

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093567.D
 Acq On : 11 Mar 2017 15:15
 Operator : SJ/MA
 Sample : PB97500BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 15:13:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	188151	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	776898	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	364857	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	646236	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	465123	20.00	ng	-0.01
86) Perylene-d12	15.27	264	351228	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1604452	141.93	ng	0.01
7) Phenol-d6	6.39	99	1895164	132.94	ng	0.01
23) Nitrobenzene-d5	7.29	82	1273855	90.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	316743	133.25	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1971672	100.52	ng	0.00
78) Terphenyl-d14	12.83	244	1595728	89.20	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	229679	36.89	ng	86
3) Pyridine	2.95	79	595456	37.51	ng	91
4) n-Nitrosodimethylamine	2.93	42	371399	48.98	ng	84
6) Aniline	6.39	93	471288	24.09	ng	# 77
8) 2-Chlorophenol	6.52	128	580183	45.80	ng	95
9) Benzaldehyde	6.29	77	86326	7.11	ng	93
10) Phenol	6.40	94	871534	49.89	ng	# 76
11) bis(2-Chloroethyl)ether	6.46	93	623374	44.15	ng	88
12) 1,3-Dichlorobenzene	6.89	146	528666	36.46	ng	97
13) 1,4-Dichlorobenzene	6.73	146	637869	42.97	ng	98
14) 1,2-Dichlorobenzene	6.89	146	539957	41.08	ng	94
15) Benzyl Alcohol	6.88	79	480775	47.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1003605	42.79	ng	# 47
17) 2-Methylphenol	7.01	107	476830	44.51	ng	# 90
18) Hexachloroethane	7.22	117	227191	45.38	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	437875	44.68	ng	93
20) 3+4-Methylphenols	7.17	107	699798	50.37	ng	# 74
22) Acetophenone	7.14	105	846667	45.29	ng	# 95
24) Nitrobenzene	7.32	77	744993	47.34	ng	98
25) Isophorone	7.56	82	1312162	46.47	ng	96
26) 2-Nitrophenol	7.64	139	328147	45.70	ng	92
27) 2,4-Dimethylphenol	7.68	122	515833	44.16	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	751985	42.19	ng	99
29) 2,4-Dichlorophenol	7.89	162	486684	44.29	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	491138	42.03	ng	# 96
31) Naphthalene	8.02	128	1543551	39.65	ng	99
32) Benzoic acid	7.85	122	353059	58.17	ng	95
33) 4-Chloroaniline	8.09	127	305743	19.35	ng	# 94
34) Hexachlorobutadiene	8.14	225	258983	43.03	ng	99
35) Caprolactam	8.48	113	103878	27.68	ng	# 32
36) 4-Chloro-3-methylphenol	8.60	107	524536	44.72	ng	96
37) 2-Methylnaphthalene	8.72	142	1102680	44.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	453400	45.51	ng	98
40) Hexachlorocyclopentadiene	8.87	237	306425	115.56	ng	97

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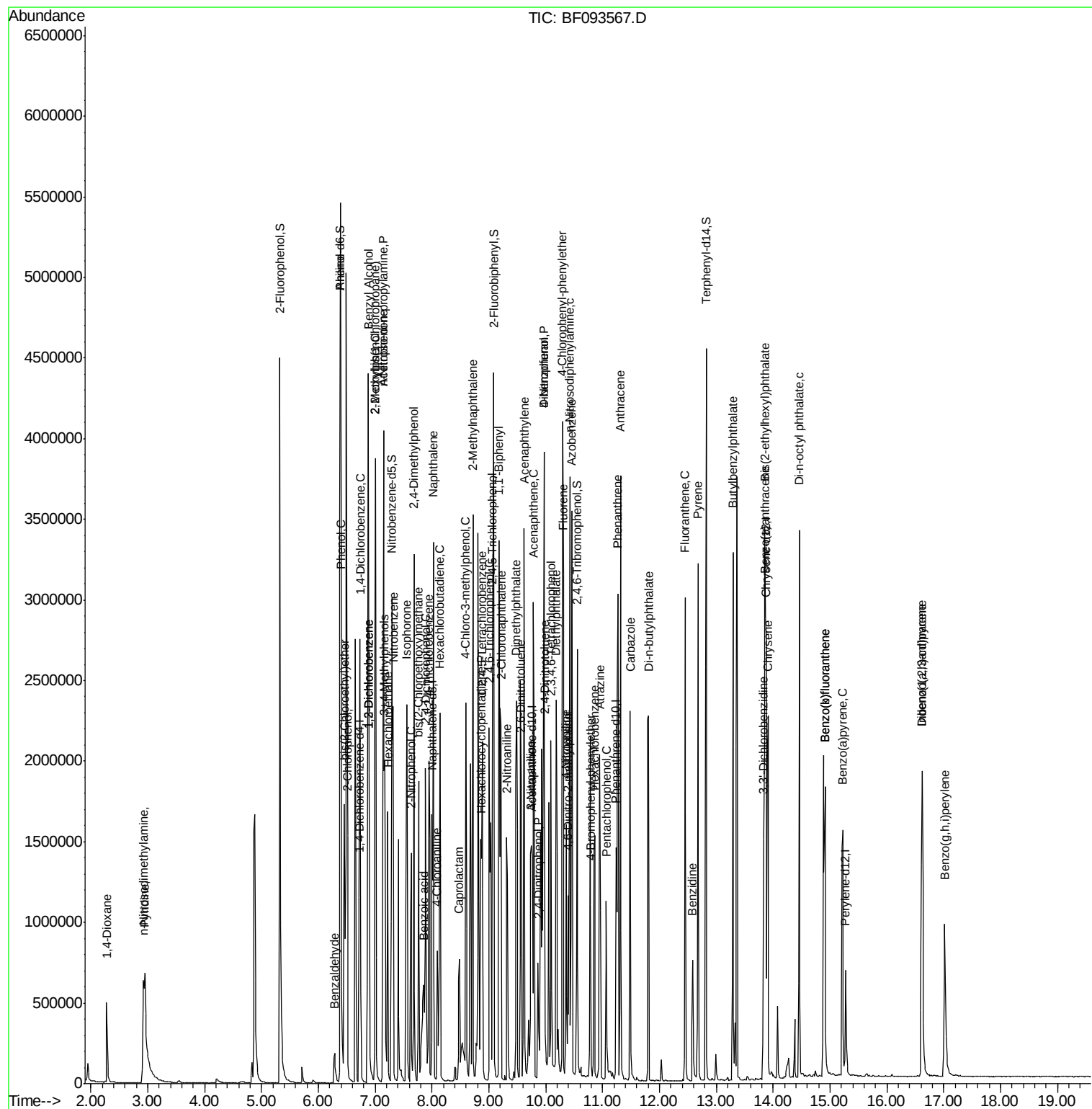
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	326644	52.48	nq	91
43) 2,4,5-Trichlorophenol	9.06	196	322661	48.31	nq	93
45) 1,1'-Biphenyl	9.18	154	1211532	45.58	nq	96
46) 2-Chloronaphthalene	9.21	162	1031584	50.71	nq	97
47) 2-Nitroaniline	9.32	65	388102	53.96	nq	# 84
48) Acenaphthylene	9.62	152	1547880	46.13	nq	98
49) Dimethylphthalate	9.49	163	1206618	49.88	nq	98
50) 2,6-Dinitrotoluene	9.57	165	284830	53.66	nq	95
51) Acenaphthene	9.78	154	902398	45.48	nq	97
52) 3-Nitroaniline	9.74	138	166103	26.05	nq	95
53) 2,4-Dinitrophenol	9.86	184	218936	90.58	nq	# 76
54) Dibenzofuran	9.97	168	1400465	56.39	nq	96
55) 4-Nitrophenol	9.97	139	938180	302.92	nq	# 11
56) 2,4-Dinitrotoluene	9.98	165	360309	55.26	nq	86
57) Fluorene	10.31	166	1054662	50.12	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	249067	52.84	nq	96
59) Diethylphthalate	10.18	149	1128466	48.81	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	482704	51.17	nq	# 83
61) 4-Nitroaniline	10.36	138	258334	39.61	nq	95
62) Azobenzene	10.46	77	1493319	56.85	nq	96
64) 4,6-Dinitro-2-methylphenol	10.39	198	176325	42.11	nq	# 62
65) n-Nitrosodiphenylamine	10.42	169	924700	42.85	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	289574	42.37	nq	# 80
67) Hexachlorobenzene	10.86	284	283247	43.41	nq	96
68) Atrazine	10.95	200	286805	45.41	nq	98
69) Pentachlorophenol	11.06	266	180313	80.03	nq	97
70) Phenanthrene	11.27	178	1552876	42.10	nq	99
71) Anthracene	11.32	178	1477648	39.60	nq	100
72) Carbazole	11.49	167	1447940	41.31	nq	97
73) Di-n-butylphthalate	11.81	149	1789940	44.14	nq	# 96
74) Fluoranthene	12.45	202	1443471	40.51	nq	97
76) Benzidine	12.59	184	387739	25.35	nq	96
77) Pyrene	12.68	202	1440834	42.59	nq	100
79) Butylbenzylphthalate	13.29	149	710316	49.88	nq	100
80) Benzo(a)anthracene	13.87	228	1166347	42.46	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	284127	29.53	nq	96
82) Chrysene	13.91	228	1139644	44.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	1020152	51.40	nq	# 97
84) Di-n-octyl phthalate	14.46	149	1498148	45.29	nq	95
85) Indeno(1,2,3-cd)pyrene	16.62	276	847252	39.83	nq	# 94
87) Benzo(b)fluoranthene	14.92	252	1903451	88.98	nq	# 96
88) Benzo(k)fluoranthene	14.92	252	1903451	92.27	nq	97
89) Benzo(a)pyrene	15.23	252	887065	45.38	nq	97
90) Dibenzo(a,h)anthracene	16.62	278	707071	43.72	nq	96
91) Benzo(g,h,i)perylene	17.02	276	744458	44.85	nq	# 92

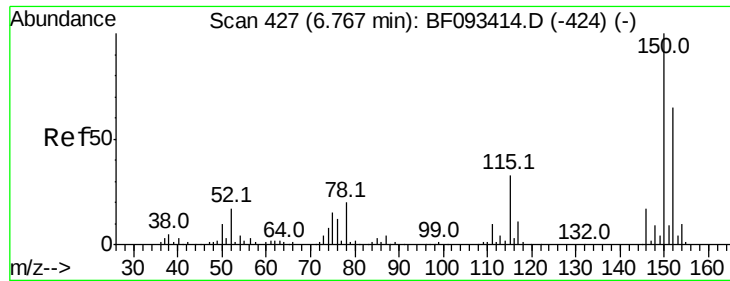
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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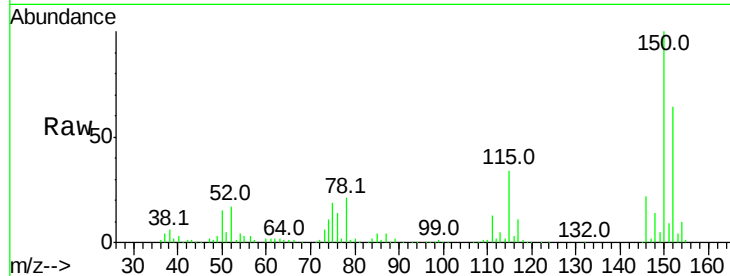


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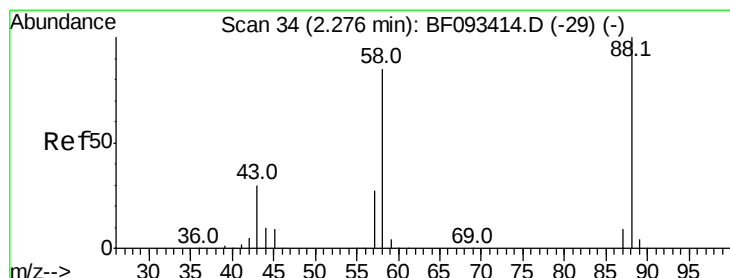
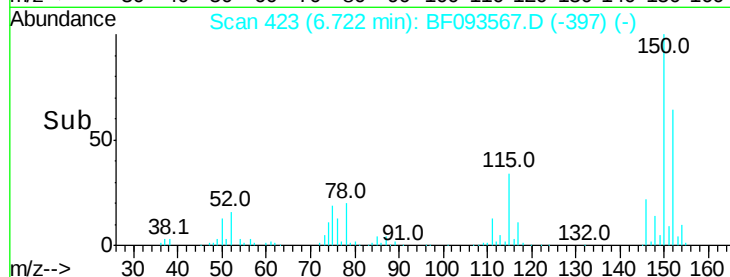
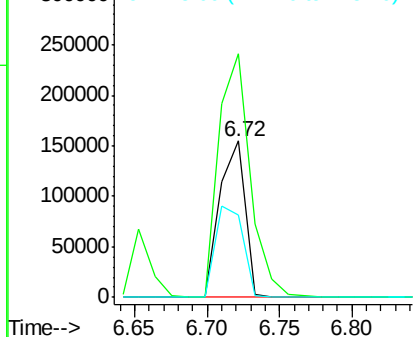
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 188151
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 52.5 46.0 69.0



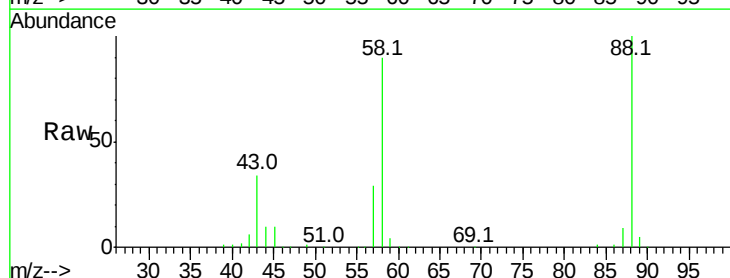
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



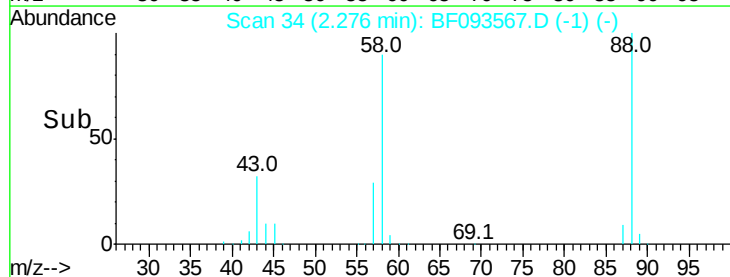
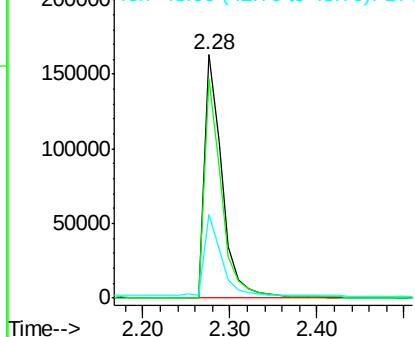
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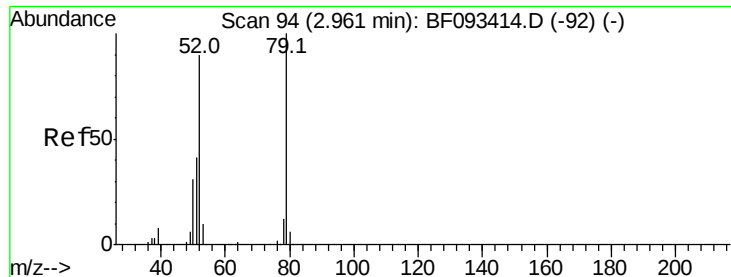
1,4-Dioxane
Concen: 36.89 ng
RT: 2.28 min Scan# 34
Delta R.T. 0.09 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion: 88 Resp: 229679
Ion Ratio Lower Upper
88 100
58 86.6 57.8 86.8
43 31.4 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: 37.51 ng

RT: 2.95 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

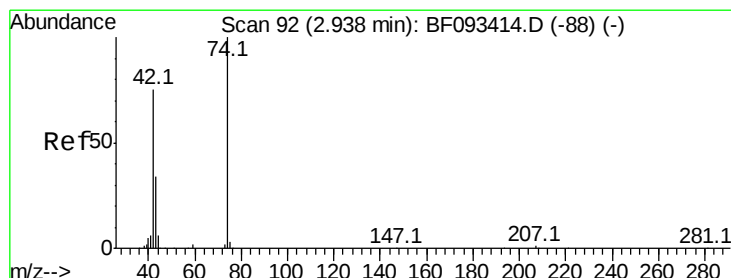
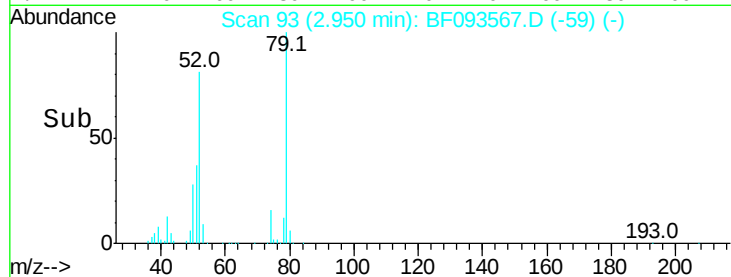
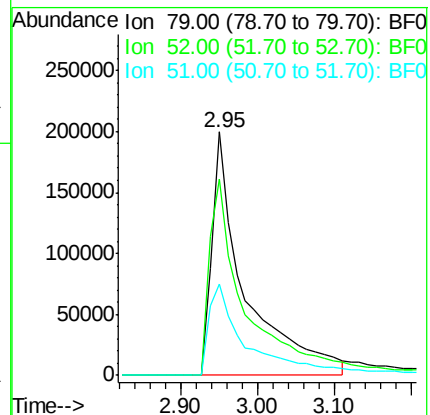
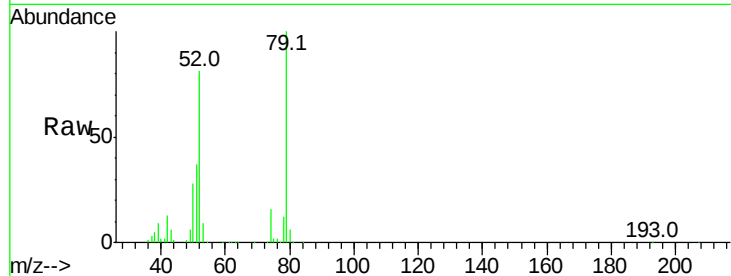
Tot Ion: 79 Resp: 595456

Ion Ratio Lower Upper

79 100

52 80.5 57.1 85.7

51 37.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 48.98 ng

RT: 2.93 min Scan# 91

Delta R.T. 0.09 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

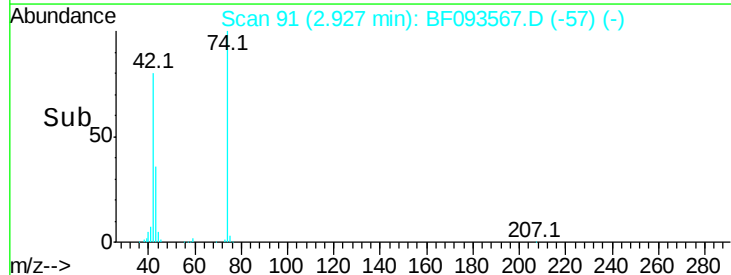
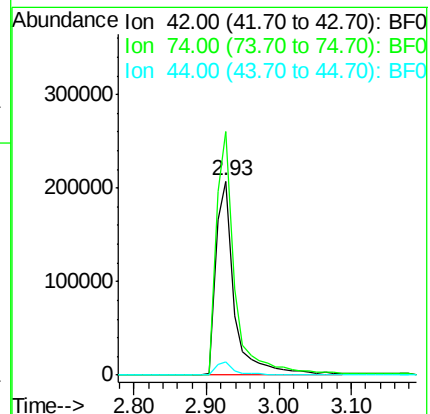
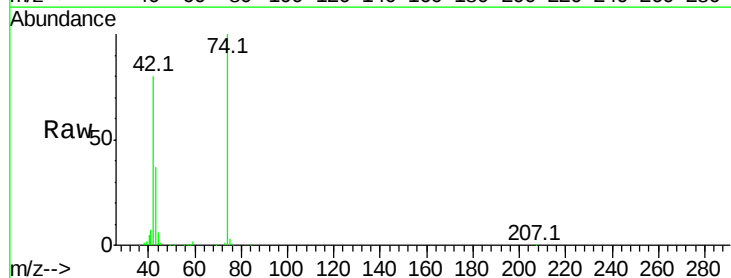
Tgt Ion: 42 Resp: 371399

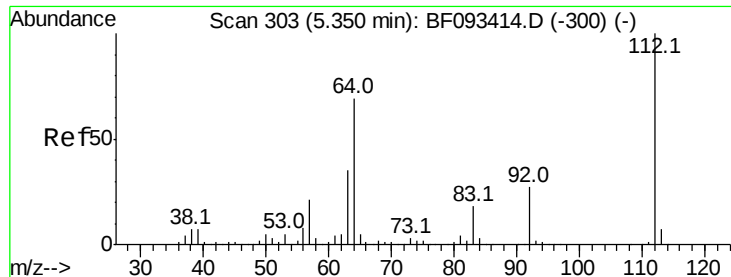
Ion Ratio Lower Upper

42 100

74 125.5 117.0 175.4

44 7.0 5.5 8.3

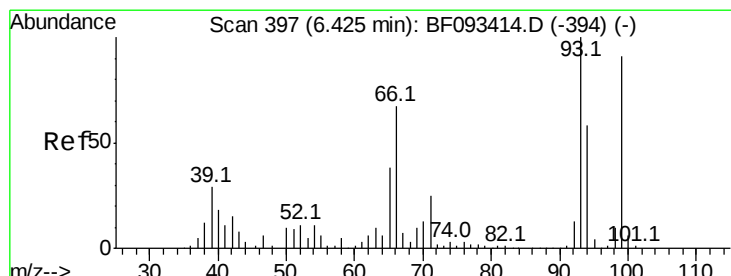
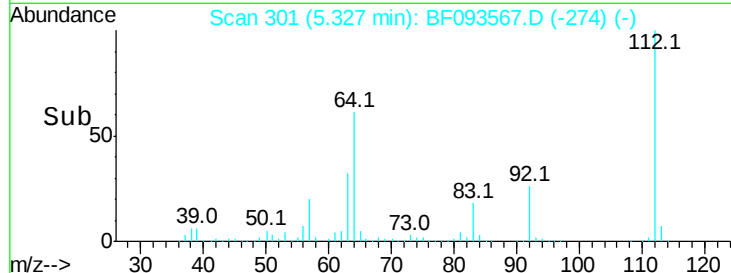
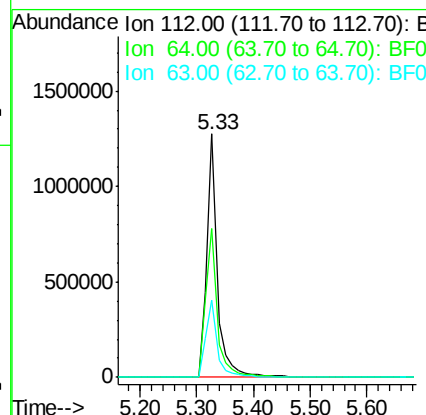
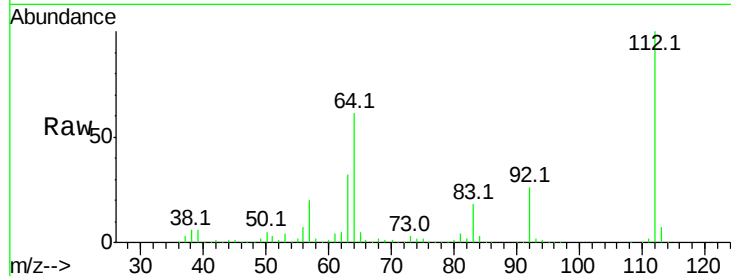




#5
 2-Fluorophenol
 Concen: 141.93 ng
 RT: 5.33 min Scan# 301
 Delta R.T. 0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

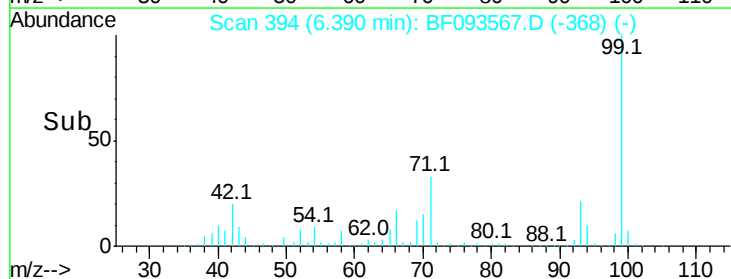
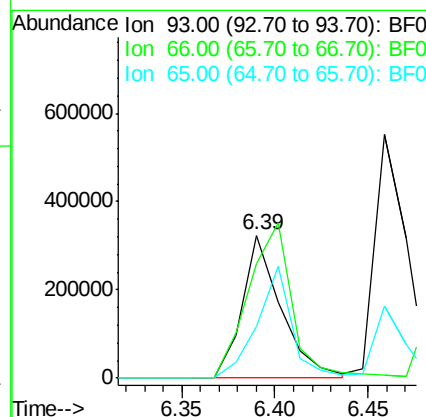
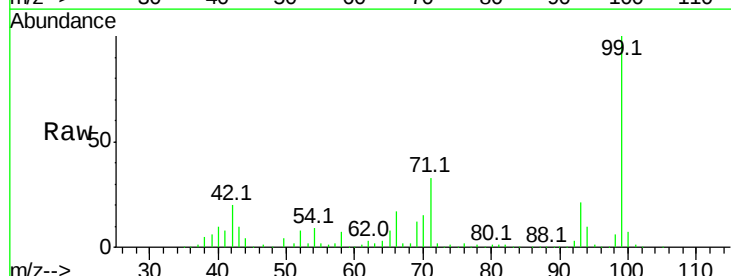
Instrument :
 BNA_F
 ClientSampled :

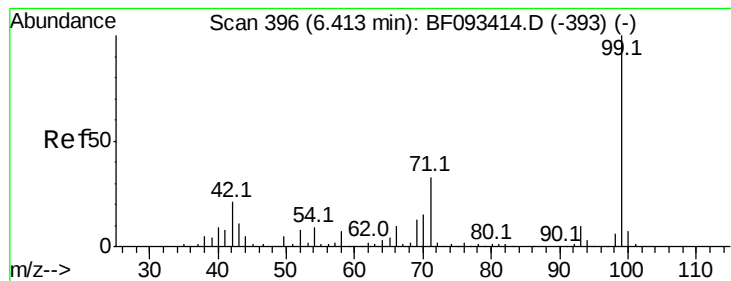
Tot Ion:112 Resp: 1604452
 Ion Ratio Lower Upper
 112 100
 64 60.9 46.1 69.1
 63 31.7 23.8 35.6



#6
 Aniline
 Concen: 24.09 ng
 RT: 6.39 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion: 93 Resp: 471288
 Ion Ratio Lower Upper
 93 100
 66 79.8 76.2 114.2
 65 36.2 49.3 73.9#





#7

Phenol-d6

Concen: 132.94 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

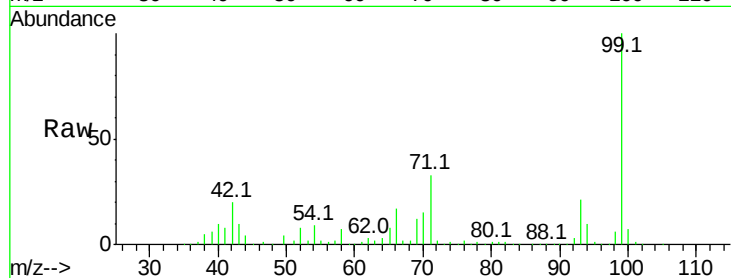
Tot Ion: 99 Resp: 1895164

Ion Ratio Lower Upper

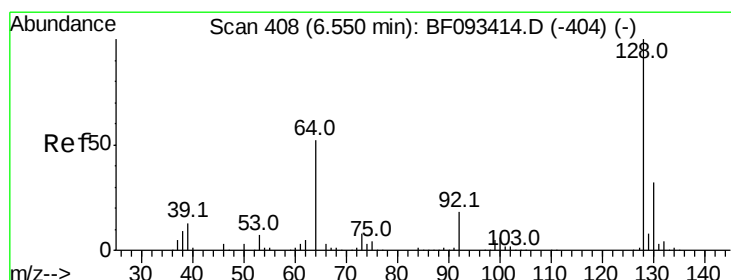
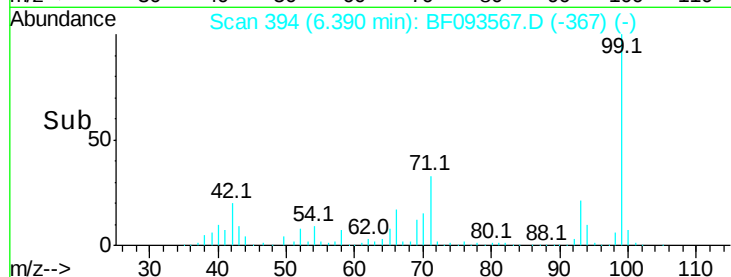
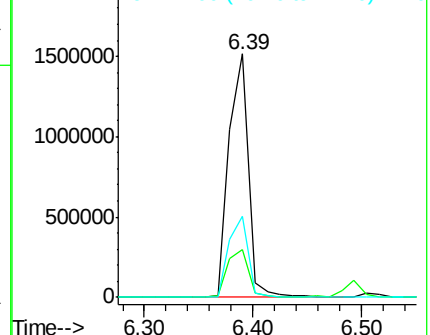
99 100

42 19.6 15.6 23.4

71 33.3 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: 45.80 ng

RT: 6.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

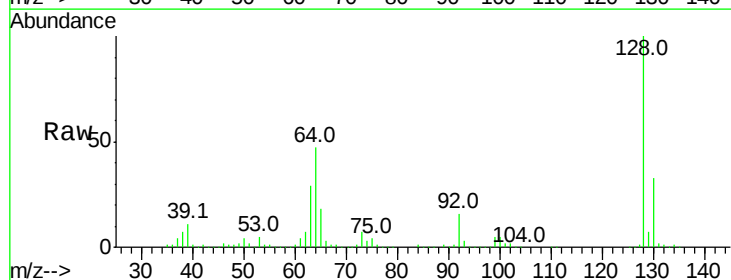
Tgt Ion:128 Resp: 580183

Ion Ratio Lower Upper

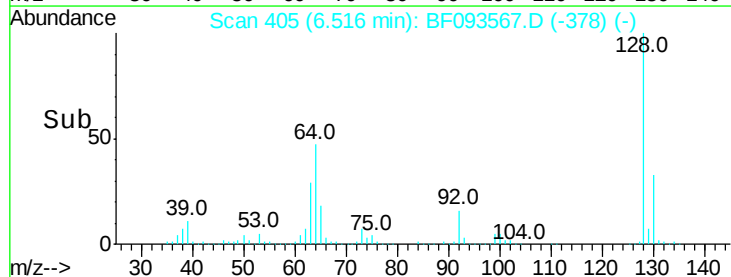
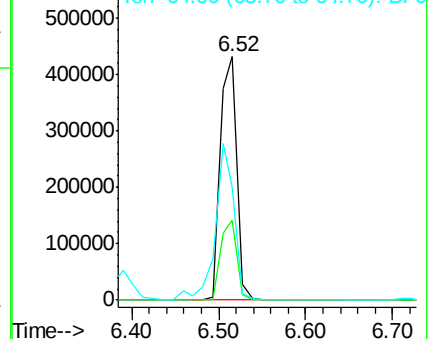
128 100

