

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092823.D
 Acq On : 7 Feb 2017 12:02
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 07 15:22:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	156688	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	639787	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	374037	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	605749	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	520399	20.00	ng	-0.07
86) Perylene-d12	15.53	264	418688	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	721291	78.98	ng	-0.07
7) Phenol-d6	6.54	99	963296	81.97	ng	-0.06
23) Nitrobenzene-d5	7.47	82	918137	79.92	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	198713	73.45	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1505231	72.91	ng	-0.07
78) Terphenyl-d14	13.03	244	1665568	75.20	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	190463	38.59	ng	86
3) Pyridine	3.25	79	555746	44.29	ng	# 82
4) n-Nitrosodimethylamine	3.22	42	237546	40.32	ng	87
6) Aniline	6.57	93	638399	39.83	ng	# 69
8) 2-Chlorophenol	6.69	128	428947	42.57	ng	98
9) Benzaldehyde	6.45	77	311836	37.04	ng	95
10) Phenol	6.57	94	535386	38.94	ng	85
11) bis(2-Chloroethyl)ether	6.65	93	465479	42.42	ng	98
12) 1,3-Dichlorobenzene	7.08	146	465973	39.48	ng	97
13) 1,4-Dichlorobenzene	6.92	146	482379	40.39	ng	98
14) 1,2-Dichlorobenzene	7.08	146	466533	40.85	ng	95
15) Benzyl Alcohol	7.05	79	345837	39.75	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	743830	39.01	ng	94
17) 2-Methylphenol	7.17	107	386025	44.66	ng	98
18) Hexachloroethane	7.41	117	162347	39.82	ng	# 85
19) n-Nitroso-di-n-propylamine	7.32	70	285816	38.21	ng	94
20) 3+4-Methylphenols	7.32	107	410814	39.75	ng	# 77
22) Acetophenone	7.32	105	571257	39.11	ng	# 92
24) Nitrobenzene	7.49	77	463626	39.30	ng	97
25) Isophorone	7.73	82	862377	40.28	ng	98
26) 2-Nitrophenol	7.81	139	255462	45.55	ng	# 82
27) 2,4-Dimethylphenol	7.85	122	374421	38.02	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	529866	37.37	ng	99
29) 2,4-Dichlorophenol	8.05	162	375839	40.92	ng	91
30) 1,2,4-Trichlorobenzene	8.13	180	388626	39.26	ng	95
31) Naphthalene	8.21	128	1209318	37.29	ng	100
32) Benzoic acid	7.98	122	224011	41.32	ng	86
33) 4-Chloroaniline	8.27	127	548162	43.10	ng	# 93
34) Hexachlorobutadiene	8.33	225	198370	36.43	ng	99
35) Caprolactam	8.65	113	130992	45.34	ng	# 63
36) 4-Chloro-3-methylphenol	8.75	107	367056	38.33	ng	99
37) 2-Methylnaphthalene	8.91	142	857827	41.19	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	376891	35.90	ng	99
40) Hexachlorocyclopentadiene	9.06	237	156469	33.03	ng	96

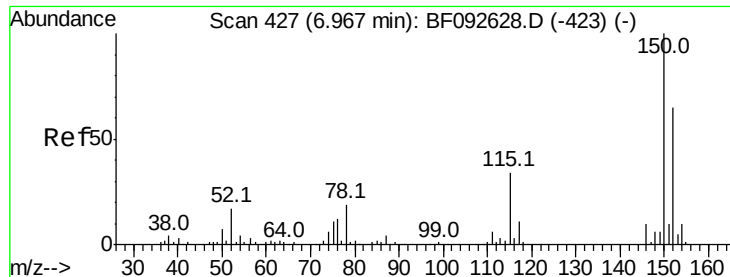
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	260027	37.69	nq	91
43) 2,4,5-Trichlorophenol	9.23	196	294402	38.95	nq	# 87
45) 1,1'-Biphenyl	9.37	154	959981	35.44	nq	96
46) 2-Chloronaphthalene	9.39	162	794056	37.48	nq	95
47) 2-Nitroaniline	9.49	65	266565	37.42	nq	97
48) Acenaphthylene	9.81	152	1401760	38.30	nq	98
49) Dimethylphthalate	9.68	163	985453	39.12	nq	99
50) 2,6-Dinitrotoluene	9.73	165	199260	36.62	nq	# 78
51) Acenaphthene	9.98	154	853619	39.01	nq	98
52) 3-Nitroaniline	9.90	138	219030	35.18	nq	97
53) 2,4-Dinitrophenol	10.02	184	108917	41.76	nq	90
54) Dibenzofuran	10.16	168	1107845	37.85	nq	93
55) 4-Nitrophenol	10.08	139	179398	40.00	nq	87
56) 2,4-Dinitrotoluene	10.14	165	309855	42.78	nq	# 75
57) Fluorene	10.50	166	915906	40.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	191993	38.07	nq	97
59) Diethylphthalate	10.37	149	955912	40.26	nq	95
60) 4-Chlorophenyl-phenylether	10.49	204	393303	36.36	nq	89
61) 4-Nitroaniline	10.52	138	237796	37.29	nq	92
62) Azobenzene	10.65	77	915071	37.31	nq	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	159463	43.51	nq	84
65) n-Nitrosodiphenylamine	10.61	169	820600	42.41	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	252764	39.94	nq	93
67) Hexachlorobenzene	11.05	284	250617	40.07	nq	99
68) Atrazine	11.14	200	265993	42.83	nq	98
69) Pentachlorophenol	11.24	266	126461	42.85	nq	97
70) Phenanthrene	11.46	178	1236875	35.64	nq	99
71) Anthracene	11.52	178	1436551	41.22	nq	98
72) Carbazole	11.66	167	1246086	37.40	nq	99
73) Di-n-butylphthalate	12.00	149	1532379	42.53	nq	# 97
74) Fluoranthene	12.65	202	1327914	37.10	nq	97
76) Benzidine	12.77	184	790231	35.64	nq	96
77) Pyrene	12.88	202	1303151	33.46	nq	99
79) Butylbenzylphthalate	13.49	149	652525	41.26	nq	# 82
80) Benzo(a)anthracene	14.07	228	1144365	35.95	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	471737	41.58	nq	# 94
82) Chrysene	14.10	228	958568	32.17	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	834891	38.60	nq	99
84) Di-n-octyl phthalate	14.66	149	1382283	39.25	nq	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	856395	37.10	nq	96
87) Benzo(b)fluoranthene	15.11	252	1013183	36.77	nq	99
88) Benzo(k)fluoranthene	15.11	252	1013183	42.58	nq	98
89) Benzo(a)pyrene	15.47	252	947614	39.75	nq	# 97
90) Dibenzo(a,h)anthracene	16.99	278	733134	38.05	nq	97
91) Benzo(g,h,i)perylene	17.41	276	710281	36.49	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

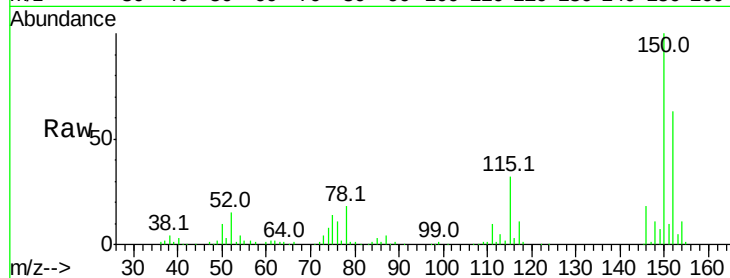
Tot Ion:152 Resp: 156688

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

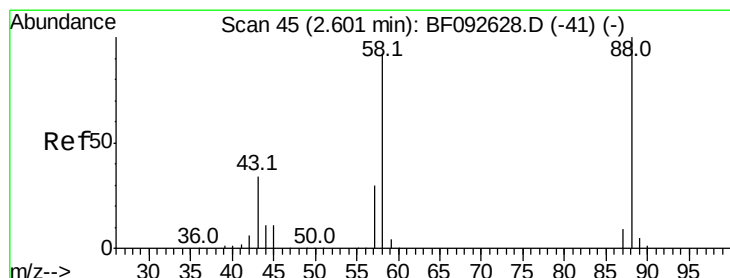
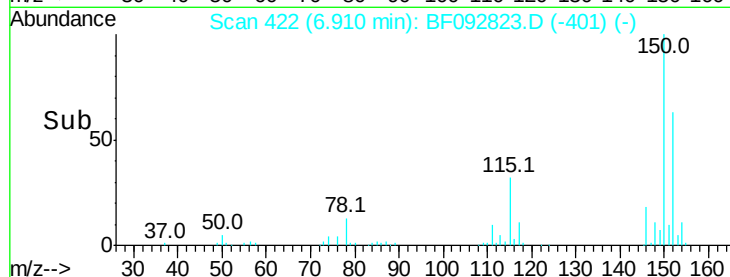
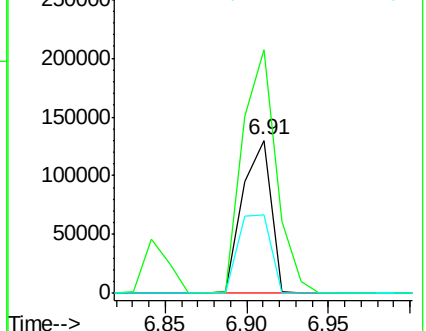
115 51.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.59 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.09 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

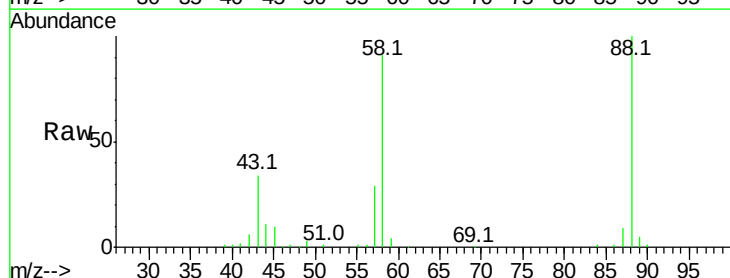
Tgt Ion: 88 Resp: 190463

Ion Ratio Lower Upper

88 100

58 85.9 57.8 86.8

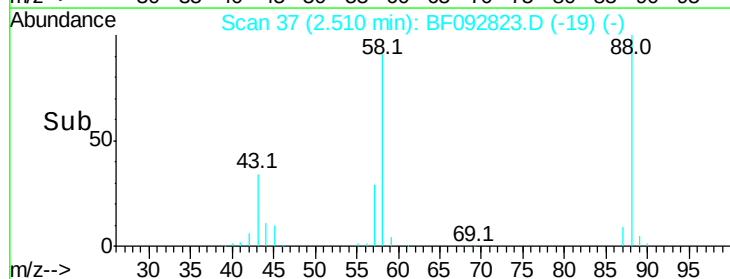
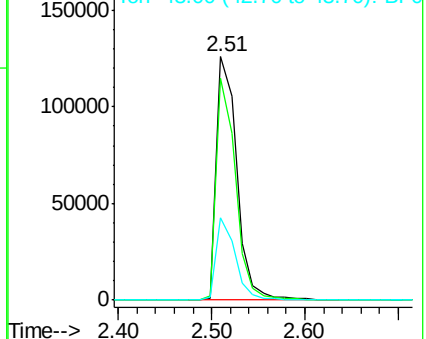
43 32.1 22.3 33.5

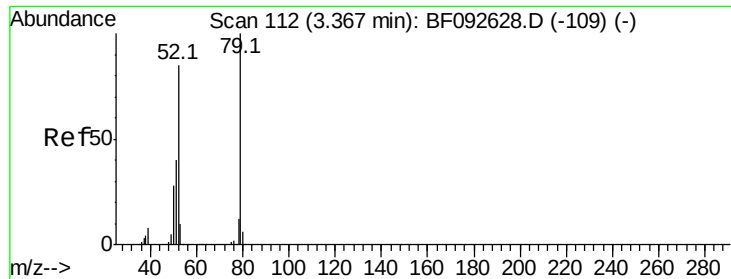


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

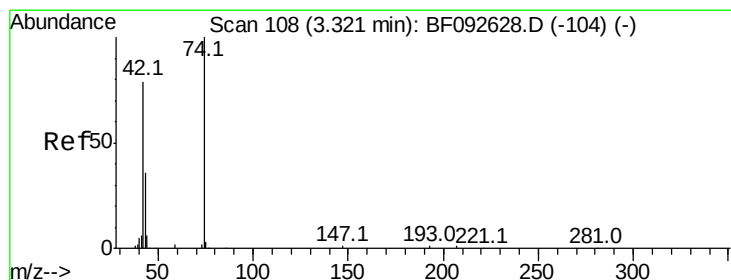
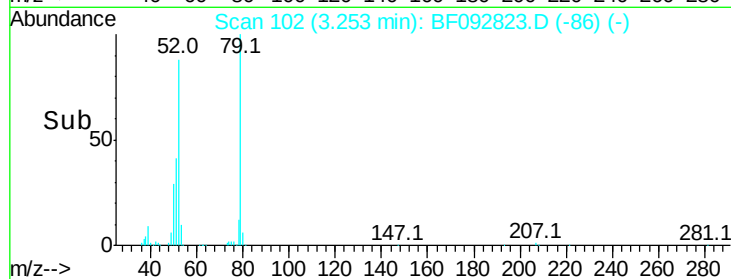
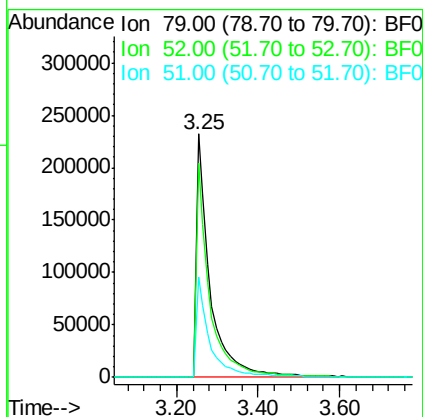
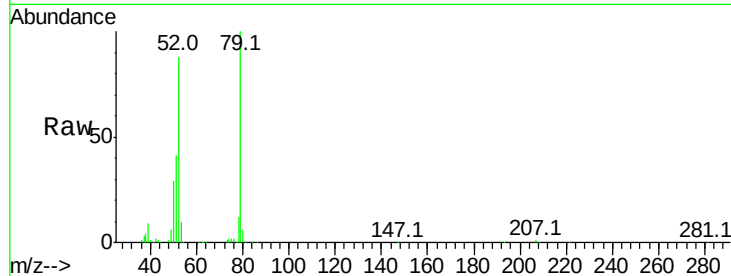




#3
 Pvridine
 Concen: 44.29 ng
 RT: 3.25 min Scan# 102
 Delta R.T. -0.11 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

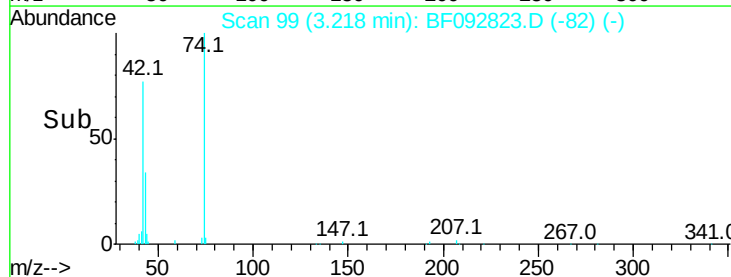
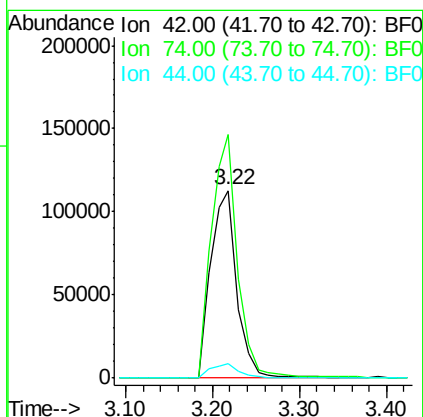
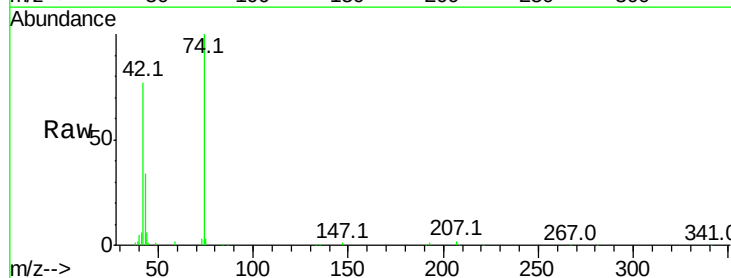
Instrument :
 BNA_F
 ClientSampleId :

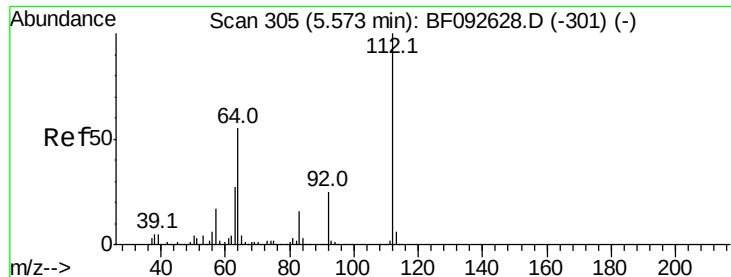
Tot Ion: 79 Resp: 555746
 Ion Ratio Lower Upper
 79 100
 52 88.2 57.1 85.7#
 51 41.1 27.3 40.9#



#4
 n-Nitrosodimethylamine
 Concen: 40.32 ng
 RT: 3.22 min Scan# 99
 Delta R.T. -0.10 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion: 42 Resp: 237546
 Ion Ratio Lower Upper
 42 100
 74 129.8 117.0 175.4
 44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 78.98 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

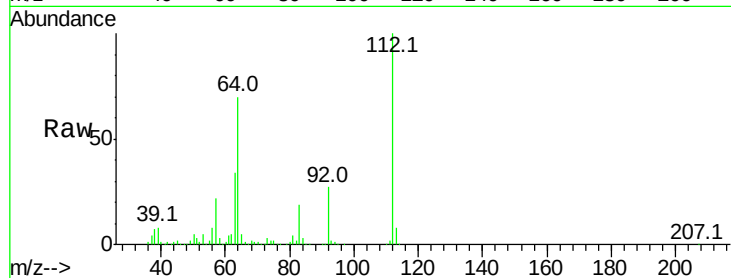
Tot Ion:112 Resp: 721291

Ion Ratio Lower Upper

112 100

64 69.7 46.1 69.1#

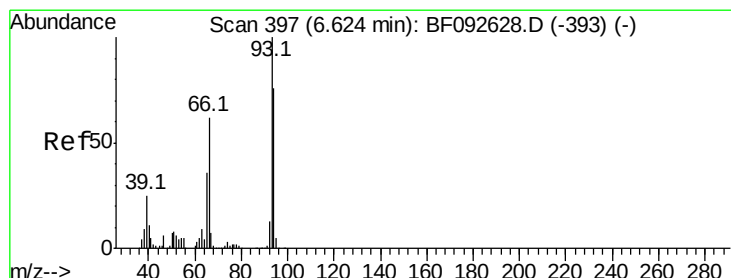
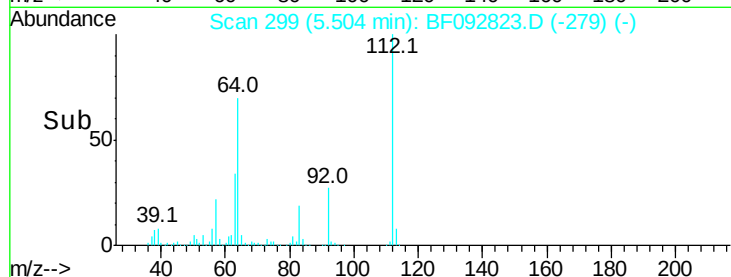
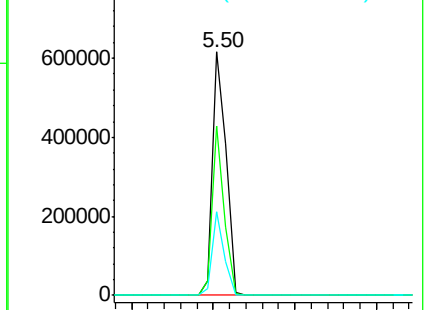
63 34.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.83 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

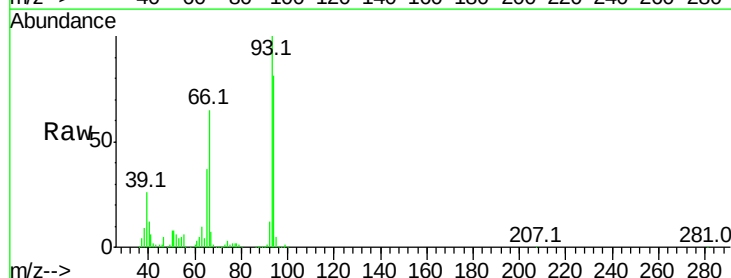
Tgt Ion: 93 Resp: 638399

Ion Ratio Lower Upper

93 100

66 65.4 76.2 114.2#

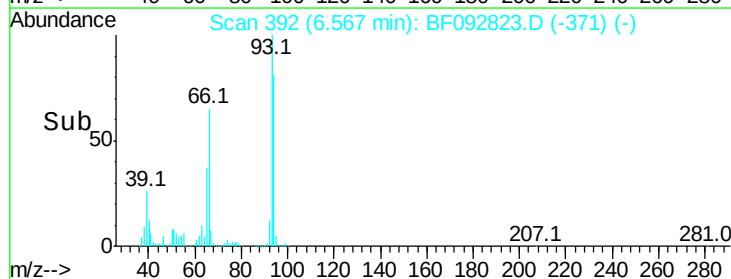
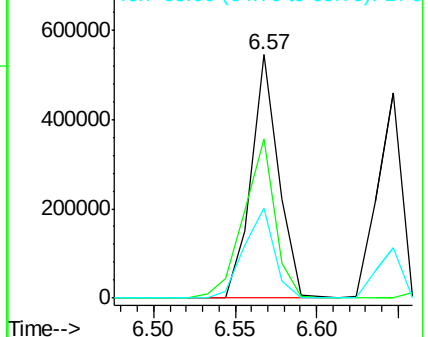
65 37.1 49.3 73.9#

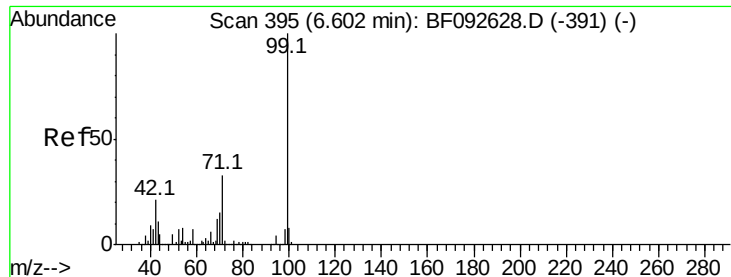


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.97 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

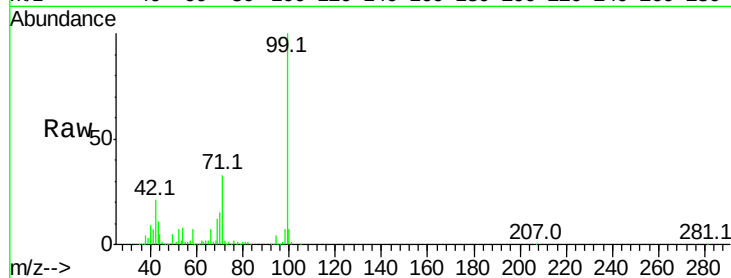
Tot Ion: 99 Resp: 963296

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

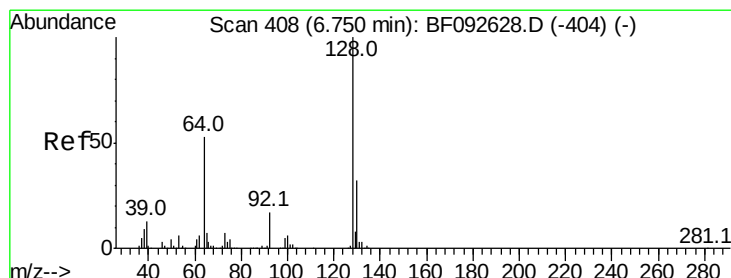
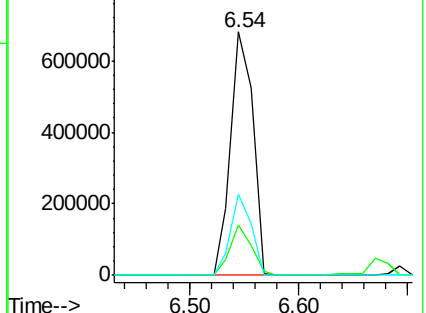
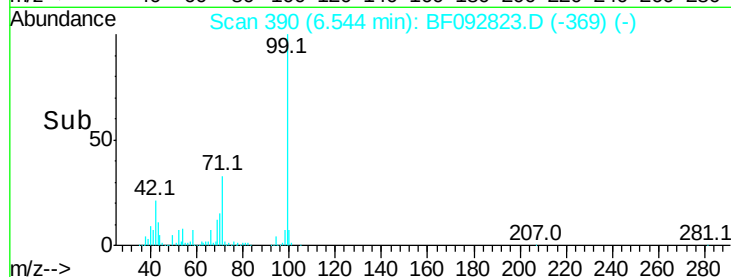
71 33.1 27.5 41.3



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: 42.57 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

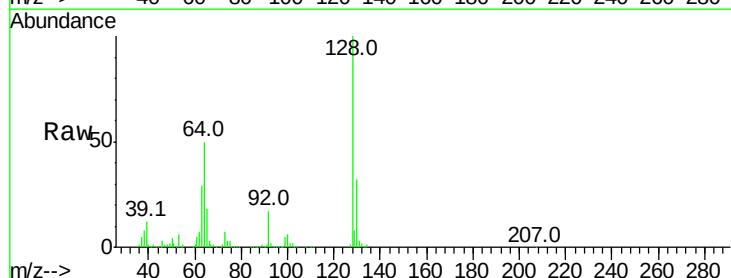
Tgt Ion: 128 Resp: 428947

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

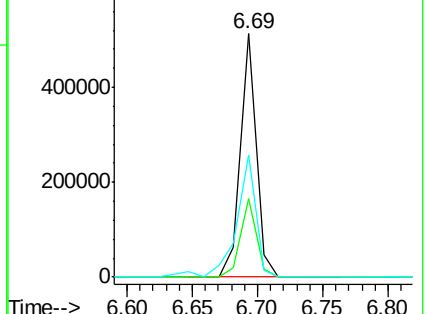
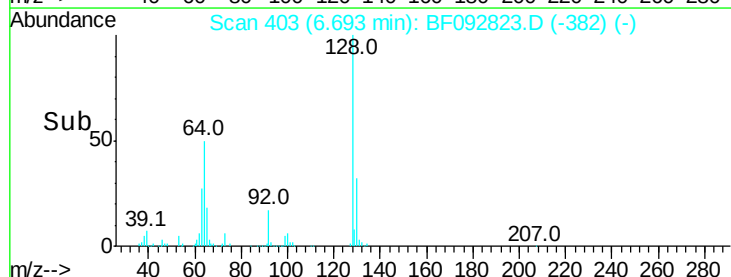
64 50.1 32.2 72.2

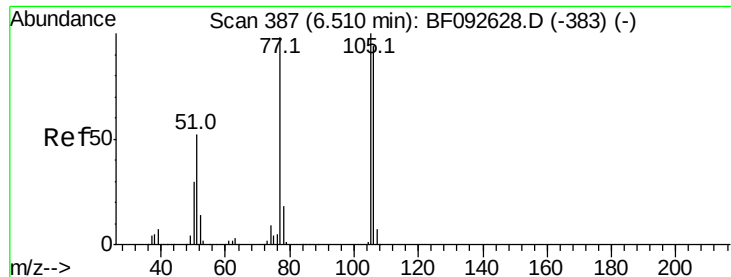


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.04 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

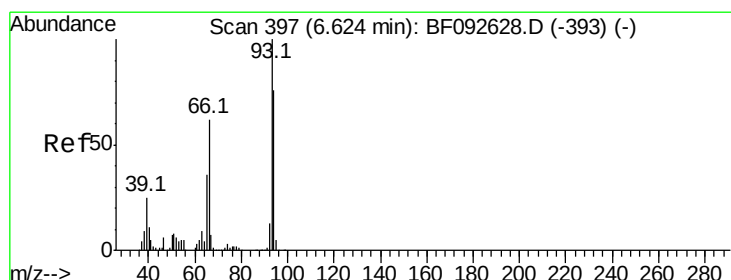
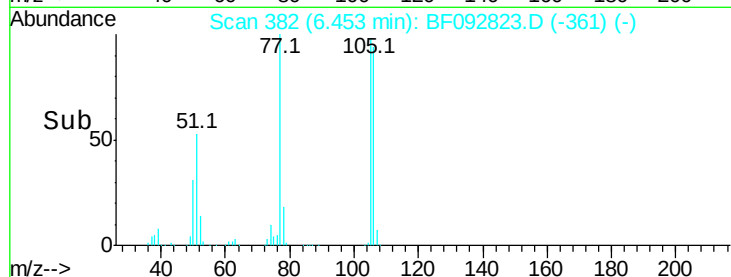
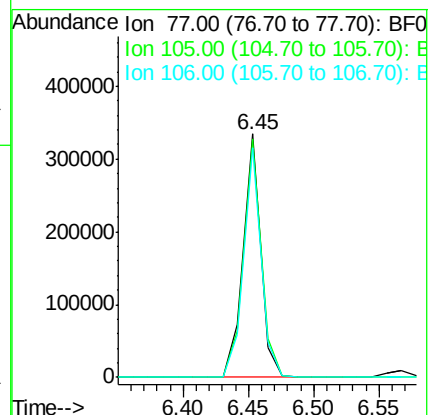
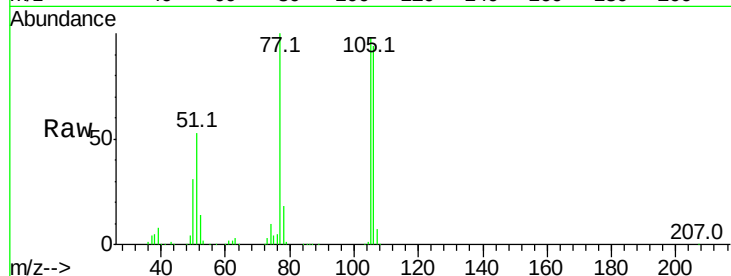
Tot Ion: 77 Resp: 311836

