

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094023.D
 Acq On : 29 Mar 2017 17:27
 Operator : SJ/MA
 Sample : PB97900BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Quant Time: Mar 30 01:08:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	149144	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	602786	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	274475	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	491703	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	402953	20.00	ng	-0.04
86) Perylene-d12	16.27	264	298471	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	4.46	112	1141390	129.26	ng	-0.02
7) Phenol-d6	5.53	99	1440870	131.90	ng	-0.02
23) Nitrobenzene-d5	6.57	82	877750	83.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	320544	147.79	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1626551	90.39	ng	-0.03
78) Terphenyl-d14	13.37	244	1414640	78.69	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	141930	33.46	ng	98
3) Pyridine	2.80	79	415181	35.91	ng	98
4) n-Nitrosodimethylamine	2.76	42	202812	42.63	ng	90
6) Aniline	5.55	93	455090	29.95	ng	# 59
8) 2-Chlorophenol	5.69	128	447719	46.13	ng	96
9) Benzaldehyde	5.41	77	85671	11.61	ng	99
10) Phenol	5.54	94	534953	43.03	ng	89
11) bis(2-Chloroethyl)ether	5.63	93	418239	43.05	ng	98
12) 1,3-Dichlorobenzene	5.86	146	475387	43.66	ng	99
13) 1,4-Dichlorobenzene	5.94	146	479296	43.47	ng	95
14) 1,2-Dichlorobenzene	6.12	146	446105	43.93	ng	97
15) Benzyl Alcohol	6.09	79	372017	46.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.25	45	595229	39.76	ng	97
17) 2-Methylphenol	6.23	107	378455	45.53	ng	97
18) Hexachloroethane	6.51	117	168316	43.43	ng	# 85
19) n-Nitroso-di-n-propylamine	6.41	70	303972	43.30	ng	95
20) 3+4-Methylphenols	6.41	107	467801	46.47	ng	# 64
22) Acetophenone	6.39	105	621217	46.24	ng	# 88
24) Nitrobenzene	6.59	77	457921	43.96	ng	95
25) Isophorone	6.89	82	833262	44.90	ng	95
26) 2-Nitrophenol	6.97	139	251771	50.68	ng	97
27) 2,4-Dimethylphenol	7.03	122	413857	48.35	ng	99
28) bis(2-Chloroethoxy)methane	7.15	93	534250	43.65	ng	99
29) 2,4-Dichlorophenol	7.26	162	387286	48.39	ng	98
30) 1,2,4-Trichlorobenzene	7.36	180	376368	45.66	ng	99
31) Naphthalene	7.45	128	1270075	43.82	ng	99
32) Benzoic acid	7.19	122	263102	46.17	ng	96
33) 4-Chloroaniline	7.52	127	256617	21.85	ng	# 94
34) Hexachlorobutadiene	7.61	225	188758	44.65	ng	98
35) Caprolactam	7.96	113	69242	27.13	ng	96
36) 4-Chloro-3-methylphenol	8.13	107	414392	49.55	ng	89
37) 2-Methylnaphthalene	8.29	142	886402	45.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	322334	42.93	ng	99
40) Hexachlorocyclopentadiene	8.49	237	341843	97.29	ng	100

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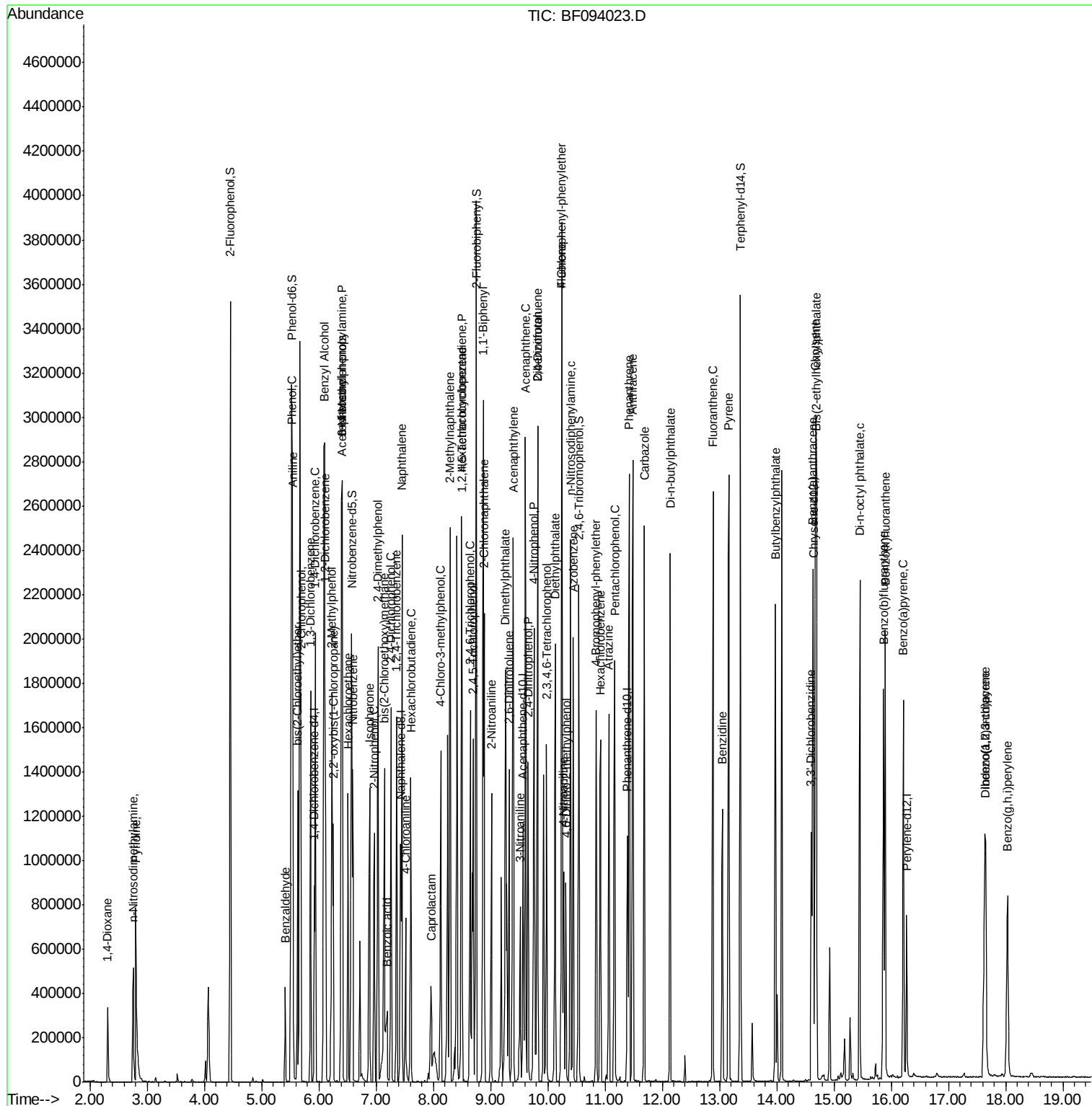
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	270127	50.85	nq	100
43) 2,4,5-Trichlorophenol	8.70	196	275608	47.95	nq	94
45) 1,1'-Biphenyl	8.87	154	1001762	45.25	nq	98
46) 2-Chloronaphthalene	8.89	162	794776	45.86	nq	96
47) 2-Nitroaniline	9.02	65	243699	47.40	nq	# 87
48) Acenaphthylene	9.40	152	1270123	44.10	nq	99
49) Dimethylphthalate	9.26	163	930684	47.70	nq	99
50) 2,6-Dinitrotoluene	9.32	165	216195	48.34	nq	# 90
51) Acenaphthene	9.61	154	748953	44.56	nq	100
52) 3-Nitroaniline	9.52	138	146391	27.87	nq	88
53) 2,4-Dinitrophenol	9.66	184	214526	89.07	nq	# 70
54) Dibenzofuran	9.83	168	1087195	47.52	nq	98
55) 4-Nitrophenol	9.76	139	373238	90.75	nq	# 68
56) 2,4-Dinitrotoluene	9.82	165	273166	48.62	nq	# 74
57) Fluorene	10.25	166	821247	43.29	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	206545	52.37	nq	97
59) Diethylphthalate	10.13	149	922287	47.83	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	352171	43.57	nq	92
61) 4-Nitroaniline	10.28	138	244213	48.46	nq	95
62) Azobenzene	10.45	77	899697	49.32	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	147357	48.93	nq	# 66
65) n-Nitrosodiphenylamine	10.40	169	789907	46.45	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	223656	46.25	nq	97
67) Hexachlorobenzene	10.92	284	232469	47.49	nq	# 90
68) Atrazine	11.07	200	240087	47.14	nq	96
69) Pentachlorophenol	11.17	266	246354	80.85	nq	97
70) Phenanthrene	11.42	178	1234991	45.15	nq	99
71) Anthracene	11.49	178	1300438	46.18	nq	98
72) Carbazole	11.69	167	1223010	42.35	nq	98
73) Di-n-butylphthalate	12.14	149	1450598	48.30	nq	99
74) Fluoranthene	12.89	202	1293927	46.20	nq	99
76) Benzidine	13.05	184	510089	31.98	nq	# 93
77) Pyrene	13.16	202	1316752	45.03	nq	99
79) Butylbenzylphthalate	13.98	149	631364	50.67	nq	88
80) Benzo(a)anthracene	14.63	228	1099214	46.78	nq	99
81) 3,3'-Dichlorobenzidine	14.60	252	233532	27.81	nq	# 97
82) Chrysene	14.68	228	934592	42.86	nq	100
83) Bis(2-ethylhexyl)phthalate	14.69	149	845480	49.74	nq	100
84) Di-n-octyl phthalate	15.45	149	1400631	49.32	nq	98
85) Indeno(1,2,3-cd)pyrene	17.63	276	736860	39.02	nq	100
87) Benzo(b)fluoranthene	15.87	252	891197	48.71	nq	99
88) Benzo(k)fluoranthene	15.90	252	830817	46.41	nq	# 95
89) Benzo(a)pyrene	16.22	252	790767	46.94	nq	98
90) Dibenzo(a,h)anthracene	17.66	278	606485	42.51	nq	98
91) Benzo(g,h,i)perylene	18.04	276	619086	43.05	nq	97

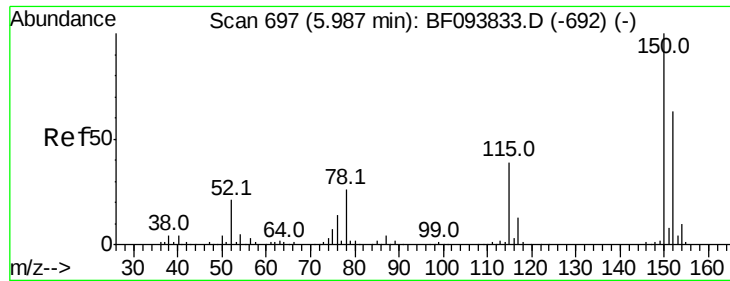
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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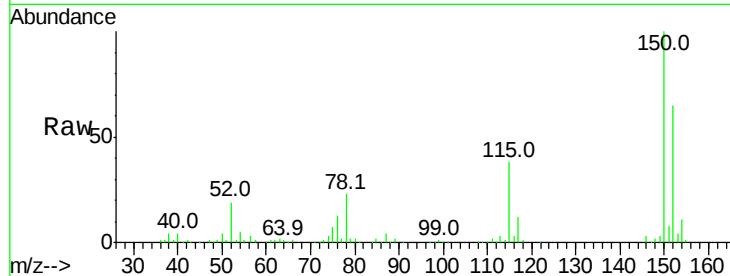


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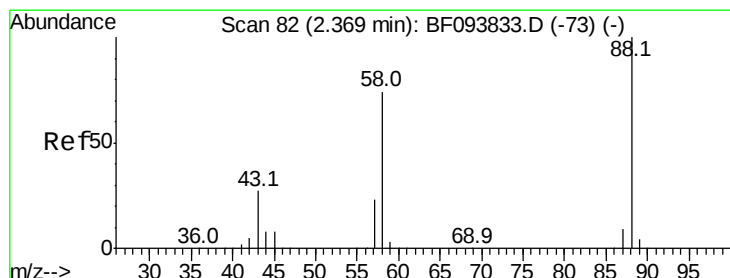
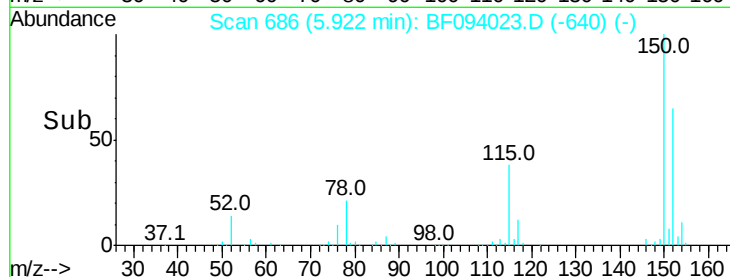
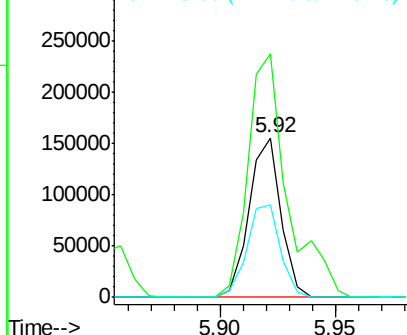
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:152 Resp: 149144
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 58.0 52.2 78.2



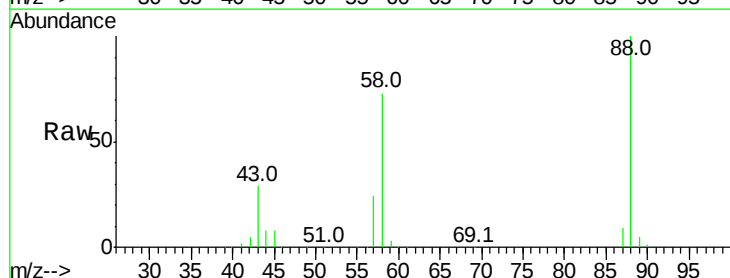
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



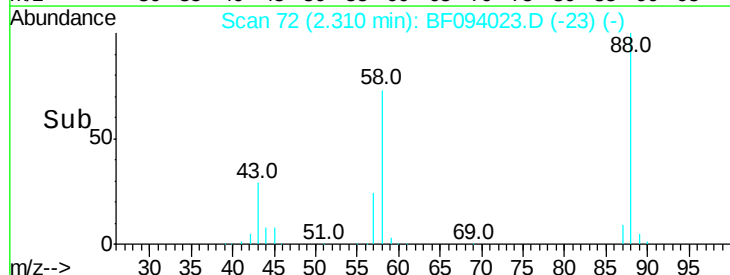
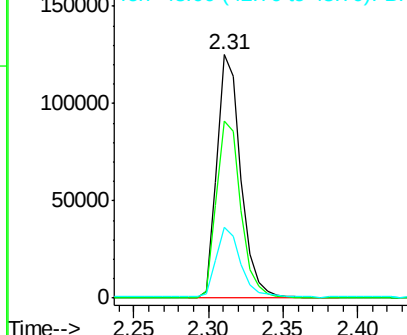
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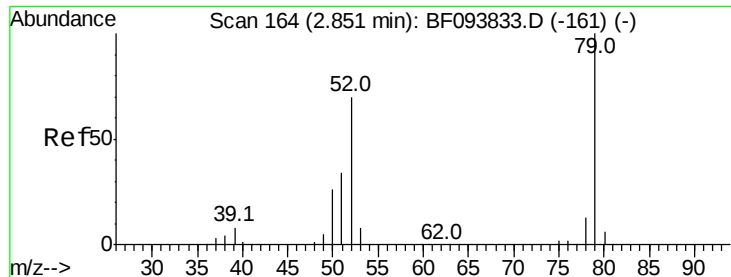
1,4-Dioxane
Concen: 33.46 ng
RT: 2.31 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion: 88 Resp: 141930
Ion Ratio Lower Upper
88 100
58 74.2 61.4 92.0
43 28.8 23.4 35.0



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

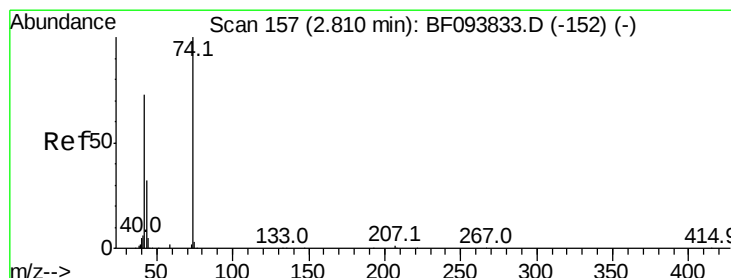
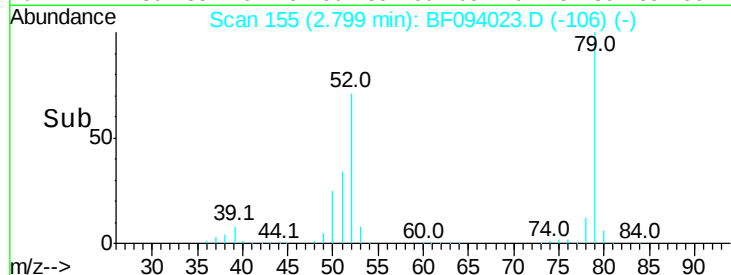
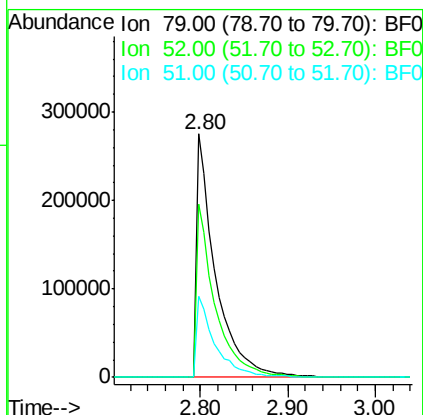
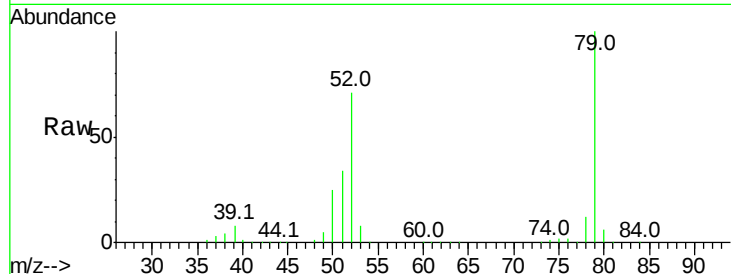




#3
 Pvridine
 Concen: 35.91 ng
 RT: 2.80 min Scan# 155
 Delta R.T. -0.01 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

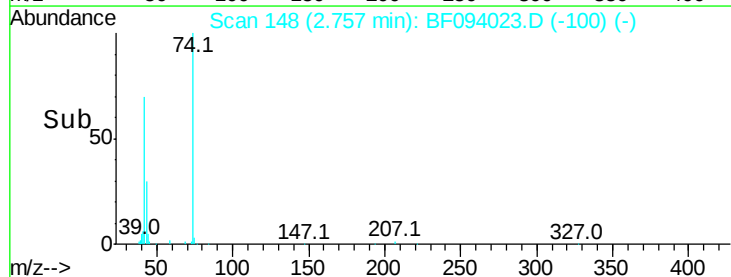
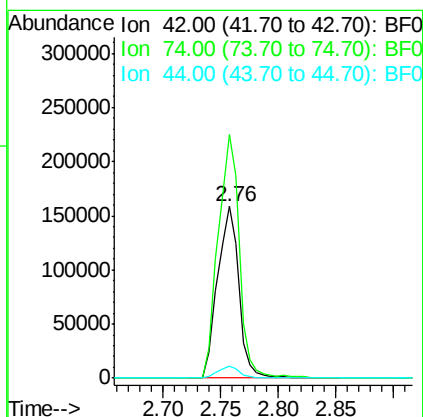
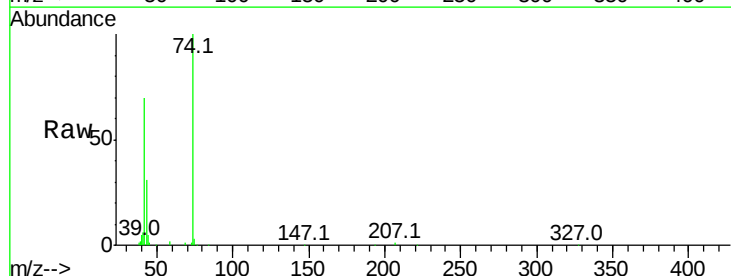
Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion: 79 Resp: 415181
 Ion Ratio Lower Upper
 79 100
 52 71.0 54.8 82.2
 51 33.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 42.63 ng
 RT: 2.76 min Scan# 148
 Delta R.T. -0.02 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion: 42 Resp: 202812
 Ion Ratio Lower Upper
 42 100
 74 142.0 103.9 155.9
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 129.26 ng

RT: 4.46 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampled :

PB97900BS

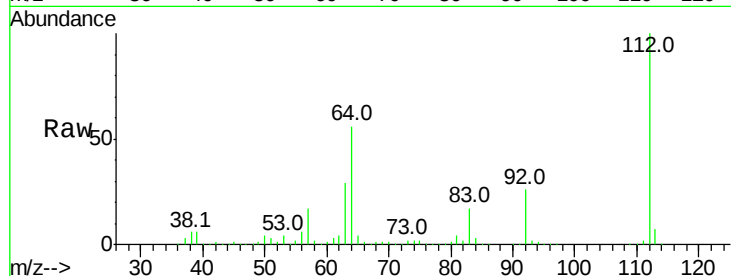
Tot Ion:112 Resp: 1141390

Ion Ratio Lower Upper

112 100

64 56.3 46.0 69.0

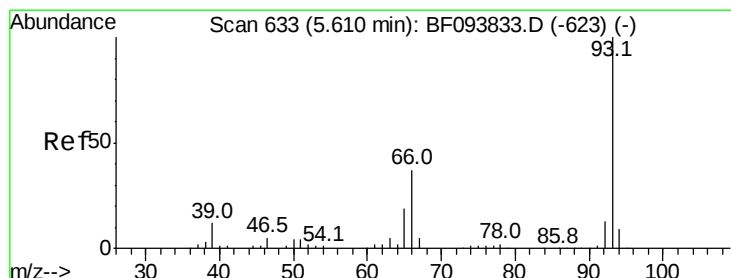
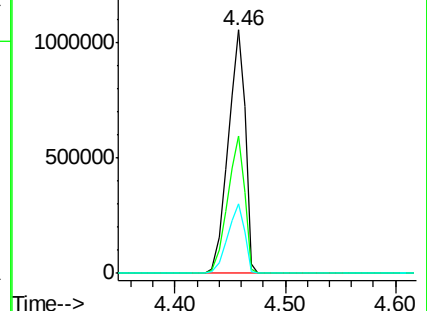
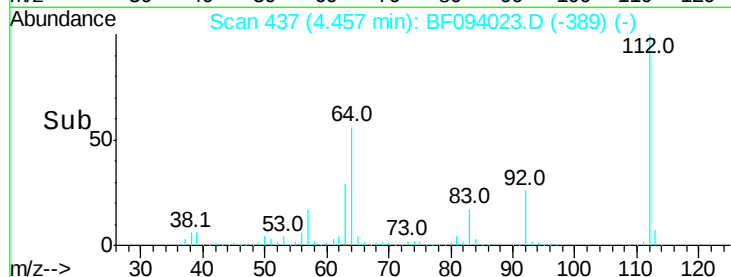
63 28.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.95 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

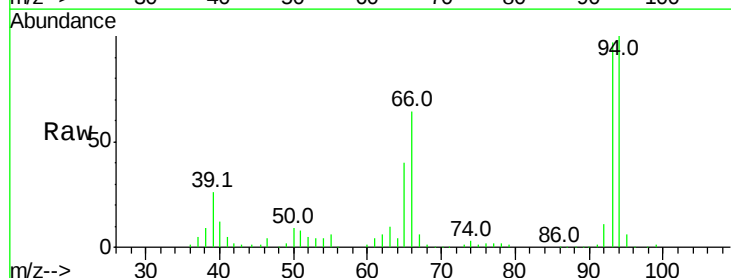
Tgt Ion: 93 Resp: 455090

Ion Ratio Lower Upper

93 100

66 65.6 32.9 49.3#

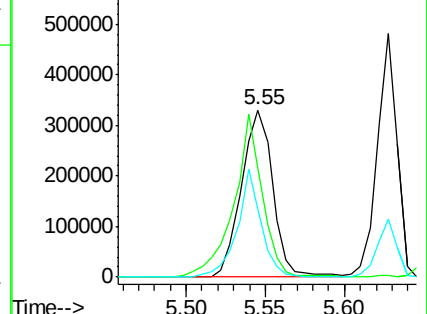
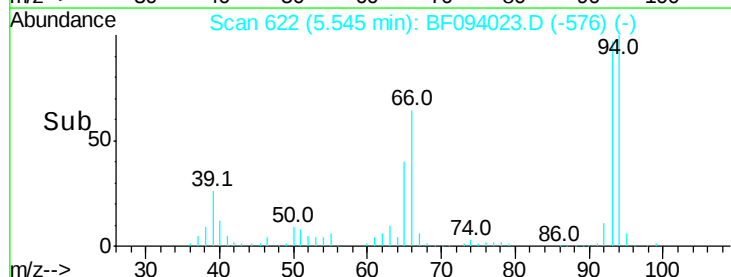
65 40.8 16.0 24.0#

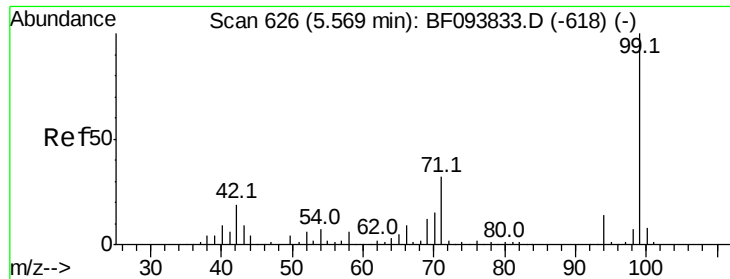


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.90 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094023.D

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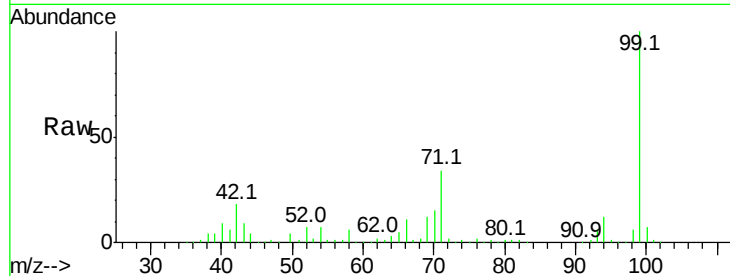
Tot Ion: 99 Resp: 1440870

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

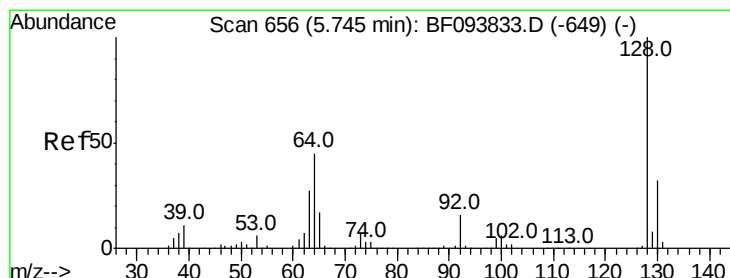
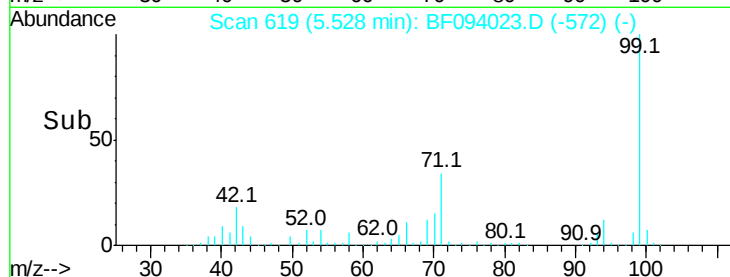
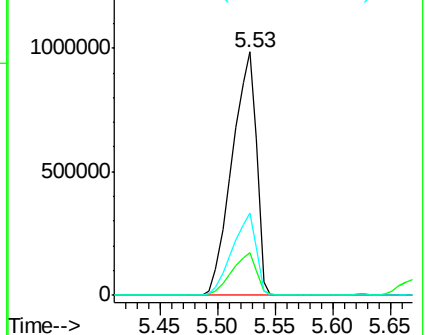
71 33.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.13 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

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Acq: 29 Mar 2017 17:27

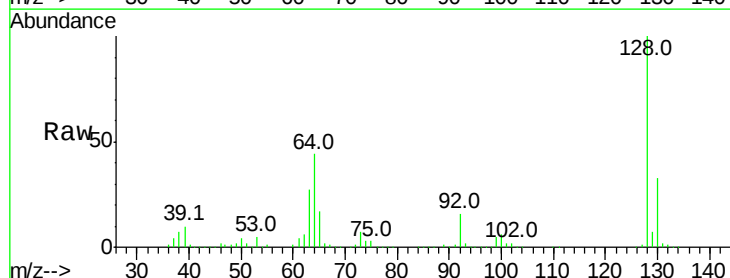
Tgt Ion:128 Resp: 447719

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

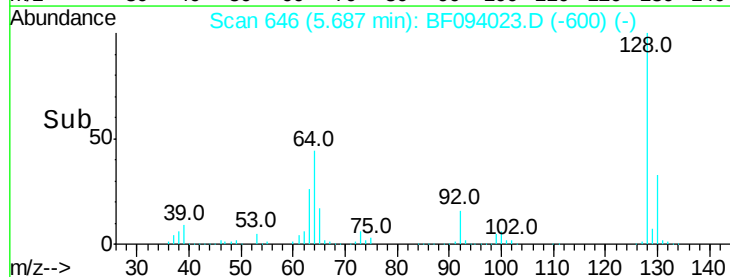
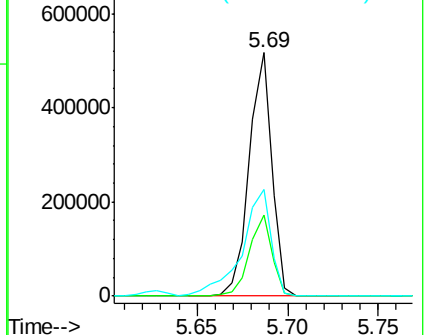
64 43.8 28.4 68.4

