

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093671.D
 Acq On : 15 Mar 2017 16:46
 Operator : SJ/MA
 Sample : I2264-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

Quant Time: Mar 16 10:57:07 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	6.71	152	168611	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	713431	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	318277	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	568609	20.00	ng	0.00
75) Chrysene-d12	13.90	240	346916	20.00	ng	0.01
86) Perylene-d12	15.29	264	299516	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1594917	157.43	ng	-0.01
7) Phenol-d6	6.38	99	1944040	152.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	1301385	101.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	329343	158.82	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1613547	94.30	ng	0.00
78) Terphenyl-d14	12.84	244	1346712	100.93	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	265796	47.63	ng	86
3) Pyridine	2.95	79	470550	33.07	ng	# 80
4) n-Nitrosodimethylamine	2.89	42	363039	53.42	ng	84
6) Aniline	6.40	93	339326	19.35	ng	# 77
8) 2-Chlorophenol	6.50	128	586458	51.67	ng	96
9) Benzaldehyde	6.26	77	315059	40.54	ng	95
10) Phenol	6.39	94	1061277	67.79	ng	# 76
11) bis(2-Chloroethyl)ether	6.45	93	767963	60.70	ng	91
12) 1,3-Dichlorobenzene	6.64	146	621485m	47.83	ng	
13) 1,4-Dichlorobenzene	6.72	146	650839	48.93	ng	98
14) 1,2-Dichlorobenzene	6.88	146	569839	48.37	ng	95
15) Benzyl Alcohol	6.88	79	411891	45.23	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	957473	45.55	ng	# 8
17) 2-Methylphenol	7.00	107	682663	71.10	ng	# 92
18) Hexachloroethane	7.21	117	225247	50.21	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	511875	58.28	ng	98
20) 3+4-Methylphenols	7.16	107	999975	80.31	ng	# 73
22) Acetophenone	7.13	105	872783	50.84	ng	100
24) Nitrobenzene	7.30	77	665448	46.05	ng	97
25) Isophorone	7.56	82	1335686	51.51	ng	95
26) 2-Nitrophenol	7.62	139	335105	50.83	ng	# 90
27) 2,4-Dimethylphenol	7.68	122	967705	90.22	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	845692	51.66	ng	99
29) 2,4-Dichlorophenol	7.89	162	499578	49.51	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	496883	46.30	ng	96
31) Naphthalene	8.02	128	1741460	48.71	ng	99
33) 4-Chloroaniline	8.15	127	231927m	15.99	ng	
34) Hexachlorobutadiene	8.14	225	257259	46.54	ng	96
35) Caprolactam	8.48	113	154558m	44.85	ng	
36) 4-Chloro-3-methylphenol	8.61	107	556585	51.68	ng	97
37) 2-Methylnaphthalene	8.72	142	1040852	45.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	459410	52.86	ng	99
40) Hexachlorocyclopentadiene	8.86	237	211437	93.94	ng	95
42) 2,4,6-Trichlorophenol	9.02	196	328992	60.59	ng	94

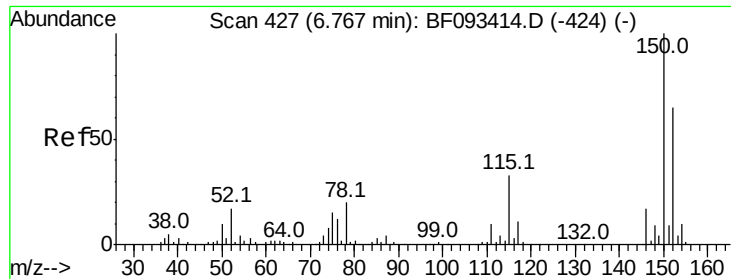
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	304420	52.25	nq	95
45) 1,1'-Biphenyl	9.18	154	1198900	51.71	nq	96
46) 2-Chloronaphthalene	9.21	162	1022302	57.60	nq	97
47) 2-Nitroaniline	9.33	65	377691	60.20	nq	98
48) Acenaphthylene	9.62	152	1563274	53.41	nq	99
49) Dimethylphthalate	9.50	163	1488089	70.52	nq	99
50) 2,6-Dinitrotoluene	9.57	165	229215	49.51	nq	# 49
51) Acenaphthene	9.80	154	927659	53.60	nq	97
52) 3-Nitroaniline	9.75	138	191640	34.45	nq	97
53) 2,4-Dinitrophenol	9.88	184	93358	44.28	nq	# 59
54) Dibenzofuran	9.97	168	1254773	57.92	nq	98
55) 4-Nitrophenol	9.96	139	165869m	61.39	nq	
56) 2,4-Dinitrotoluene	9.98	165	352183	61.92	nq	# 78
57) Fluorene	10.31	166	956098	52.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	261784	63.67	nq	93
59) Diethylphthalate	10.20	149	1218565	60.43	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	428208	52.04	nq	95
61) 4-Nitroaniline	10.37	138	245788	43.21	nq	96
62) Azobenzene	10.46	77	1337196	58.35	nq	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	141977	38.54	nq	86
65) n-Nitrosodiphenylamine	10.42	169	891058	46.93	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	269649	44.85	nq	100
67) Hexachlorobenzene	10.86	284	260412	45.36	nq	# 79
68) Atrazine	10.96	200	259553	46.71	nq	98
69) Pentachlorophenol	11.08	266	142145	71.71	nq	98
70) Phenanthrene	11.27	178	1393370	42.93	nq	99
71) Anthracene	11.33	178	1466936	44.68	nq	99
72) Carbazole	11.50	167	1421308	46.08	nq	98
73) Di-n-butylphthalate	11.82	149	1772883	49.68	nq	# 96
74) Fluoranthene	12.46	202	1360146	43.39	nq	97
76) Benzidine	12.61	184	442557	38.79	nq	98
77) Pyrene	12.69	202	1322471	52.42	nq	100
79) Butylbenzylphthalate	13.31	149	650812	61.28	nq	99
80) Benzo(a)anthracene	13.89	228	992621	48.45	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	310883	43.33	nq	99
82) Chrysene	13.92	228	956281	50.45	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	975162	65.87	nq	# 97
84) Di-n-octyl phthalate	14.47	149	1408822	57.10	nq	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	936997	59.06	nq	# 94
87) Benzo(b)fluoranthene	14.91	252	993185m	54.45	nq	
88) Benzo(k)fluoranthene	14.93	252	750369m	42.66	nq	
89) Benzo(a)pyrene	15.24	252	809500	48.56	nq	97
90) Dibenzo(a,h)anthracene	16.64	278	796263	57.73	nq	98
91) Benzo(g,h,i)perylene	17.04	276	828991	58.56	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093671.D

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Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

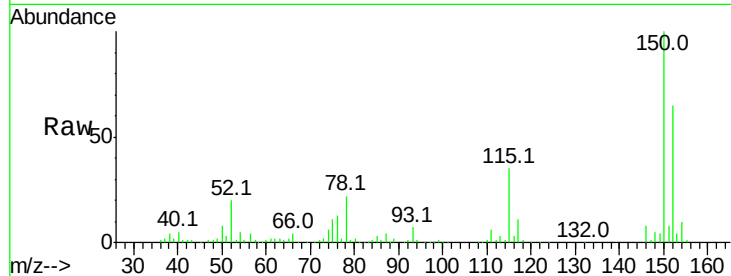
Tot Ion:152 Resp: 168611

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

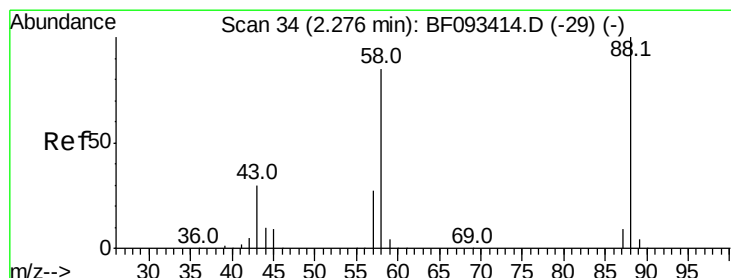
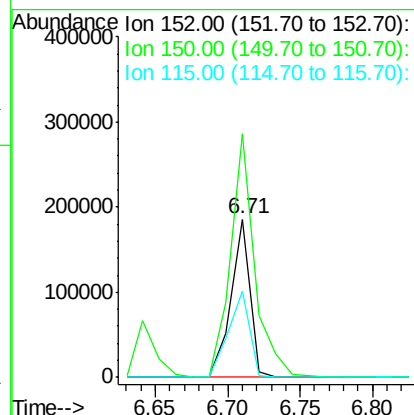
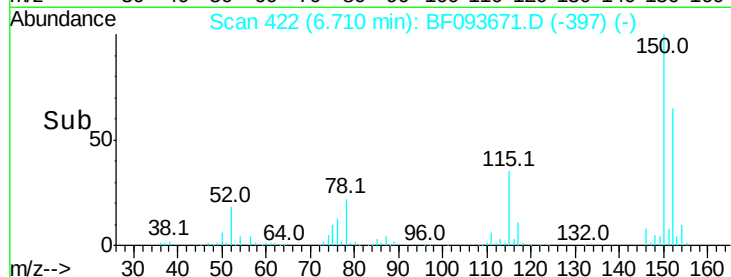
115 54.4 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 47.63 ng

RT: 2.24 min Scan# 31

Delta R.T. 0.06 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

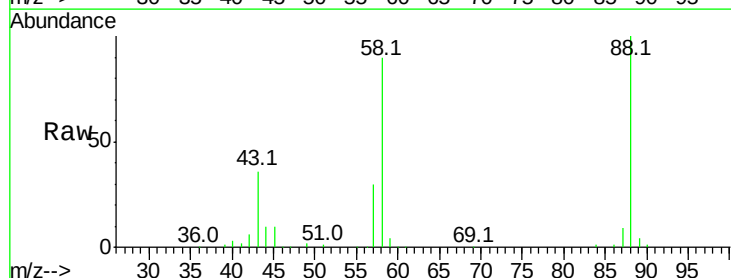
Tgt Ion: 88 Resp: 265796

Ion Ratio Lower Upper

88 100

58 85.9 57.8 86.8

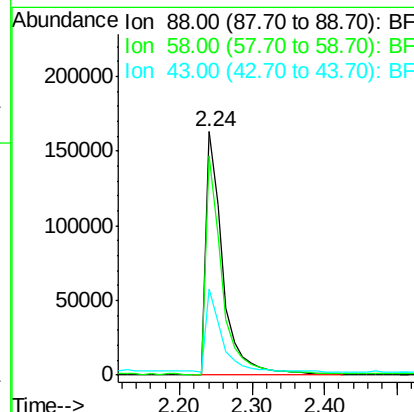
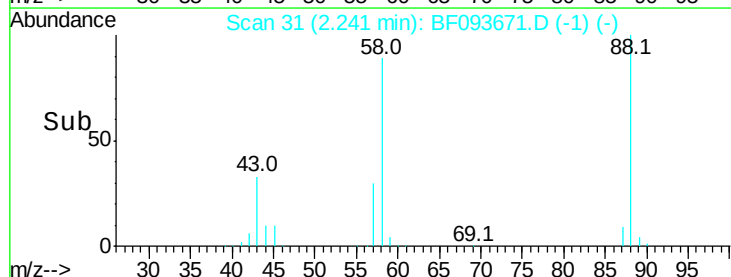
43 33.0 22.3 33.5

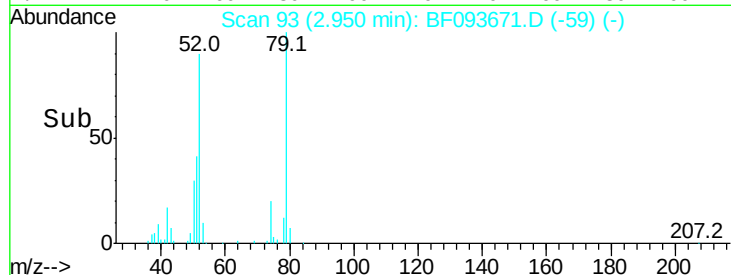
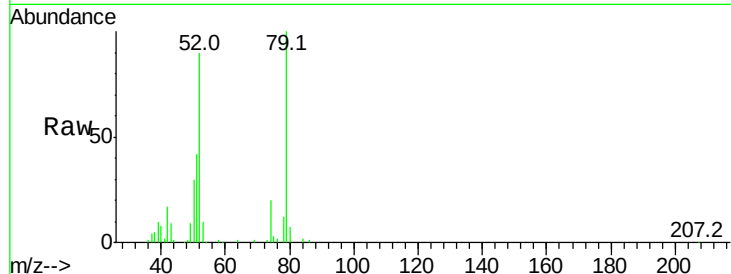
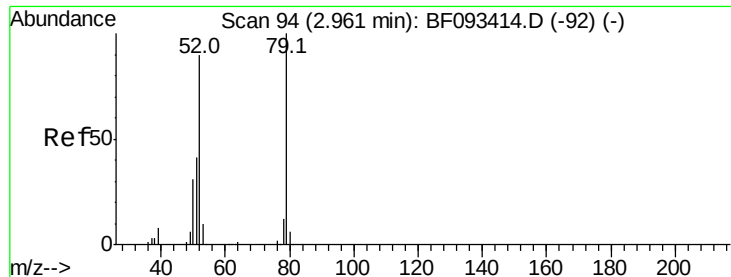


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

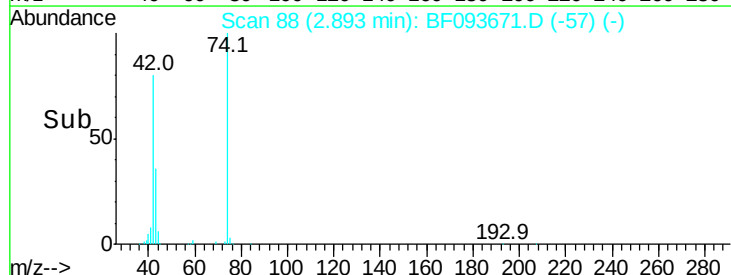
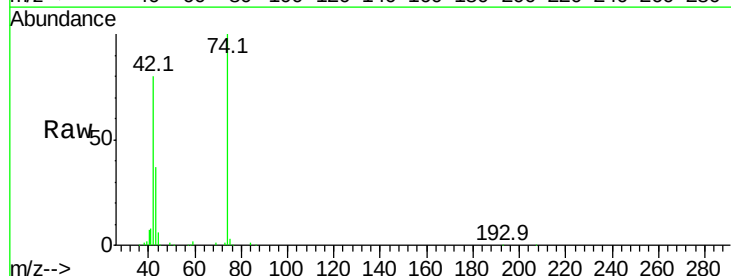
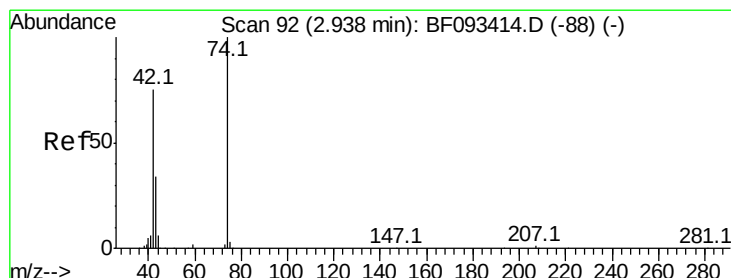
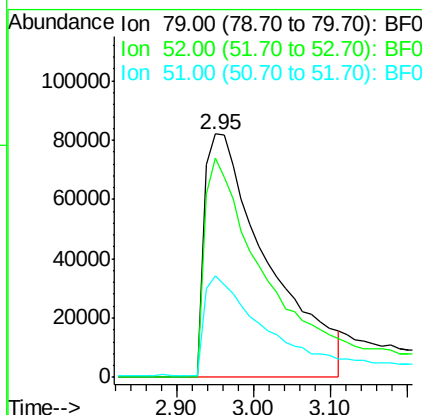




#3
 Pvridine
 Concen: 33.07 ng
 RT: 2.95 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

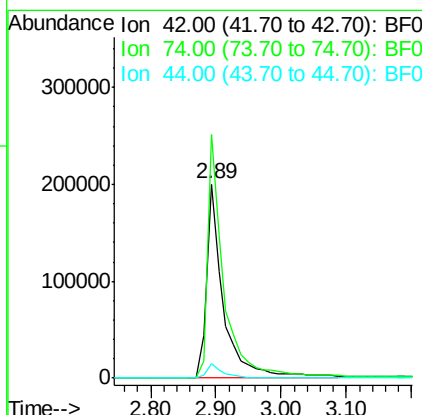
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

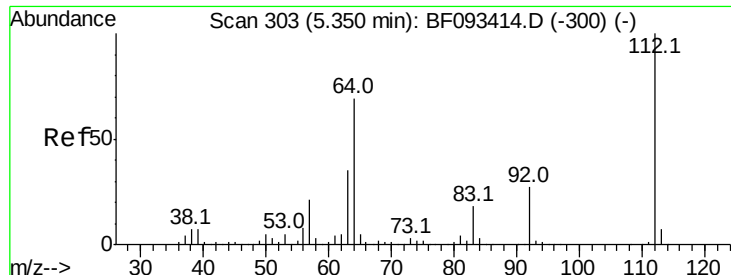
Tot Ion: 79 Resp: 470550
 Ion Ratio Lower Upper
 79 100
 52 90.1 57.1 85.7#
 51 41.9 27.3 40.9#