130 32.6 12.3 52.3

64 46.5 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

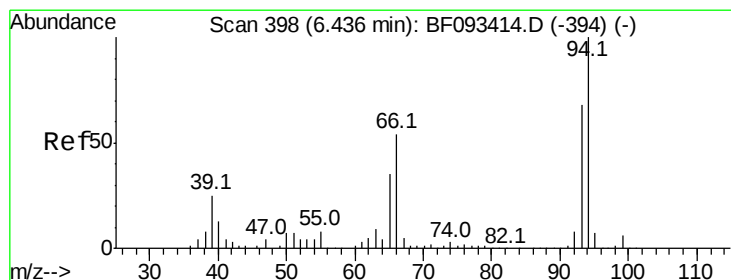
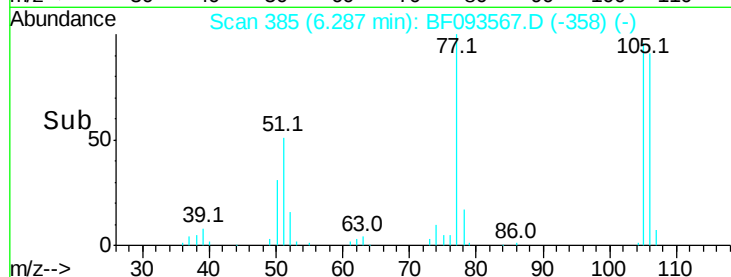
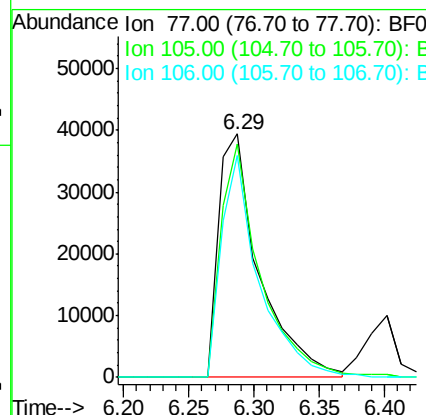
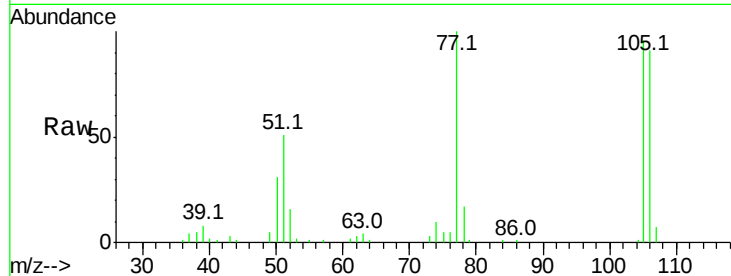




#9
Benzaldehyde
Concen: 7.11 ng
RT: 6.29 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

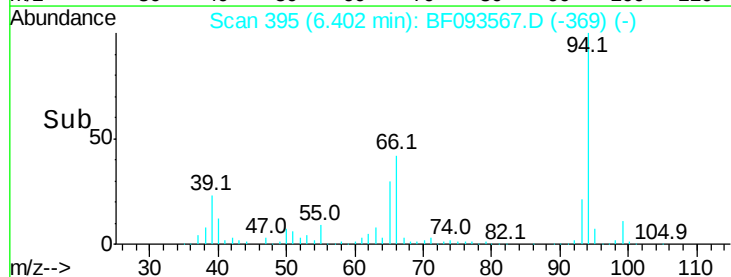
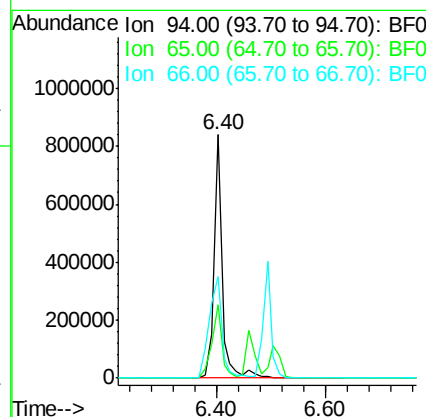
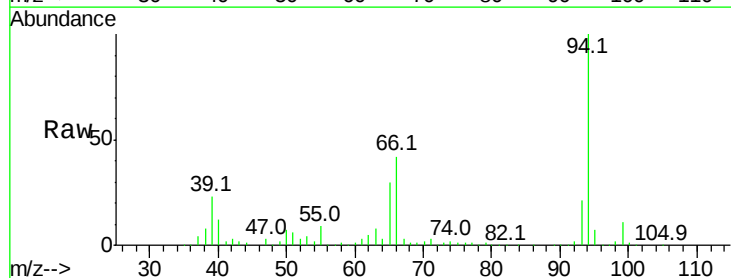
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 86326
Ion Ratio Lower Upper
77 100
105 95.8 83.9 123.9
106 91.3 77.6 117.6



#10
Phenol
Concen: 49.89 ng
RT: 6.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion: 94 Resp: 871534
Ion Ratio Lower Upper
94 100
65 30.2 21.4 61.4
66 41.8 44.0 84.0#

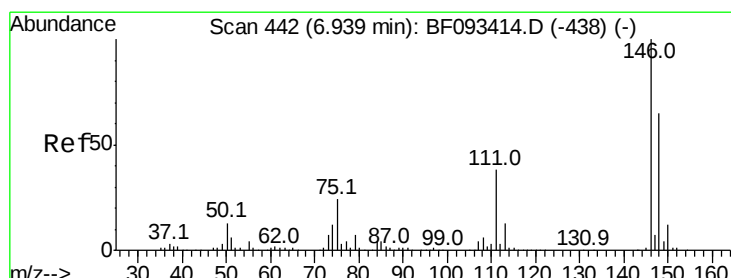
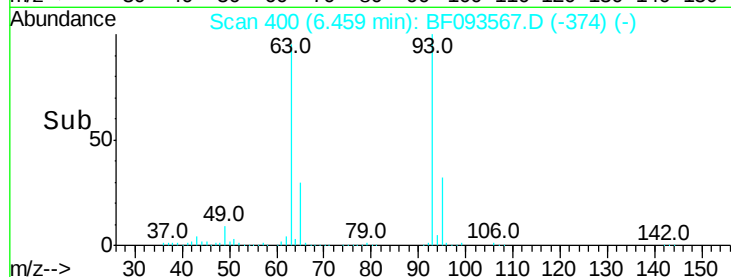
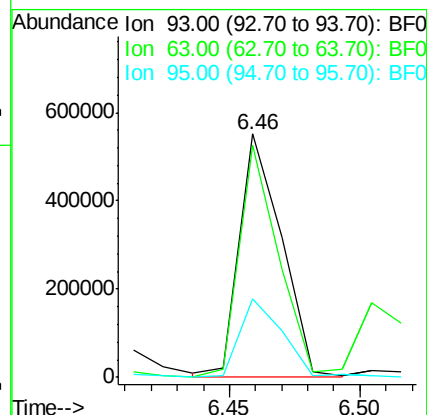
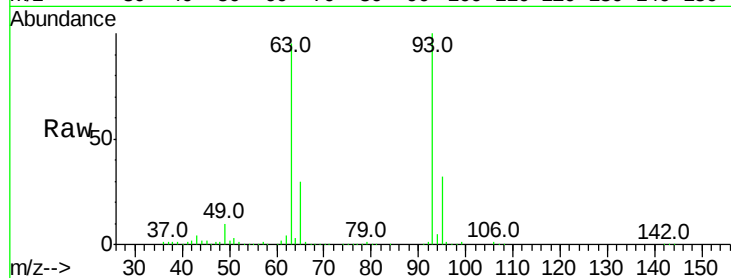




#11
bis(2-Chloroethyl)ether
Concen: 44.15 ng
RT: 6.46 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

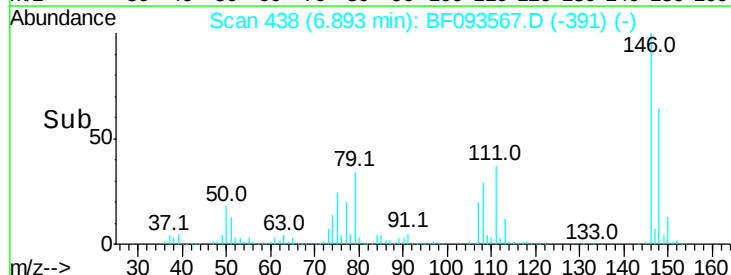
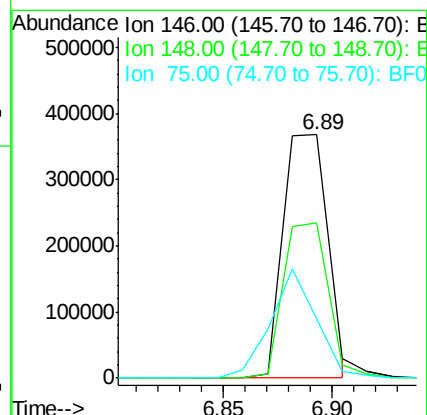
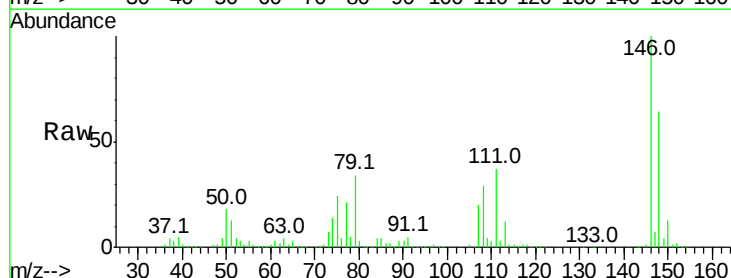
Instrument :
BNA_F
ClientSampleId :

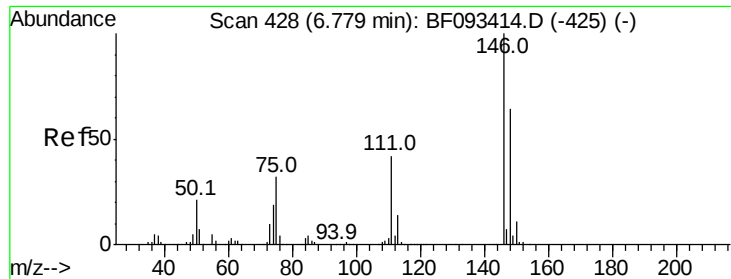
Tot Ion: 93 Resp: 623374
Ion Ratio Lower Upper
93 100
63 95.5 60.4 100.4
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.46 ng
RT: 6.89 min Scan# 438
Delta R.T. 0.24 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion: 146 Resp: 528666
Ion Ratio Lower Upper
146 100
148 63.9 53.4 80.0
75 24.3 18.5 27.7

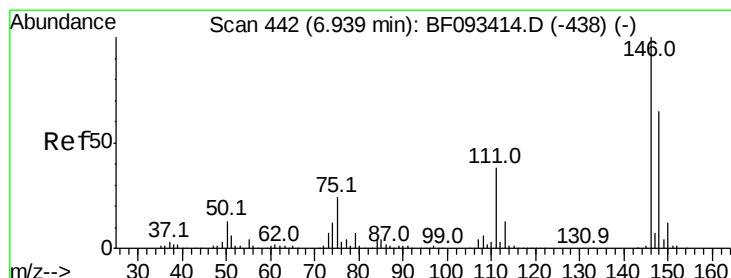
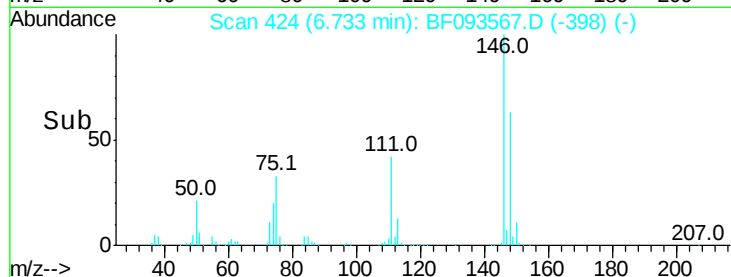
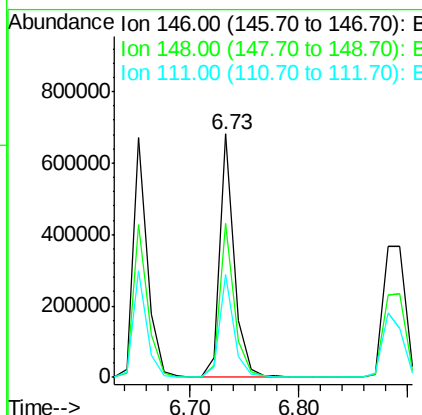
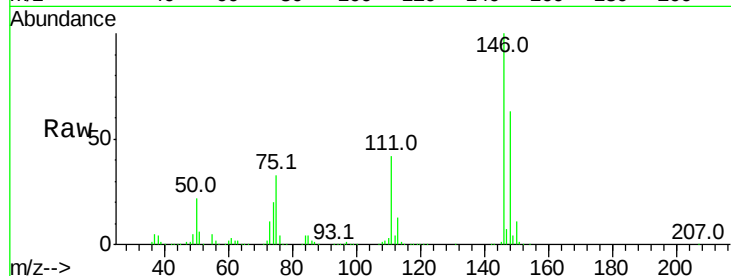




#13
 1,4-Dichlorobenzene
 Concen: 42.97 ng
 RT: 6.73 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

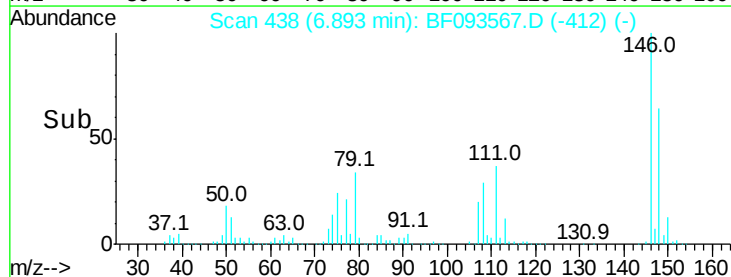
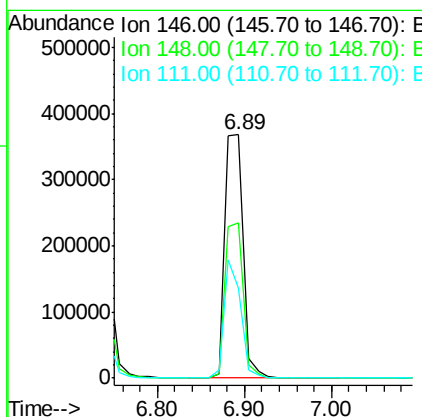
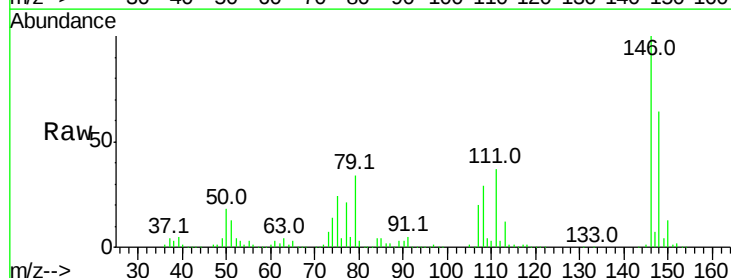
Instrument :
 BNA_F
 ClientSampled :

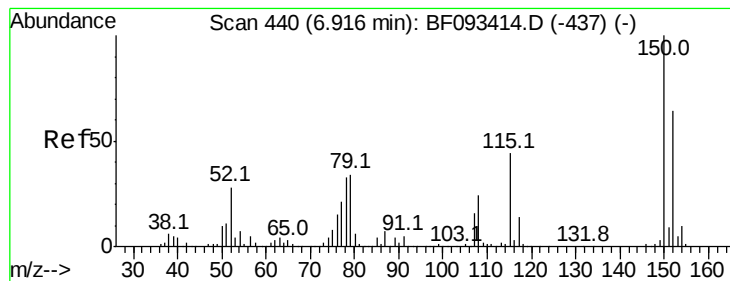
Tot Ion:146 Resp: 637869
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 42.4 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 41.08 ng
 RT: 6.89 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:146 Resp: 539957
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 36.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 47.31 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

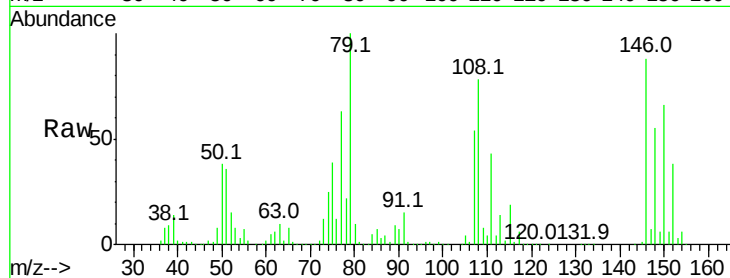
Tot Ion: 79 Resp: 480775

Ion Ratio Lower Upper

79 100

108 78.3 61.4 92.0

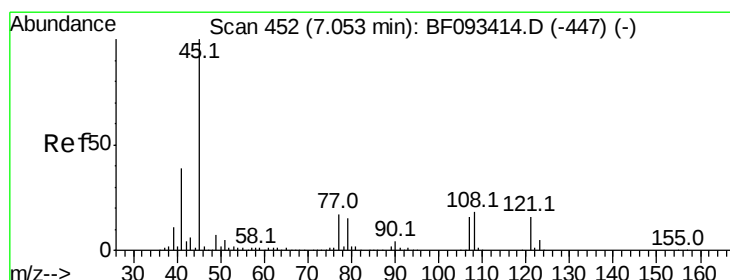
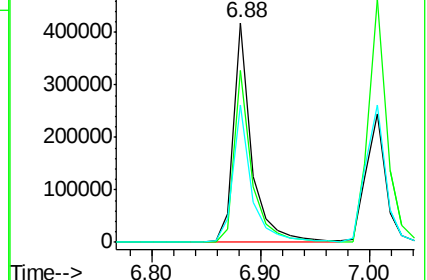
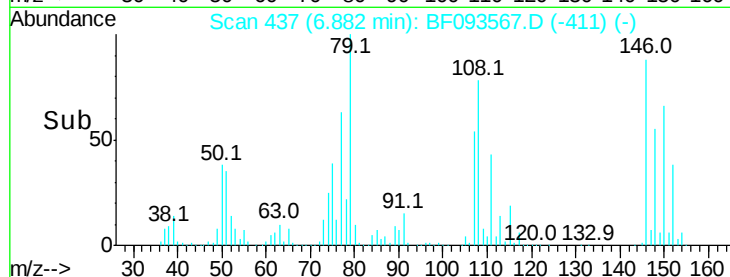
77 62.7 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.79 ng

RT: 7.01 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

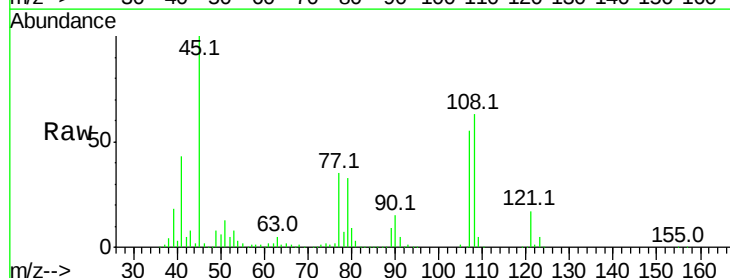
Tgt Ion: 45 Resp: 1003605

Ion Ratio Lower Upper

45 100

77 35.2 0.0 34.6#

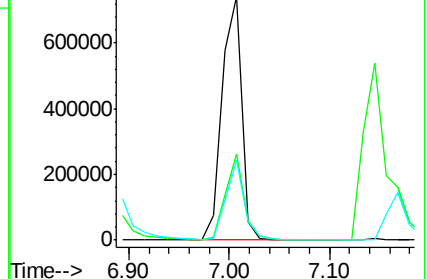
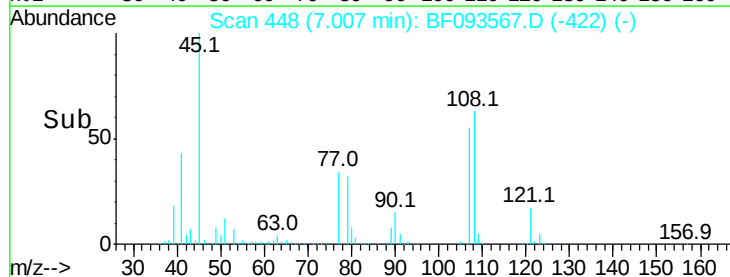
79 32.9 0.0 31.2#

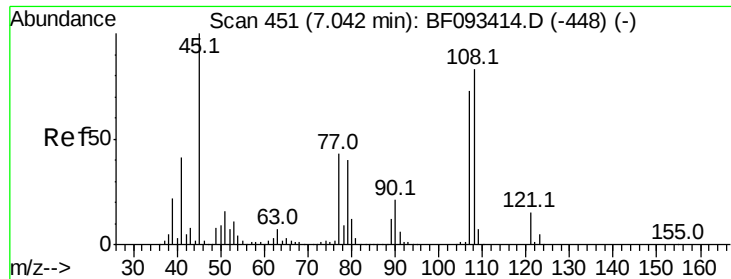


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

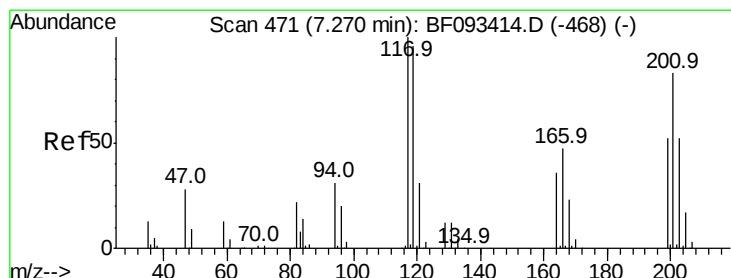
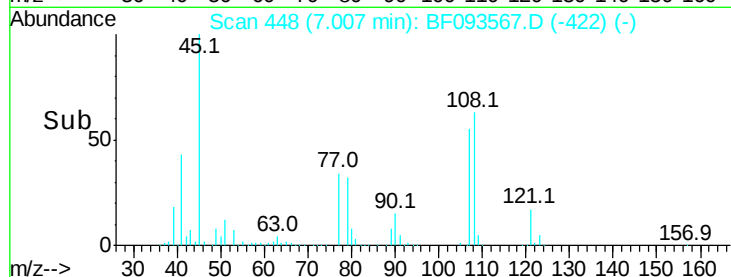
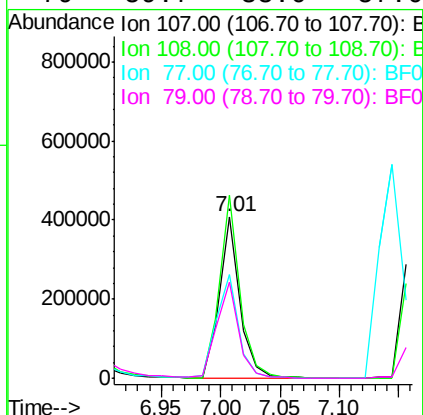
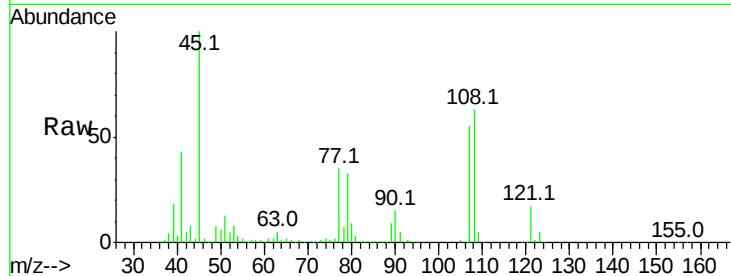




#17
2-Methylphenol
Concen: 44.51 ng
RT: 7.01 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

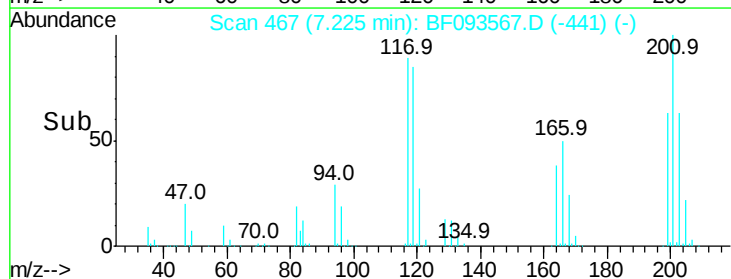
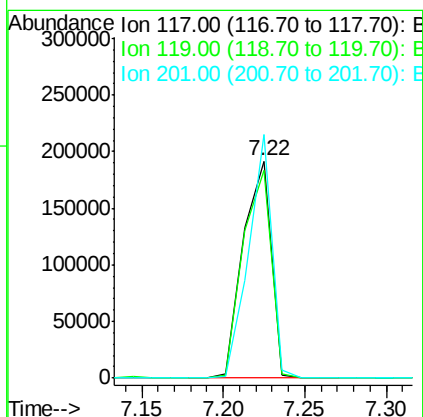
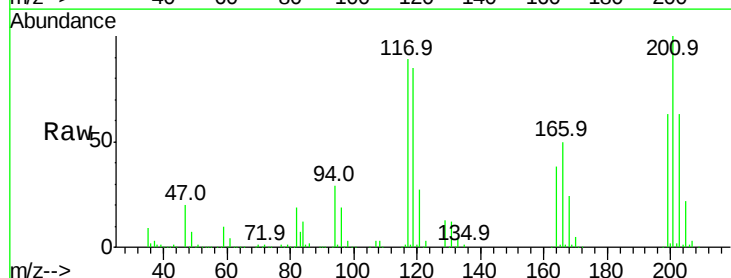
Instrument :
BNA_F
ClientSampleId :

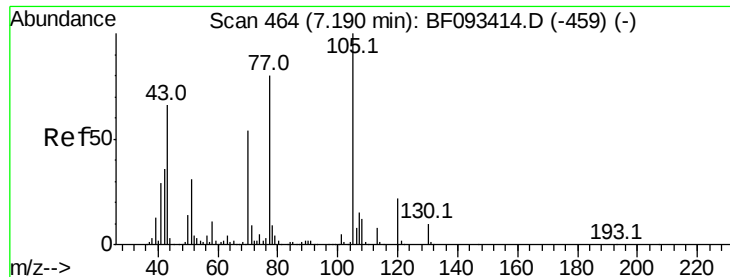
Tot Ion:107 Resp: 476830
Ion Ratio Lower Upper
107 100
108 113.7 93.0 139.6
77 63.9 39.8 59.8#
79 59.7 38.0 57.0#



#18
Hexachloroethane
Concen: 45.38 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:117 Resp: 227191
Ion Ratio Lower Upper
117 100
119 95.6 78.1 117.1
201 112.3 78.6 117.8

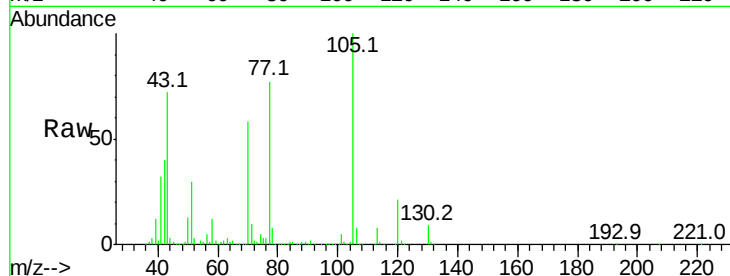




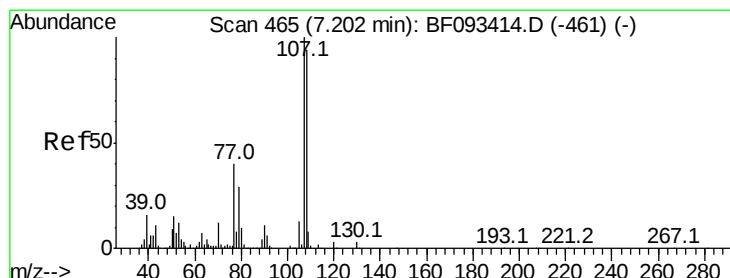
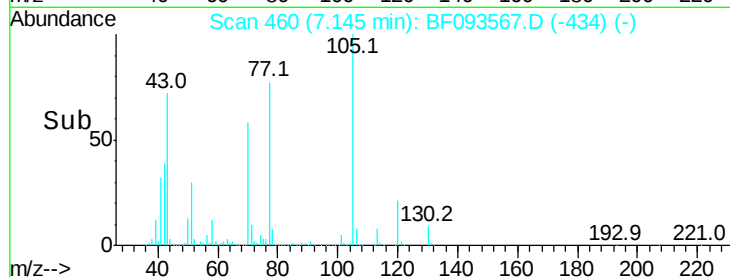
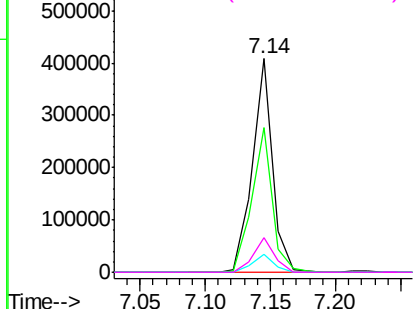
#19
n-Nitroso-di-n-propylamine
Concen: 44.68 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 437875
Ion Ratio Lower Upper
70 100
42 67.9 49.4 74.0
101 8.5 7.4 11.2
130 16.1 14.2 21.4

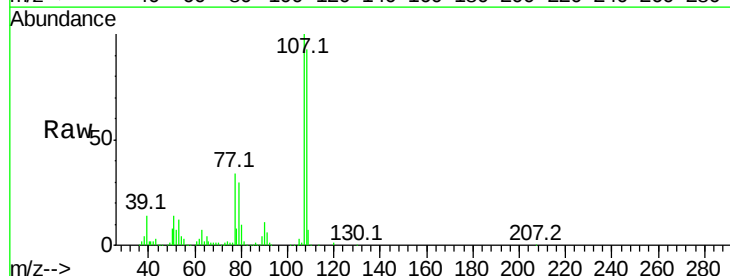


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

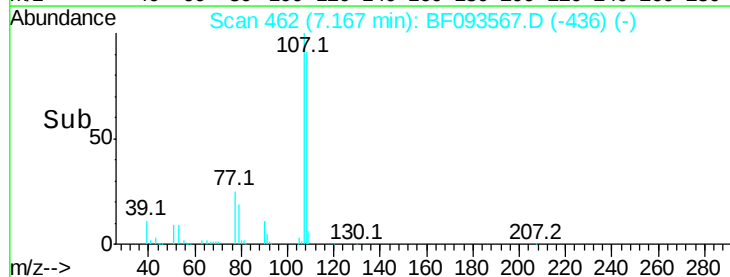
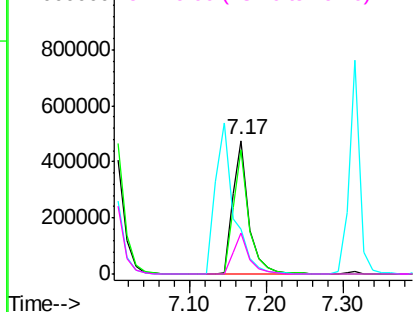