Ion Ratio Lower Upper

77 100

105 97.8 83.9 123.9

106 94.3 77.6 117.6



#10

Phenol

Concen: 38.94 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

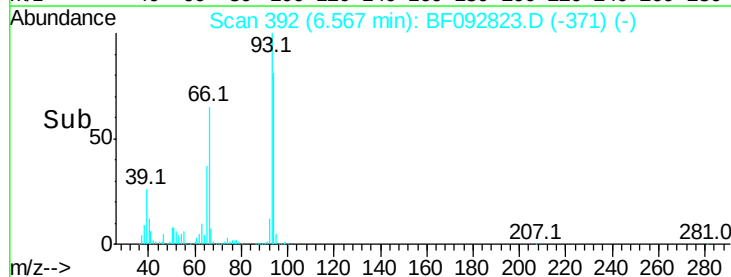
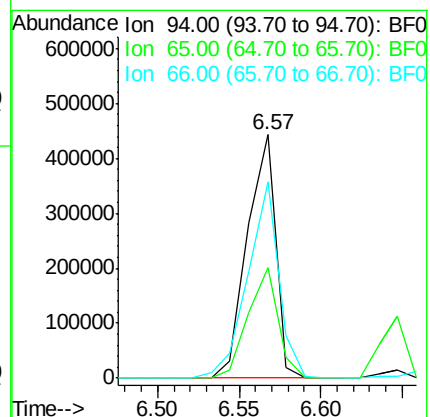
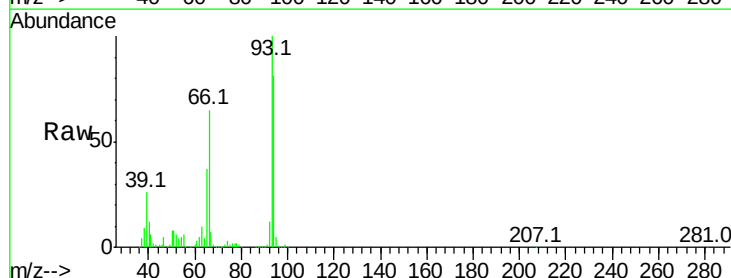
Tgt Ion: 94 Resp: 535386

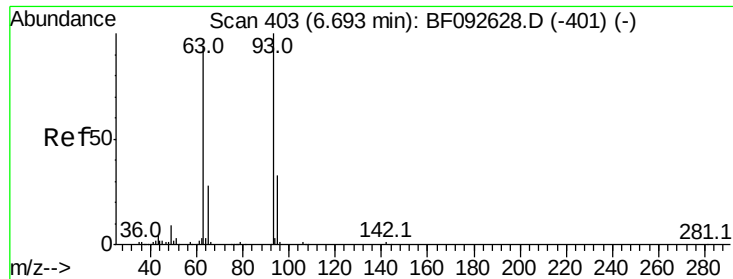
Ion Ratio Lower Upper

94 100

65 45.6 21.4 61.4

66 80.4 44.0 84.0

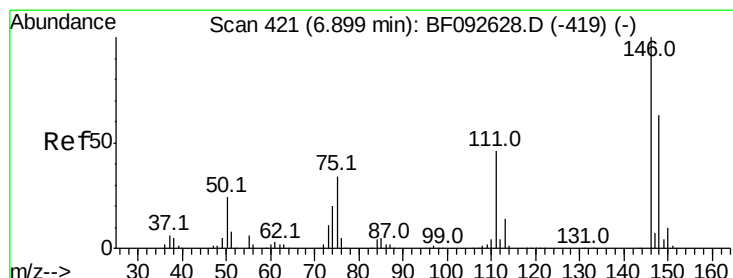
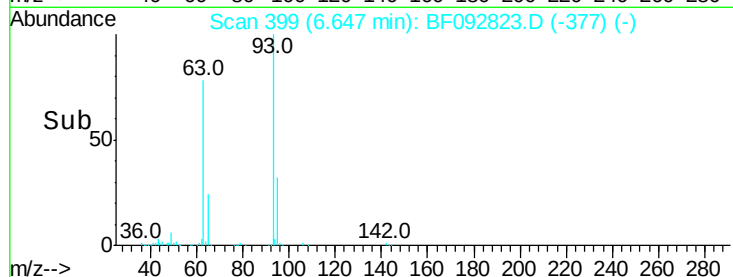
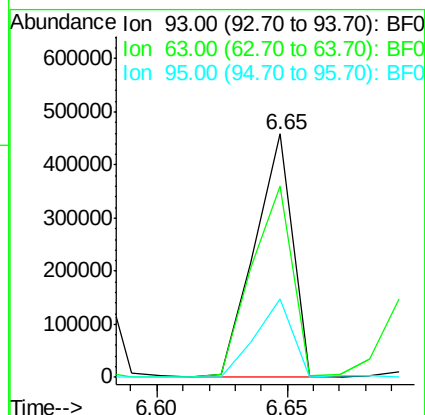
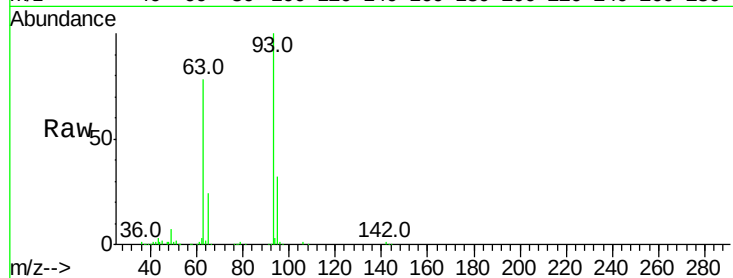




#11
bis(2-Chloroethyl)ether
Concen: 42.42 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.05 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

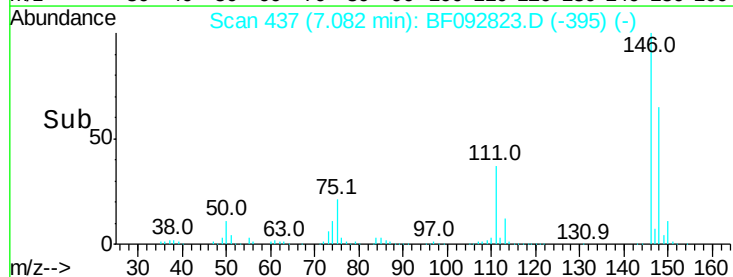
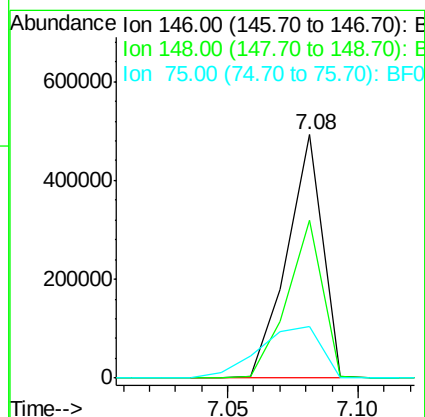
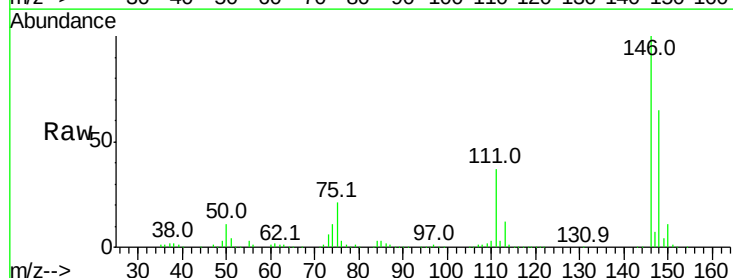
Instrument :
BNA_F
ClientSampleId :

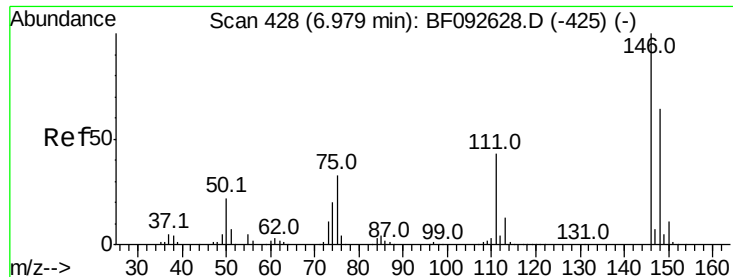
Tot Ion: 93 Resp: 465479
Ion Ratio Lower Upper
93 100
63 78.4 60.4 100.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.48 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.18 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion: 146 Resp: 465973
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.0
75 21.1 18.5 27.7

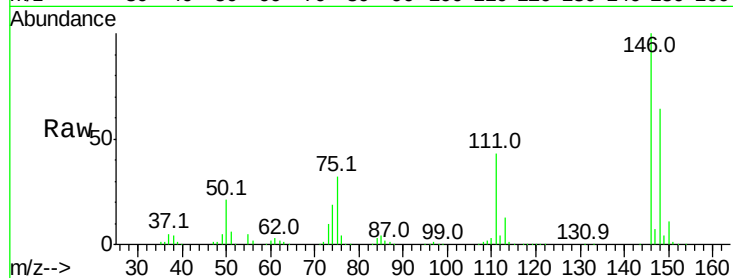




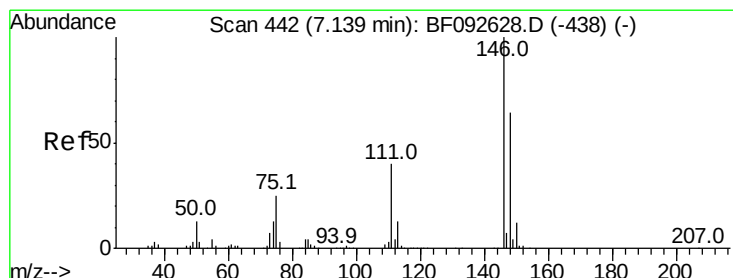
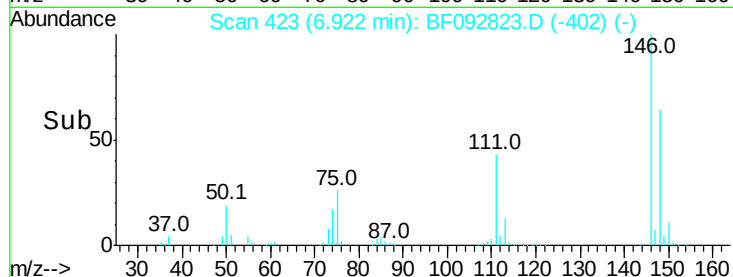
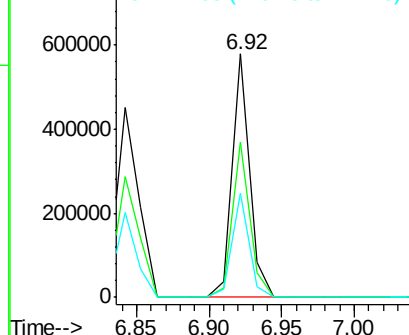
#13
 1,4-Dichlorobenzene
 Concen: 40.39 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 482379
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 42.7 36.2 54.4

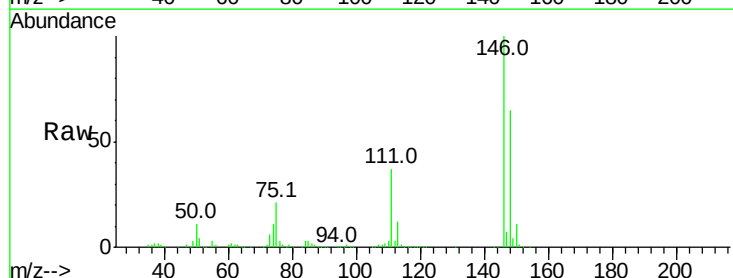


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

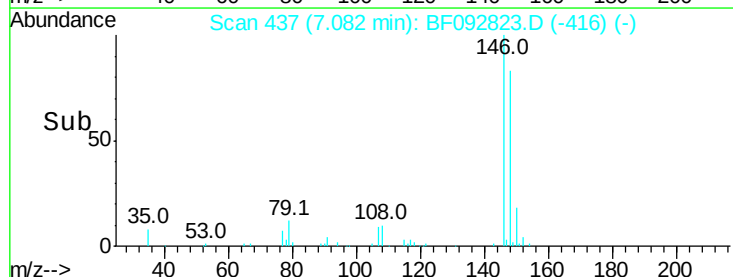
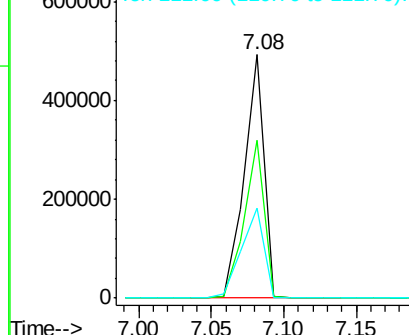


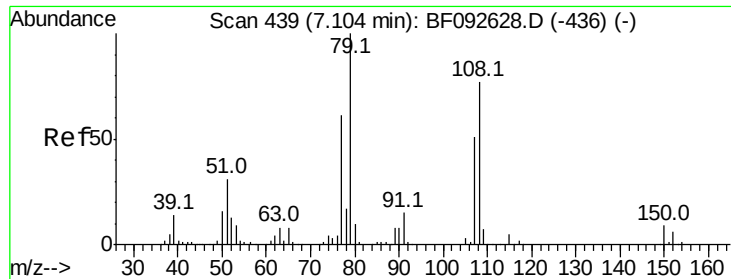
#14
 1,2-Dichlorobenzene
 Concen: 40.85 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion:146 Resp: 466533
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 36.8 36.2 54.2



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

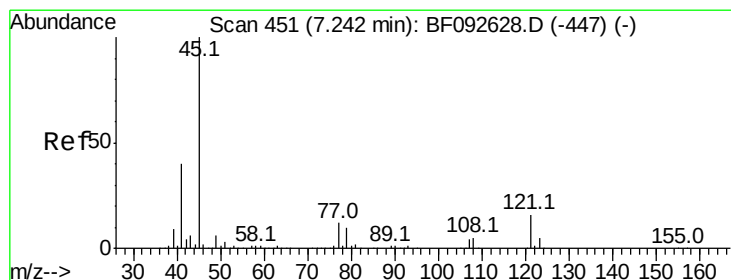
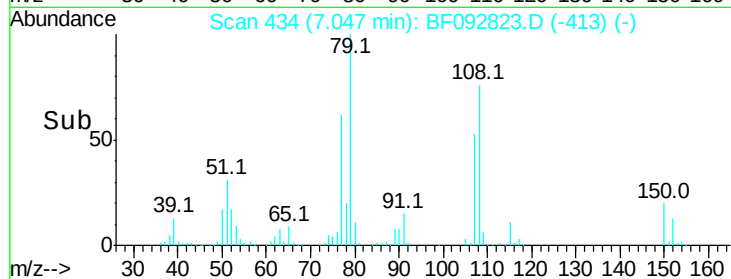
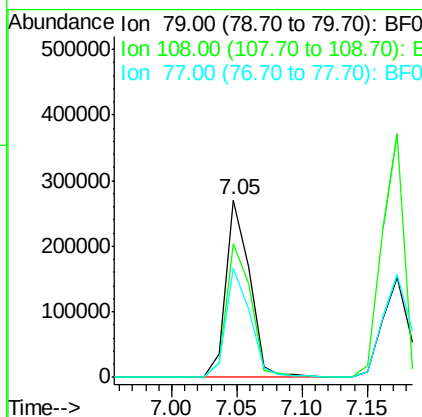
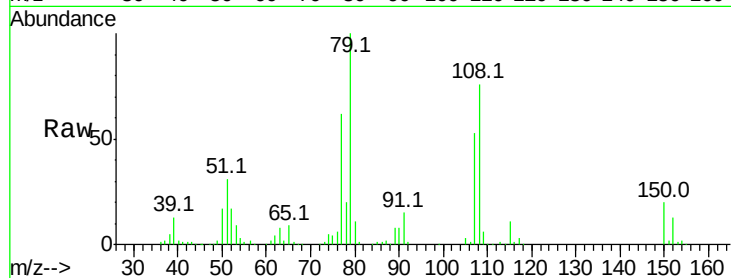




#15
Benzyl Alcohol
Concen: 39.75 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

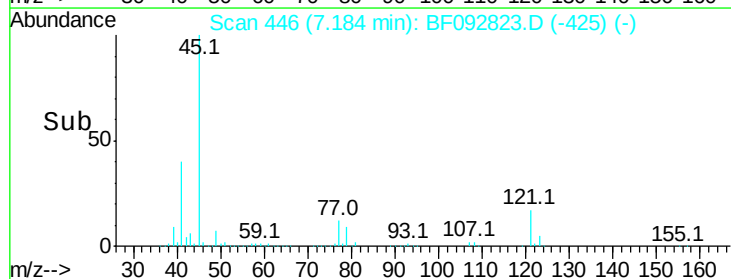
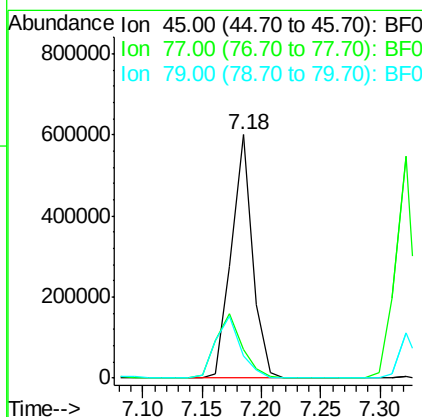
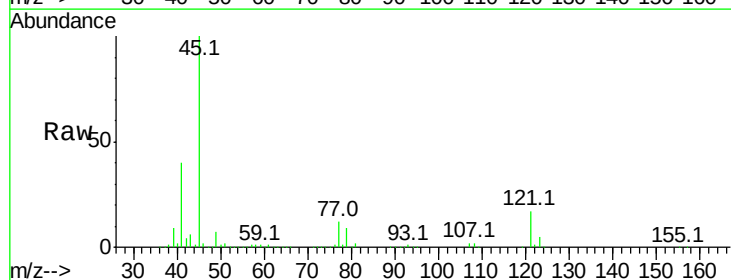
Instrument :
BNA_F
ClientSampled :

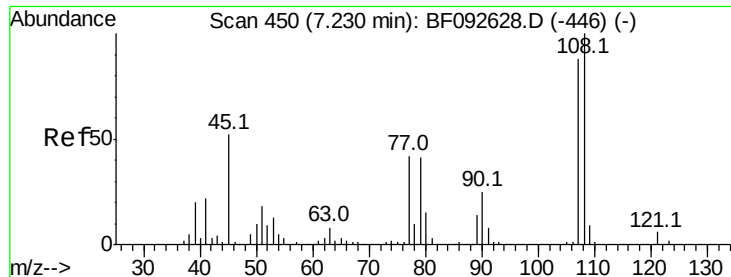
Tot Ion: 79 Resp: 345837
Ion Ratio Lower Upper
79 100
108 75.6 61.4 92.0
77 61.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.01 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion: 45 Resp: 743830
Ion Ratio Lower Upper
45 100
77 11.8 0.0 34.6
79 9.0 0.0 31.2





#17

2-Methylphenol

Concen: 44.66 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 386025

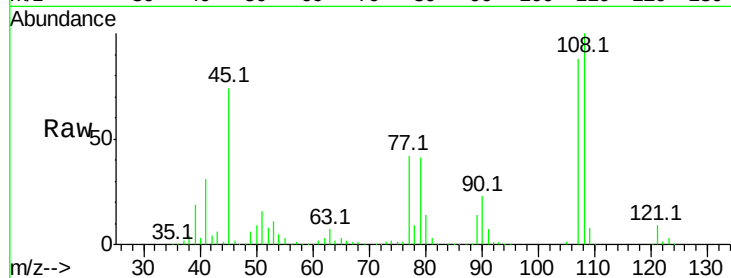
Ion Ratio Lower Upper

107 100

108 114.0 93.0 139.6

77 48.4 39.8 59.8

79 46.7 38.0 57.0

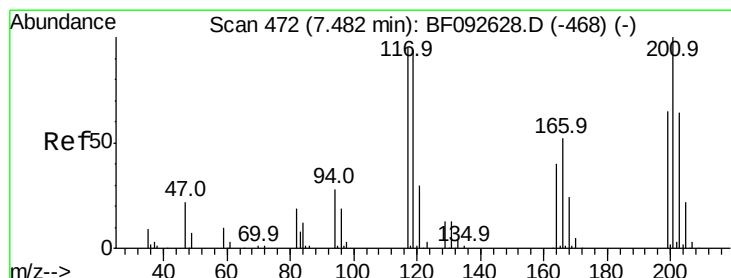
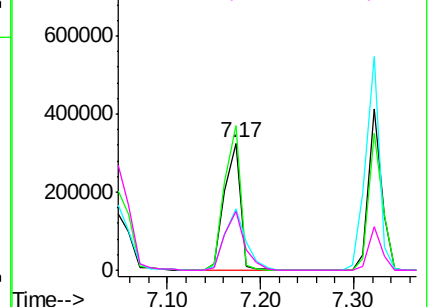
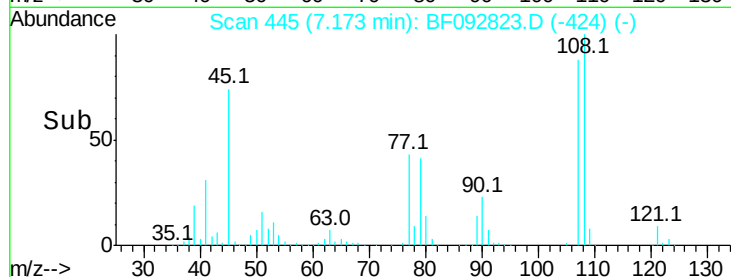


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.82 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

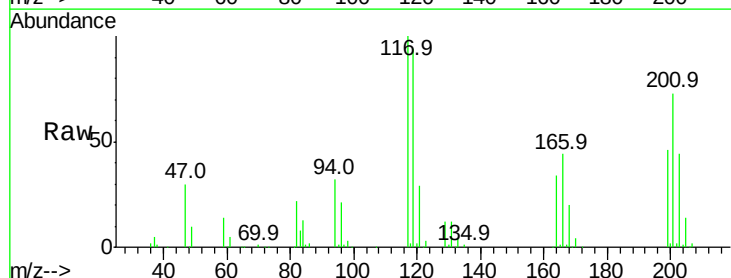
Tgt Ion:117 Resp: 162347

Ion Ratio Lower Upper

117 100

119 94.2 78.1 117.1

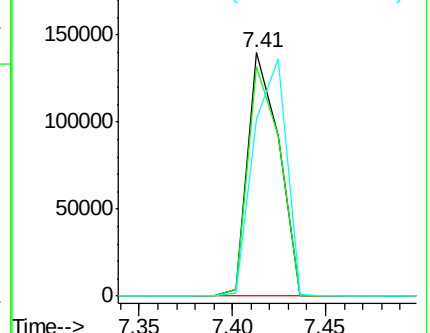
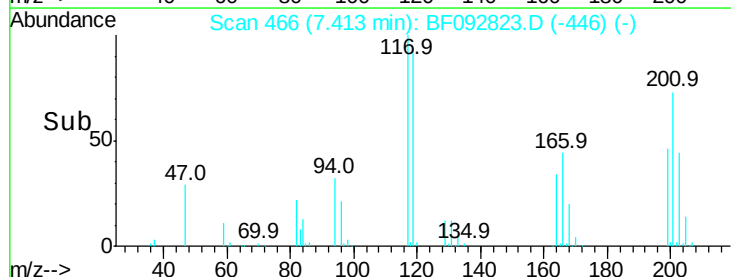
201 72.9 78.6 117.8#

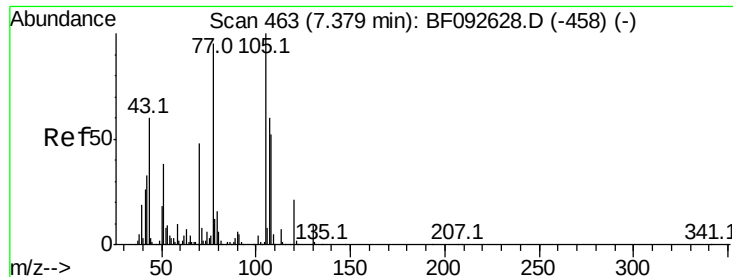


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

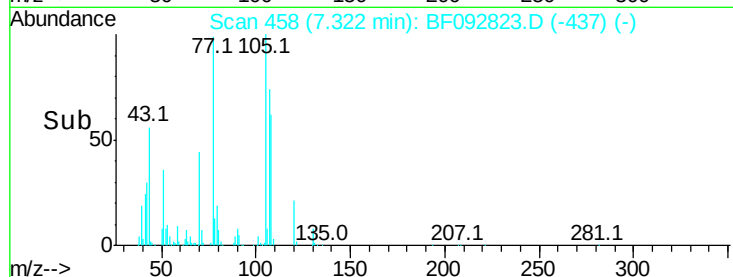
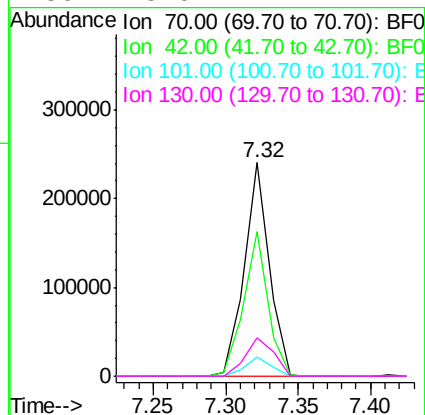
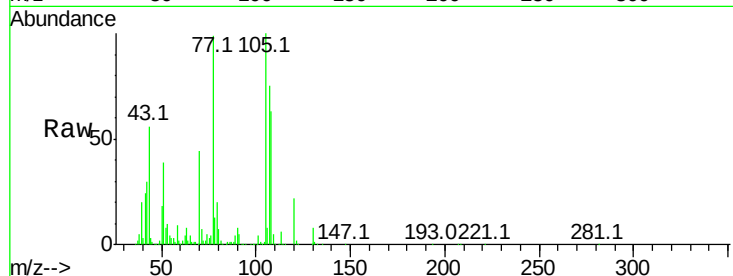




#19
n-Nitroso-di-n-propylamine
Concen: 38.21 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

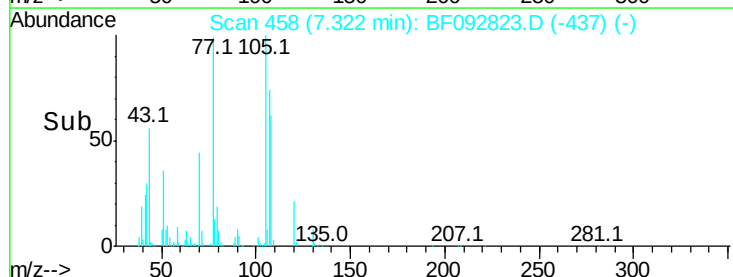
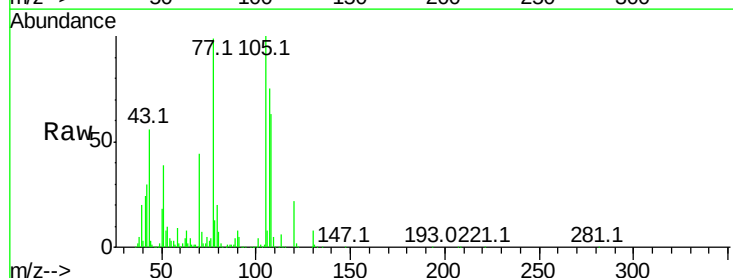
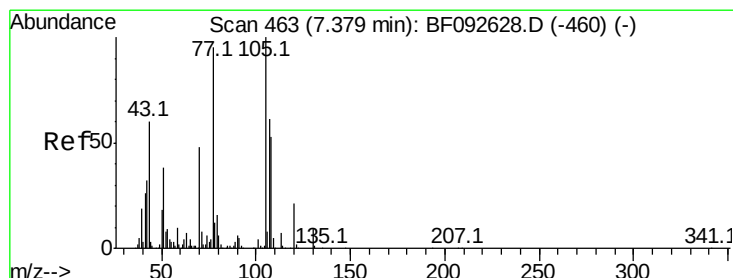
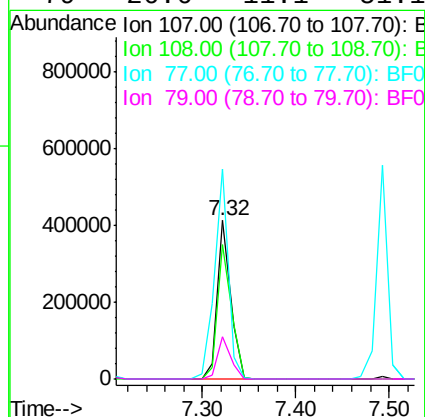
Instrument :
BNA_F
ClientSampleId :

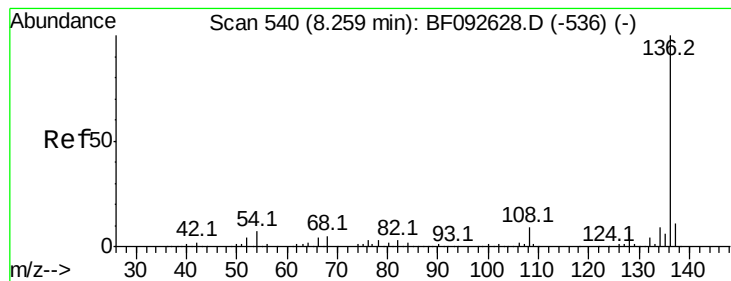
Tot Ion: 70 Resp: 285816
Ion Ratio Lower Upper
70 100
42 67.6 49.4 74.0
101 8.9 7.4 11.2
130 18.0 14.2 21.4



#20
3+4-Methylphenols
Concen: 39.75 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion: 107 Resp: 410814
Ion Ratio Lower Upper
107 100
108 84.5 73.0 113.0
77 132.3 71.3 111.3#
79 26.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 639787

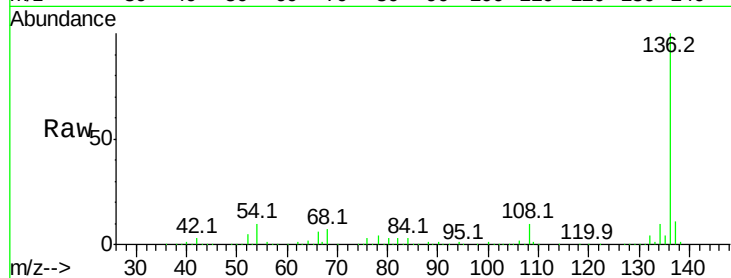
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.4 4.5 6.7#