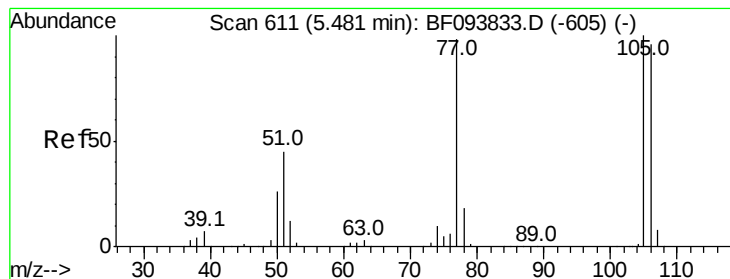


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.61 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

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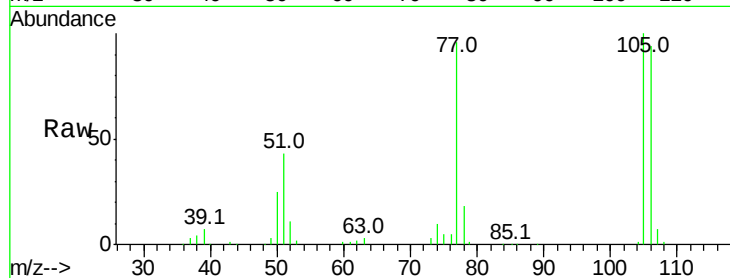
Tot Ion: 77 Resp: 85671

Ion Ratio Lower Upper

77 100

105 104.3 83.8 123.8

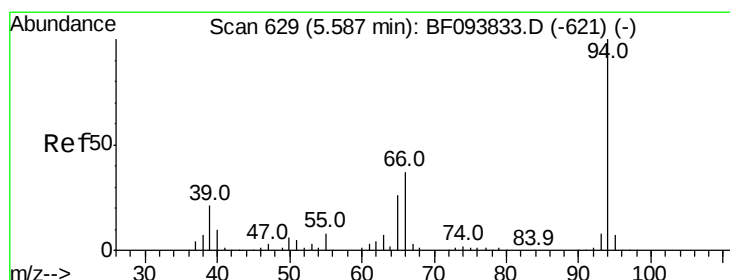
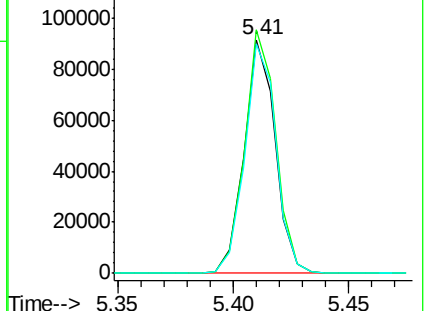
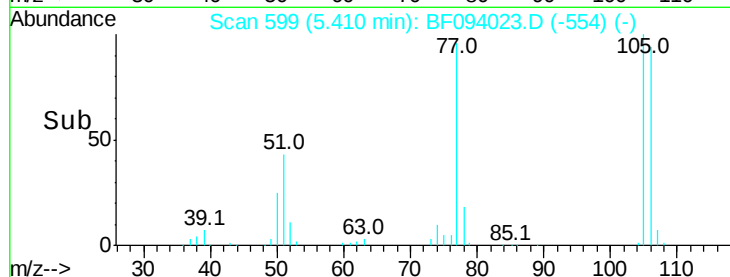
106 98.4 79.1 119.1



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: 43.03 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

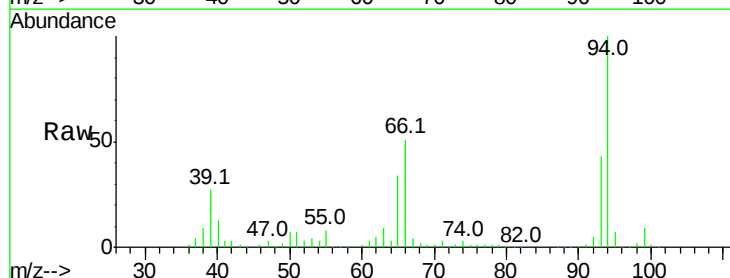
Tgt Ion: 94 Resp: 534953

Ion Ratio Lower Upper

94 100

65 34.1 9.9 49.9

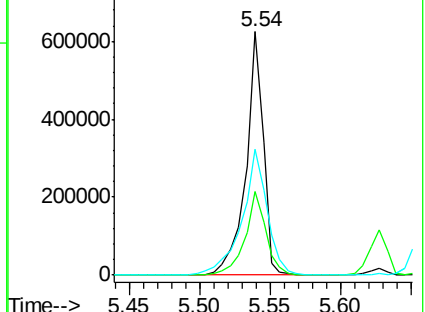
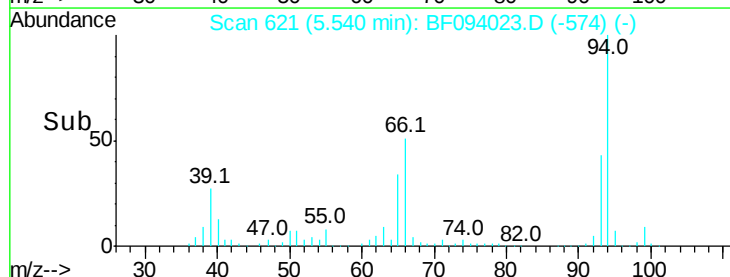
66 51.5 23.1 63.1



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

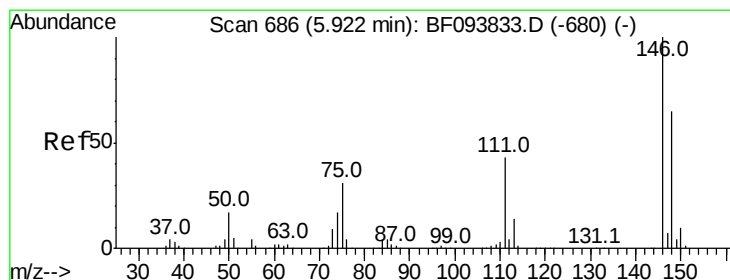
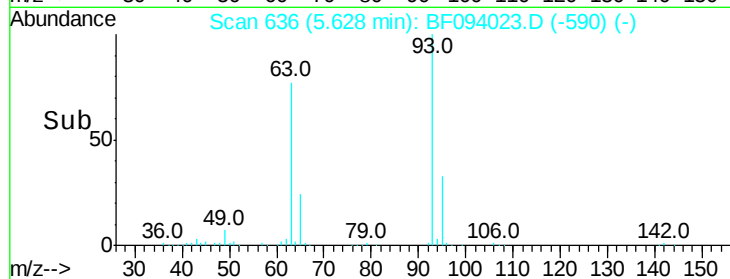
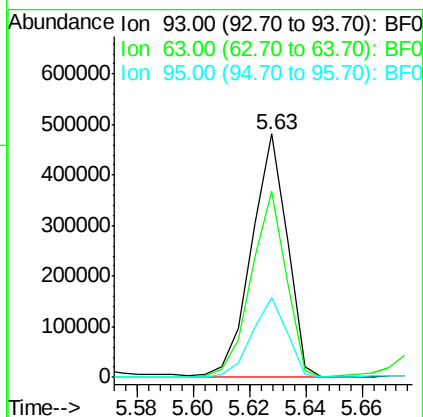
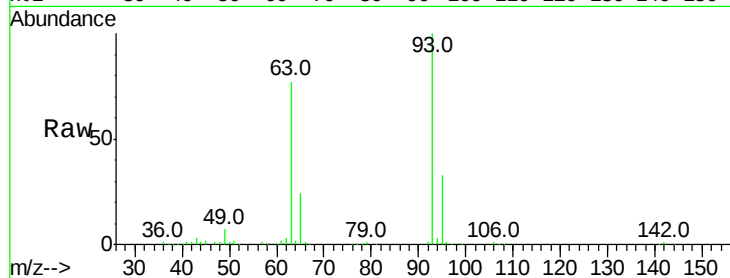




#11
bis(2-Chloroethyl)ether
Concen: 43.05 ng
RT: 5.63 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

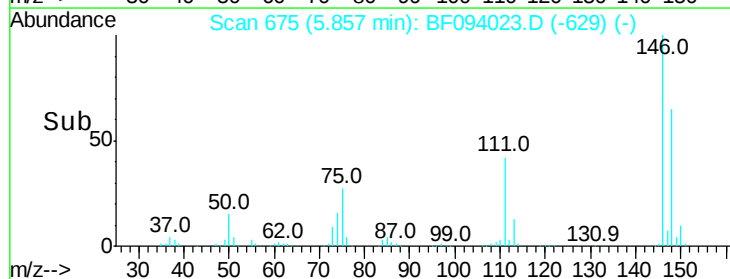
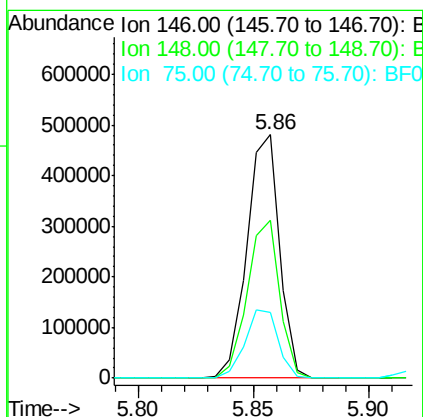
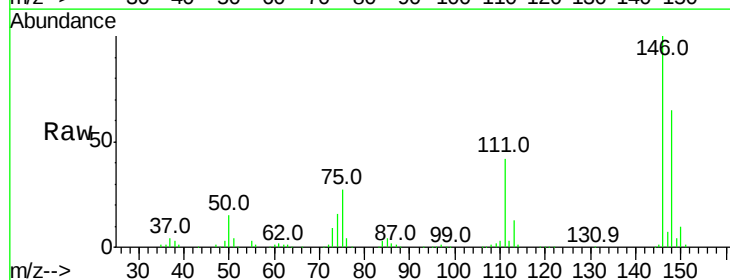
Instrument :
BNA_F
ClientSampleId :
PB97900BS

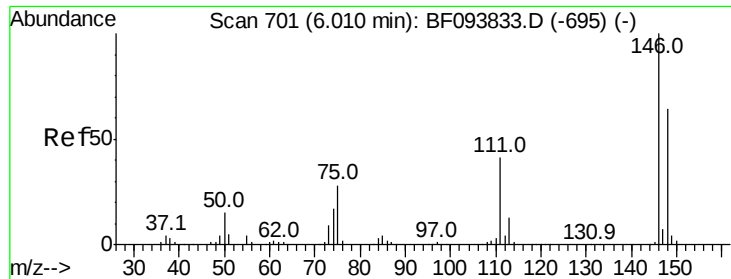
Tot Ion: 93 Resp: 418239
Ion Ratio Lower Upper
93 100
63 76.6 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.66 ng
RT: 5.86 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion: 146 Resp: 475387
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 27.0 23.1 34.7

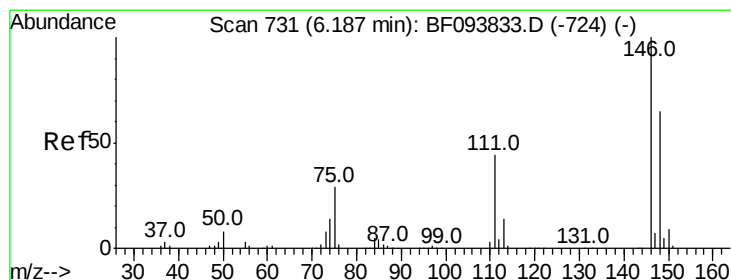
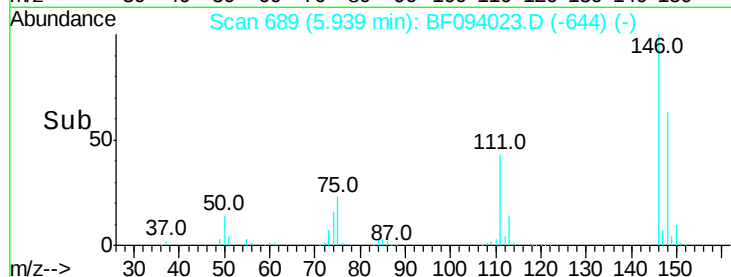
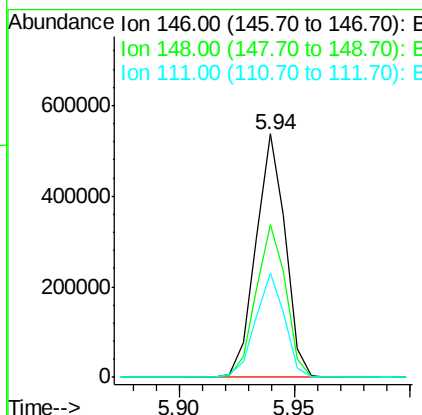
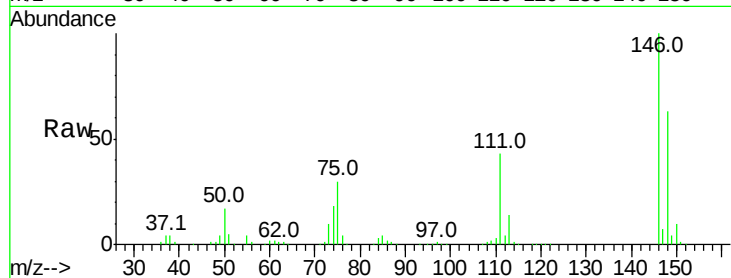




#13
 1,4-Dichlorobenzene
 Concen: 43.47 ng
 RT: 5.94 min Scan# 689
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

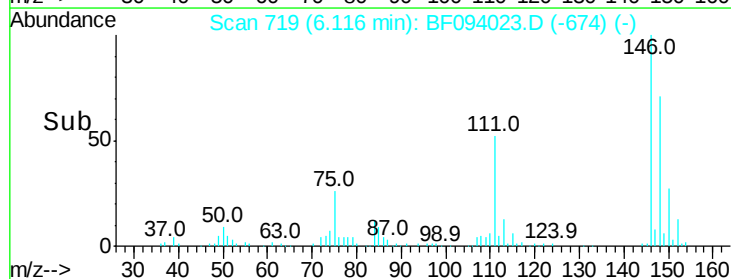
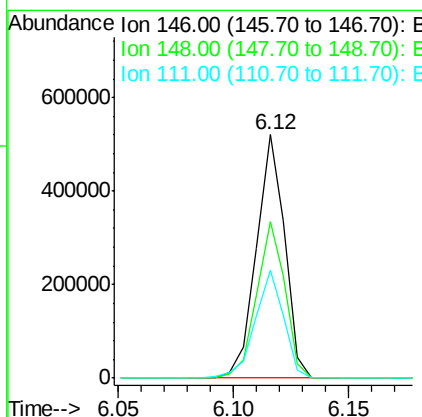
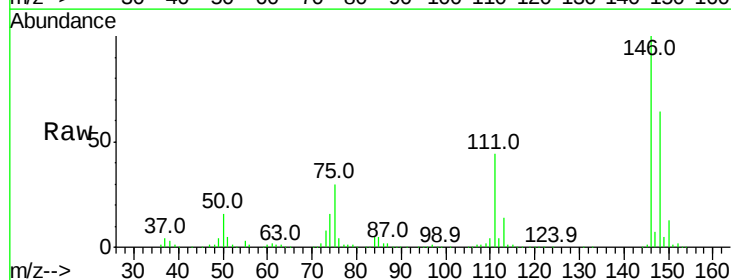
Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion:146 Resp: 479296
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 42.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 43.93 ng
 RT: 6.12 min Scan# 719
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion:146 Resp: 446105
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 44.2 38.2 57.4





#15

Benzyl Alcohol

Concen: 46.53 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

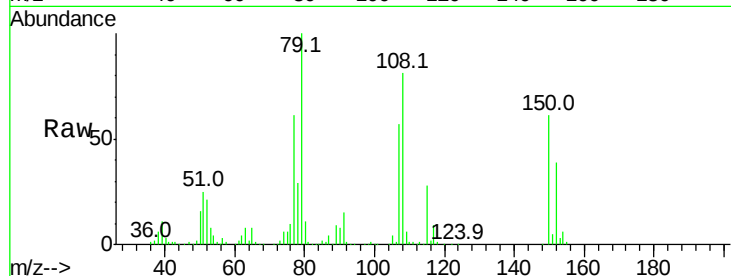
Tot Ion: 79 Resp: 372017

Ion Ratio Lower Upper

79 100

108 81.2 63.4 95.0

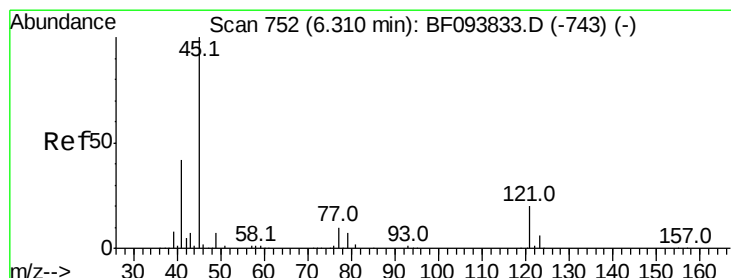
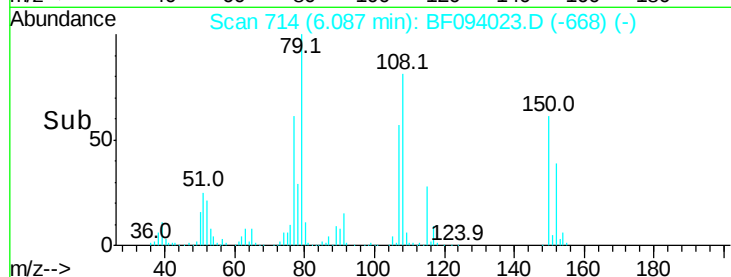
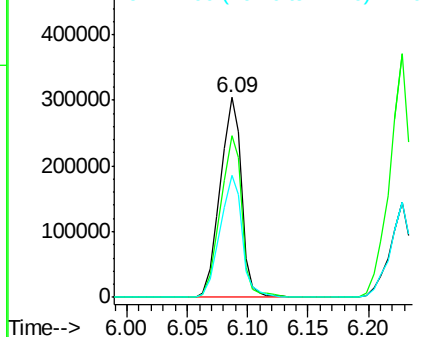
77 60.7 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.76 ng

RT: 6.25 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

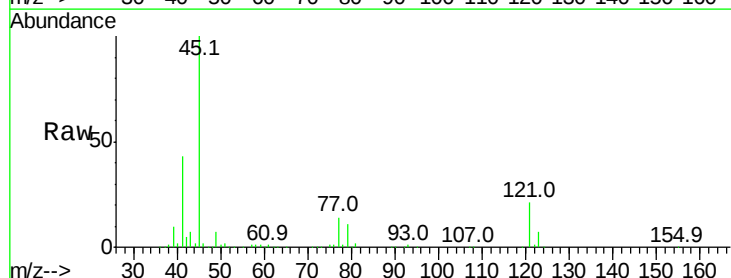
Tgt Ion: 45 Resp: 595229

Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.2

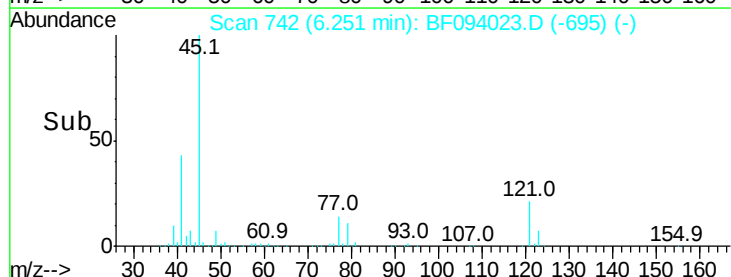
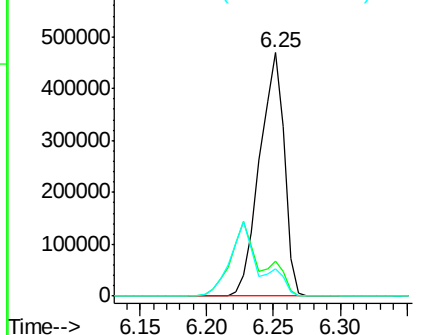
79 11.1 0.0 30.0

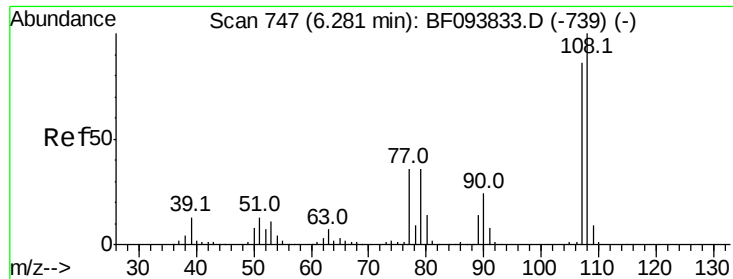


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

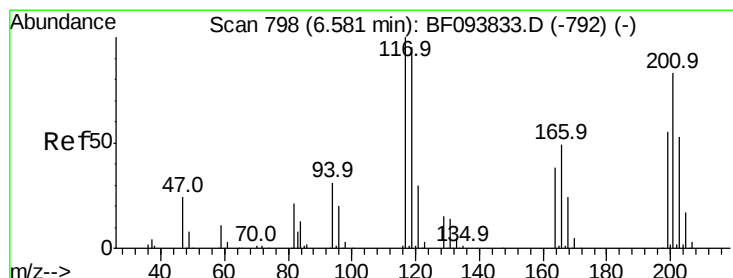
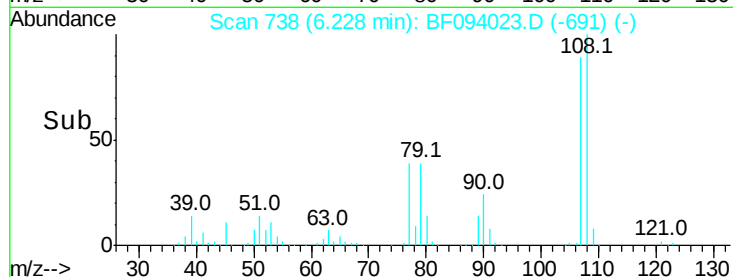
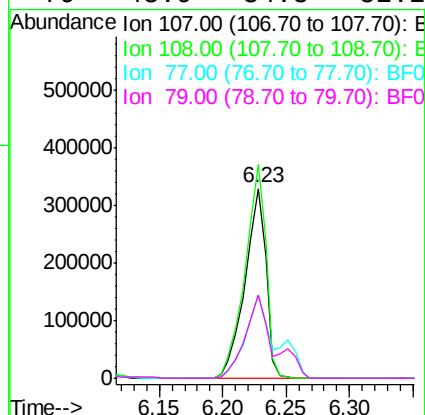
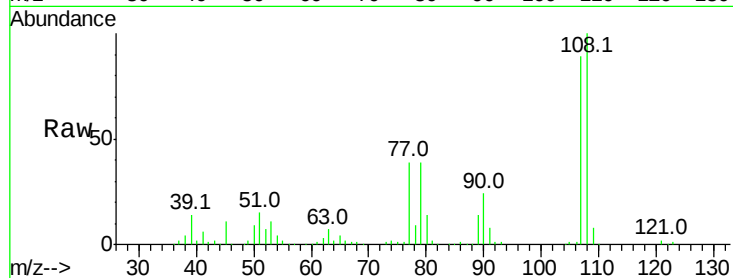




#17
2-Methylphenol
Concen: 45.53 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

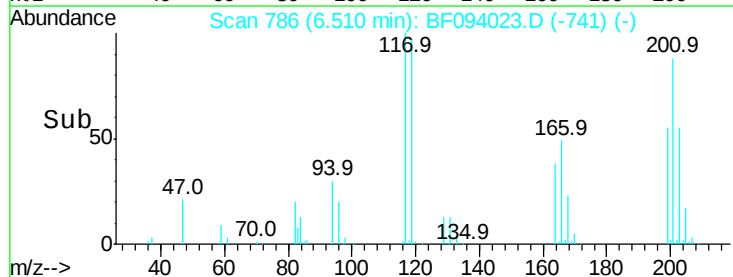
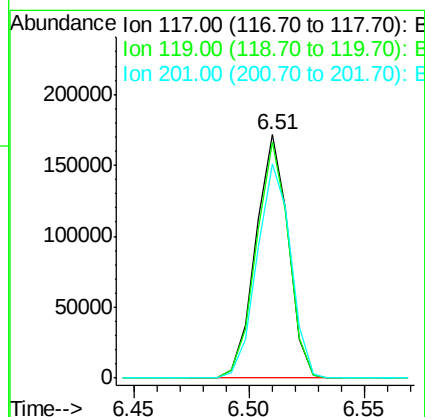
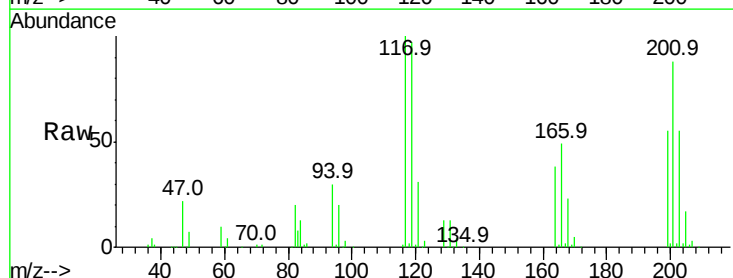
Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:107 Resp: 378455
Ion Ratio Lower Upper
107 100
108 112.4 93.4 140.0
77 43.6 35.8 53.6
79 43.9 34.8 52.2



#18
Hexachloroethane
Concen: 43.43 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion:117 Resp: 168316
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
201 87.7 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 43.30 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

Tot Ion: 70 Resp: 303972

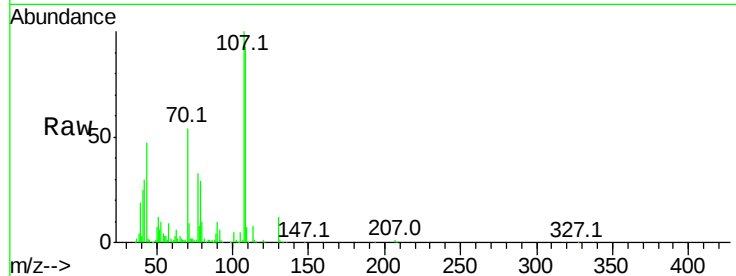
Ion Ratio Lower Upper

70 100

42 55.4 47.2 70.8

101 10.1 7.2 10.8

130 21.8 15.9 23.9

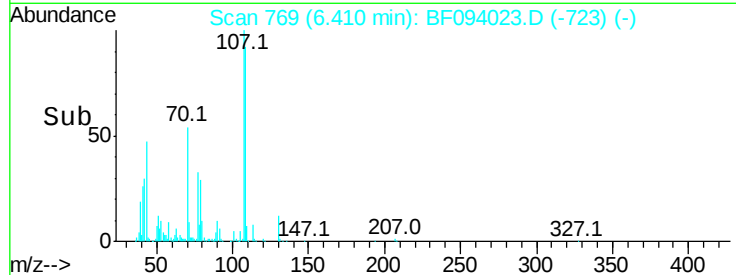
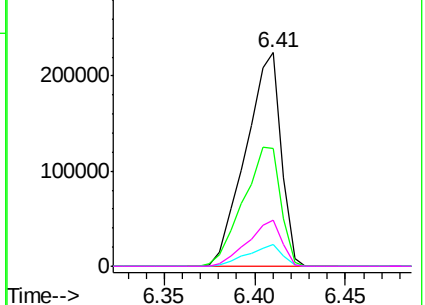


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 46.47 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion: 107 Resp: 467801

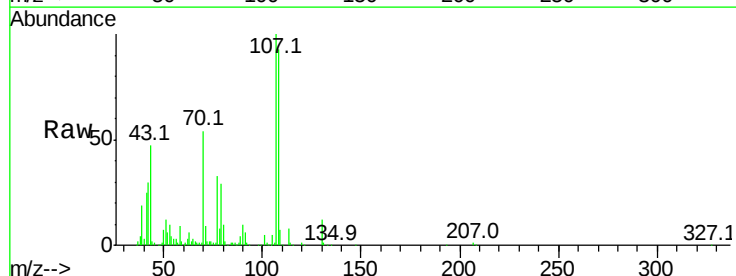
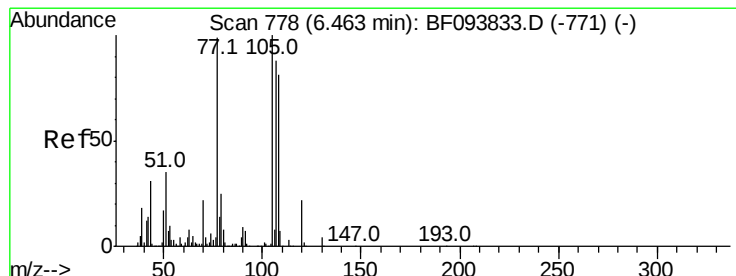
Ion Ratio Lower Upper