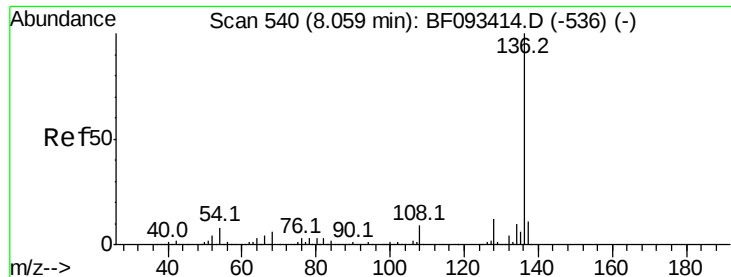
#20
3+4-Methylphenols
Concen: 50.37 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:107 Resp: 699798
Ion Ratio Lower Upper
107 100
108 93.4 73.0 113.0
77 33.6 71.3 111.3#
79 30.3 11.1 51.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 776898

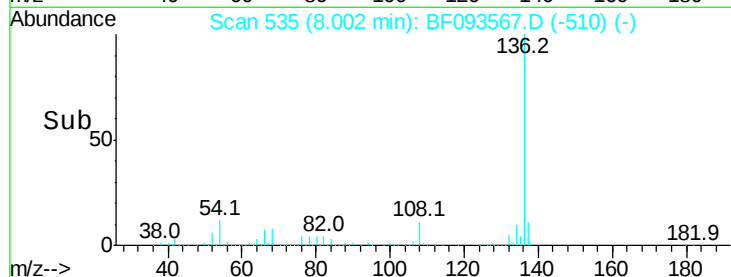
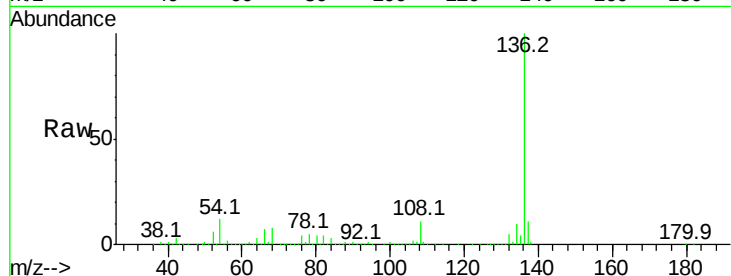
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.9 4.5 6.7#

68 8.1 3.6 5.4#

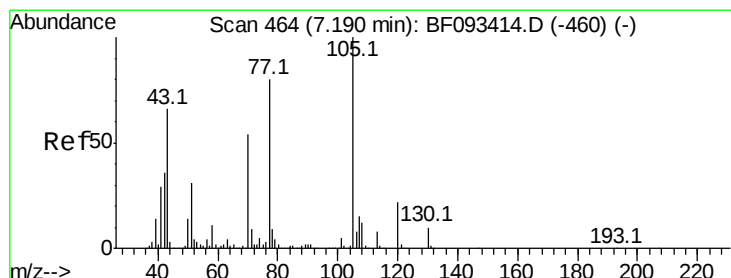
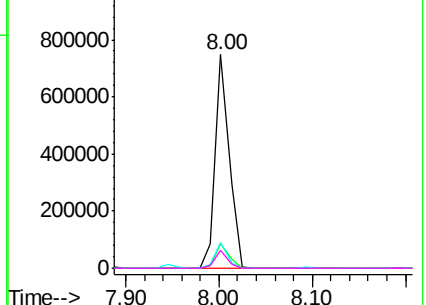


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.29 ng

RT: 7.14 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Tgt Ion:105 Resp: 846667

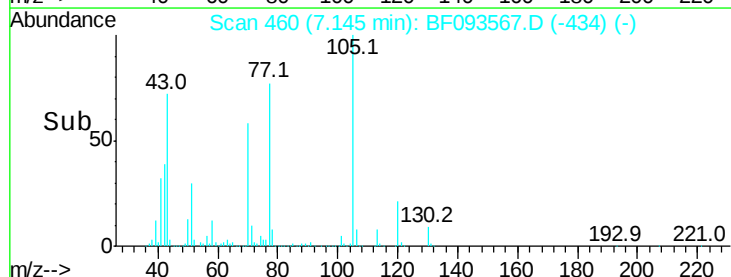
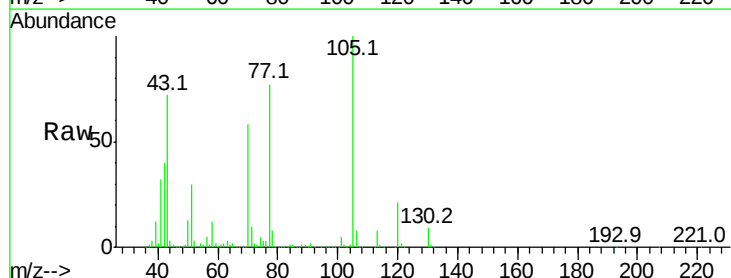
Ion Ratio Lower Upper

105 100

71 10.1 3.2 4.8#

51 29.8 26.2 39.4

120 21.1 16.6 24.8

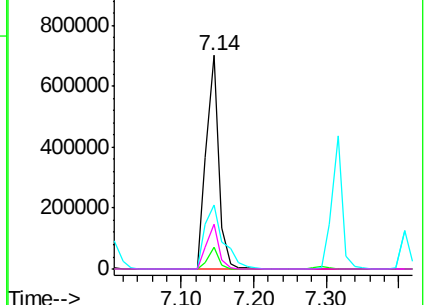


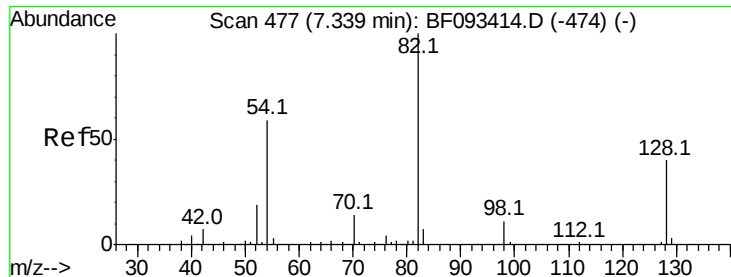
Abundance Ion 105.00 (104.70 to 105.70): E

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



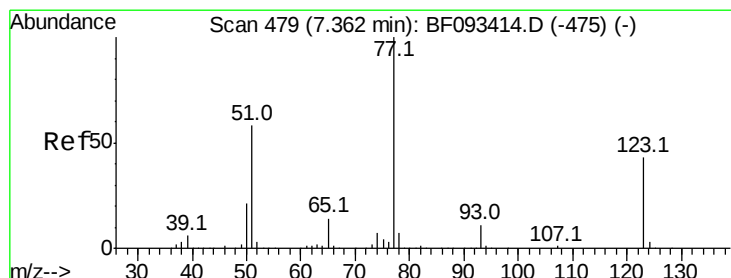
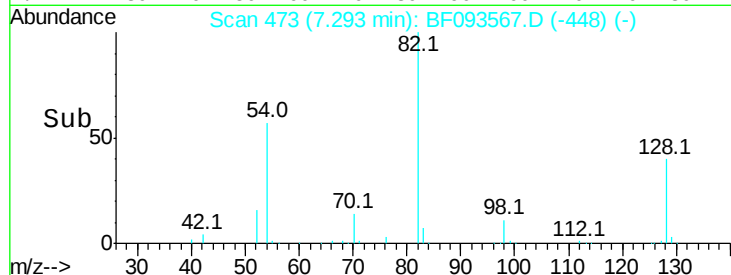
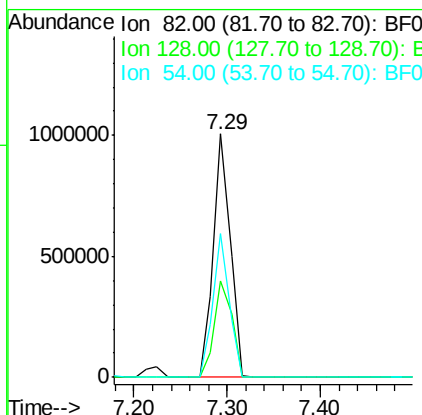
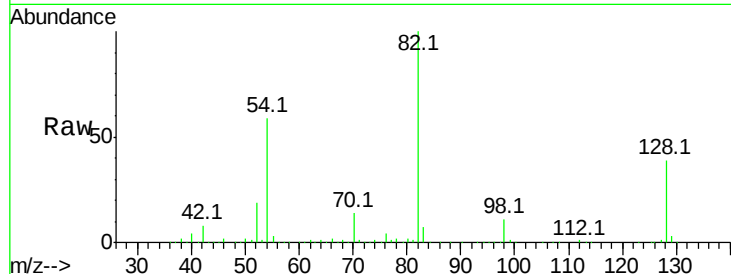


#23
 Nitrobenzene-d5
 Concen: 90.98 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1273855

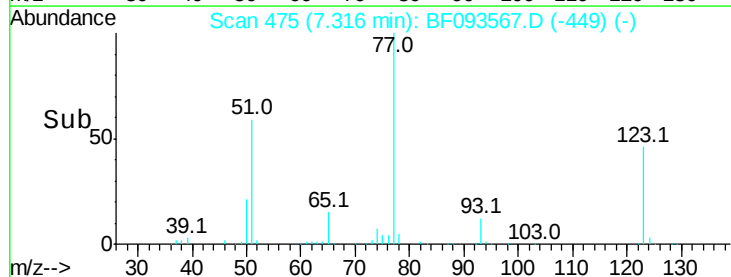
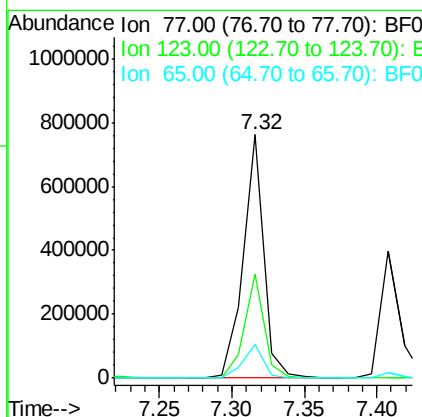
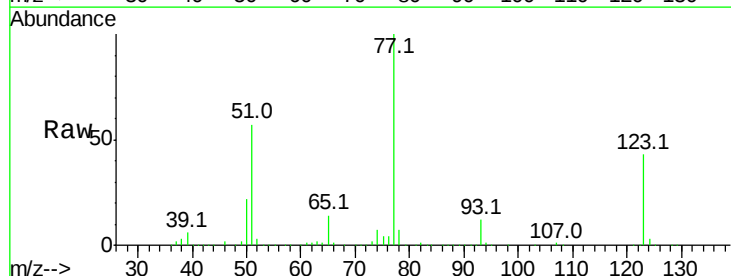
Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.6	52.0
54	59.0	39.5	59.3

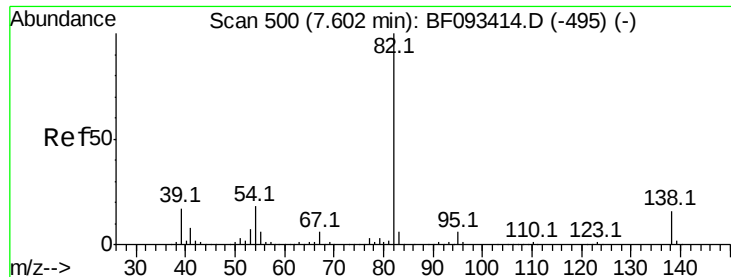


#24
 Nitrobenzene
 Concen: 47.34 ng
 RT: 7.32 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion: 77 Resp: 744993

Ion	Ratio	Lower	Upper
77	100		
123	42.7	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 46.47 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :

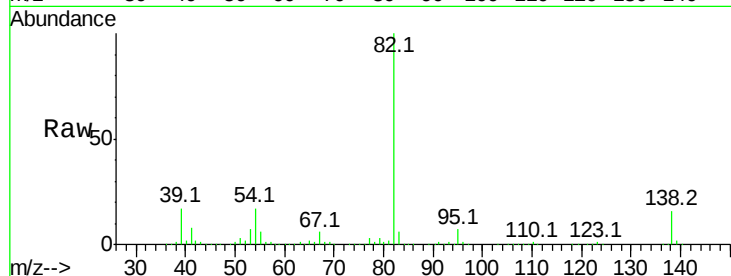
Tot Ion: 82 Resp: 1312162

Ion Ratio Lower Upper

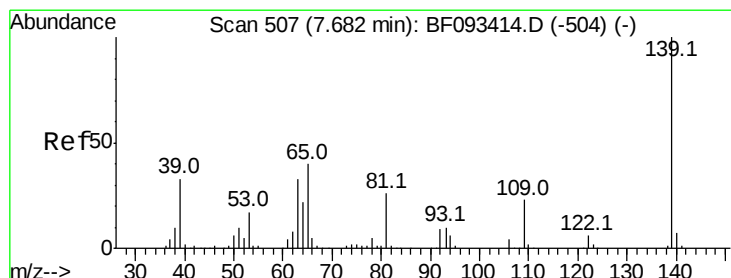
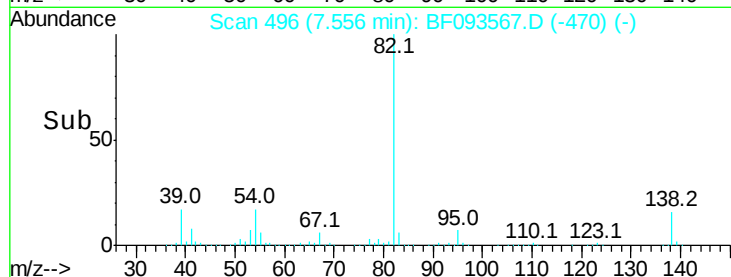
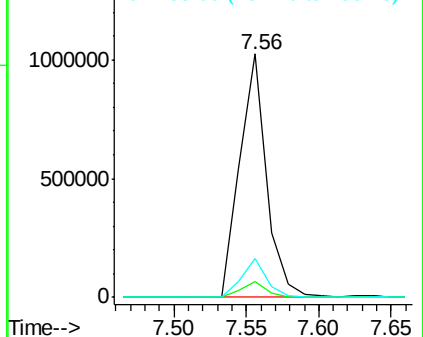
82 100

95 6.7 5.6 8.4

138 16.0 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: 45.70 ng

RT: 7.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

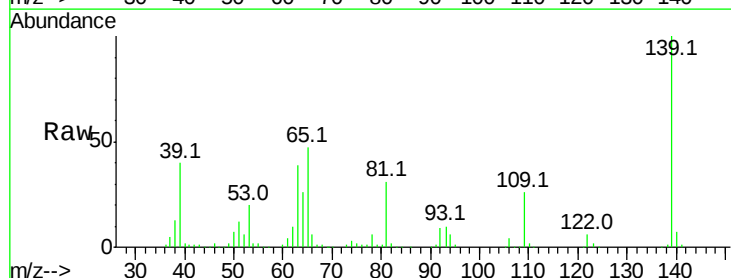
Tgt Ion:139 Resp: 328147

Ion Ratio Lower Upper

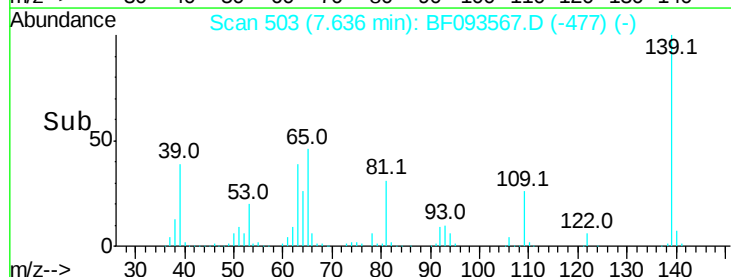
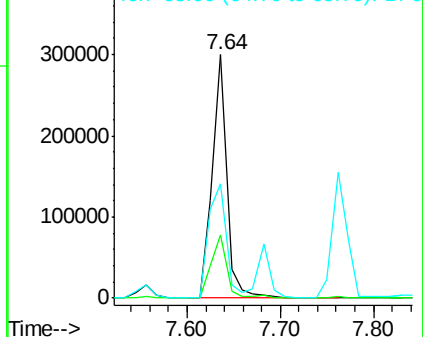
139 100

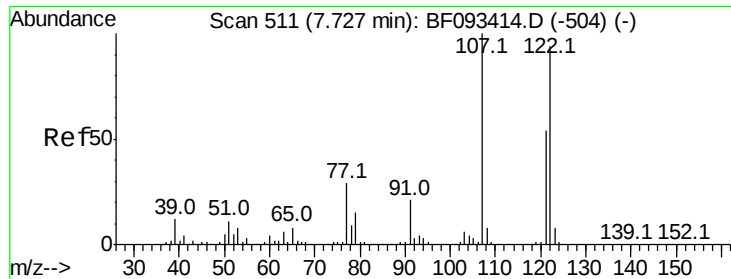
109 25.7 23.3 34.9

65 46.9 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

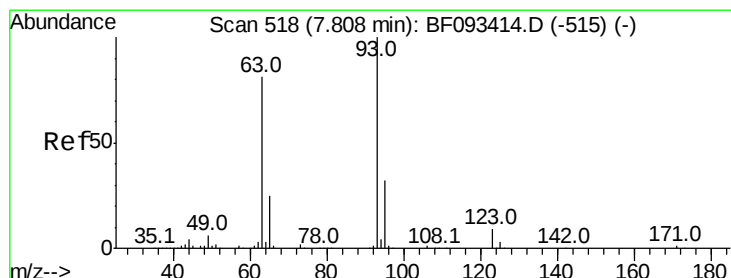
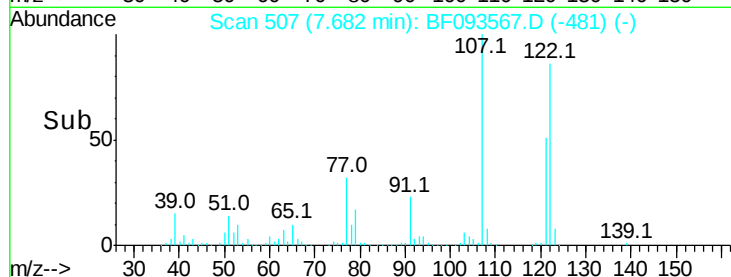
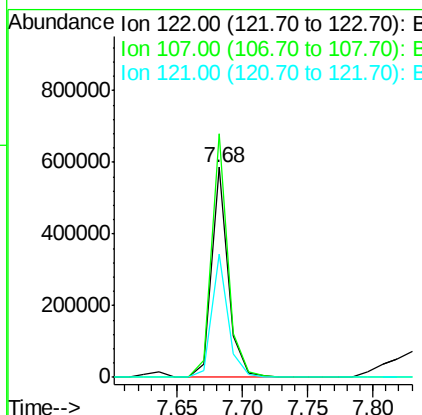
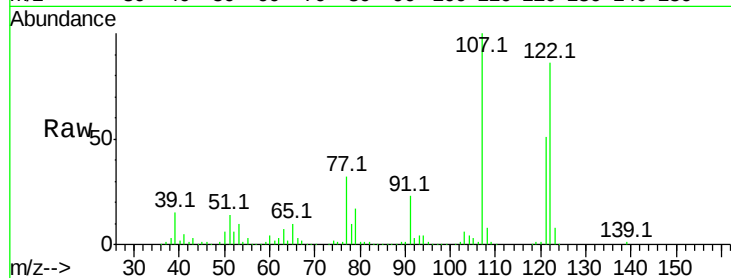




#27
 2,4-Dimethylphenol
 Concen: 44.16 ng
 RT: 7.68 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

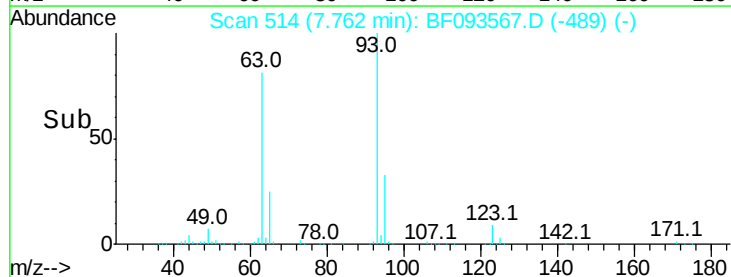
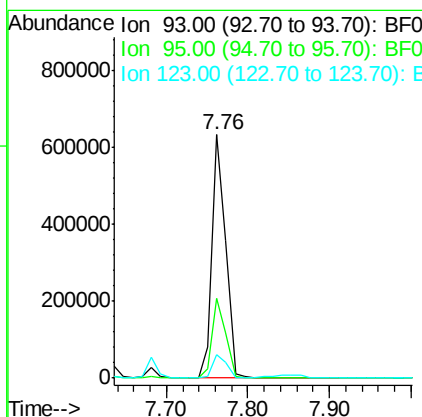
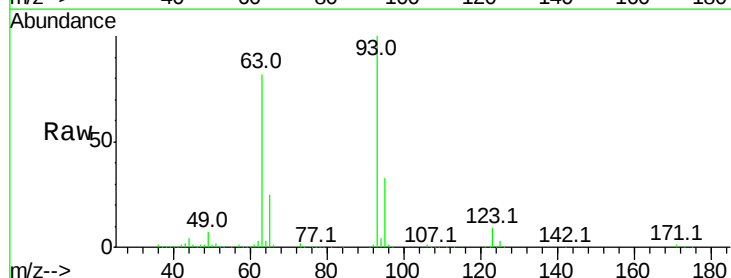
Instrument :
 BNA_F
 ClientSampled :

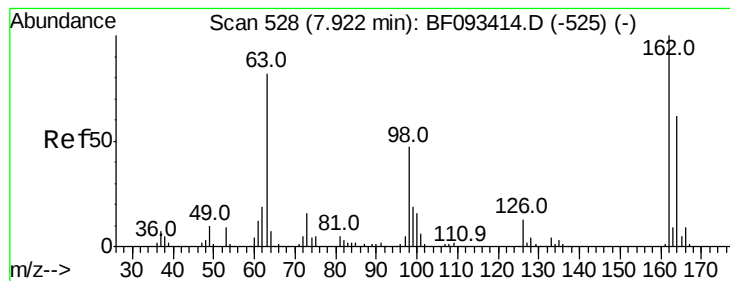
Tot Ion:122 Resp: 515833
 Ion Ratio Lower Upper
 122 100
 107 115.9 94.1 141.1
 121 58.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.19 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion: 93 Resp: 751985
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 9.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 44.29 ng

RT: 7.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampled :

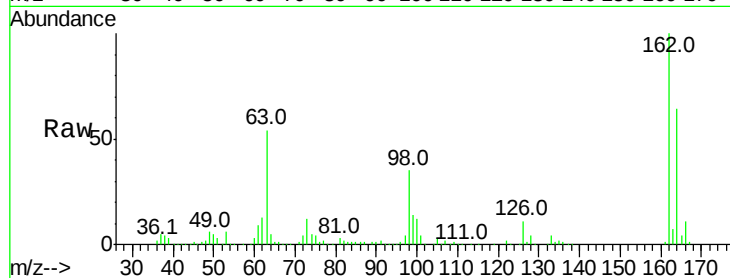
Tot Ion:162 Resp: 486684

Ion Ratio Lower Upper

162 100

164 63.5 46.8 86.8

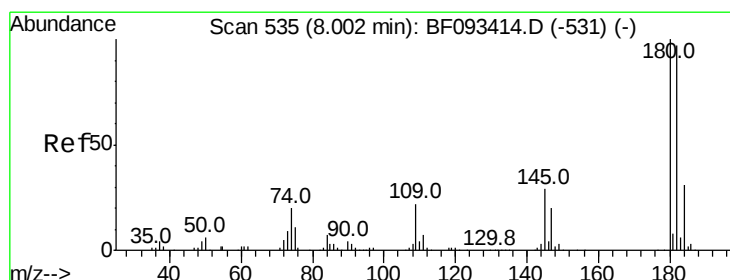
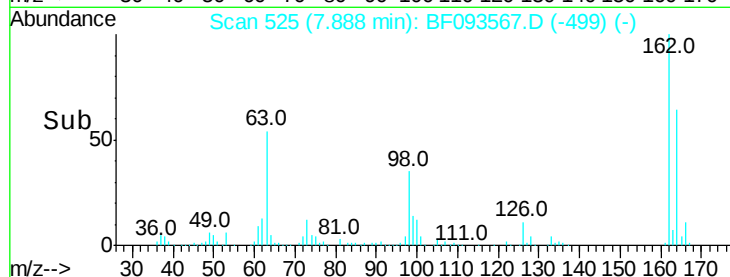
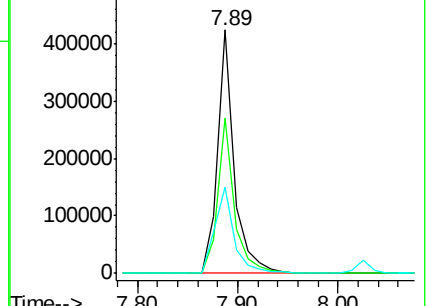
98 35.2 9.1 49.1



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: 42.03 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

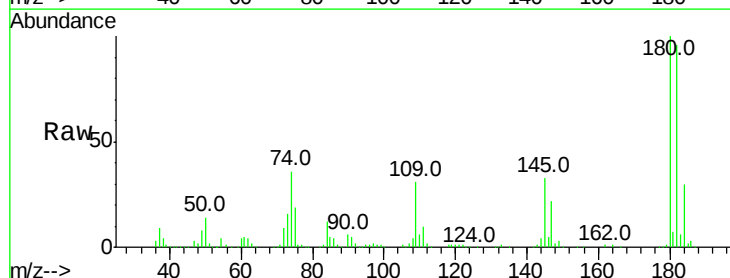
Tgt Ion:180 Resp: 491138

Ion Ratio Lower Upper

180 100

182 95.5 78.2 117.4

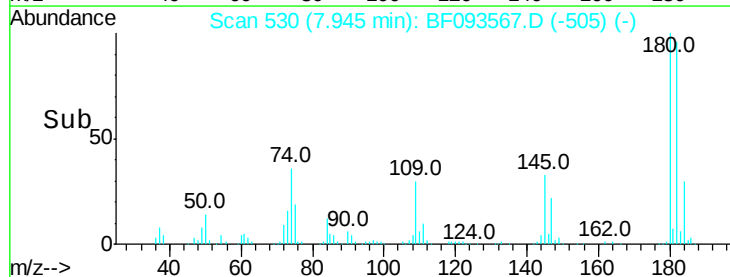
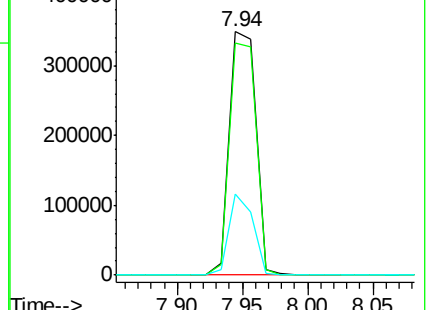
145 33.2 21.6 32.4#

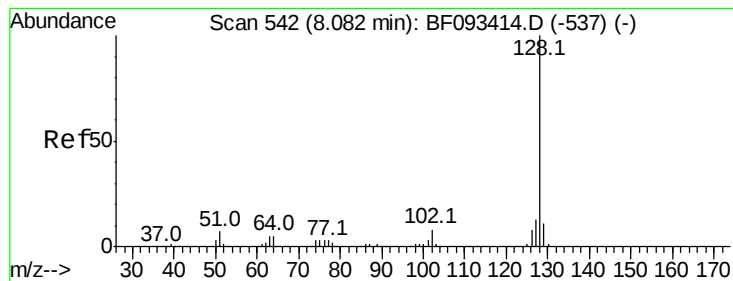


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.65 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

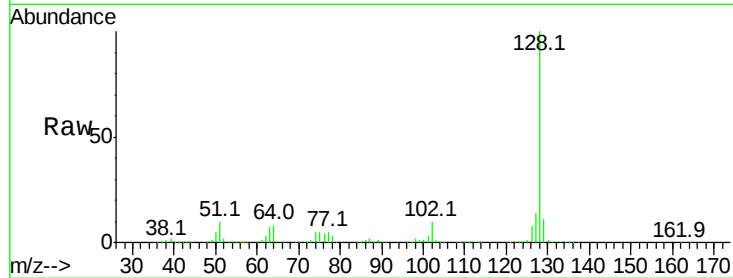
Tot Ion:128 Resp: 1543551

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

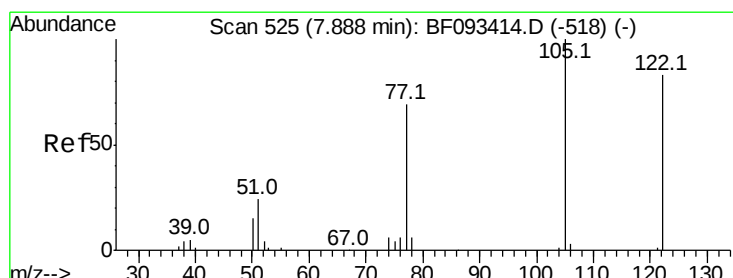
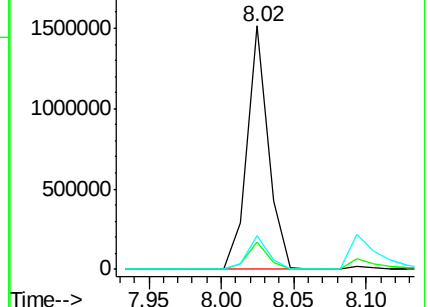
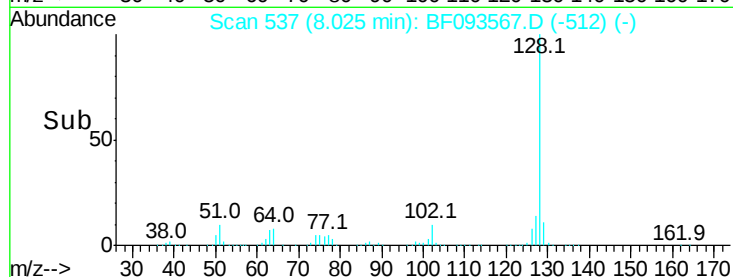
127 13.9 10.8 16.2