68 6.6 3.6 5.4#

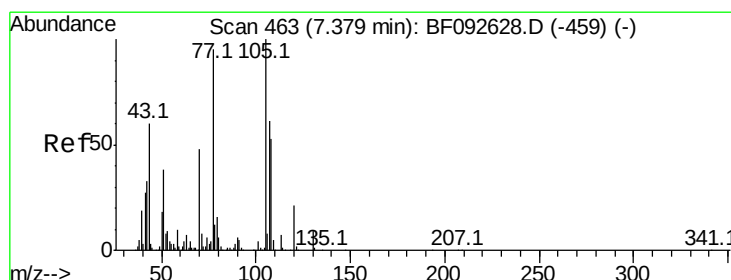
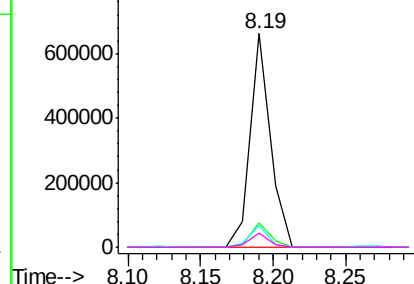
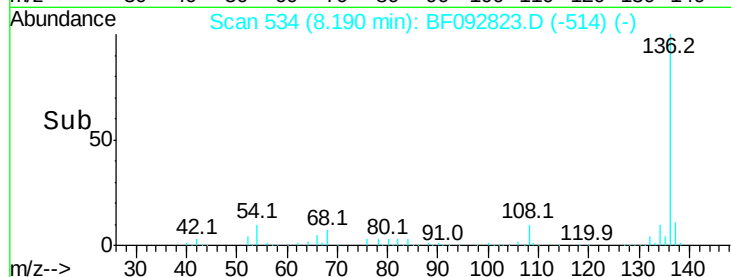


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.11 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Tgt Ion:105 Resp: 571257

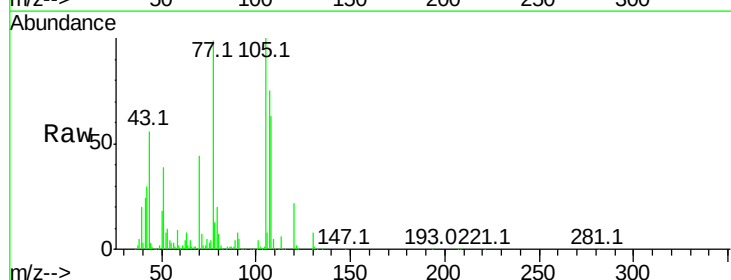
Ion Ratio Lower Upper

105 100

71 7.3 3.2 4.8#

51 39.3 26.2 39.4

120 21.7 16.6 24.8

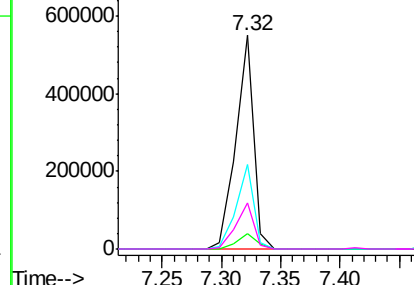
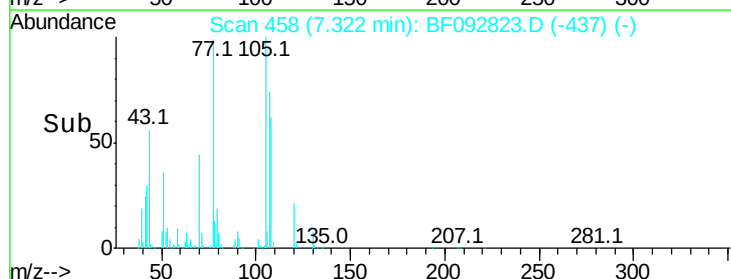


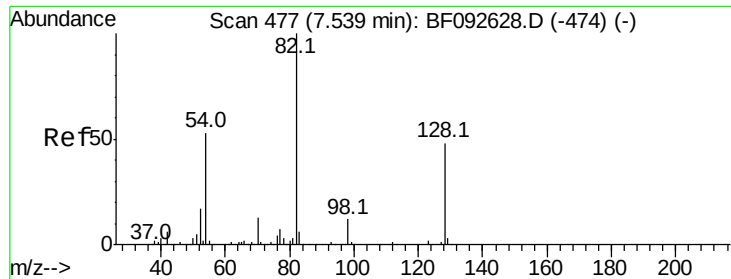
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

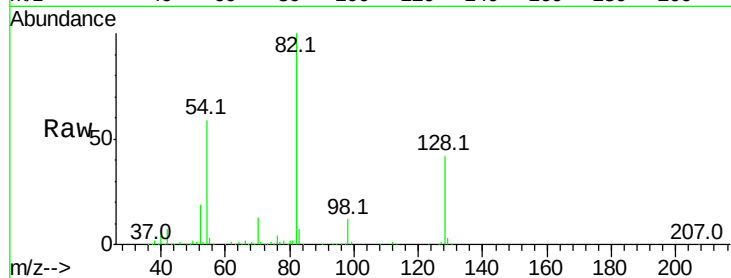




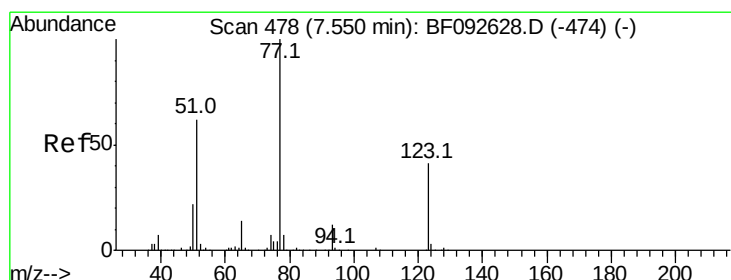
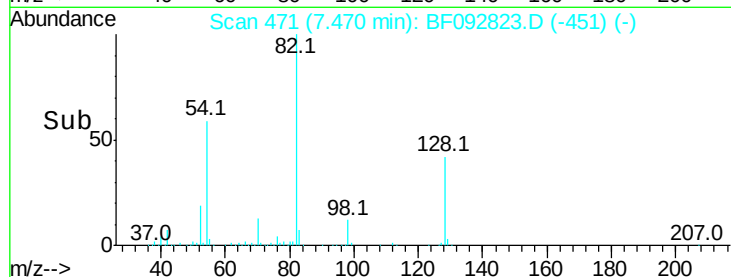
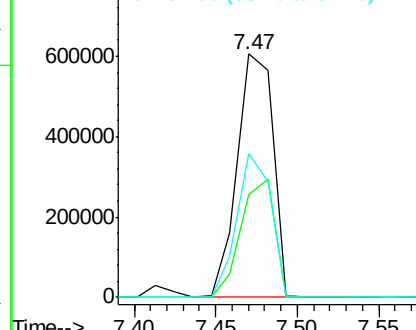
#23
 Nitrobenzene-d5
 Concen: 79.92 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.07 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	918137
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	59.2	39.5	59.3

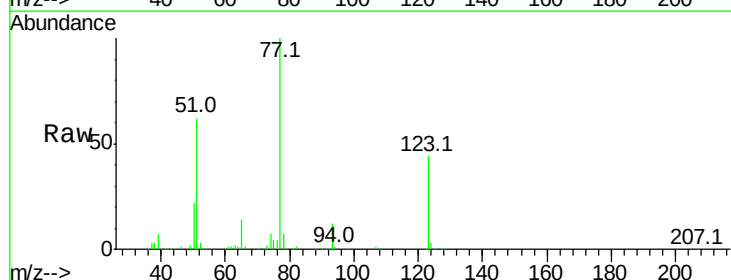


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

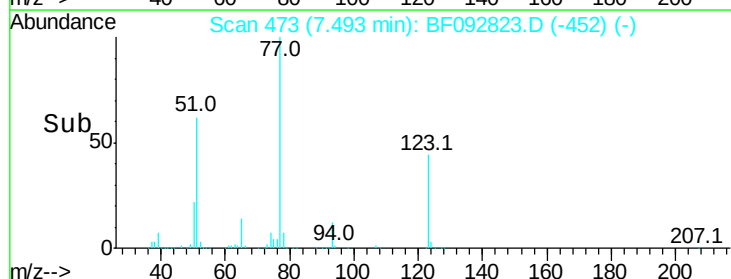
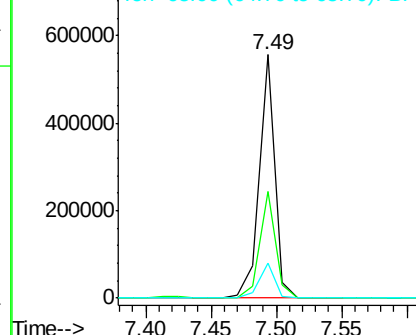


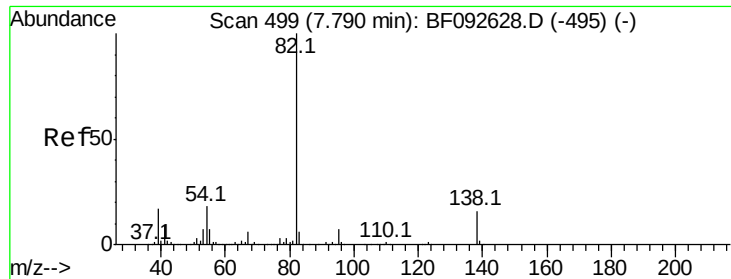
#24
 Nitrobenzene
 Concen: 39.30 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion	77	Resp	463626
Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.0	49.4
65	14.2	11.2	16.8



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





#25

Isophorone

Concen: 40.28 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

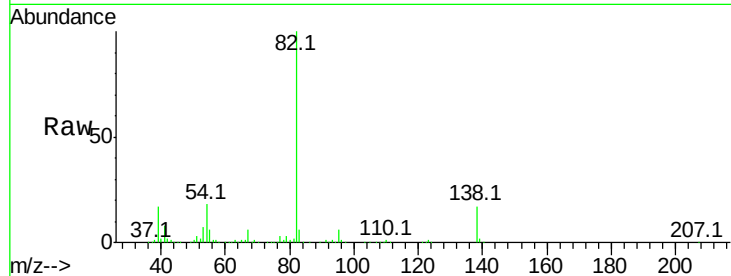
Tot Ion: 82 Resp: 862377

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

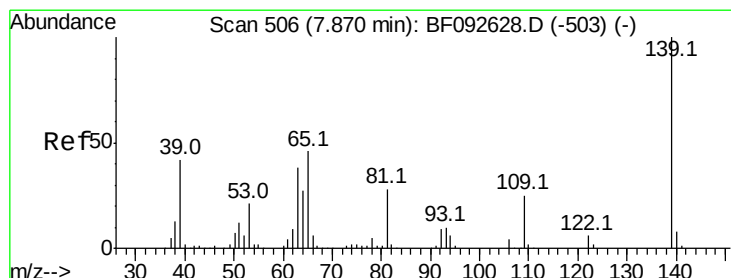
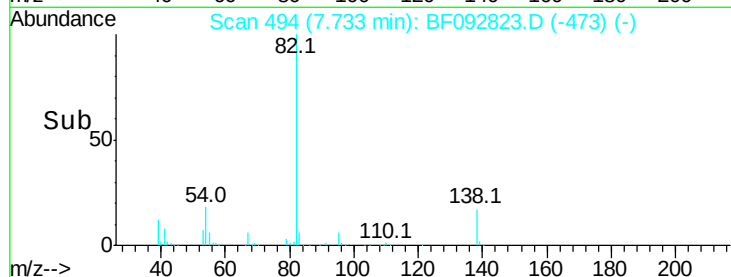
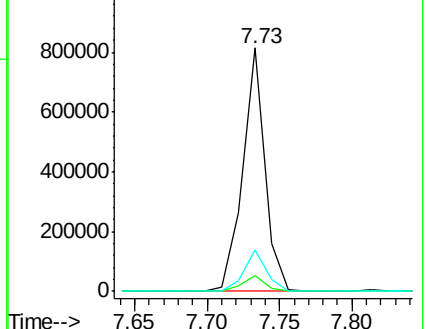
138 17.1 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.55 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

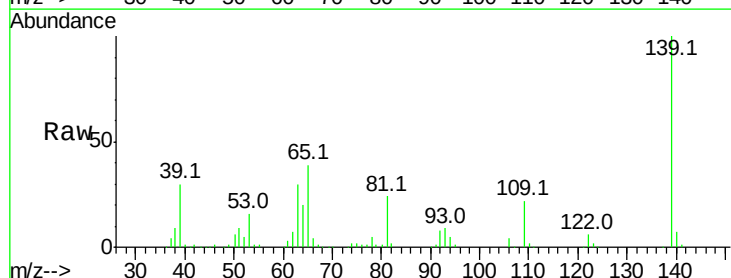
Tgt Ion: 139 Resp: 255462

Ion Ratio Lower Upper

139 100

109 22.0 23.3 34.9#

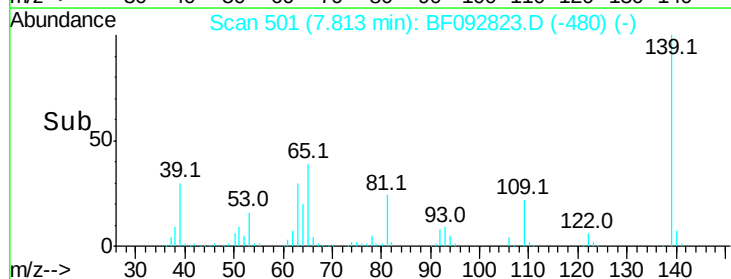
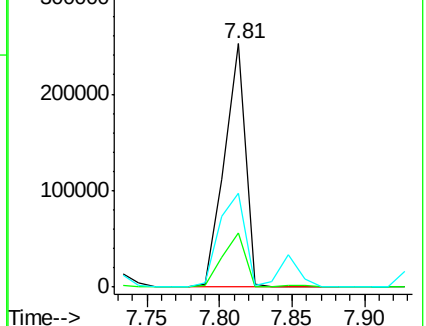
65 38.7 42.7 64.1#

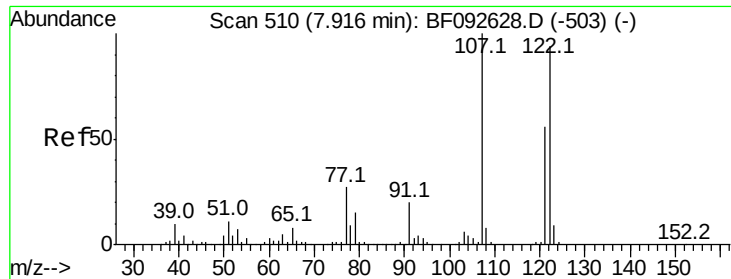


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

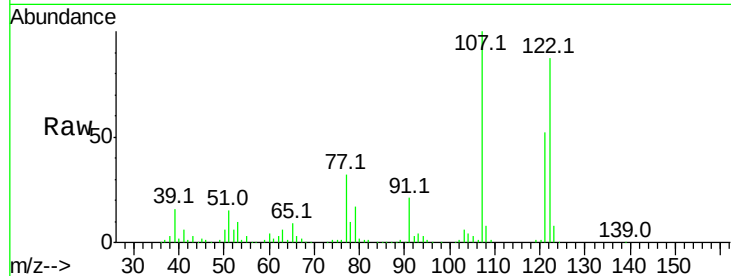




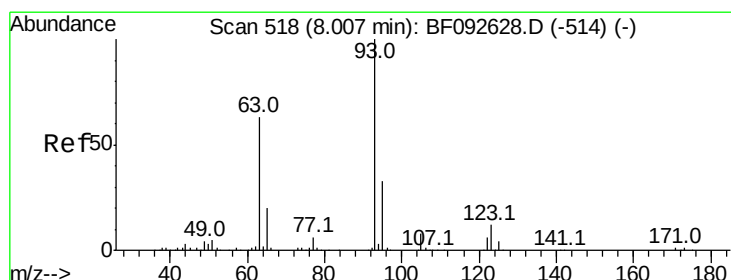
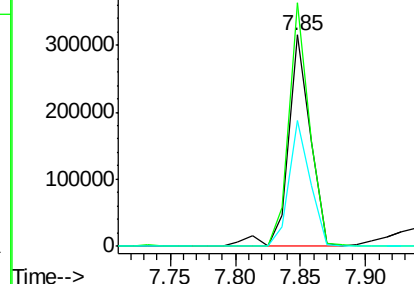
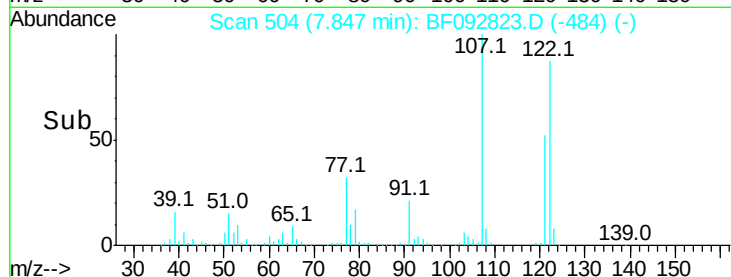
#27
2,4-Dimethylphenol
Concen: 38.02 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.07 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 374421
Ion Ratio Lower Upper
122 100
107 115.2 94.1 141.1
121 59.4 46.0 69.0

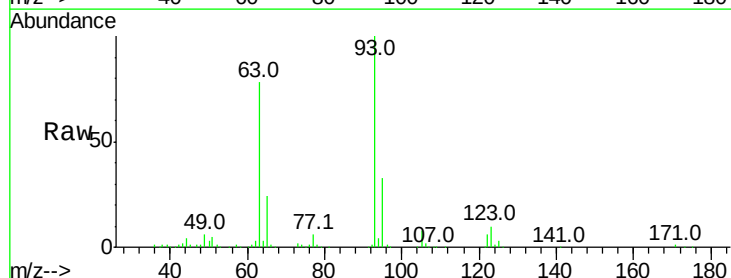


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

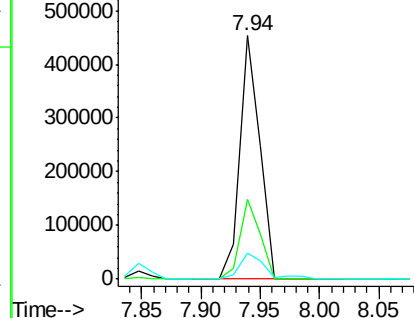
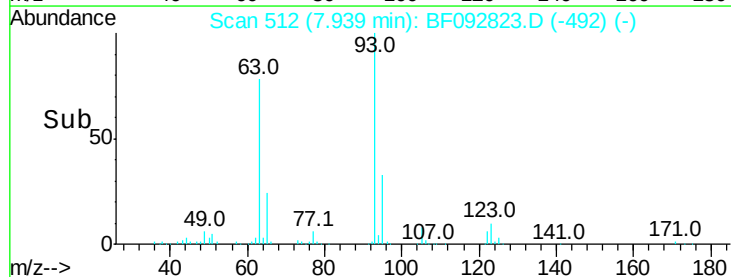


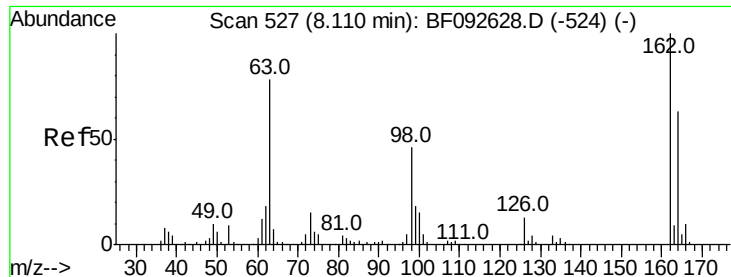
#28
bis(2-Chloroethoxy)methane
Concen: 37.37 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.07 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion: 93 Resp: 529866
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.4 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

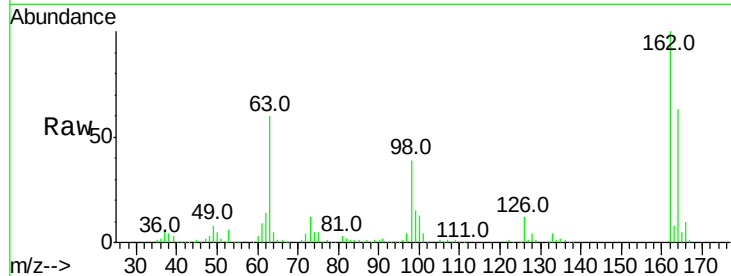




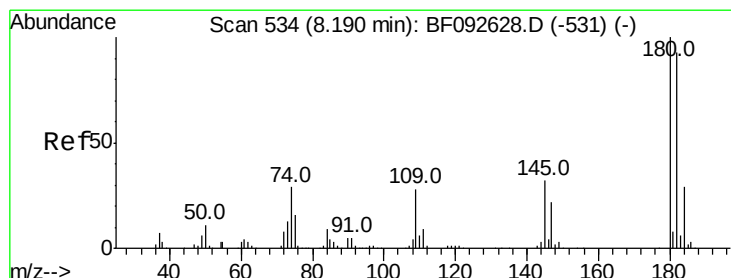
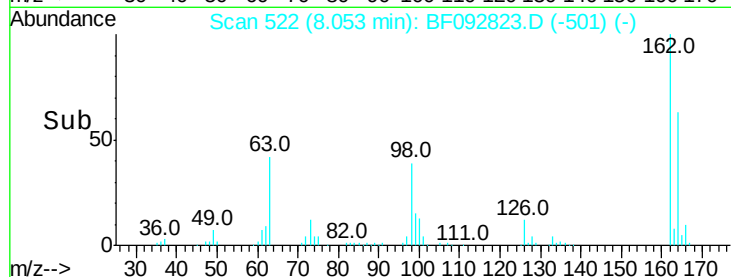
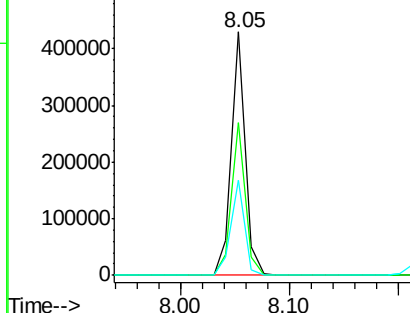
#29
 2,4-Dichlorophenol
 Concen: 40.92 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	46.8	86.8
98	39.0	9.1	49.1

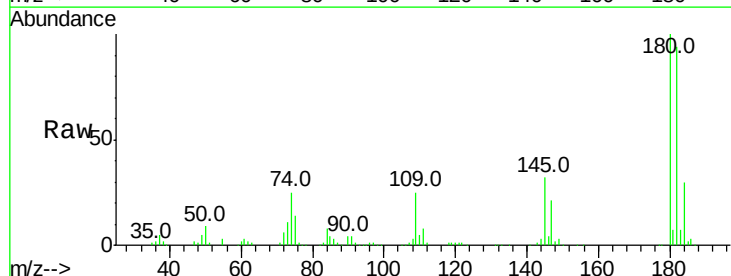


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

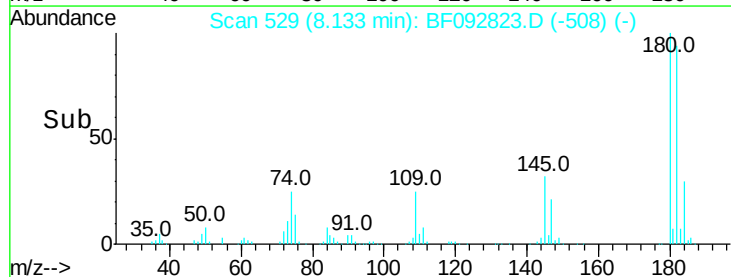
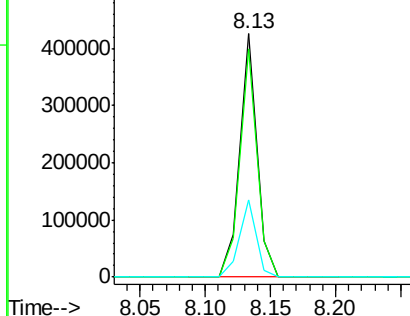


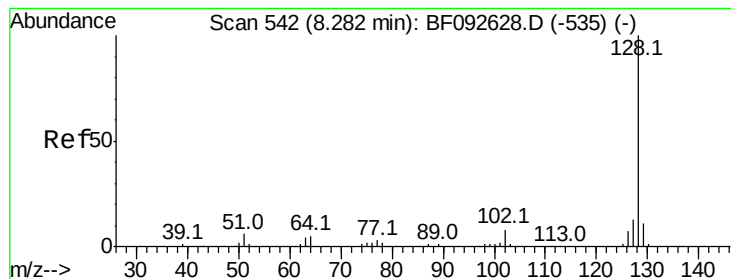
#30
 1,2,4-Trichlorobenzene
 Concen: 39.26 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.2	117.4
145	31.6	21.6	32.4



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: 37.29 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

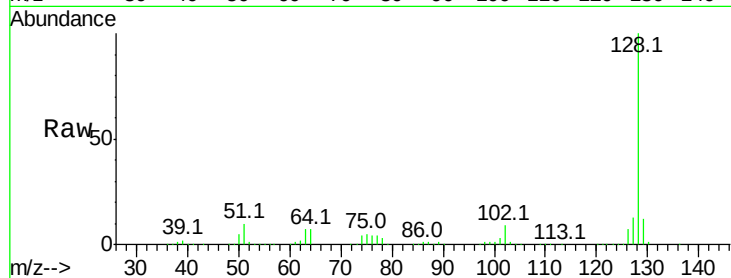
Tot Ion:128 Resp: 1209318

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

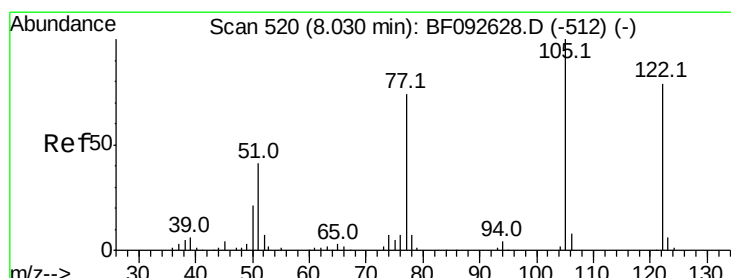
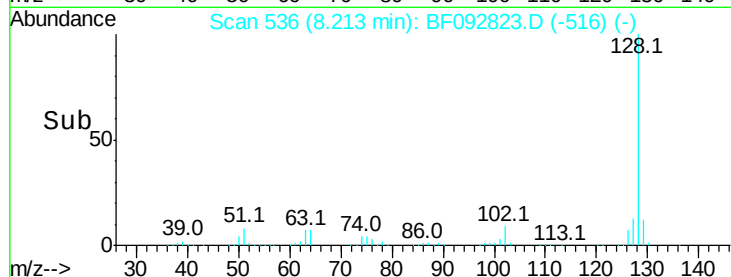
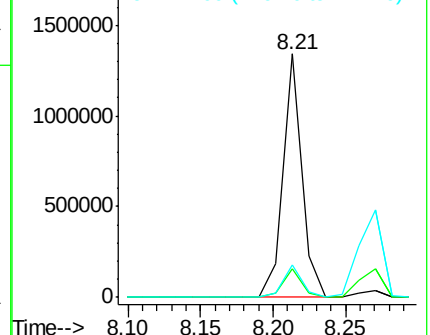
127 13.5 10.8 16.2



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: 41.32 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

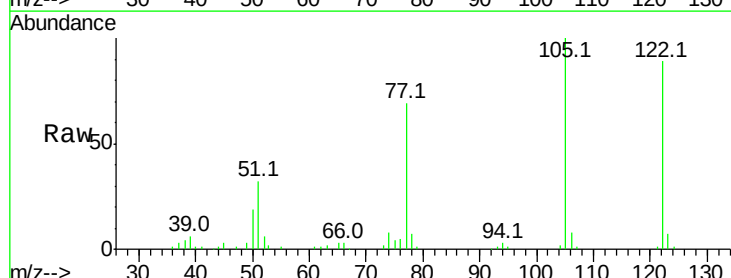
Tgt Ion:122 Resp: 224011

Ion Ratio Lower Upper

122 100

105 112.8 107.2 147.2

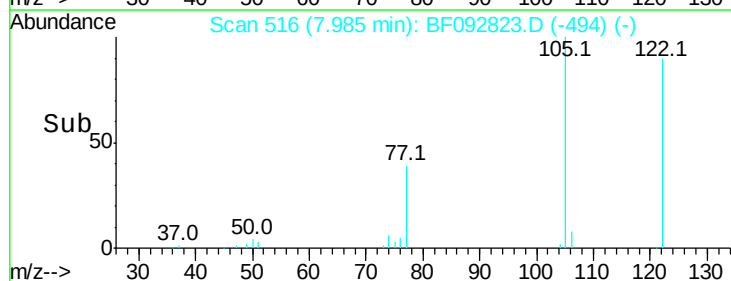
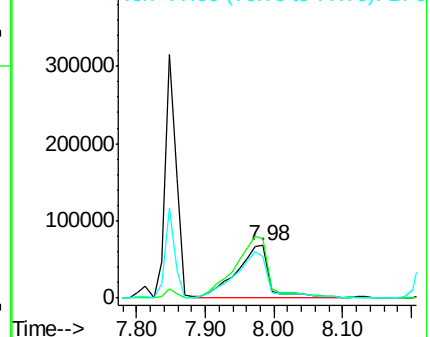
77 78.2 74.5 114.5