107 100

108 92.6 71.0 111.0

77 33.3 90.5 130.5#

79 29.1 8.4 48.4

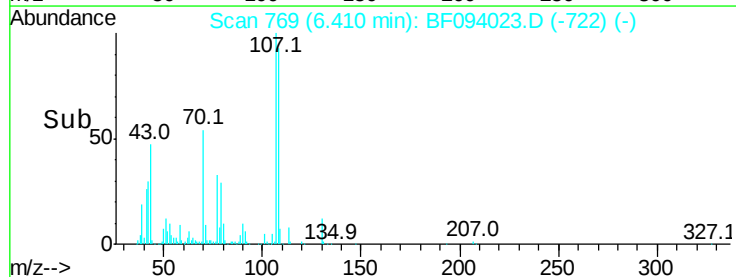
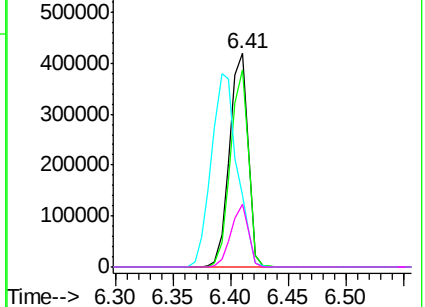


Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

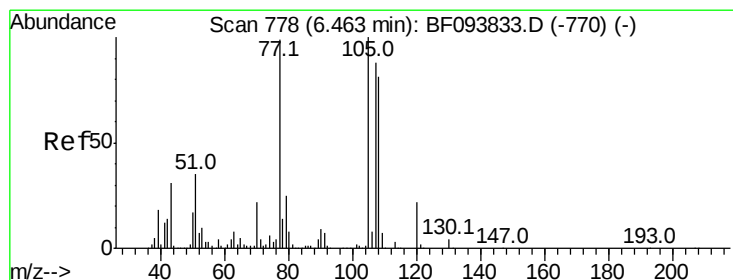
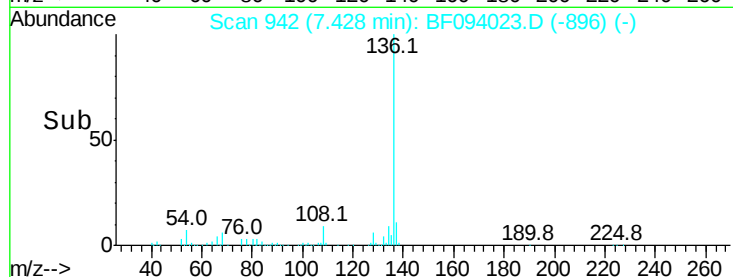
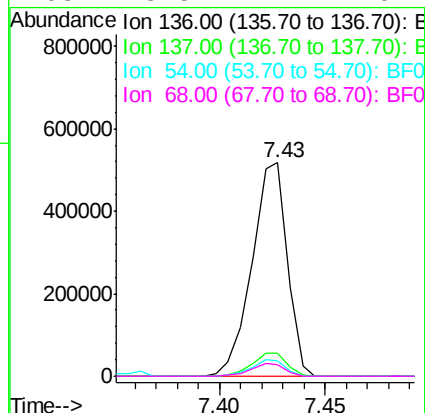
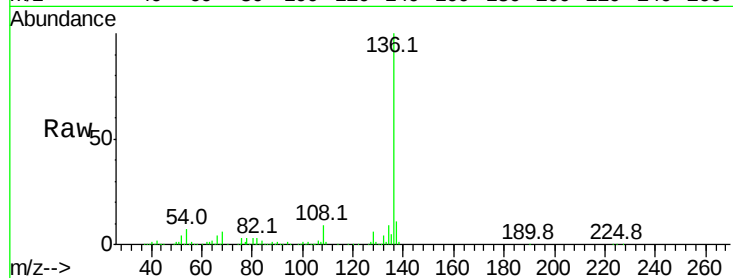




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

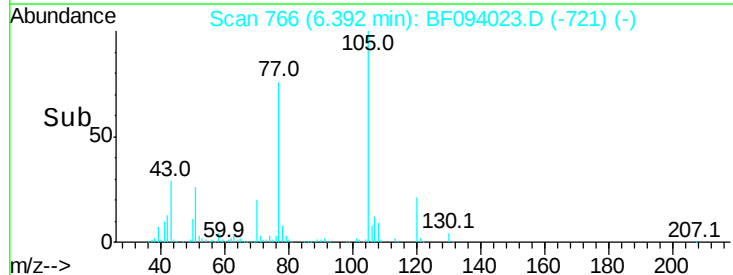
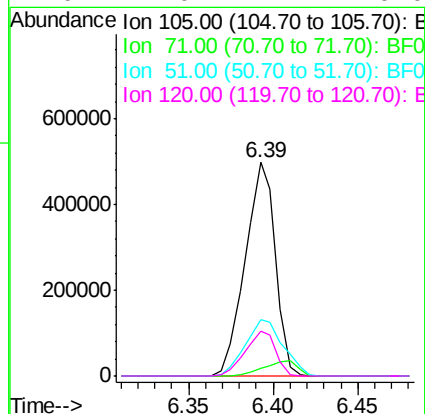
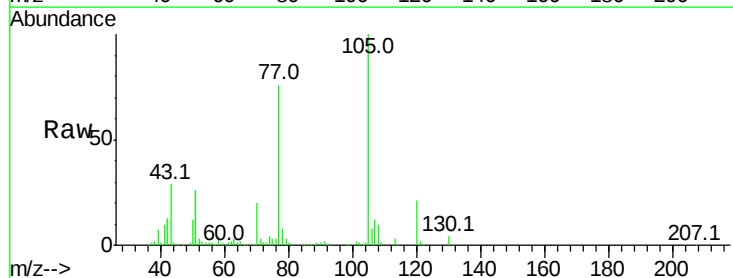
Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:136	Resp: 602786
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 7.1	4.9 7.3
68 5.5	4.1 6.1



#22
Acetophenone
Concen: 46.24 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt	Ion:105	Resp:	621217
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.8	4.2
51	26.5	30.7	46.1#
120	21.0	17.4	26.0

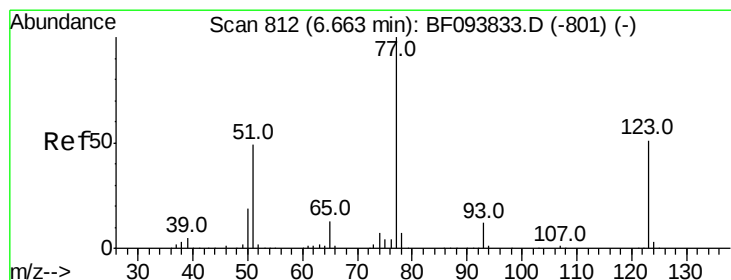
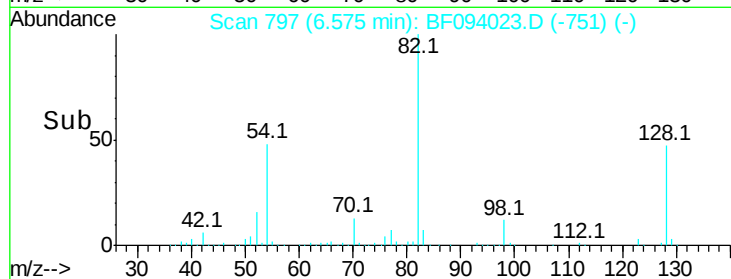
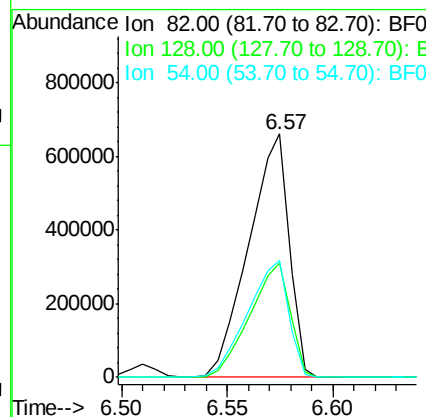
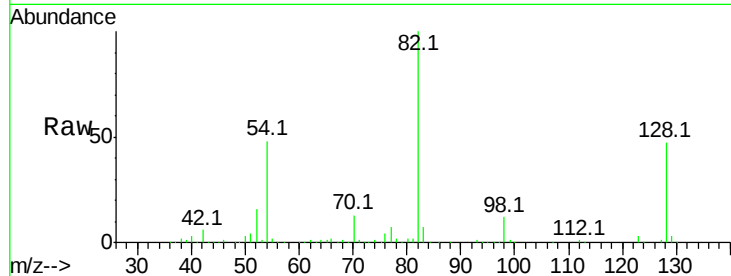




#23
 Nitrobenzene-d5
 Concen: 83.10 ng
 RT: 6.57 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

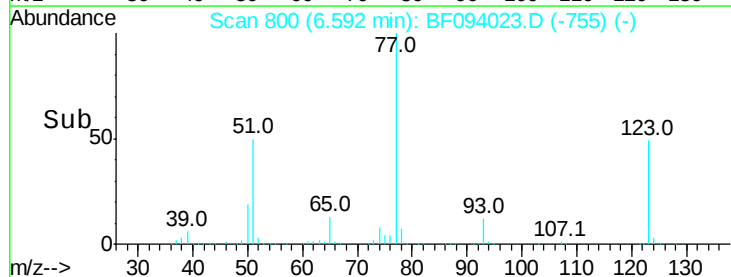
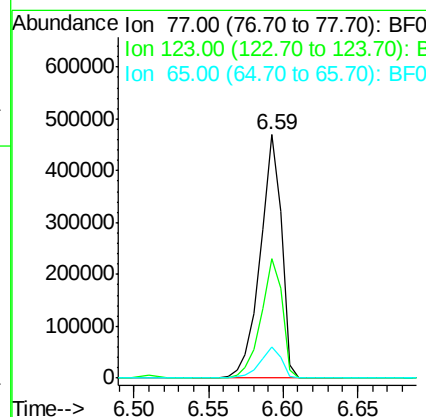
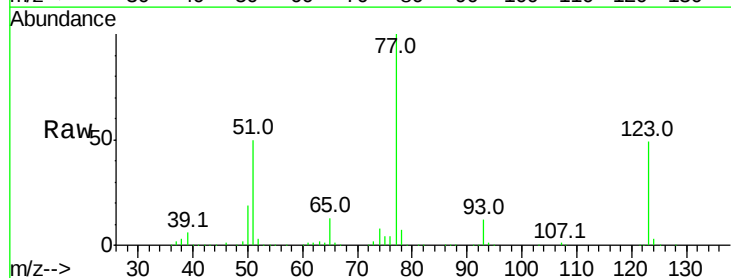
Instrument :
 BNA_F
 ClientSampleID :
 PB97900BS

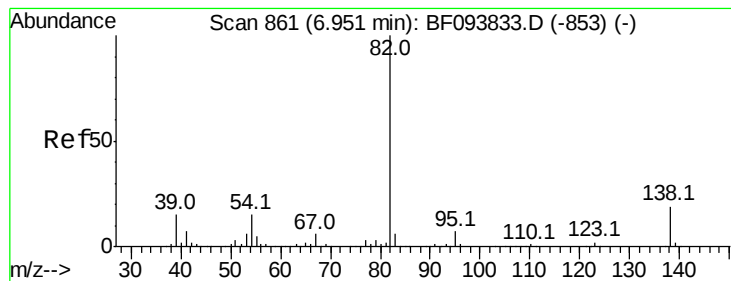
Tot Ion: 82 Resp: 877750
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 48.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 43.96 ng
 RT: 6.59 min Scan# 800
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion: 77 Resp: 457921
 Ion Ratio Lower Upper
 77 100
 123 48.8 35.8 53.8
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 44.90 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

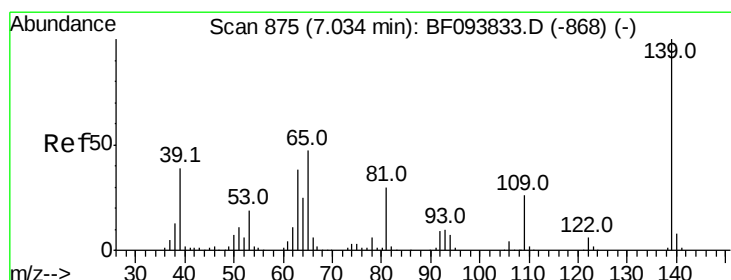
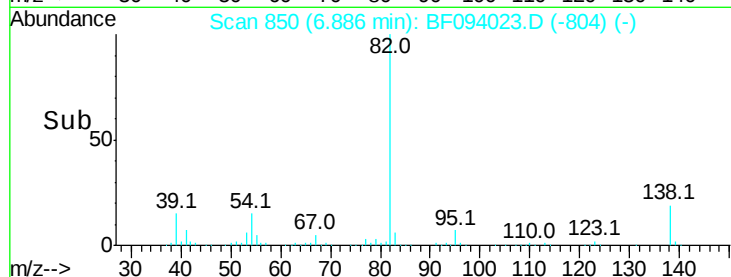
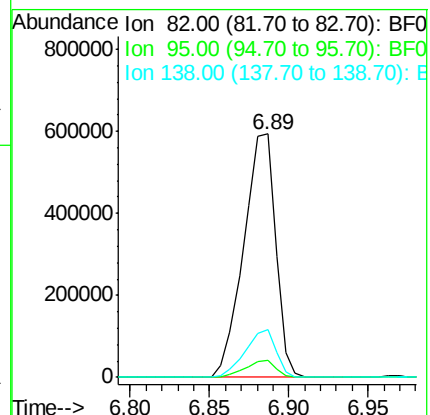
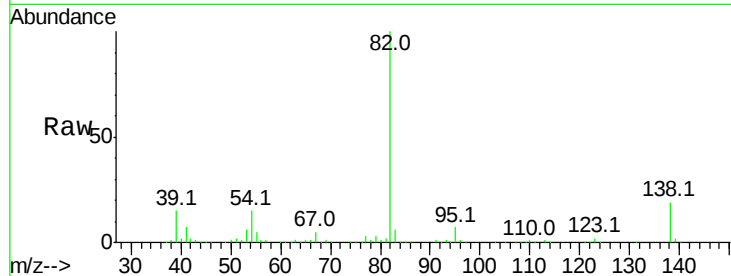
Tot Ion: 82 Resp: 833262

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 50.68 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

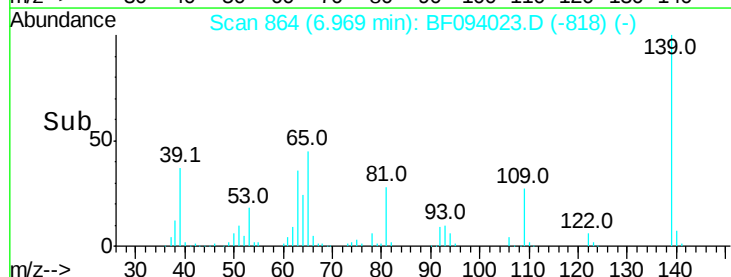
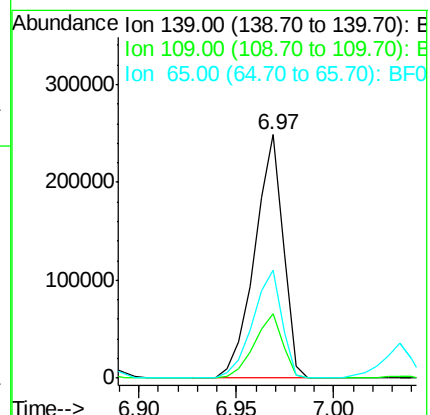
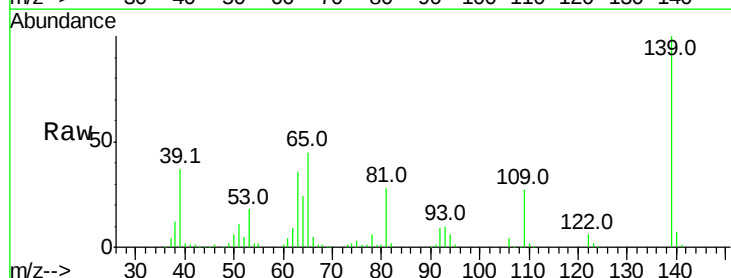
Tgt Ion:139 Resp: 251771

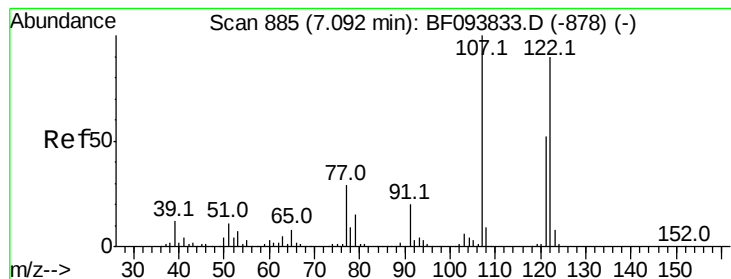
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 44.5 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.35 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

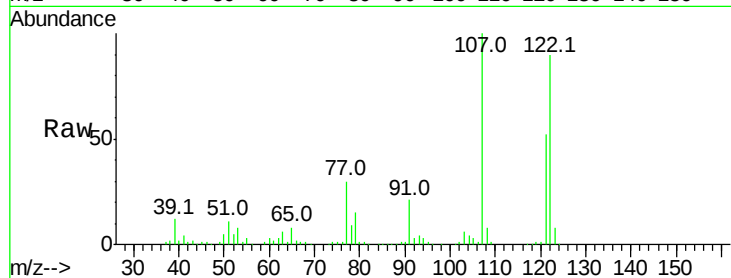
Tot Ion:122 Resp: 413857

Ion Ratio Lower Upper

122 100

107 110.9 89.2 133.8

121 57.3 45.2 67.8

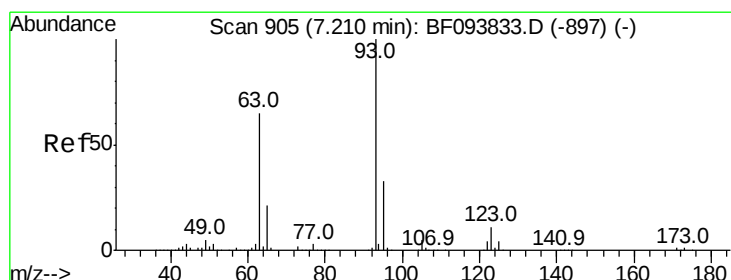
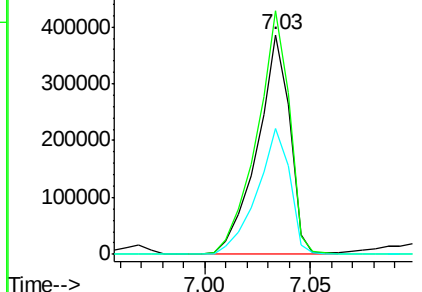
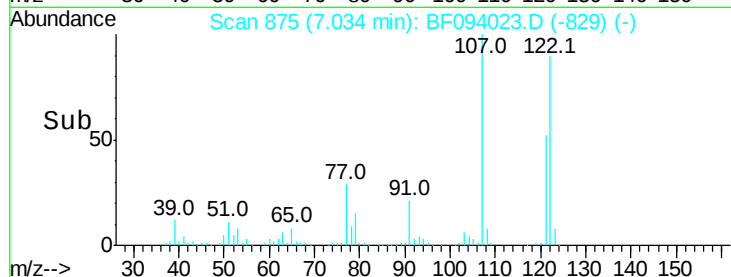


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 43.65 ng

RT: 7.15 min Scan# 894

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

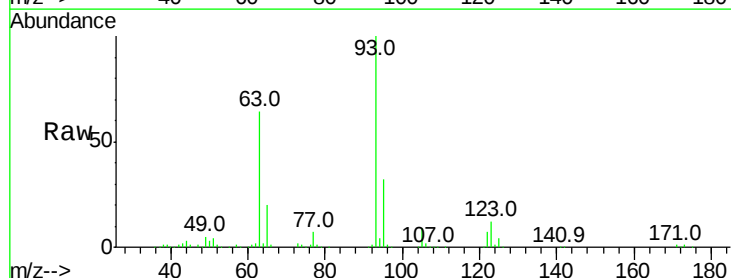
Tgt Ion: 93 Resp: 534250

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 11.8 9.0 13.4

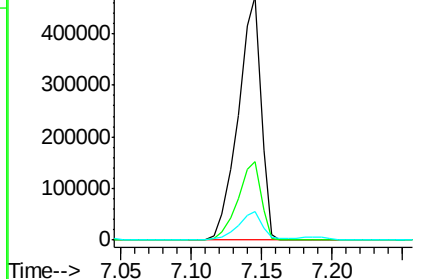
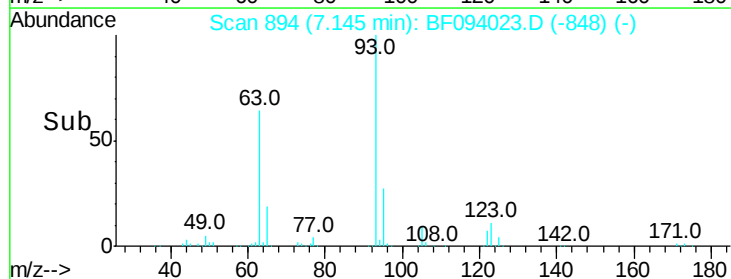


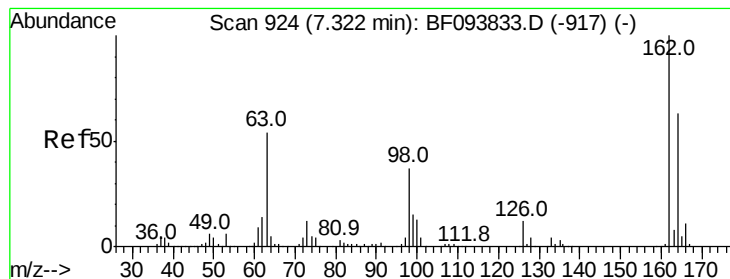
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

Time-->





#29

2,4-Dichlorophenol

Concen: 48.39 ng

RT: 7.26 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

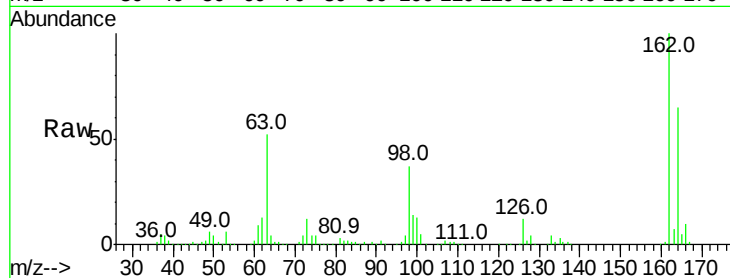
Tot Ion:162 Resp: 387286

Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

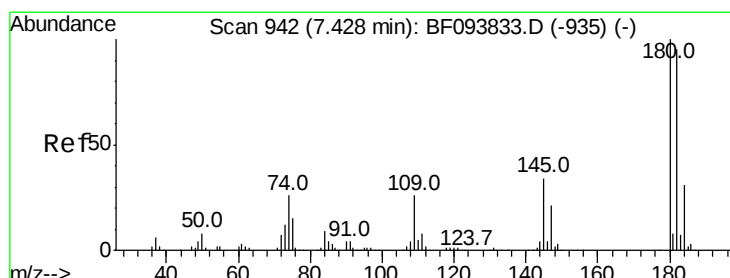
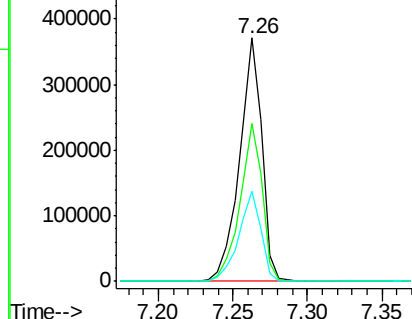
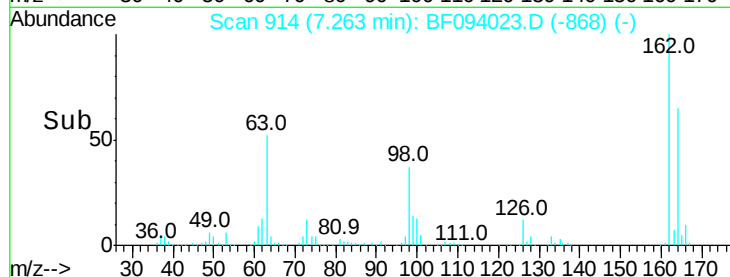
98 37.1 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 45.66 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

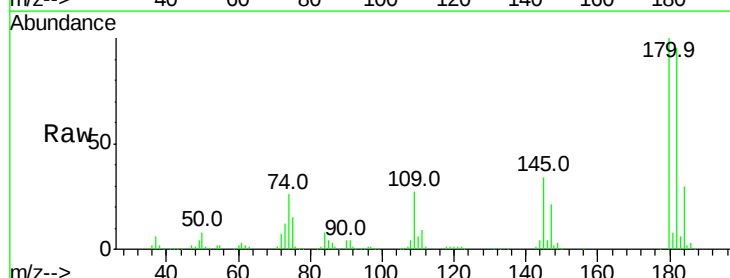
Tgt Ion:180 Resp: 376368

Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

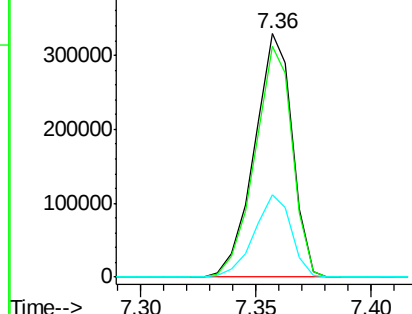
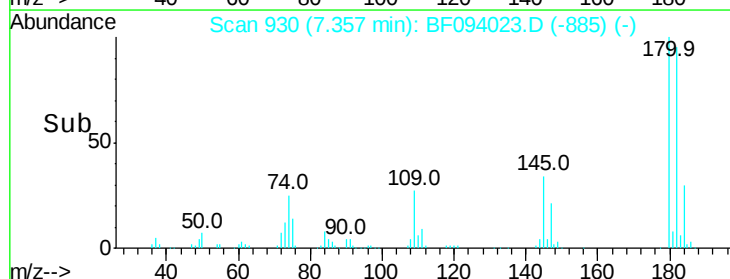
145 33.7 25.3 37.9

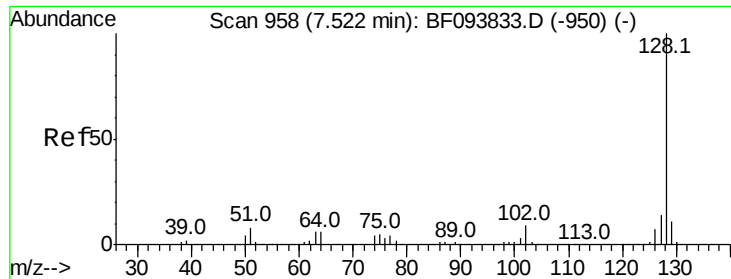


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

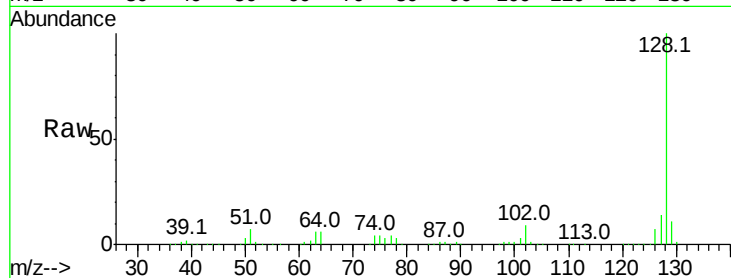




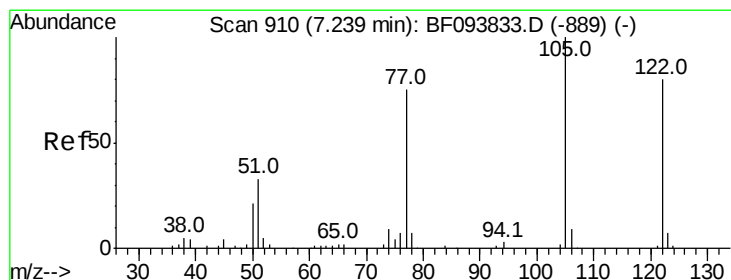
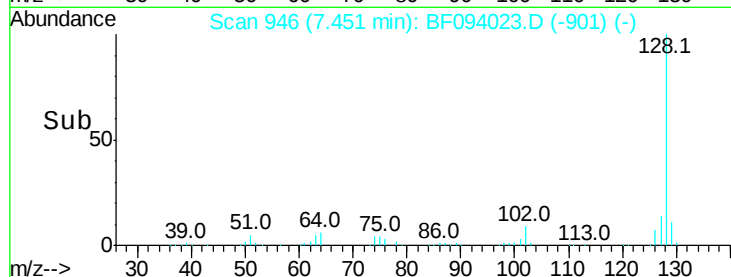
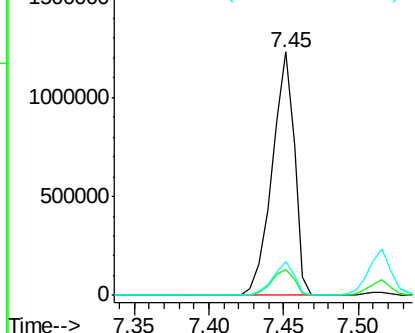
#31
Naphthalene
Concen: 43.82 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:128 Resp: 1270075
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.6 10.8 16.2