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: 58.17 ng

RT: 7.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

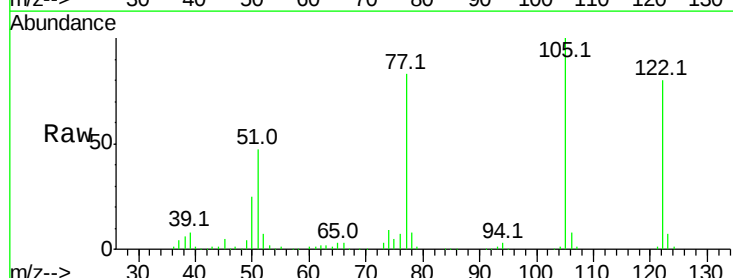
Tgt Ion:122 Resp: 353059

Ion Ratio Lower Upper

122 100

105 125.7 107.2 147.2

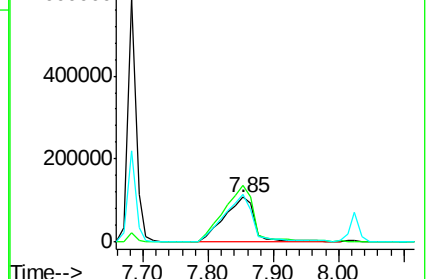
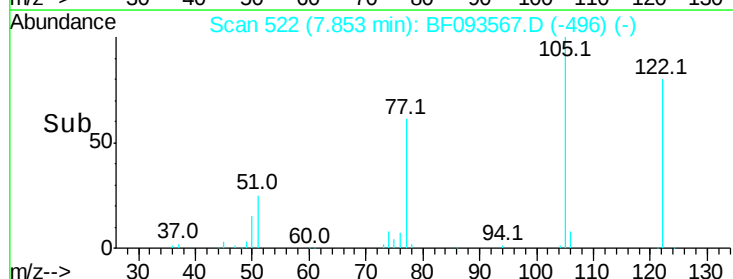
77 104.7 74.5 114.5

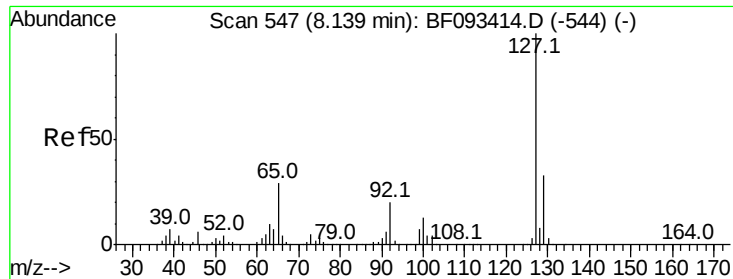


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

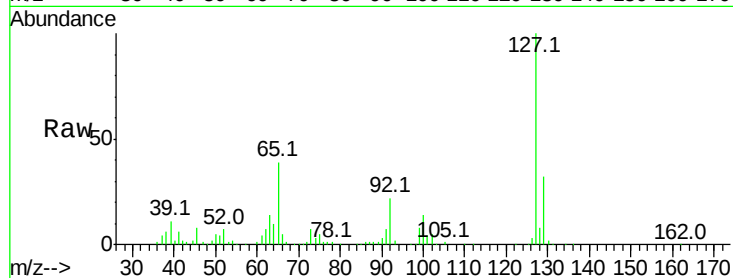




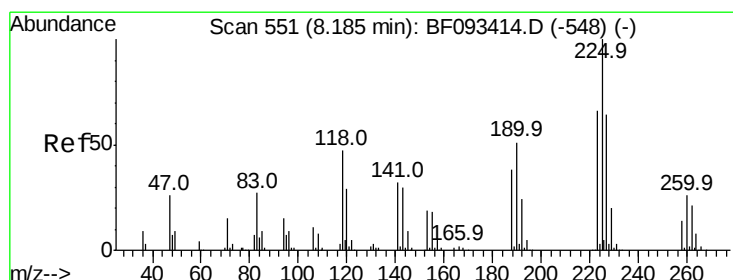
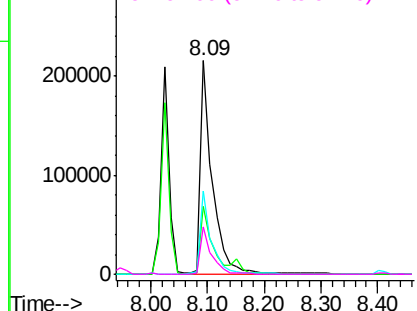
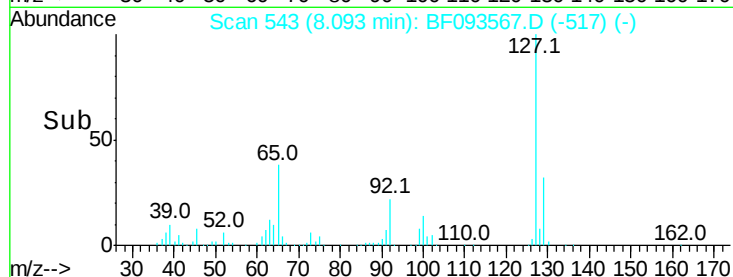
#33
4-Chloroaniline
Concen: 19.35 ng
RT: 8.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	305743
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	38.9	25.8	38.8#
92	22.2	16.1	24.1

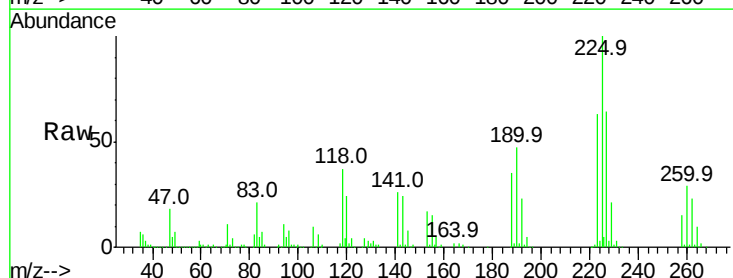


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

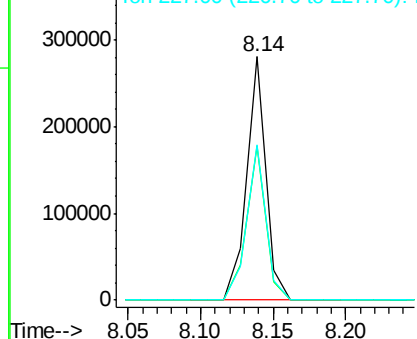
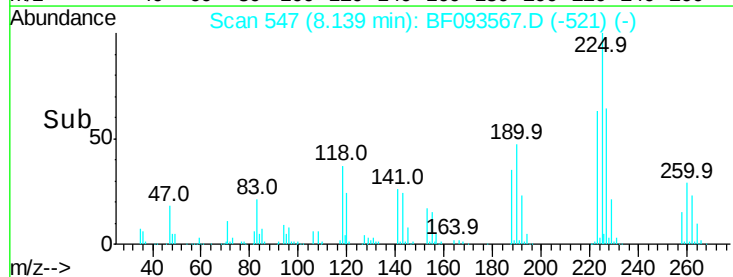


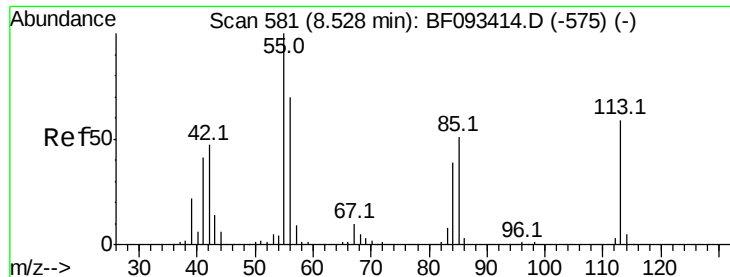
#34
Hexachlorobutadiene
Concen: 43.03 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:	225	Resp:	258983
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	63.9	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

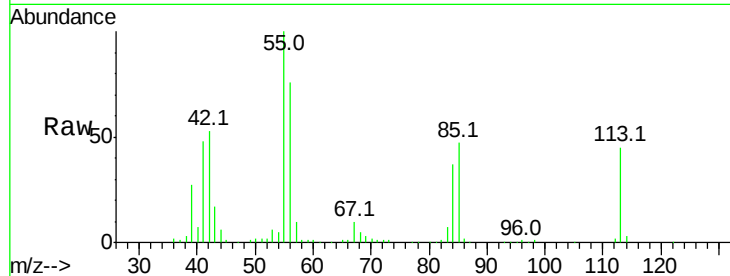




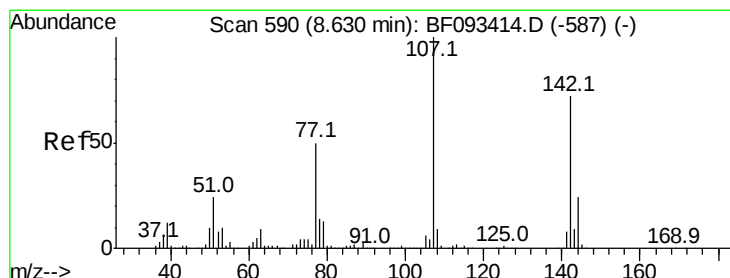
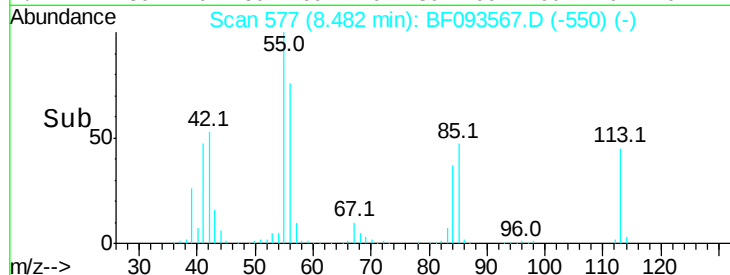
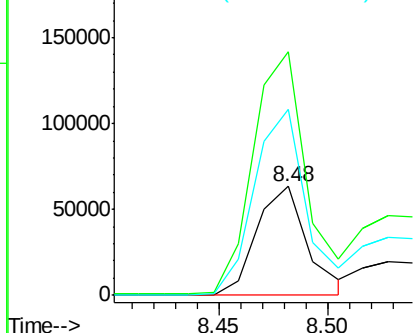
#35
Caprolactam
Concen: 27.68 ng
RT: 8.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 103878
Ion Ratio Lower Upper
113 100
55 223.9 119.2 159.2#
56 170.6 83.8 123.8#

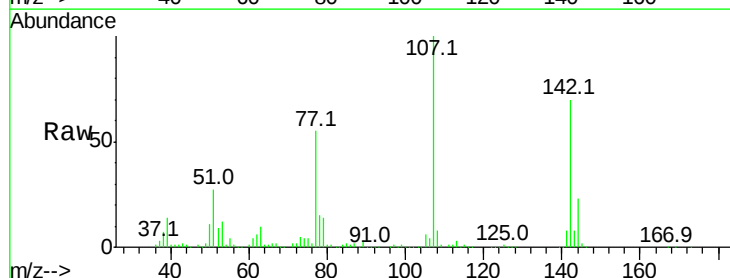


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

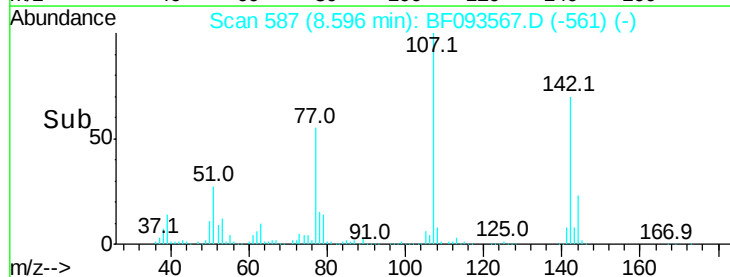
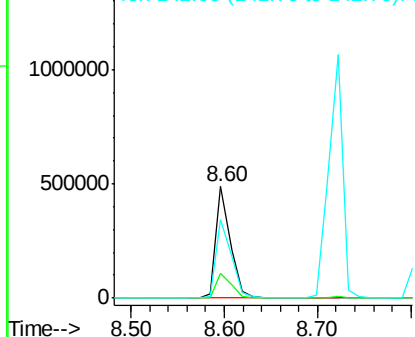


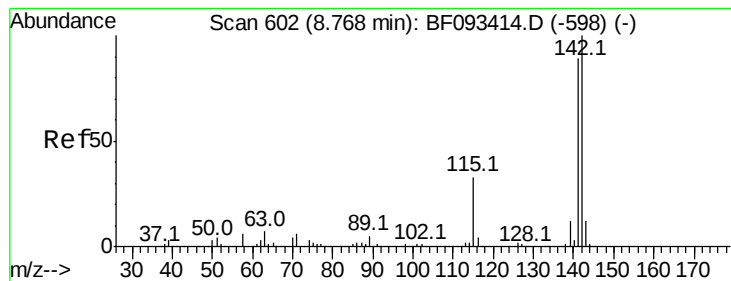
#36
4-Chloro-3-methylphenol
Concen: 44.72 ng
RT: 8.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:107 Resp: 524536
Ion Ratio Lower Upper
107 100
144 22.5 19.3 28.9
142 70.2 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: 44.51 ng

RT: 8.72 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampled :

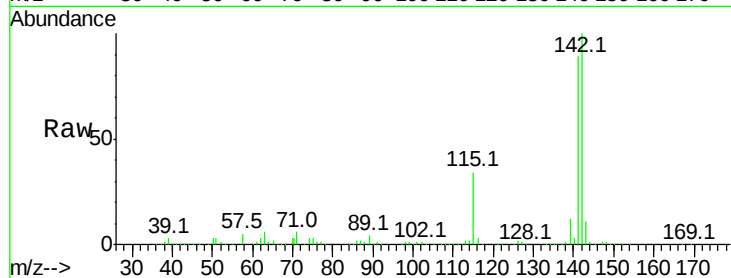
Tot Ion:142 Resp: 1102680

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

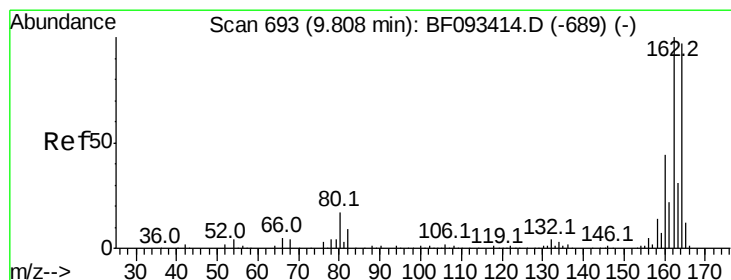
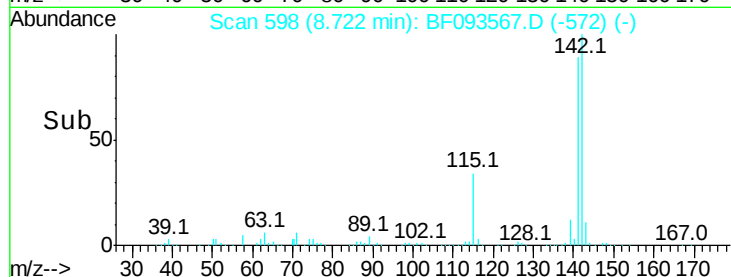
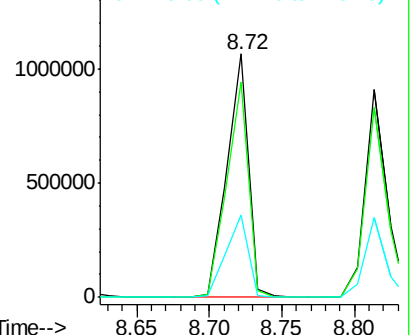
115 33.8 28.3 42.5



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: 9.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

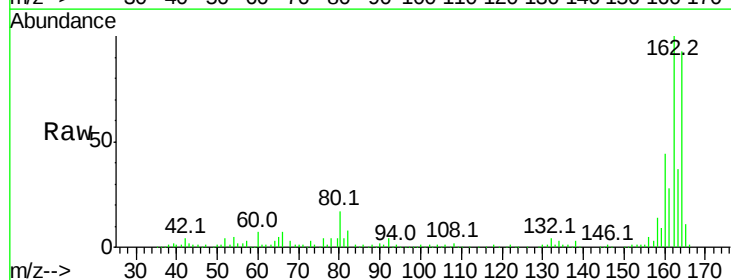
Tgt Ion:164 Resp: 364857

Ion Ratio Lower Upper

164 100

162 107.3 80.2 120.2

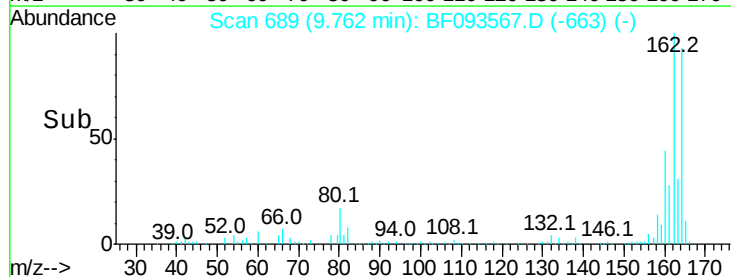
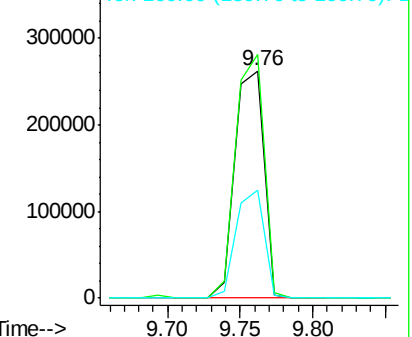
160 47.7 36.9 55.3

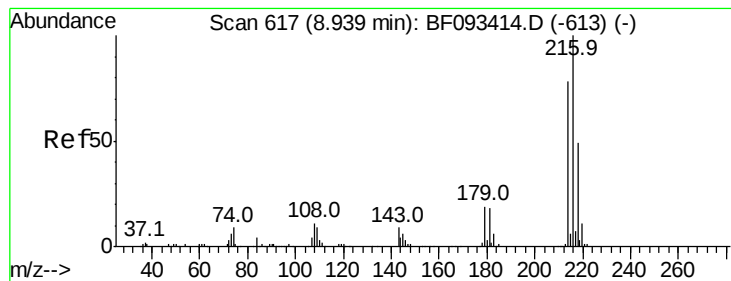


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.51 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 453400

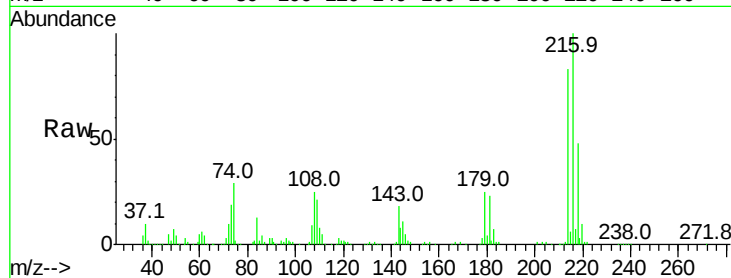
Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.0

179 21.8 17.4 26.2

108 21.4 15.6 23.4

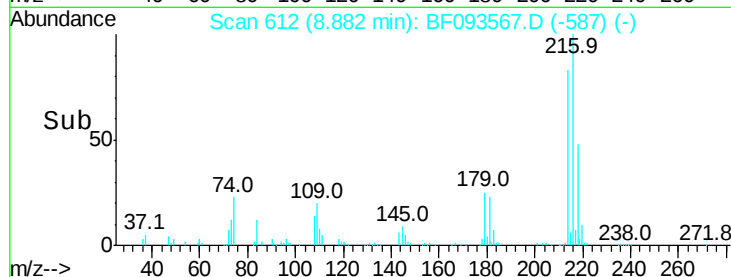


Abundance Ion 216.00 (215.70 to 216.70): E

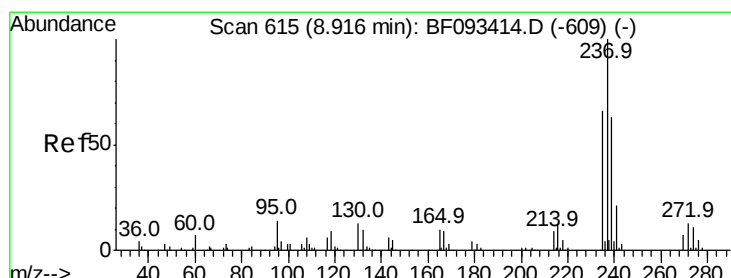
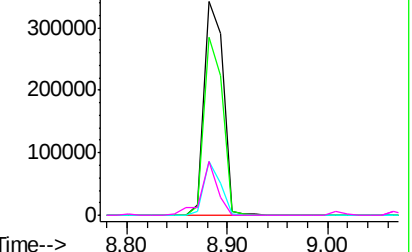
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 115.56 ng

RT: 8.87 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

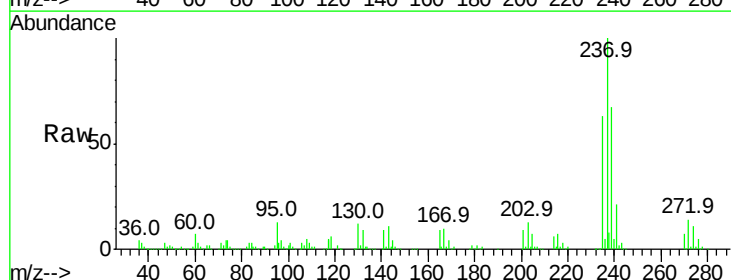
Tgt Ion:237 Resp: 306425

Ion Ratio Lower Upper

237 100

235 63.2 41.2 81.2

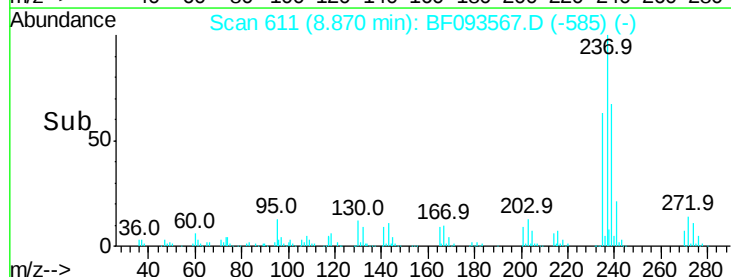
272 13.7 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

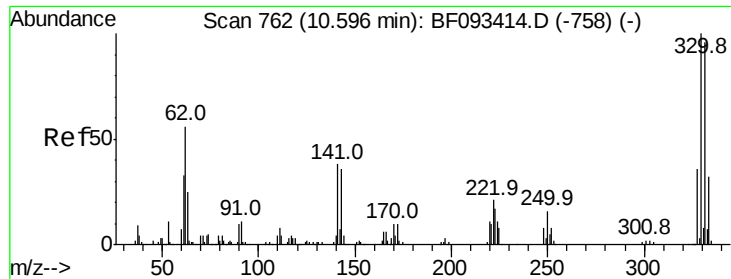
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

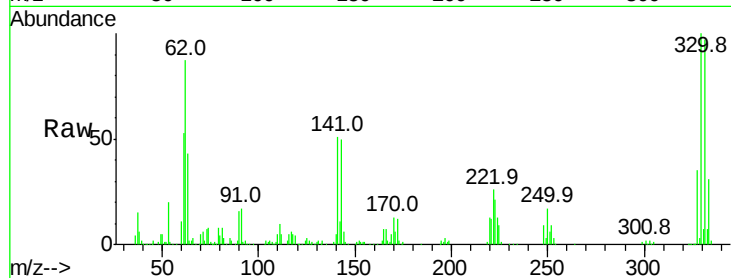




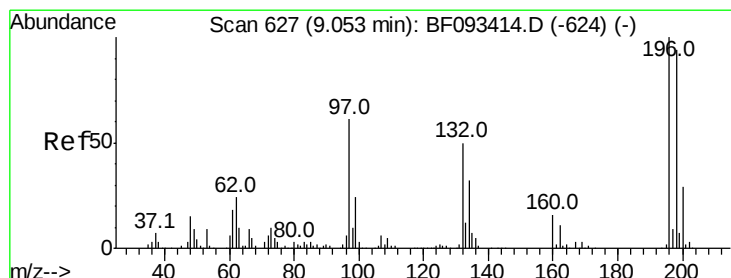
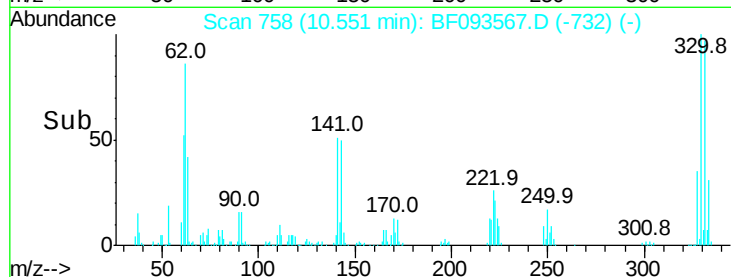
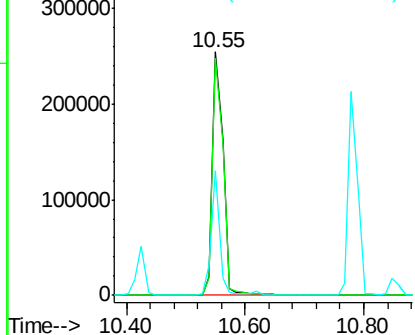
#41
 2,4,6-Tribromophenol
 Concen: 133.25 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 316743
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 40.5 34.1 51.1

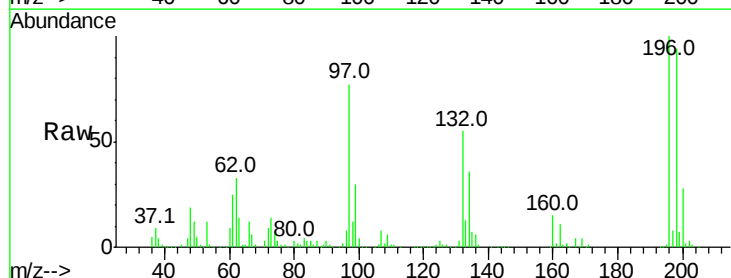


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

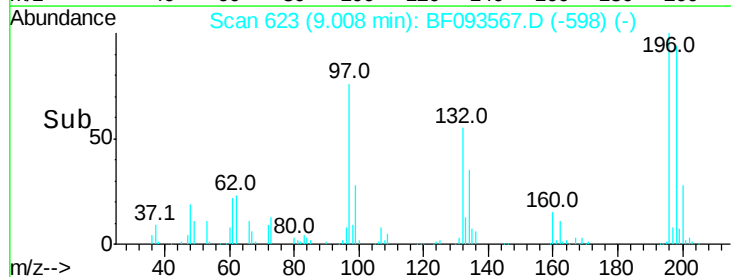
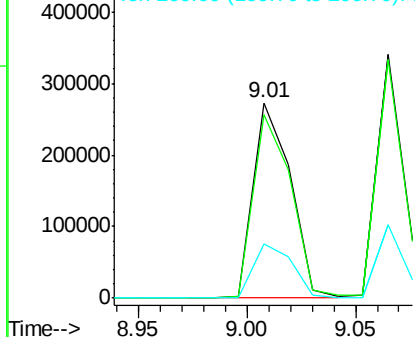


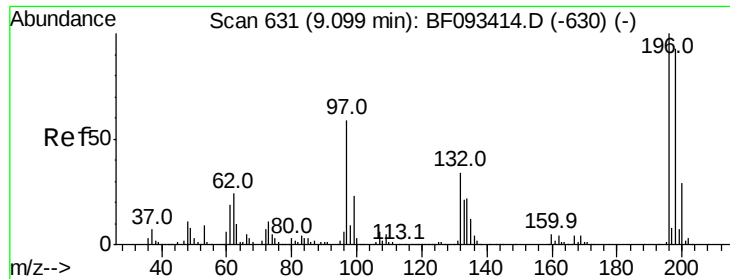
#42
 2,4,6-Trichlorophenol
 Concen: 52.48 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:196 Resp: 326644
 Ion Ratio Lower Upper
 196 100
 198 94.2 82.1 123.1
 200 27.9 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

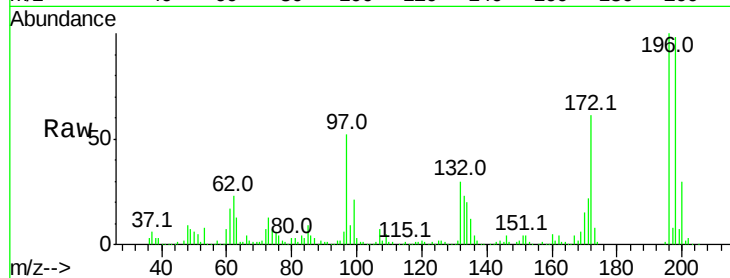




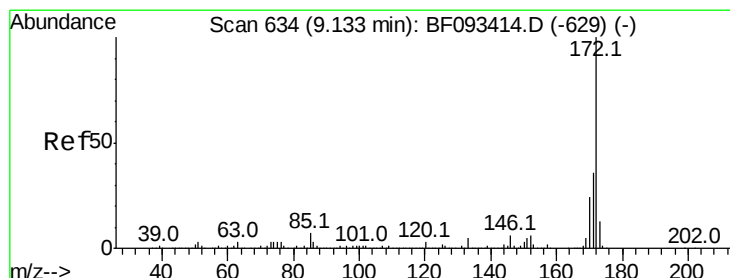
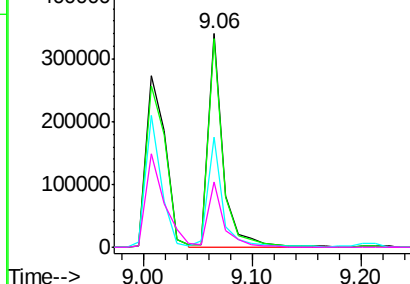
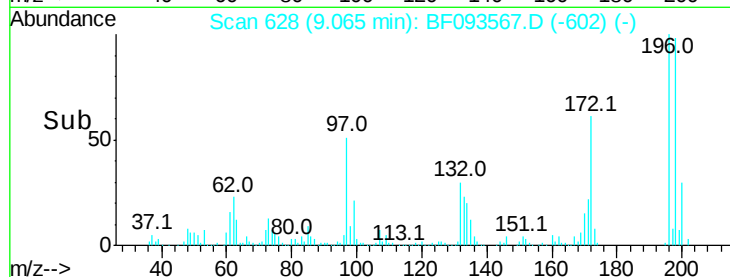
#43
 2,4,5-Trichlorophenol
 Concen: 48.31 ng
 RT: 9.06 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 322661
 Ion Ratio Lower Upper
 196 100
 198 97.9 79.4 119.2
 97 51.8 51.5 77.3
 132 30.4 27.4 41.2