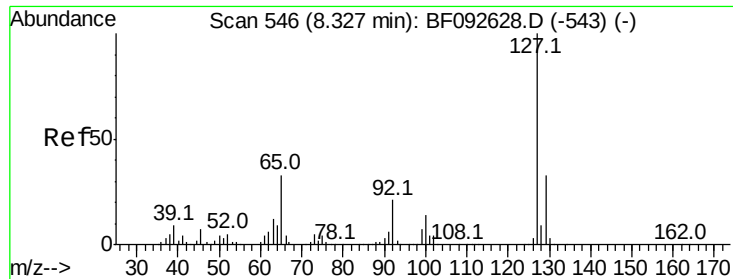


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

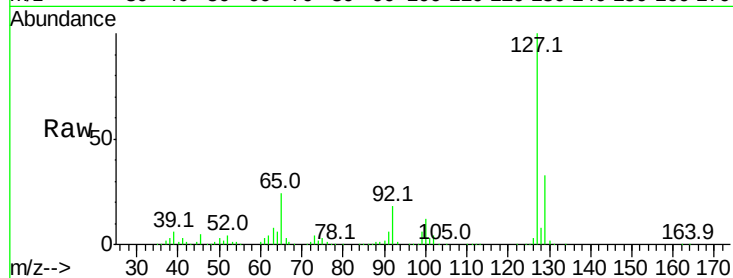




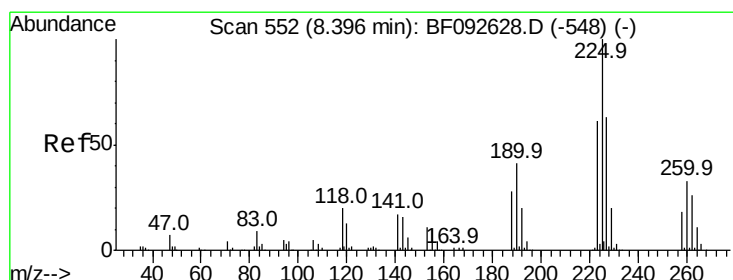
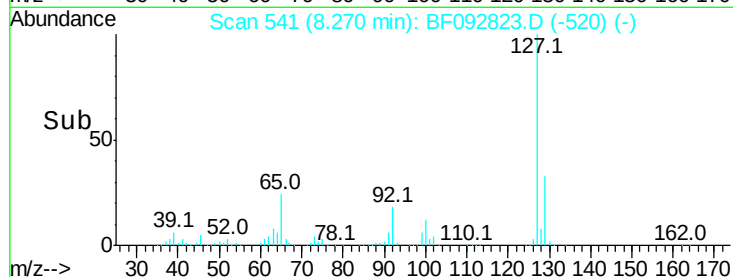
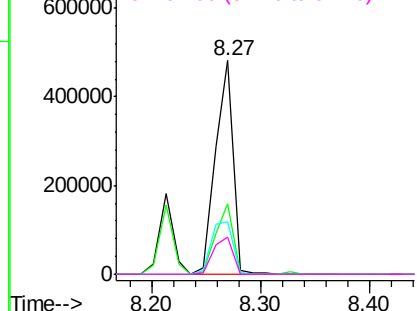
#33
4-Chloroaniline
Concen: 43.10 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	548162
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	24.3	25.8	38.8#
92	17.7	16.1	24.1

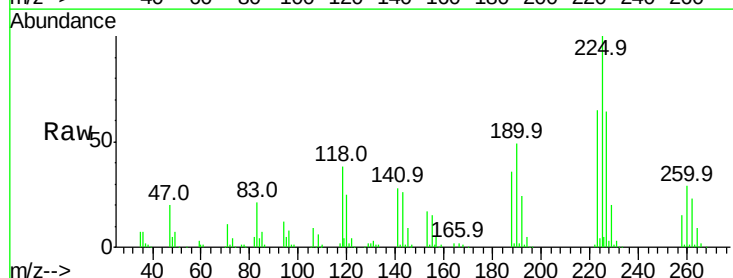


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

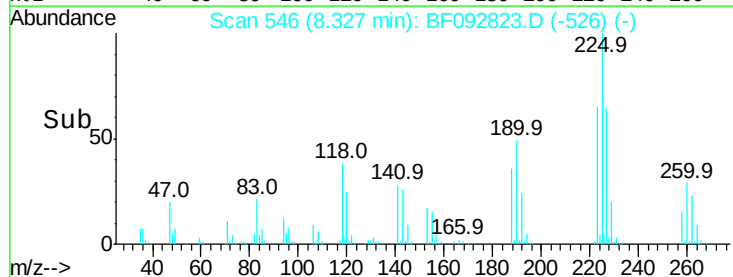
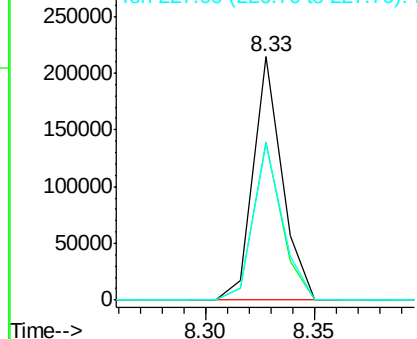


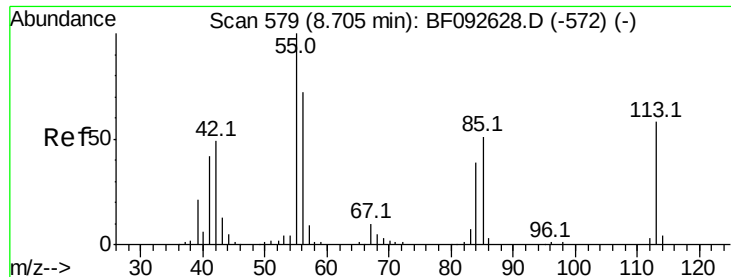
#34
Hexachlorobutadiene
Concen: 36.43 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.07 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion:	225	Resp:	198370
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	64.3	50.6	76.0



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: 45.34 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

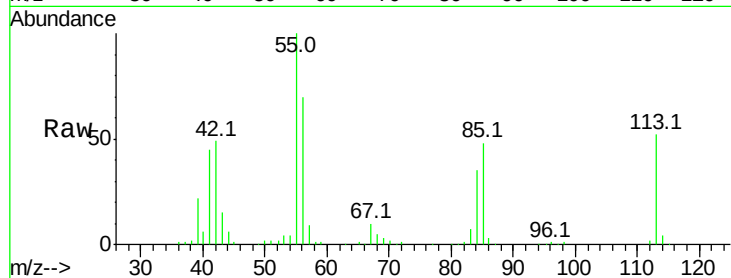
Tot Ion:113 Resp: 130992

Ion Ratio Lower Upper

113 100

55 191.2 119.2 159.2#

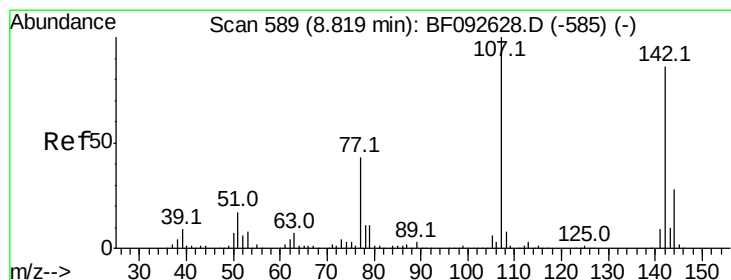
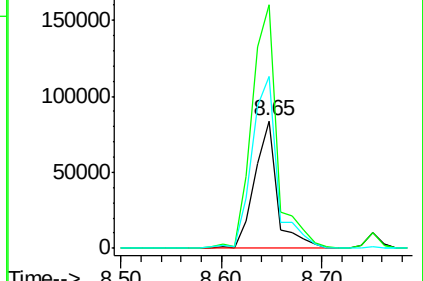
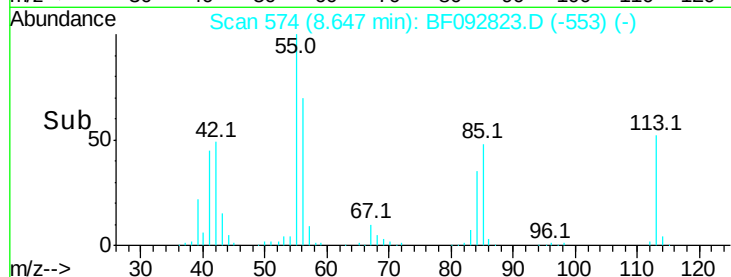
56 134.6 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.33 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

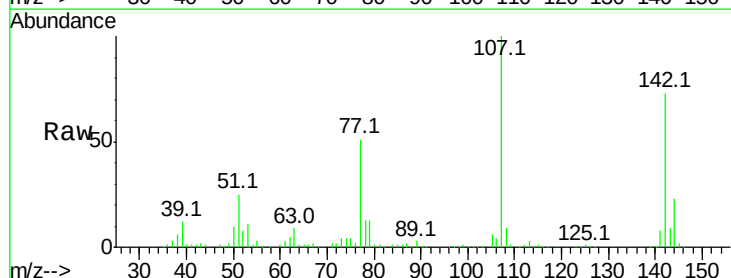
Tgt Ion:107 Resp: 367056

Ion Ratio Lower Upper

107 100

144 23.4 19.3 28.9

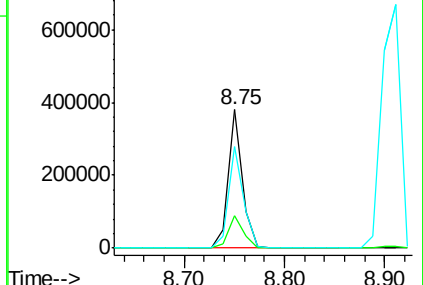
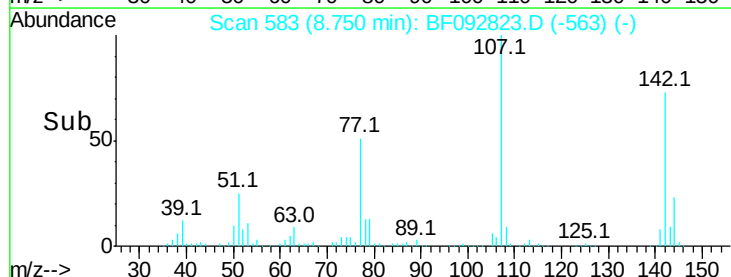
142 73.5 59.0 88.6

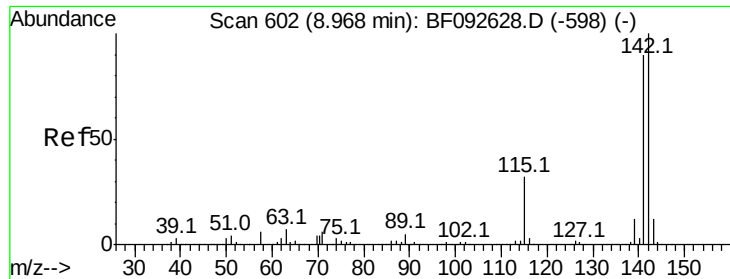


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

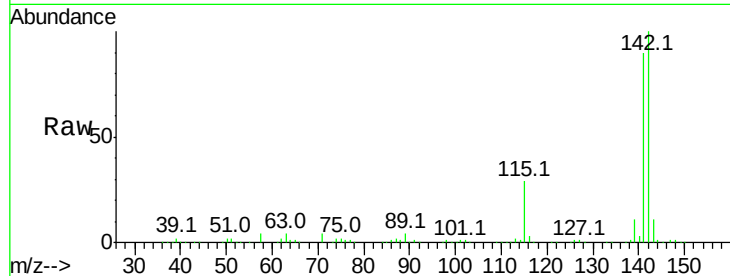




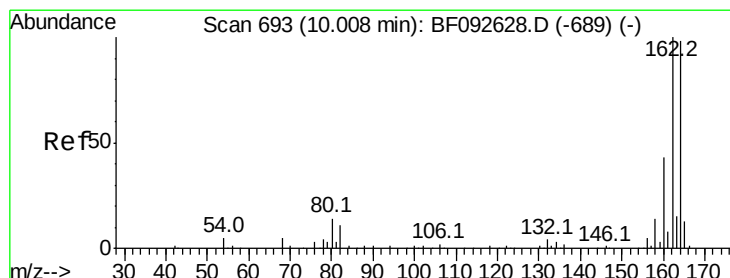
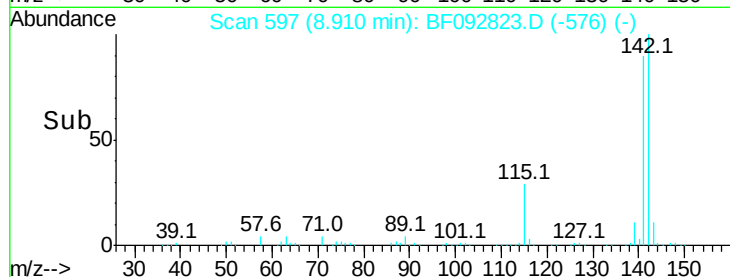
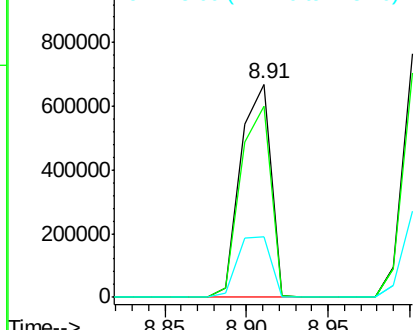
#37
2-Methylnaphthalene
Concen: 41.19 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 857827
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 28.6 28.3 42.5

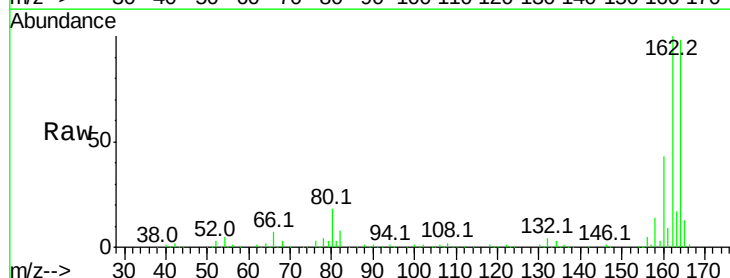


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

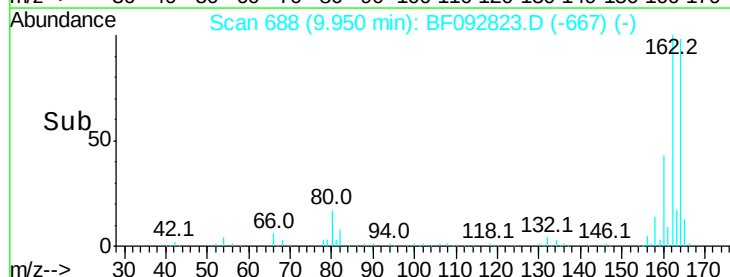
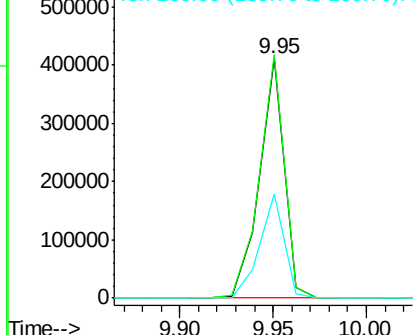


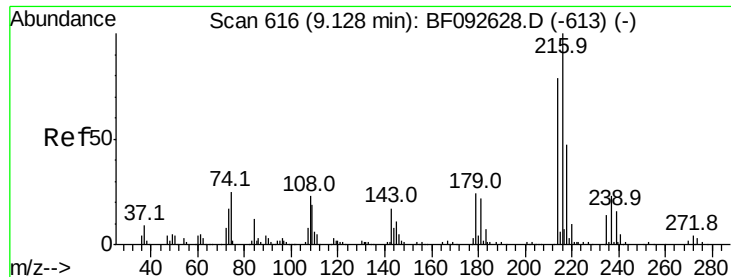
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion:164 Resp: 374037
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 43.2 36.9 55.3



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

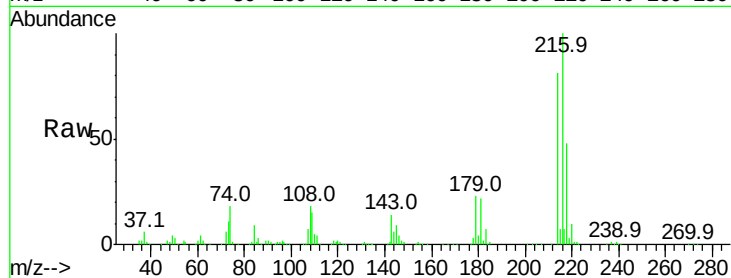




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.90 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	376891
Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.4	95.0
179	22.8	17.4	26.2
108	19.6	15.6	23.4

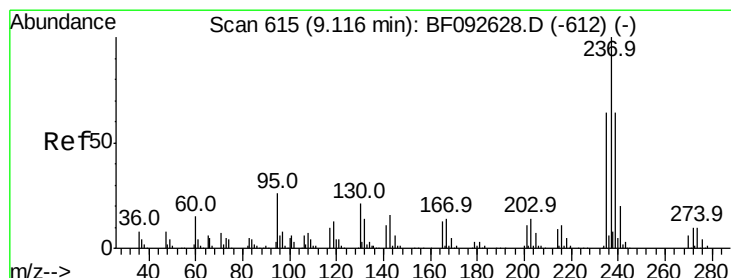
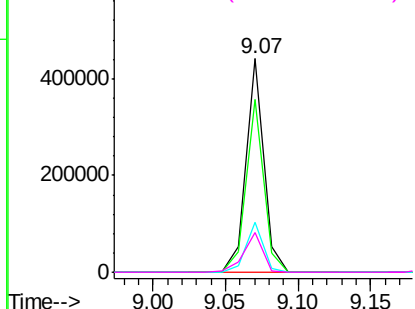
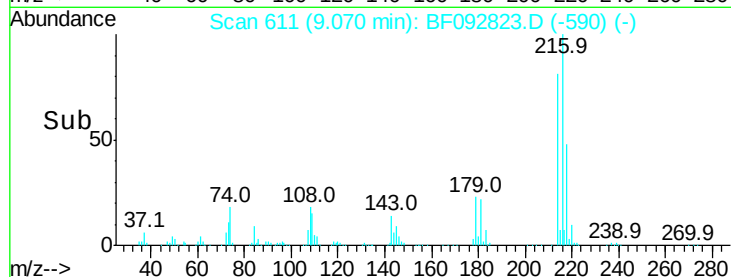


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

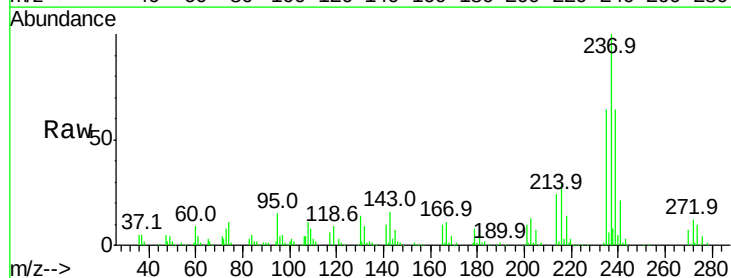
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 33.03 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

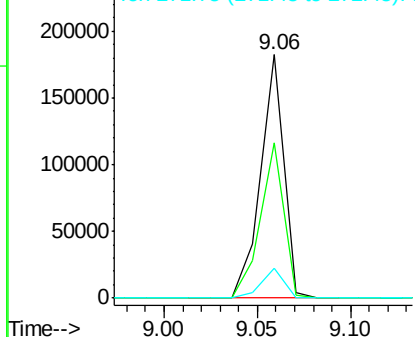
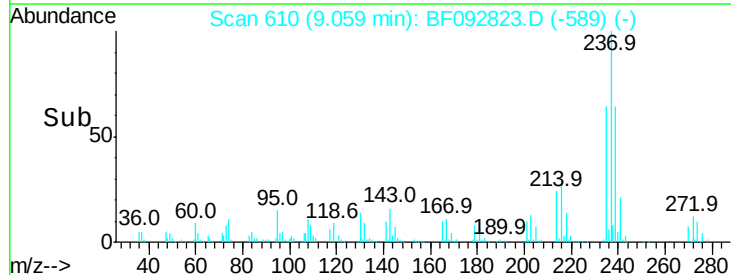
Tgt Ion:	237	Resp:	156469
Ion	Ratio	Lower	Upper
237	100		
235	63.6	41.2	81.2
272	12.5	0.0	35.4

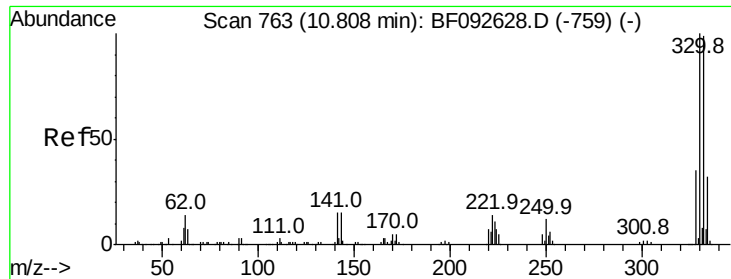


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

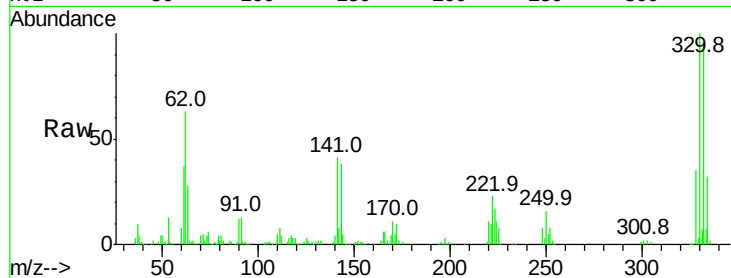




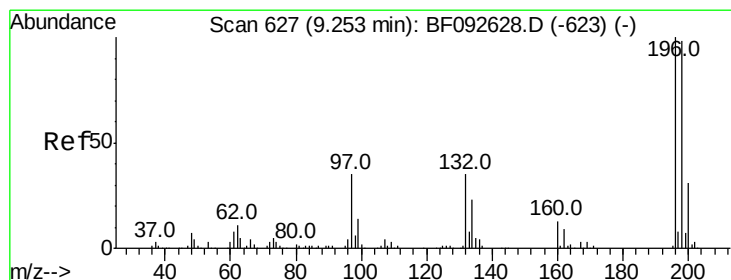
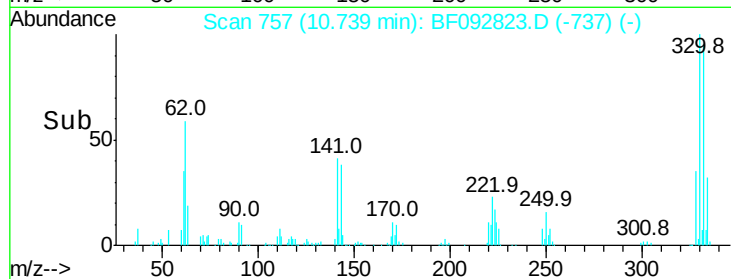
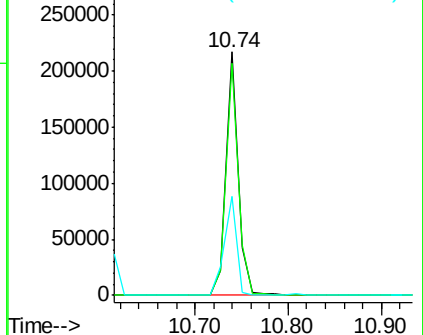
#41
 2,4,6-Tribromophenol
 Concen: 73.45 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 198713
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 41.1 34.1 51.1

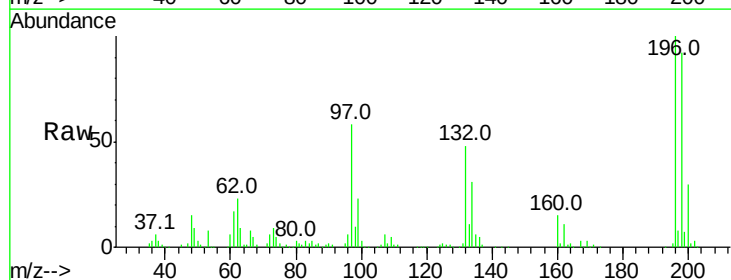


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

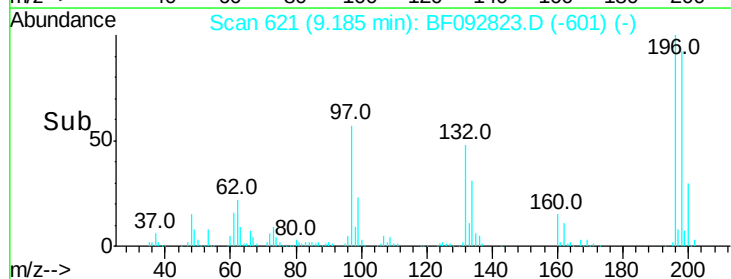
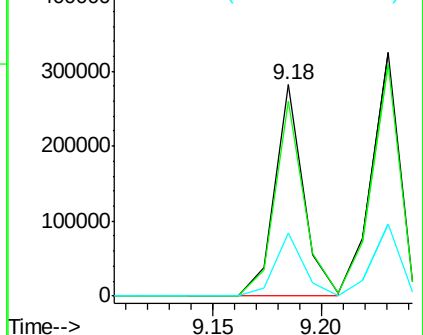


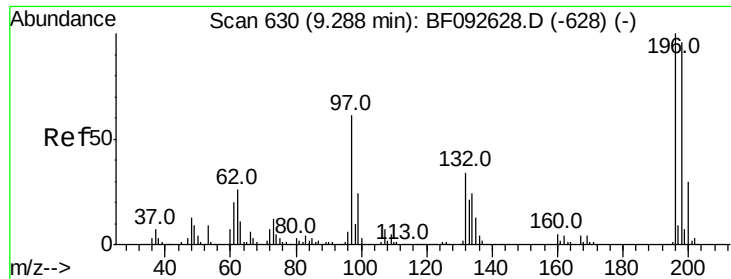
#42
 2,4,6-Trichlorophenol
 Concen: 37.69 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.07 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion:196 Resp: 260027
 Ion Ratio Lower Upper
 196 100
 198 92.3 82.1 123.1
 200 29.9 27.0 40.4



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

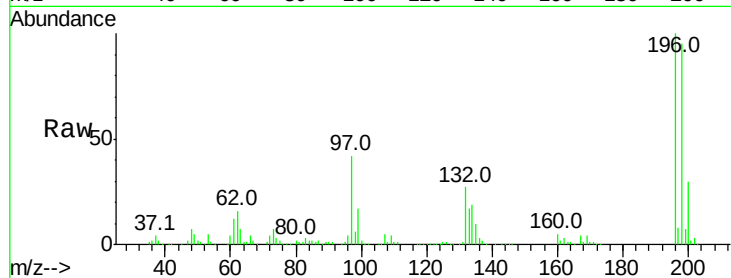




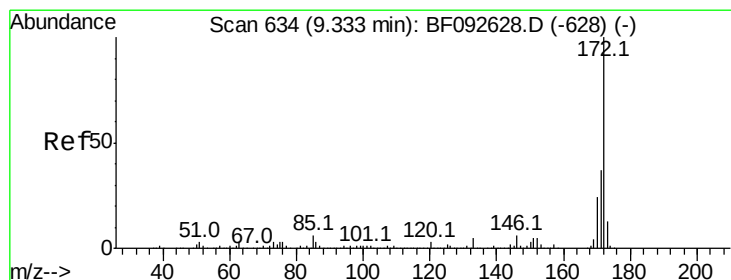
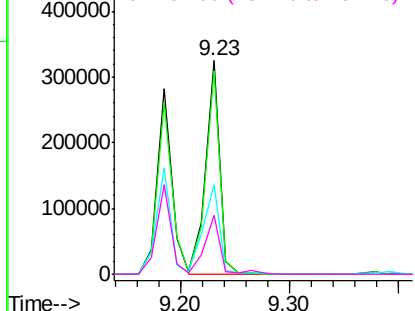
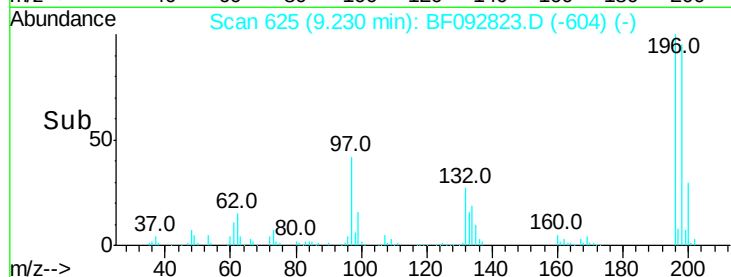
#43
 2,4,5-Trichlorophenol
 Concen: 38.95 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.4	119.2
97	41.8	51.5	77.3#
132	27.5	27.4	41.2

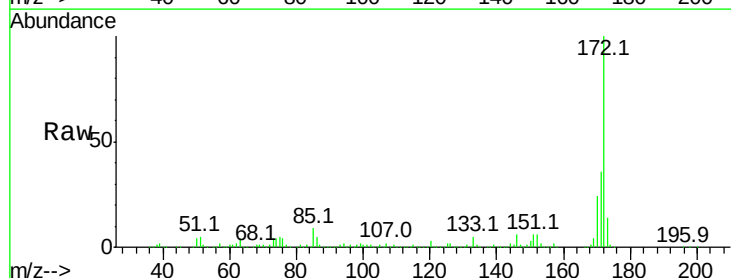


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

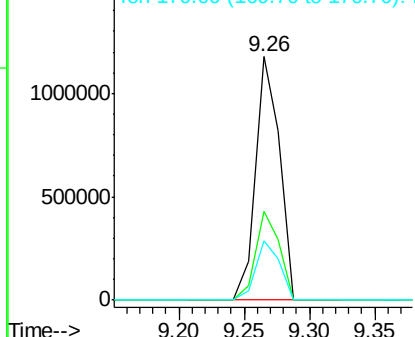
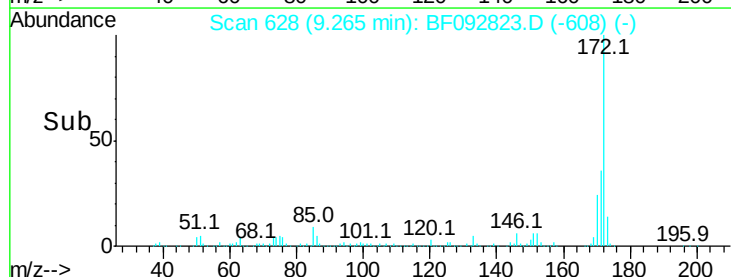


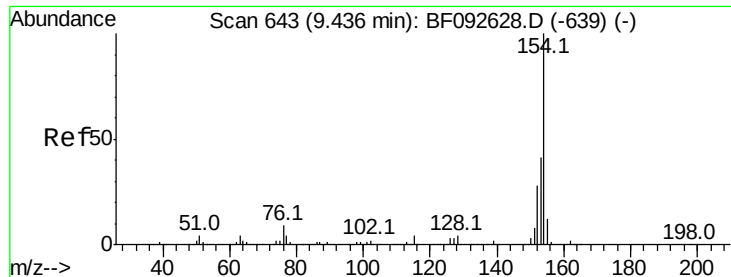
#44
 2-Fluorobiphenyl
 Concen: 72.91 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	20.2	30.4