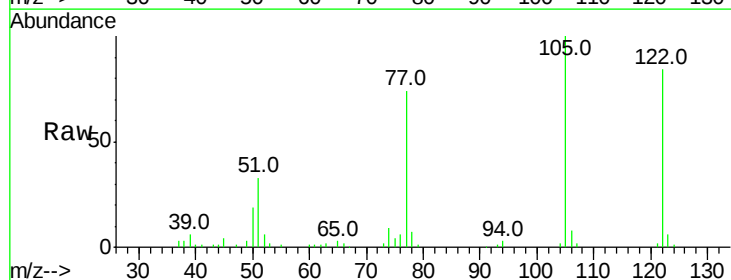


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

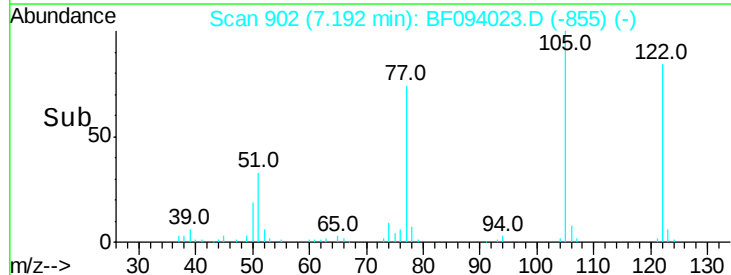
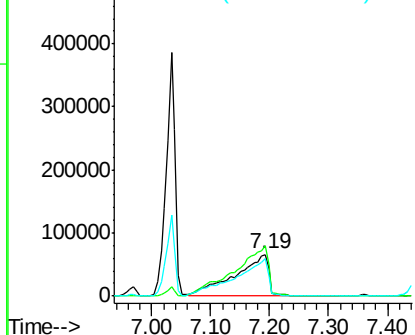


#32
Benzoic acid
Concen: 46.17 ng
RT: 7.19 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion:122 Resp: 263102
Ion Ratio Lower Upper
122 100
105 119.2 103.3 143.3
77 88.4 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: 21.85 ng

RT: 7.52 min Scan# 957

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

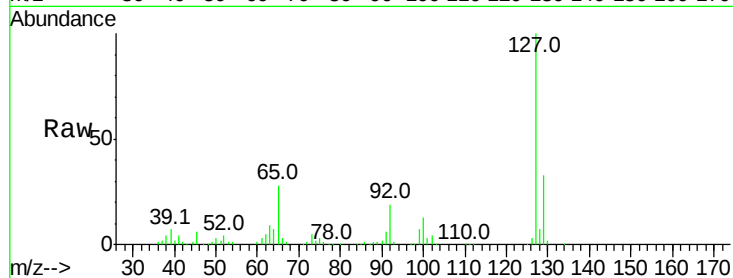
Instrument :

BNA_F

ClientSampleId :

PB97900BS

Tot Ion:	127	Resp:	256617
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.8	27.8	41.8#
92	18.7	16.8	25.2

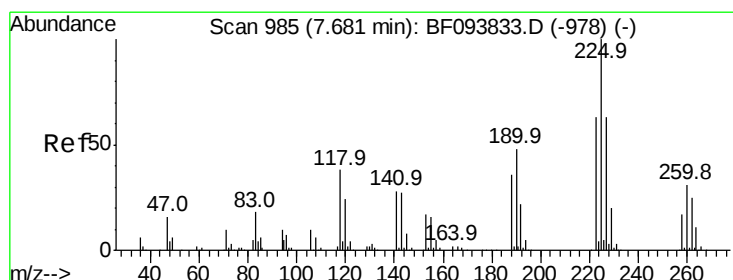
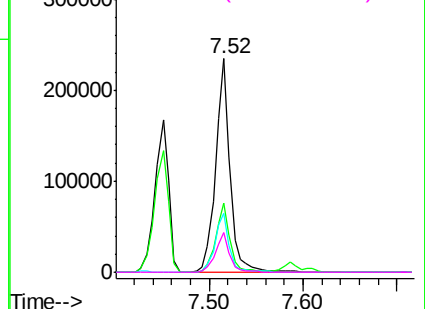
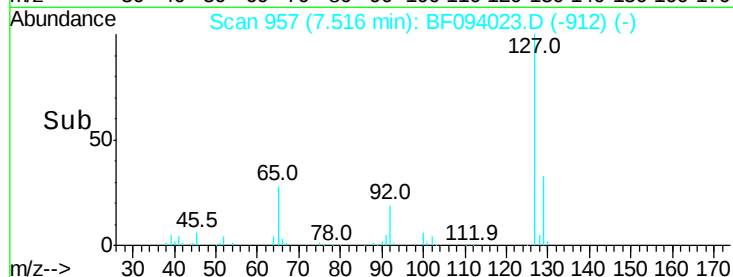


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.65 ng

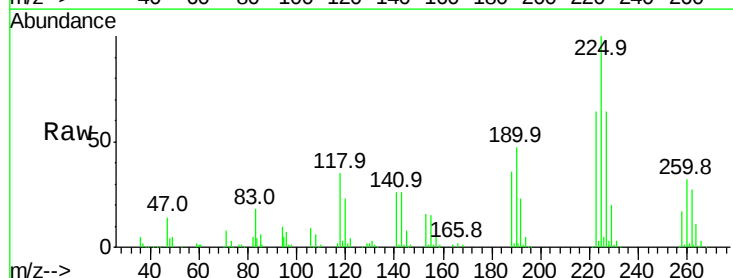
RT: 7.61 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

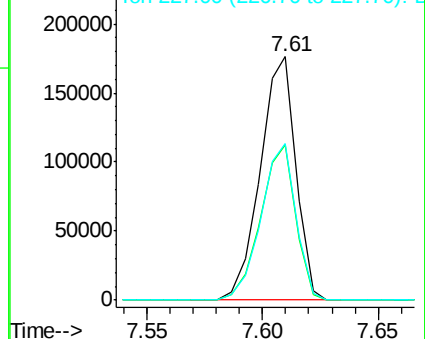
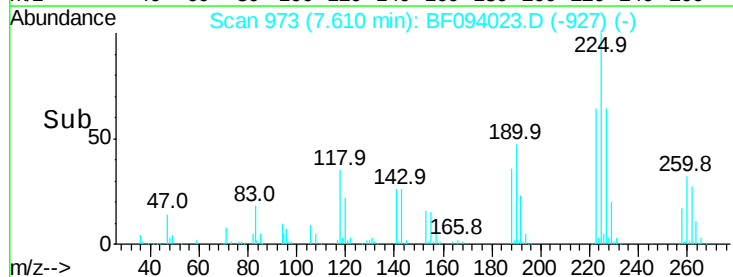
Tgt Ion:	225	Resp:	188758
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	64.4	51.1	76.7

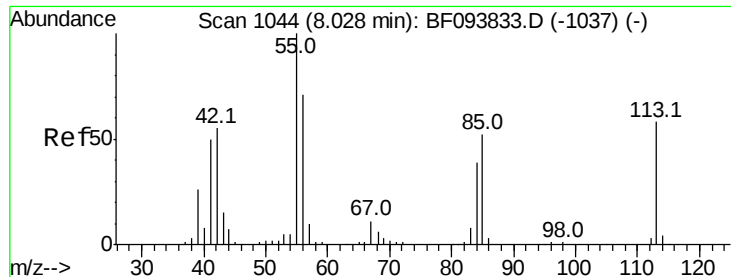


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.13 ng

RT: 7.96 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

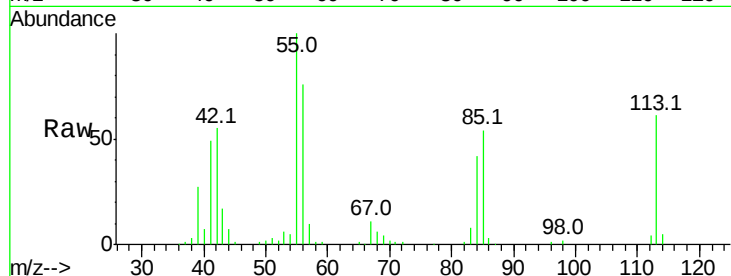
Tot Ion:113 Resp: 69242

Ion Ratio Lower Upper

113 100

55 164.0 150.2 190.2

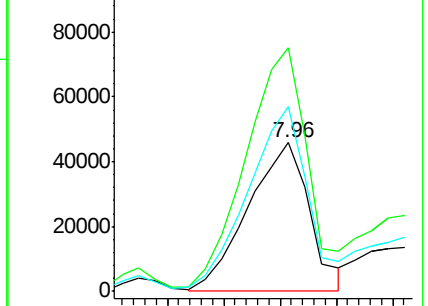
56 124.0 107.8 147.8



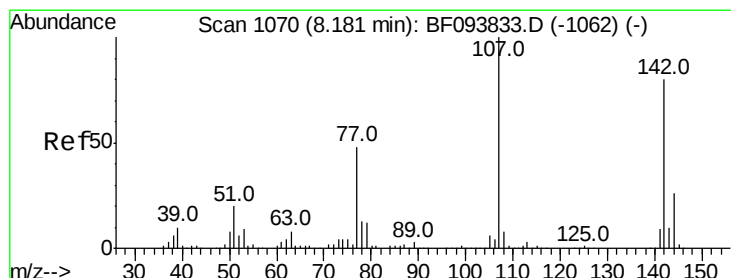
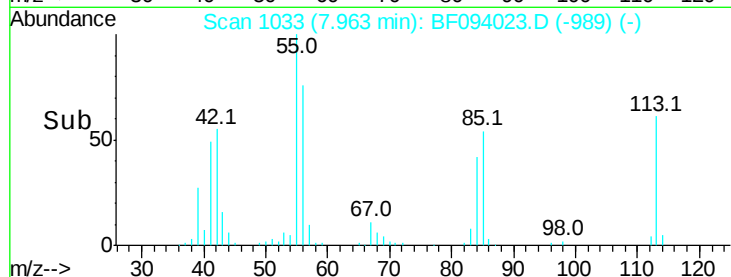
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 49.55 ng

RT: 8.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

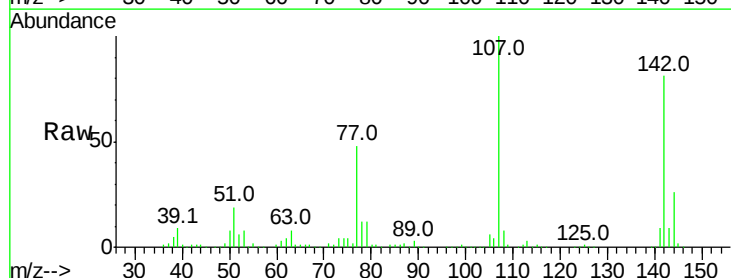
Tgt Ion:107 Resp: 414392

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

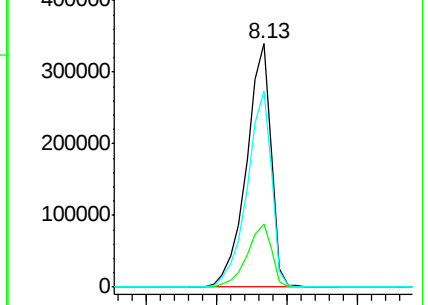
142 80.6 73.4 110.0



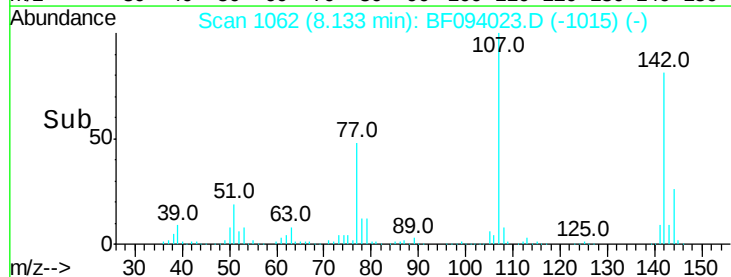
Abundance Ion 107.00 (106.70 to 107.70): E

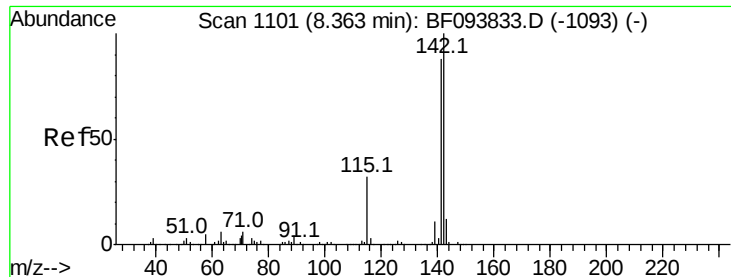
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 45.88 ng

RT: 8.29 min Scan# 1089

Delta R.T. -0.04 min

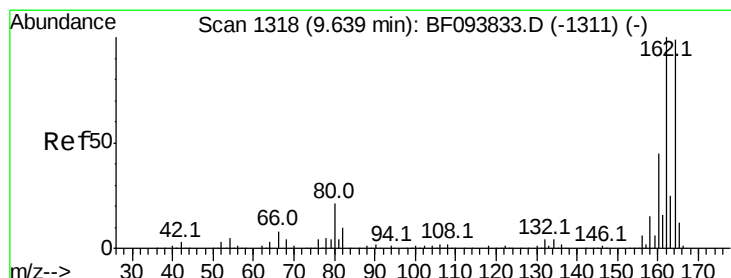
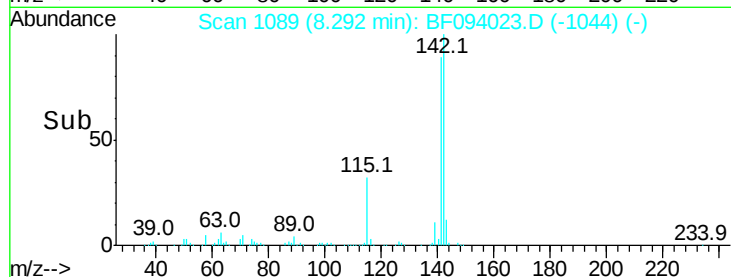
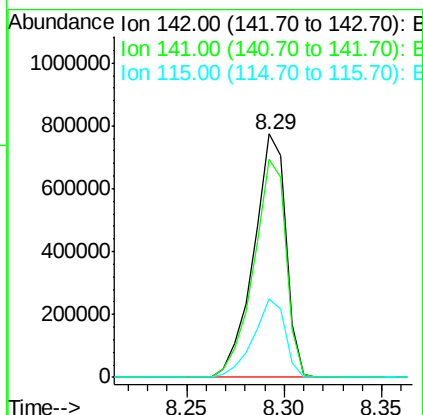
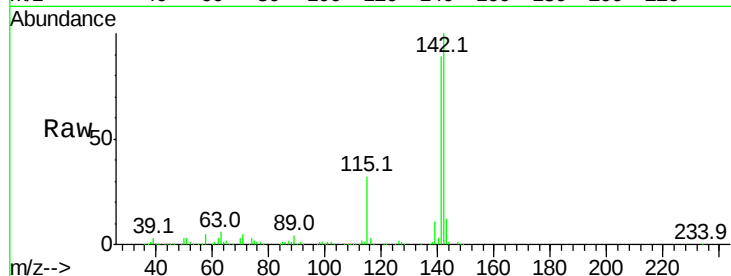
Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:142 Resp: 886402

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	32.5	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1306

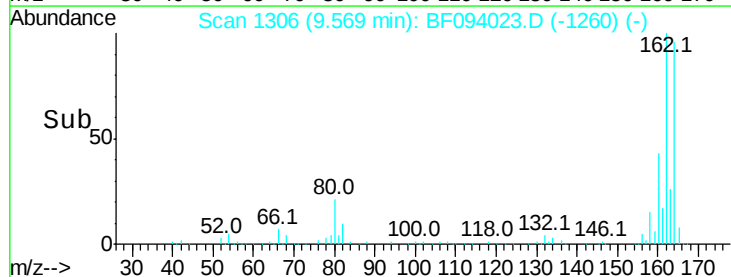
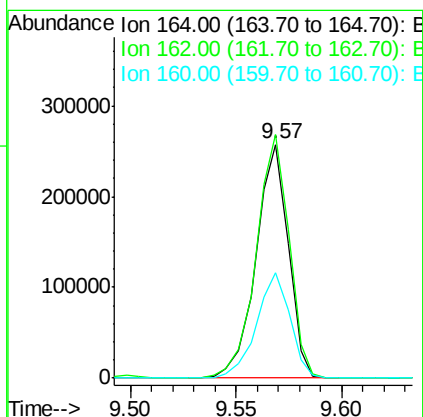
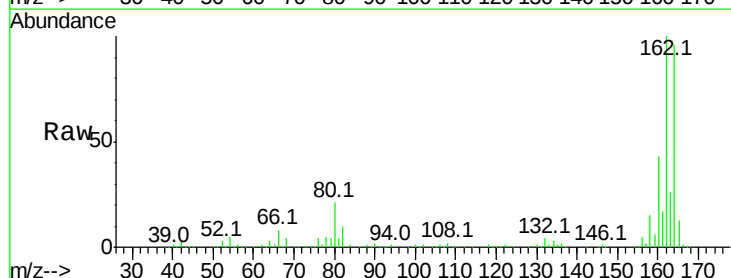
Delta R.T. -0.03 min

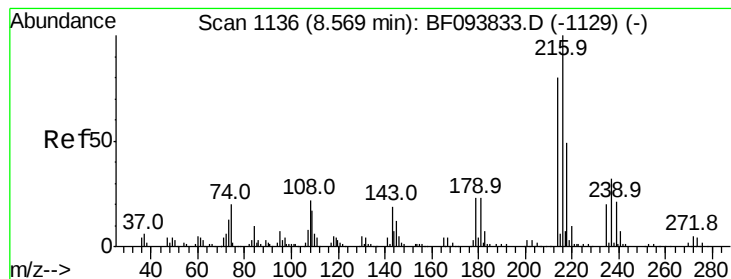
Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion:164 Resp: 274475

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	45.3	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.93 ng

RT: 8.50 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

Tot Ion:216 Resp: 322334

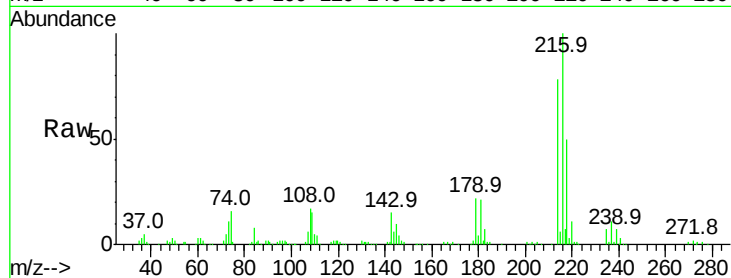
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 22.4 17.9 26.9

108 22.3 16.5 24.7

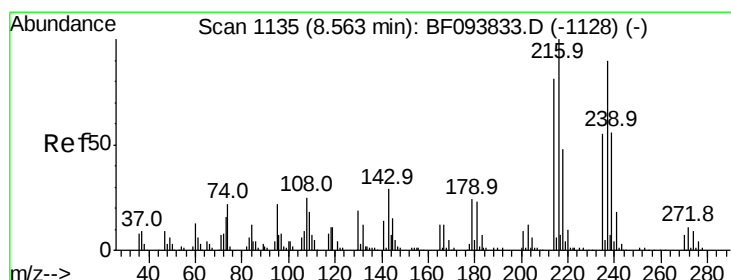
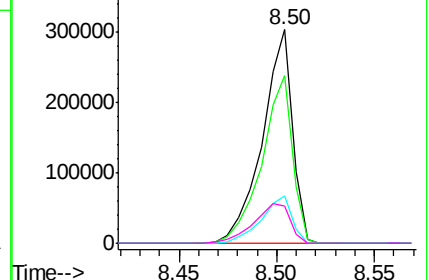
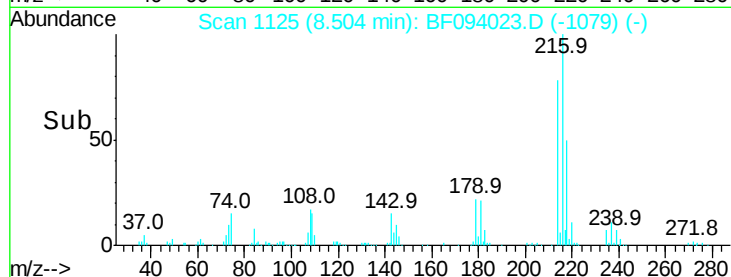


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 97.29 ng

RT: 8.49 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

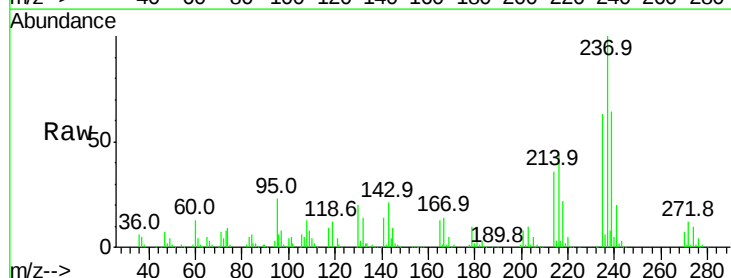
Tgt Ion:237 Resp: 341843

Ion Ratio Lower Upper

237 100

235 62.8 42.6 82.6

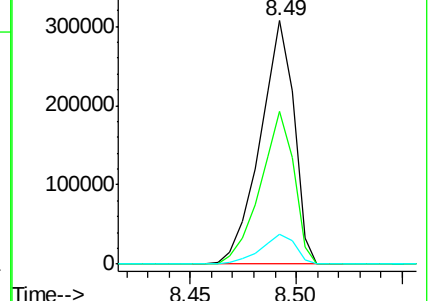
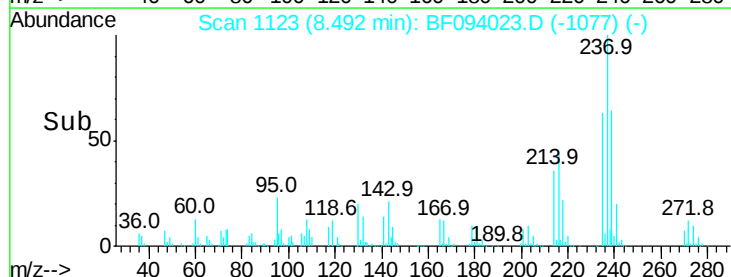
272 12.4 0.0 31.9

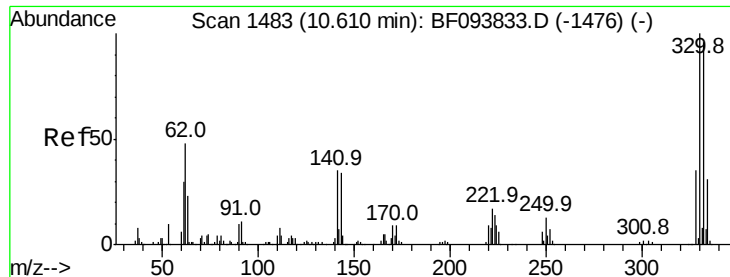


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

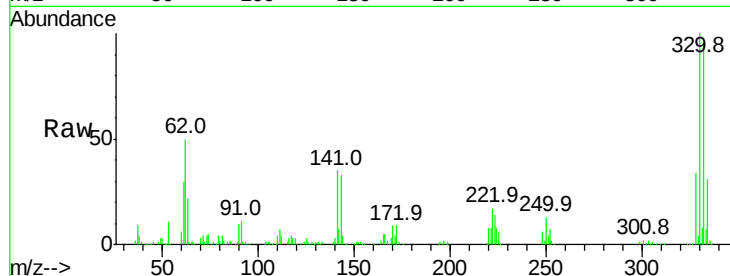




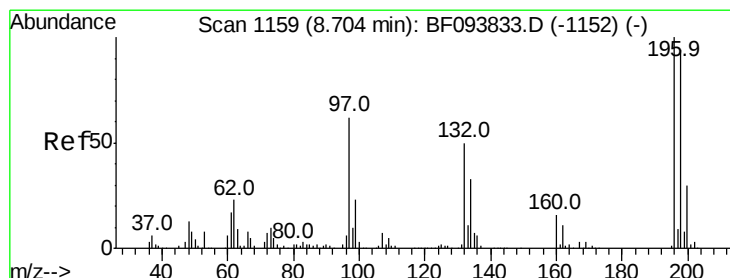
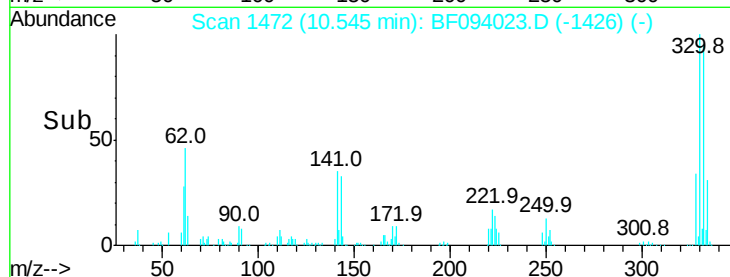
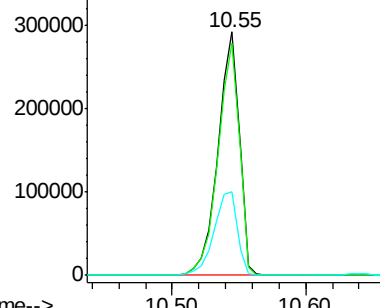
#41
 2,4,6-Tribromophenol
 Concen: 147.79 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	37.9	31.4	47.2

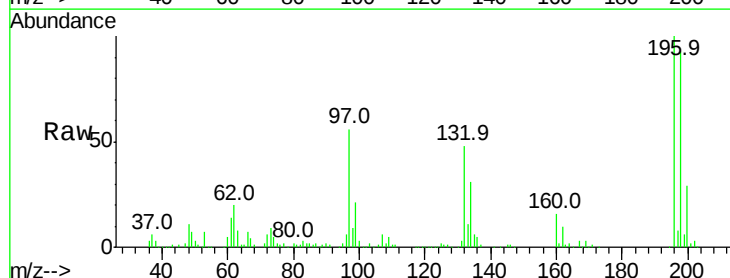


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

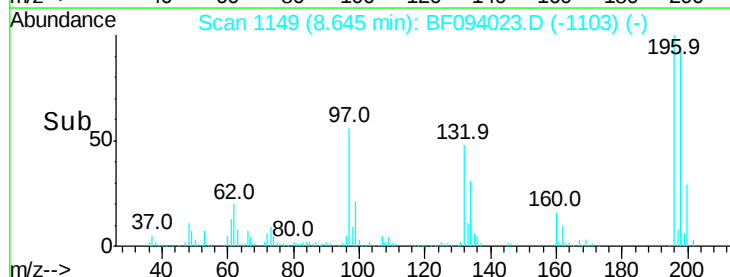
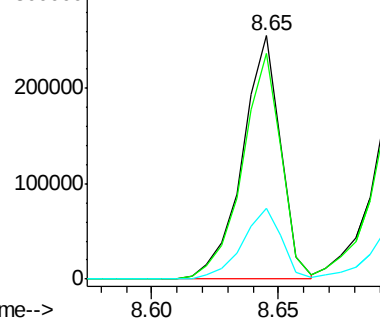


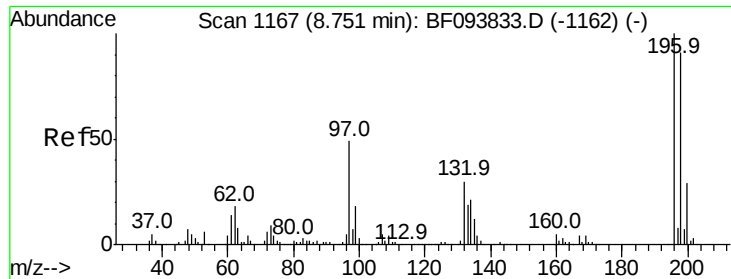
#42
 2,4,6-Trichlorophenol
 Concen: 50.85 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.2	111.4
200	29.3	24.0	36.0



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

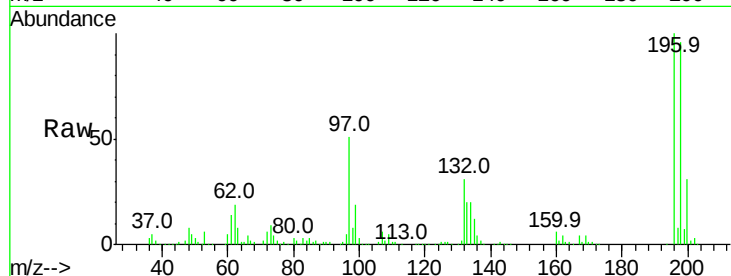




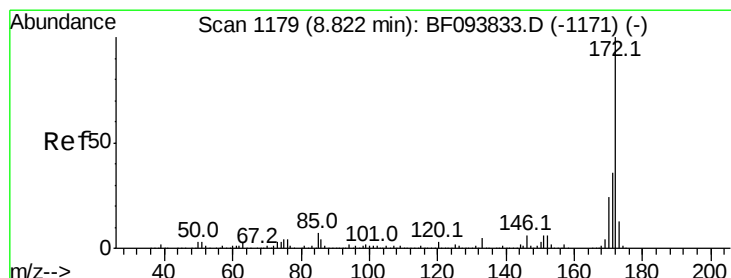
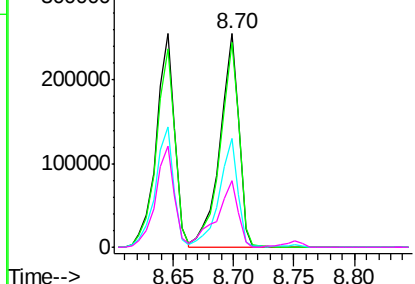
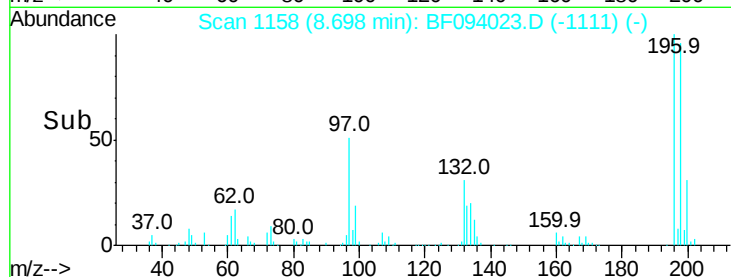
#43
 2,4,5-Trichlorophenol
 Concen: 47.95 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion:196 Resp: 275608
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 97 50.8 47.7 71.5
 132 31.1 28.0 42.0

