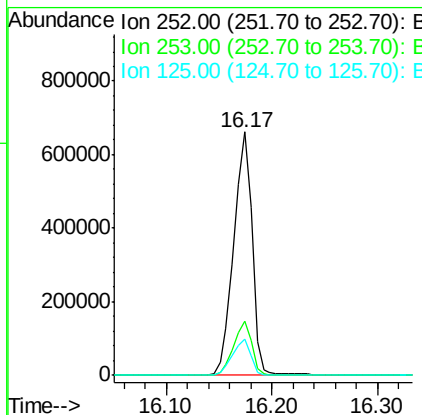
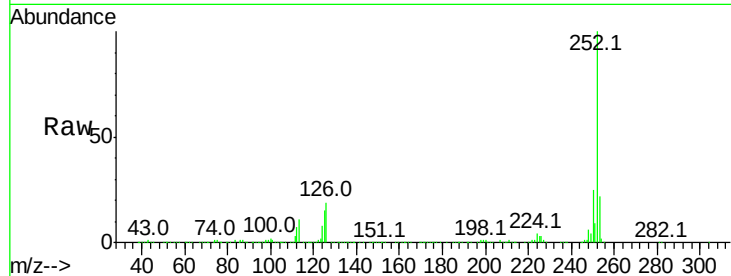




#89
Benzo(a)pyrene
Concen: 43.47 ng
RT: 16.17 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

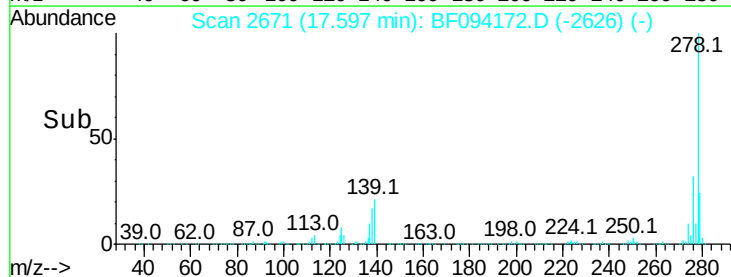
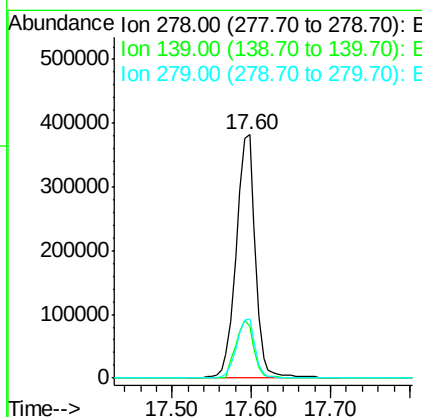
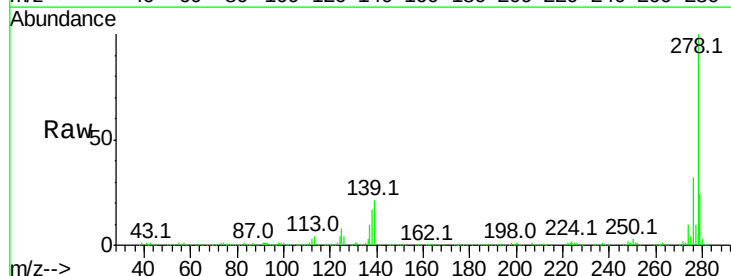
Instrument :
BNA_F
ClientSampleId :
PB98028BSD

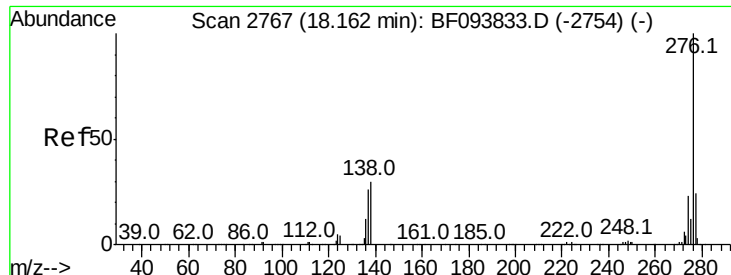
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.0	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 41.39 ng
RT: 17.60 min Scan# 2671
Delta R.T. -0.04 min
Lab File: BF094172.D
Acq: 4 Apr 2017 17:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.6	24.8
279	24.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 43.01 ng

RT: 17.97 min Scan# 2735

Delta R.T. -0.04 min

Lab File: BF094172.D

Acq: 4 Apr 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB98028BSD

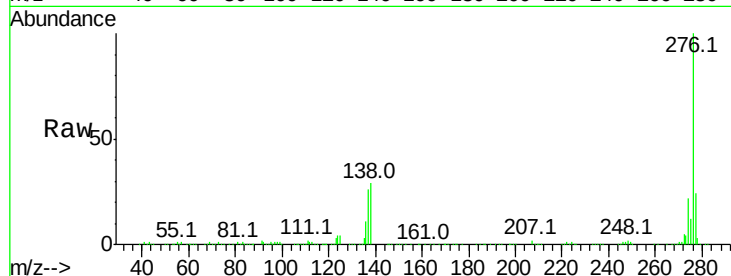
Tot Ion:276 Resp: 671134

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 29.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