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: 35.44 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

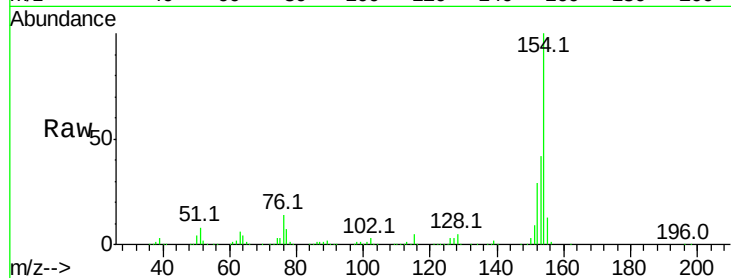
Tot Ion:154 Resp: 959981

Ion Ratio Lower Upper

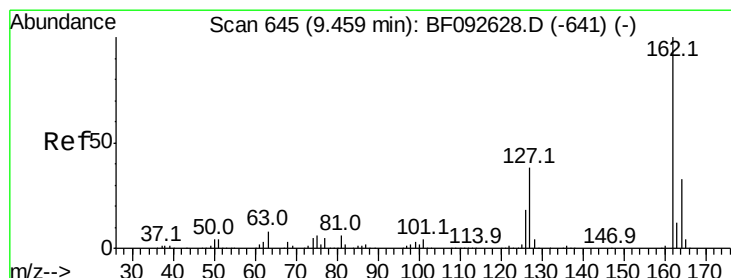
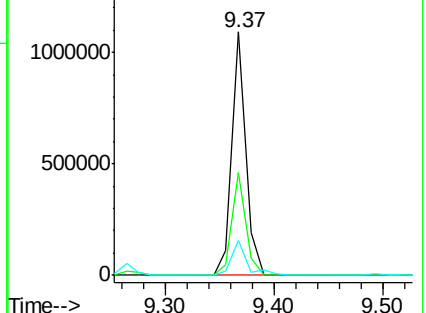
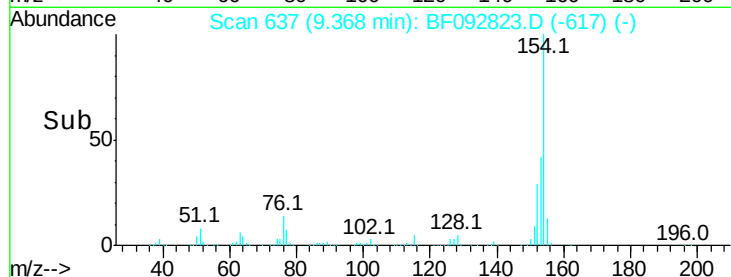
154 100

153 42.0 20.9 60.9

76 14.5 0.0 30.5



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



#46

2-Chloronaphthalene

Concen: 37.48 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

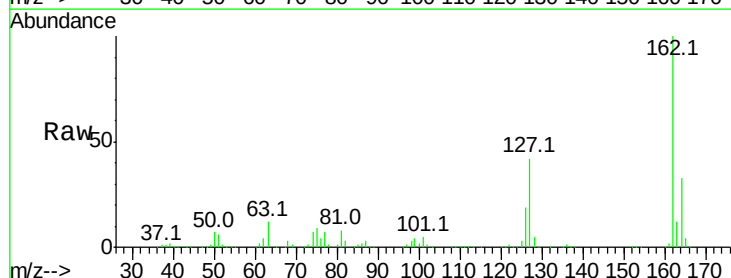
Tgt Ion:162 Resp: 794056

Ion Ratio Lower Upper

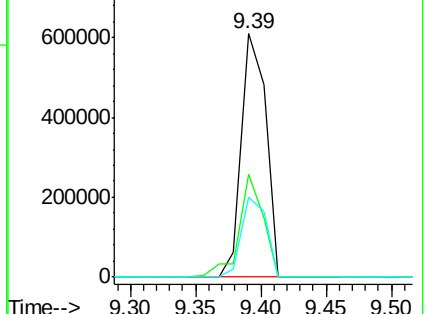
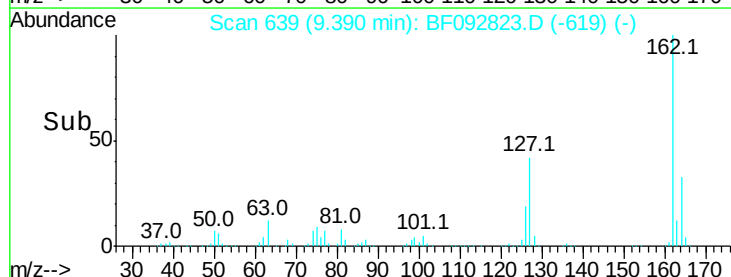
162 100

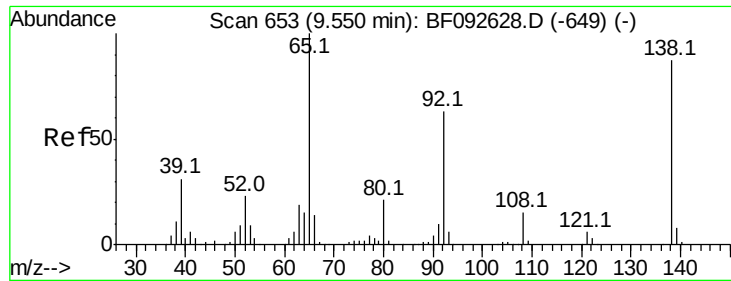
127 42.3 30.7 46.1

164 32.6 27.6 41.4



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

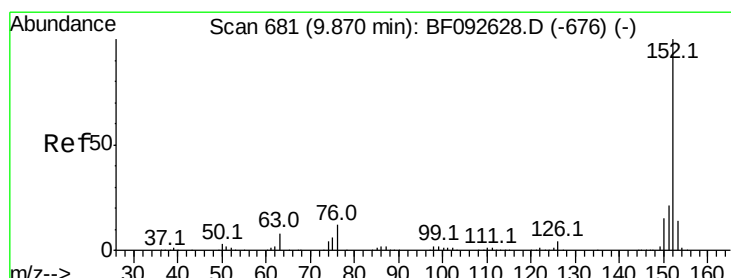
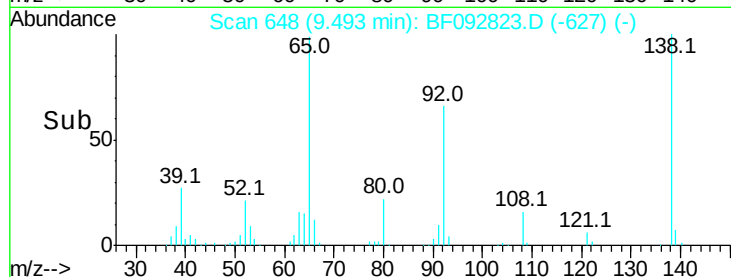
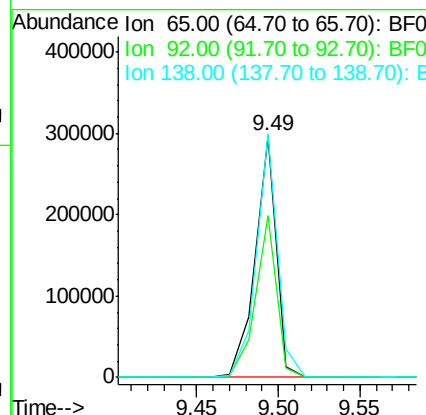
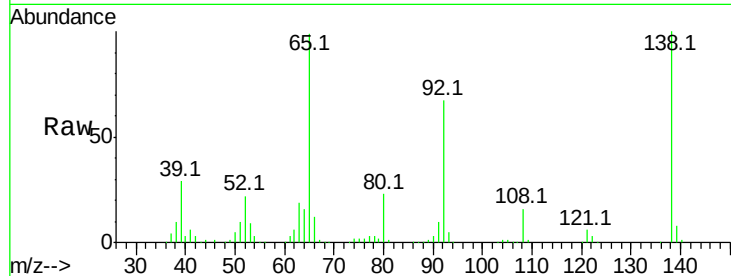




#47
2-Nitroaniline
Concen: 37.42 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

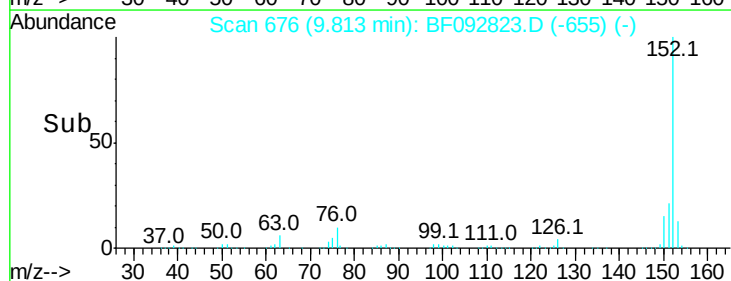
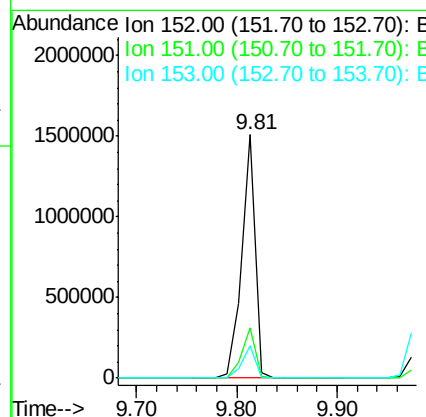
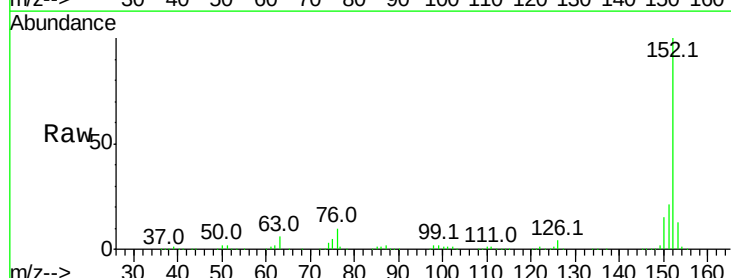
Instrument :
BNA_F
ClientSampleId :

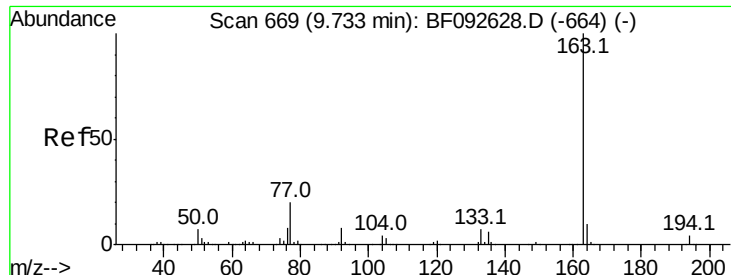
Tot Ion: 65 Resp: 266565
Ion Ratio Lower Upper
65 100
92 67.3 53.9 80.9
138 100.9 76.8 115.2



#48
Acenaphthylene
Concen: 38.30 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion:152 Resp: 1401760
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.2 11.4 17.2





#49

Dimethylphthalate

Concen: 39.12 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampled :

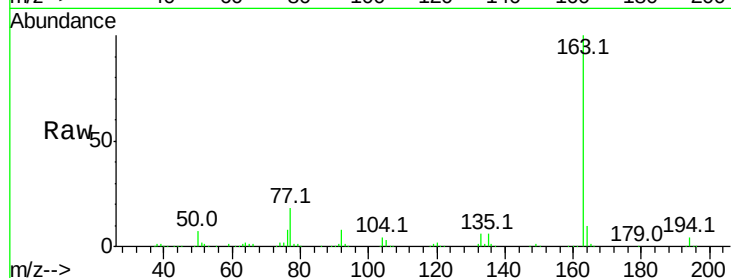
Tot Ion:163 Resp: 985453

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

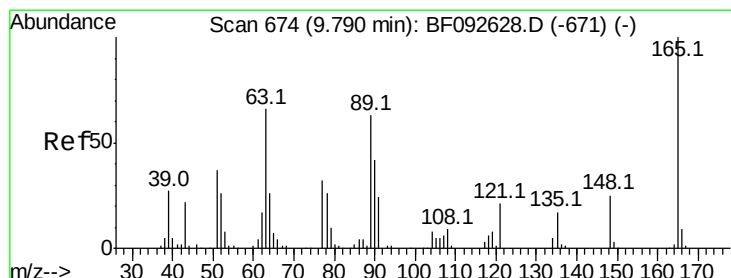
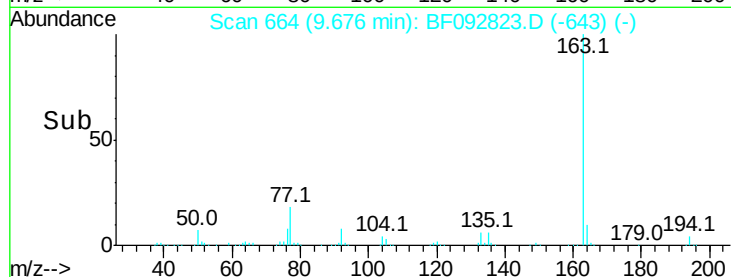
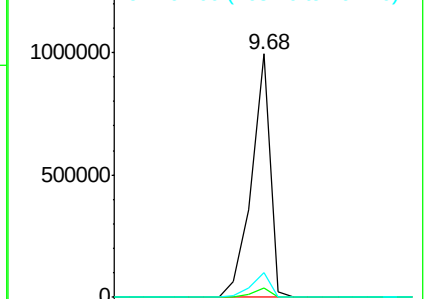
164 10.4 8.0 12.0



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: 36.62 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

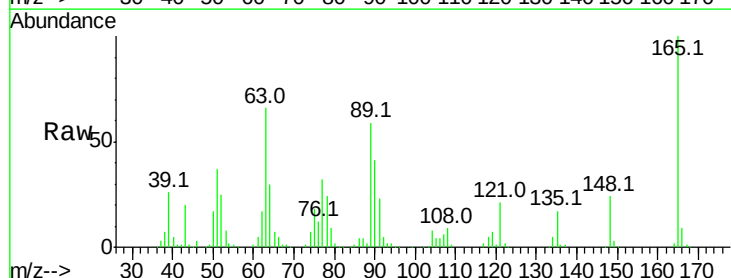
Tgt Ion:165 Resp: 199260

Ion Ratio Lower Upper

165 100

63 66.3 36.2 54.4#

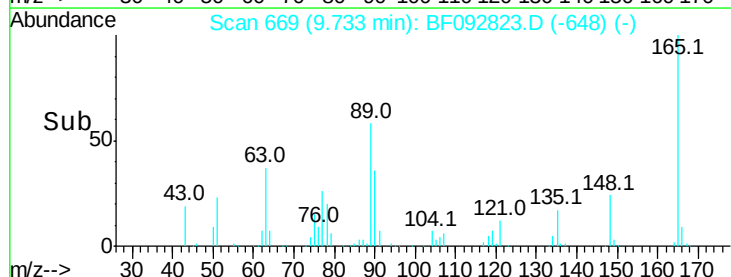
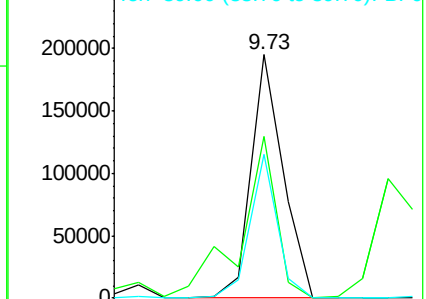
89 59.0 40.2 60.4

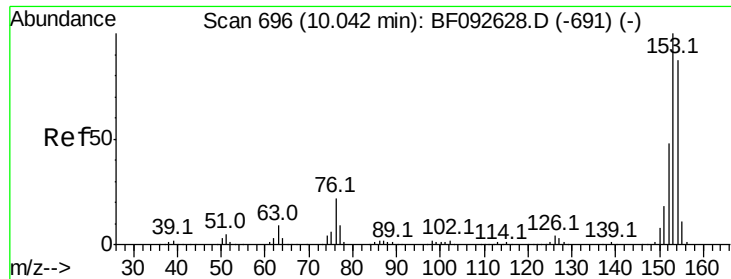


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.01 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

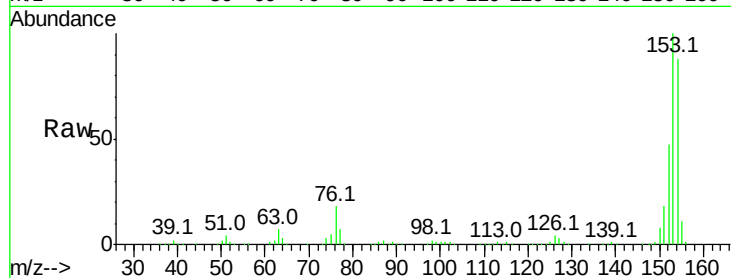
Tot Ion:154 Resp: 853619

Ion Ratio Lower Upper

154 100

153 113.4 88.6 133.0

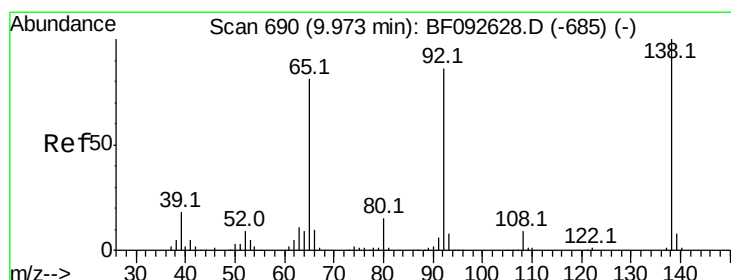
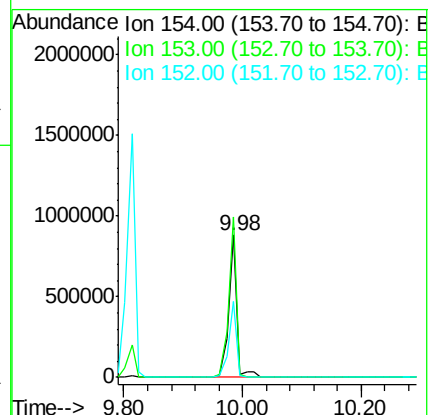
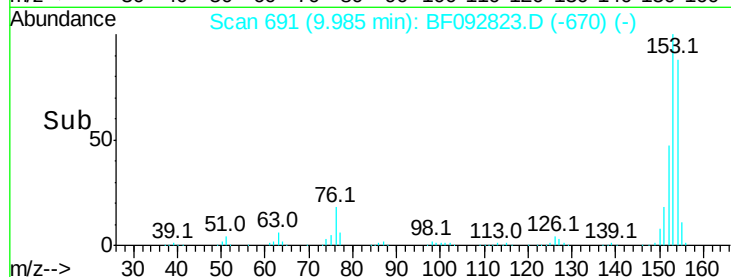
152 53.6 41.6 62.4



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: 35.18 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

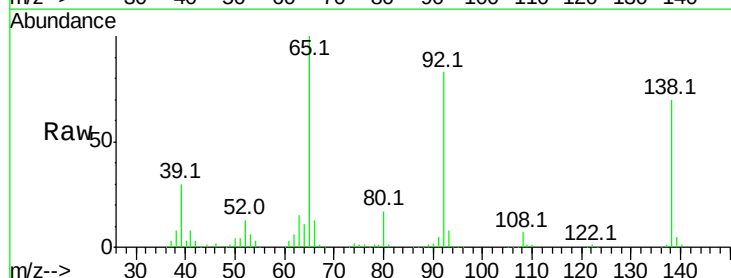
Tgt Ion:138 Resp: 219030

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

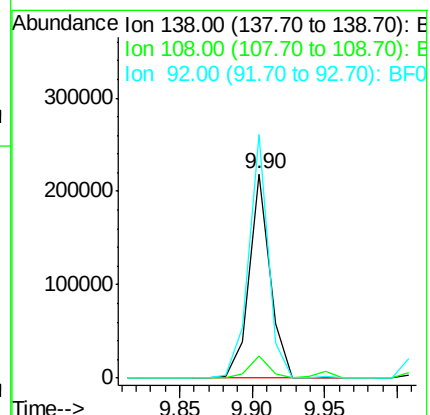
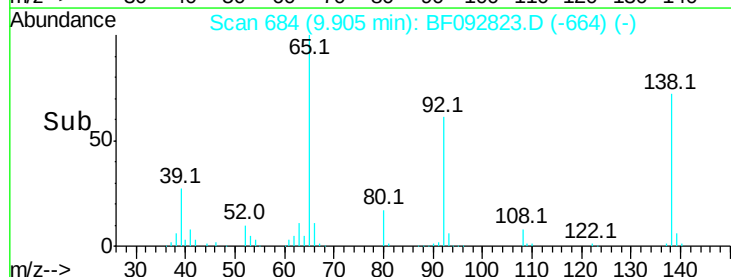
92 119.3 97.8 146.8

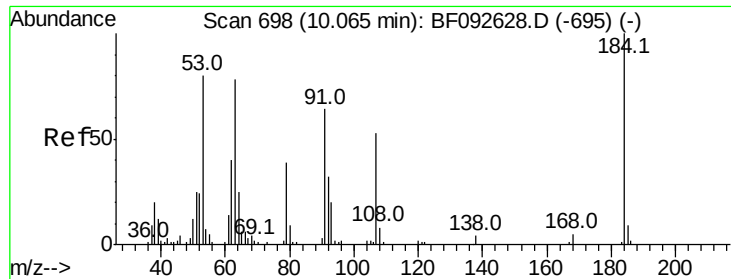


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

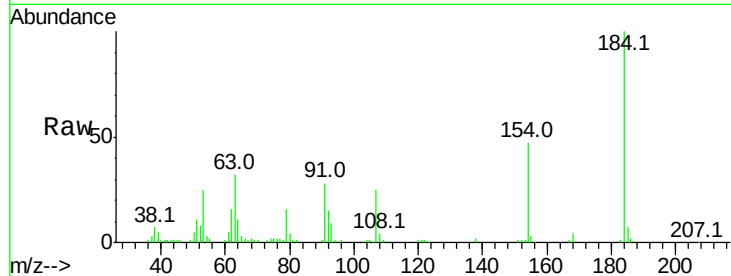




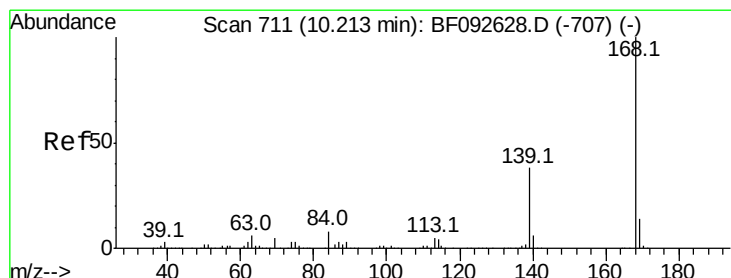
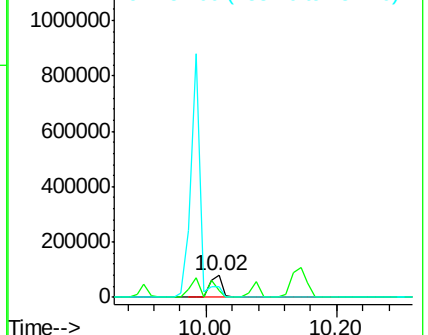
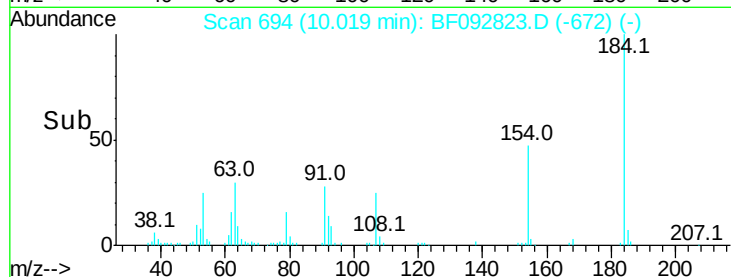
#53
2,4-Dinitrophenol
Concen: 41.76 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.04 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 108917
Ion Ratio Lower Upper
184 100
63 31.6 28.4 42.6
154 47.2 44.3 66.5

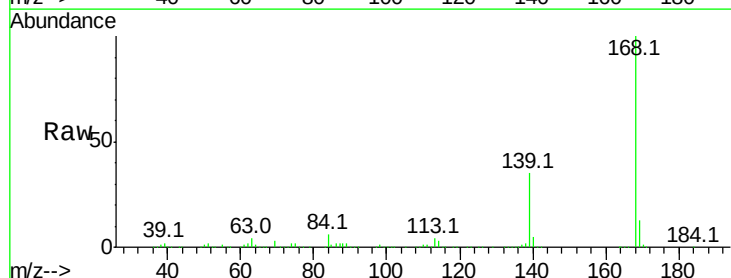


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

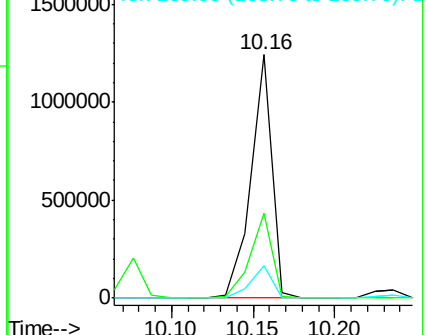
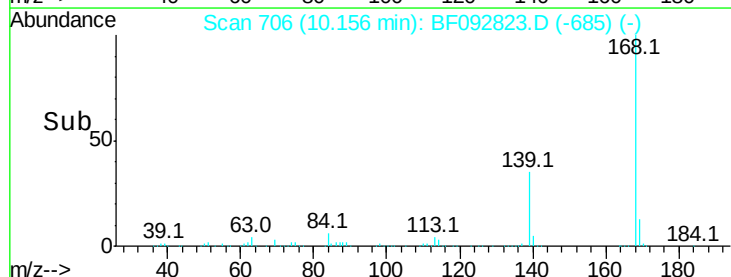


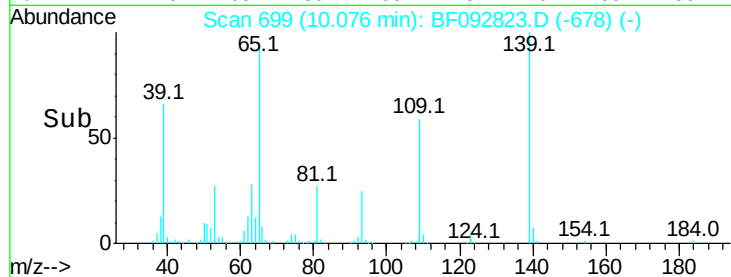
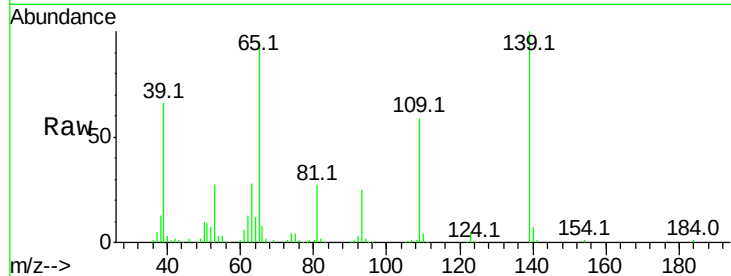
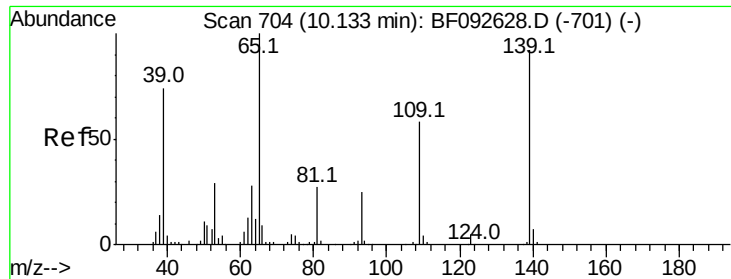
#54
Dibenzofuran
Concen: 37.85 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion:168 Resp: 1107845
Ion Ratio Lower Upper
168 100
139 35.1 32.6 49.0
169 13.3 11.3 16.9



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

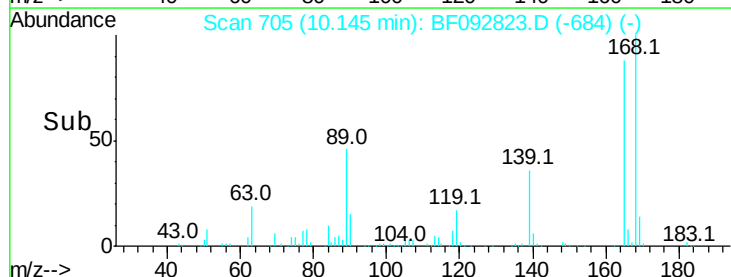
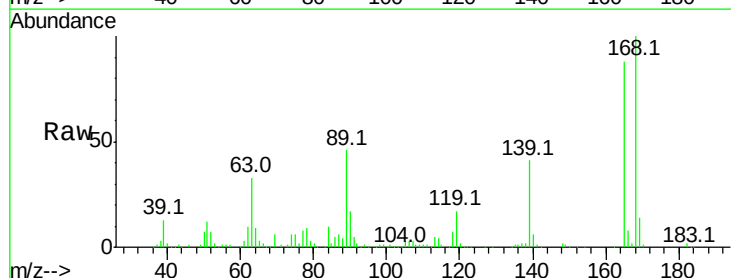
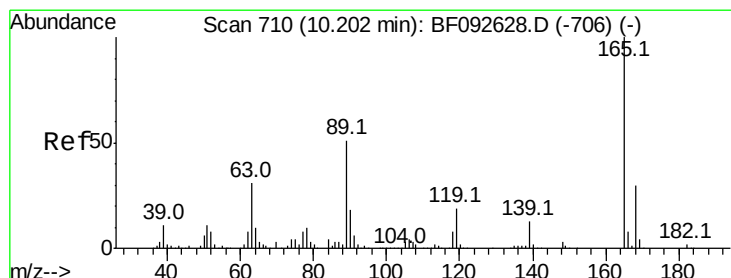
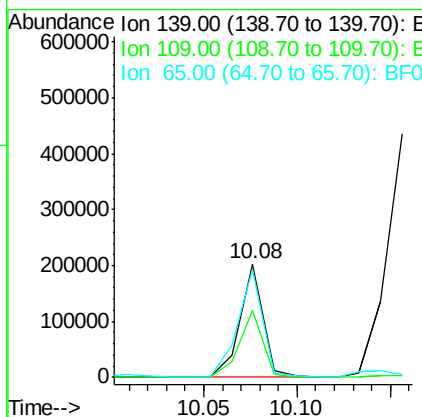