#4
 n-Nitrosodimethylamine
 Concen: 53.42 ng
 RT: 2.89 min Scan# 88
 Delta R.T. 0.06 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion: 42 Resp: 363039
 Ion Ratio Lower Upper
 42 100
 74 125.4 117.0 175.4
 44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 157.43 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

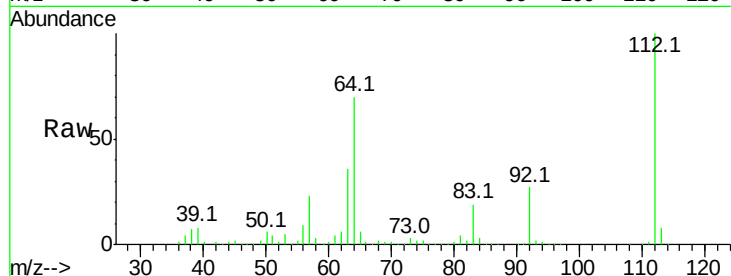
Tot Ion:112 Resp: 1594917

Ion Ratio Lower Upper

112 100

64 70.2 46.1 69.1#

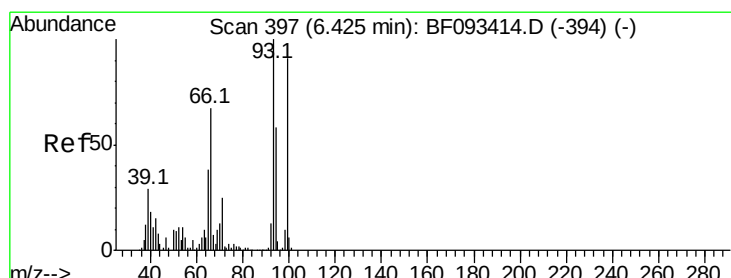
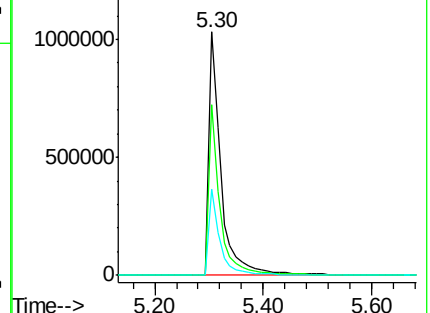
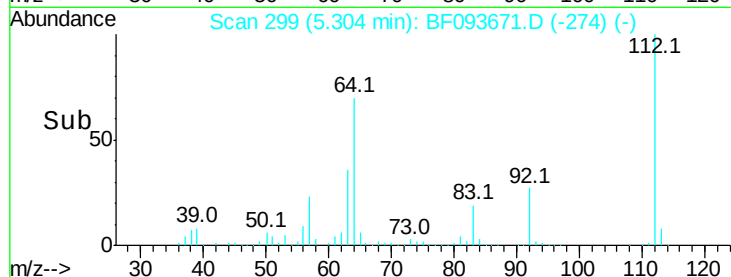
63 35.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.35 ng

RT: 6.40 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

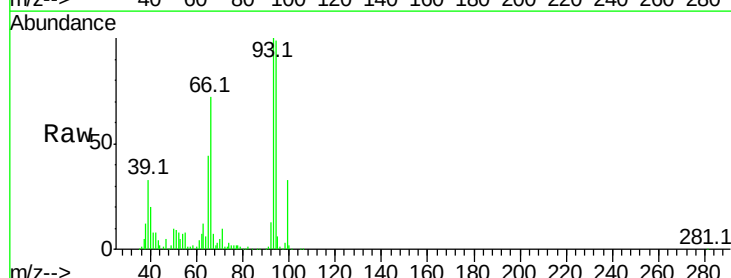
Tgt Ion: 93 Resp: 339326

Ion Ratio Lower Upper

93 100

66 72.0 76.2 114.2#

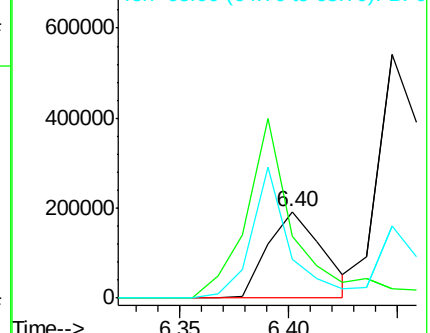
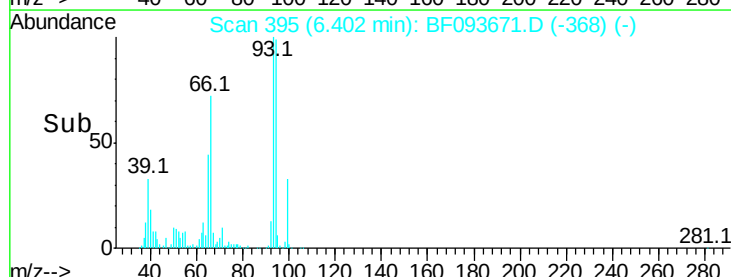
65 44.4 49.3 73.9#

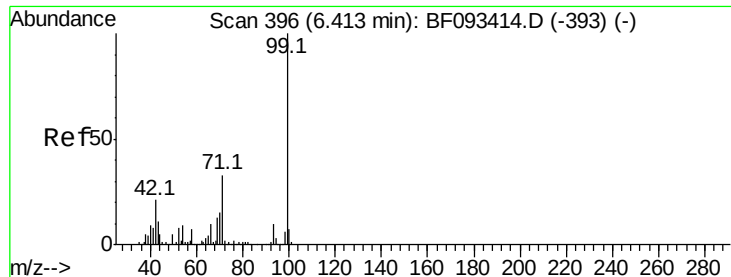


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 152.17 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

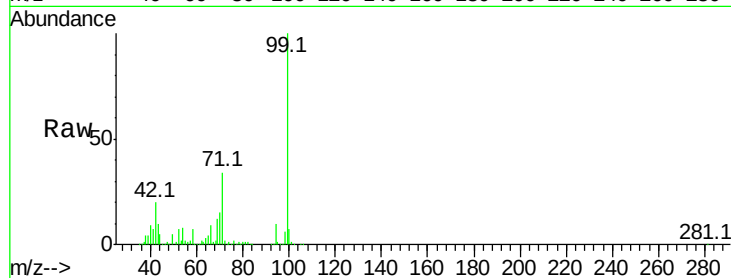
Tot Ion: 99 Resp: 1944040

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

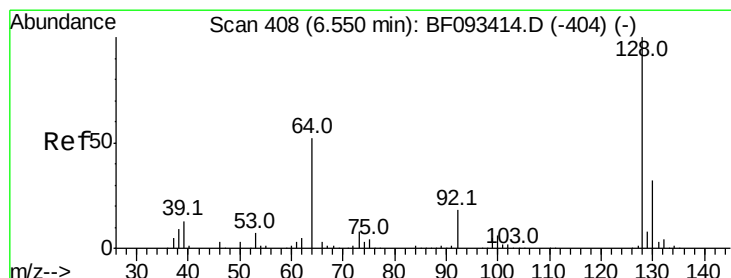
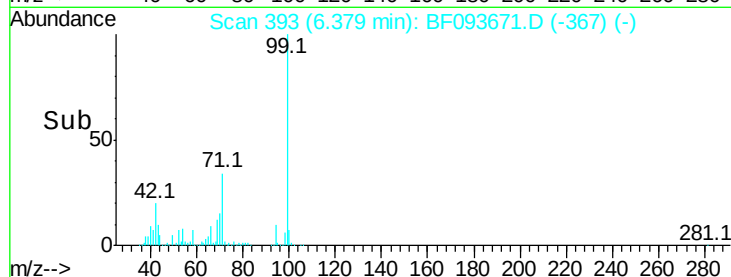
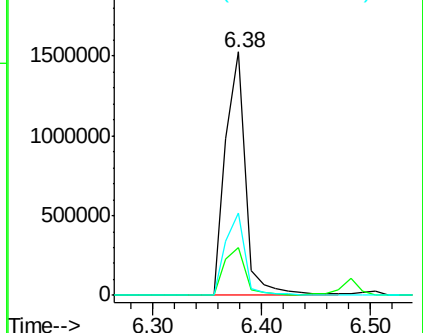
71 33.7 27.5 41.3



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: 51.67 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

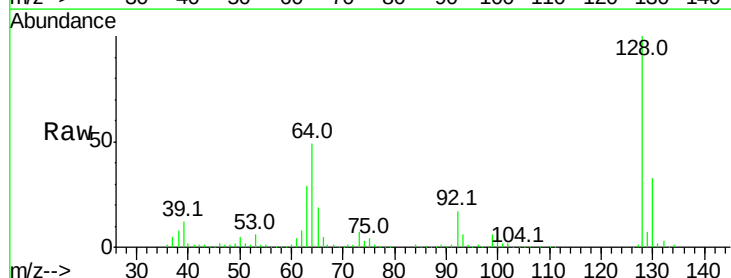
Tgt Ion:128 Resp: 586458

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

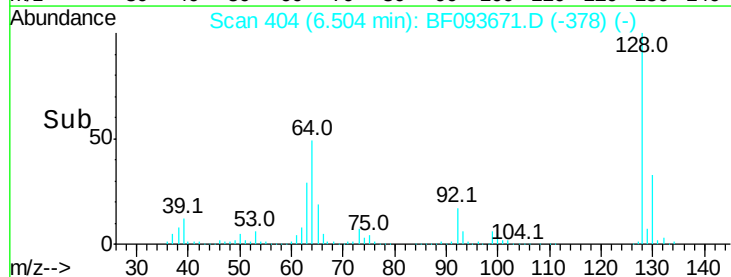
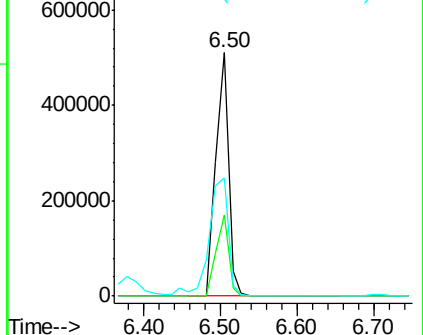
64 48.5 32.2 72.2

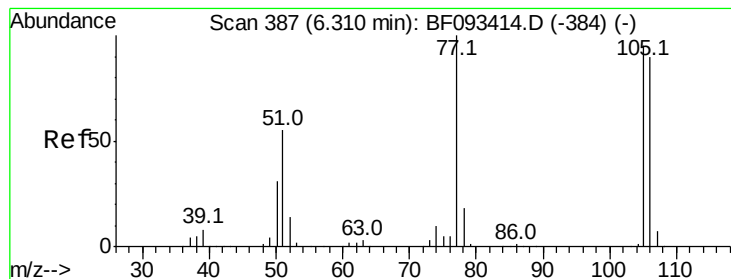


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.54 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093671.D

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E2-BB7-WSWMS

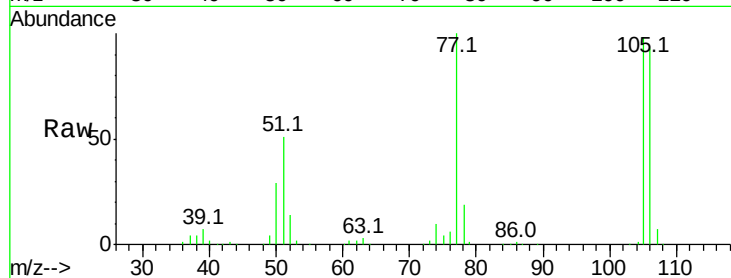
Tot Ion: 77 Resp: 315059

Ion Ratio Lower Upper

77 100

105 98.1 83.9 123.9

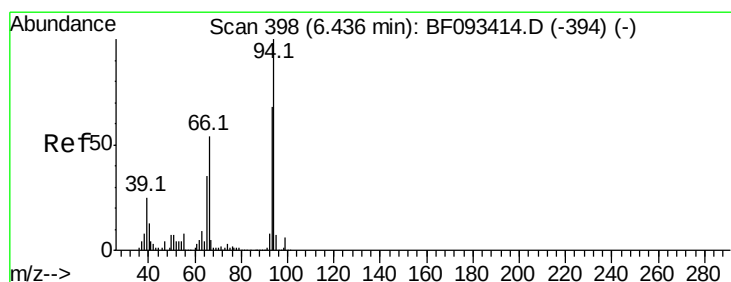
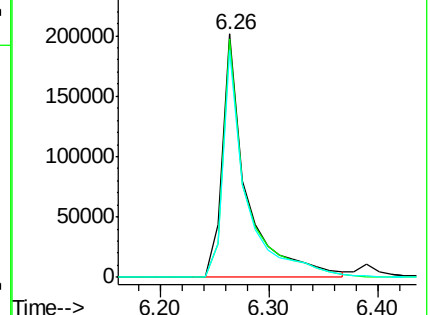
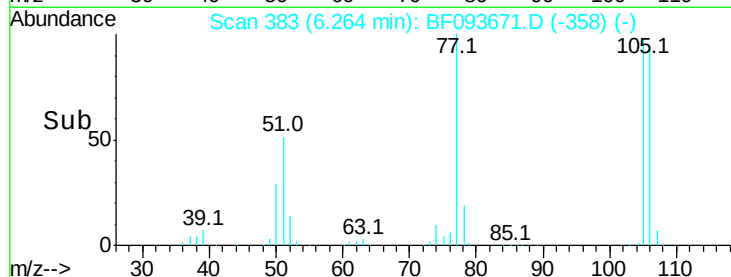
106 93.0 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 67.79 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

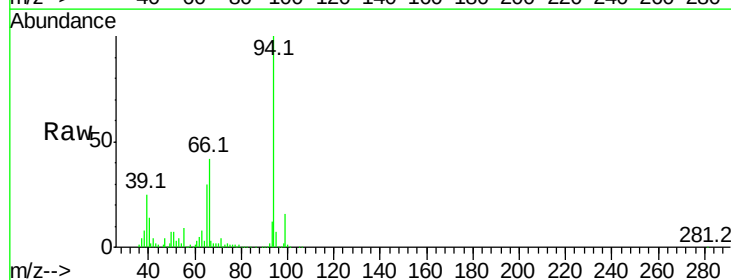
Tgt Ion: 94 Resp: 1061277

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

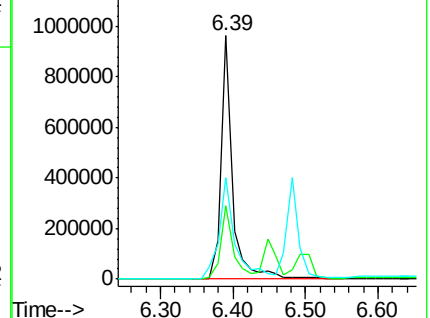
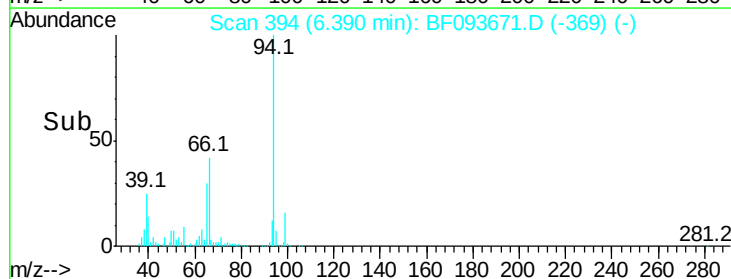
66 41.5 44.0 84.0#

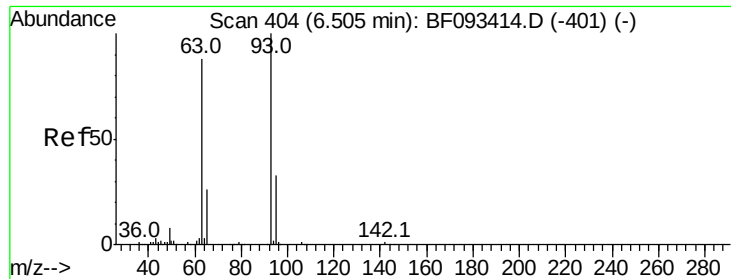


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 60.70 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