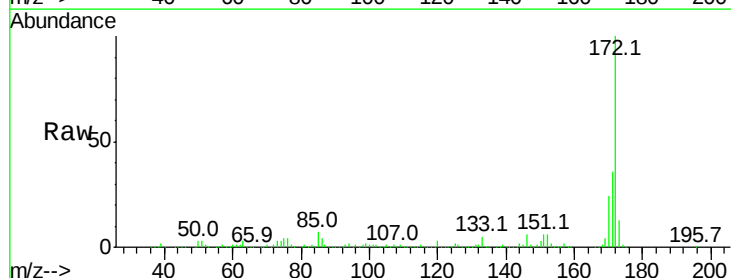


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

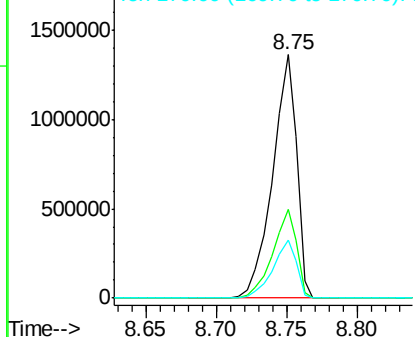
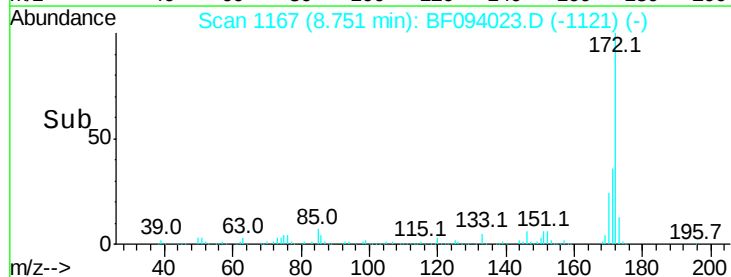


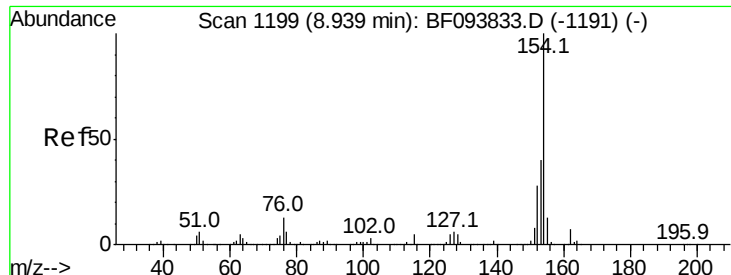
#44
 2-Fluorobiphenyl
 Concen: 90.39 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion:172 Resp: 1626551
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 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

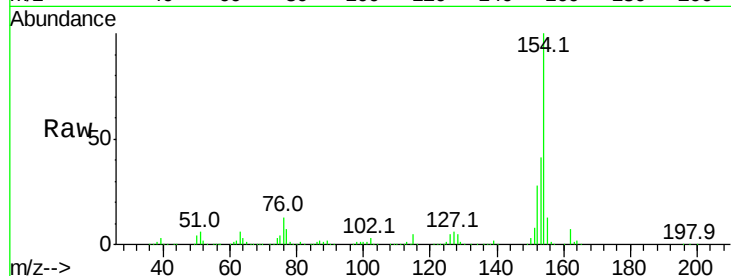




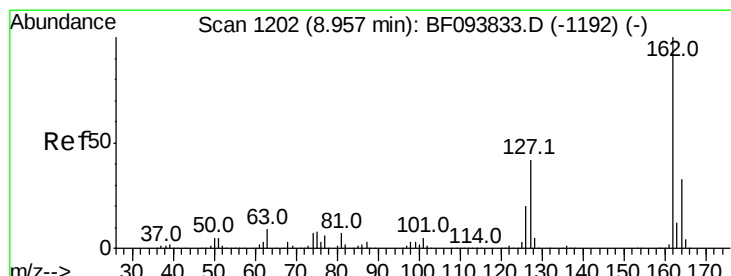
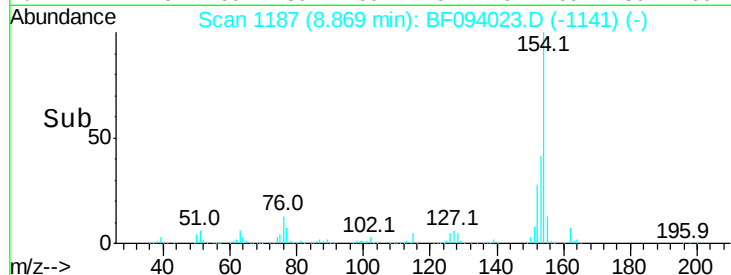
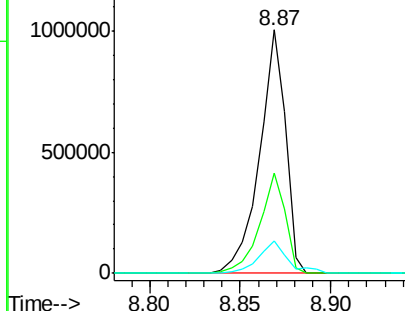
#45
 1,1'-Biphenyl
 Concen: 45.25 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleID :
 PB97900BS

Tot Ion:154 Resp: 1001762
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.2 61.2
 76 13.2 0.0 29.9

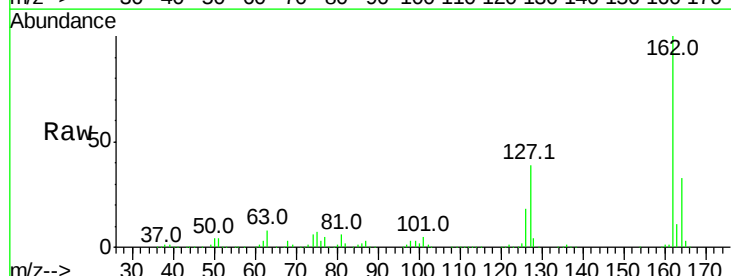


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

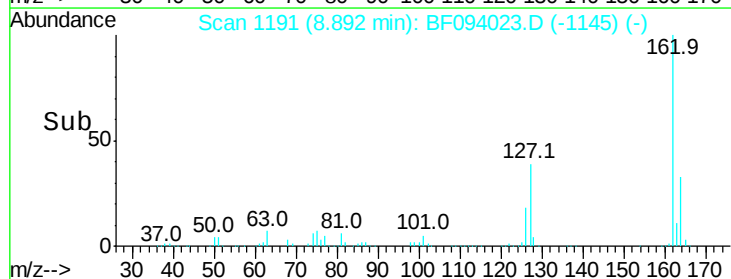
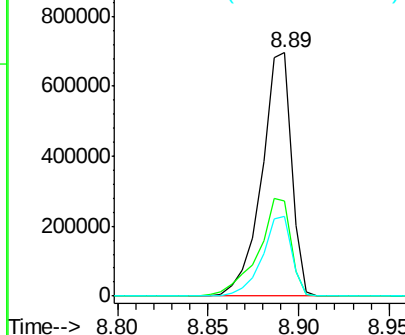


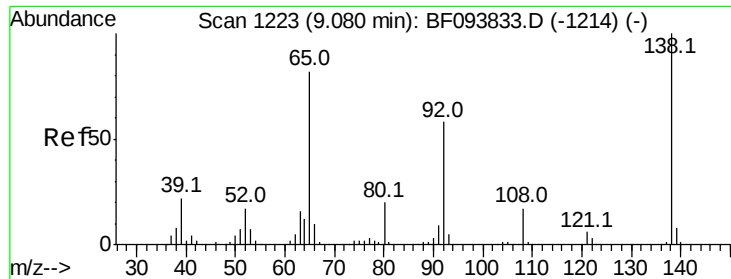
#46
 2-Chloronaphthalene
 Concen: 45.86 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion:162 Resp: 794776
 Ion Ratio Lower Upper
 162 100
 127 39.2 28.3 42.5
 164 33.0 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

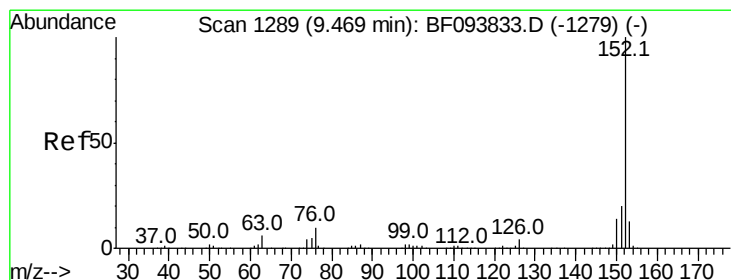
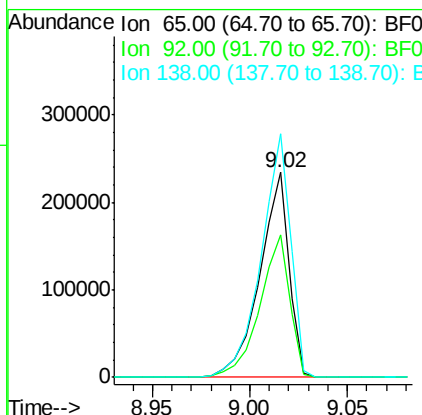
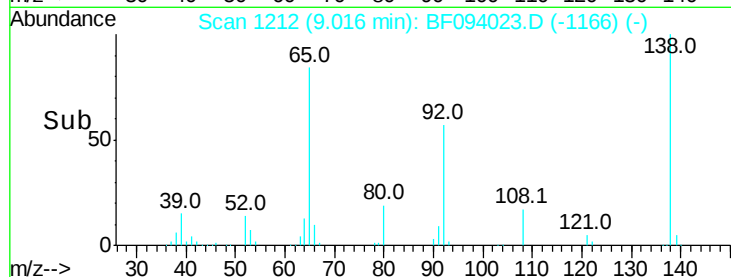
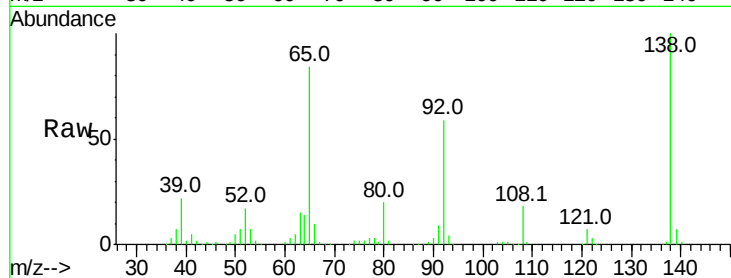




#47
2-Nitroaniline
Concen: 47.40 ng
RT: 9.02 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

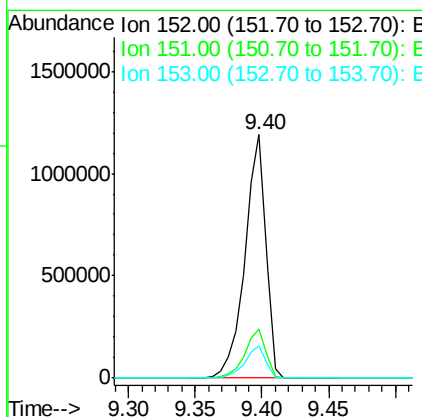
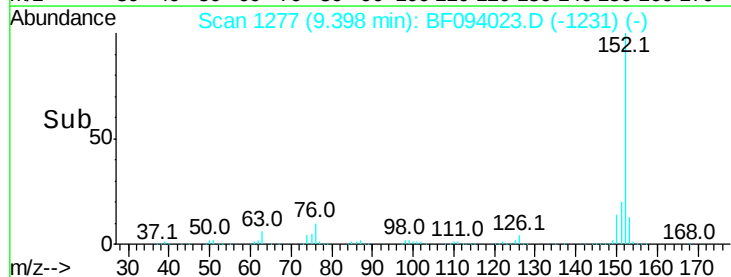
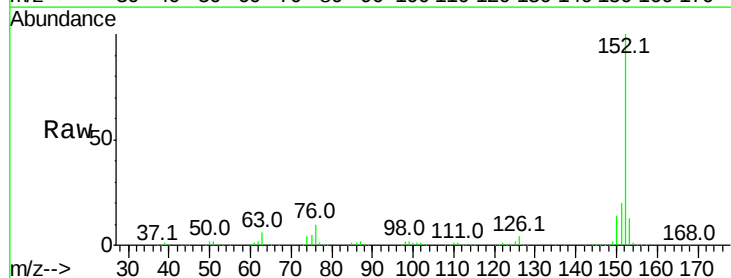
Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion: 65 Resp: 243699
Ion Ratio Lower Upper
65 100
92 69.8 53.9 80.9
138 118.9 78.8 118.2#



#48
Acenaphthylene
Concen: 44.10 ng
RT: 9.40 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion:152 Resp: 1270123
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 47.70 ng

RT: 9.26 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

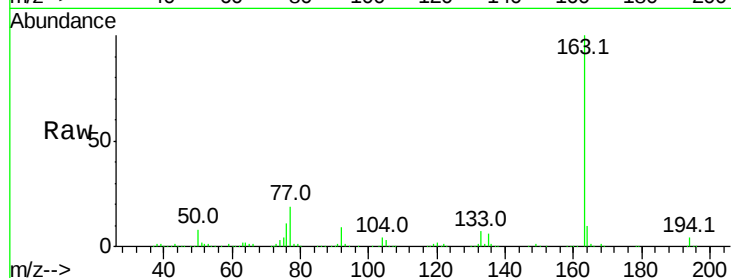
Tot Ion:163 Resp: 930684

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

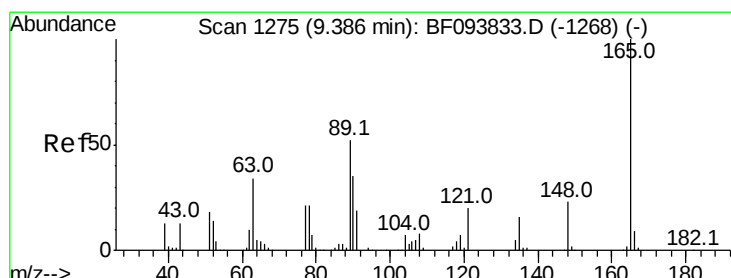
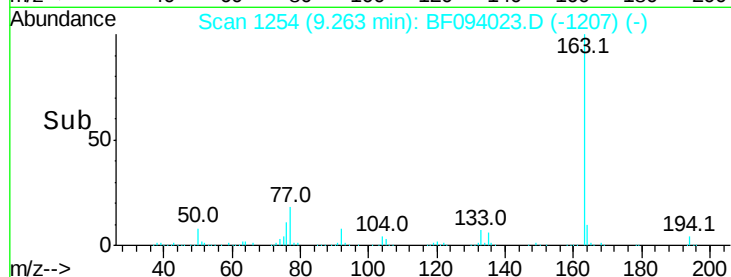
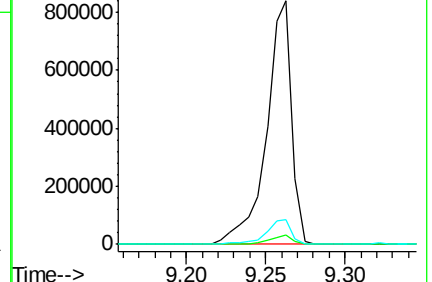
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.34 ng

RT: 9.32 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

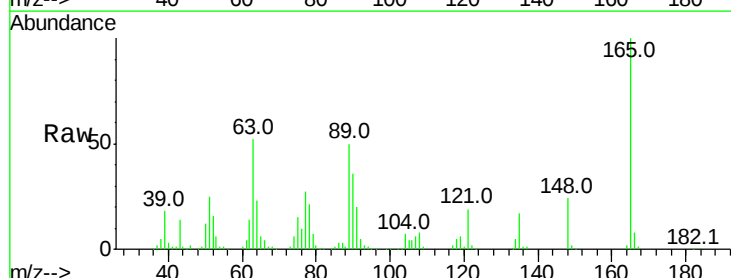
Tgt Ion:165 Resp: 216195

Ion Ratio Lower Upper

165 100

63 52.2 34.3 51.5#

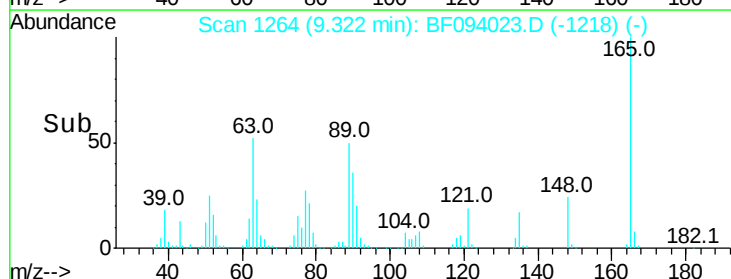
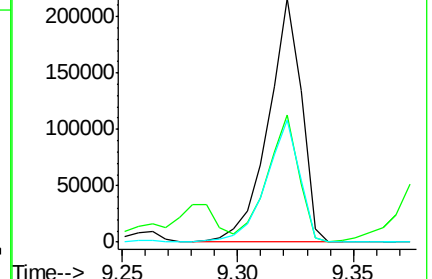
89 50.1 37.1 55.7

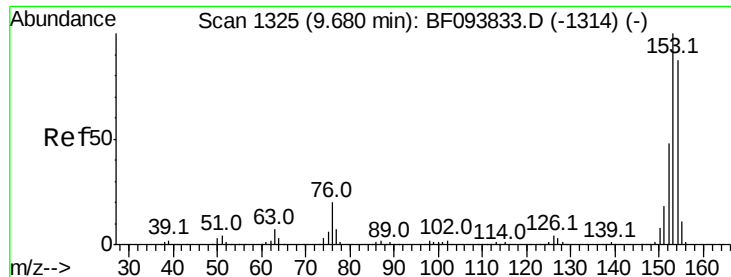


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.56 ng

RT: 9.61 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

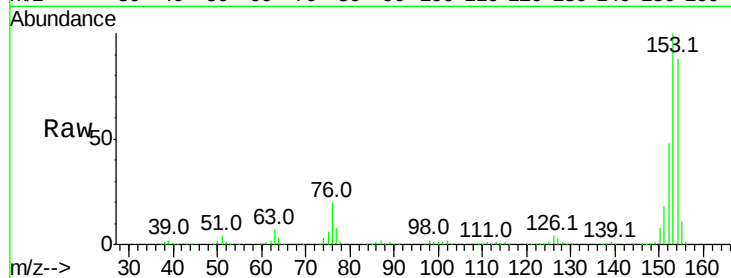
Tot Ion:154 Resp: 748953

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

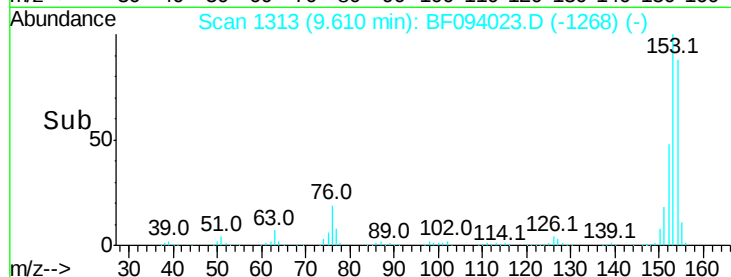
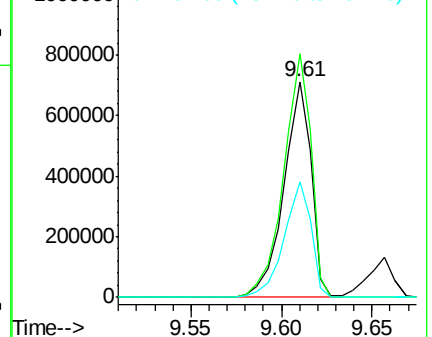
152 53.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.87 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

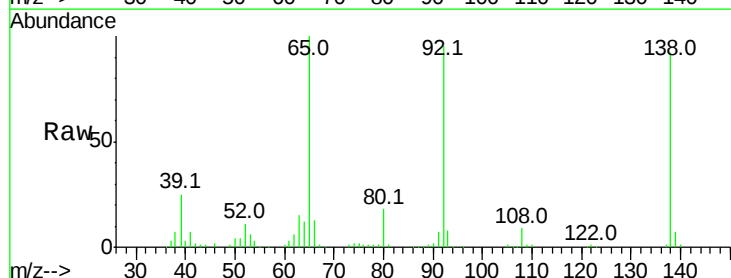
Tgt Ion:138 Resp: 146391

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

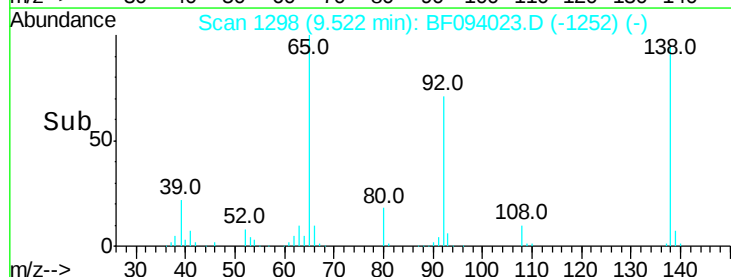
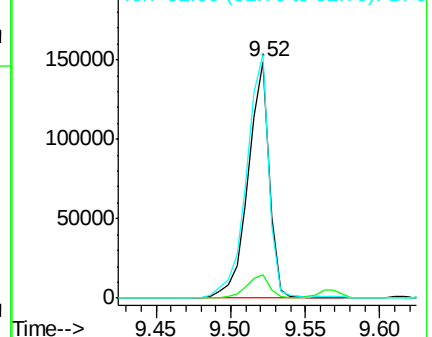
92 102.9 93.8 140.6



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

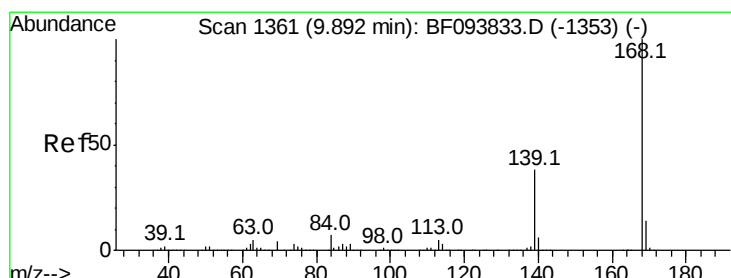
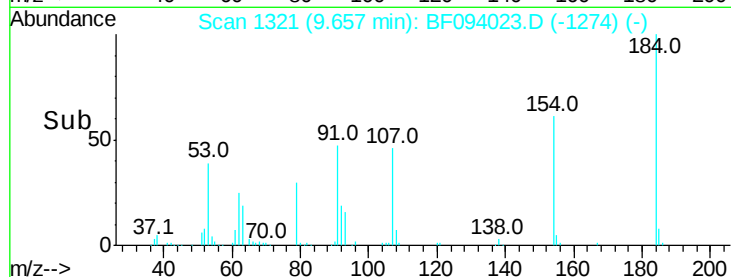
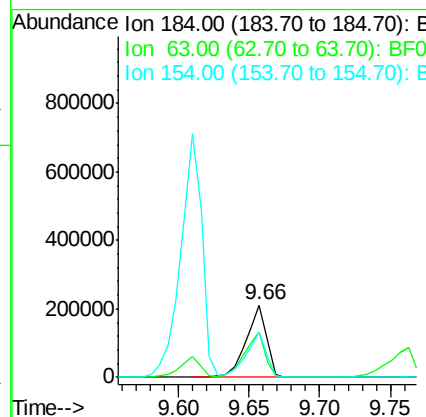
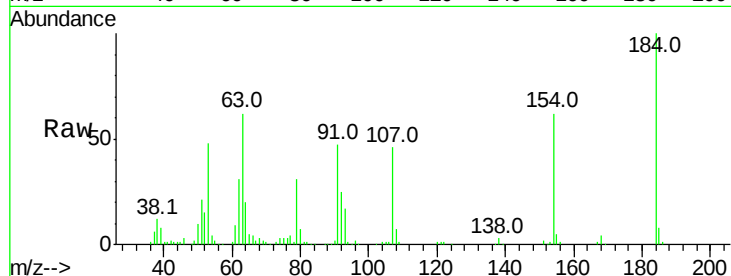




#53
 2,4-Dinitrophenol
 Concen: 89.07 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

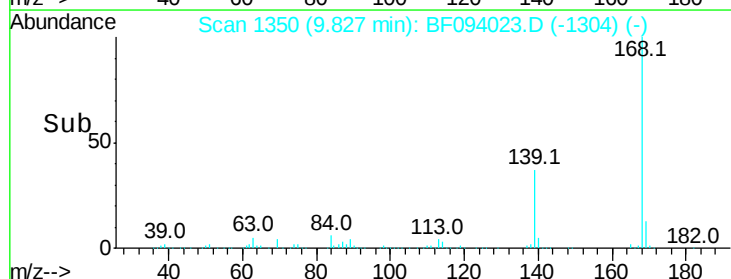
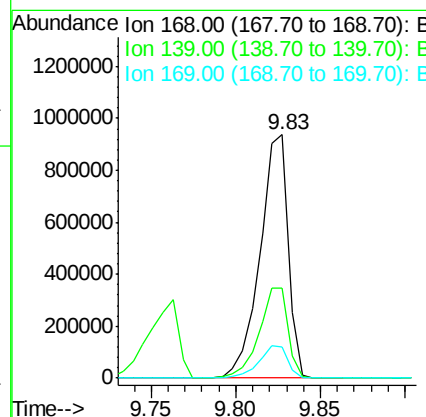
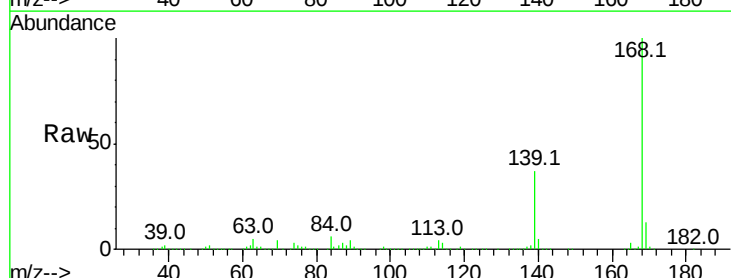
Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

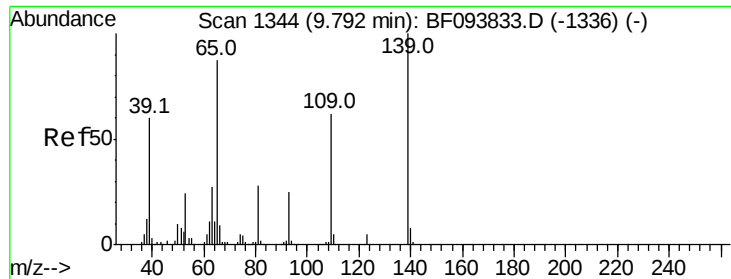
Tot Ion:184 Resp: 214526
 Ion Ratio Lower Upper
 184 100
 63 62.4 62.7 94.1#
 154 61.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 47.52 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion:168 Resp: 1087195
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 12.9 10.8 16.2





#55

4-Nitrophenol

Concen: 90.75 ng

RT: 9.76 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

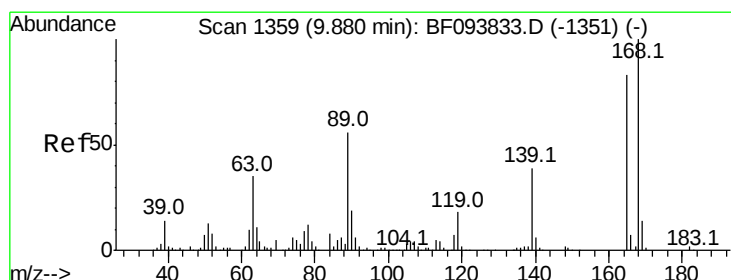
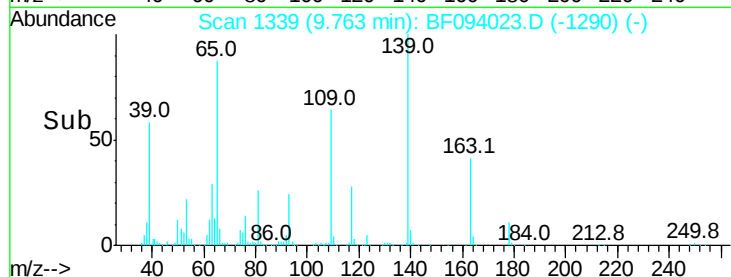
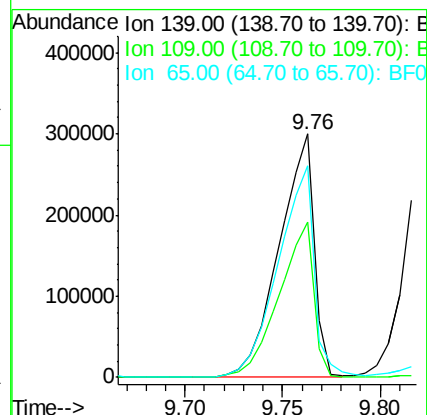
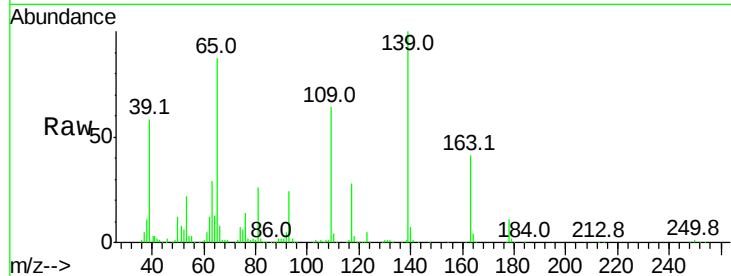
Tot Ion:139 Resp: 373238