#55
4-Nitrophenol
Concen: 40.00 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

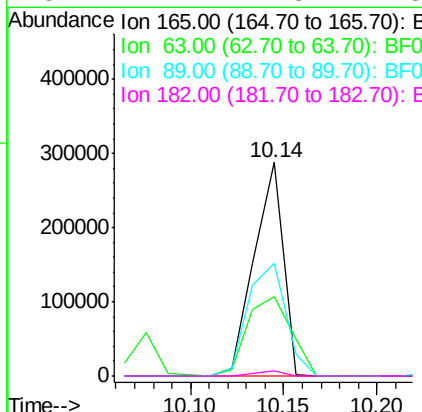
Instrument :
BNA_F
ClientSampleId :

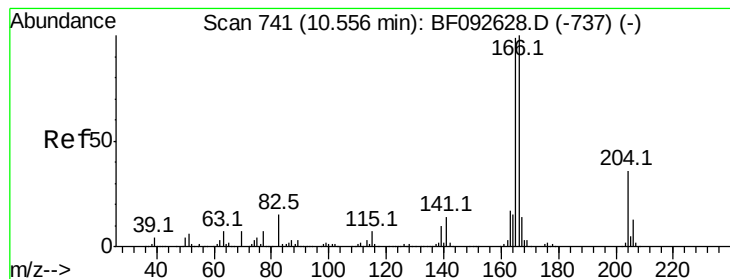
Tot Ion:139 Resp: 179398
Ion Ratio Lower Upper
139 100
109 59.3 52.2 92.2
65 94.9 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 42.78 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion:165 Resp: 309855
Ion Ratio Lower Upper
165 100
63 37.3 40.2 60.4#
89 52.6 62.5 93.7#
182 2.7 1.8 2.8





#57

Fluorene

Concen: 40.67 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

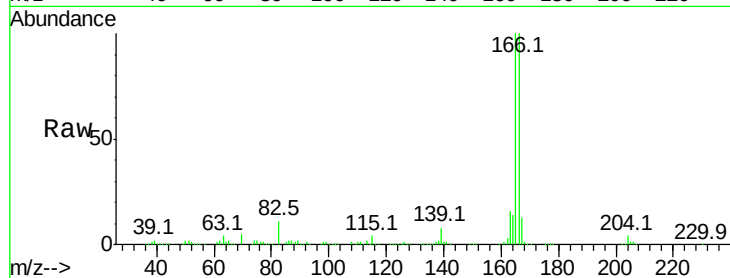
Tot Ion:166 Resp: 915906

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.8

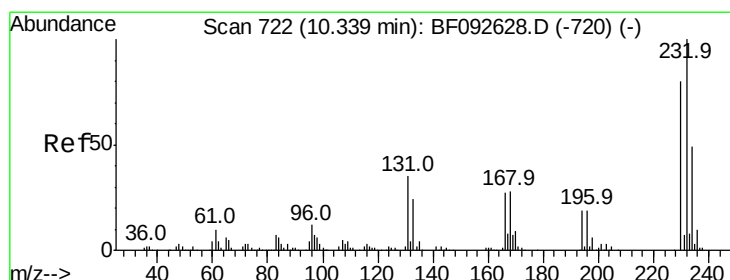
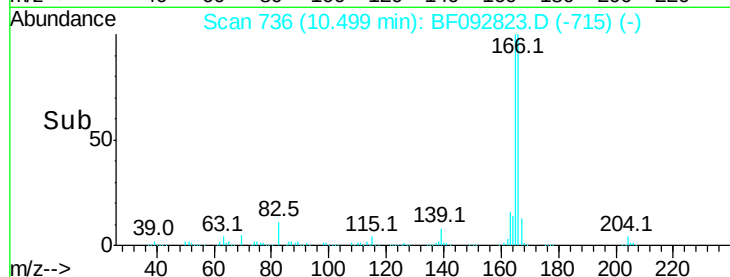
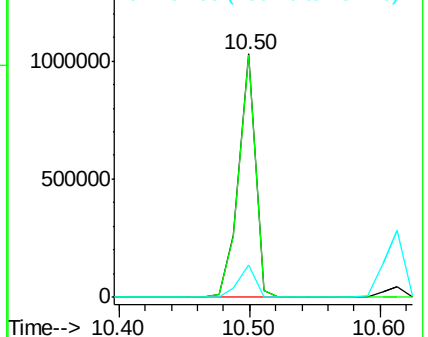
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.07 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Tgt Ion:232 Resp: 191993

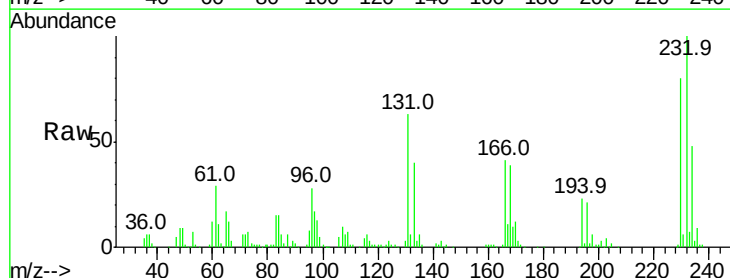
Ion Ratio Lower Upper

232 100

131 47.1 40.1 60.1

130 2.0 1.8 2.8

166 32.7 26.6 39.8

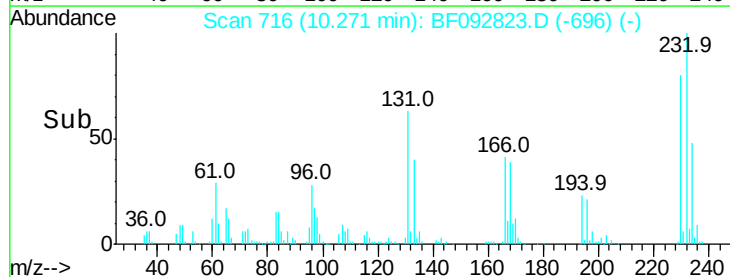
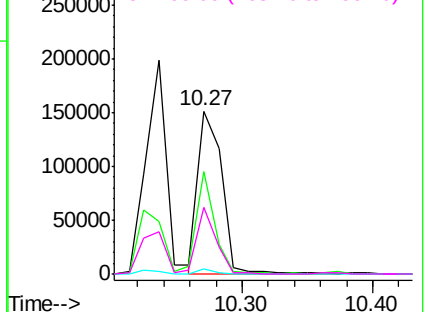


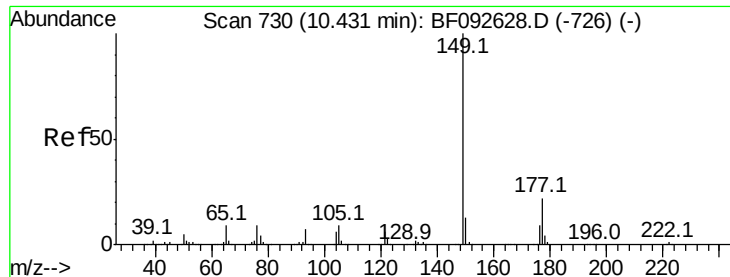
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

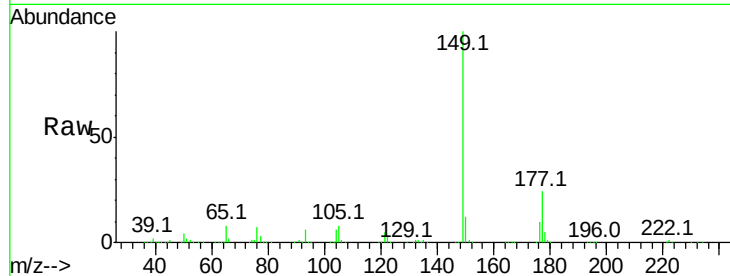




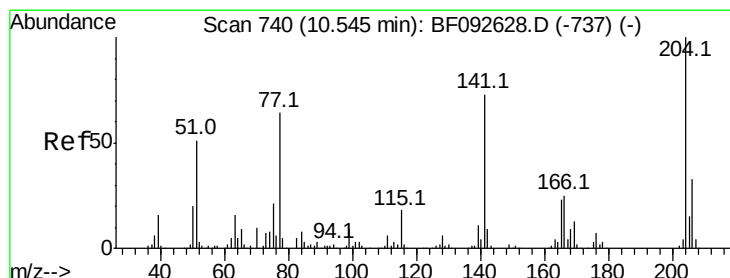
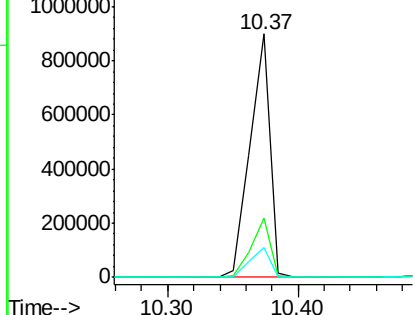
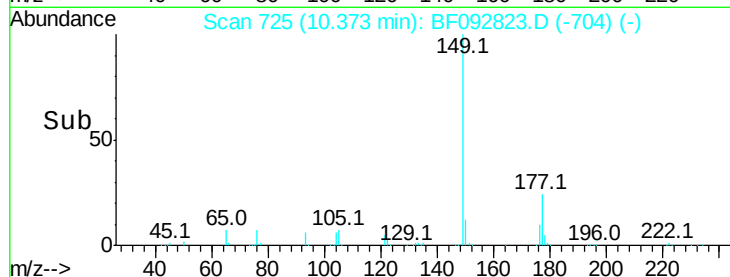
#59
Diethylphthalate
Concen: 40.26 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 955912
Ion Ratio Lower Upper
149 100
177 24.4 16.6 25.0
150 12.5 10.4 15.6

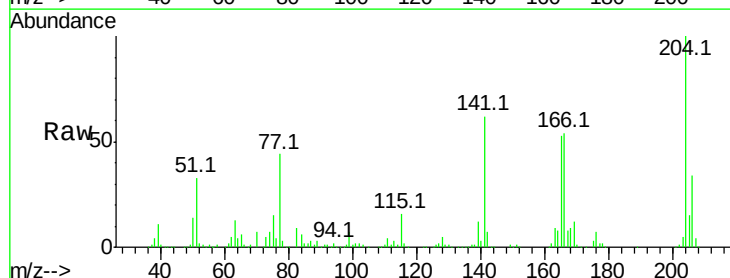


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

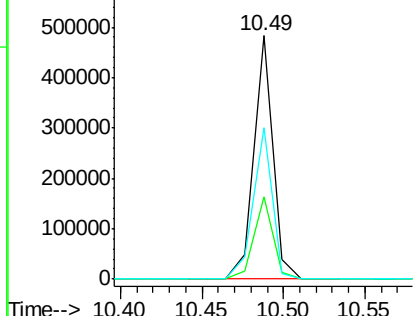
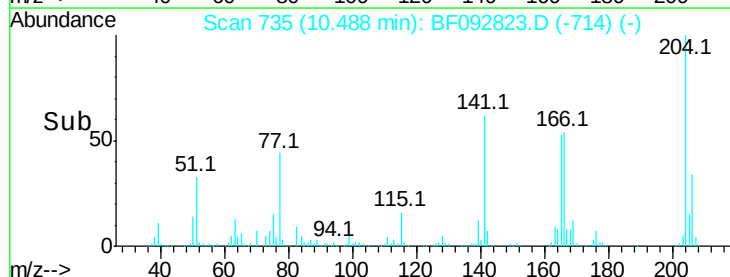


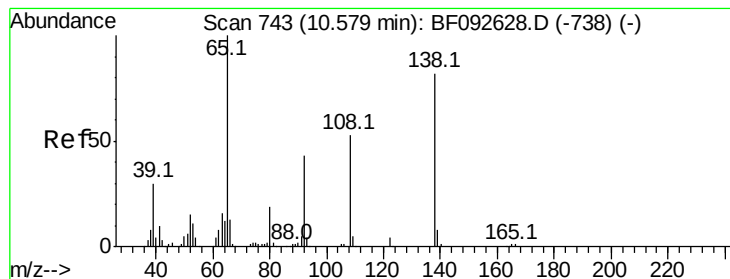
#60
4-Chlorophenyl-phenylether
Concen: 36.36 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion:204 Resp: 393303
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 62.3 59.4 89.0



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

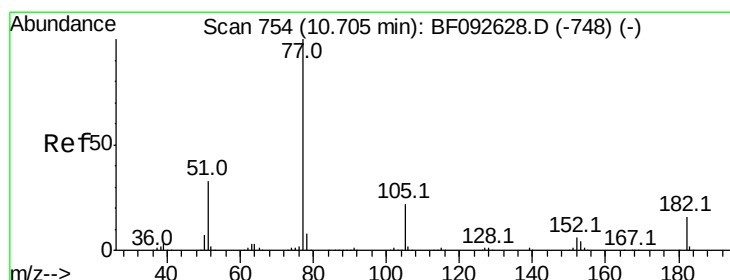
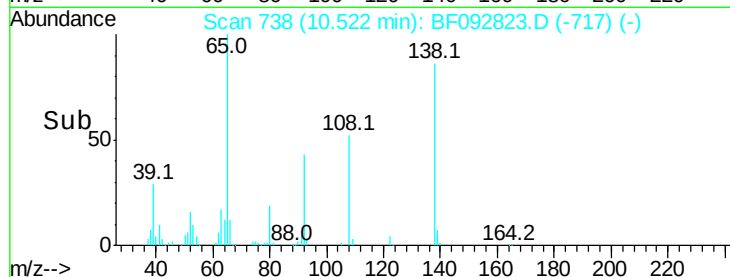
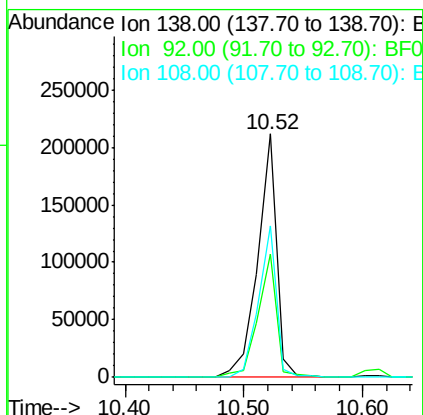
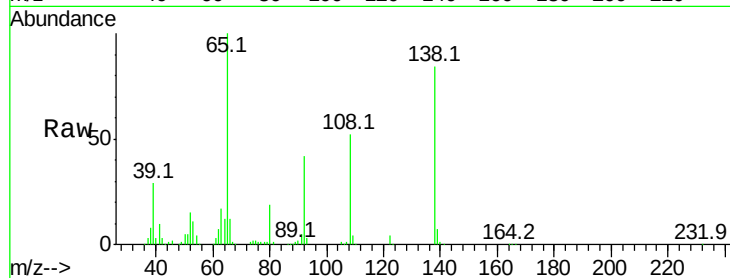




#61
4-Nitroaniline
Concen: 37.29 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

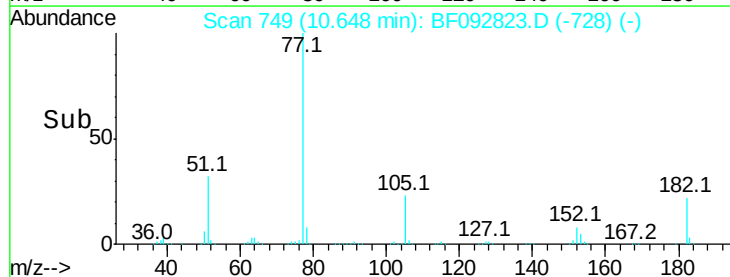
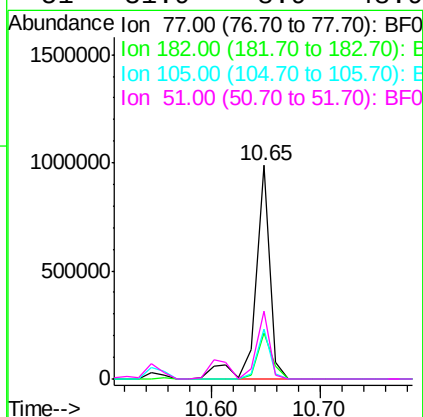
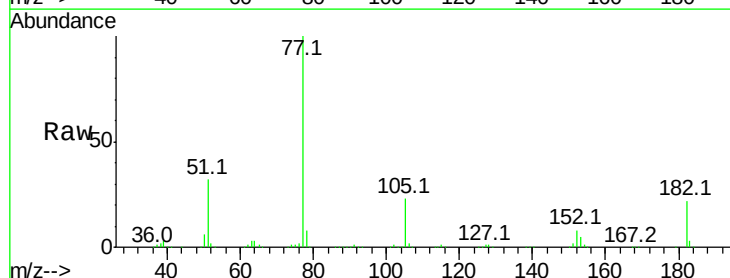
Instrument :
BNA_F
ClientSampleId :

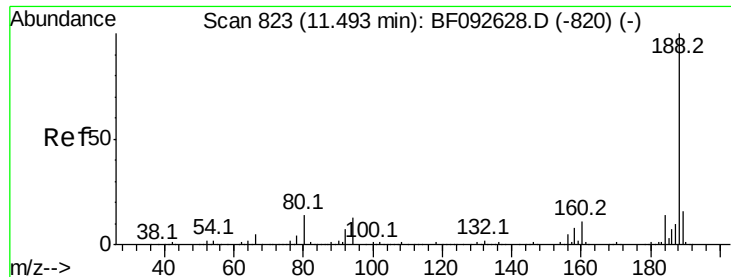
Tot Ion:138 Resp: 237796
Ion Ratio Lower Upper
138 100
92 50.5 31.7 71.7
108 62.2 52.6 92.6



#62
Azobenzene
Concen: 37.31 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion: 77 Resp: 915071
Ion Ratio Lower Upper
77 100
182 21.6 0.0 39.3
105 23.1 2.3 42.3
51 31.9 8.9 48.9

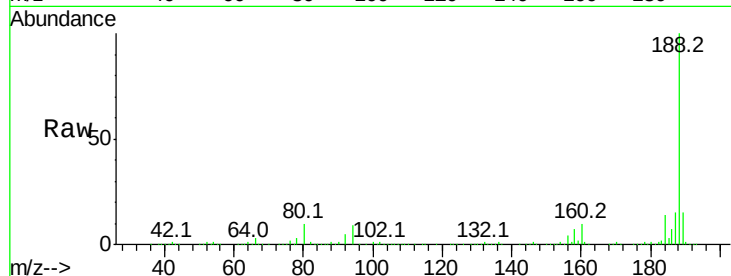




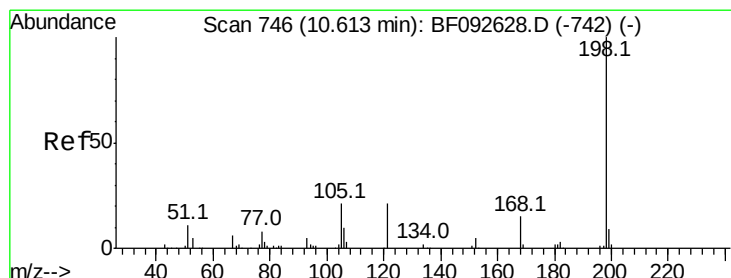
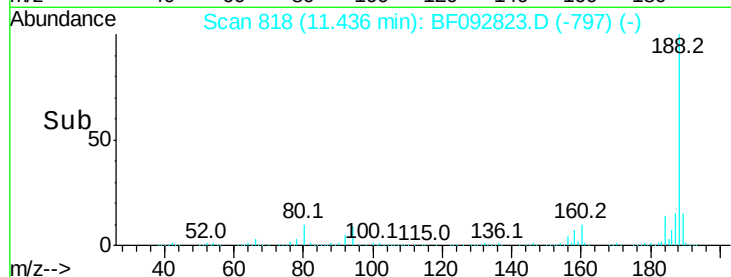
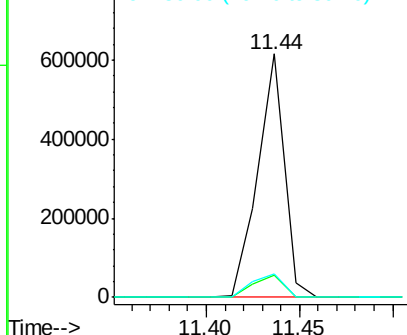
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 605749
 Ion Ratio Lower Upper
 188 100
 94 8.9 10.0 15.0#
 80 9.8 11.2 16.8#

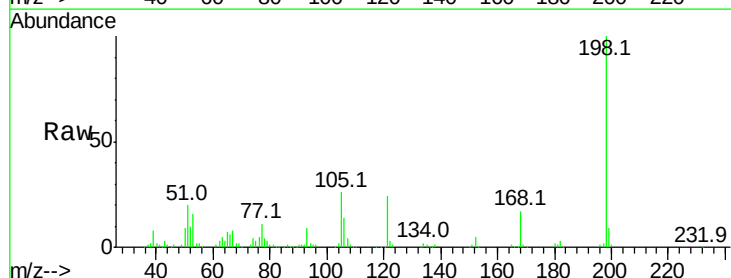


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

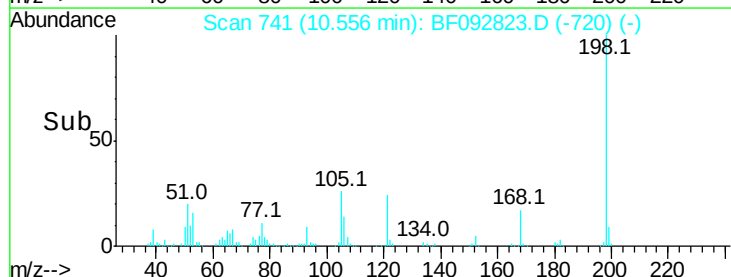
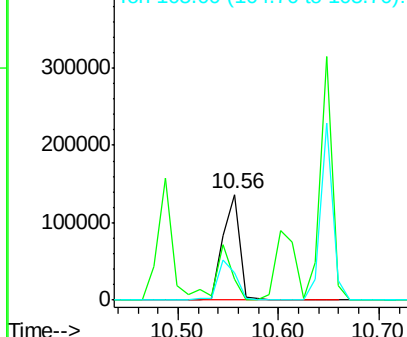


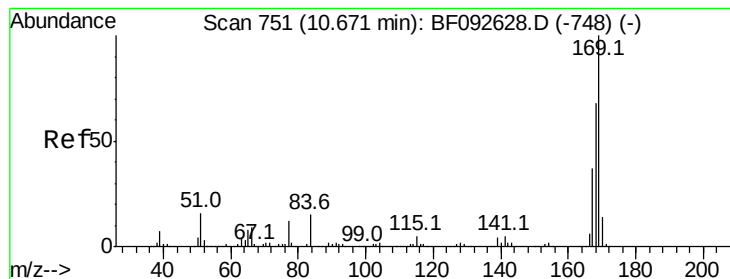
#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.51 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion:198 Resp: 159463
 Ion Ratio Lower Upper
 198 100
 51 19.7 6.7 46.7
 105 26.0 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 42.41 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

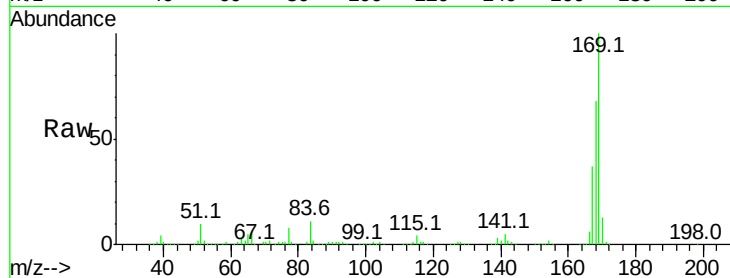
Tot Ion:169 Resp: 820600

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

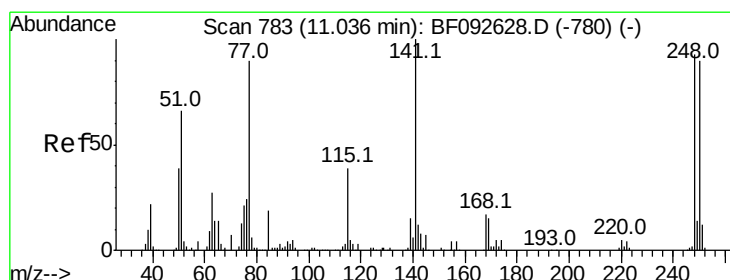
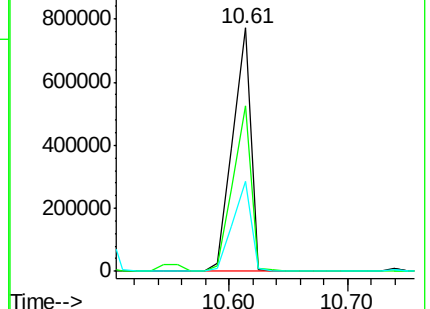
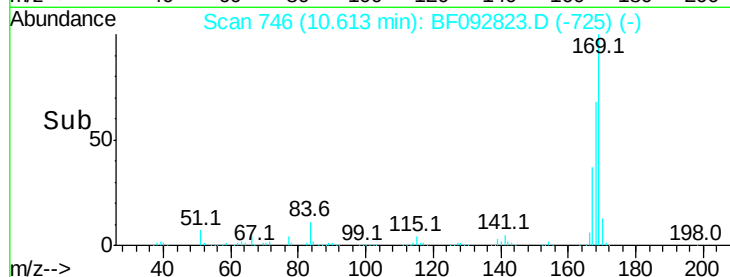
167 37.0 30.2 45.4



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: 39.94 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

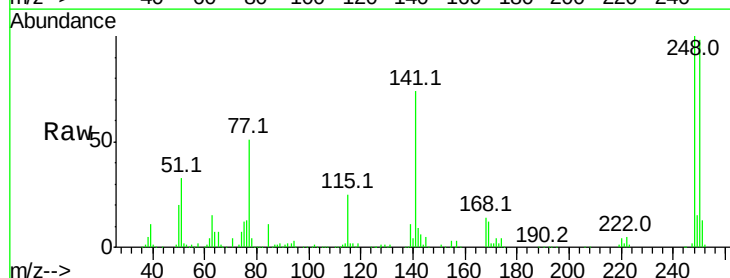
Tgt Ion:248 Resp: 252764

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

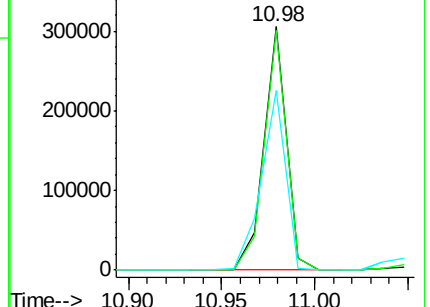
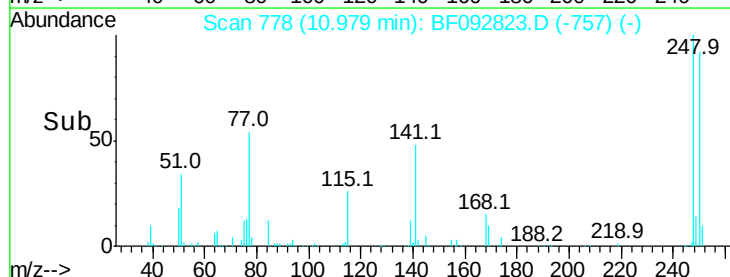
141 73.6 68.2 102.4

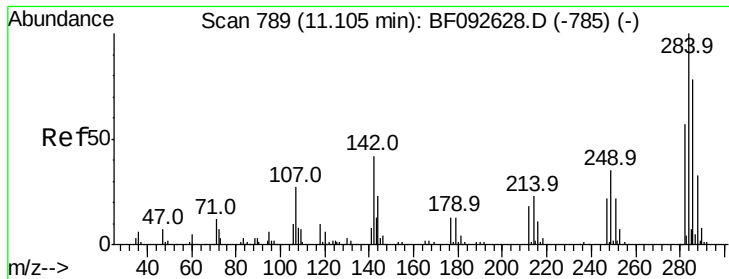


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

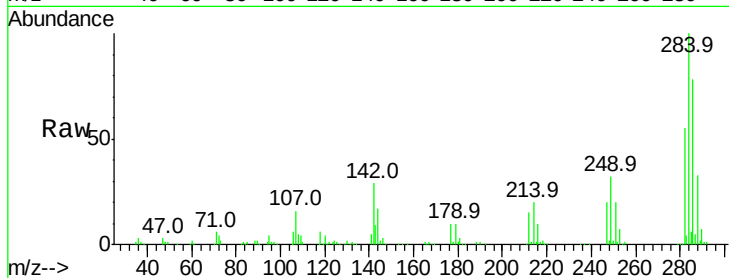




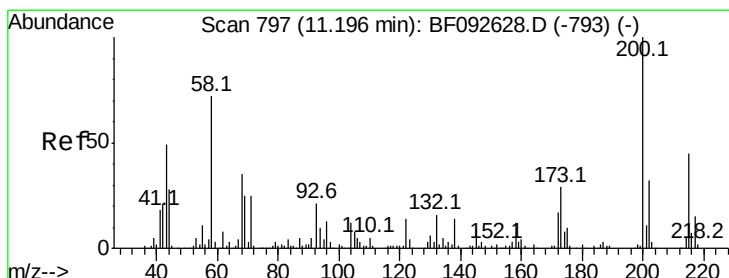
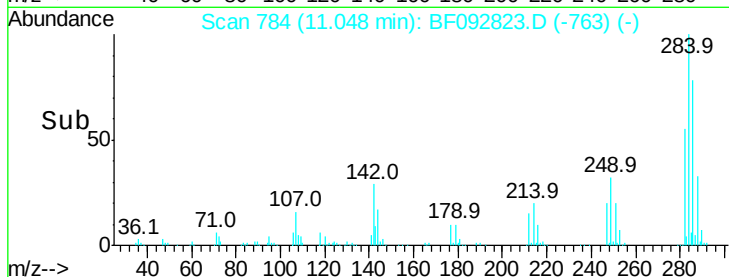
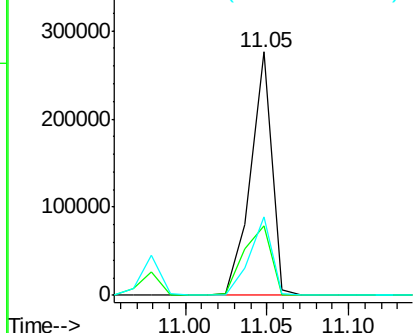
#67
Hexachlorobenzene
Concen: 40.07 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.6	22.6	33.8
249	32.4	25.4	38.0