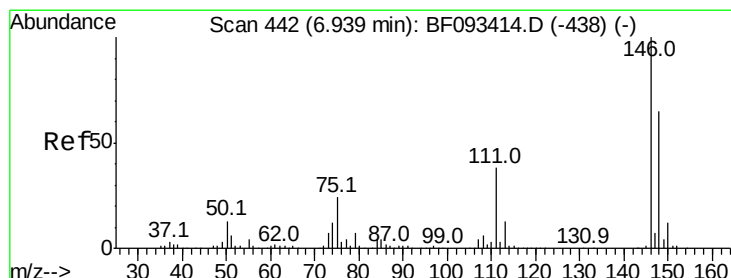
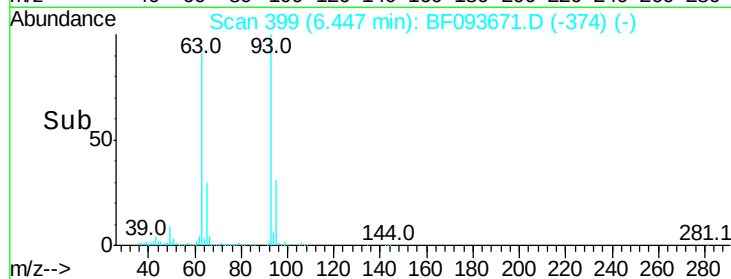
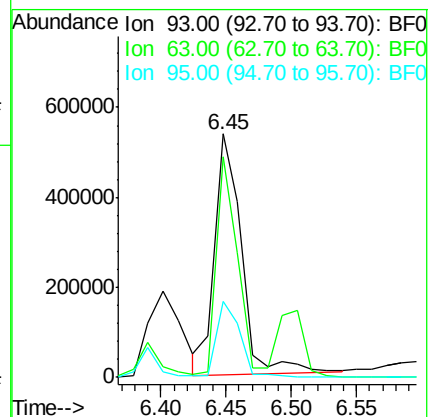
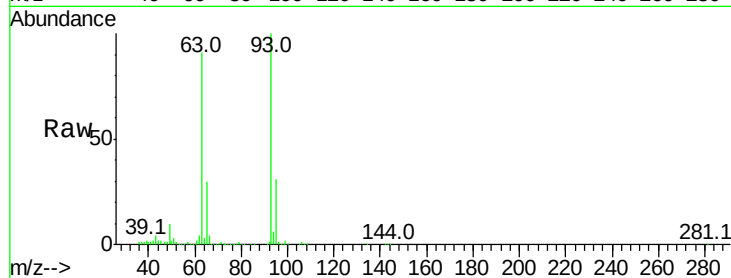
Tot Ion: 93 Resp: 767963

Ion Ratio Lower Upper

93 100

63 90.9 60.4 100.4

95 31.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 47.83 ng m

RT: 6.64 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

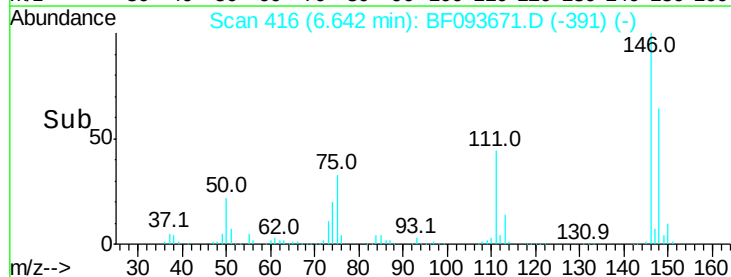
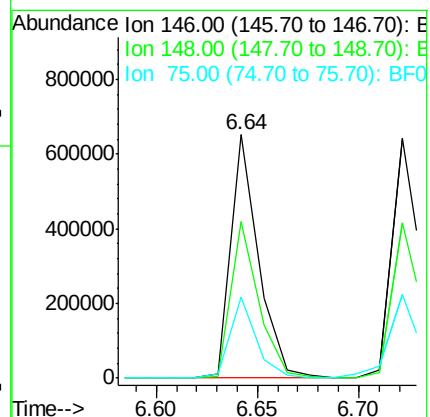
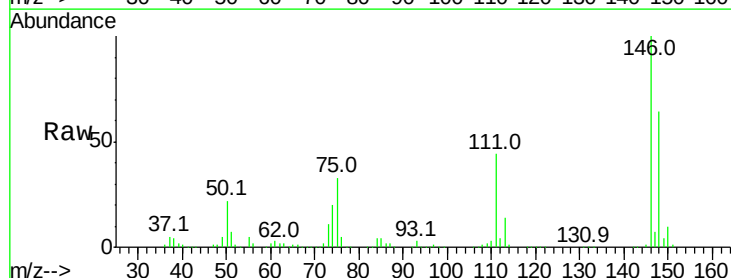
Tgt Ion: 146 Resp: 621485

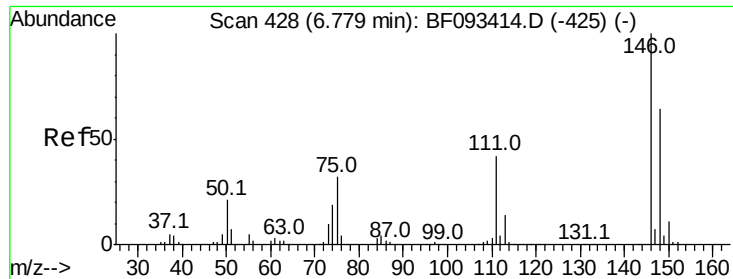
Ion Ratio Lower Upper

146 100

148 64.5 53.4 80.0

75 33.3 18.5 27.7#

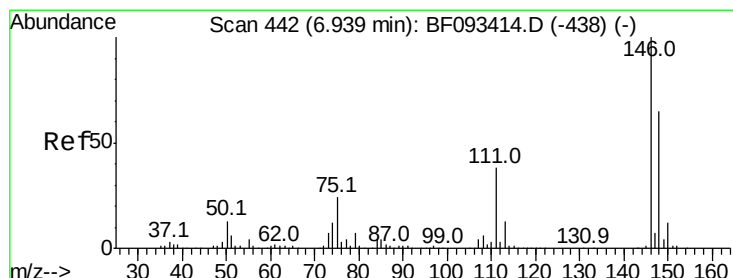
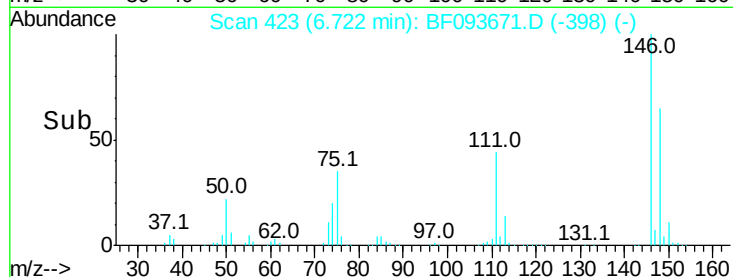
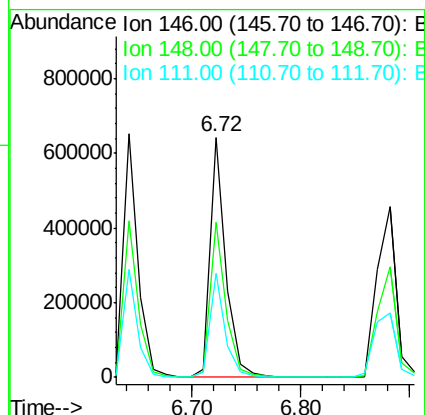
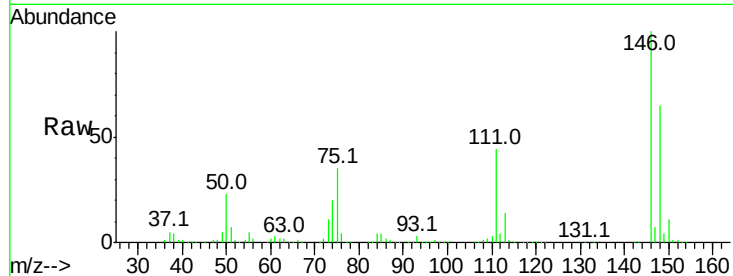




#13
 1,4-Dichlorobenzene
 Concen: 48.93 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

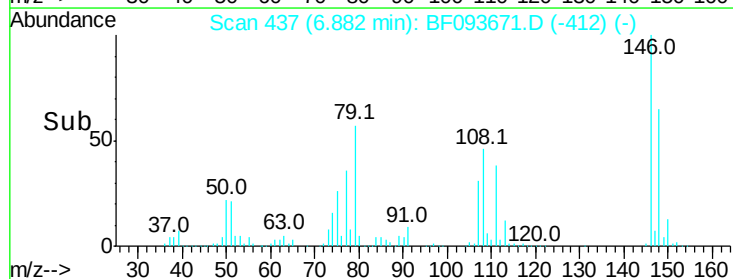
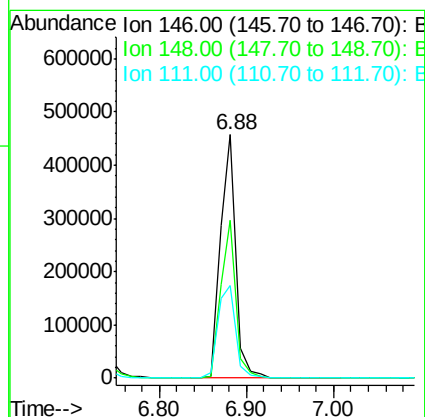
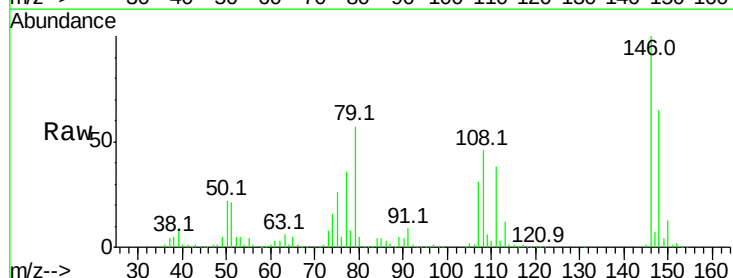
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

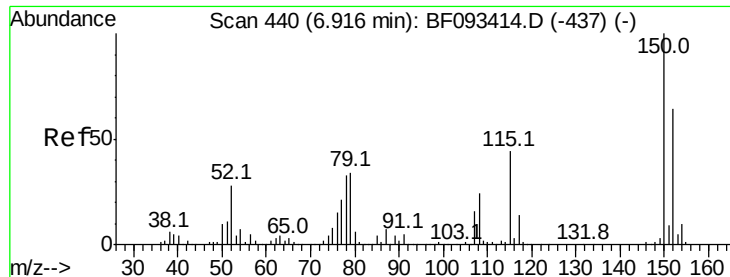
Tot Ion:146 Resp: 650839
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 76.0
 111 43.7 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 48.37 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion:146 Resp: 569839
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 37.8 36.2 54.2

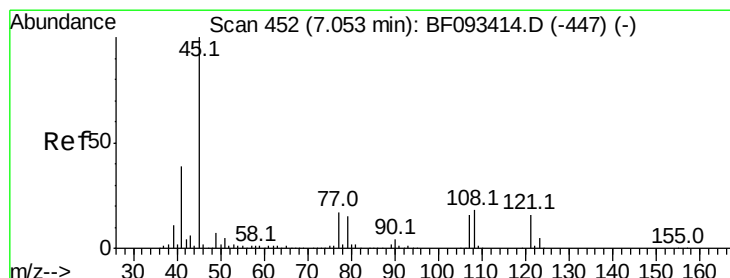
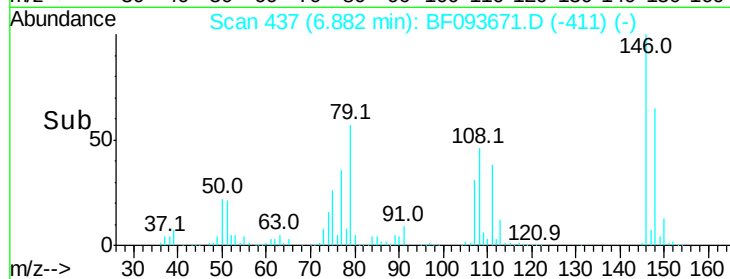
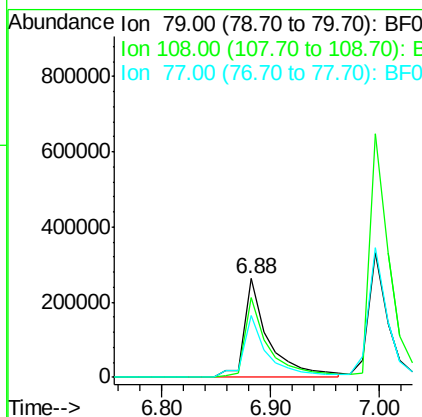
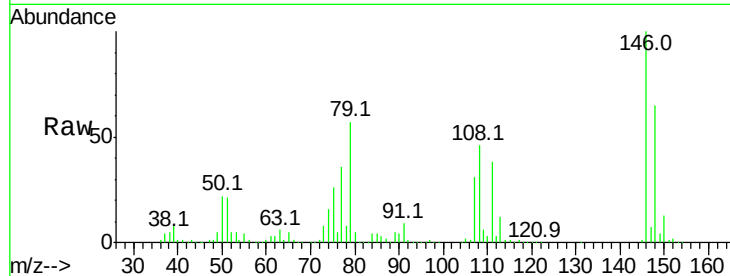




#15
Benzyl Alcohol
Concen: 45.23 ng
RT: 6.88 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

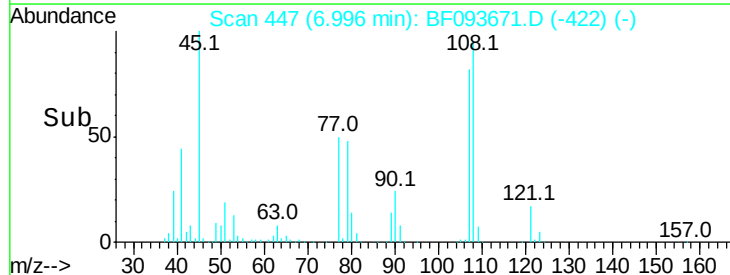
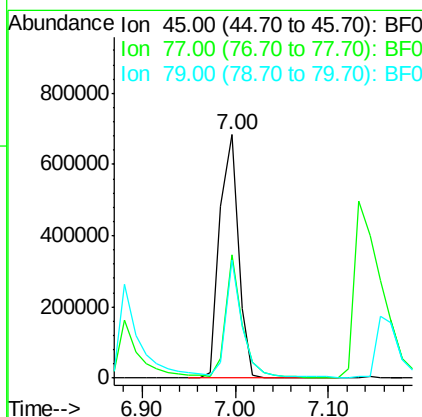
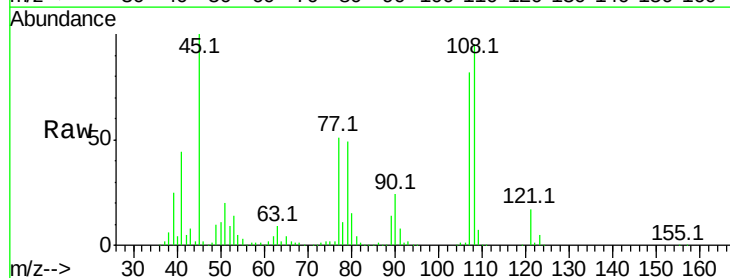
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

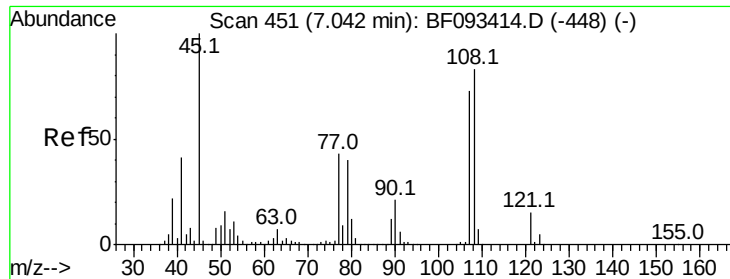
Tot Ion: 79 Resp: 411891
Ion Ratio Lower Upper
79 100
108 80.3 61.4 92.0
77 62.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.55 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion: 45 Resp: 957473
Ion Ratio Lower Upper
45 100
77 50.6 0.0 34.6#
79 48.7 0.0 31.2#