Ion Ratio Lower Upper

139 100

109 63.6 34.1 74.1

65 87.0 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 48.62 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion:165 Resp: 273166

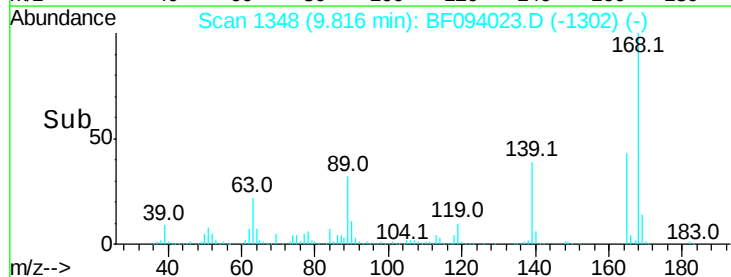
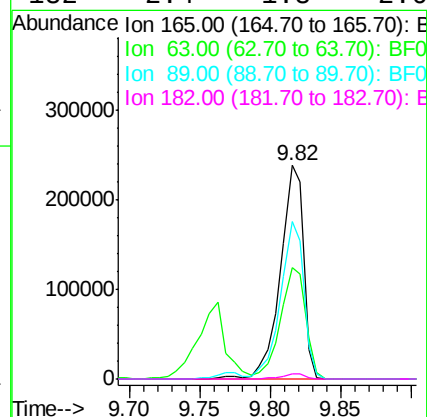
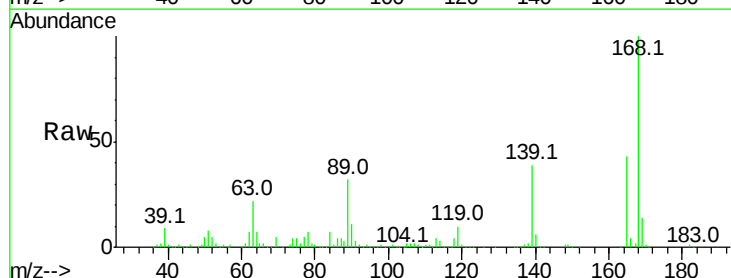
Ion Ratio Lower Upper

165 100

63 52.0 25.4 38.0#

89 73.9 46.4 69.6#

182 2.4 1.8 2.6

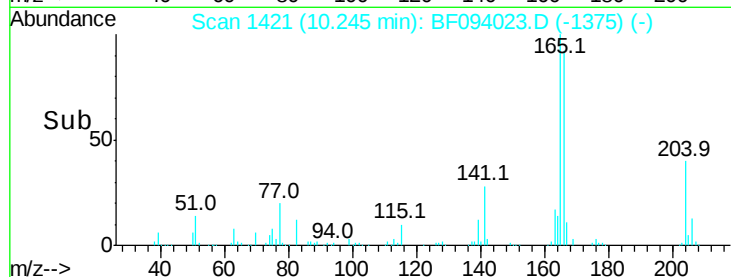
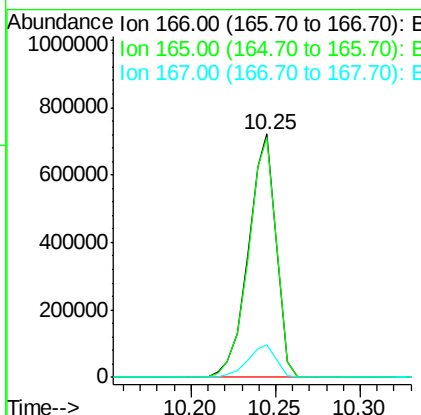
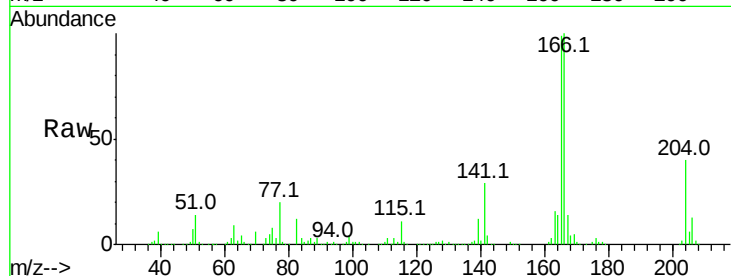




#57
Fluorene
 Concen: 43.29 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

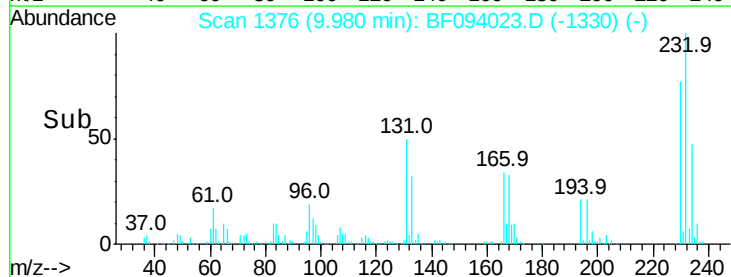
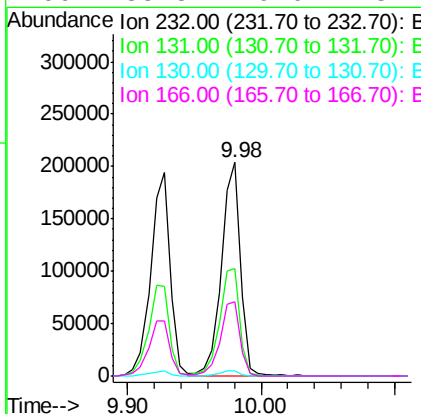
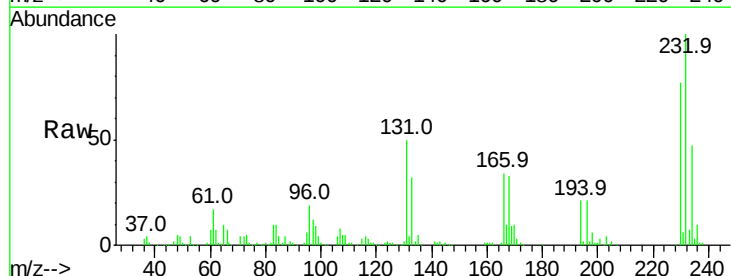
Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

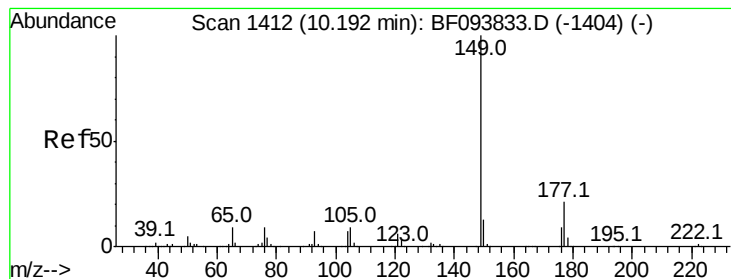
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	13.5	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.37 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	44.8	67.2
130	2.5	2.3	3.5
166	35.8	29.0	43.4





#59

Diethylphthalate

Concen: 47.83 ng

RT: 10.13 min Scan# 1401

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampled :

PB97900BS

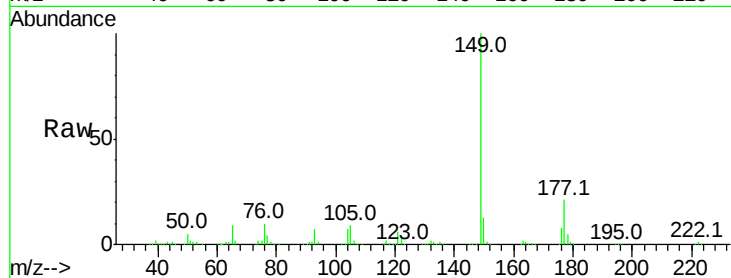
Tot Ion:149 Resp: 922287

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

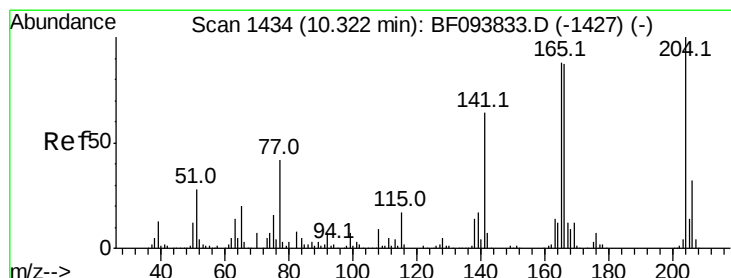
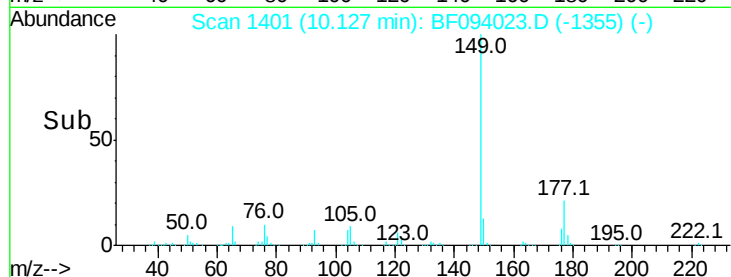
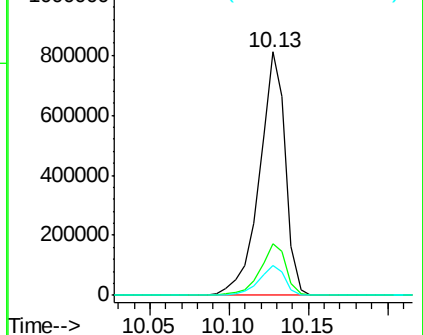
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.57 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

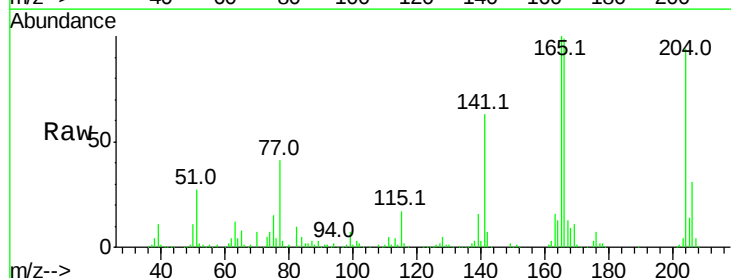
Tgt Ion:204 Resp: 352171

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

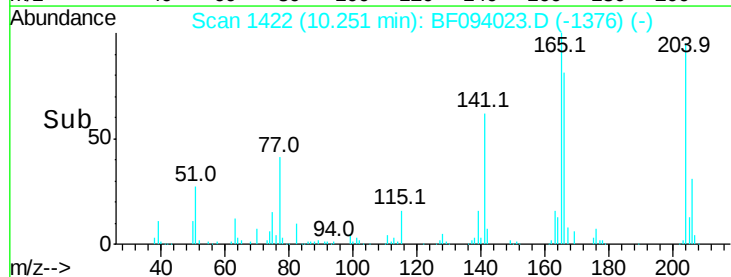
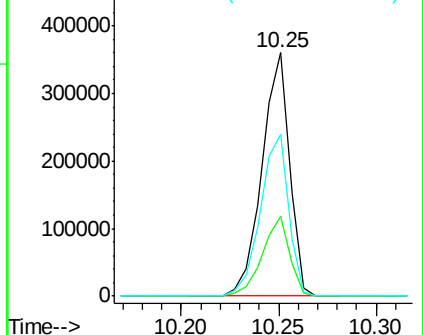
141 66.6 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.46 ng

RT: 10.28 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

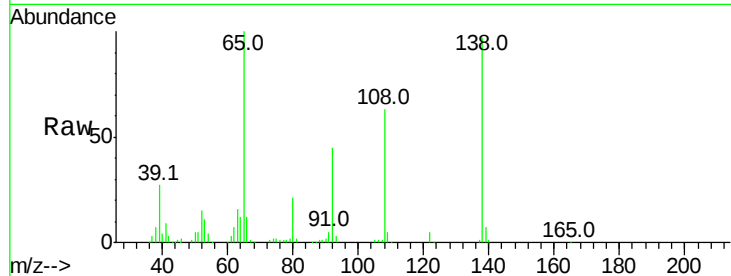
Tot Ion:138 Resp: 244213

Ion Ratio Lower Upper

138 100

92 46.7 21.8 61.8

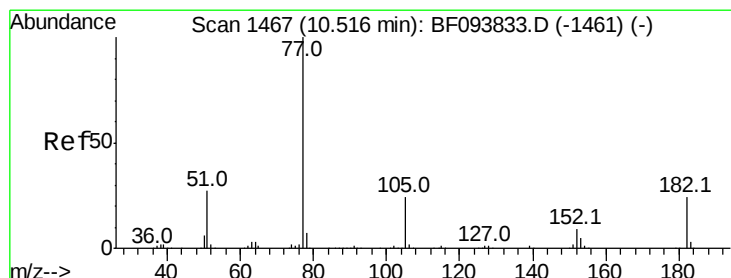
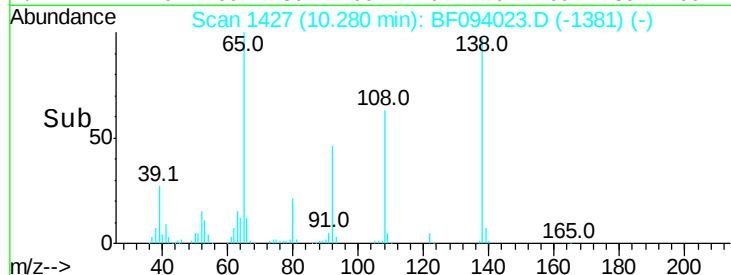
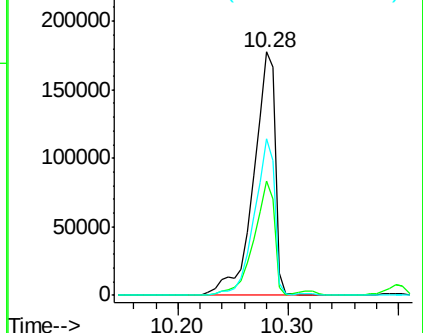
108 64.3 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.32 ng

RT: 10.45 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion: 77 Resp: 899697

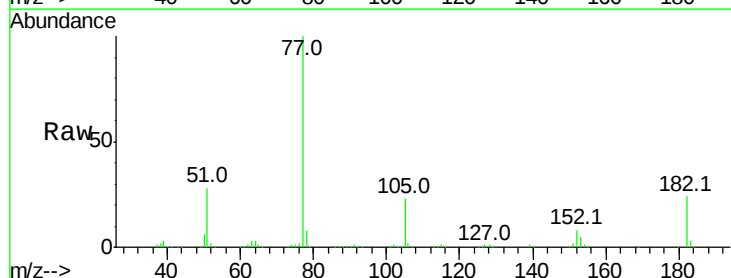
Ion Ratio Lower Upper

77 100

182 23.6 0.1 40.1

105 23.5 3.6 43.6

51 27.7 9.4 49.4

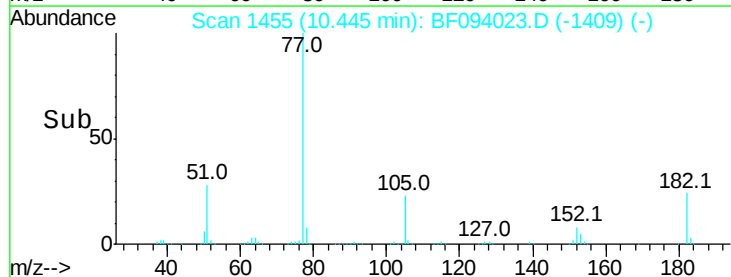
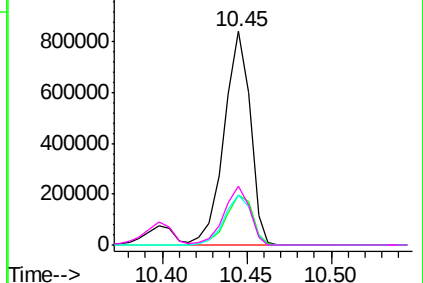


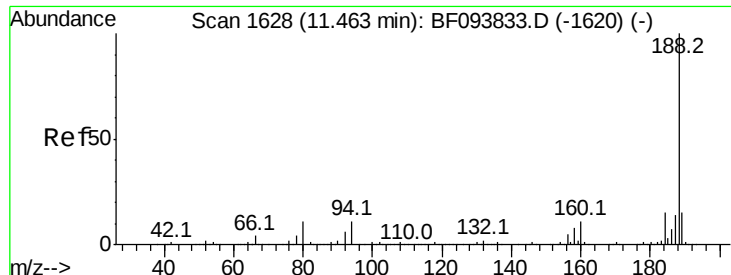
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1616

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

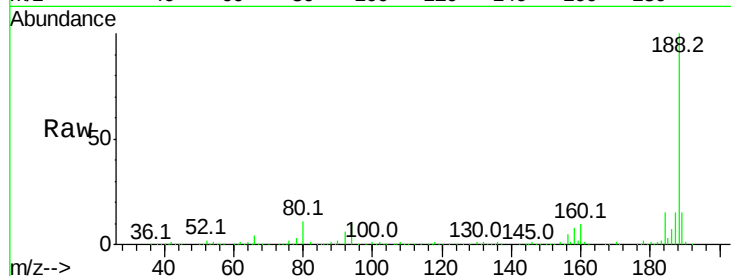
Tot Ion:188 Resp: 491703

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

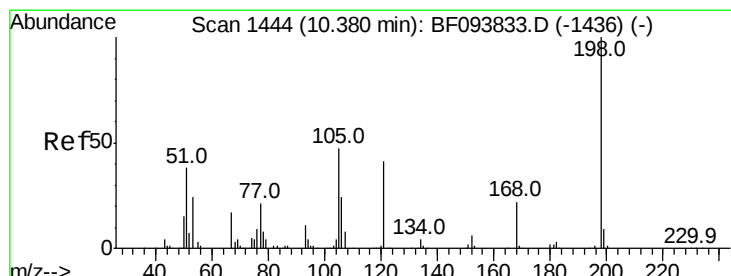
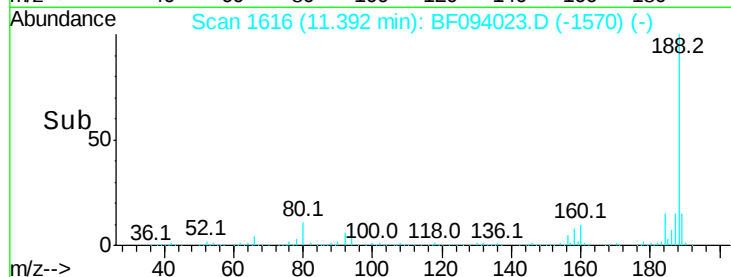
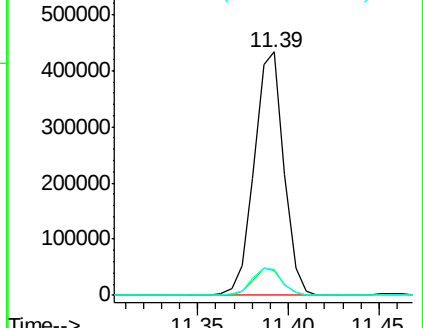
80 10.6 10.2 15.2



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: 48.93 ng

RT: 10.32 min Scan# 1434

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

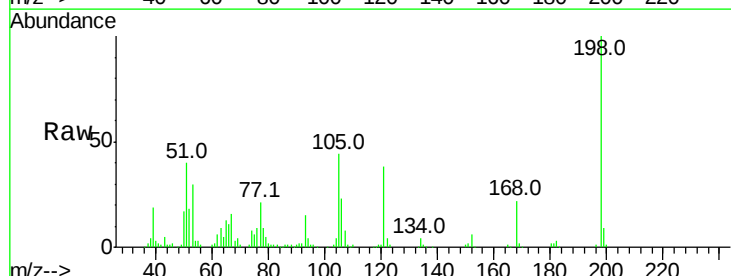
Tgt Ion:198 Resp: 147357

Ion Ratio Lower Upper

198 100

51 39.7 53.2 93.2#

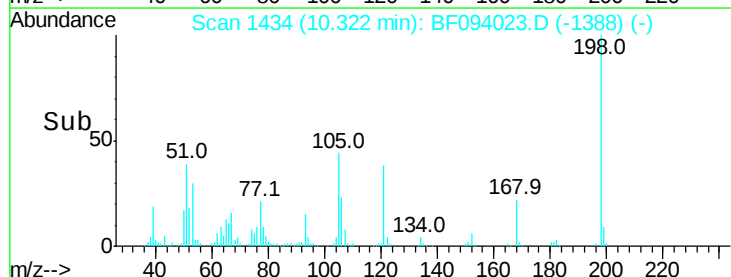
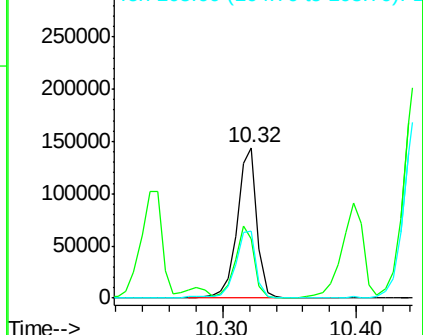
105 44.2 45.8 85.8#

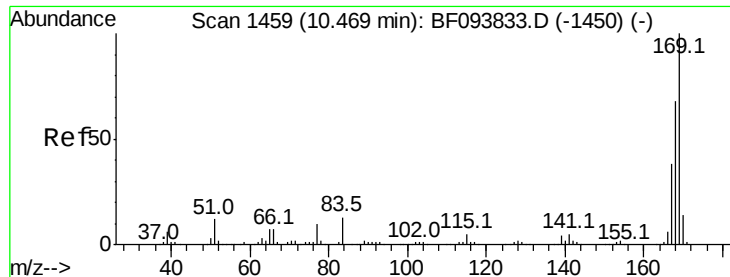


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

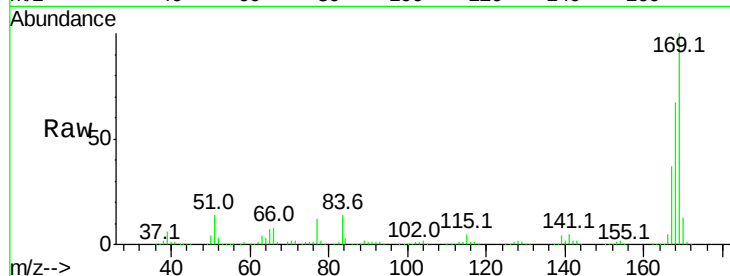




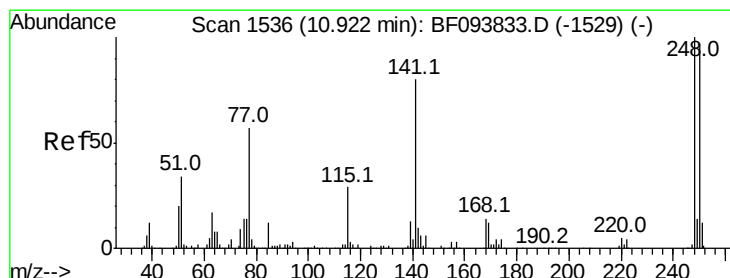
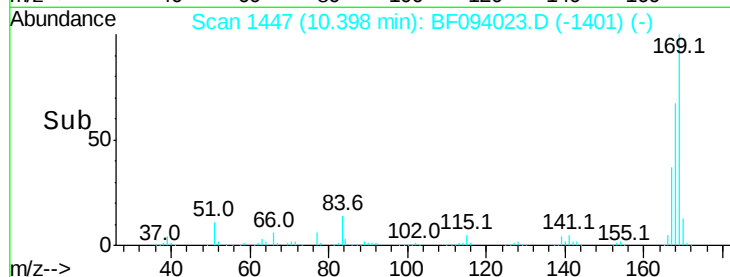
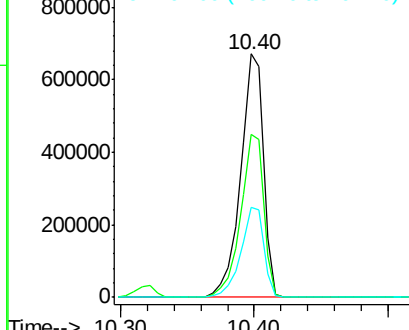
#65
n-Nitrosodiphenylamine
Concen: 46.45 ng
RT: 10.40 min Scan# 1447
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:169 Resp: 789907
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.8 29.5 44.3

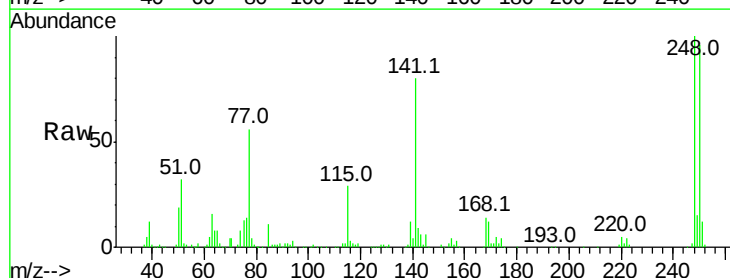


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

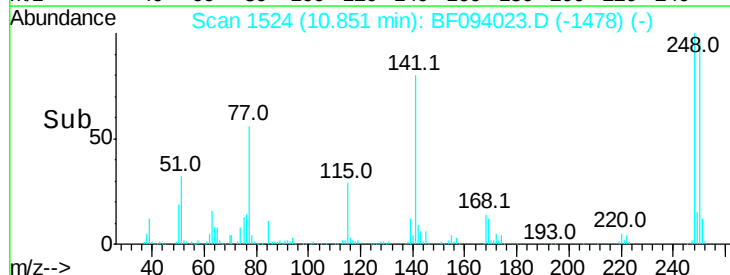
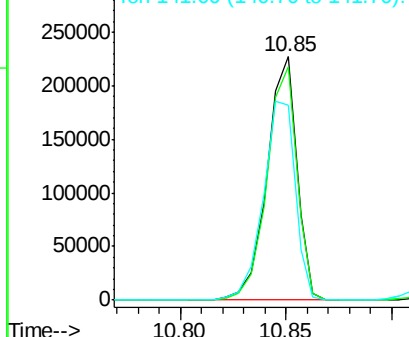


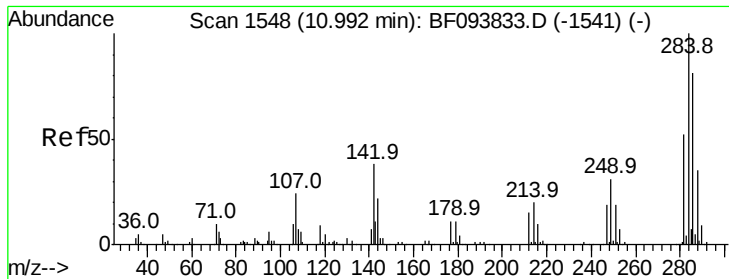
#66
4-Bromophenyl-phenylether
Concen: 46.25 ng
RT: 10.85 min Scan# 1524
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion:248 Resp: 223656
Ion Ratio Lower Upper
248 100
250 95.9 76.8 115.2
141 80.1 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: 47.49 ng

RT: 10.92 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

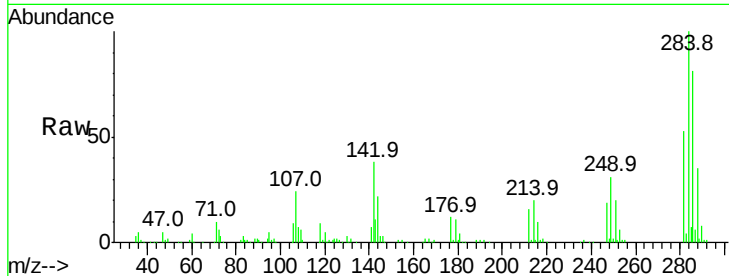
Tot Ion:284 Resp: 232469

Ion Ratio Lower Upper

284 100

142 38.5 22.8 34.2#

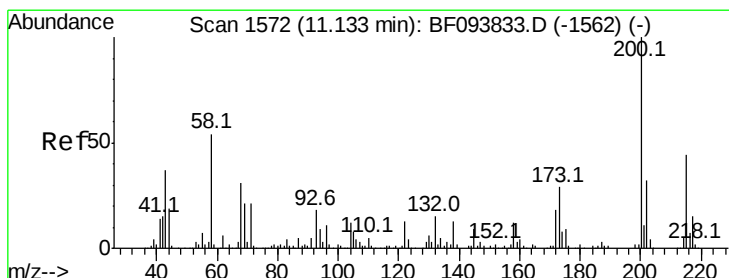
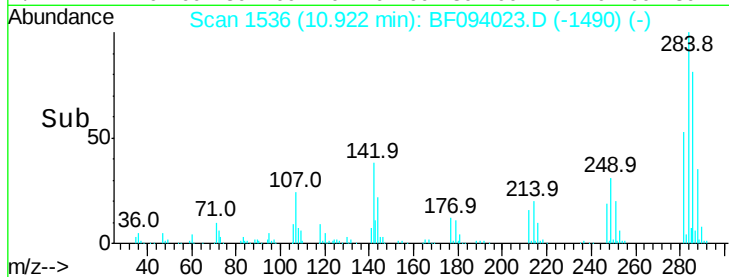
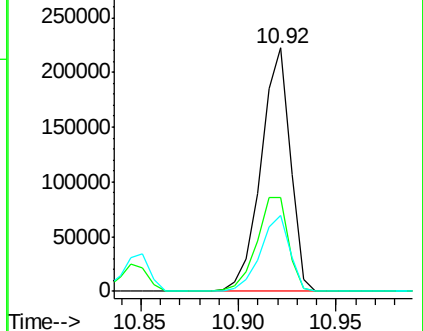
249 31.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.14 ng