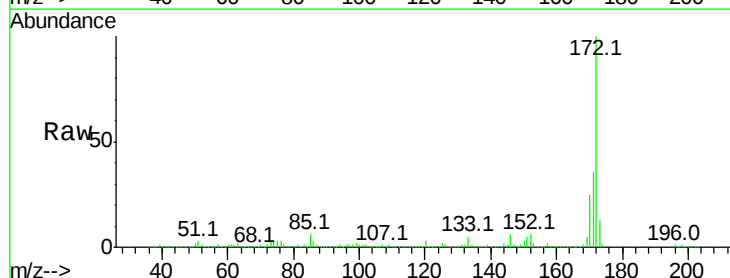


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

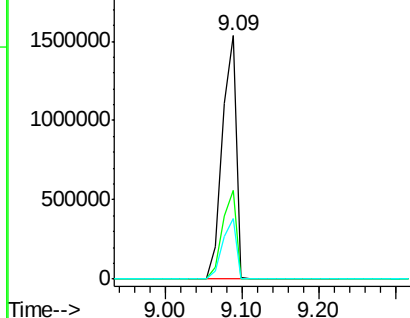
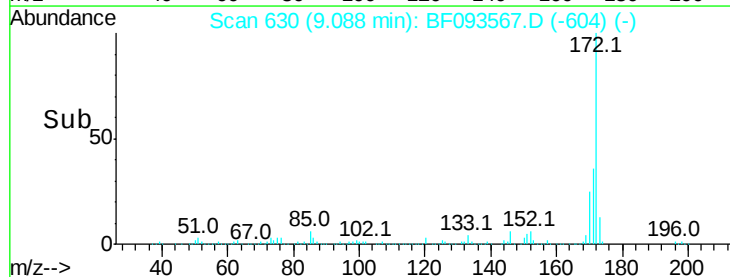


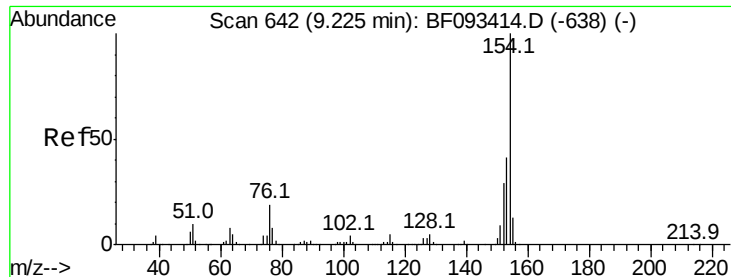
#44
 2-Fluorobiphenyl
 Concen: 100.52 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:172 Resp: 1971672
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 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

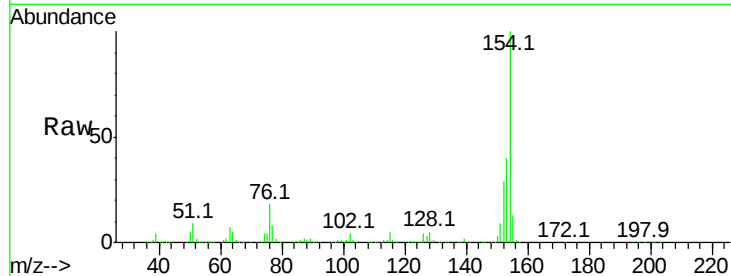




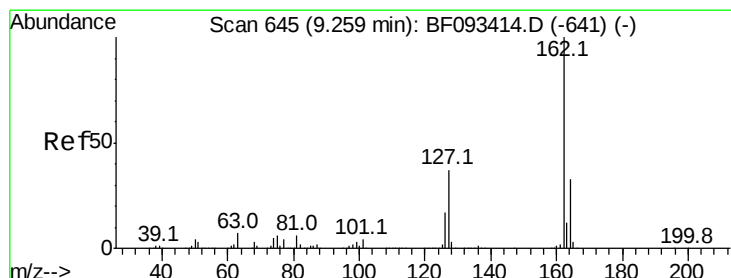
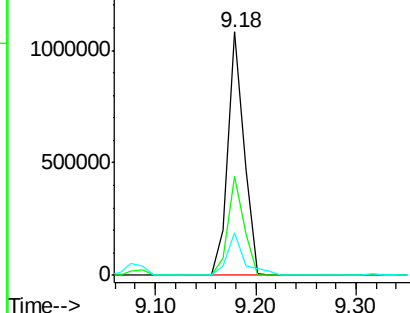
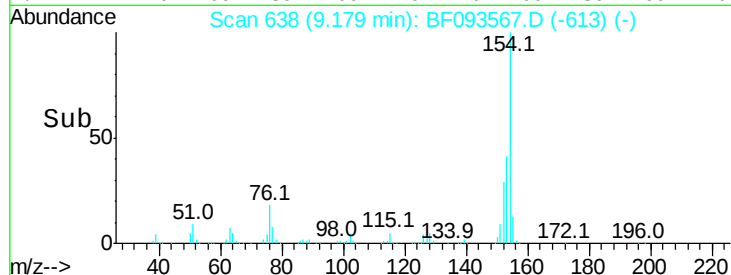
#45
 1,1'-Biphenyl
 Concen: 45.58 ng
 RT: 9.18 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1211532
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.9 60.9
 76 17.6 0.0 30.5

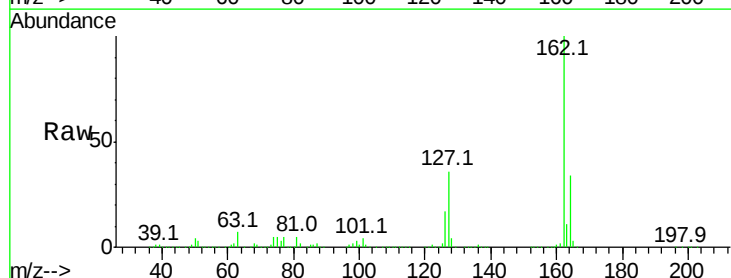


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

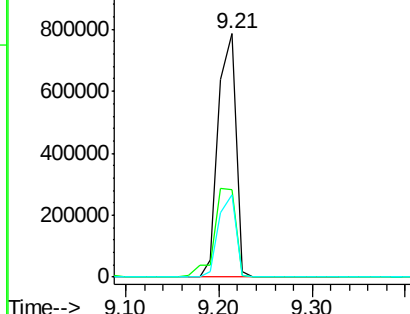
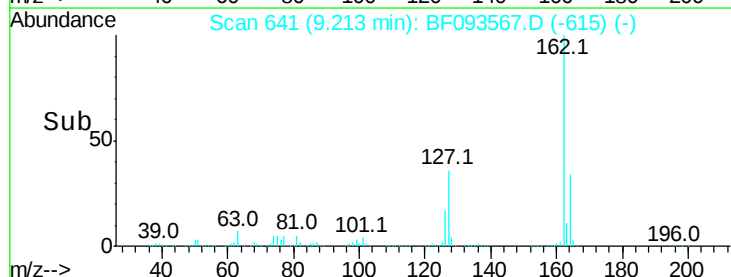


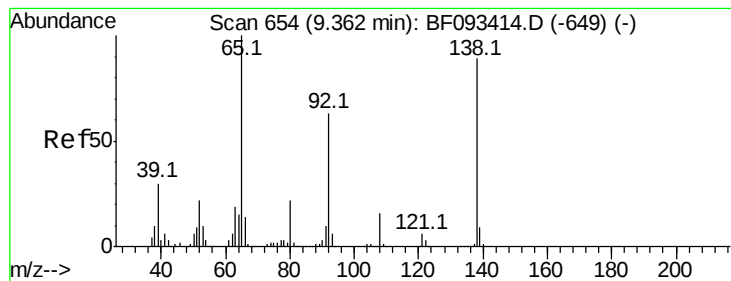
#46
 2-Chloronaphthalene
 Concen: 50.71 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:162 Resp: 1031584
 Ion Ratio Lower Upper
 162 100
 127 35.7 30.7 46.1
 164 33.6 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: 53.96 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

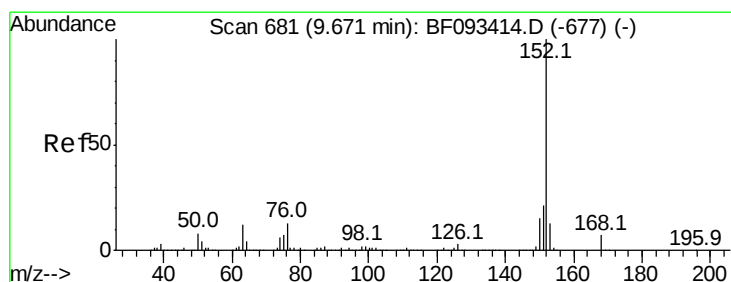
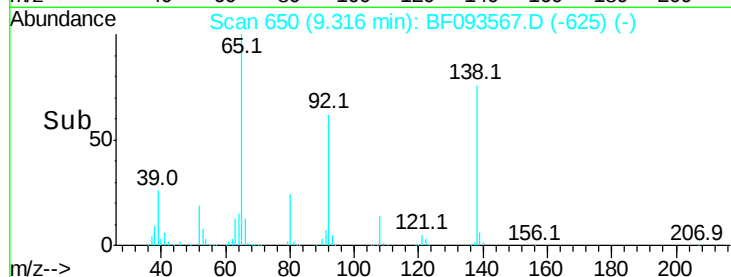
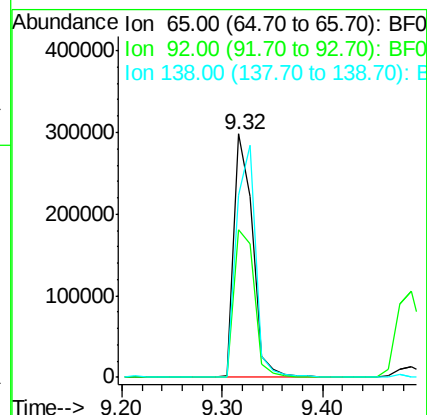
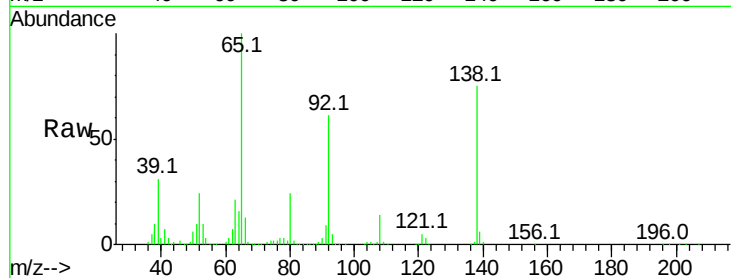
Tot Ion: 65 Resp: 388102

Ion Ratio Lower Upper

65 100

92 60.7 53.9 80.9

138 74.7 76.8 115.2#



#48

Acenaphthylene

Concen: 46.13 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

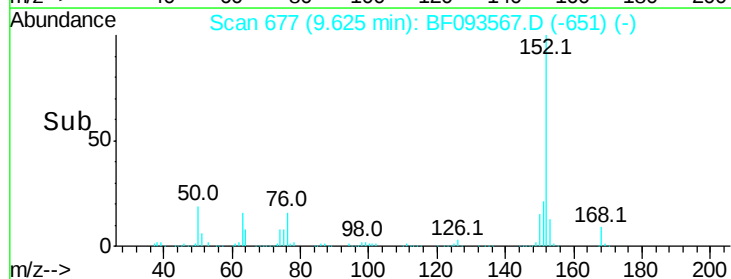
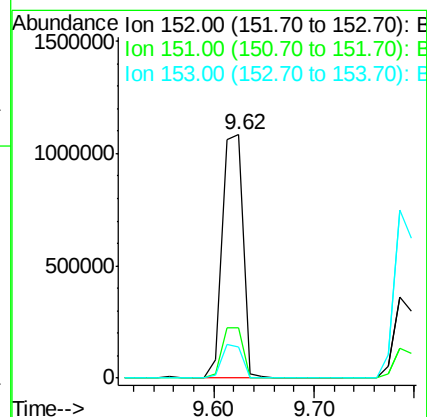
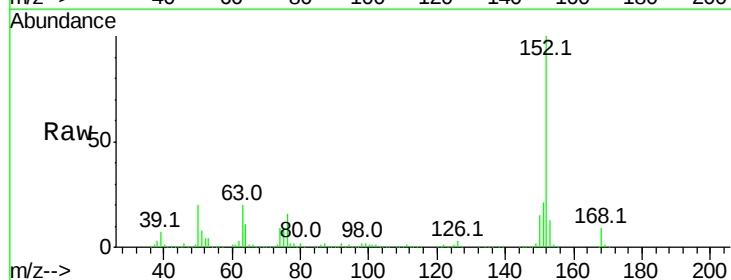
Tgt Ion: 152 Resp: 1547880

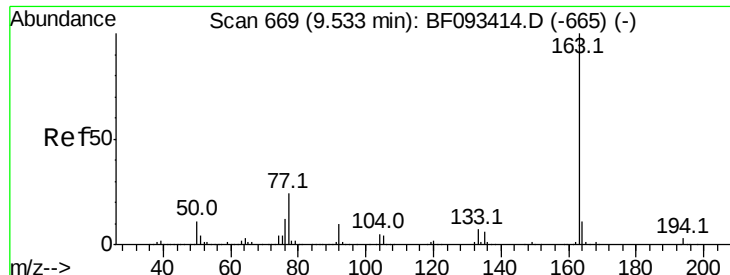
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 12.9 11.4 17.2





#49

Dimethylphthalate

Concen: 49.88 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

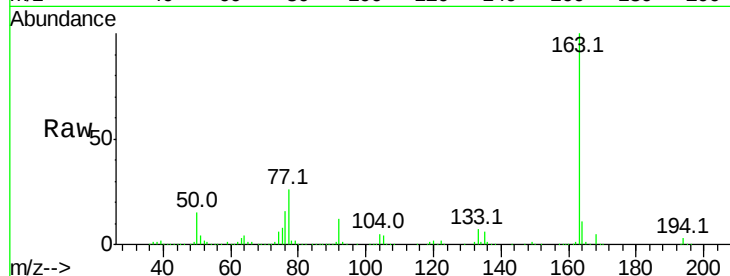
Tot Ion:163 Resp: 1206618

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

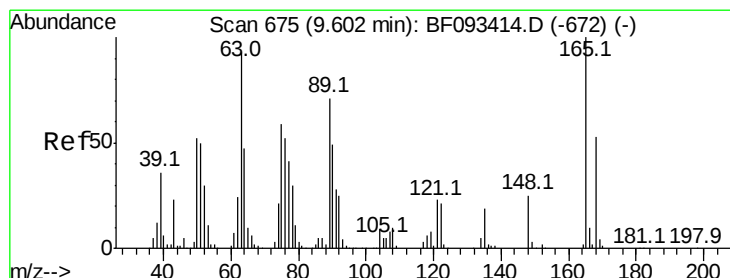
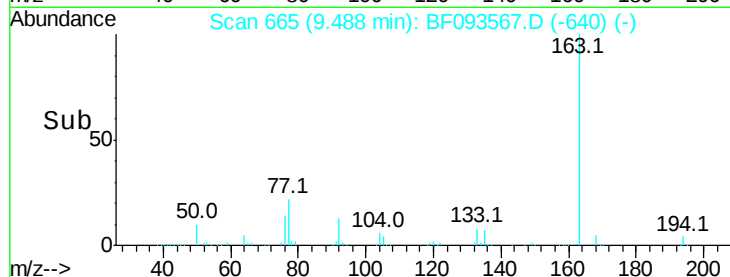
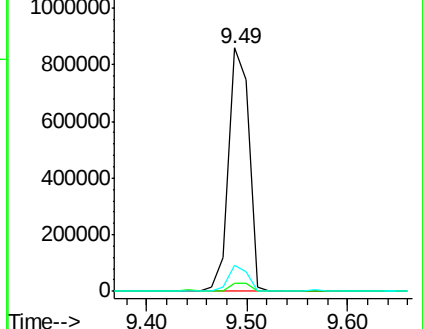
164 10.6 8.0 12.0



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: 53.66 ng

RT: 9.57 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

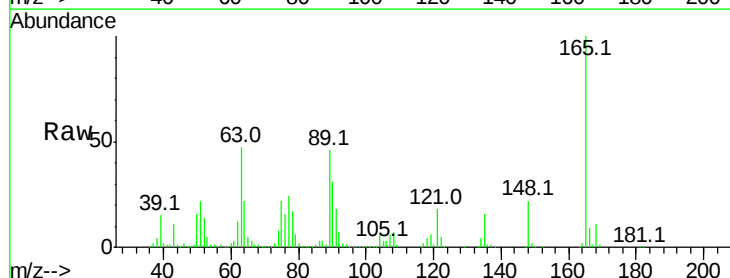
Tgt Ion:165 Resp: 284830

Ion Ratio Lower Upper

165 100

63 47.4 36.2 54.4

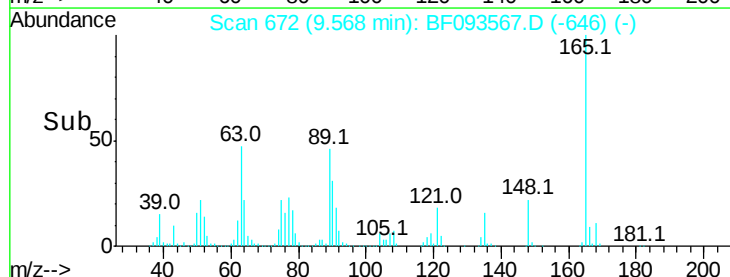
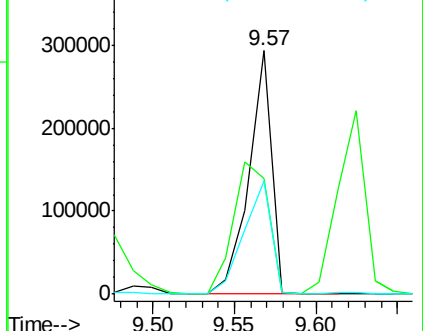
89 46.2 40.2 60.4

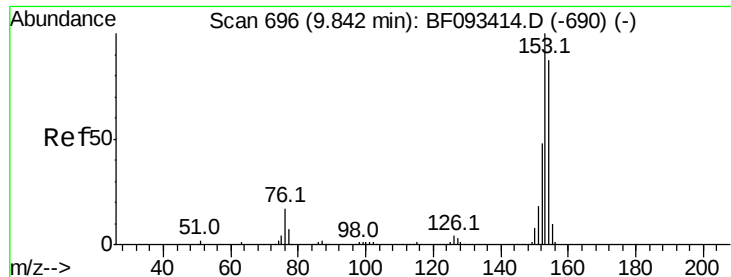


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.48 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

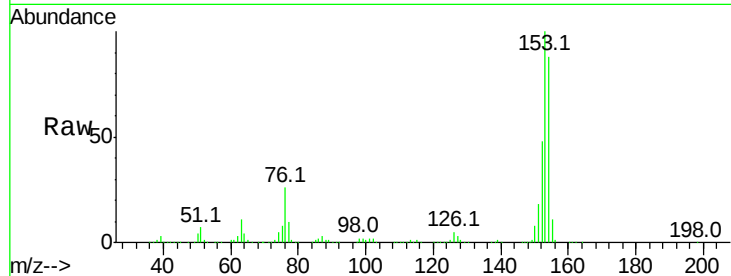
Tot Ion:154 Resp: 902398

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

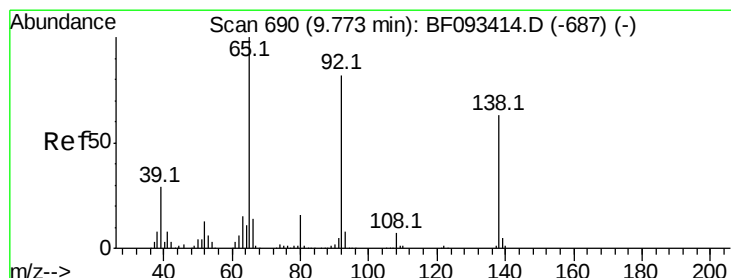
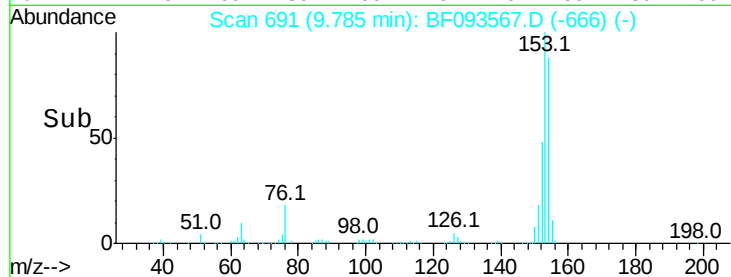
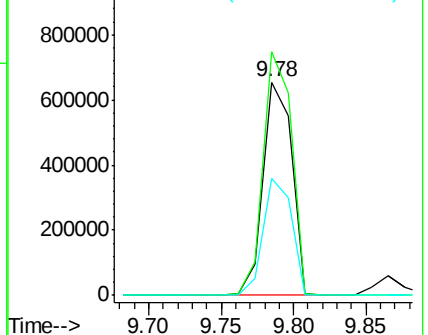
152 54.7 41.6 62.4



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: 26.05 ng

RT: 9.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

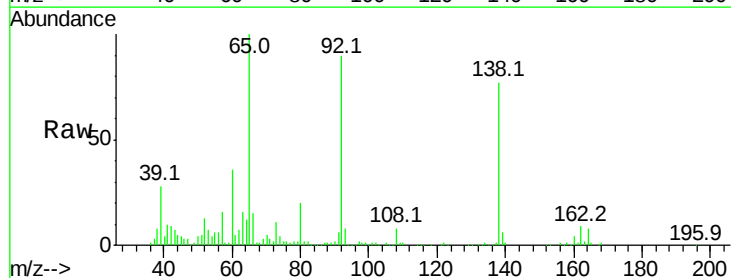
Tgt Ion:138 Resp: 166103

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

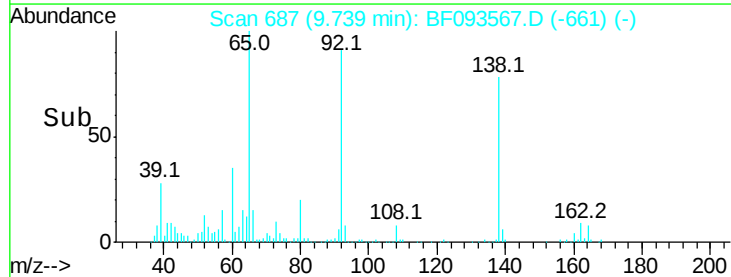
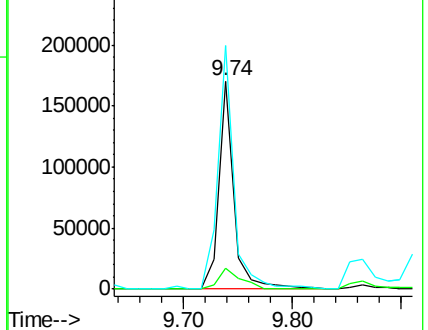
92 116.8 97.8 146.8

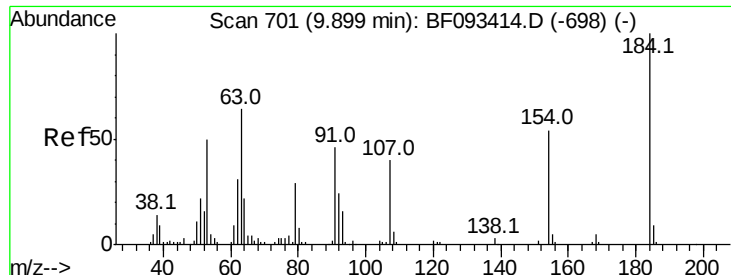


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

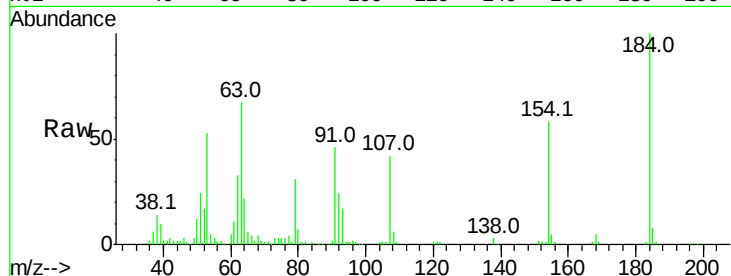




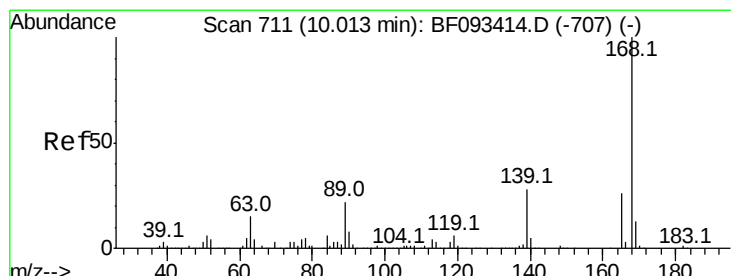
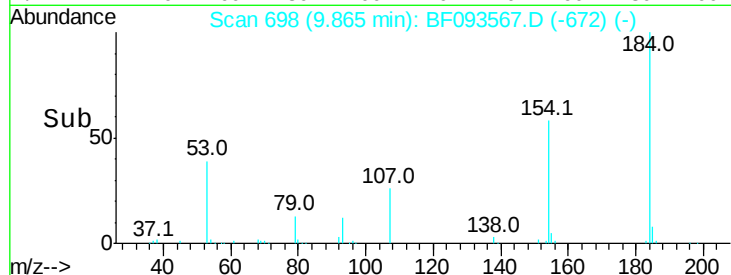
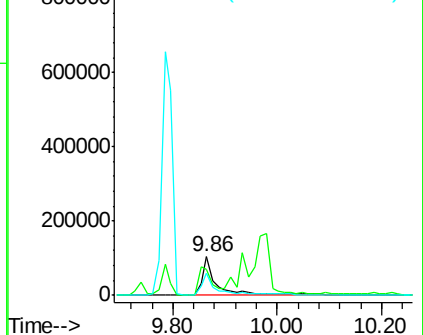
#53
 2,4-Dinitrophenol
 Concen: 90.58 ng
 RT: 9.86 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 218936
 Ion Ratio Lower Upper
 184 100
 63 67.3 28.4 42.6#
 154 58.4 44.3 66.5

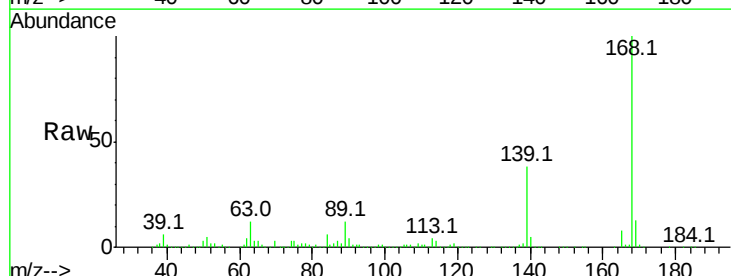


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

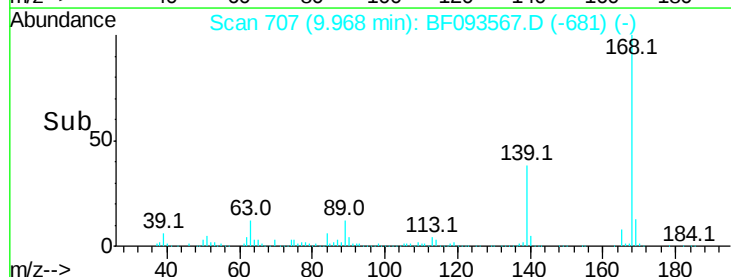
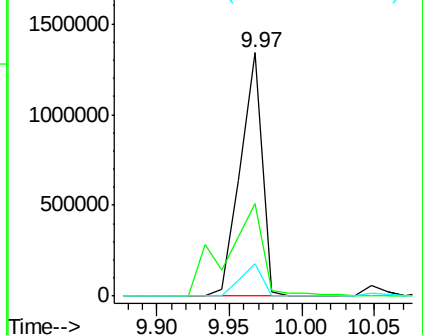


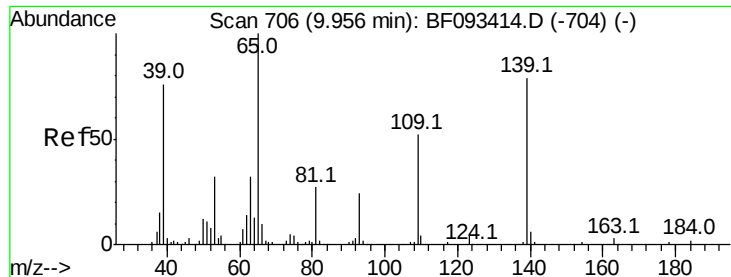
#54
 Dibenzofuran
 Concen: 56.39 ng
 RT: 9.97 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:168 Resp: 1400465
 Ion Ratio Lower Upper
 168 100
 139 37.8 32.6 49.0
 169 13.1 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

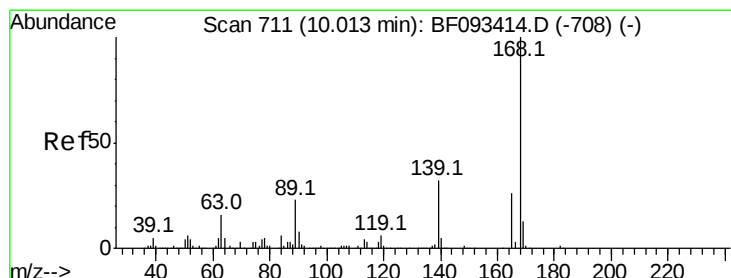
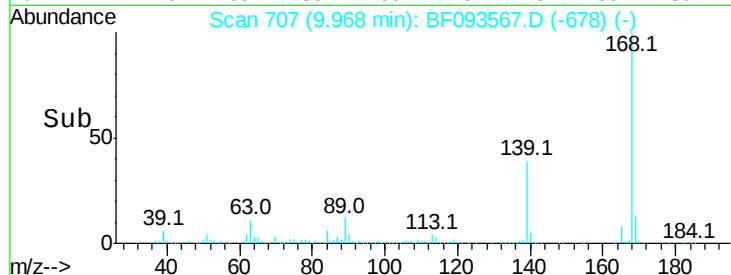
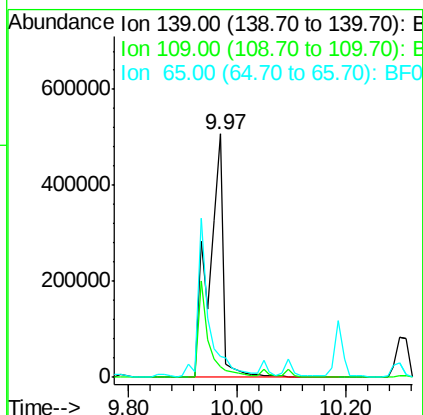
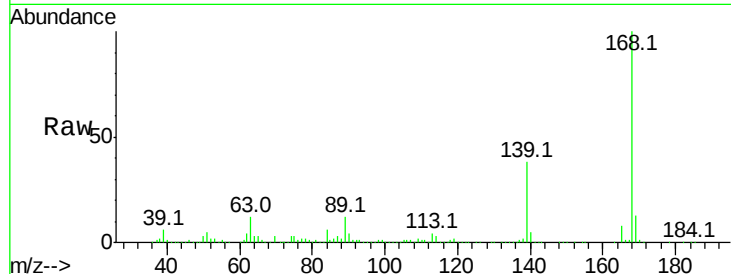




#55
4-Nitrophenol
Concen: 302.92 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