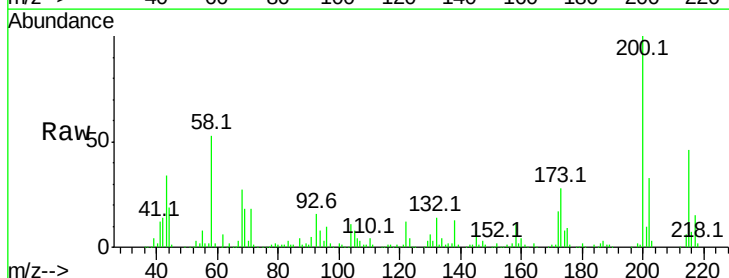


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

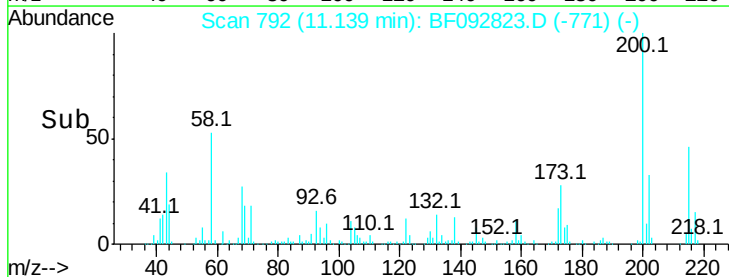
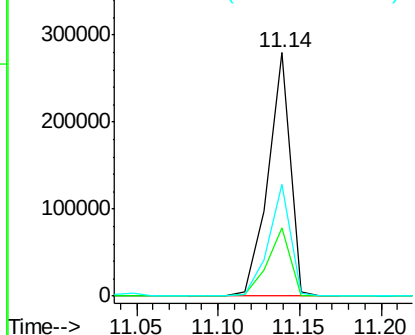


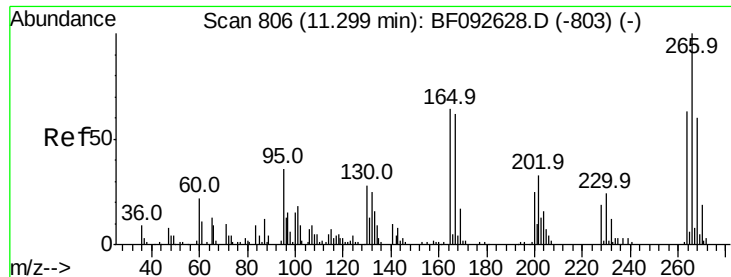
#68
Atrazine
Concen: 42.83 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	9.6	49.6
215	46.1	25.7	65.7



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

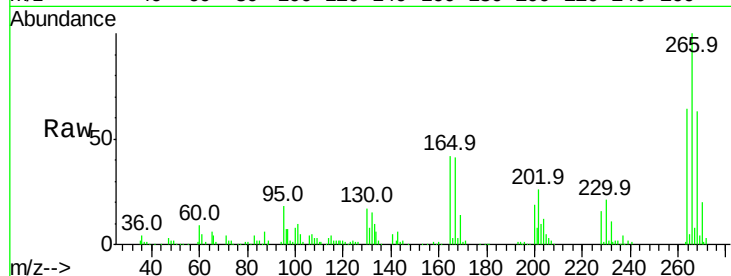




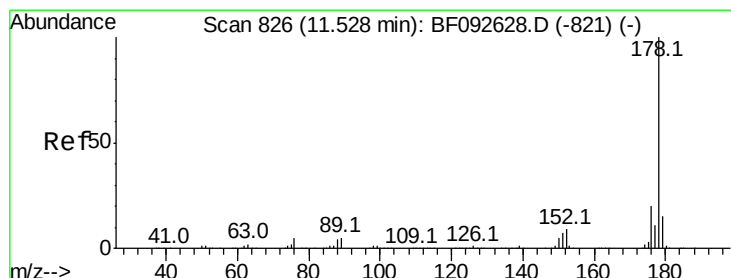
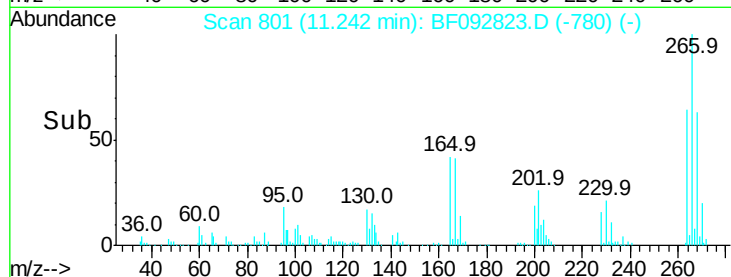
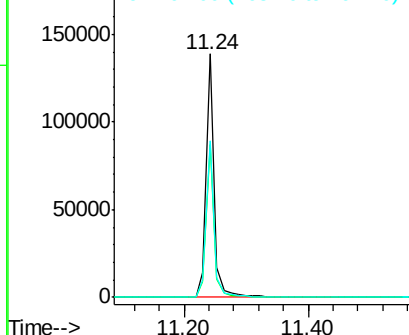
#69
 Pentachlorophenol
 Concen: 42.85 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 126461
 Ion Ratio Lower Upper
 266 100
 268 62.7 53.3 79.9
 264 64.2 50.3 75.5

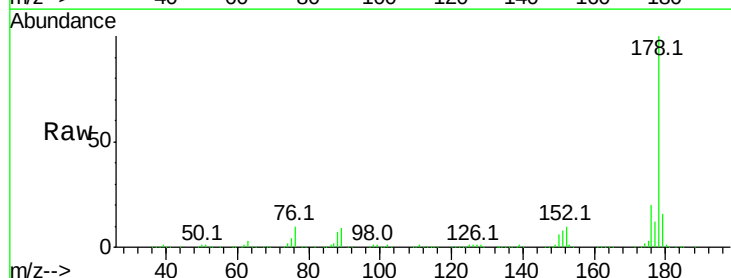


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

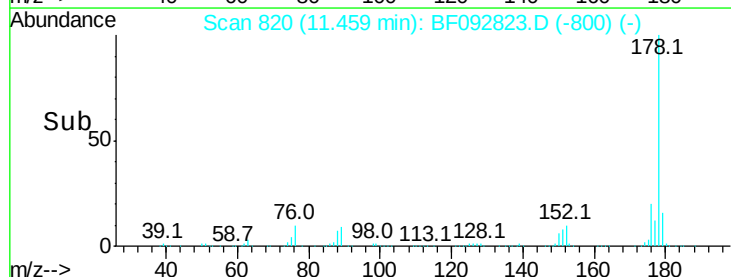
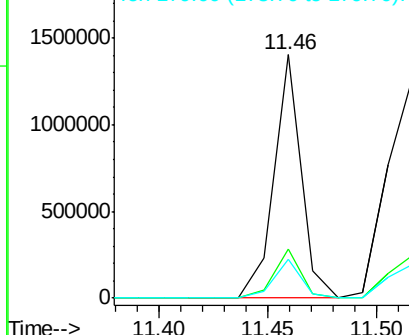


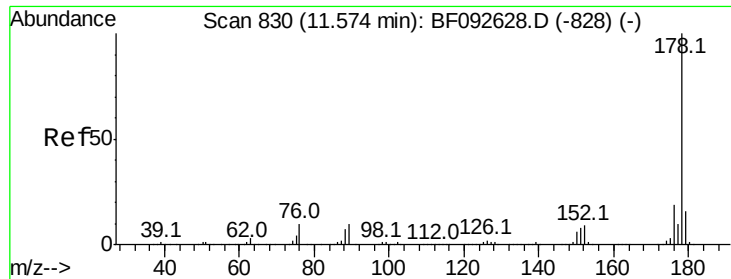
#70
 Phenanthrene
 Concen: 35.64 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.07 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion:178 Resp: 1236875
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.7 12.8 19.2



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

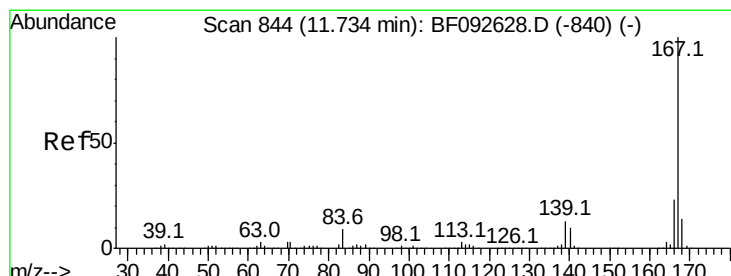
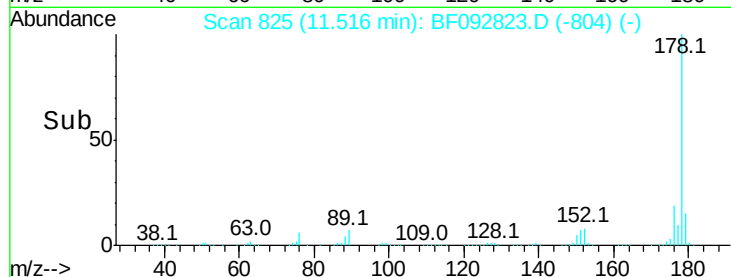
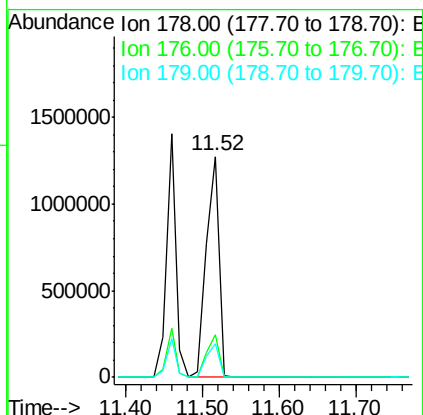
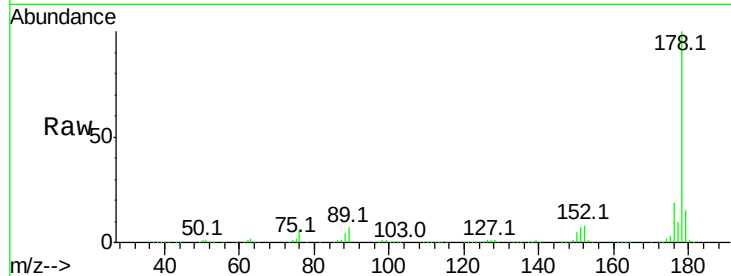




#71
 Anthracene
 Concen: 41.22 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

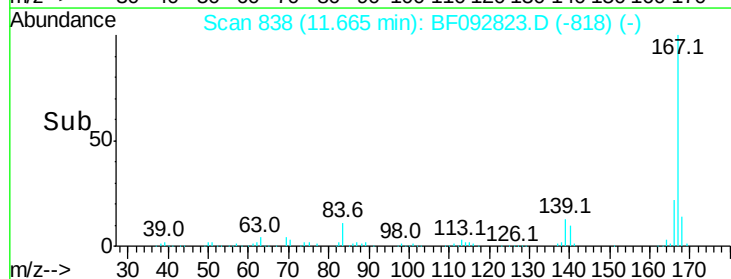
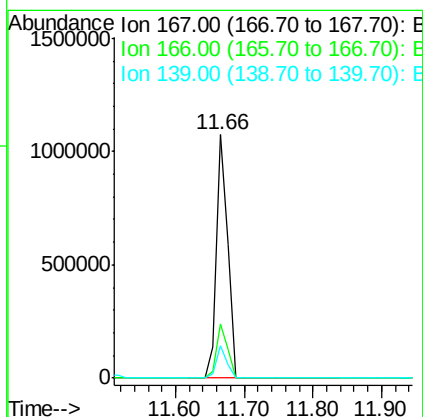
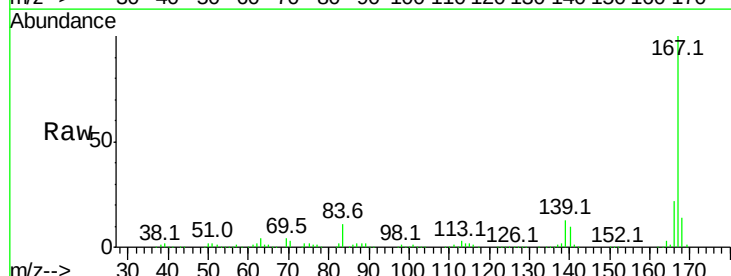
Instrument :
 BNA_F
 ClientSampleId :

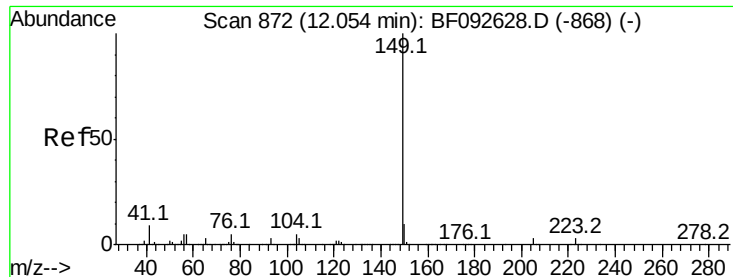
Tot Ion:178 Resp: 1436551
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 37.40 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.07 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion:167 Resp: 1246086
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 42.53 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

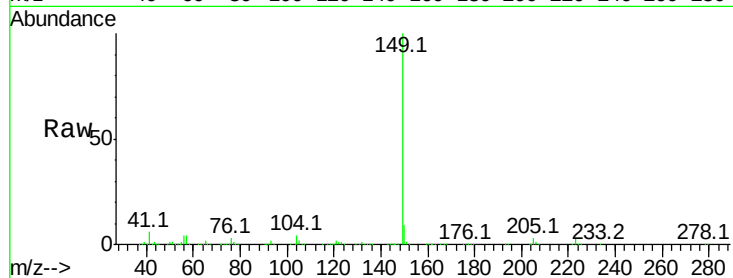
Tot Ion:149 Resp: 1532379

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

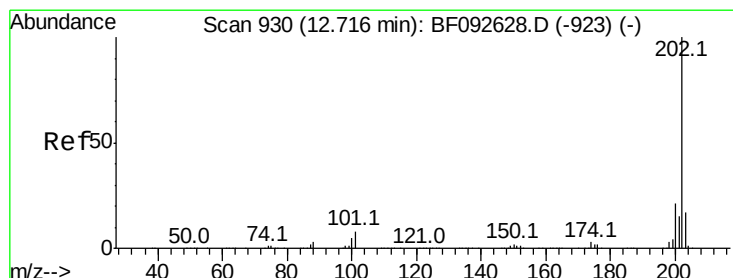
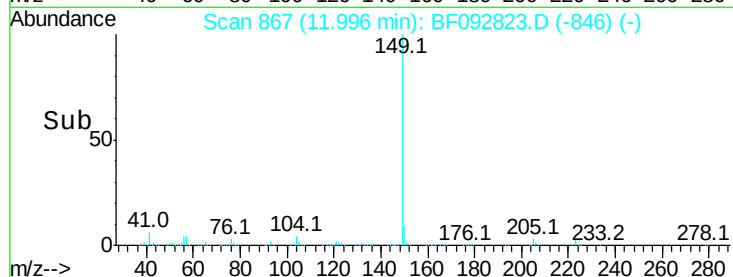
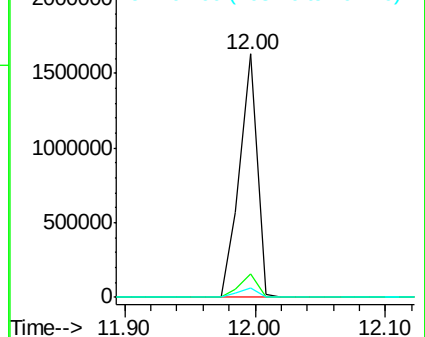
104 3.9 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.10 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

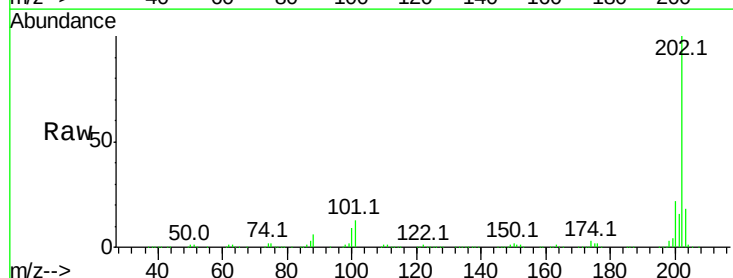
Tgt Ion:202 Resp: 1327914

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.6

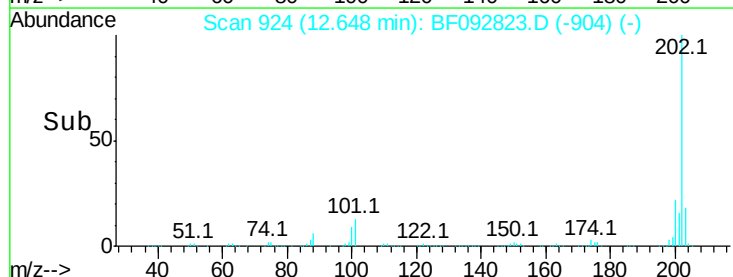
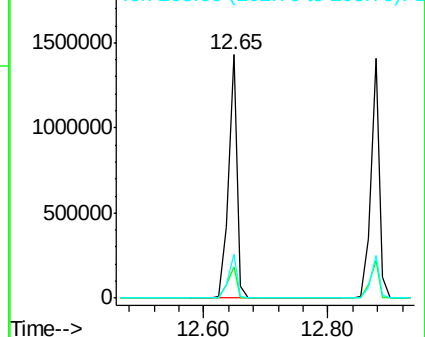
203 18.2 0.0 38.7

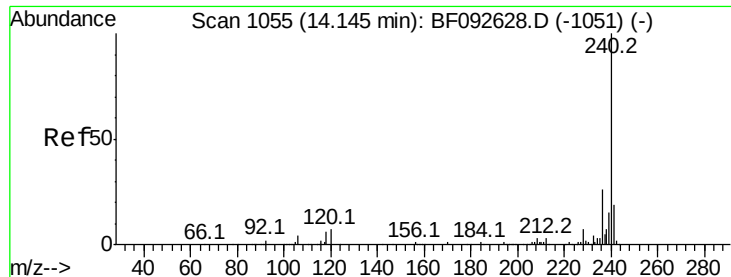


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

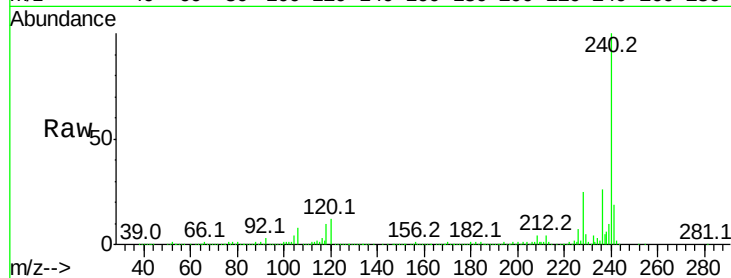
Tot Ion:240 Resp: 520399

Ion Ratio Lower Upper

240 100

120 12.0 12.9 19.3#

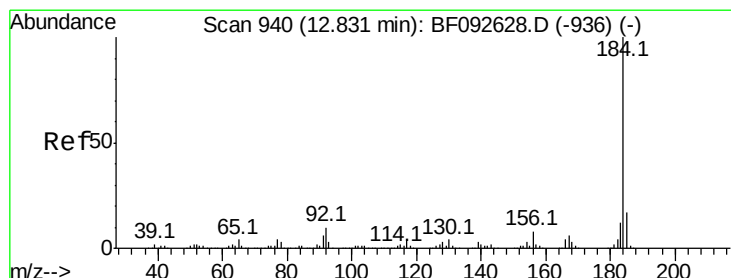
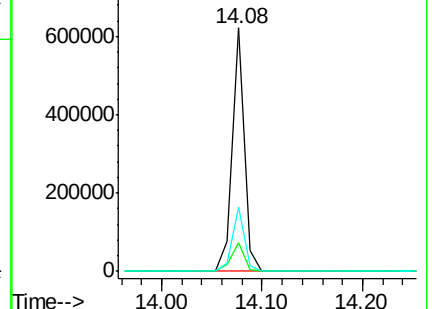
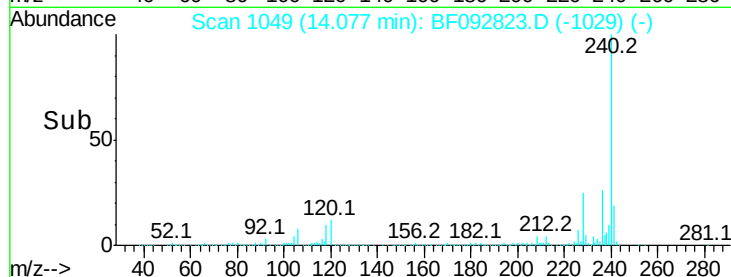
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.64 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

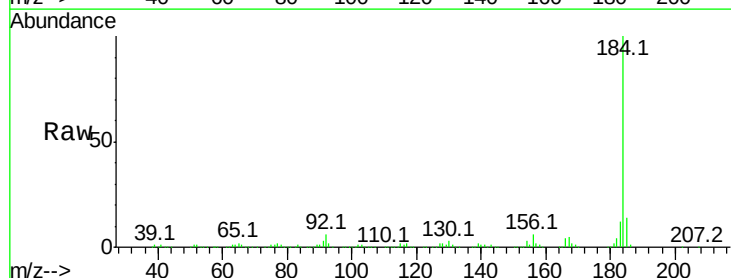
Tgt Ion:184 Resp: 790231

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

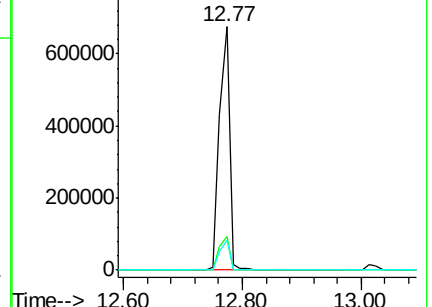
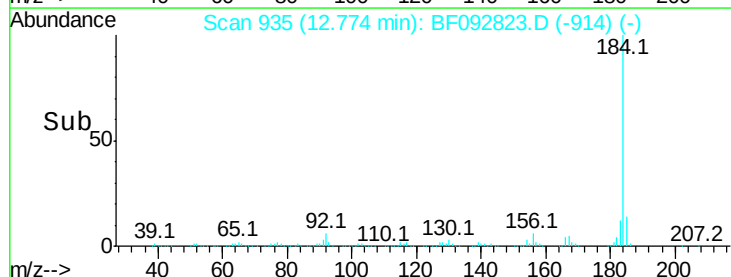
183 12.2 9.2 13.8

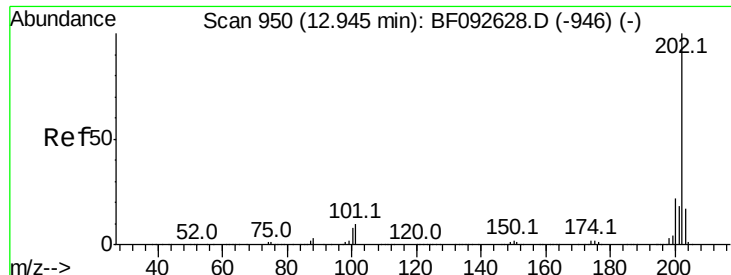


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.46 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.07 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :
BNA_F
ClientSampleId :

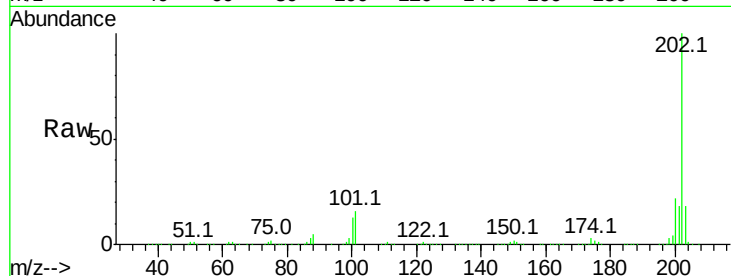
Tot Ion:202 Resp: 1303151

Ion Ratio Lower Upper

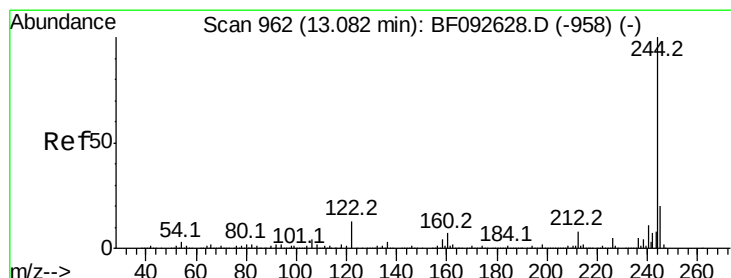
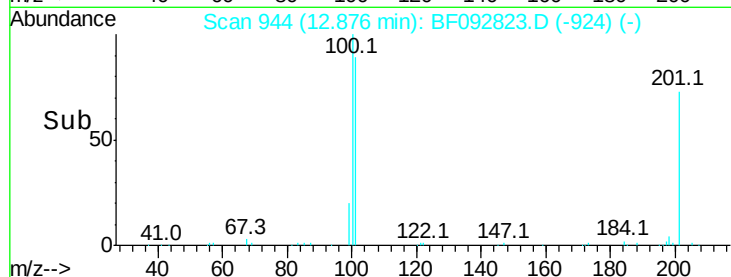
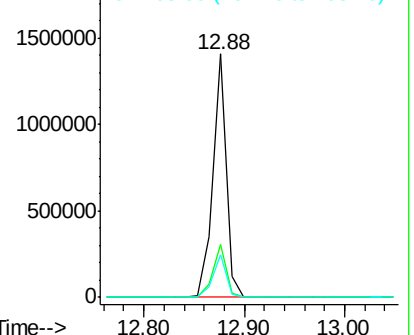
202 100

200 22.0 17.7 26.5

203 17.7 14.7 22.1



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: 75.20 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

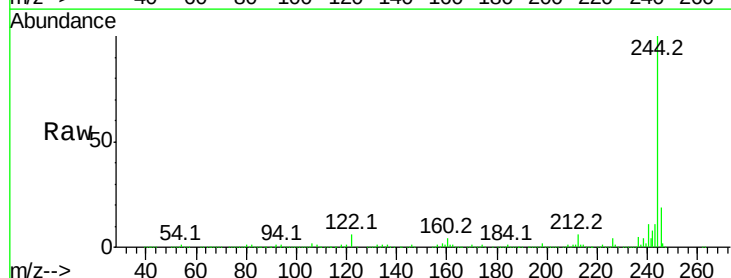
Tgt Ion:244 Resp: 1665568

Ion Ratio Lower Upper

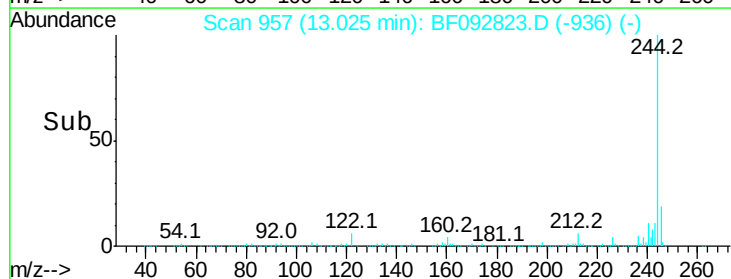
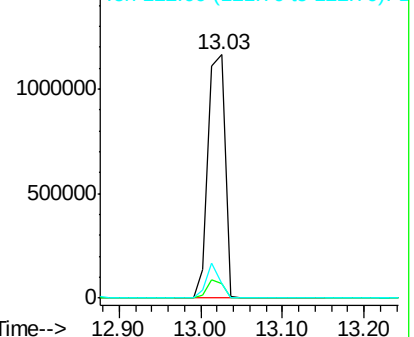
244 100

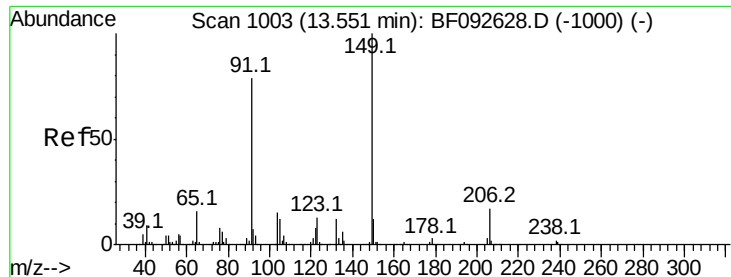
212 6.0 6.2 9.2#

122 5.9 11.4 17.2#



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: 41.26 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

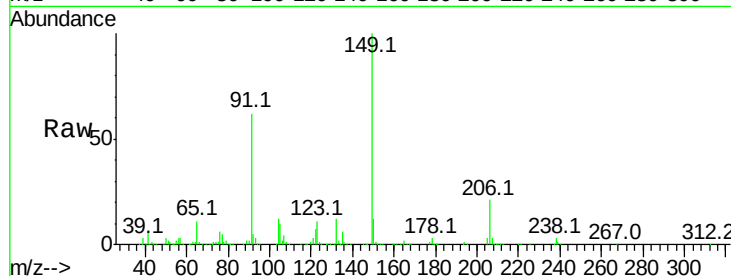
Tot Ion:149 Resp: 652525

Ion Ratio Lower Upper

149 100

91 61.8 63.9 95.9#

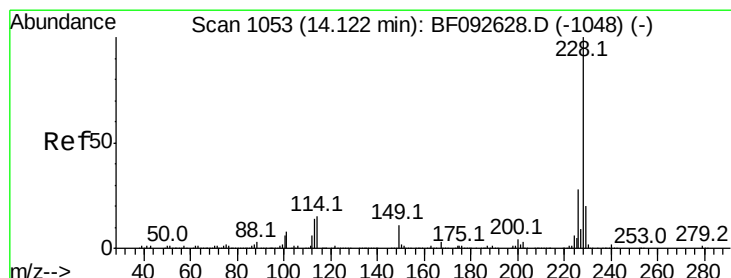
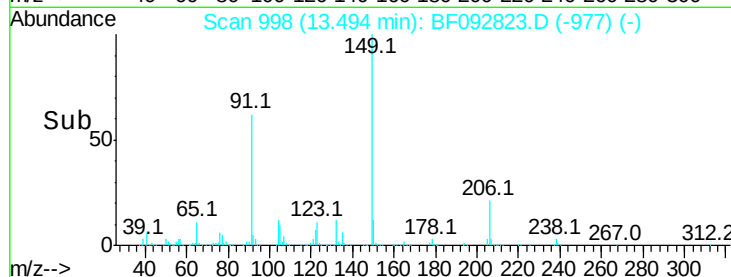
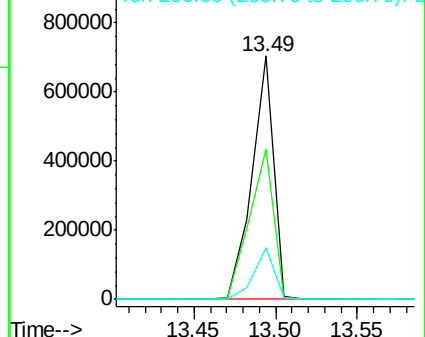
206 21.1 14.6 21.8