RT: 11.07 min Scan# 1561

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

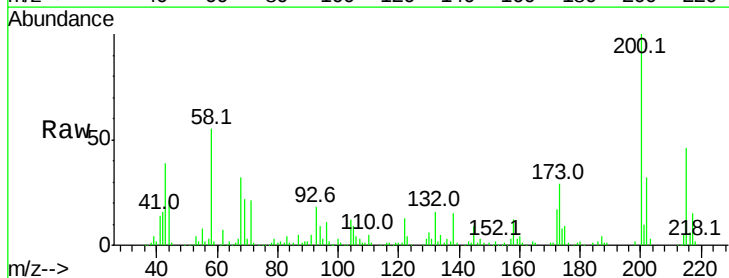
Tgt Ion:200 Resp: 240087

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

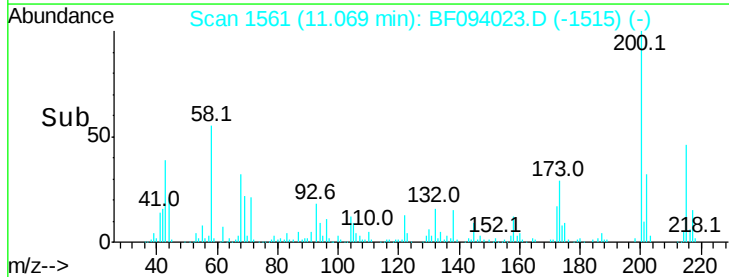
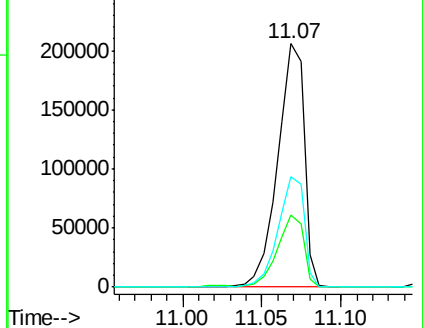
215 45.5 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

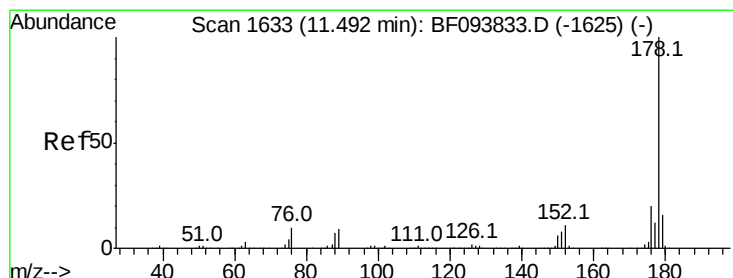
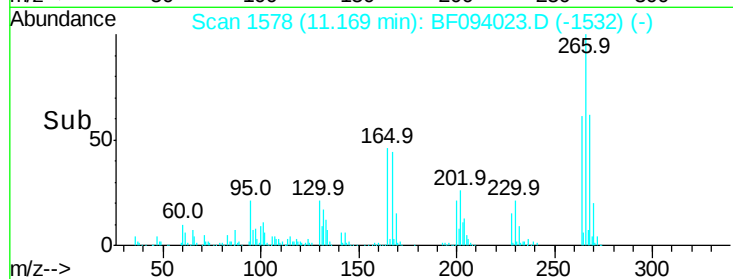
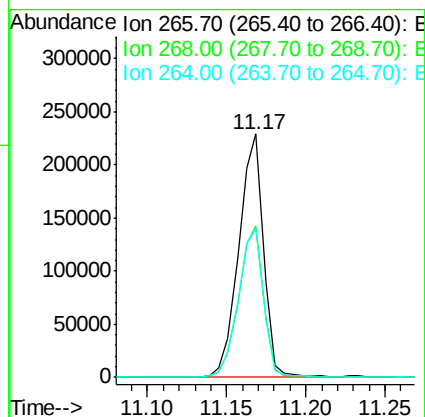
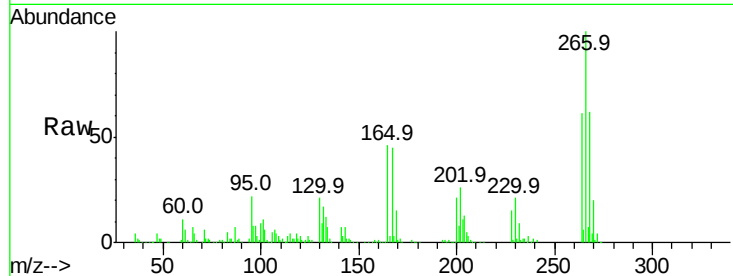




#69
 Pentachlorophenol
 Concen: 80.85 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

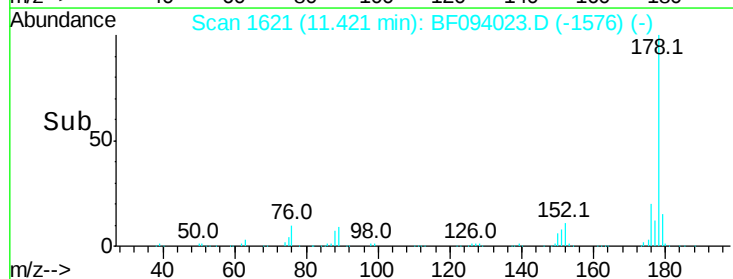
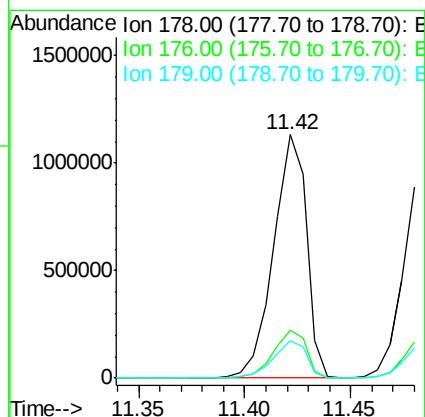
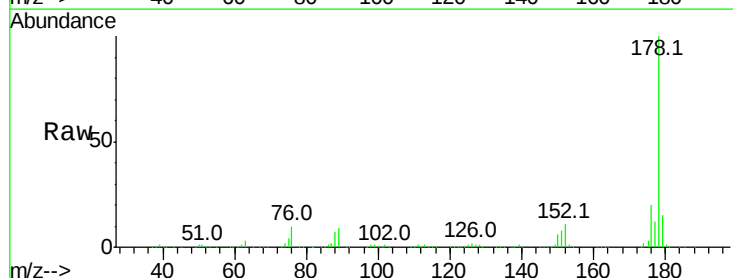
Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

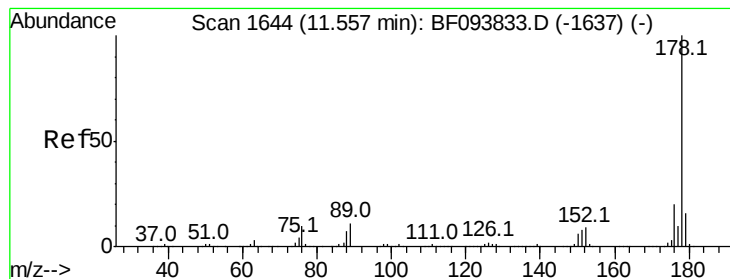
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	61.2	51.7	77.5



#70
 Phenanthrene
 Concen: 45.15 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.5	12.6	19.0





#71

Anthracene

Concen: 46.18 ng

RT: 11.49 min Scan# 1632

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

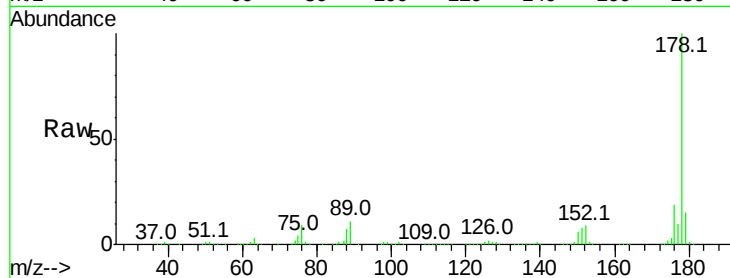
Tot Ion:178 Resp: 1300438

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

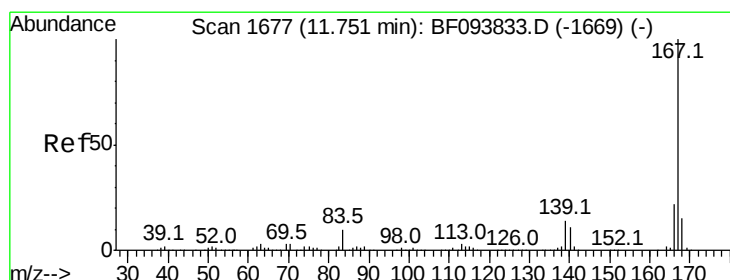
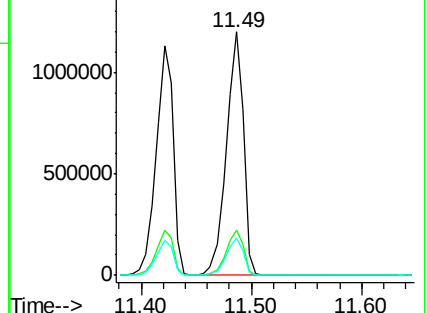
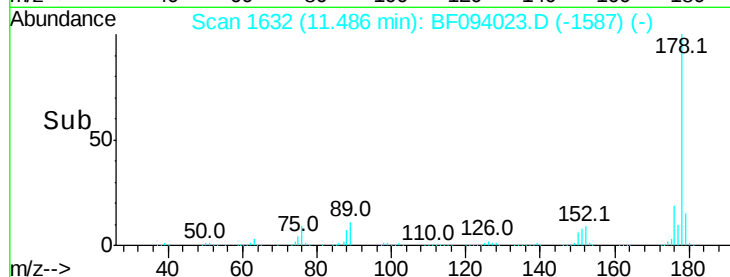
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.35 ng

RT: 11.69 min Scan# 1666

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

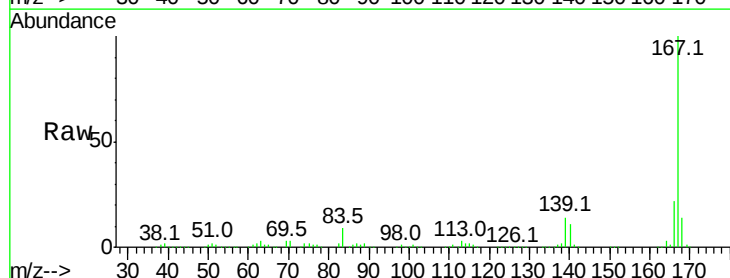
Tgt Ion:167 Resp: 1223010

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

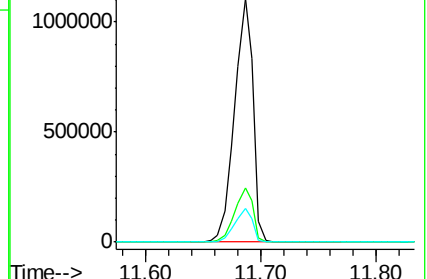
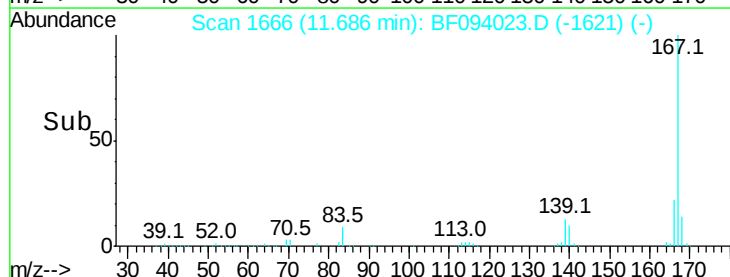
139 13.8 11.7 17.5

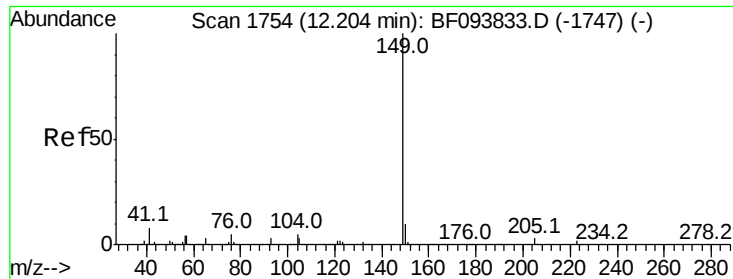


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

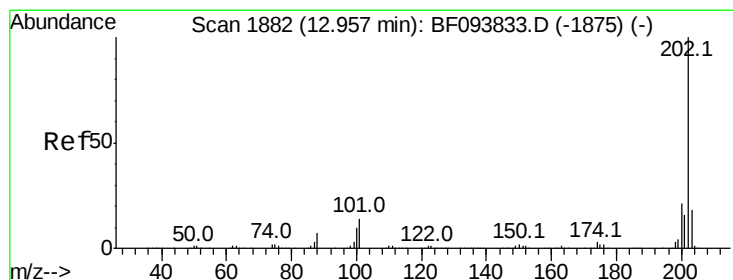
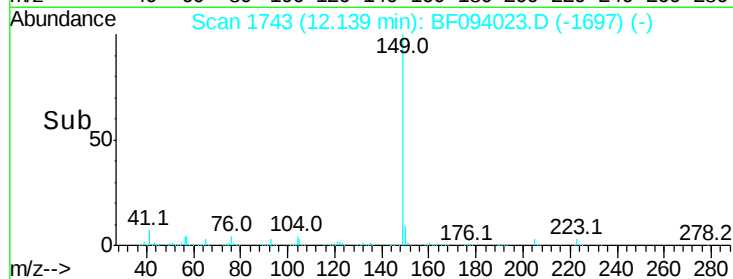
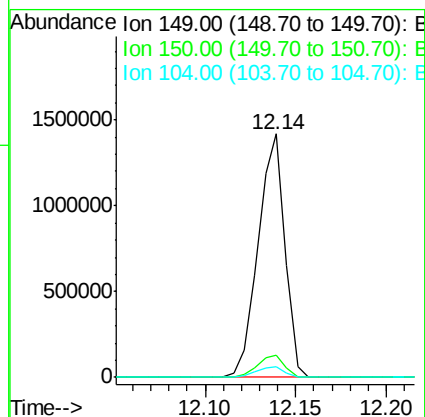
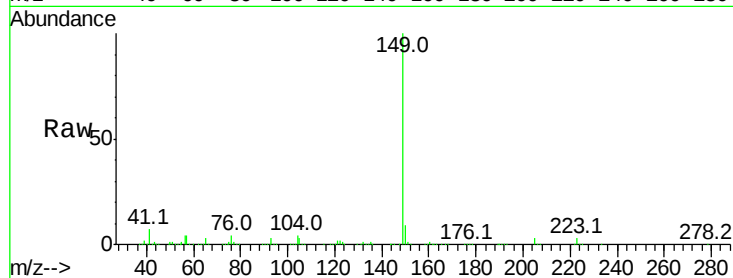




#73
Di-n-butylphthalate
Concen: 48.30 ng
RT: 12.14 min Scan# 1743
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

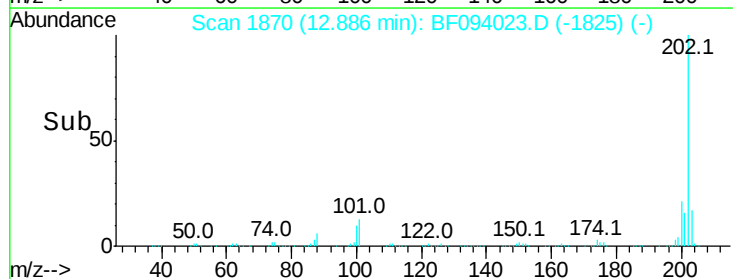
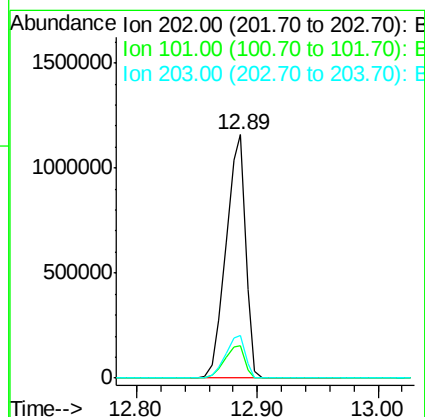
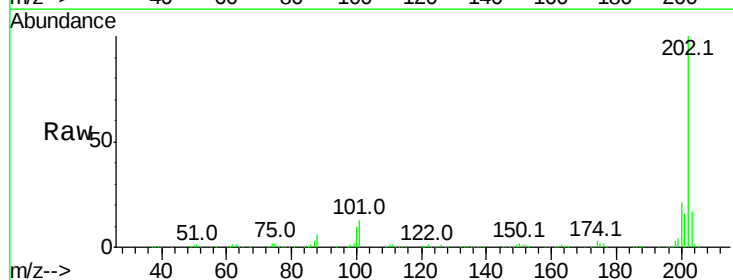
Instrument :
BNA_F
ClientSampleId :
PB97900BS

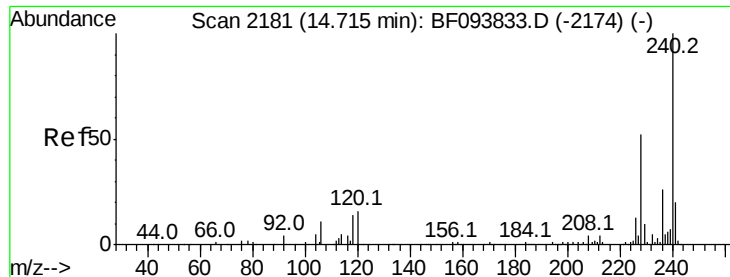
Tot Ion:149 Resp: 1450598
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 46.20 ng
RT: 12.89 min Scan# 1870
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion:202 Resp: 1293927
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.4 0.0 38.1

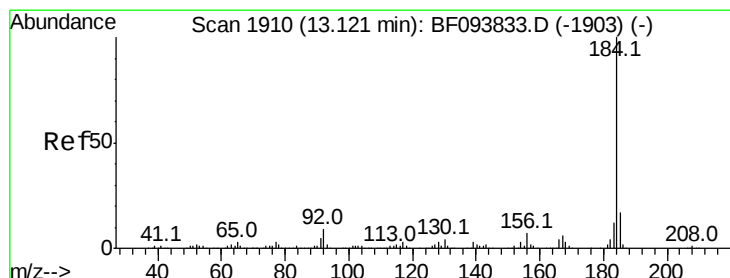
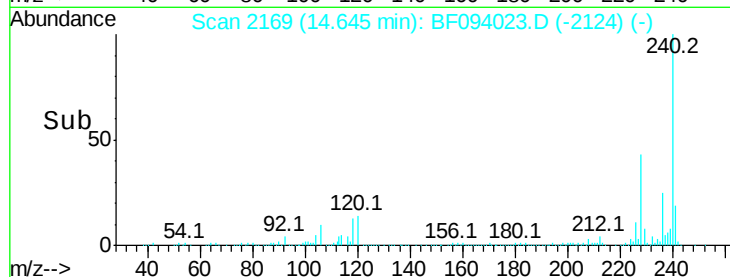
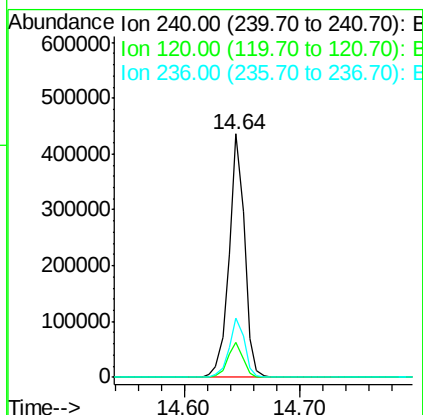
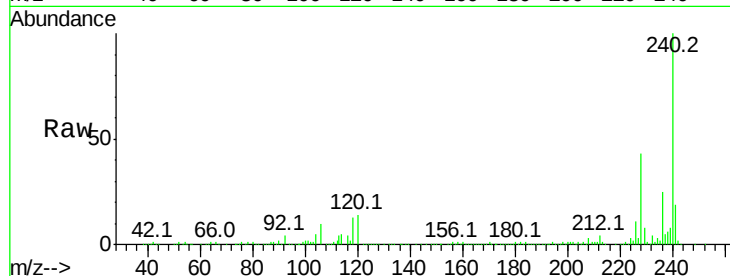




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

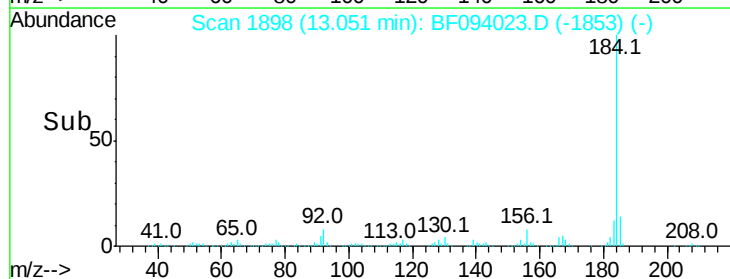
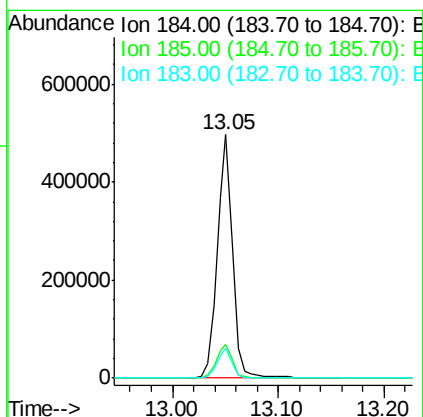
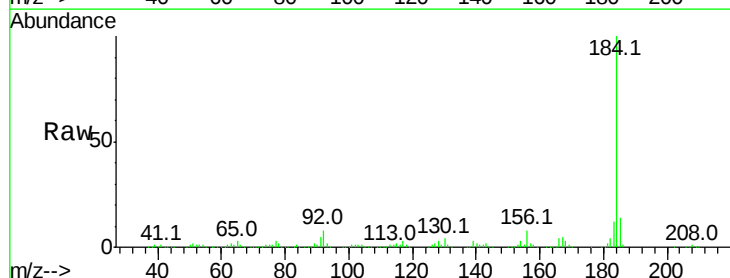
Instrument :
BNA_F
ClientSampleID :
PB97900BS

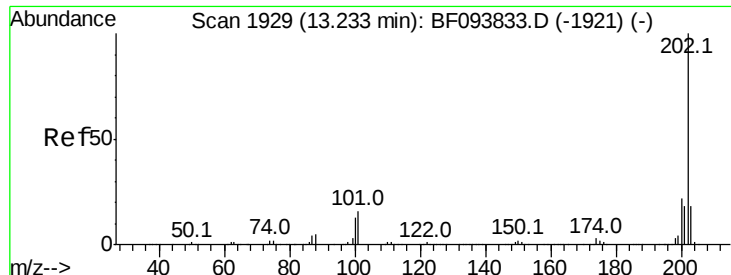
Tot Ion:240 Resp: 402953
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 24.5 20.5 30.7



#76
Benzidine
Concen: 31.98 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion:184 Resp: 510089
Ion Ratio Lower Upper
184 100
185 14.1 15.5 23.3#
183 12.0 9.8 14.6

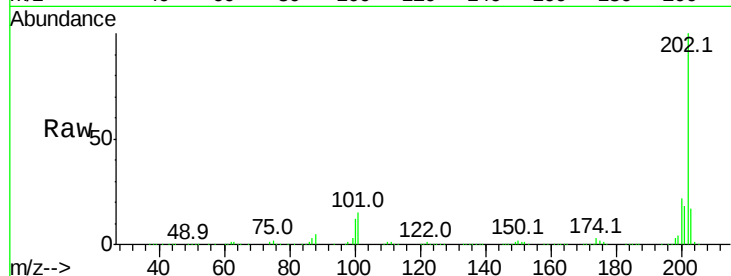




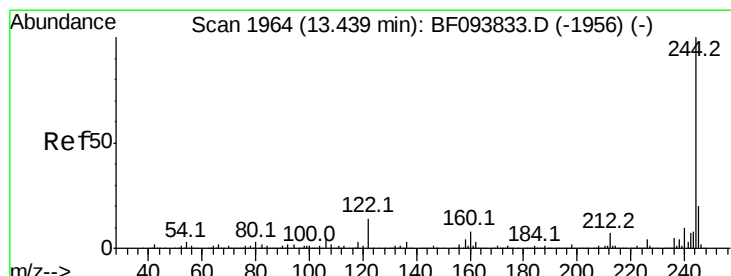
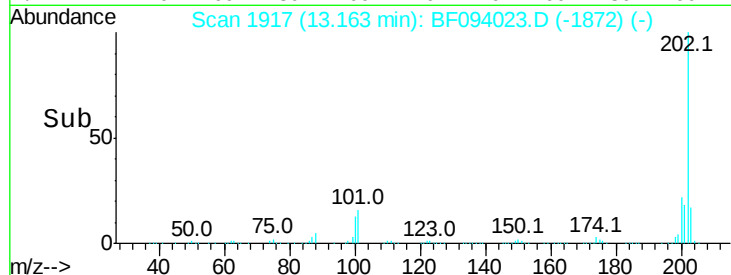
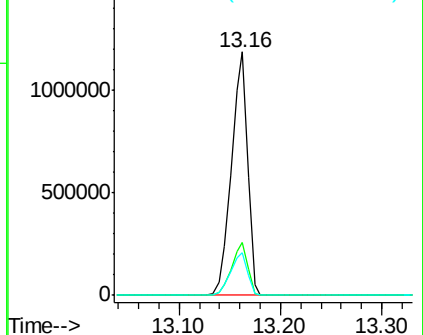
#77
Pvrene
Concen: 45.03 ng
RT: 13.16 min Scan# 1917
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:202 Resp: 1316752
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.3 14.4 21.6

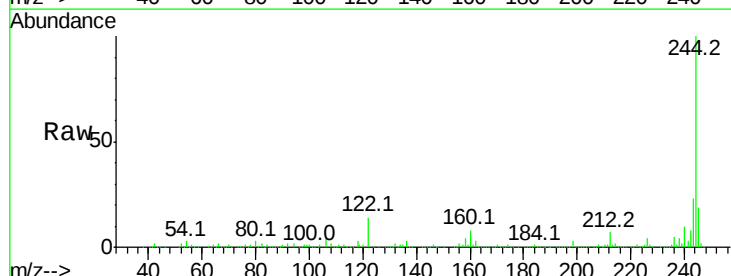


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

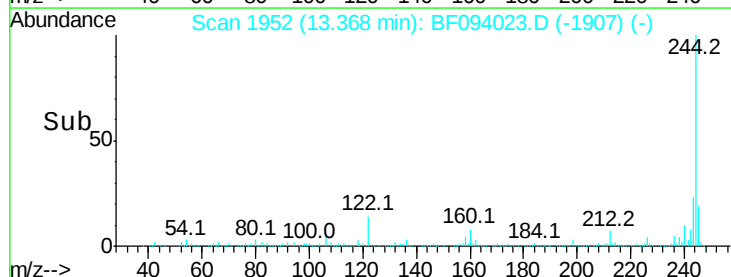
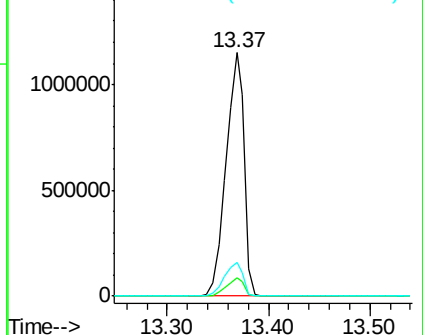


#78
Terphenyl-d14
Concen: 78.69 ng
RT: 13.37 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion:244 Resp: 1414640
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.7 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: 50.67 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