#17

2-Methylphenol

Concen: 71.10 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

Tot Ion:107 Resp: 682663

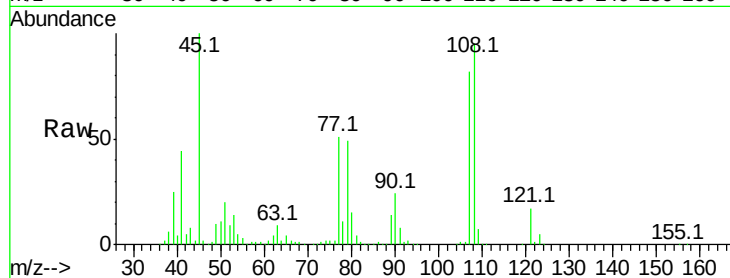
Ion Ratio Lower Upper

107 100

108 116.2 93.0 139.6

77 62.0 39.8 59.8#

79 59.7 38.0 57.0#

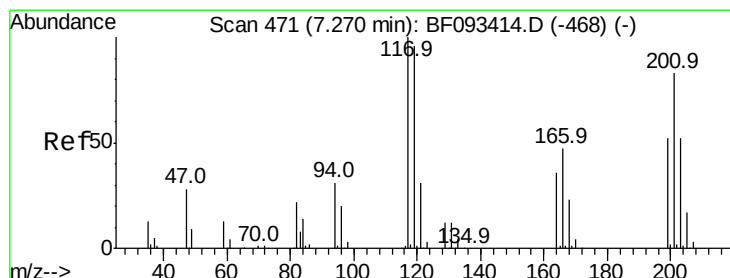
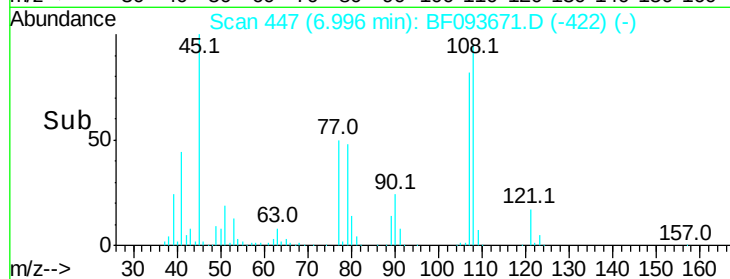
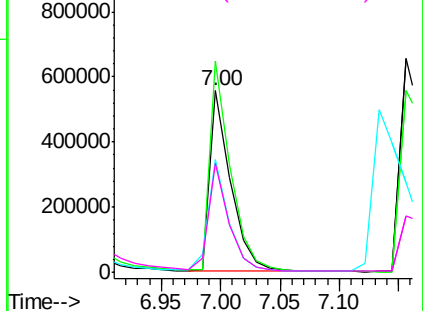


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 50.21 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

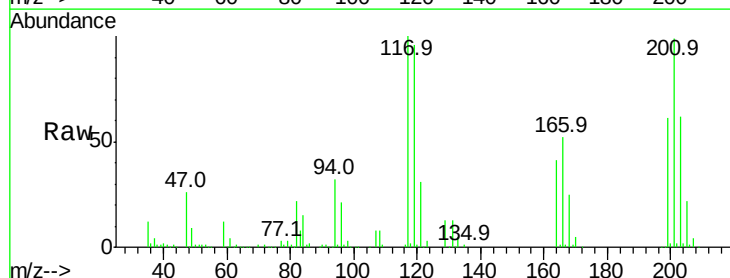
Tgt Ion:117 Resp: 225247

Ion Ratio Lower Upper

117 100

119 96.0 78.1 117.1

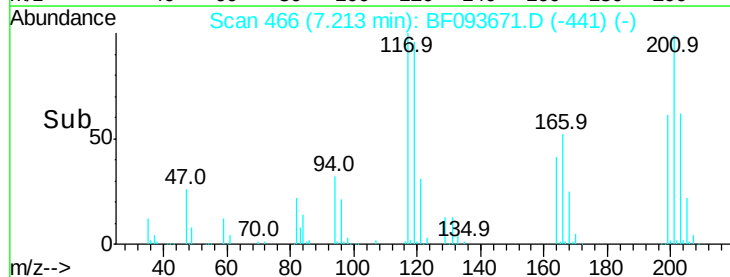
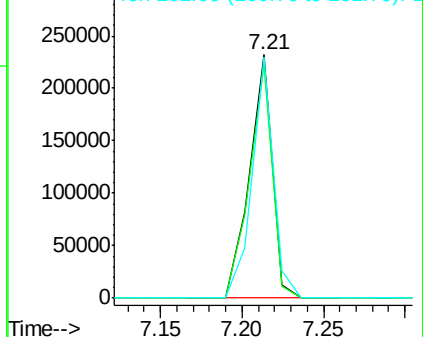
201 99.1 78.6 117.8

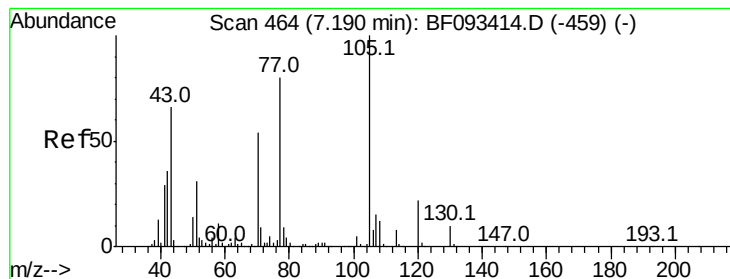


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 58.28 ng

RT: 7.14 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

Tot Ion: 70 Resp: 511875

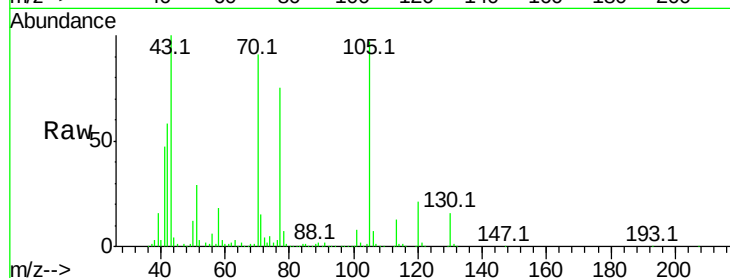
Ion Ratio Lower Upper

70 100

42 63.8 49.4 74.0

101 8.8 7.4 11.2

130 17.5 14.2 21.4

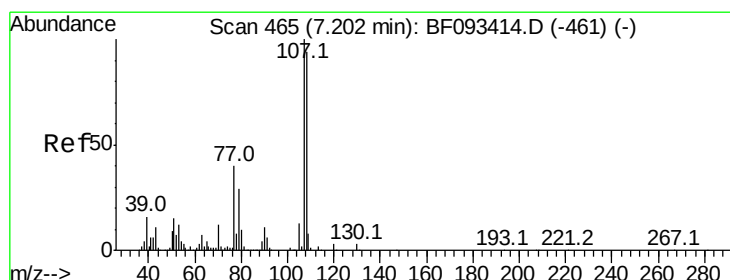
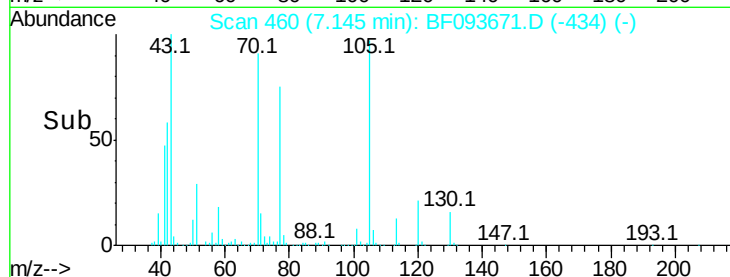
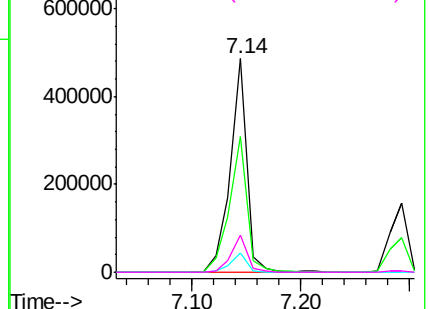


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 80.31 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Tgt Ion:107 Resp: 999975

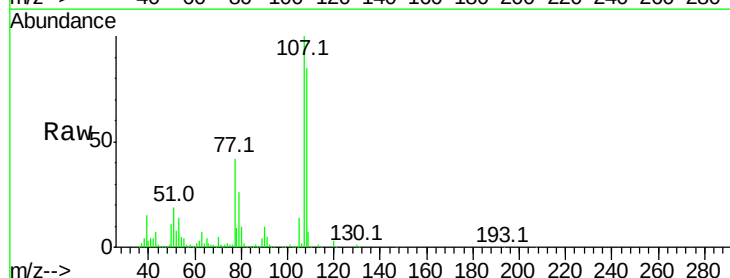
Ion Ratio Lower Upper

107 100

108 85.1 73.0 113.0

77 41.8 71.3 111.3#

79 26.2 11.1 51.1

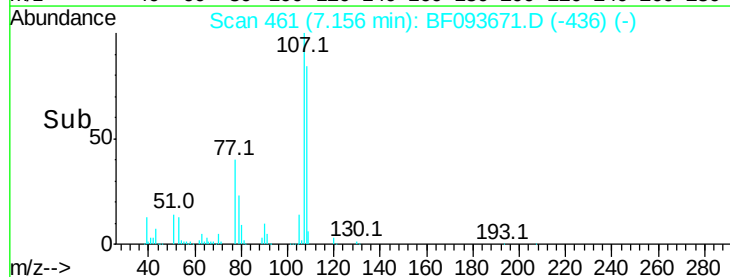
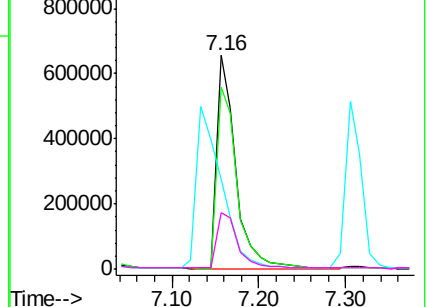


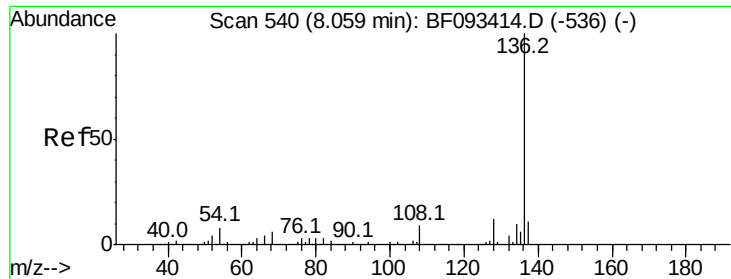
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

Tot Ion:136 Resp: 713431

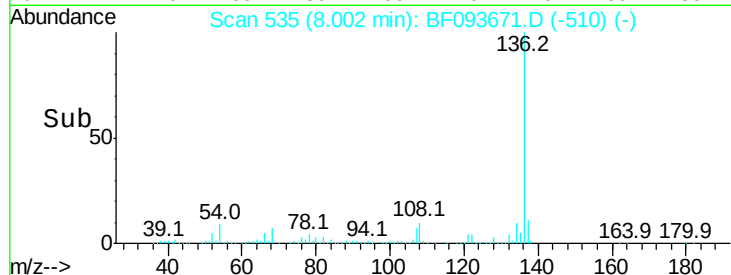
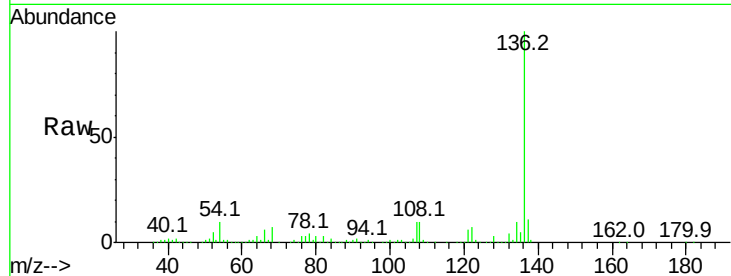
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.5 4.5 6.7#

68 6.8 3.6 5.4#

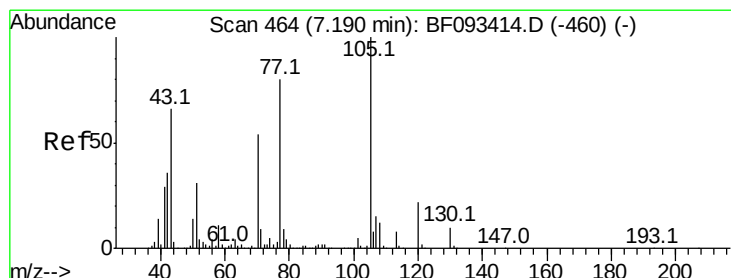
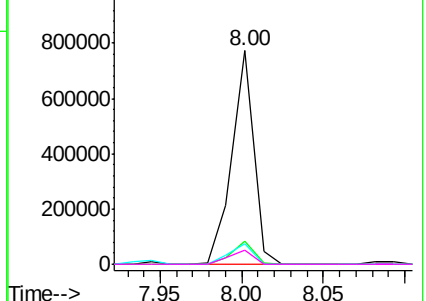


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.84 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Tgt Ion:105 Resp: 872783

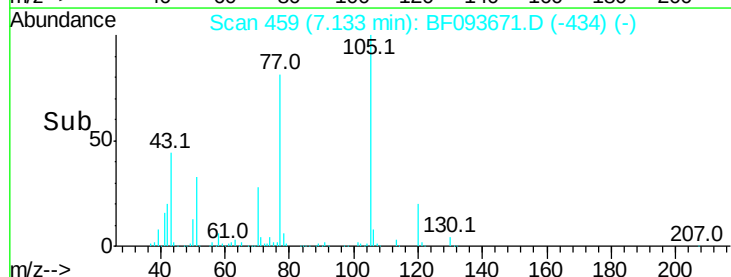
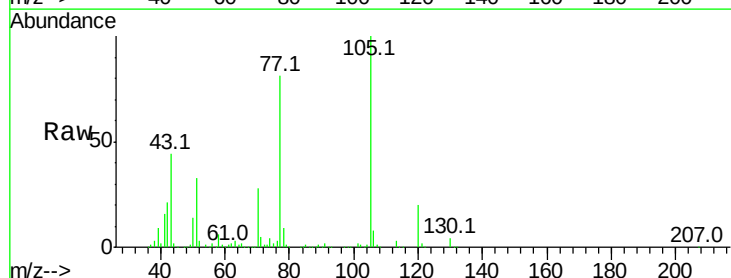
Ion Ratio Lower Upper

105 100

71 4.6 3.2 4.8

51 32.9 26.2 39.4

120 20.4 16.6 24.8

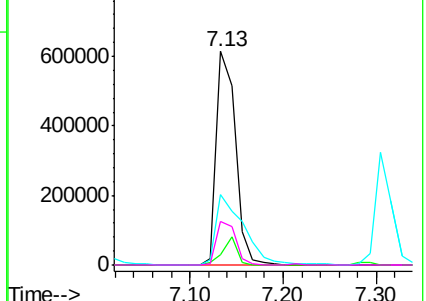


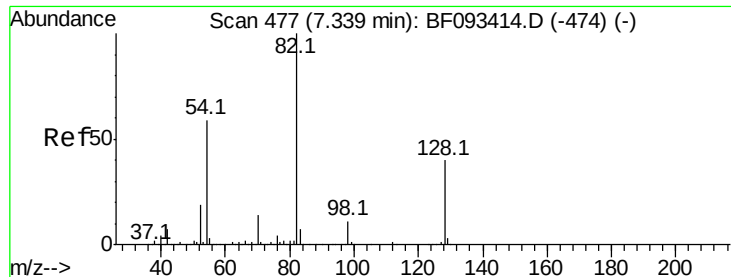
Abundance Ion 105.00 (104.70 to 105.70): E

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



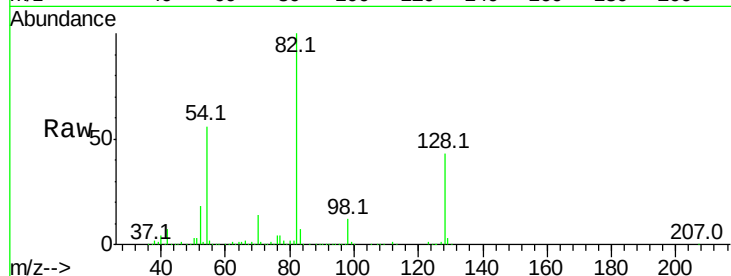


#23
 Nitrobenzene-d5
 Concen: 101.21 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

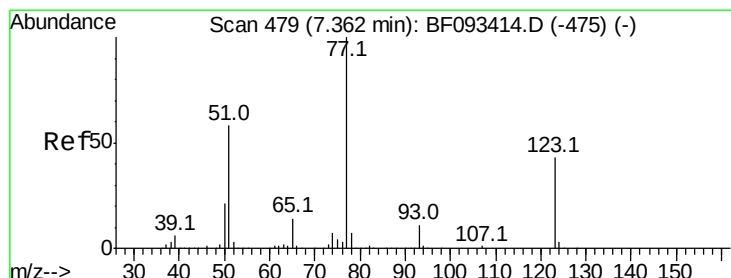
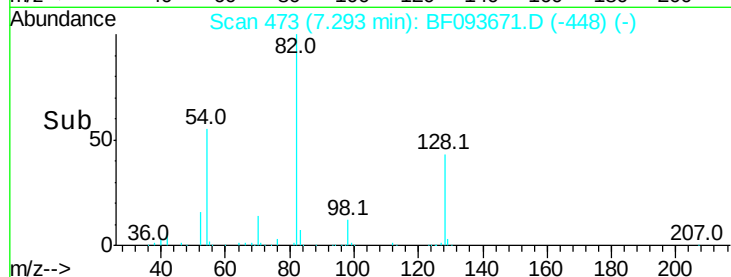
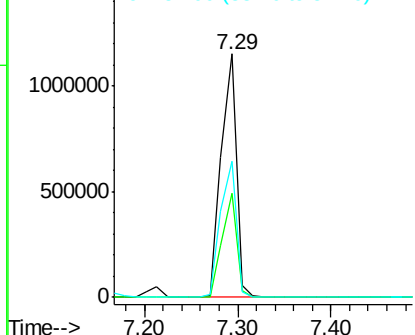
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