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: 35.95 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.06 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

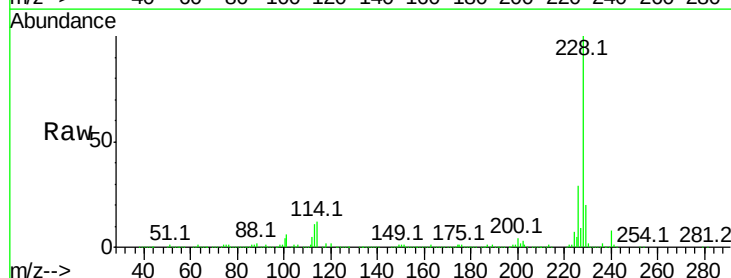
Tgt Ion:228 Resp: 1144365

Ion Ratio Lower Upper

228 100

226 28.5 22.4 33.6

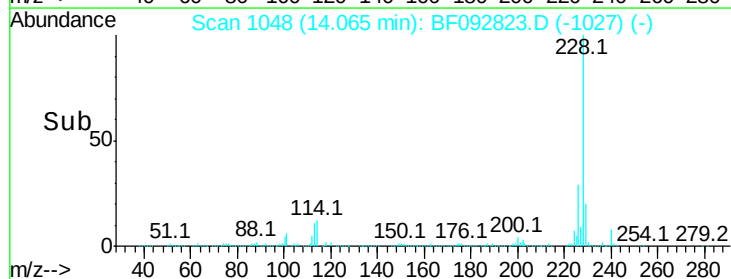
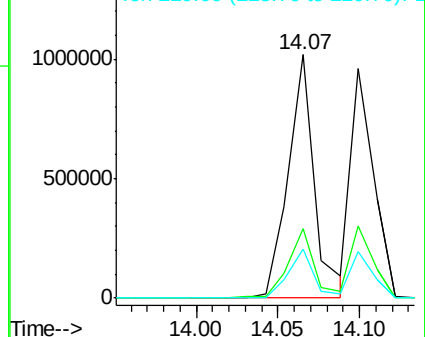
229 20.1 16.2 24.4

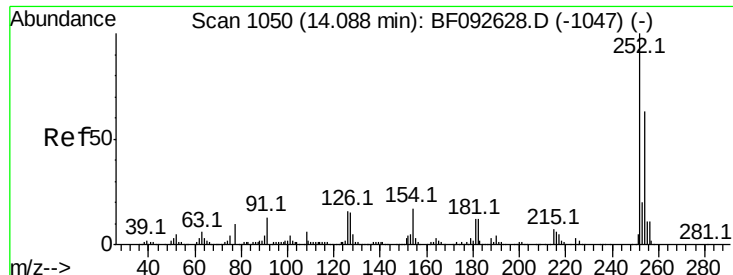


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

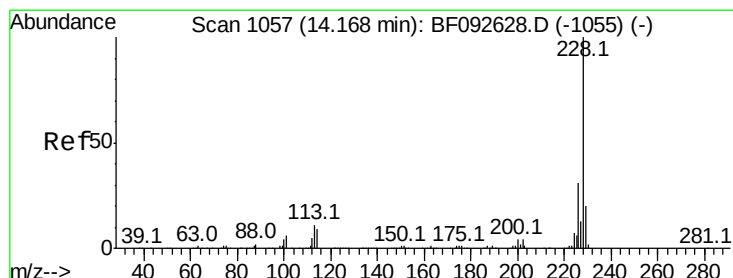
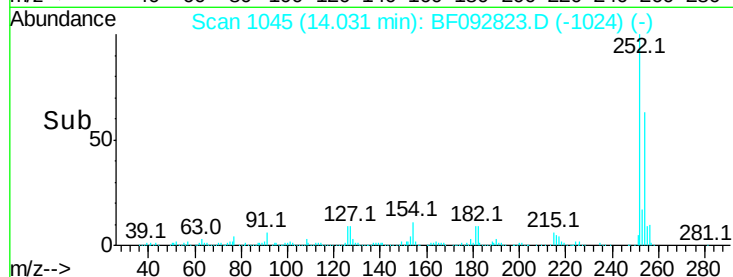
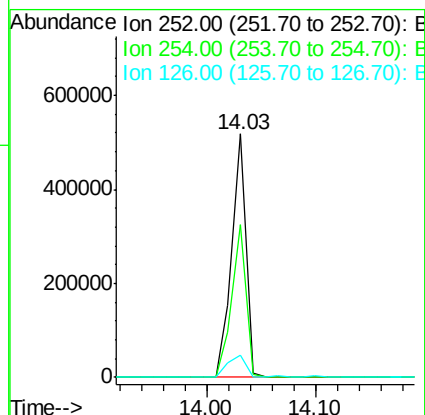
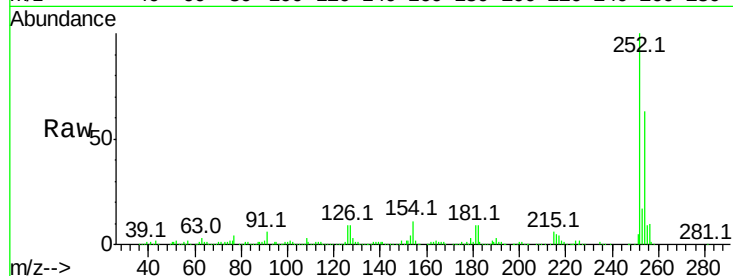




#81
 3,3'-Dichlorobenzidine
 Concen: 41.58 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.06 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

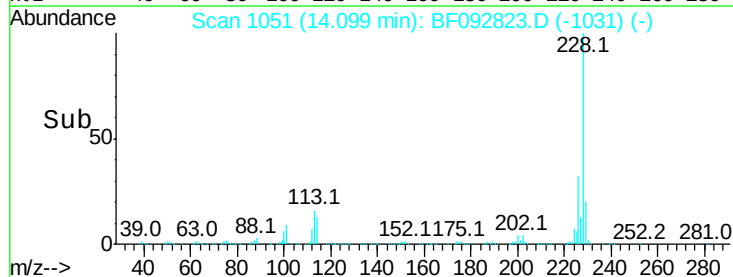
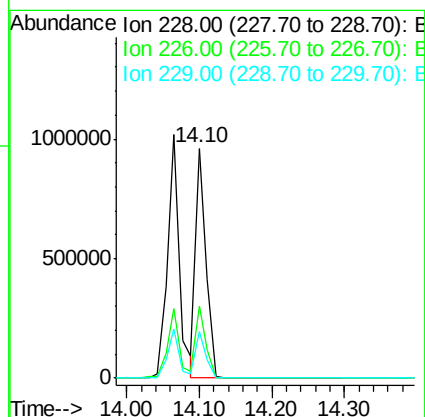
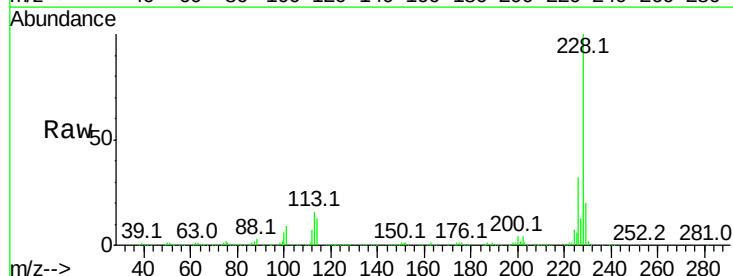
Instrument :
 BNA_F
 ClientSampleId :

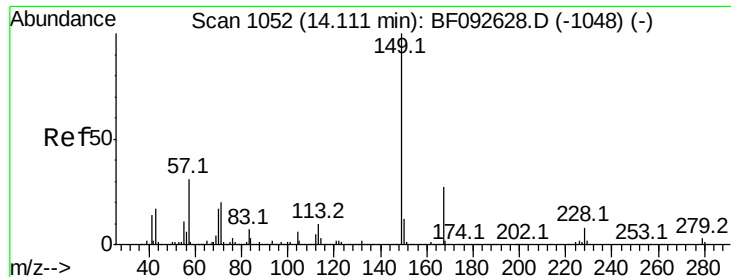
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.3	78.5
126	9.2	13.6	20.4



#82
 Chrysene
 Concen: 32.17 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.07 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.3	16.2	24.2

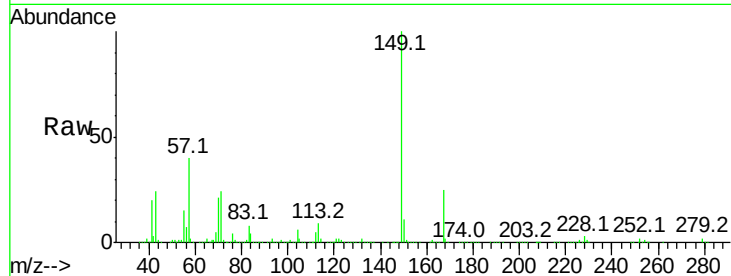




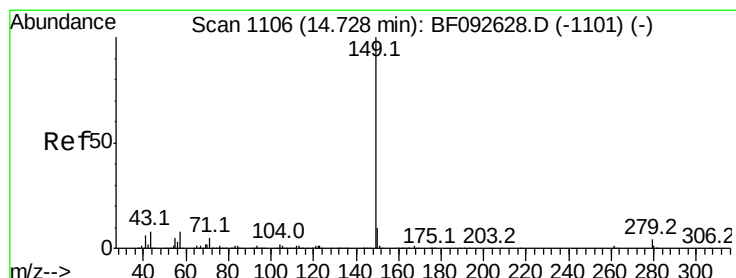
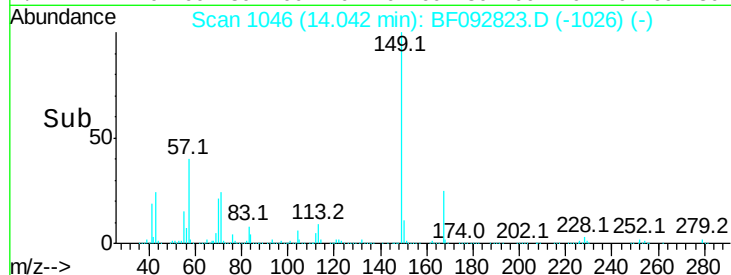
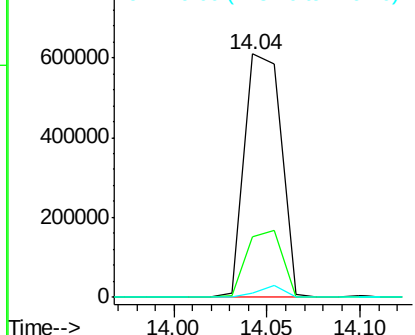
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.60 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.07 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 834891
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.2 30.4
 279 1.9 1.8 2.8

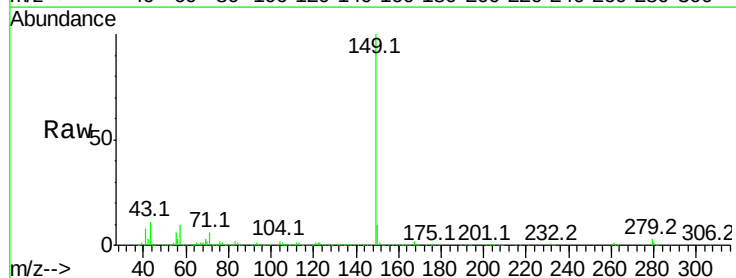


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

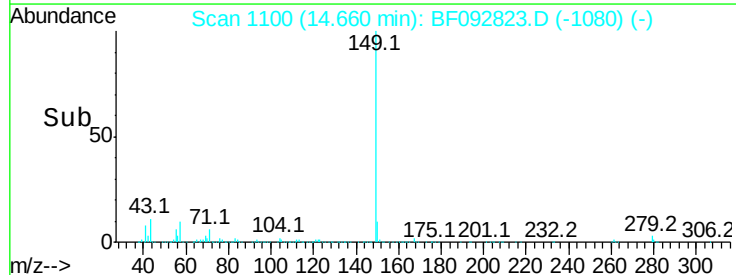
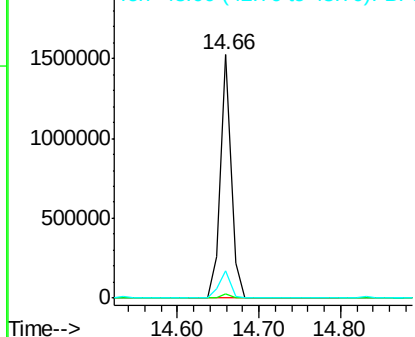


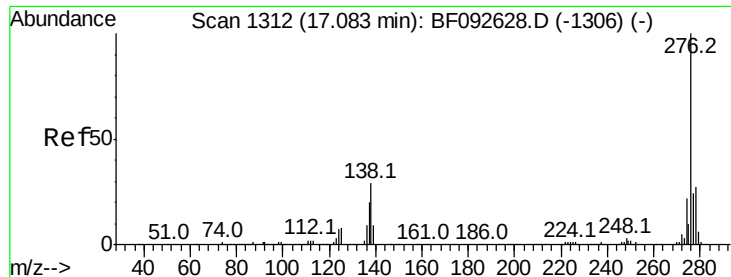
#84
 Di-n-octyl phthalate
 Concen: 39.25 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.07 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion:149 Resp: 1382283
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.6 8.9 13.3



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

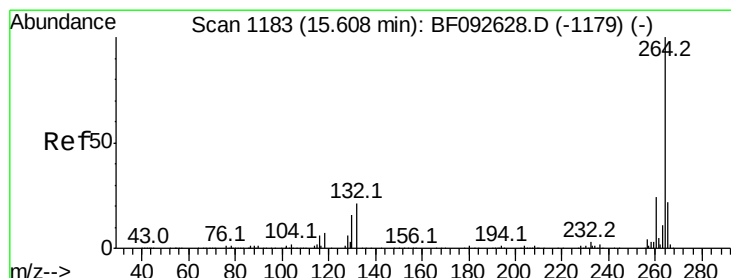
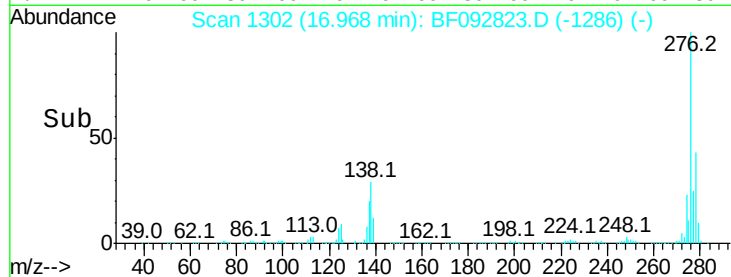
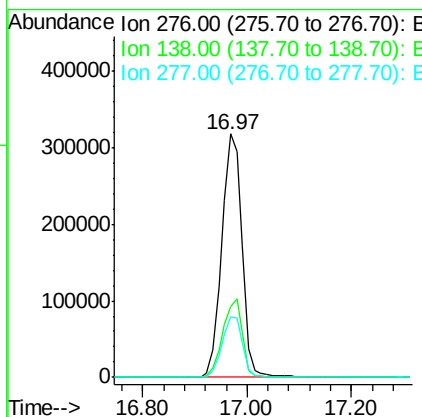
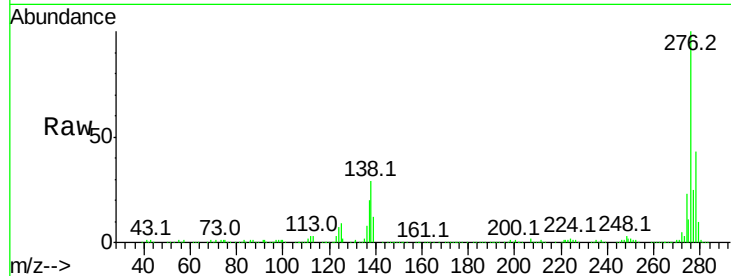




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.10 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. -0.11 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

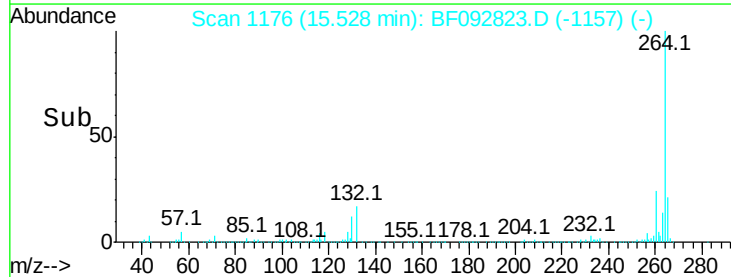
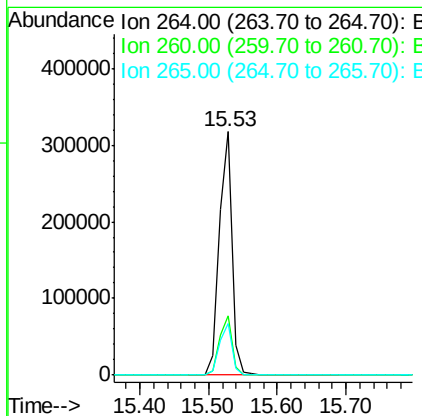
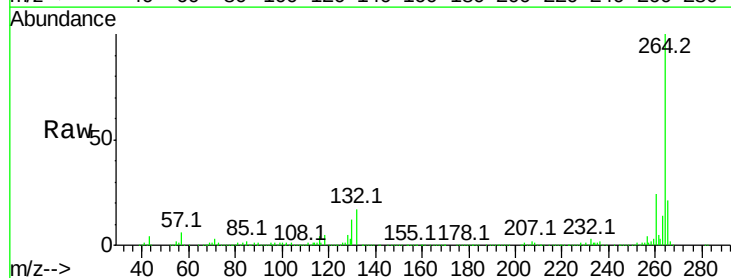
Instrument :
 BNA_F
 ClientSampleId :

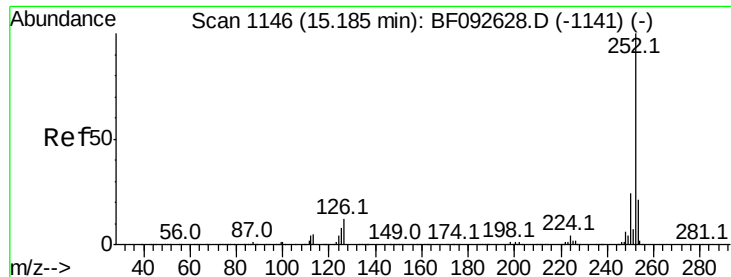
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.8	32.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.4	26.0

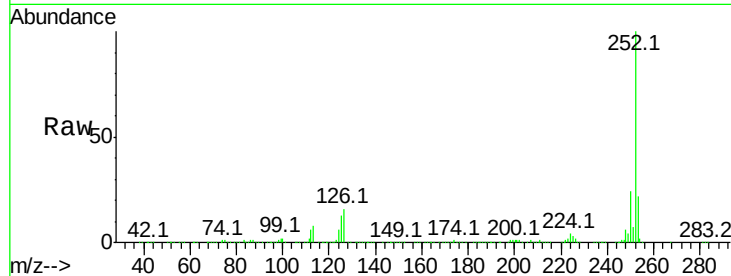




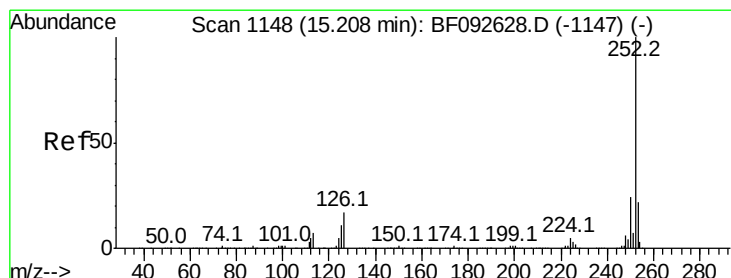
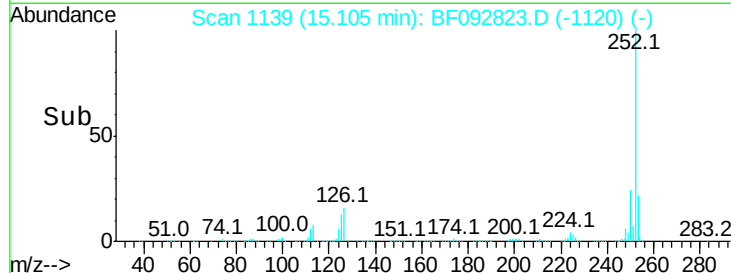
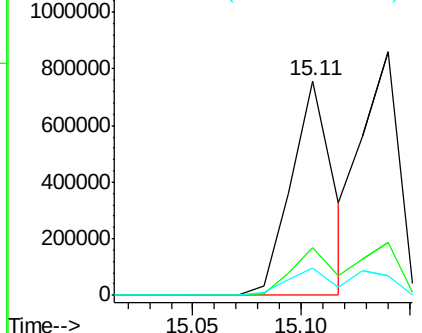
#87
Benzo(b)fluoranthene
Concen: 36.77 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.08 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1013183
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 12.6 9.8 14.6

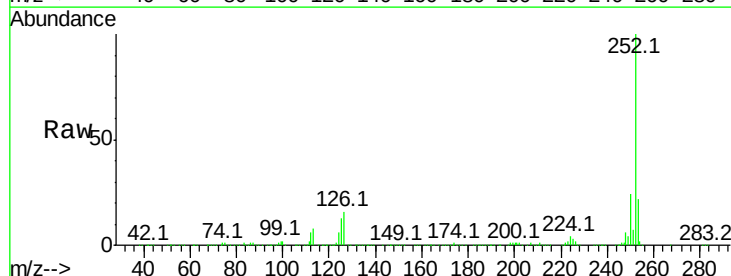


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

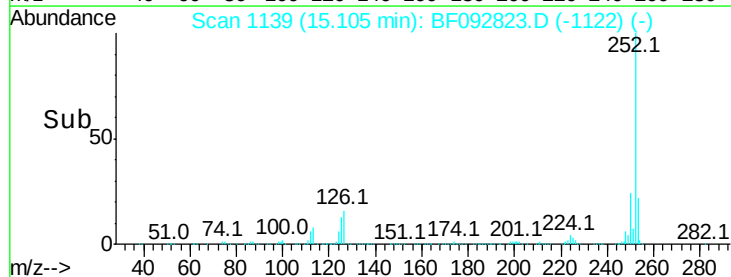
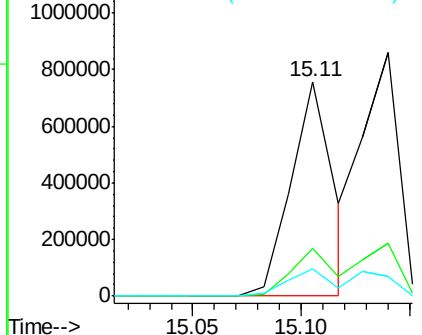


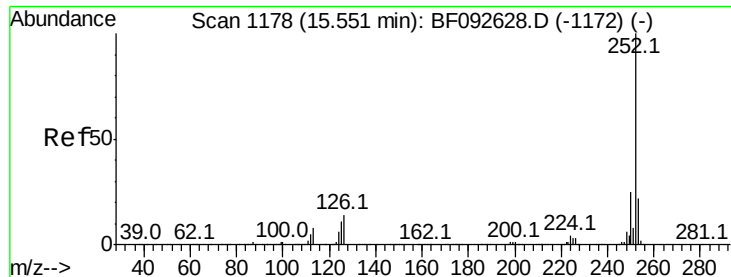
#88
Benzo(k)fluoranthene
Concen: 42.58 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.10 min
Lab File: BF092823.D
Acq: 7 Feb 2017 12:02

Tgt Ion:252 Resp: 1013183
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 12.6 8.9 13.3



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





#89

Benzo(a)pyrene

Concen: 39.75 ng

RT: 15.47 min Scan# 1171

Delta R.T. -0.08 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

Instrument :

BNA_F

ClientSampleId :

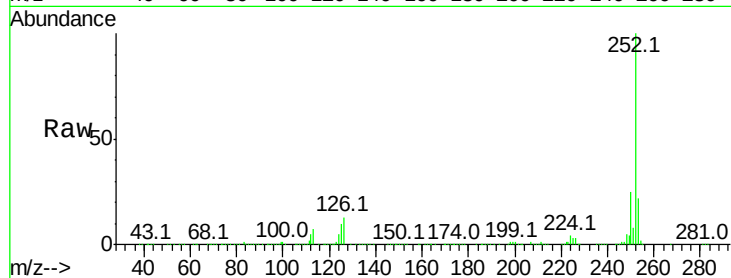
Tot Ion:252 Resp: 947614

Ion Ratio Lower Upper

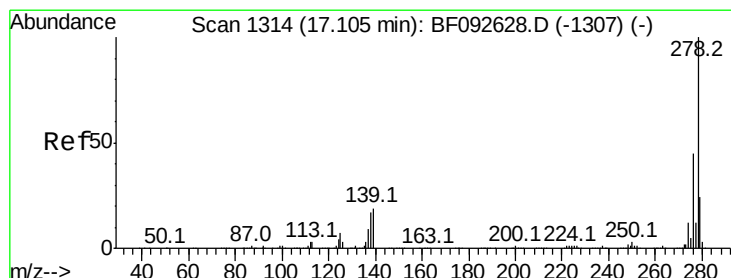
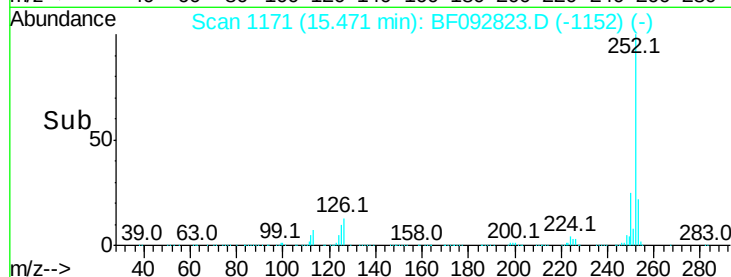
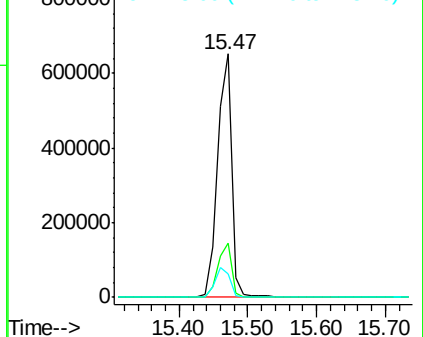
252 100

253 22.2 18.2 27.2

125 9.8 10.0 15.0#



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: 38.05 ng

RT: 16.99 min Scan# 1304

Delta R.T. -0.11 min

Lab File: BF092823.D

Acq: 7 Feb 2017 12:02

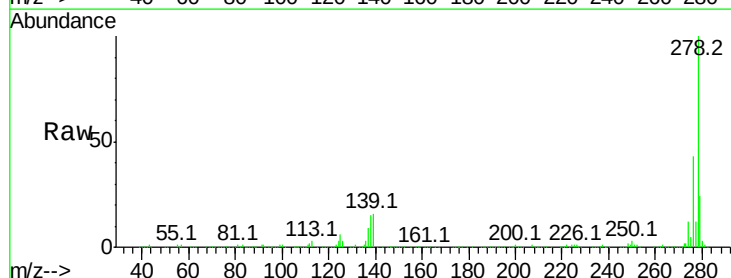
Tgt Ion:278 Resp: 733134

Ion Ratio Lower Upper

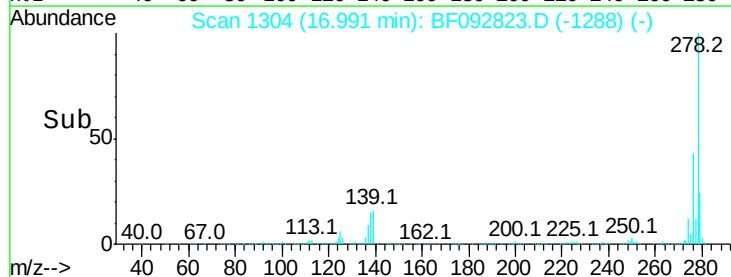
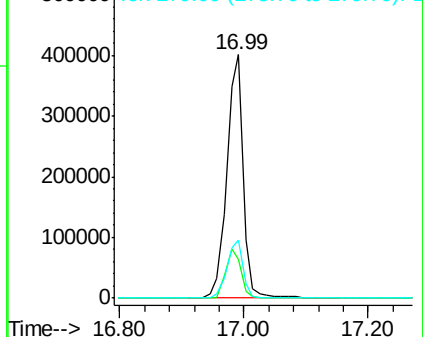
278 100

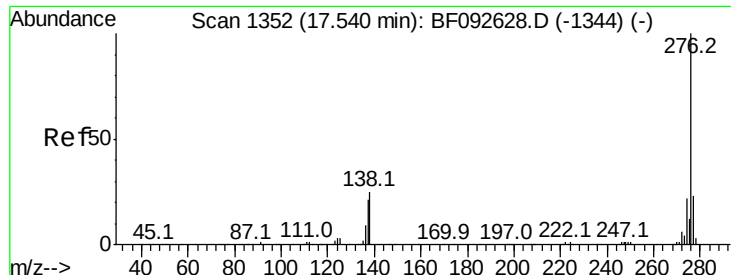
139 16.0 14.8 22.2

279 23.8 19.8 29.6



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: 36.49 ng
 RT: 17.41 min Scan# 1341
 Delta R.T. -0.13 min
 Lab File: BF092823.D
 Acq: 7 Feb 2017 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	24.0	16.0	24.0