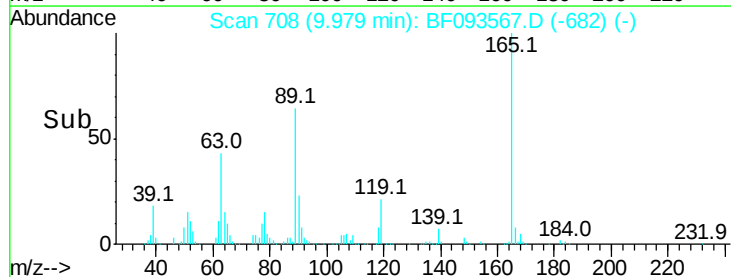
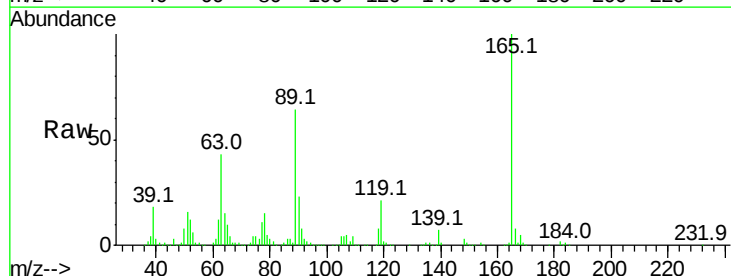
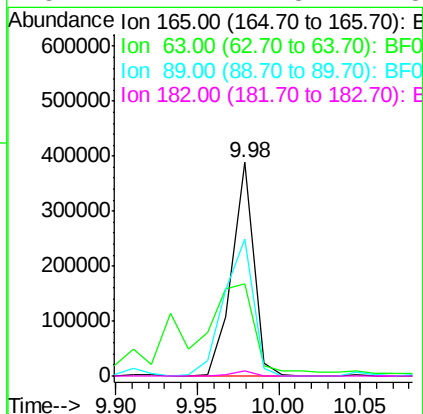
Instrument :
BNA_F
ClientSampleId :

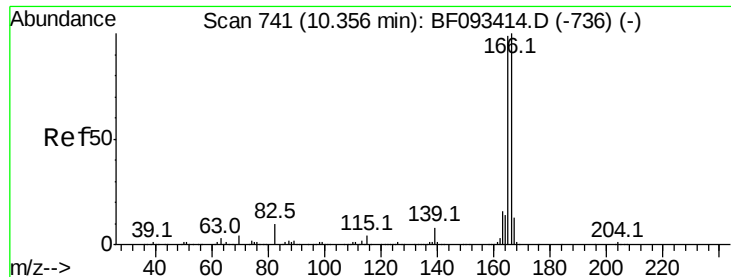
Tot Ion	Ratio	Lower	Upper
139	100		
109	4.5	52.2	92.2#
65	8.6	85.8	125.8#



#56
2,4-Dinitrotoluene
Concen: 55.26 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	40.2	60.4
89	64.4	62.5	93.7
182	2.2	1.8	2.8

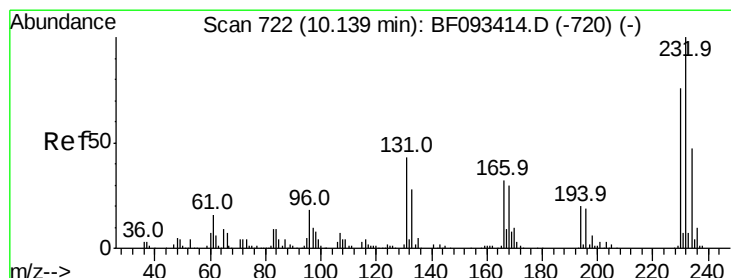
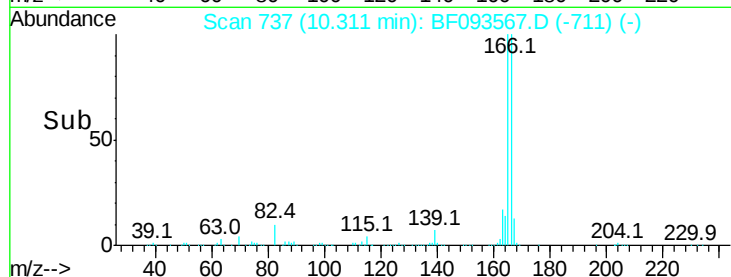
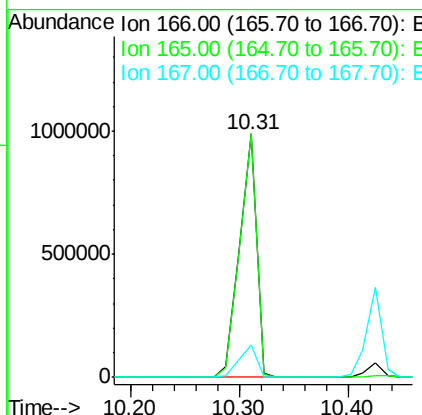
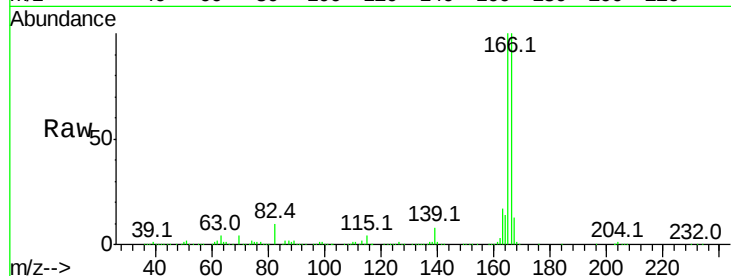




#57
 Fluorene
 Concen: 50.12 ng
 RT: 10.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

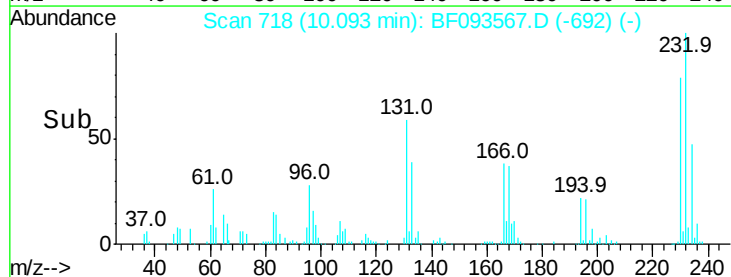
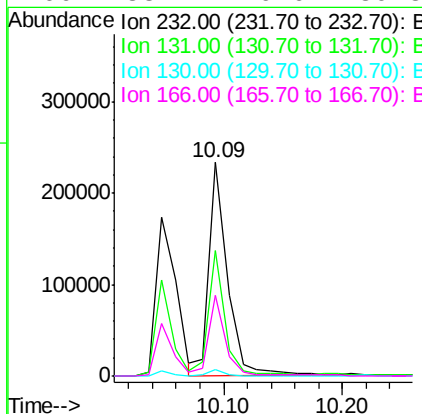
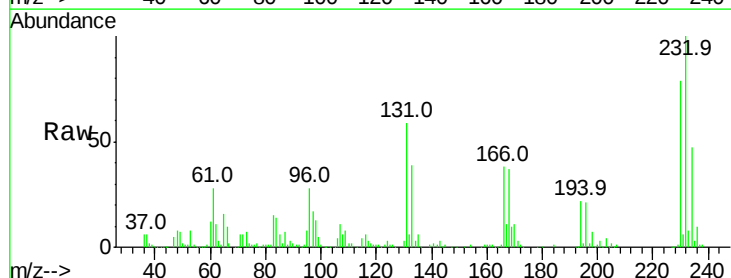
Instrument :
 BNA_F
 ClientSampled :

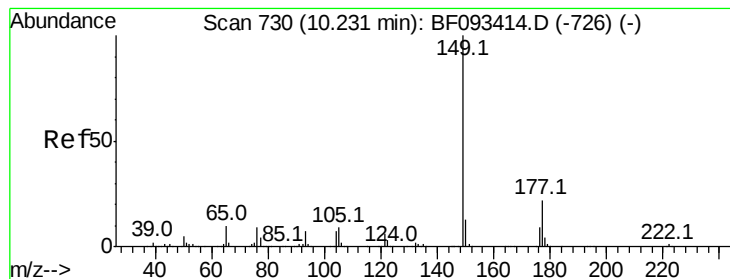
Tot Ion:166 Resp: 1054662
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.8 116.8
 167 13.2 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.84 ng
 RT: 10.09 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:232 Resp: 249067
 Ion Ratio Lower Upper
 232 100
 131 54.2 40.1 60.1
 130 2.7 1.8 2.8
 166 33.4 26.6 39.8





#59

Diethylphthalate

Concen: 48.81 ng

RT: 10.18 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampled :

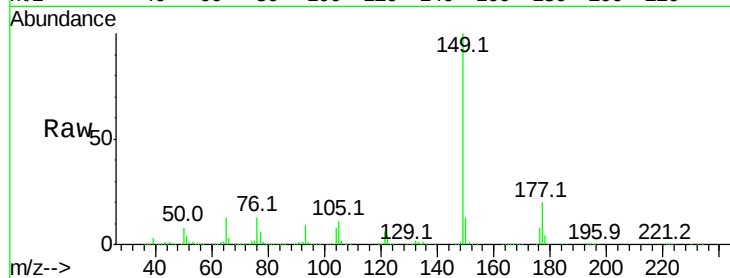
Tot Ion:149 Resp: 1128466

Ion Ratio Lower Upper

149 100

177 20.4 16.6 25.0

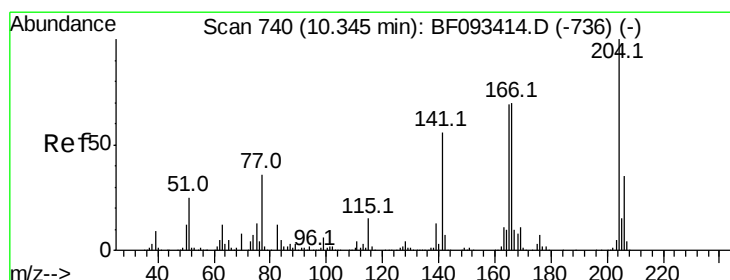
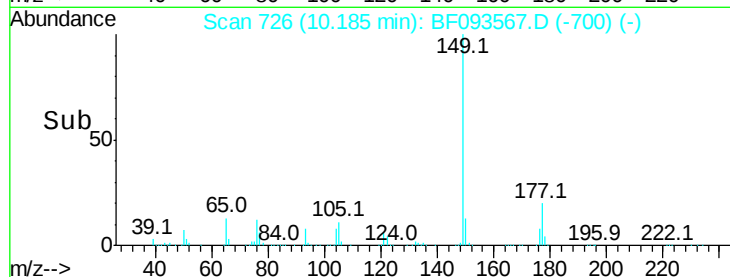
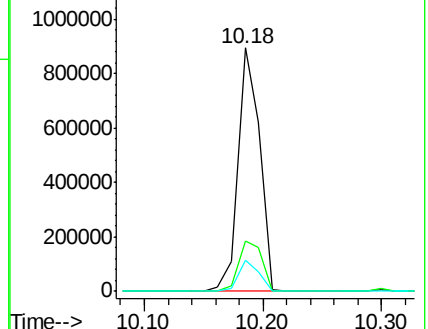
150 12.8 10.4 15.6



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: 51.17 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

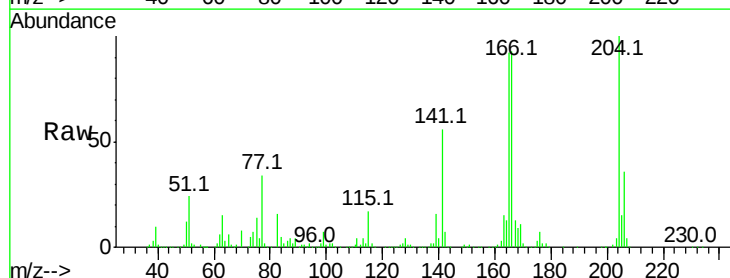
Tgt Ion:204 Resp: 482704

Ion Ratio Lower Upper

204 100

206 35.8 25.8 38.6

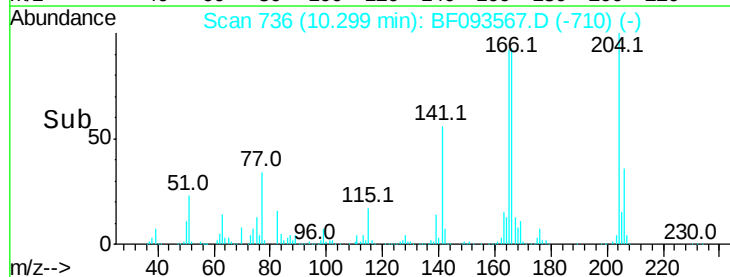
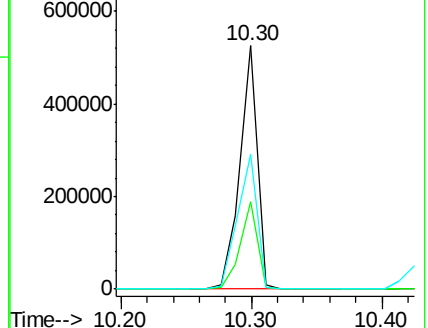
141 55.6 59.4 89.0#

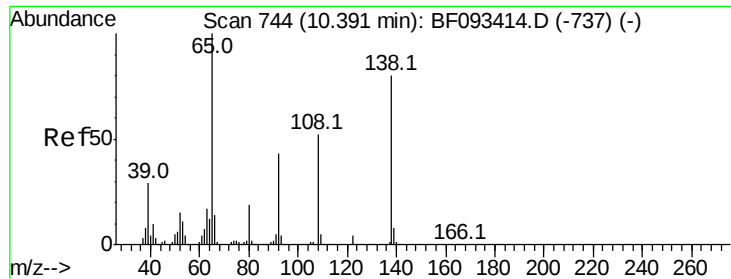


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

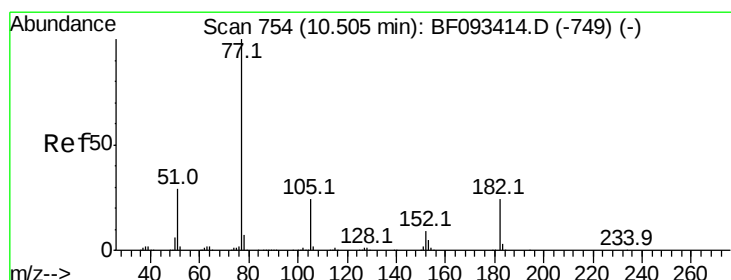
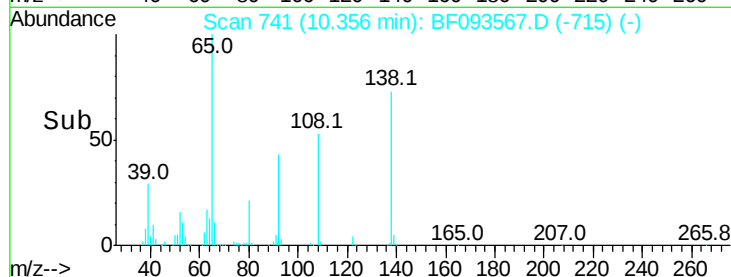
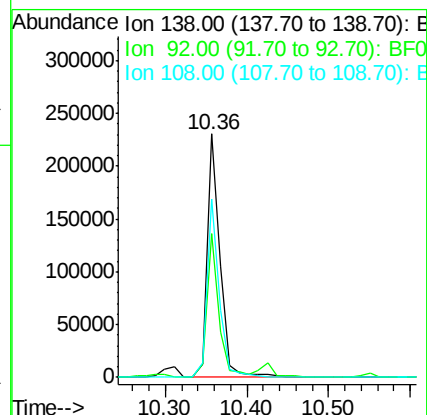
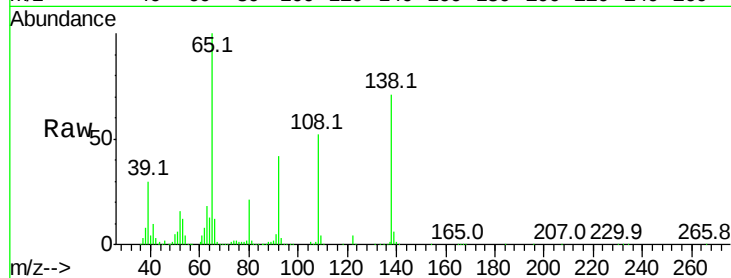




#61
4-Nitroaniline
Concen: 39.61 ng
RT: 10.36 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

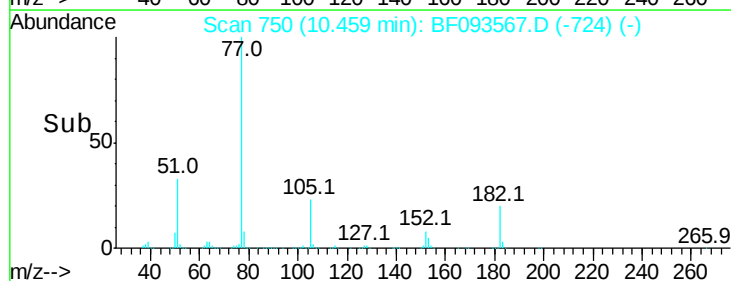
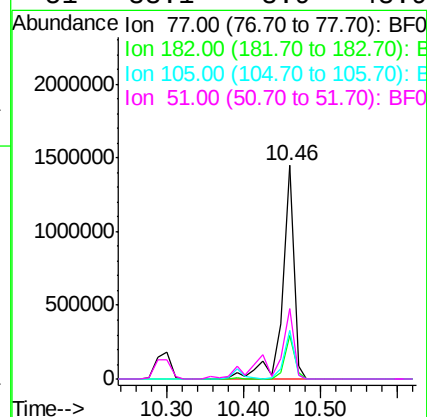
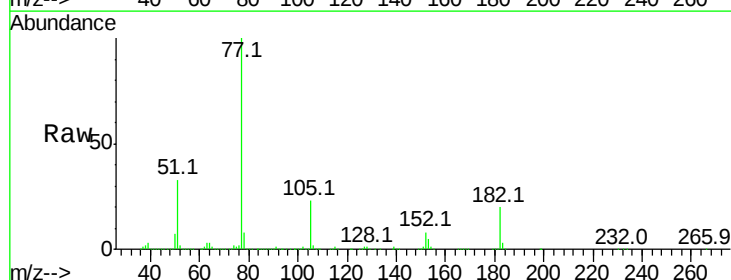
Instrument :
BNA_F
ClientSampleId :

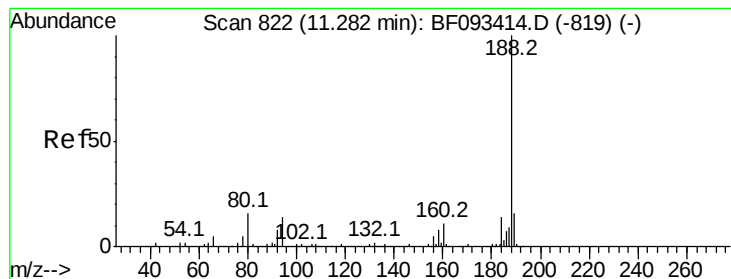
Tot Ion:138 Resp: 258334
Ion Ratio Lower Upper
138 100
92 59.2 31.7 71.7
108 73.2 52.6 92.6



#62
Azobenzene
Concen: 56.85 ng
RT: 10.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion: 77 Resp: 1493319
Ion Ratio Lower Upper
77 100
182 20.4 0.0 39.3
105 22.7 2.3 42.3
51 33.1 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

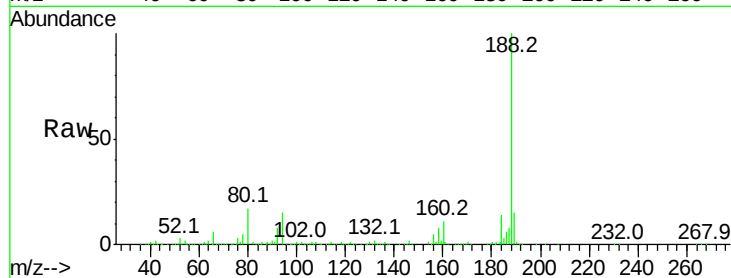
Tot Ion:188 Resp: 646236

Ion Ratio Lower Upper

188 100

94 15.3 10.0 15.0#

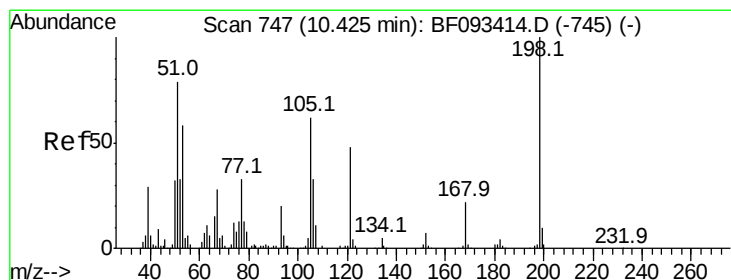
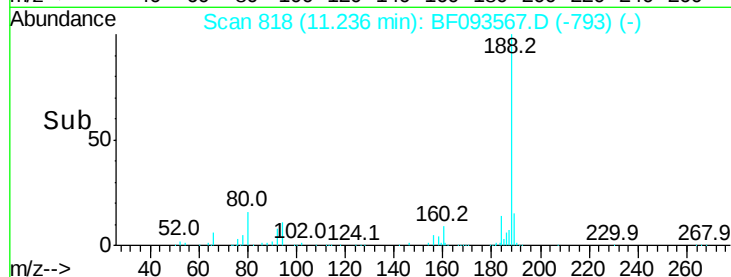
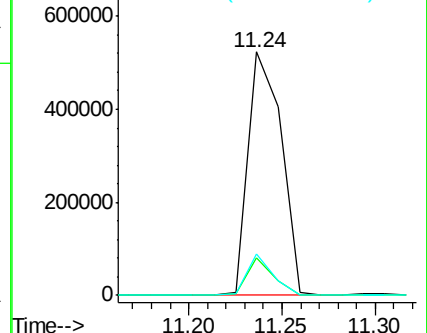
80 17.0 11.2 16.8#



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: 42.11 ng

RT: 10.39 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

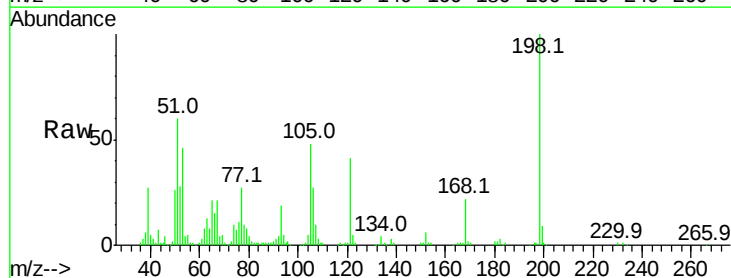
Tgt Ion:198 Resp: 176325

Ion Ratio Lower Upper

198 100

51 59.7 6.7 46.7#

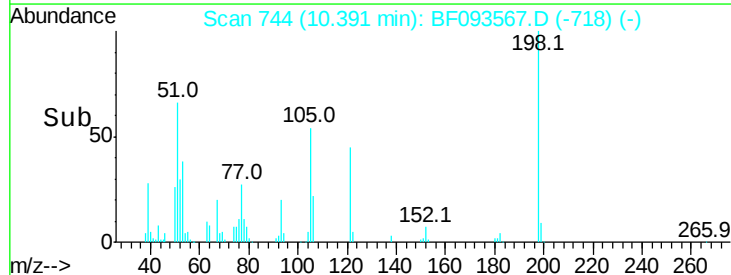
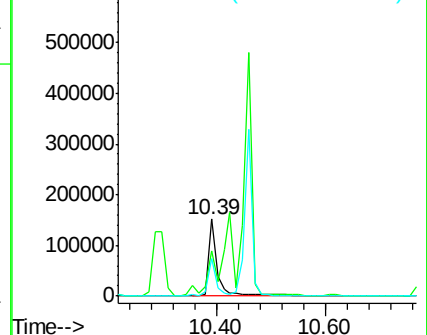
105 48.1 16.6 56.6

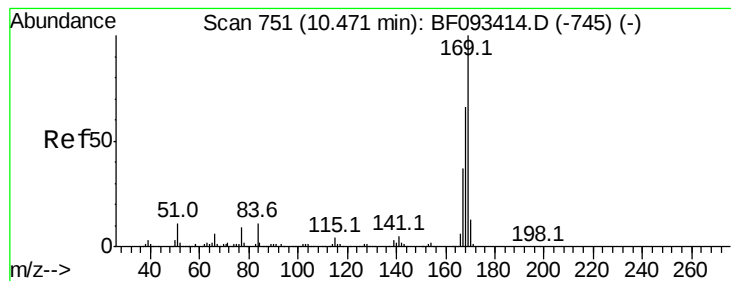


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.85 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

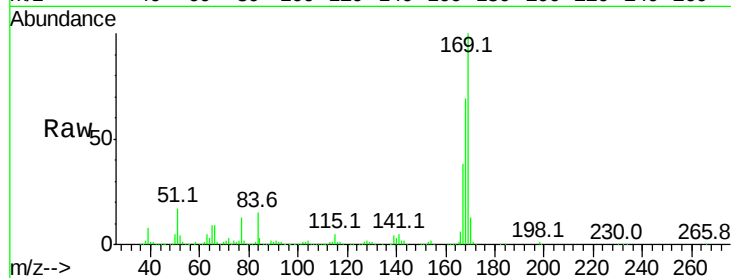
Tot Ion:169 Resp: 924700

Ion Ratio Lower Upper

169 100

168 68.8 54.2 81.2

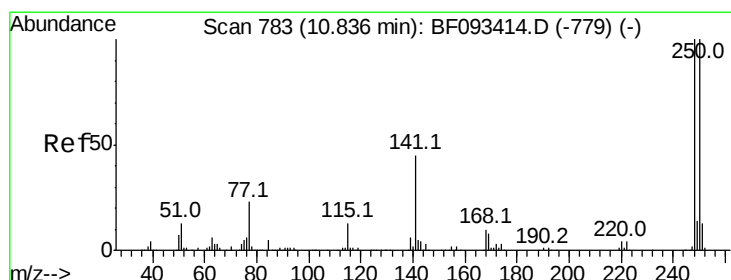
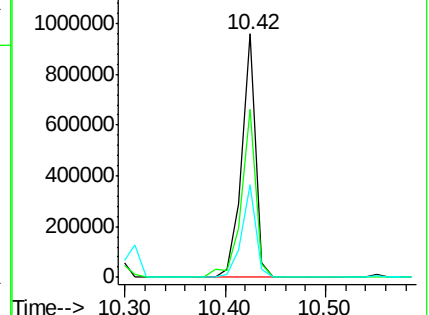
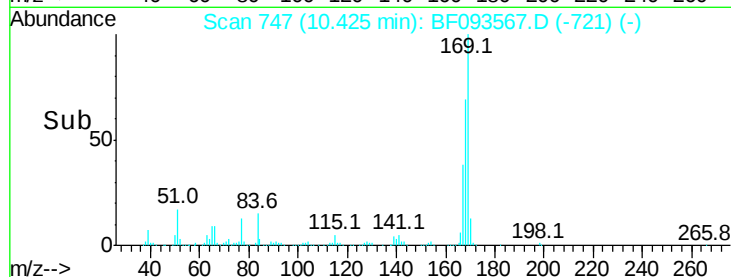
167 38.1 30.2 45.4



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: 42.37 ng

RT: 10.79 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

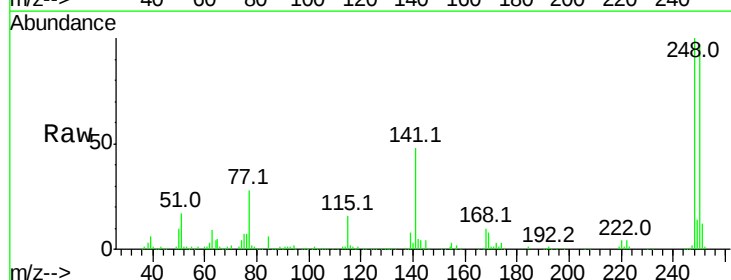
Tgt Ion:248 Resp: 289574

Ion Ratio Lower Upper

248 100

250 97.3 76.9 115.3

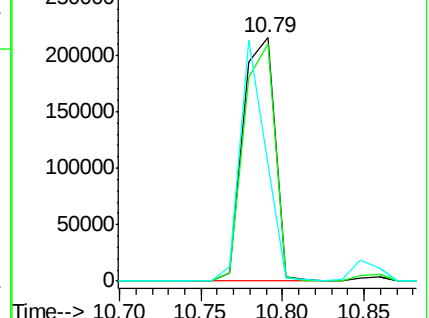
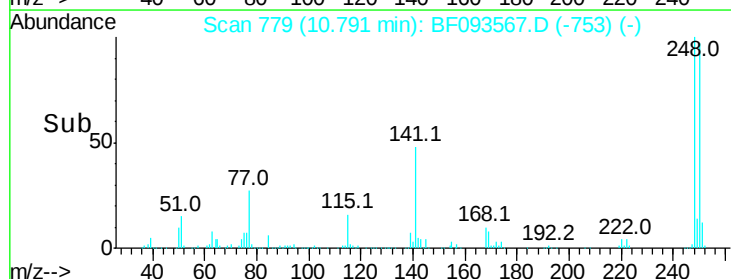
141 48.2 68.2 102.4#

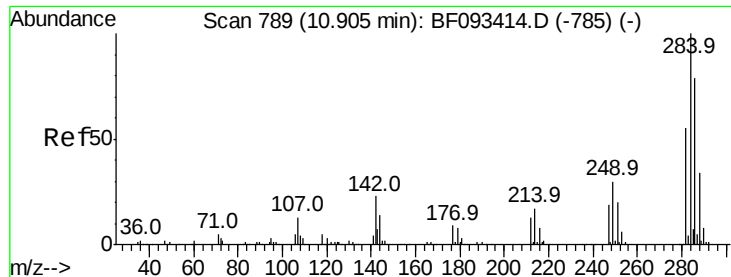


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.41 ng

RT: 10.86 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

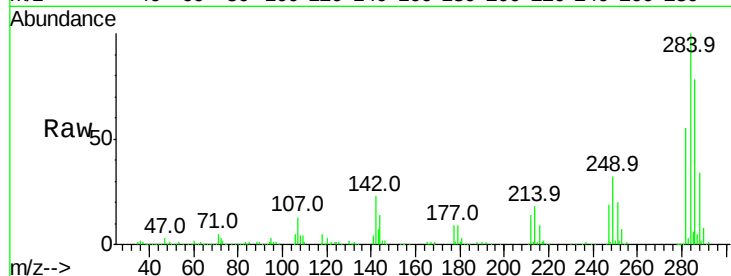
Tot Ion:284 Resp: 283247

Ion Ratio Lower Upper

284 100

142 23.5 22.6 33.8

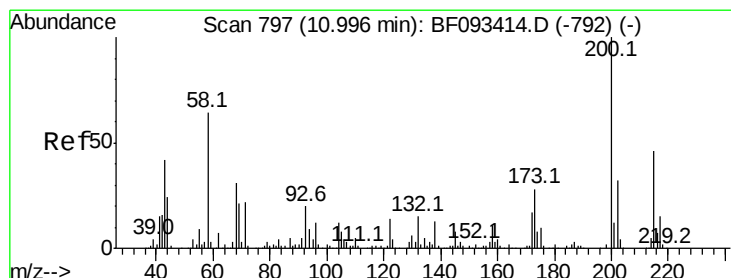
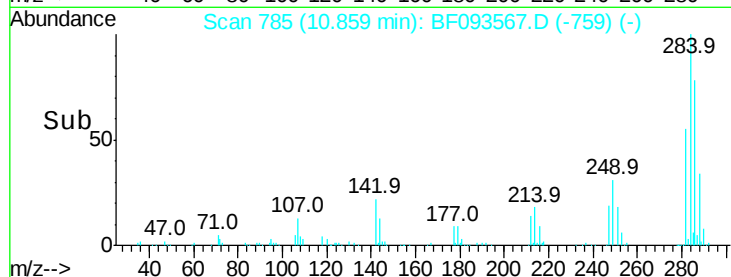
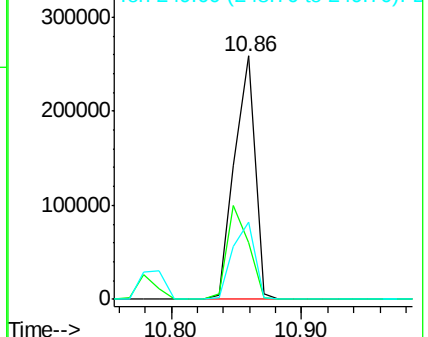
249 31.8 25.4 38.0