Tot Ion: 82 Resp: 1301385

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	56.1	39.5	59.3



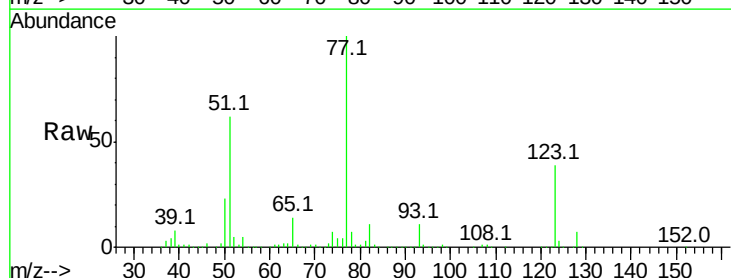
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



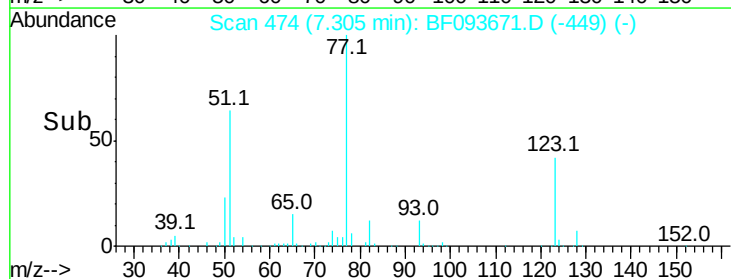
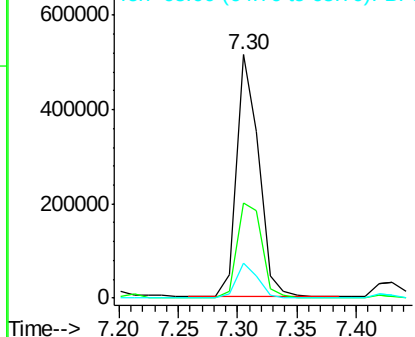
#24
 Nitrobenzene
 Concen: 46.05 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

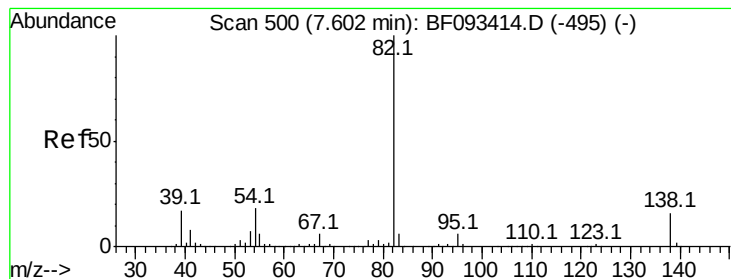
Tgt Ion: 77 Resp: 665448

Ion	Ratio	Lower	Upper
77	100		
123	39.1	33.0	49.4
65	14.3	11.2	16.8



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





#25

Isophorone

Concen: 51.51 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

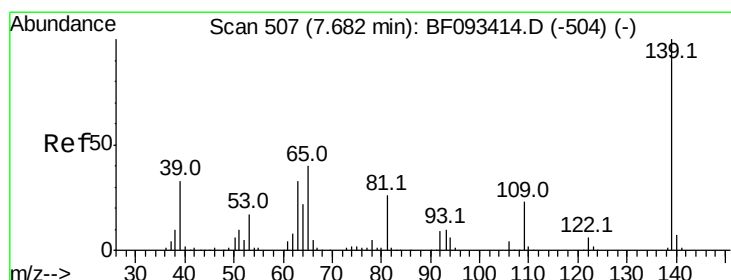
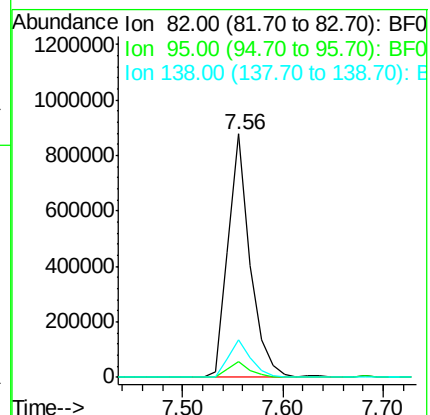
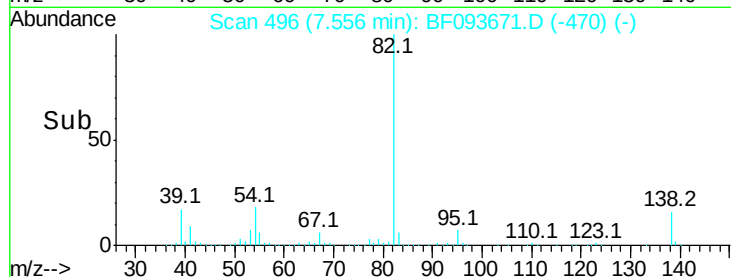
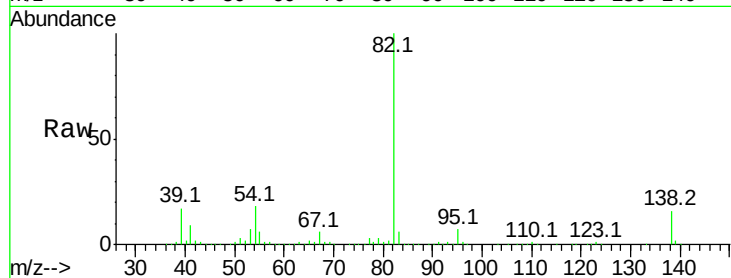
Tot Ion: 82 Resp: 1335686

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 15.6 14.6 22.0



#26

2-Nitrophenol

Concen: 50.83 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

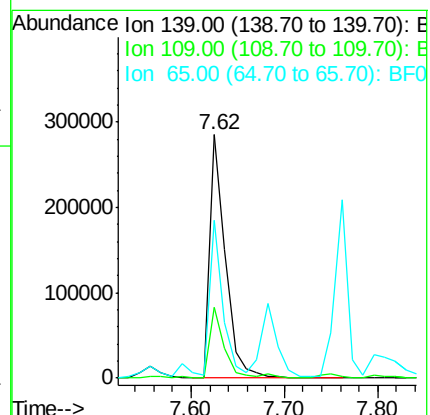
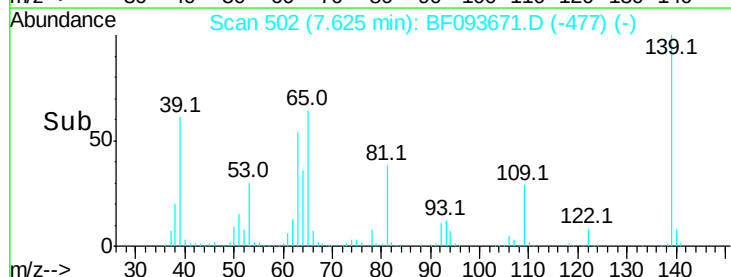
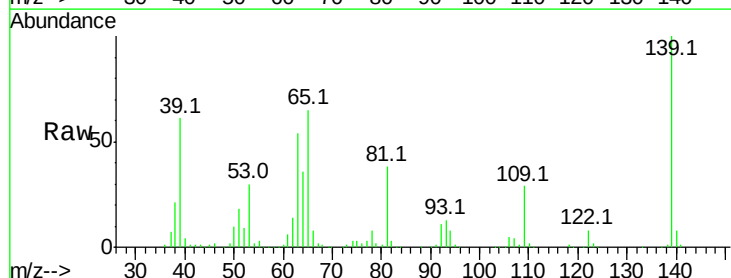
Tgt Ion: 139 Resp: 335105

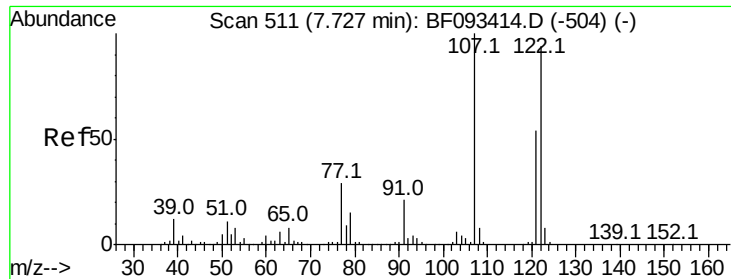
Ion Ratio Lower Upper

139 100

109 29.0 23.3 34.9

65 64.7 42.7 64.1#

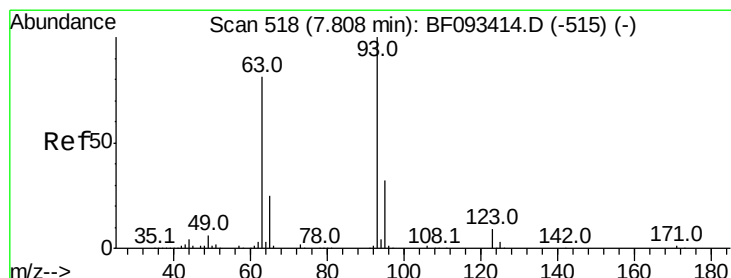
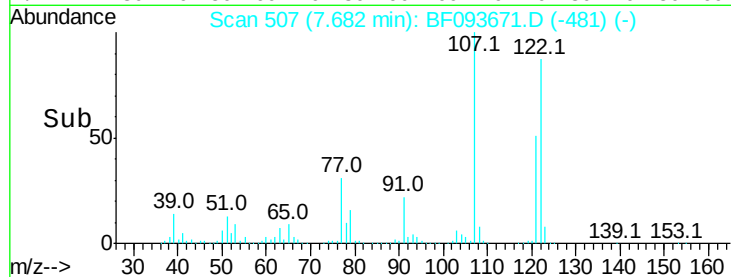
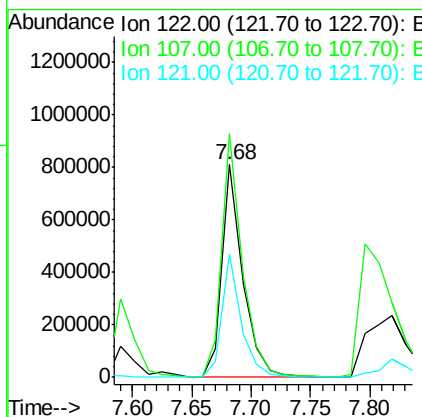
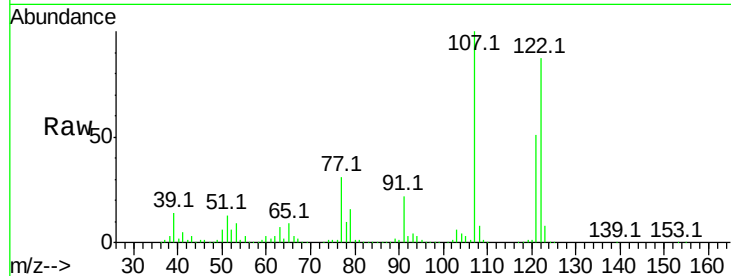




#27
 2,4-Dimethylphenol
 Concen: 90.22 ng
 RT: 7.68 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

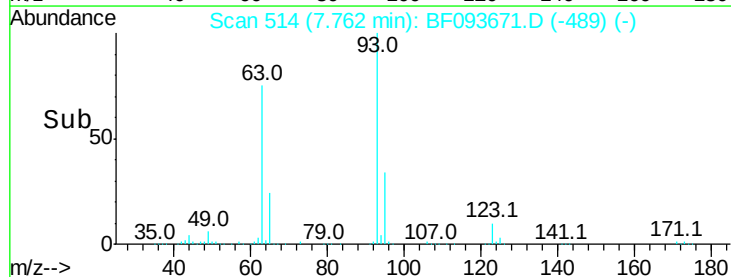
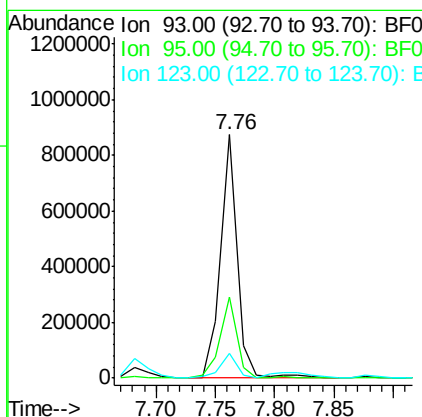
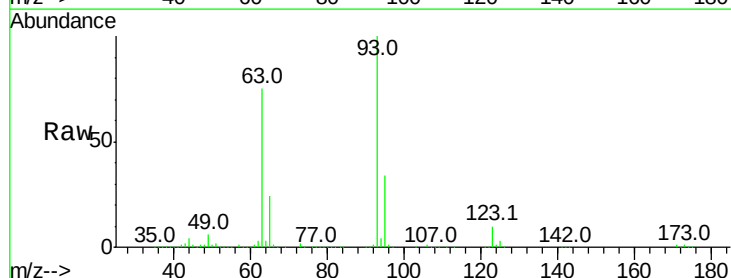
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

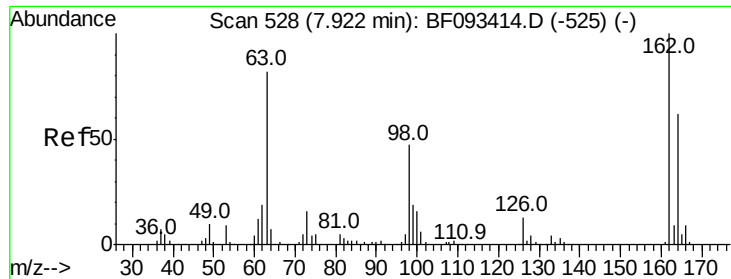
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	94.1	141.1
121	58.0	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.66 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.5	39.7
123	9.9	8.6	13.0

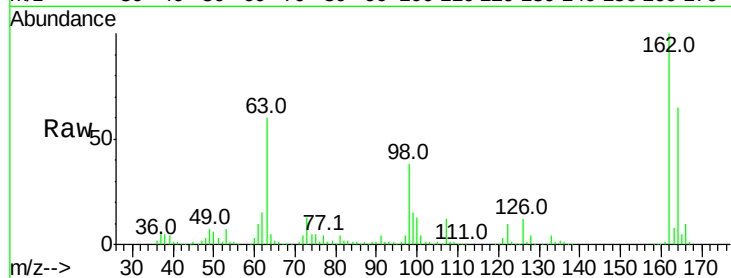




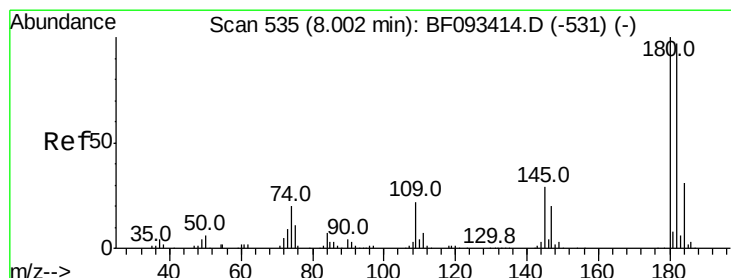
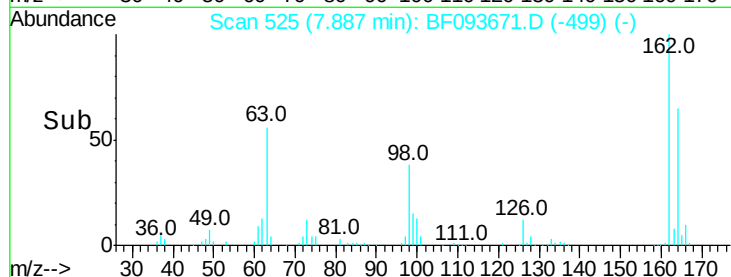
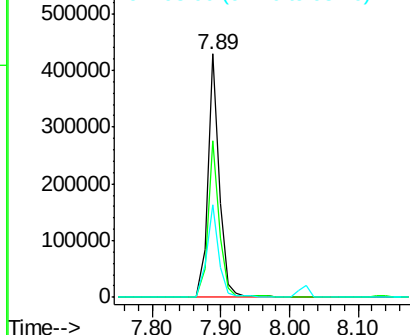
#29
 2,4-Dichlorophenol
 Concen: 49.51 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.8	86.8
98	38.0	9.1	49.1