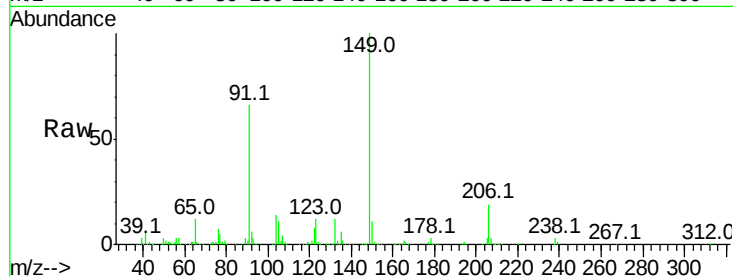
Tot Ion:149 Resp: 631364

Ion Ratio Lower Upper

149 100

91 66.5 45.0 67.4

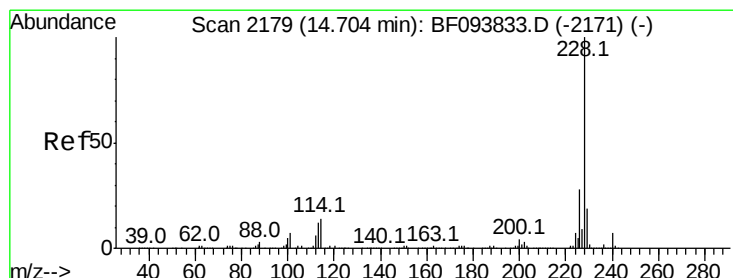
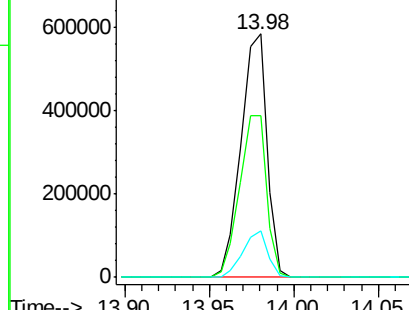
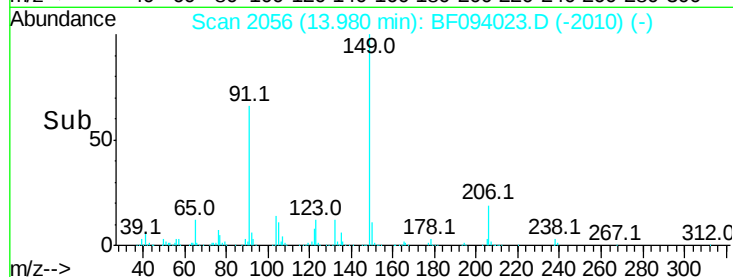
206 18.9 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.78 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

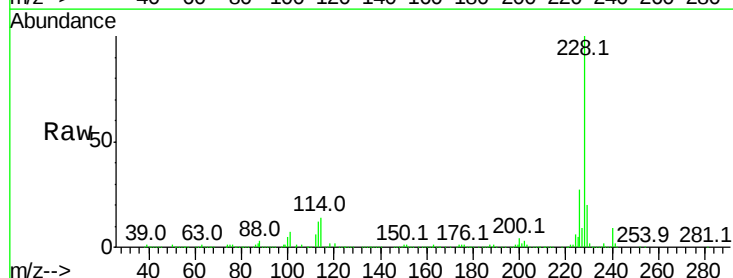
Tgt Ion:228 Resp: 1099214

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

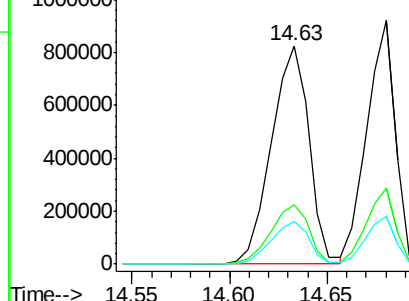
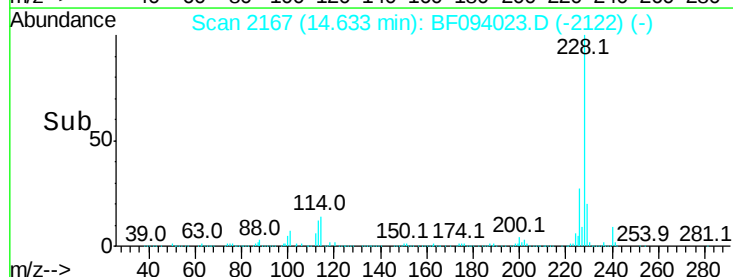
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

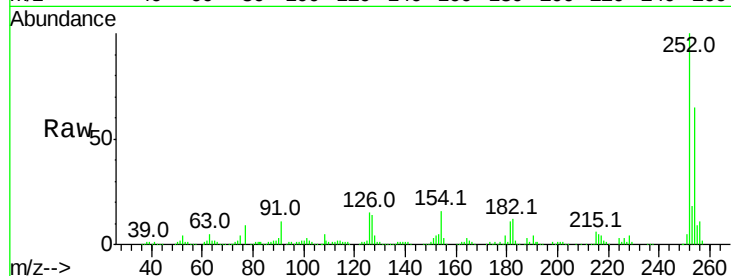




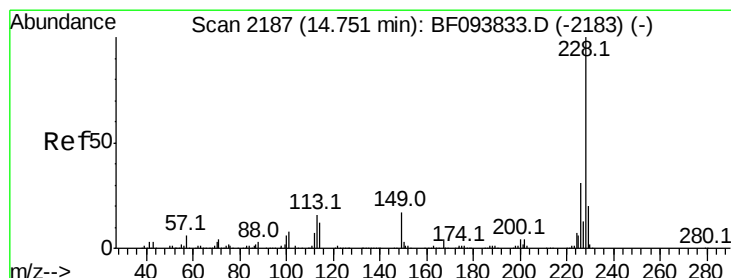
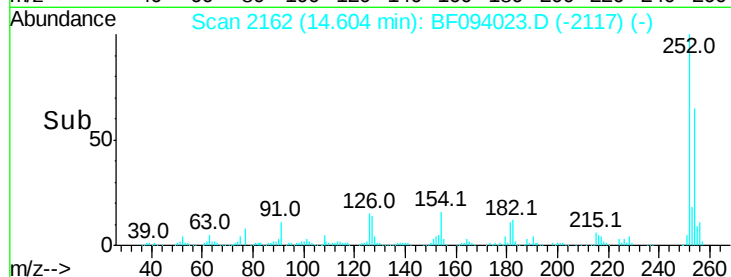
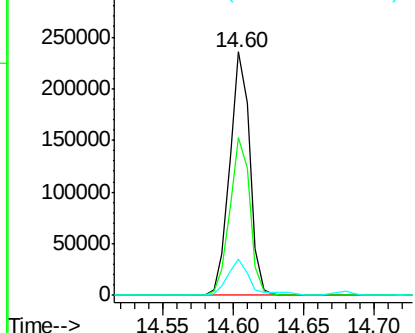
#81
 3,3'-Dichlorobenzidine
 Concen: 27.81 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.5	77.3
126	14.8	15.8	23.8#

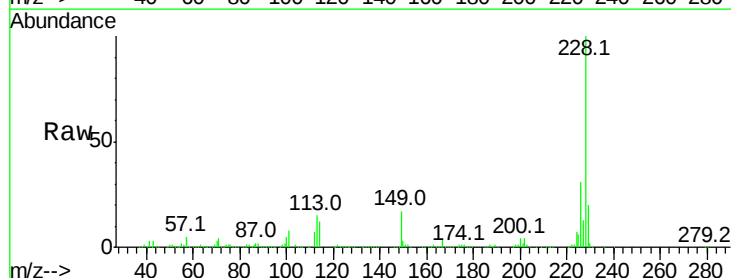


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

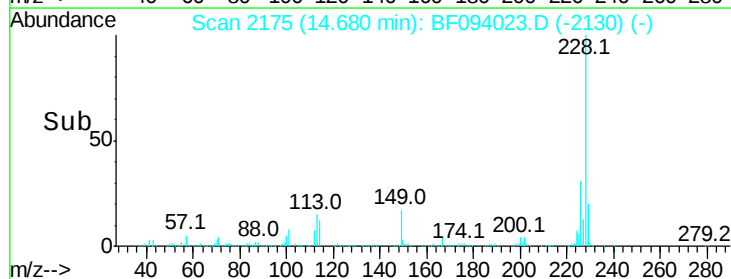
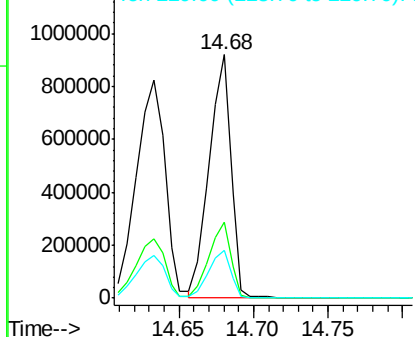


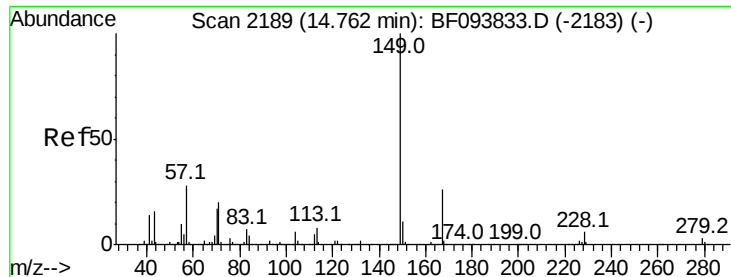
#82
 Chrysene
 Concen: 42.86 ng
 RT: 14.68 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	19.9	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: 49.74 ng

RT: 14.69 min Scan# 2177

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

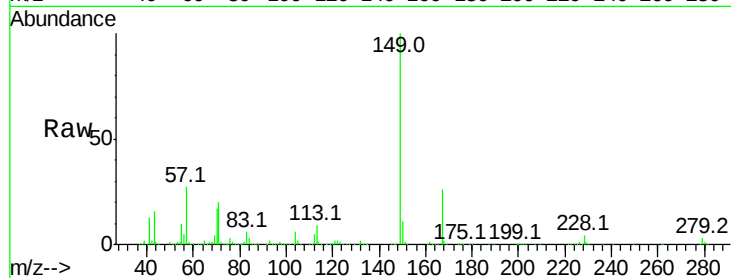
Tot Ion:149 Resp: 845480

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

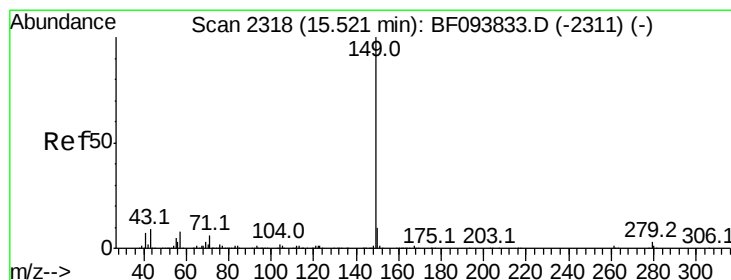
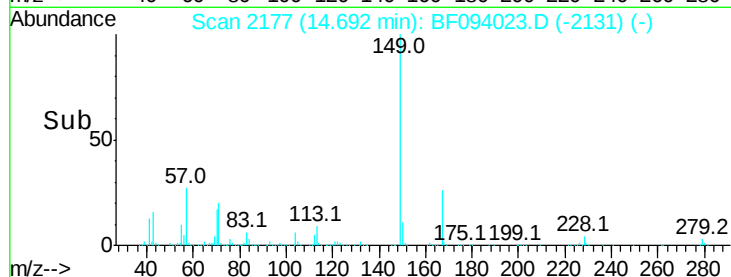
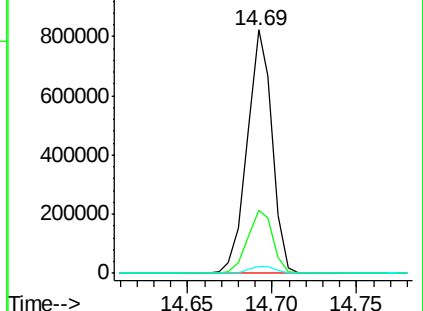
279 2.8 1.9 2.9



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: 49.32 ng

RT: 15.45 min Scan# 2306

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

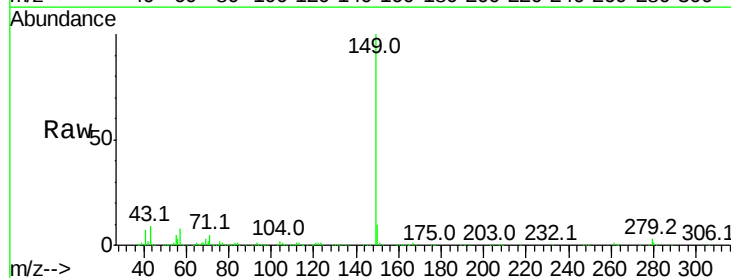
Tgt Ion:149 Resp: 1400631

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

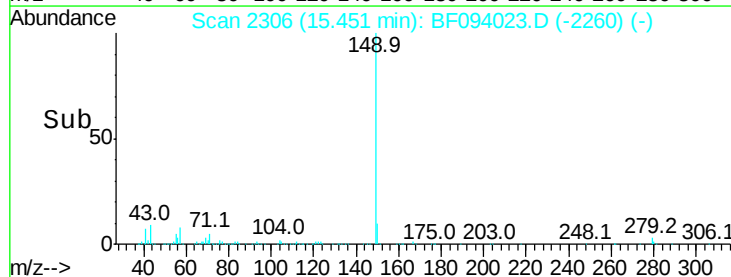
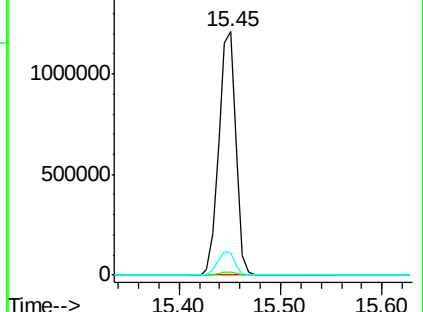
43 9.6 8.5 12.7

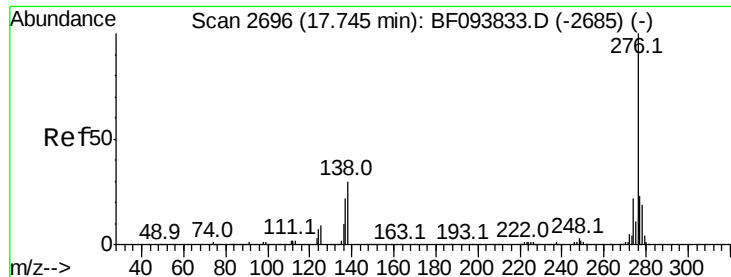


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



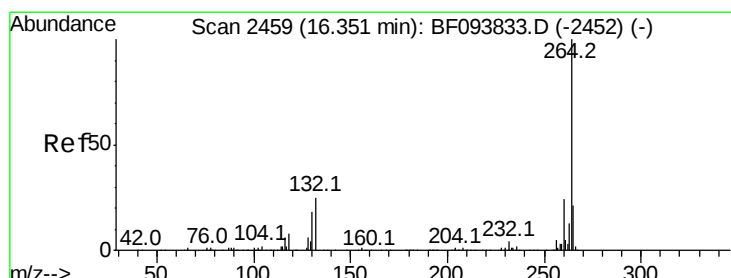
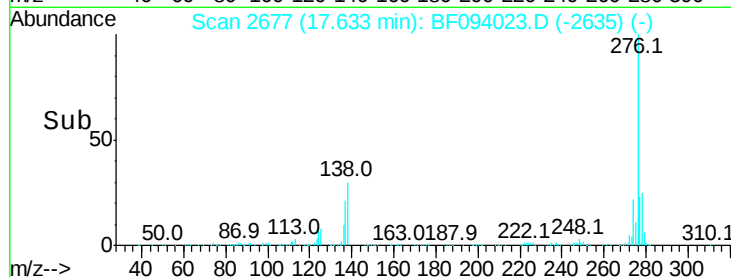
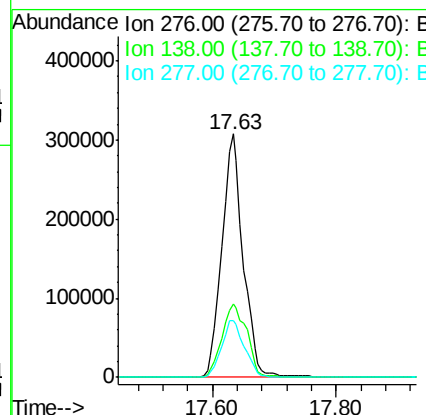
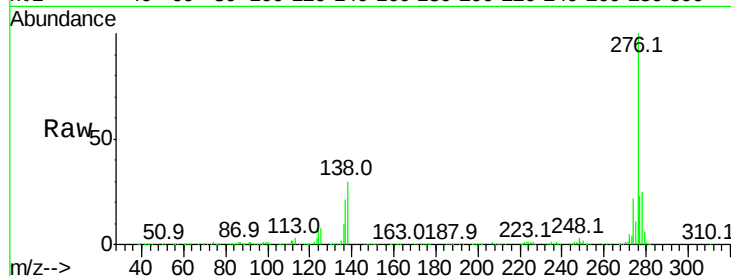


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.02 ng
 RT: 17.63 min Scan# 2677
 Delta R.T. -0.05 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion:276 Resp: 736860

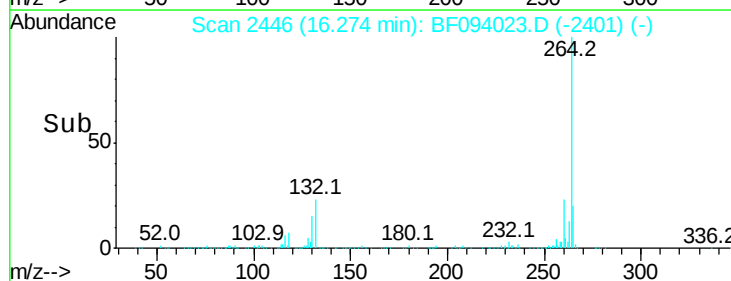
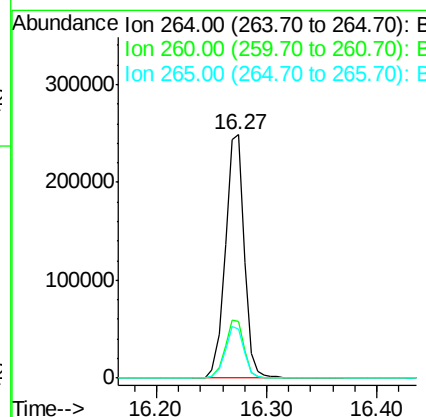
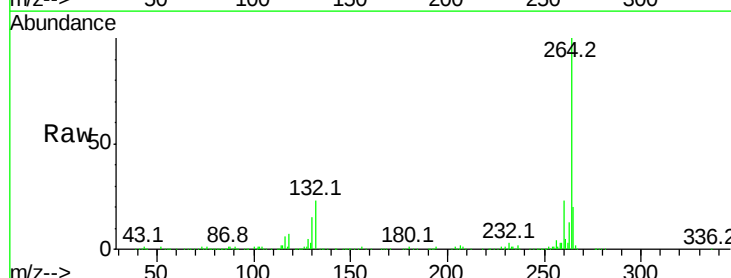
Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.2	20.2	30.4

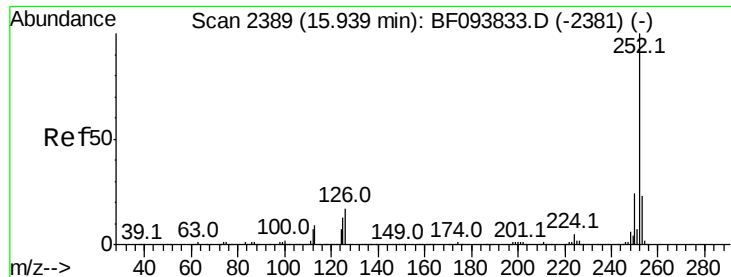


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion:264 Resp: 298471

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.71 ng

RT: 15.87 min Scan# 2377

Delta R.T. -0.03 min

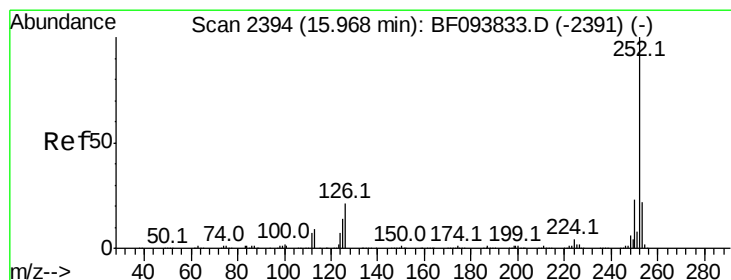
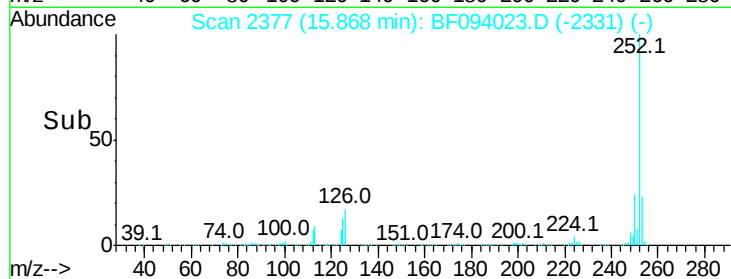
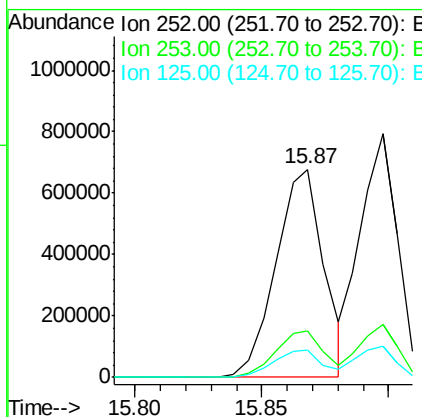
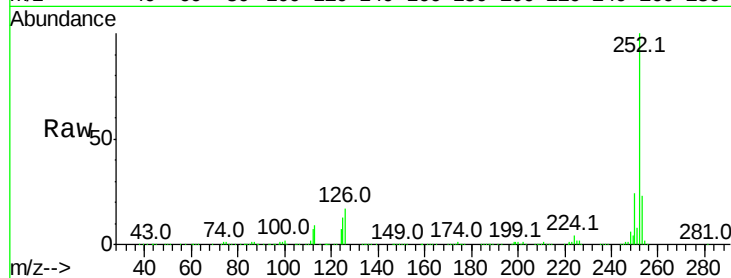
Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:252 Resp: 891197

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.1	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 46.41 ng

RT: 15.90 min Scan# 2382

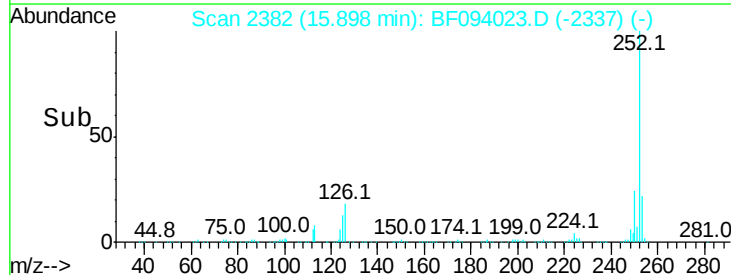
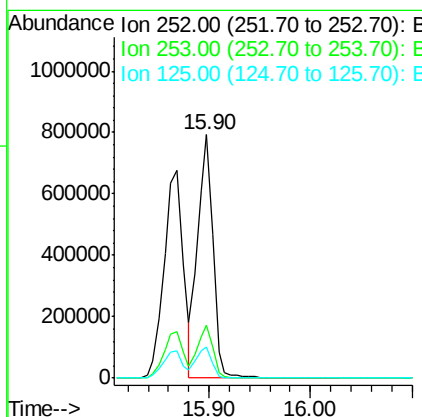
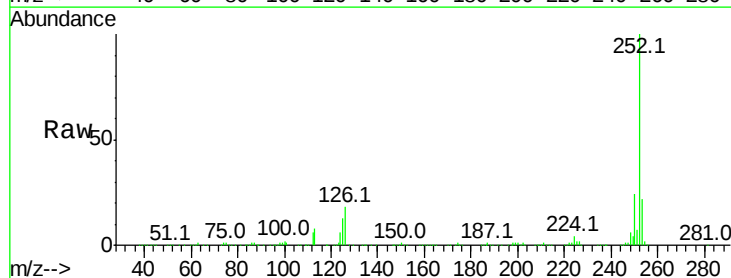
Delta R.T. -0.04 min

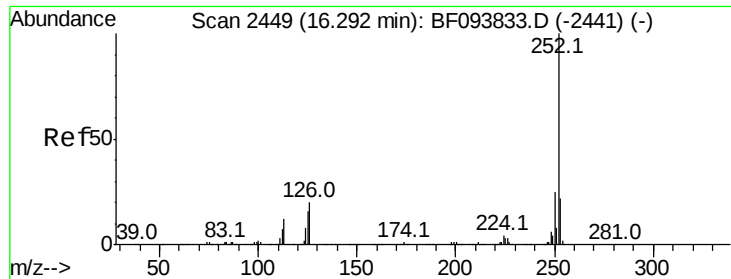
Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion:252 Resp: 830817

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.0	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 46.94 ng

RT: 16.22 min Scan# 2436

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

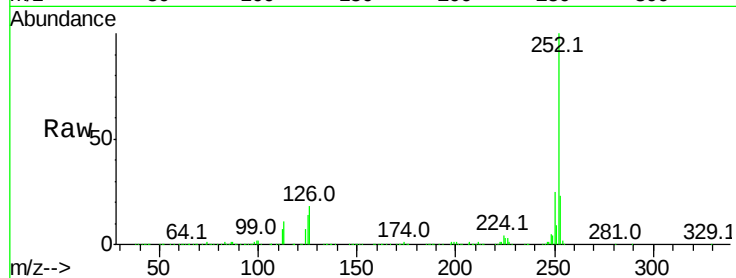
Tot Ion:252 Resp: 790767

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

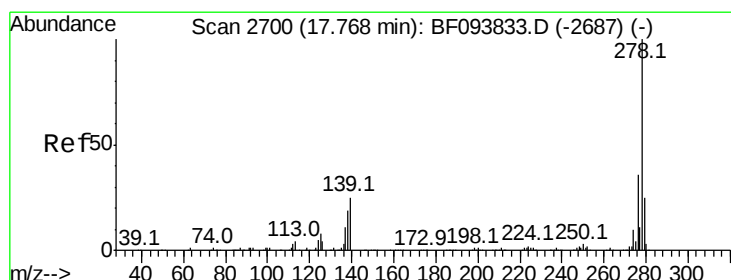
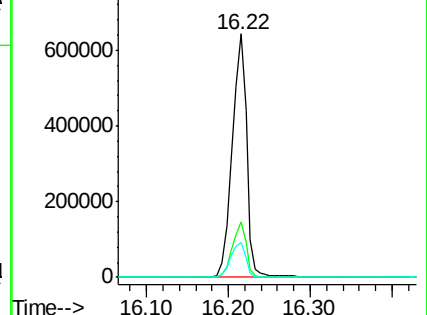
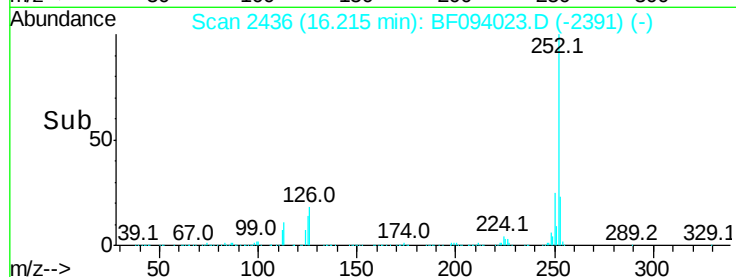
125 14.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.51 ng

RT: 17.66 min Scan# 2681

Delta R.T. -0.05 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

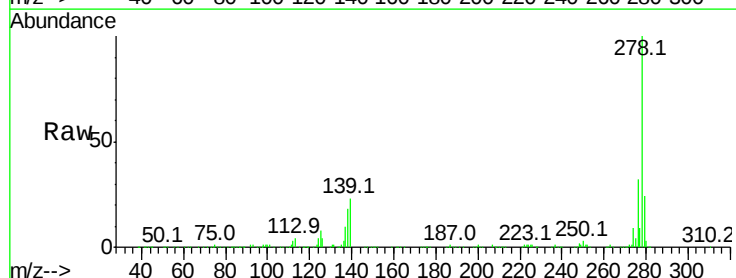
Tgt Ion:278 Resp: 606485

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

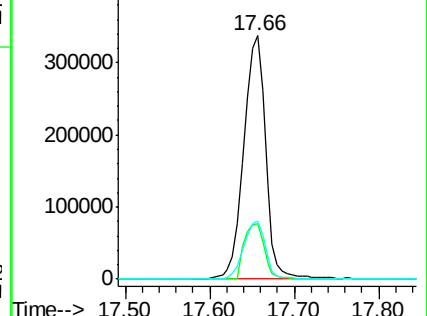
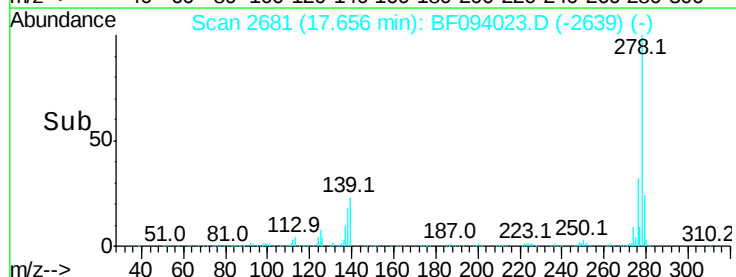
279 23.7 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.05 ng

RT: 18.04 min Scan# 2746

Delta R.T. -0.06 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

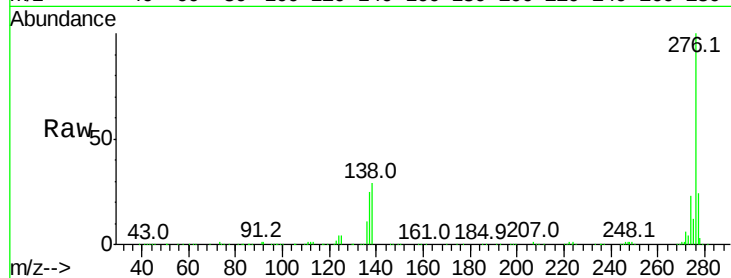
Tot Ion:276 Resp: 619086

Ion Ratio Lower Upper

276 100

277 23.9 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