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: 45.41 ng

RT: 10.95 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

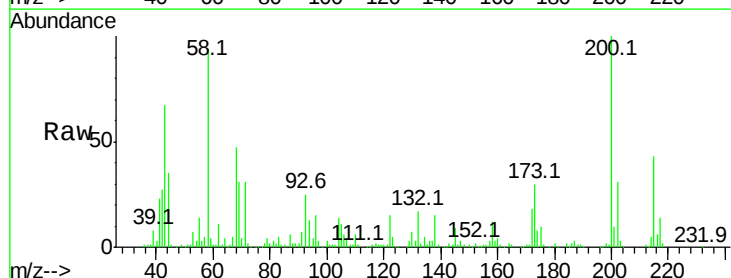
Tgt Ion:200 Resp: 286805

Ion Ratio Lower Upper

200 100

173 30.0 9.6 49.6

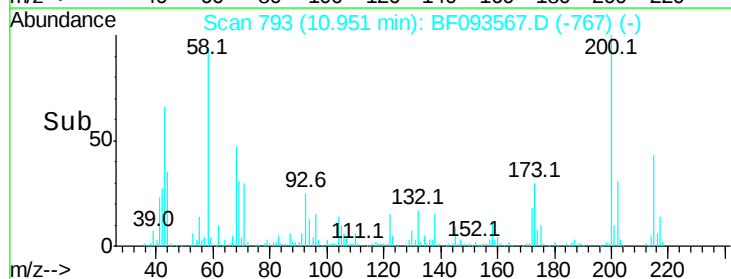
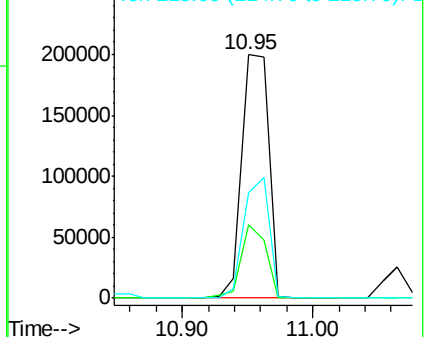
215 43.5 25.7 65.7

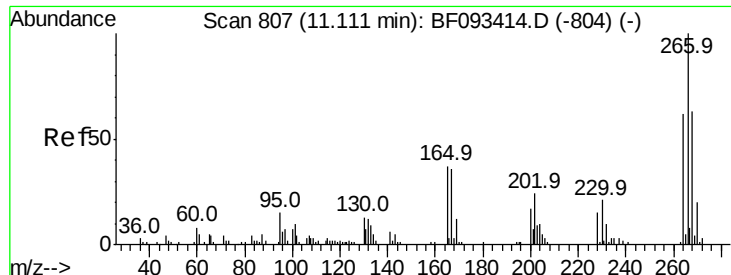


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

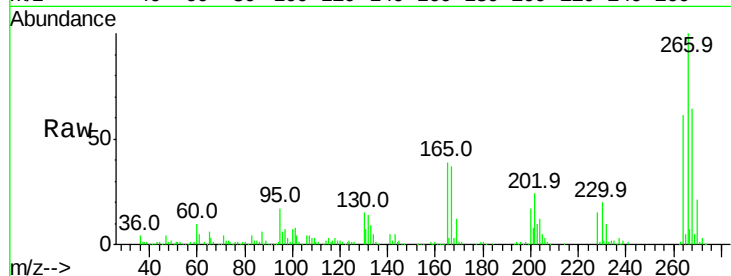




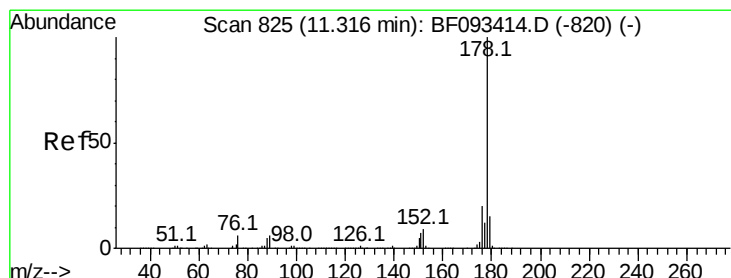
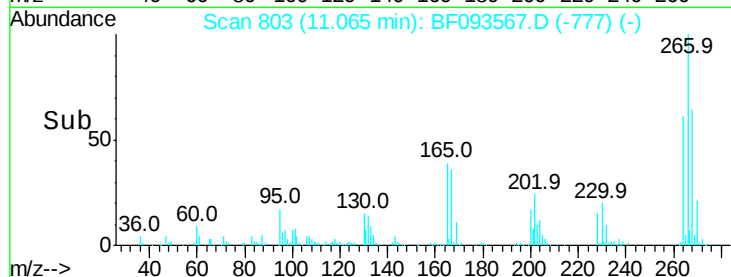
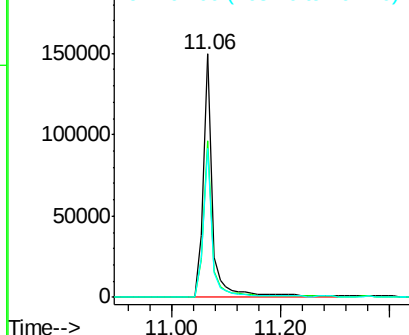
#69
 Pentachlorophenol
 Concen: 80.03 ng
 RT: 11.06 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 180313
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.3 79.9
 264 61.2 50.3 75.5

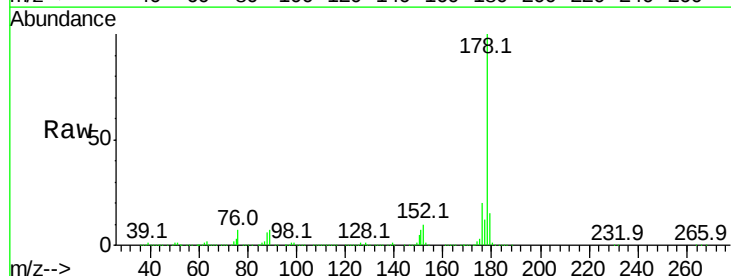


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

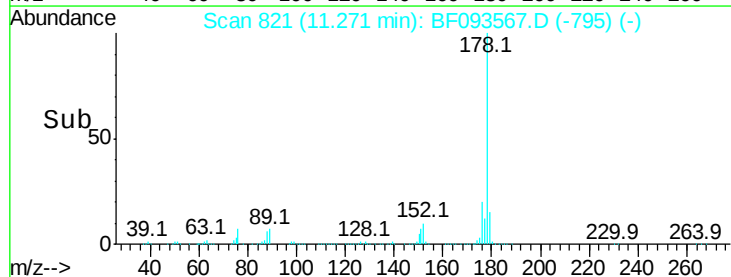
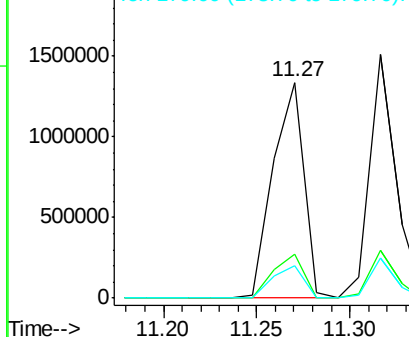


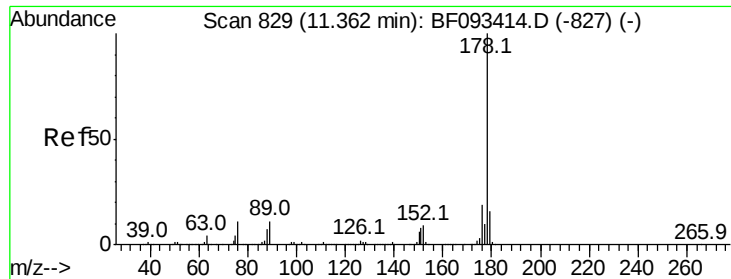
#70
 Phenanthrene
 Concen: 42.10 ng
 RT: 11.27 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:178 Resp: 1552876
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.6 25.0
 179 15.3 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

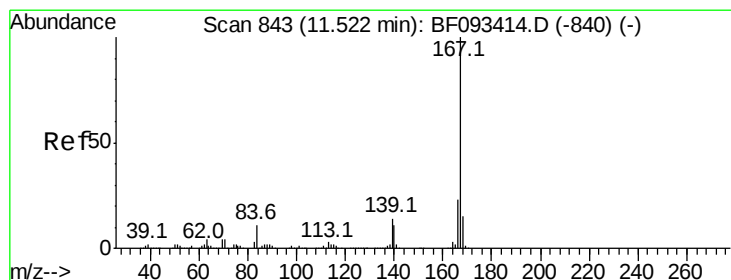
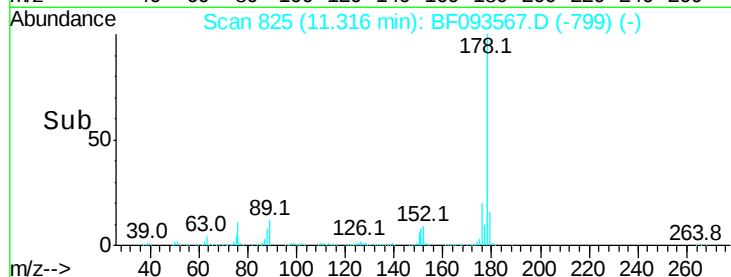
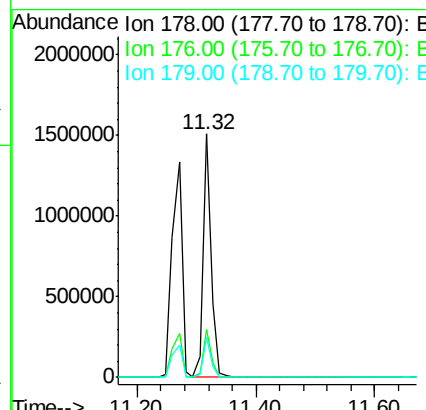
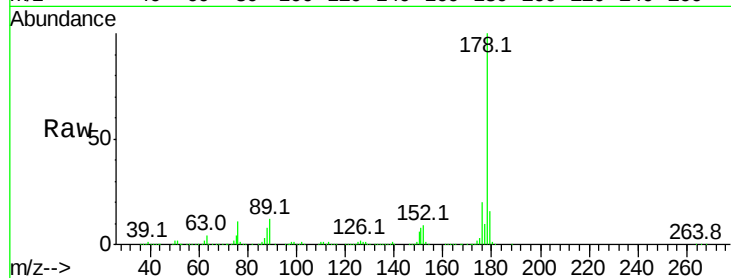




#71
 Anthracene
 Concen: 39.60 ng
 RT: 11.32 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

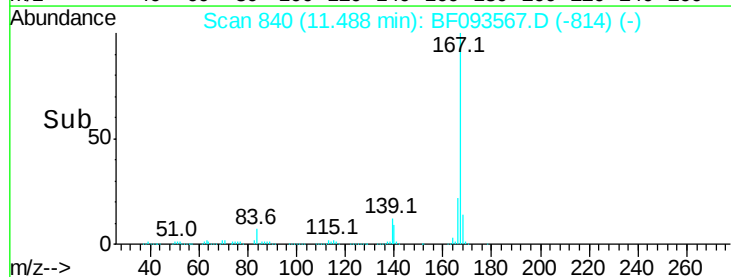
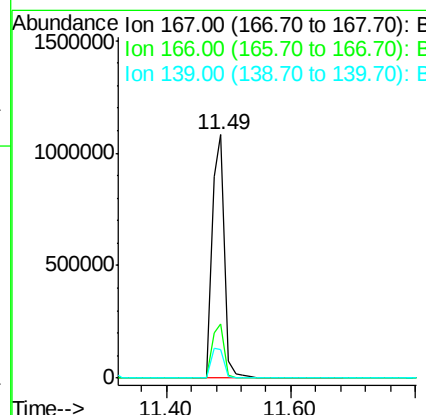
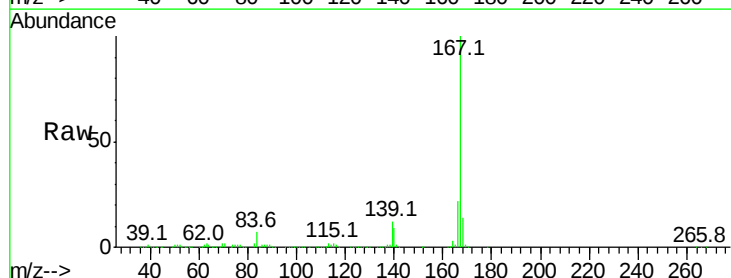
Instrument :
 BNA_F
 ClientSampleId :

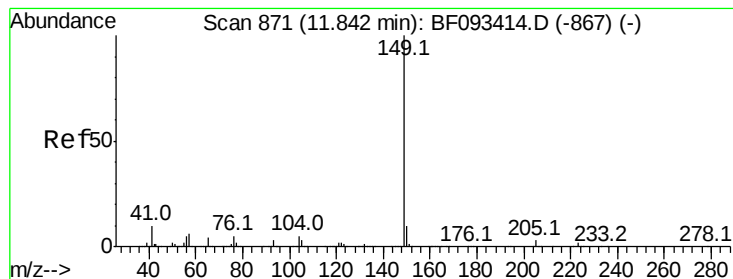
Tot Ion:178 Resp: 1477648
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.3 13.2 19.8



#72
 Carbazole
 Concen: 41.31 ng
 RT: 11.49 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:167 Resp: 1447940
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 11.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.14 ng

RT: 11.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

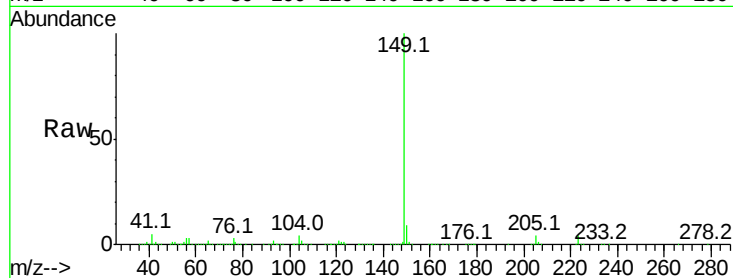
Tot Ion:149 Resp: 1789940

Ion Ratio Lower Upper

149 100

150 8.8 8.1 12.1

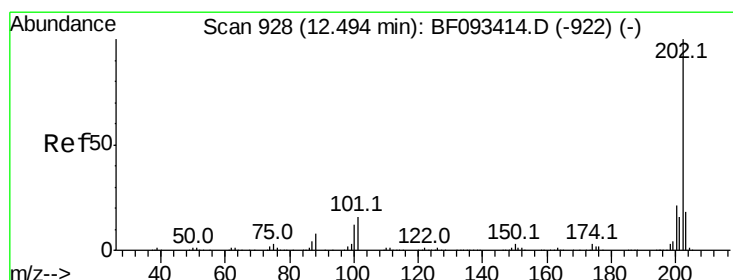
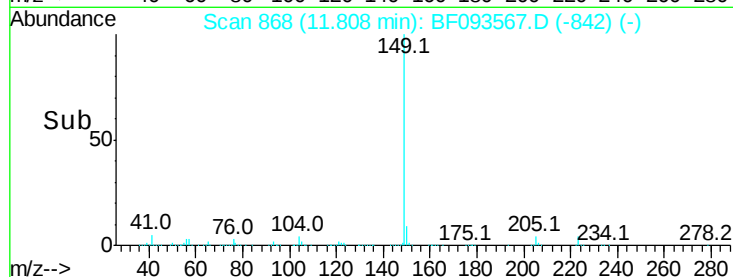
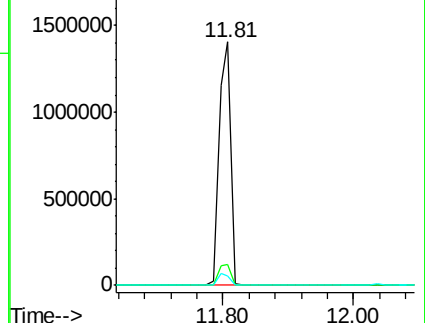
104 3.9 4.6 7.0#



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: 40.51 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

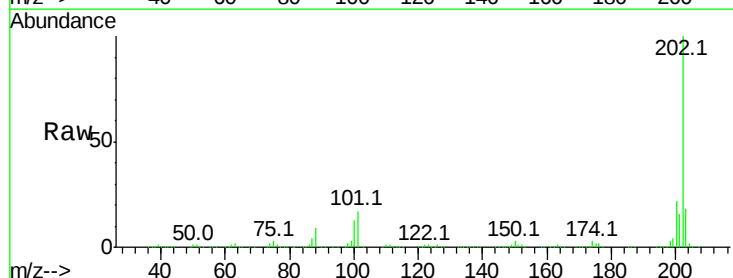
Tgt Ion:202 Resp: 1443471

Ion Ratio Lower Upper

202 100

101 17.1 0.0 34.6

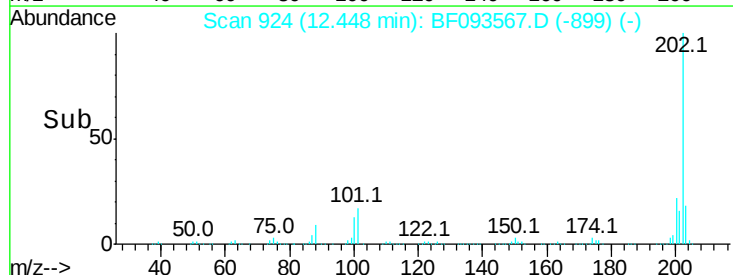
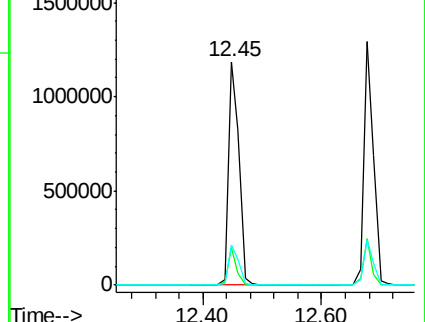
203 18.2 0.0 38.7

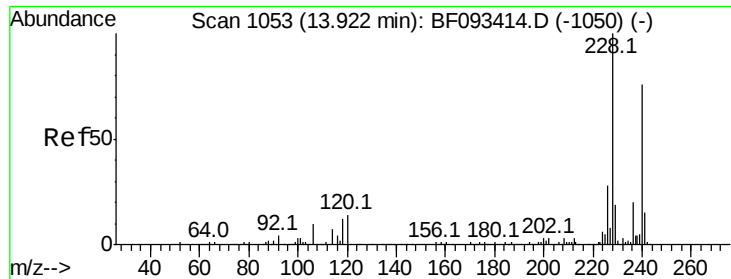


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

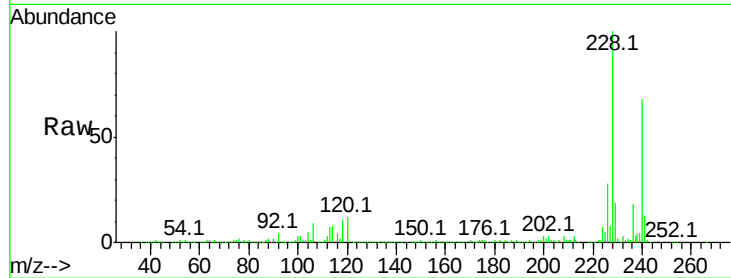
Tot Ion:240 Resp: 465123

Ion Ratio Lower Upper

240 100

120 18.5 12.9 19.3

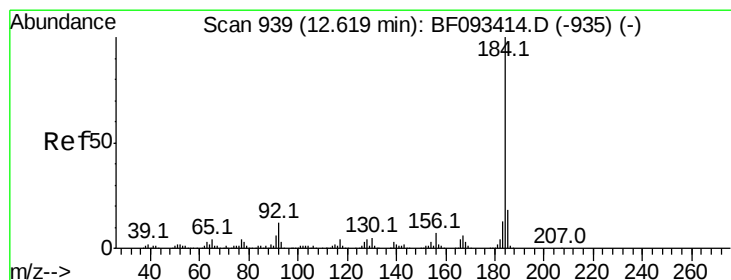
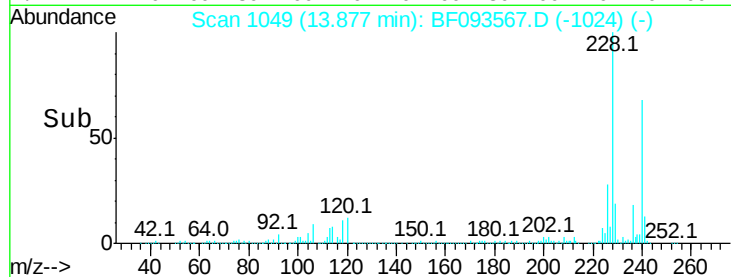
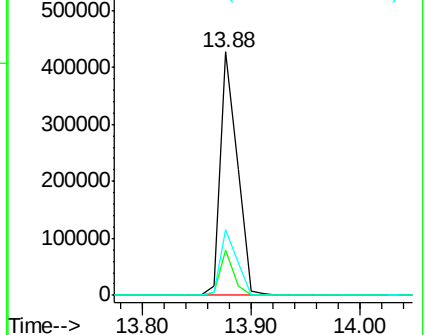
236 26.8 20.9 31.3



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: 25.35 ng

RT: 12.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

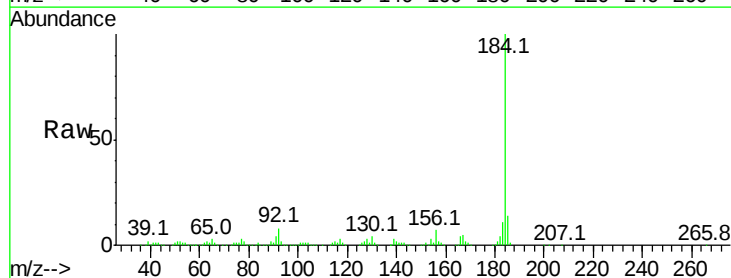
Tgt Ion:184 Resp: 387739

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.0

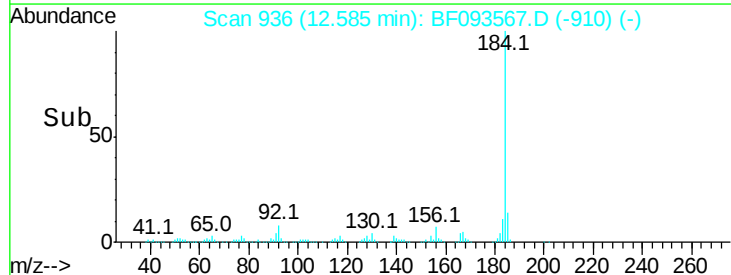
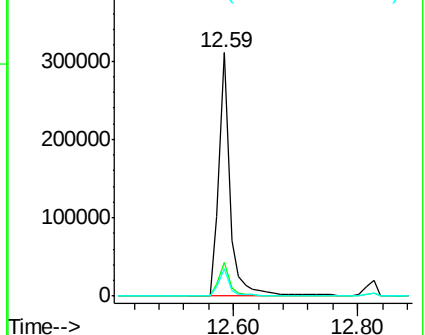
183 11.4 9.2 13.8

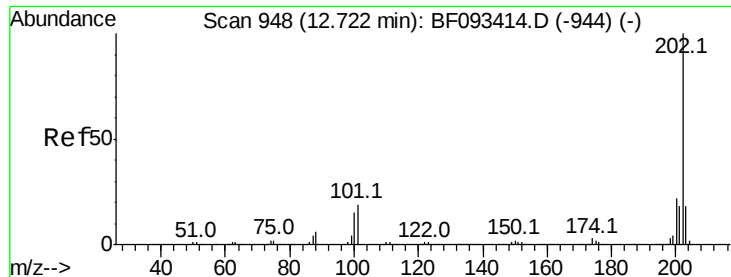


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

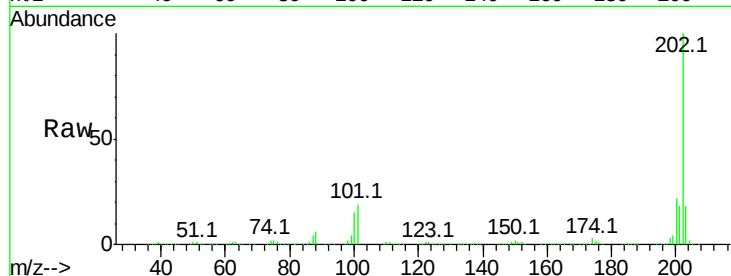




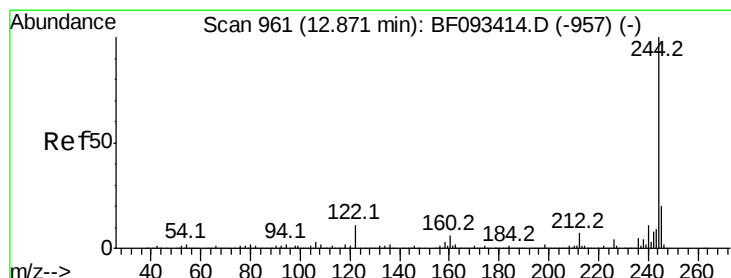
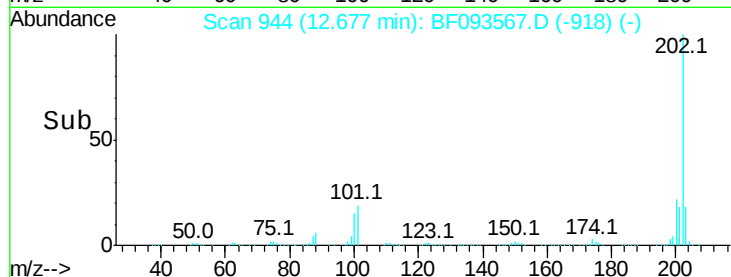
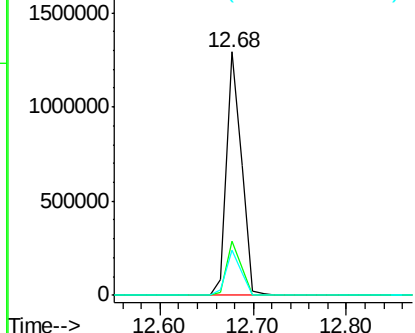
#77
Pvrene
Concen: 42.59 ng
RT: 12.68 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1440834
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 18.4 14.7 22.1

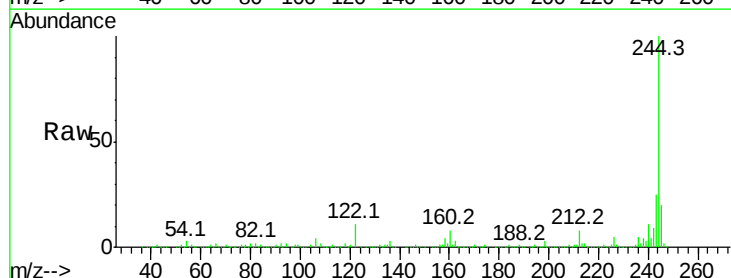


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

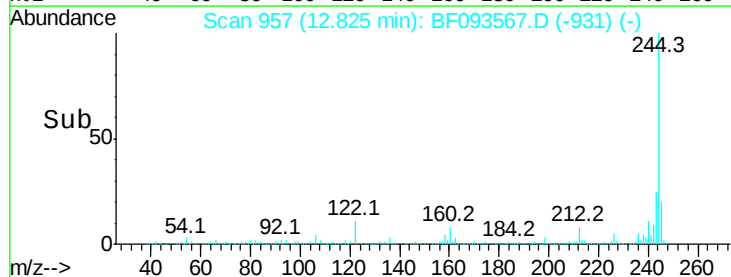
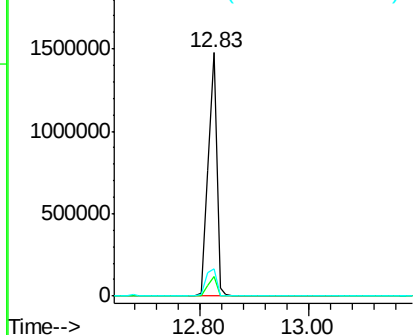


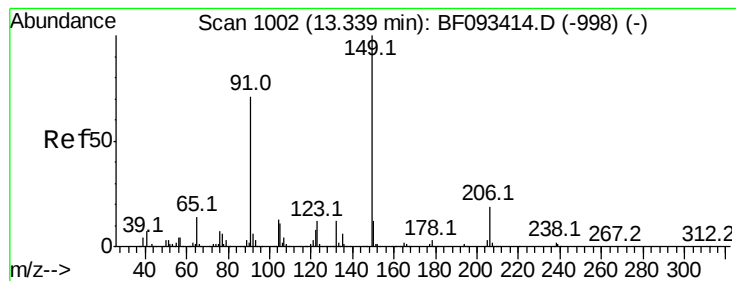
#78
Terphenyl-d14
Concen: 89.20 ng
RT: 12.83 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:244 Resp: 1595728
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 11.3 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: 49.88 ng

RT: 13.29 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampled :