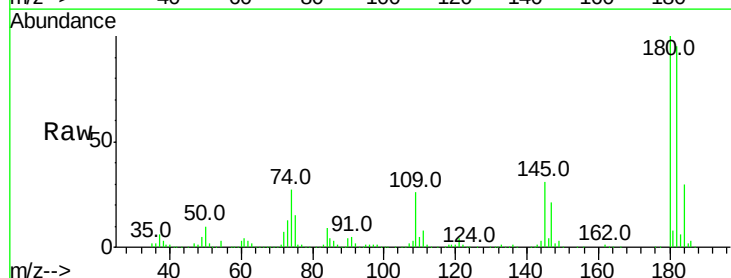


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

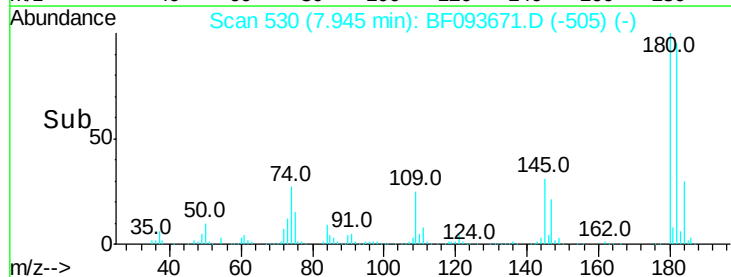
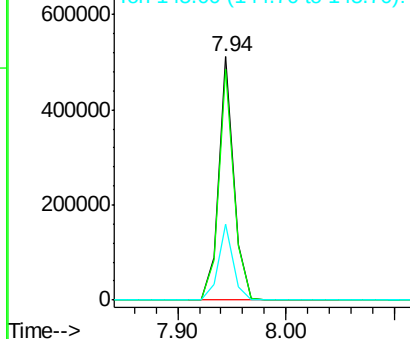


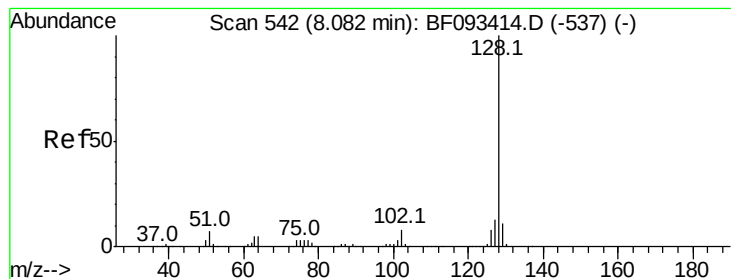
#30
 1,2,4-Trichlorobenzene
 Concen: 46.30 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.2	117.4
145	31.2	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: 48.71 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

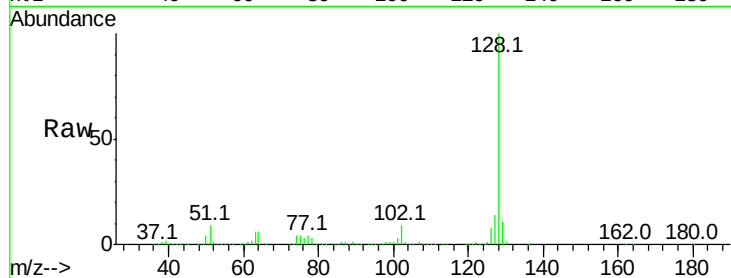
Tot Ion:128 Resp: 1741460

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

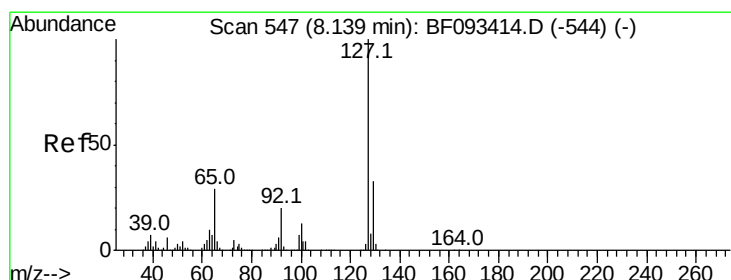
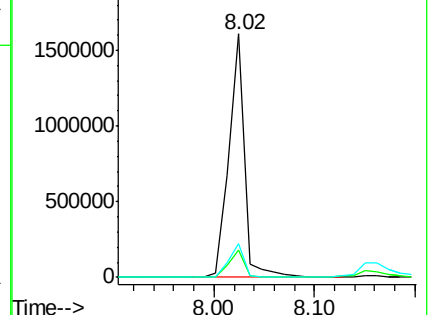
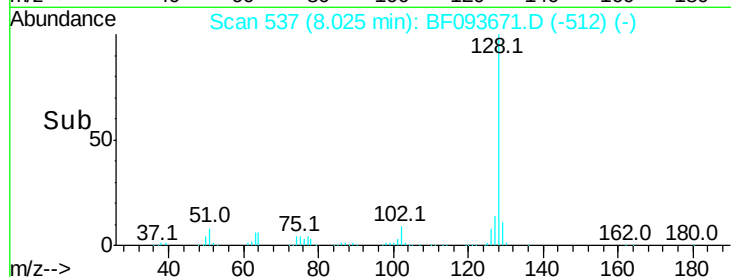
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 15.99 ng m

RT: 8.15 min Scan# 548

Delta R.T. 0.06 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Tgt Ion:127 Resp: 231927

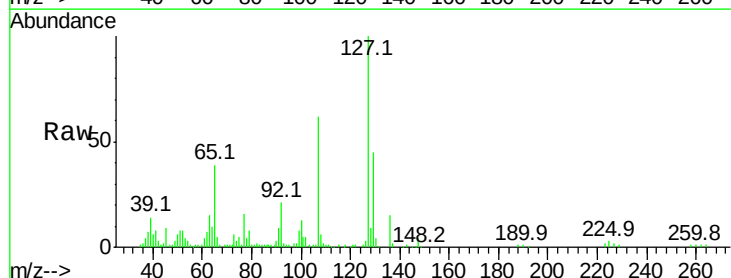
Ion Ratio Lower Upper

127 100

129 45.4 26.3 39.5#

65 39.3 25.8 38.8#

92 21.1 16.1 24.1

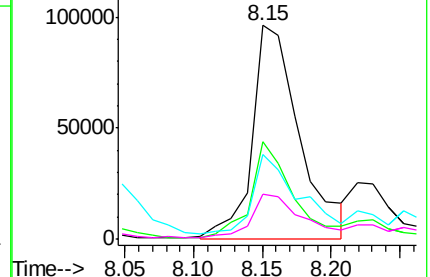
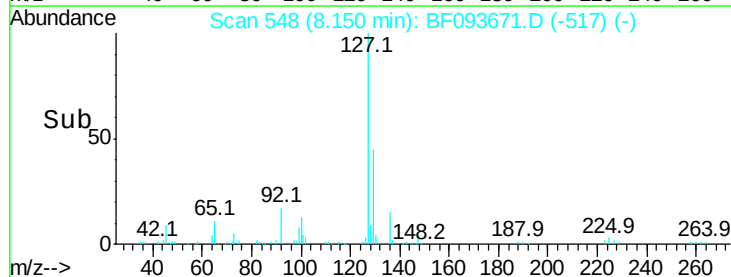


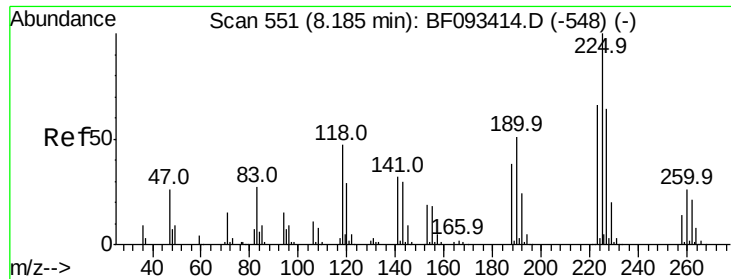
Abundance Ion 127.00 (126.70 to 127.70): E

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

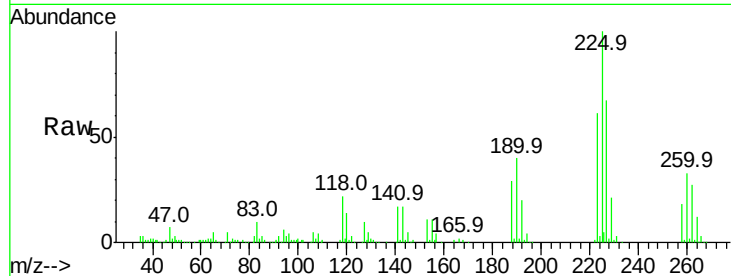




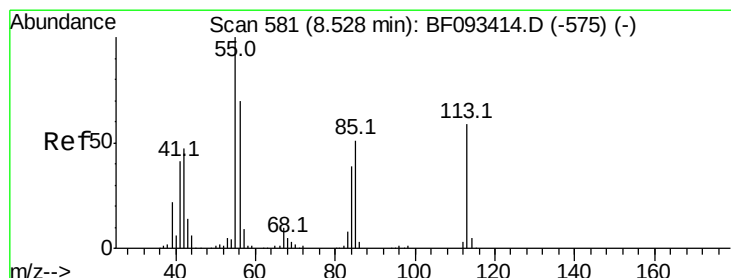
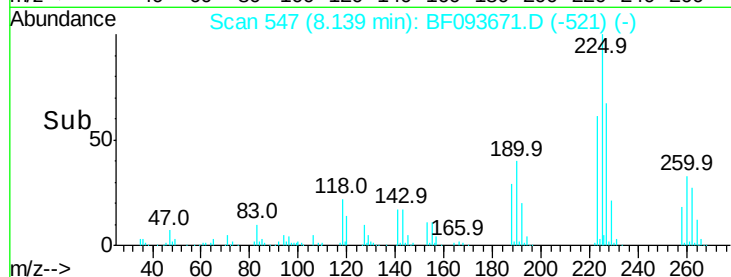
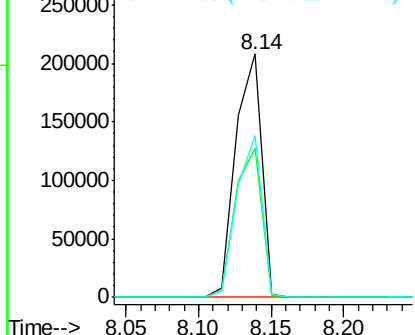
#34
Hexachlorobutadiene
Concen: 46.54 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

Tot Ion:225 Resp: 257259
Ion Ratio Lower Upper
225 100
223 61.2 51.0 76.6
227 66.6 50.6 76.0

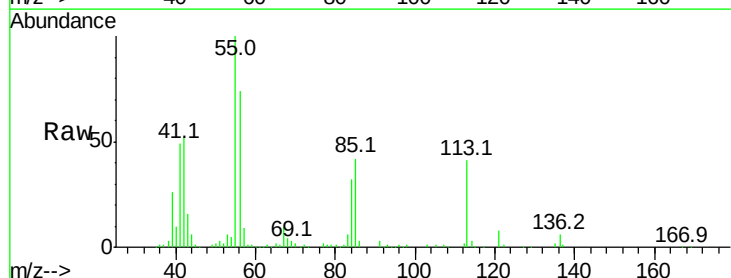


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

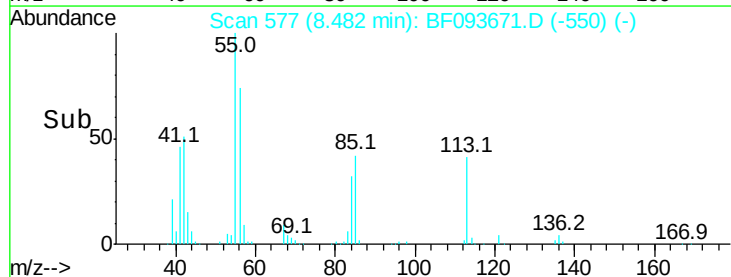
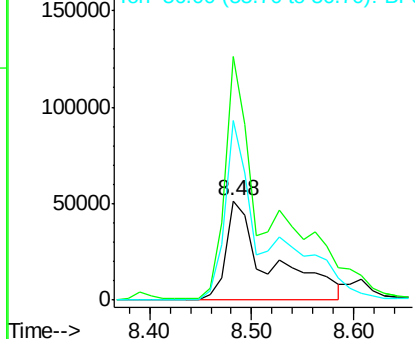


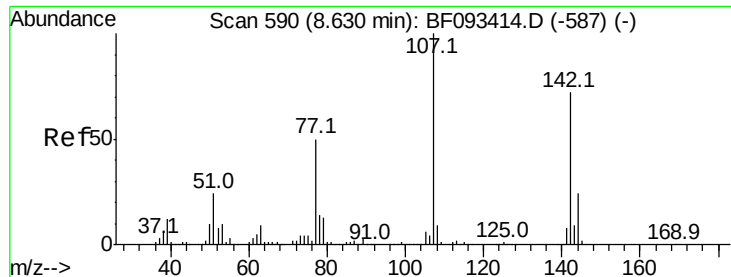
#35
Caprolactam
Concen: 44.85 ng m
RT: 8.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion:113 Resp: 154558
Ion Ratio Lower Upper
113 100
55 245.5 119.2 159.2#
56 181.4 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

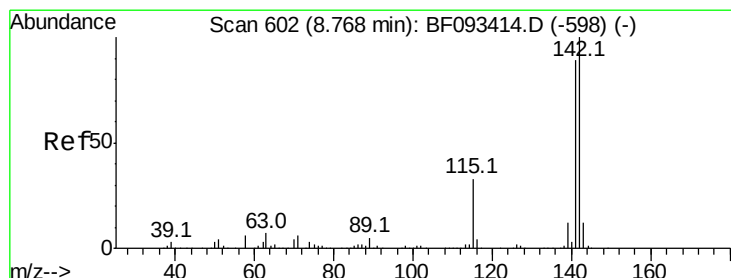
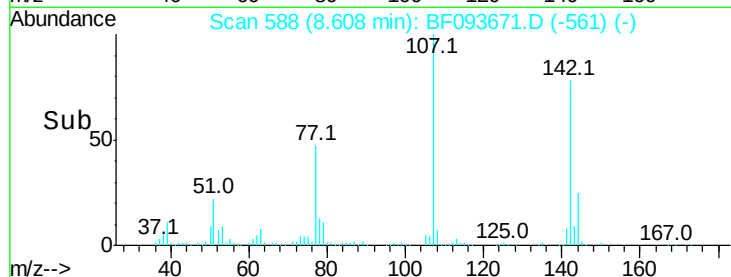
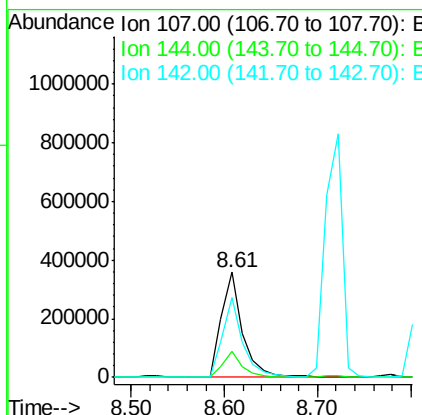
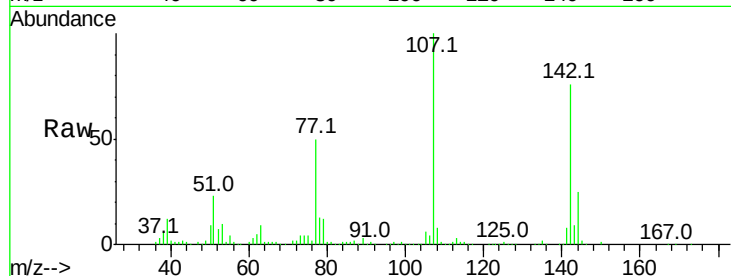




#36
 4-Chloro-3-methylphenol
 Concen: 51.68 ng
 RT: 8.61 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

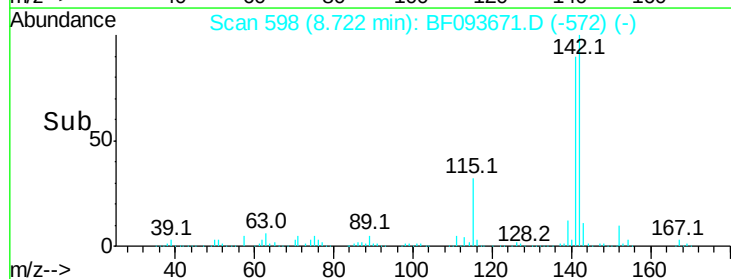
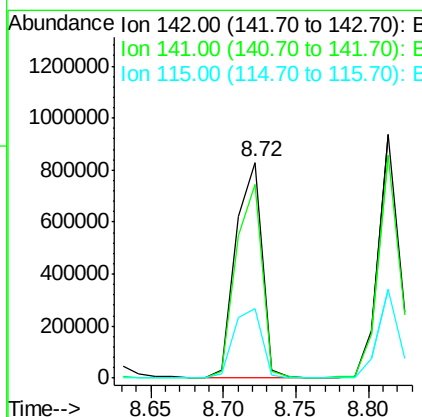
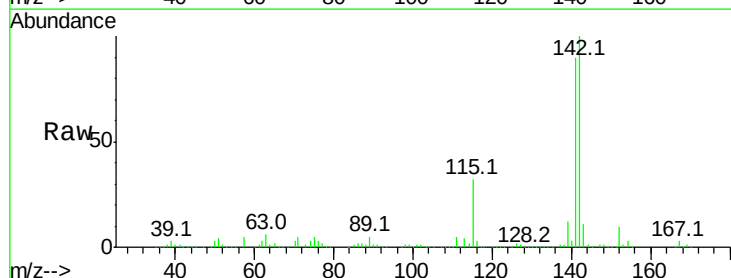
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