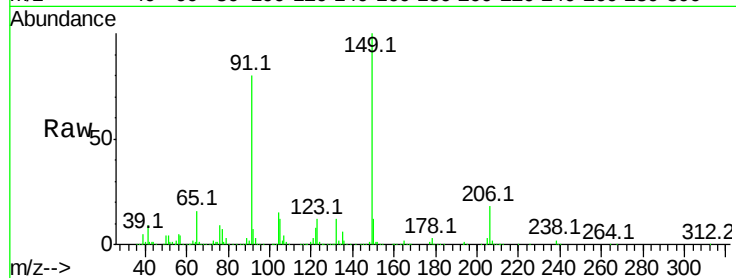
Tot Ion:149 Resp: 710316

Ion Ratio Lower Upper

149 100

91 79.8 63.9 95.9

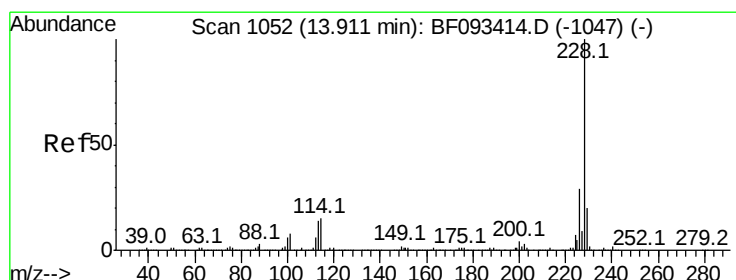
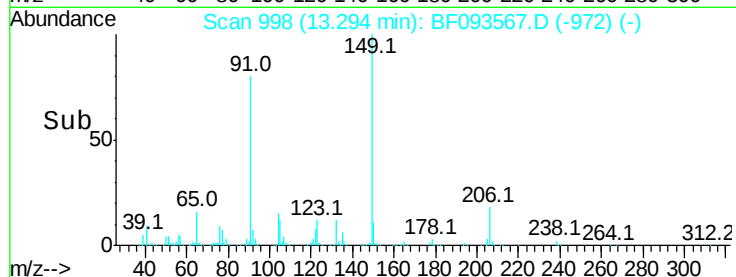
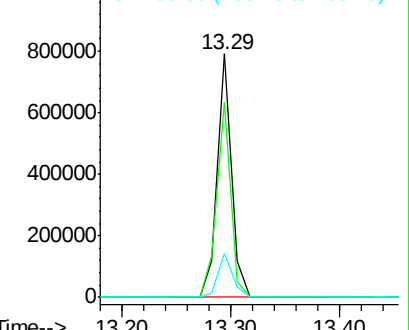
206 18.1 14.6 21.8



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: 42.46 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

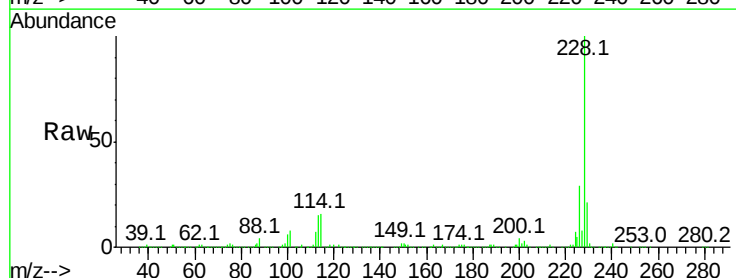
Tgt Ion:228 Resp: 1166347

Ion Ratio Lower Upper

228 100

226 29.0 22.4 33.6

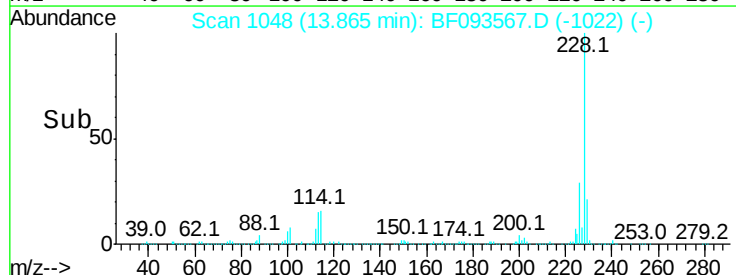
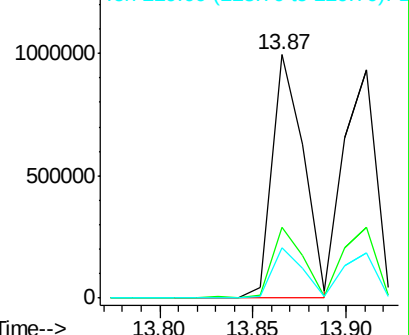
229 20.6 16.2 24.4

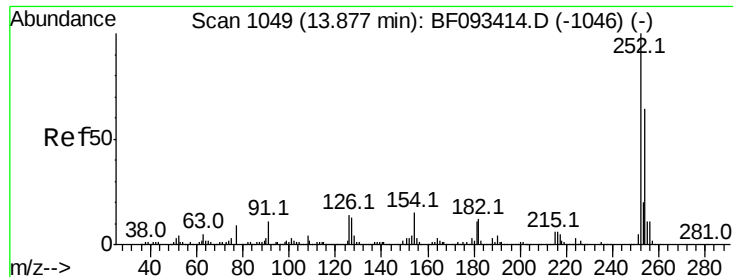


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

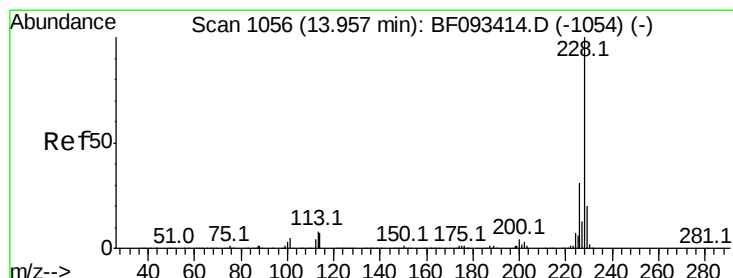
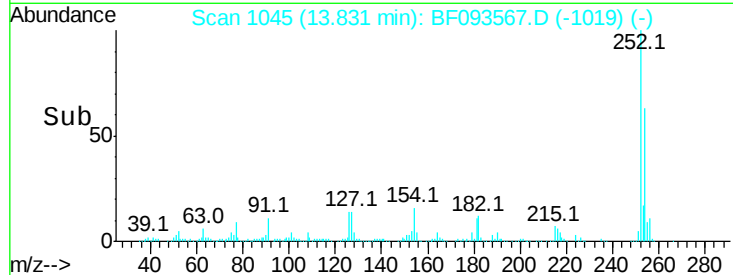
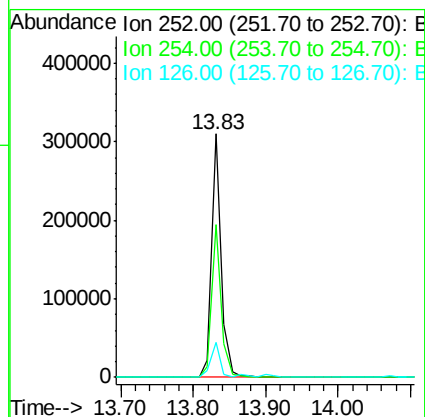
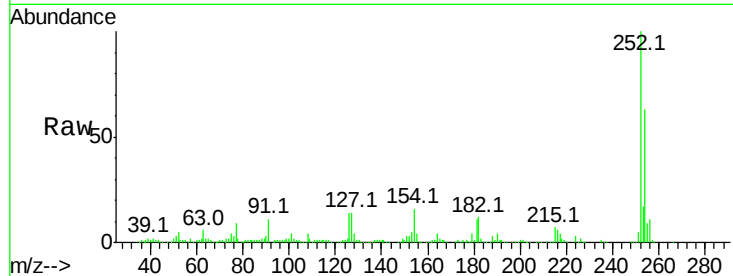




#81
 3,3'-Dichlorobenzidine
 Concen: 29.53 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

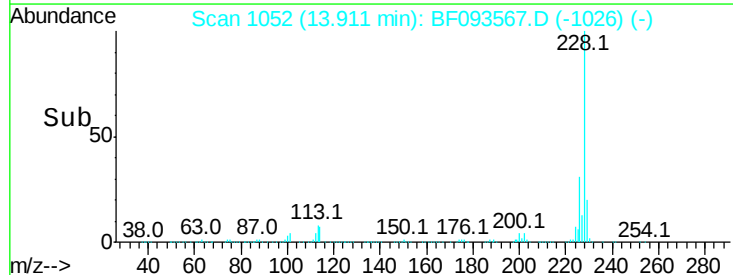
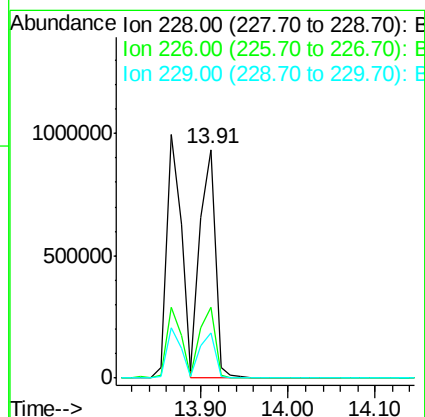
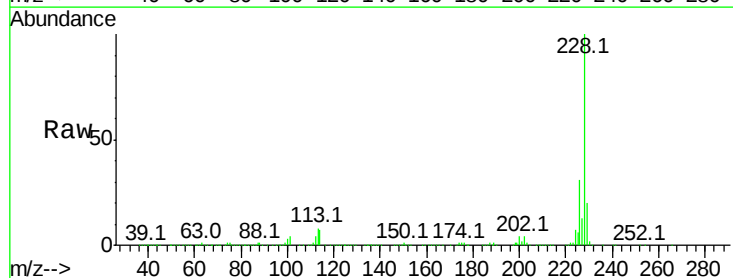
Instrument :
 BNA_F
 ClientSampleId :

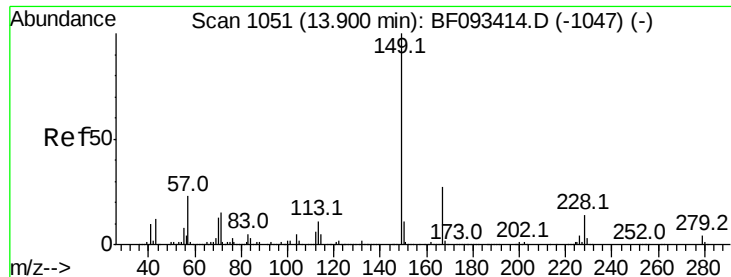
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	52.3	78.5
126	14.4	13.6	20.4



#82
 Chrysene
 Concen: 44.84 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.7	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.40 ng

RT: 13.85 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

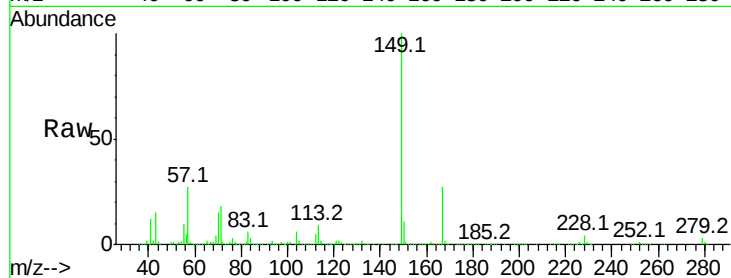
Tot Ion:149 Resp: 1020152

Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.4

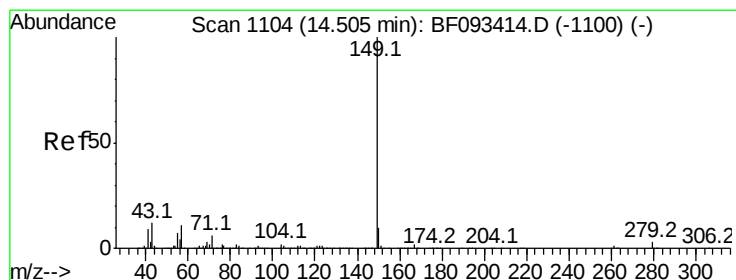
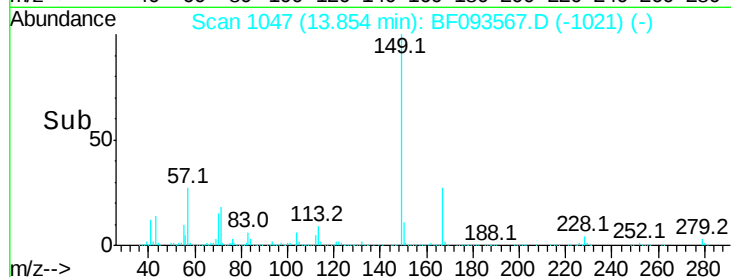
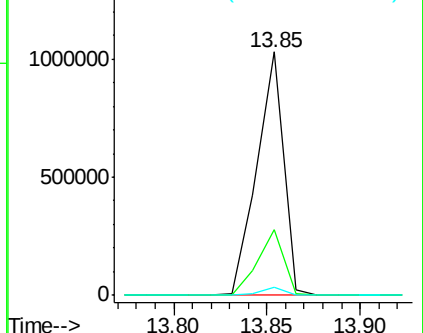
279 3.2 1.8 2.8#



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: 45.29 ng

RT: 14.46 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

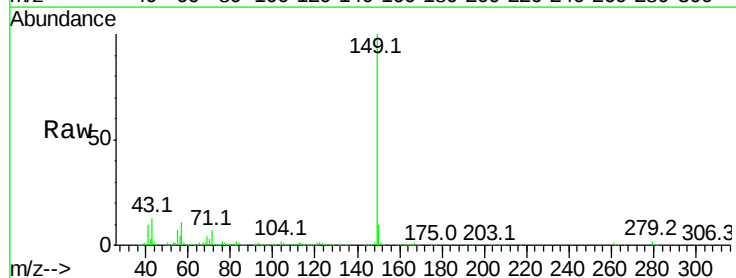
Tgt Ion:149 Resp: 1498148

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

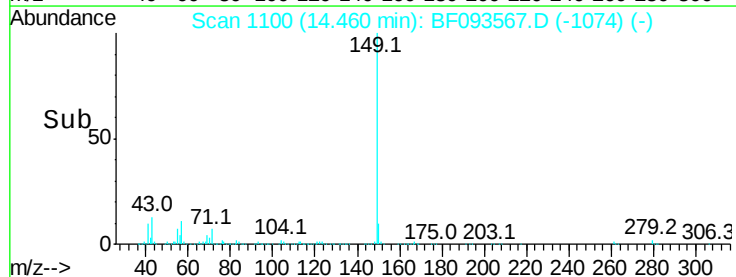
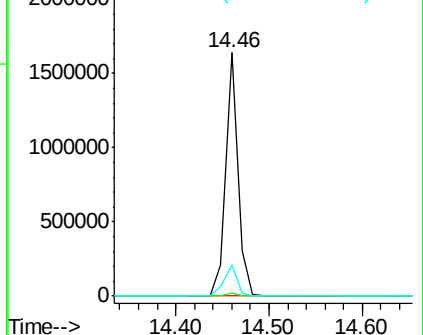
43 13.3 8.9 13.3

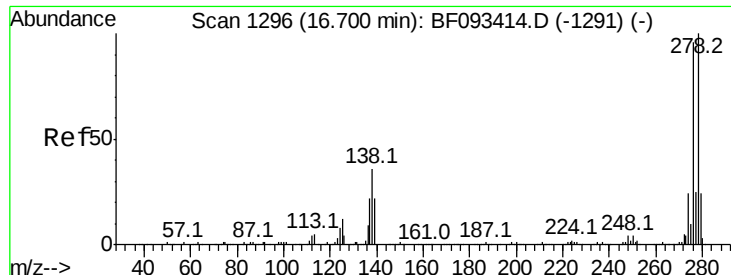


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

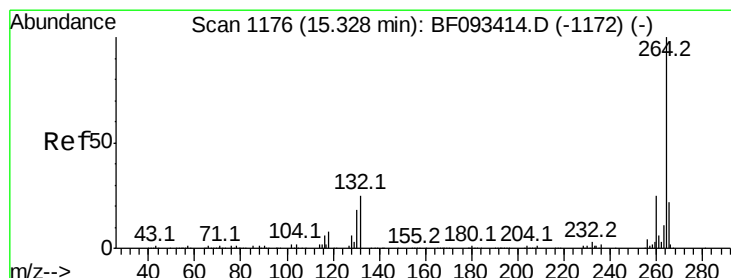
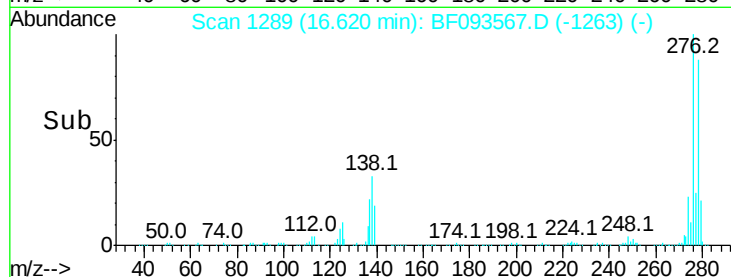
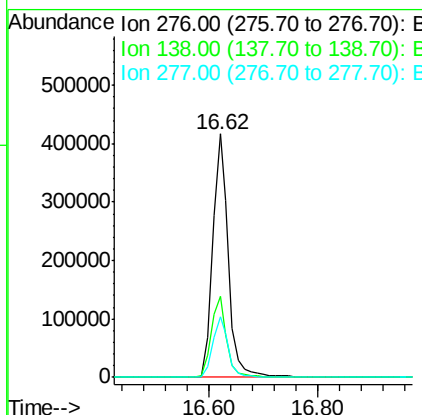
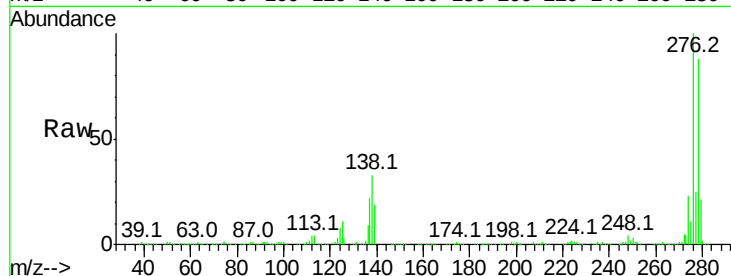




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.83 ng
 RT: 16.62 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

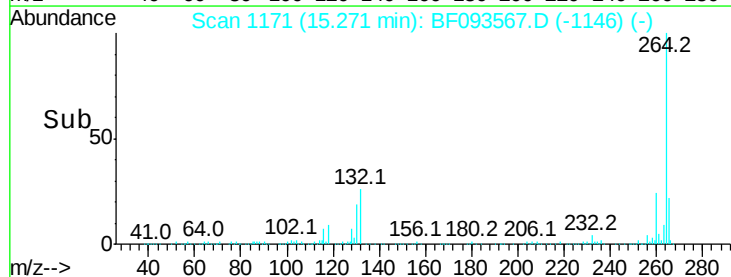
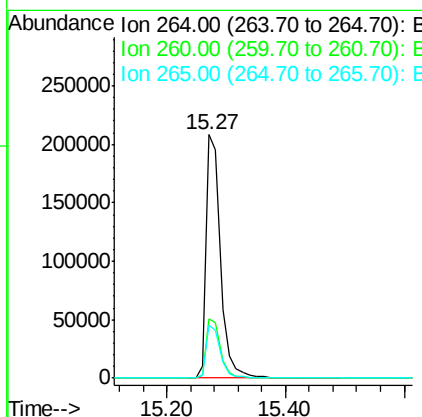
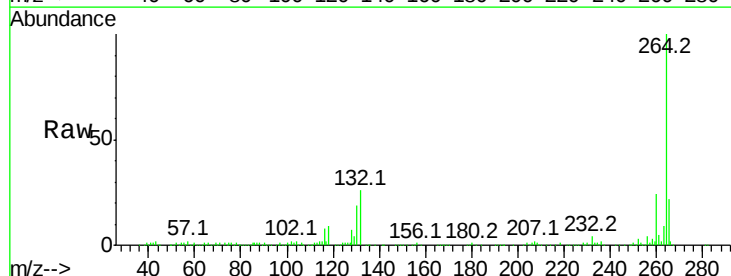
Instrument :
 BNA_F
 ClientSampleId :

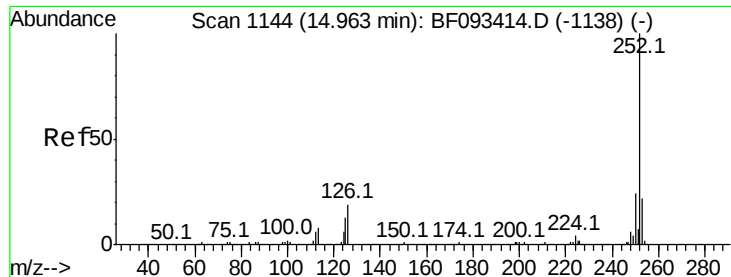
Tot Ion:276 Resp: 847252
 Ion Ratio Lower Upper
 276 100
 138 33.0 21.8 32.6#
 277 24.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:264 Resp: 351228
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 88.98 ng

RT: 14.92 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampled :

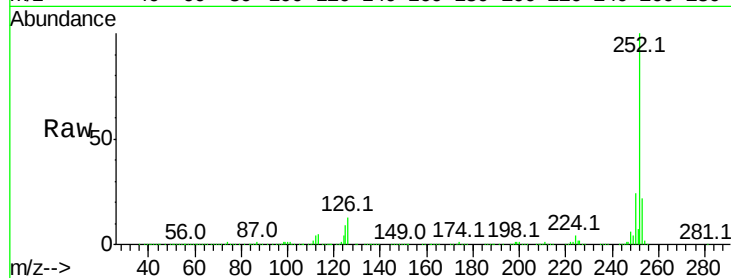
Tot Ion:252 Resp: 1903451

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

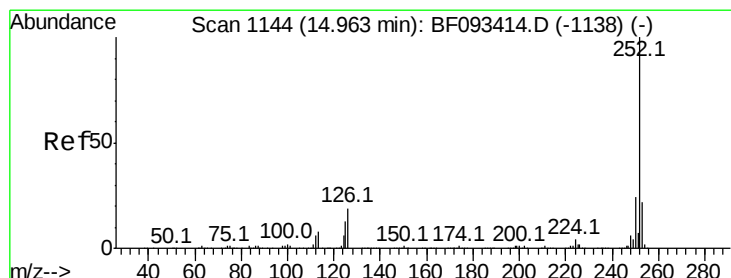
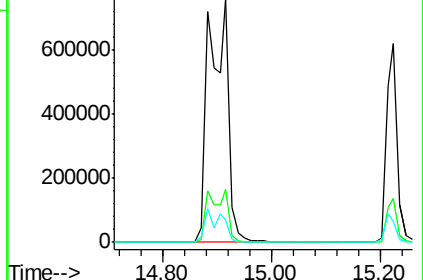
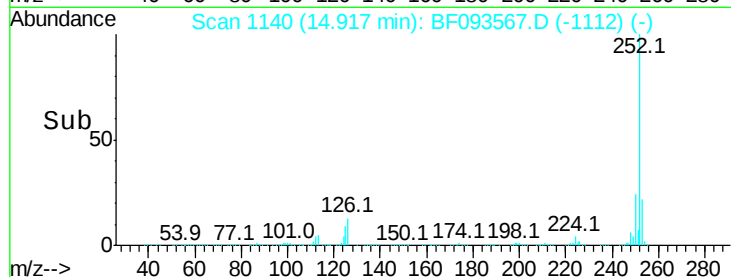
125 9.1 9.8 14.6#



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: 92.27 ng

RT: 14.92 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

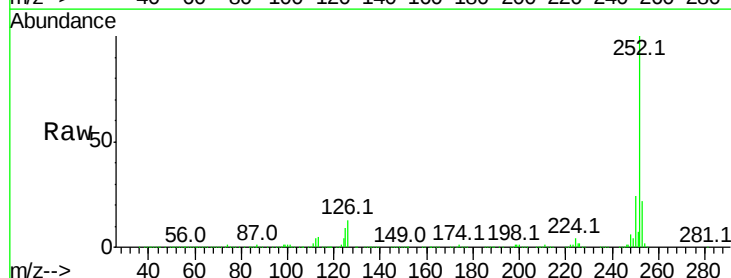
Tgt Ion:252 Resp: 1903451

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

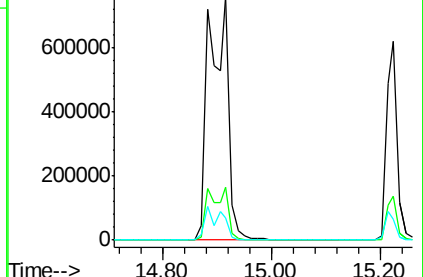
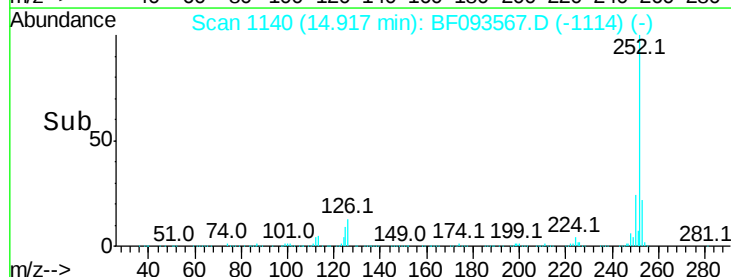
125 9.1 8.9 13.3

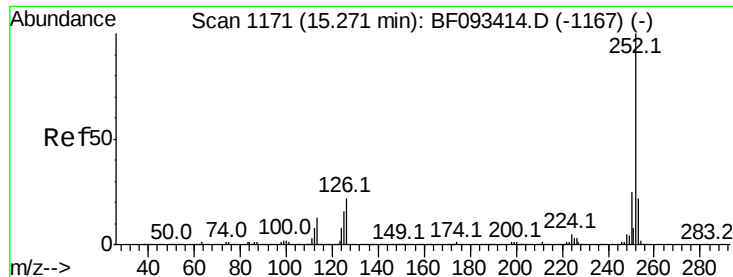


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.38 ng

RT: 15.23 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

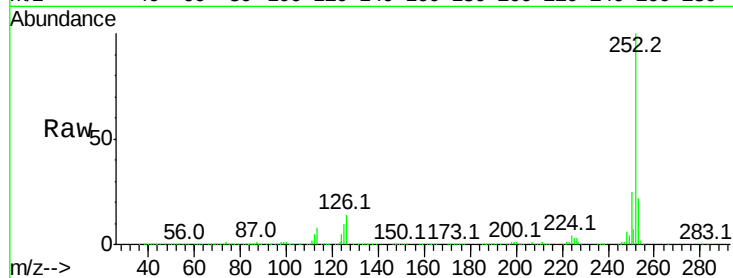
Tot Ion:252 Resp: 887065

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

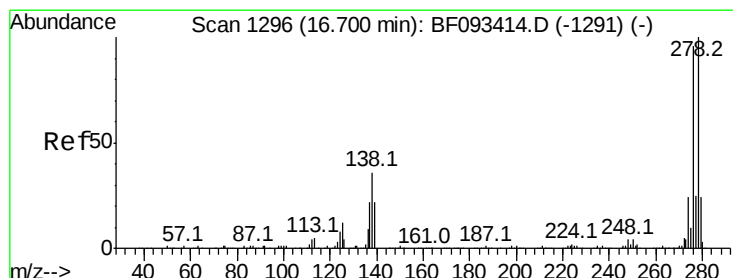
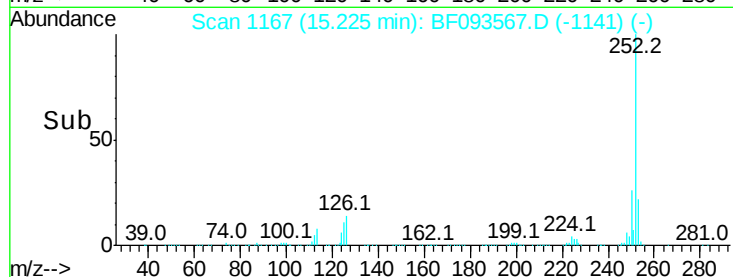
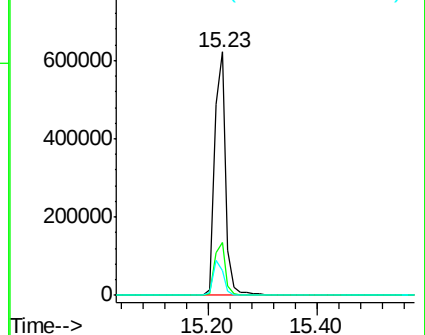
125 10.3 10.0 15.0



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: 43.72 ng

RT: 16.62 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

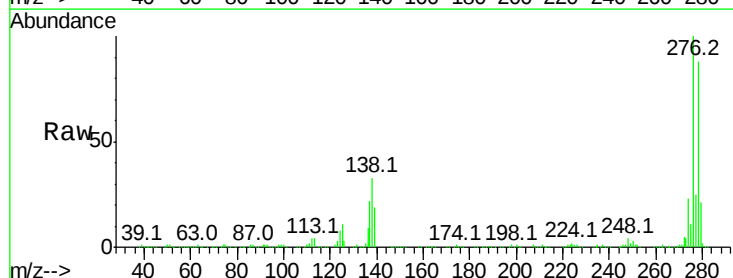
Tgt Ion:278 Resp: 707071

Ion Ratio Lower Upper

278 100

139 21.9 14.8 22.2

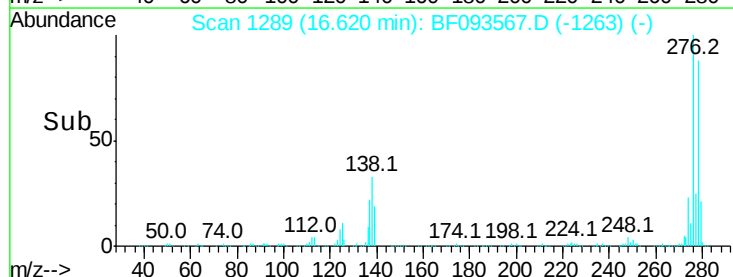
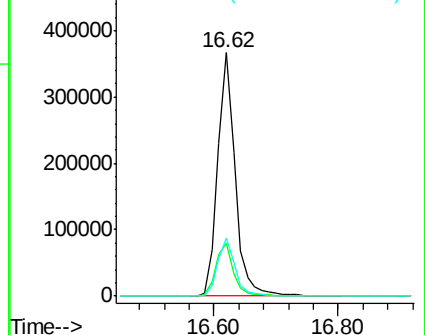
279 23.6 19.8 29.6

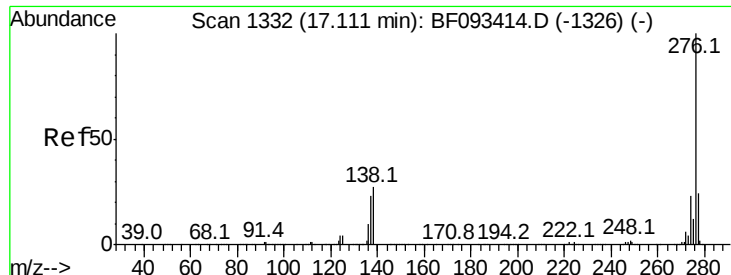


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.85 ng

RT: 17.02 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

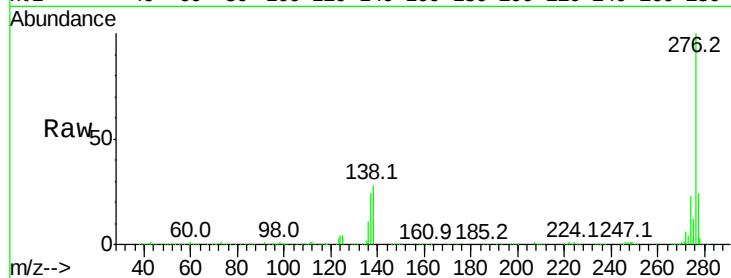
Tot Ion:276 Resp: 744458

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 28.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