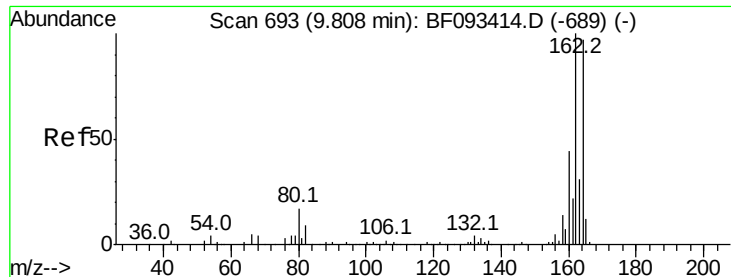
Tot Ion:107 Resp: 556585
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 76.3 59.0 88.6



#37
 2-Methylnaphthalene
 Concen: 45.76 ng
 RT: 8.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion:142 Resp: 1040852
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 32.4 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

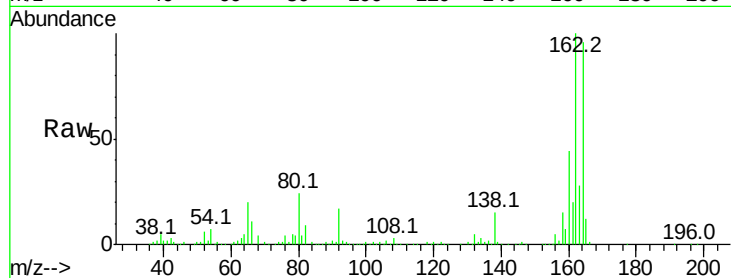
Tot Ion:164 Resp: 318277

Ion Ratio Lower Upper

164 100

162 104.6 80.2 120.2

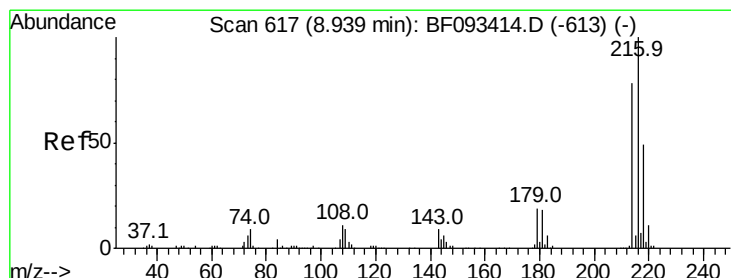
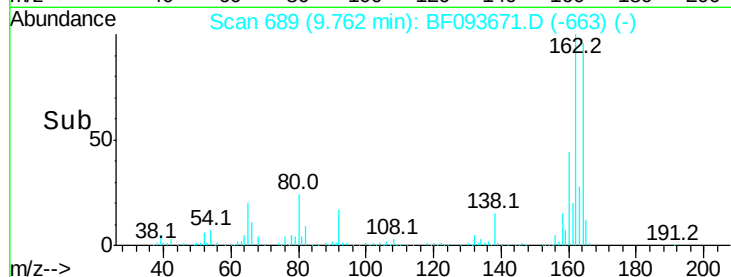
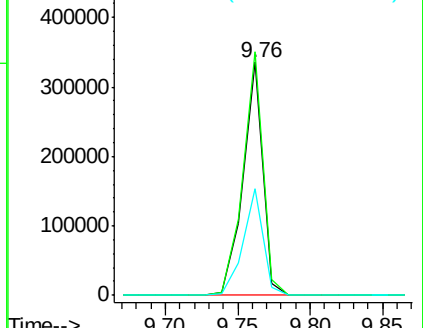
160 46.0 36.9 55.3



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: 52.86 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Tgt Ion:216 Resp: 459410

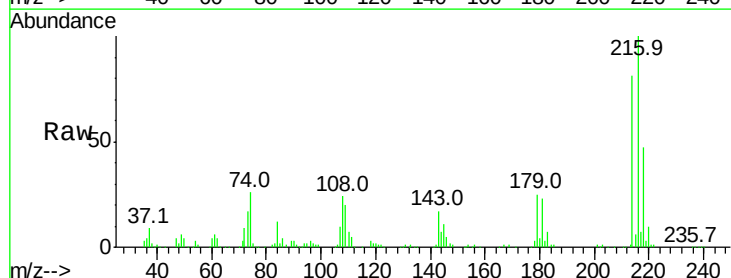
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 21.8 17.4 26.2

108 20.7 15.6 23.4

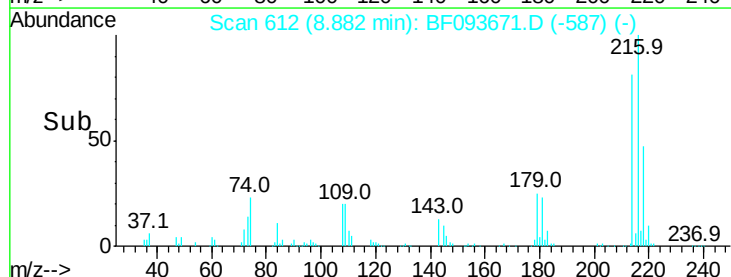
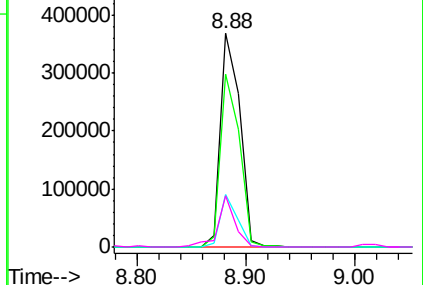


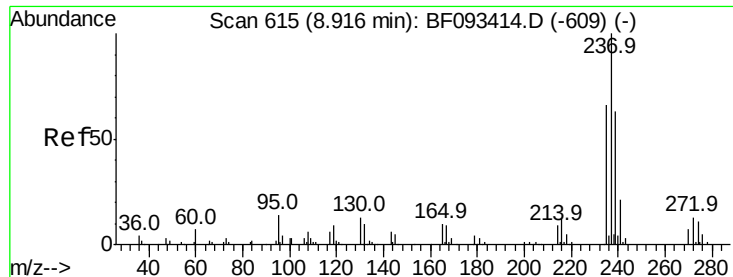
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

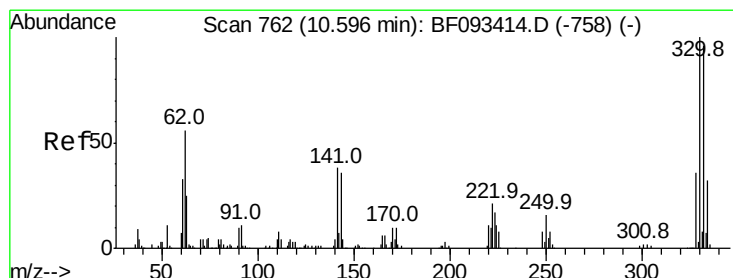
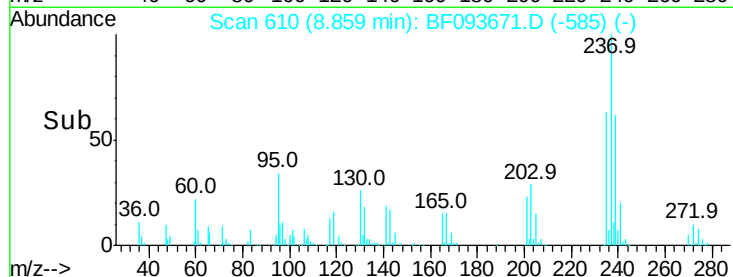
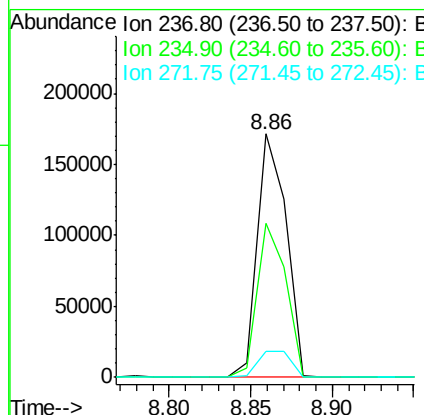
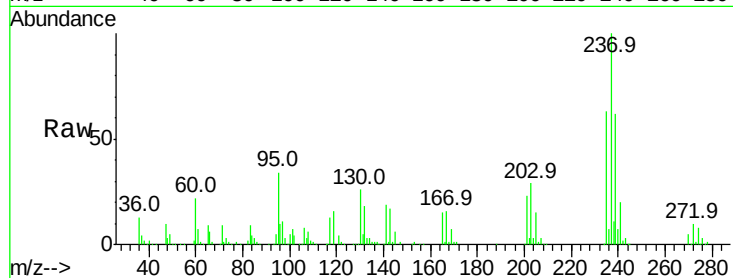




#40
Hexachlorocyclopentadiene
Concen: 93.94 ng
RT: 8.86 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

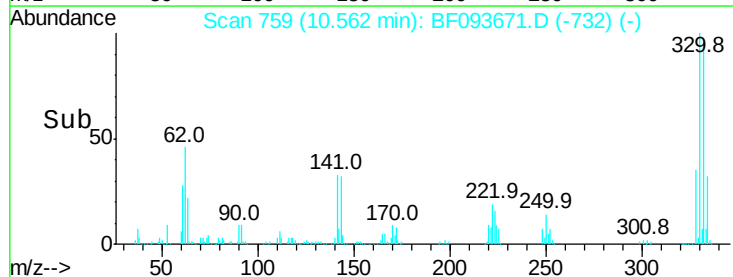
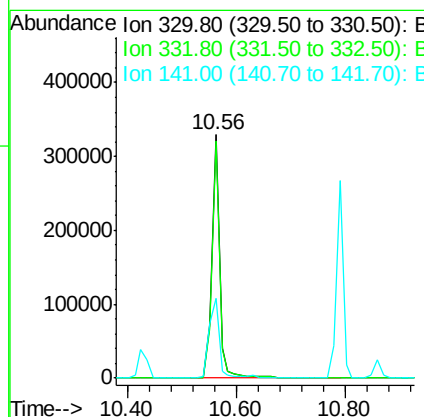
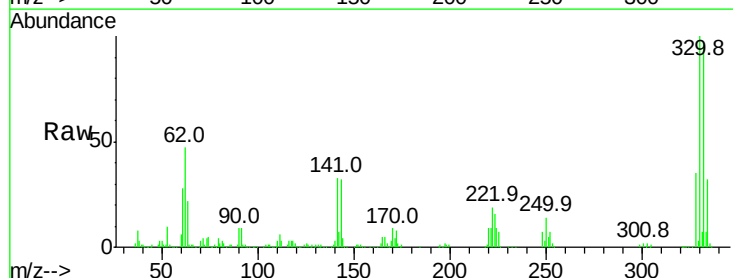
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

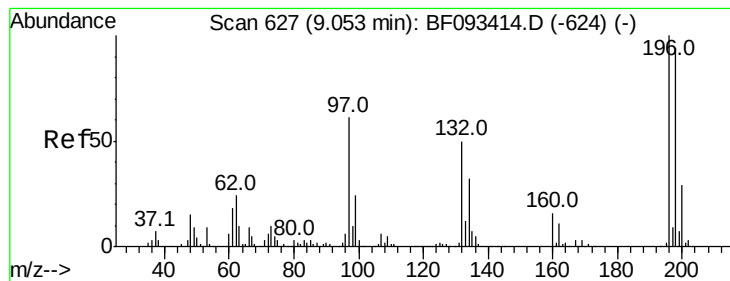
Tot Ion:237 Resp: 211437
Ion Ratio Lower Upper
237 100
235 63.3 41.2 81.2
272 10.4 0.0 35.4



#41
2,4,6-Tribromophenol
Concen: 158.82 ng
RT: 10.56 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion:330 Resp: 329343
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 41.4 34.1 51.1





#42

2,4,6-Trichlorophenol

Concen: 60.59 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

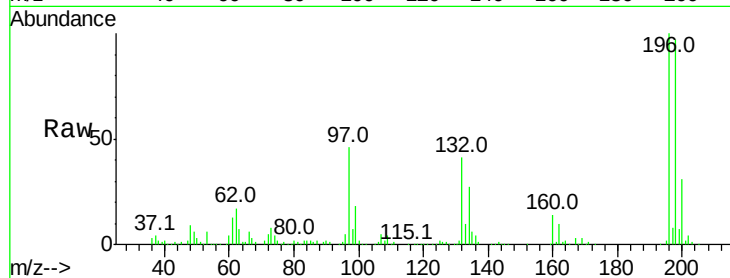
Tot Ion:196 Resp: 328992

Ion Ratio Lower Upper

196 100

198 96.7 82.1 123.1

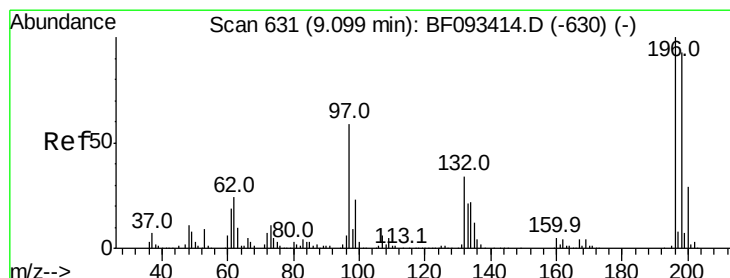
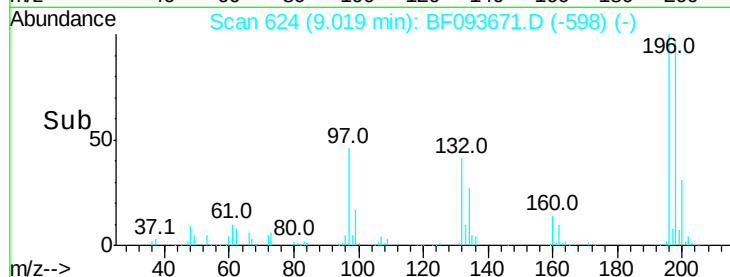
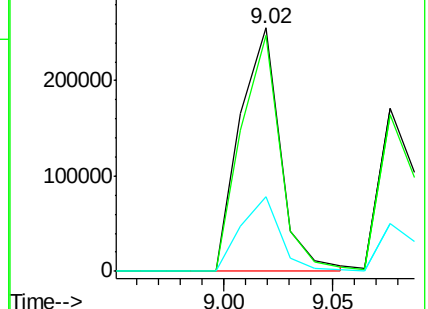
200 30.6 27.0 40.4



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: 52.25 ng

RT: 9.08 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Tgt Ion:196 Resp: 304420

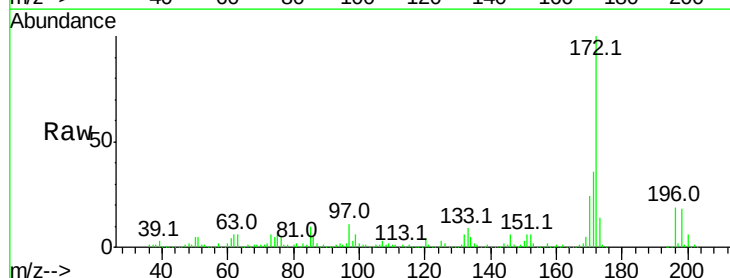
Ion Ratio Lower Upper

196 100

198 96.2 79.4 119.2

97 56.9 51.5 77.3

132 33.9 27.4 41.2

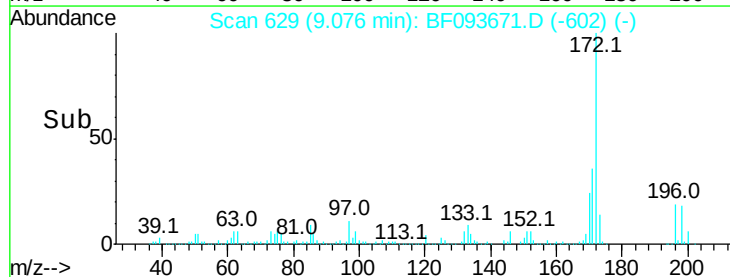
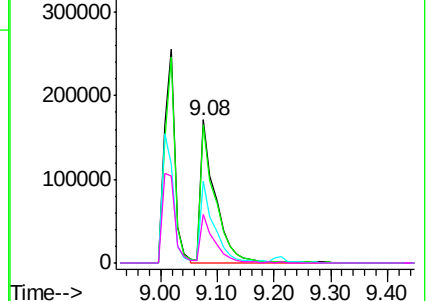


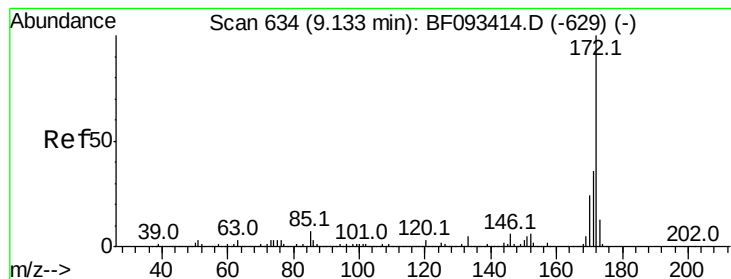
Abundance Ion 196.00 (195.70 to 196.70): E

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: 94.30 ng

RT: 9.09 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

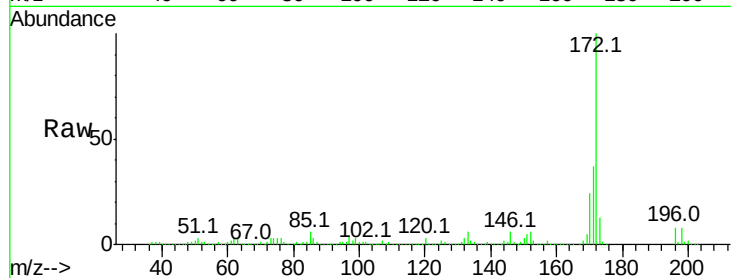
BNA_F

ClientSampleId :

E2-BB7-WSWMS

Tot Ion:172 Resp: 1613547

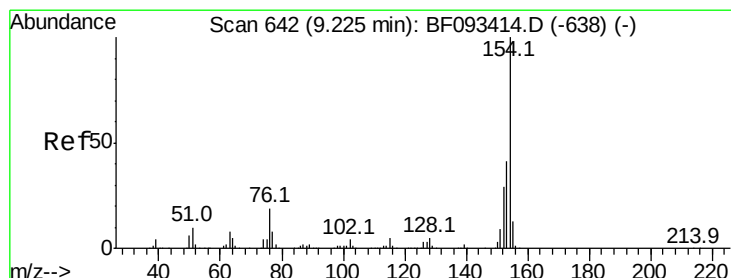
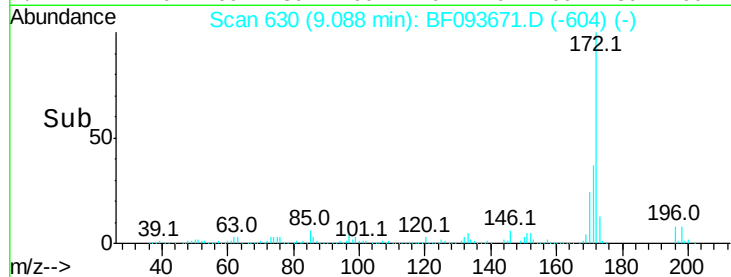
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.5	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 51.71 ng

RT: 9.18 min Scan# 638

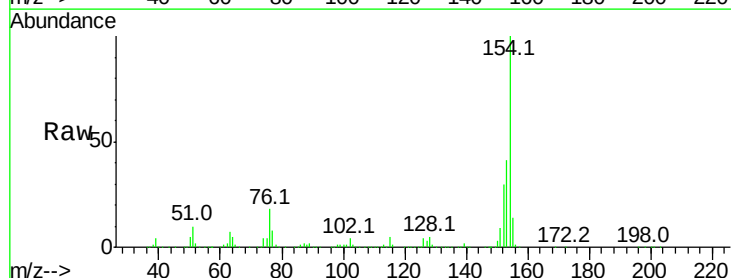
Delta R.T. -0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Tgt Ion:154 Resp: 1198900

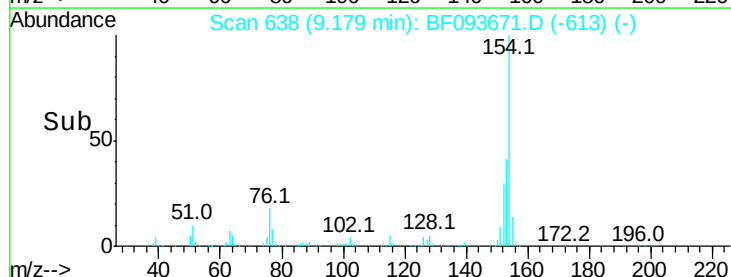
Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	17.8	0.0	30.5

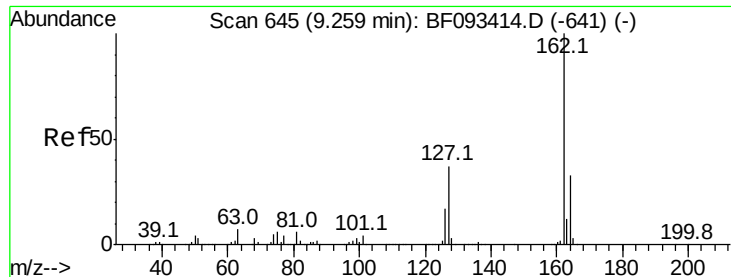


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

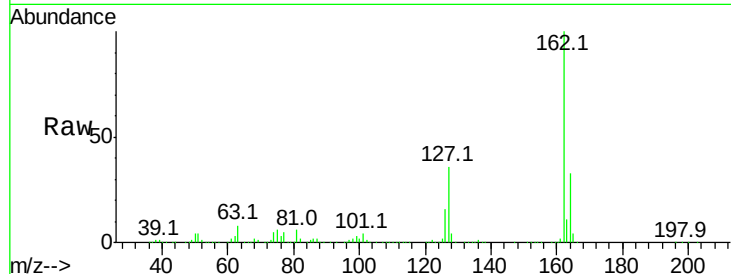




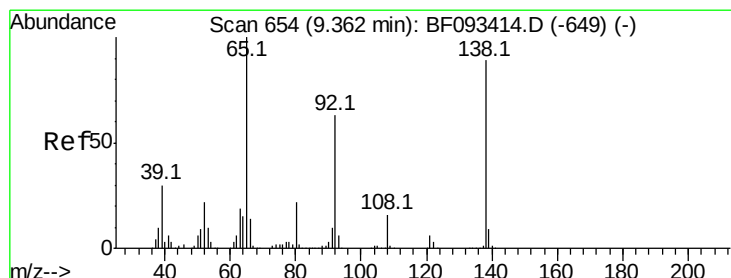
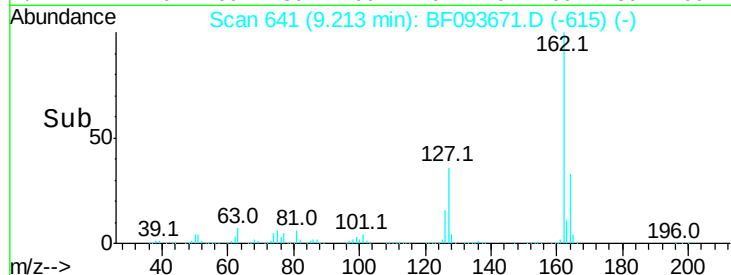
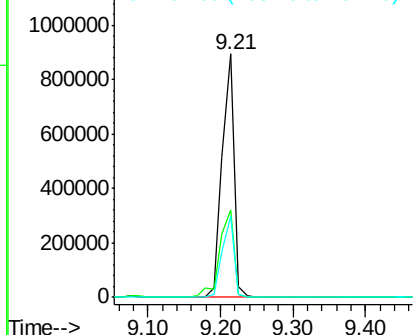
#46
 2-Chloronaphthalene
 Concen: 57.60 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

Tot Ion:162 Resp: 1022302
 Ion Ratio Lower Upper
 162 100
 127 36.2 30.7 46.1
 164 33.3 27.6 41.4

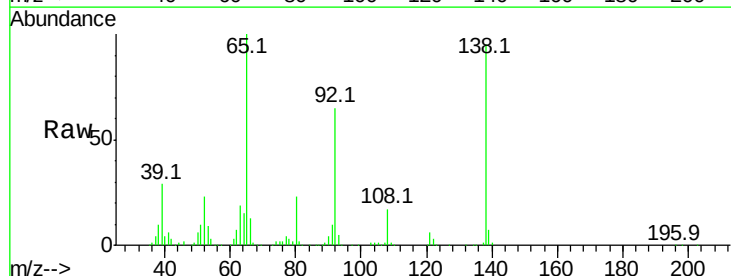


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

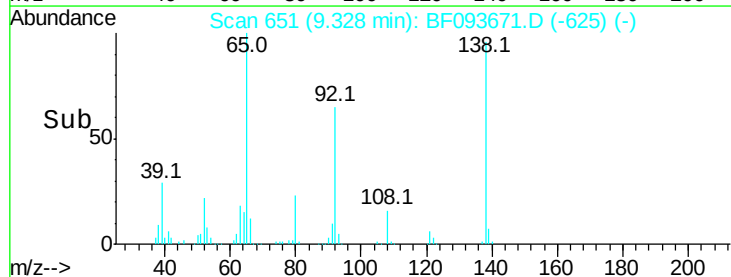
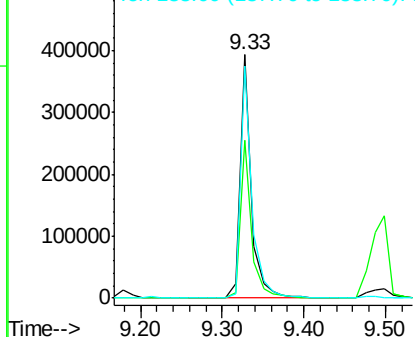


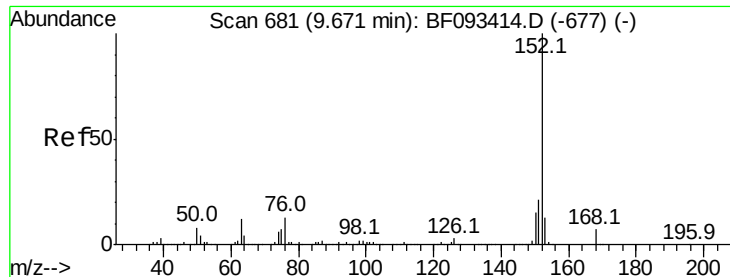
#47
 2-Nitroaniline
 Concen: 60.20 ng
 RT: 9.33 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion: 65 Resp: 377691
 Ion Ratio Lower Upper
 65 100
 92 64.9 53.9 80.9
 138 95.5 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 53.41 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

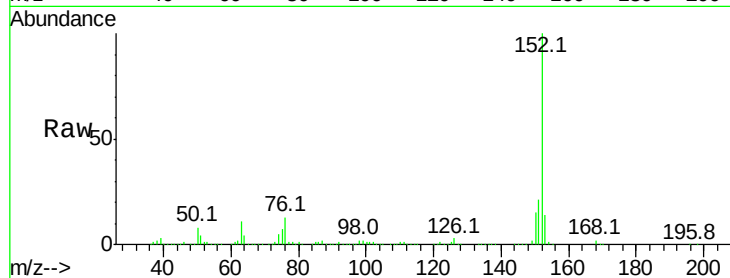
Tot Ion:152 Resp: 1563274

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

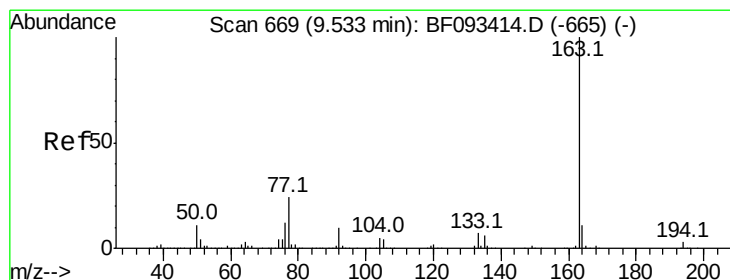
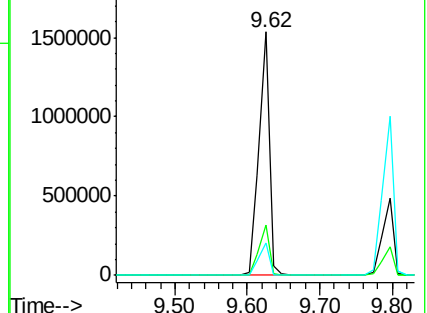
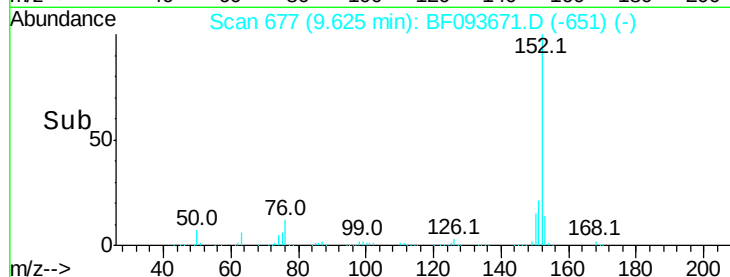
153 13.6 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 70.52 ng

RT: 9.50 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

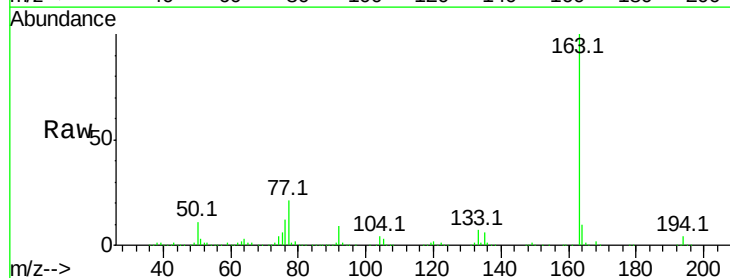
Tgt Ion:163 Resp: 1488089

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

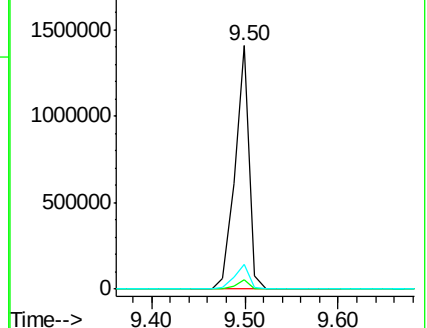
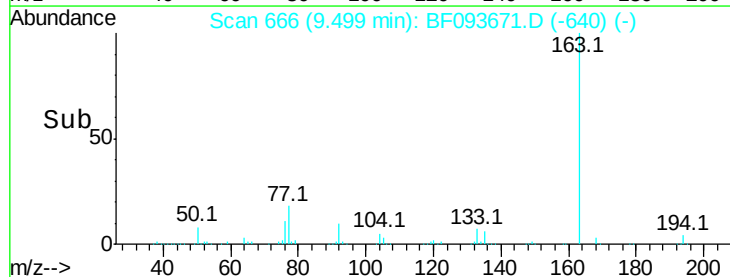
164 10.4 8.0 12.0

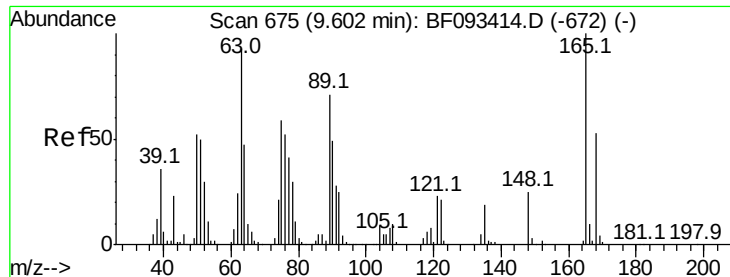


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

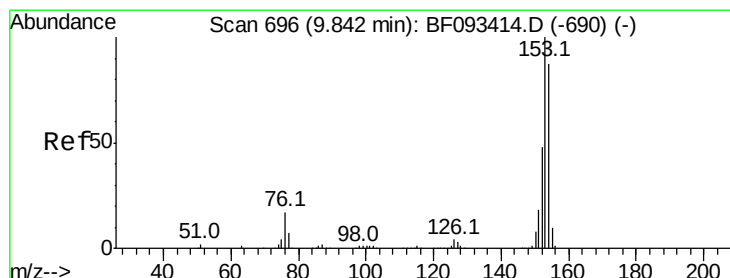
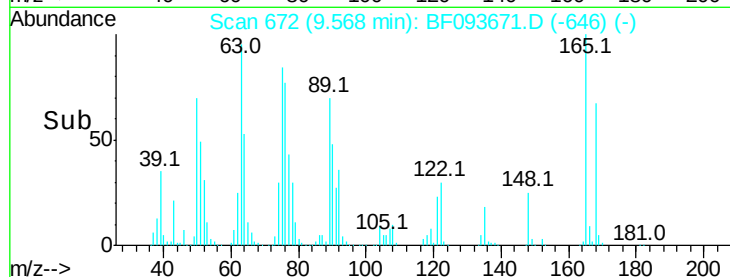
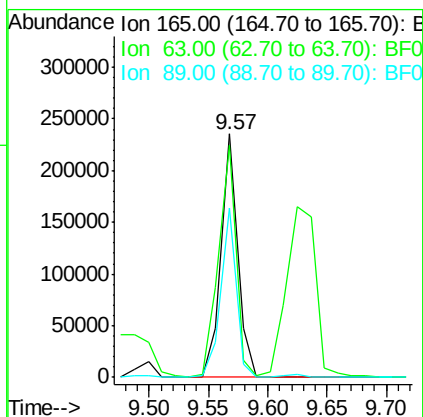
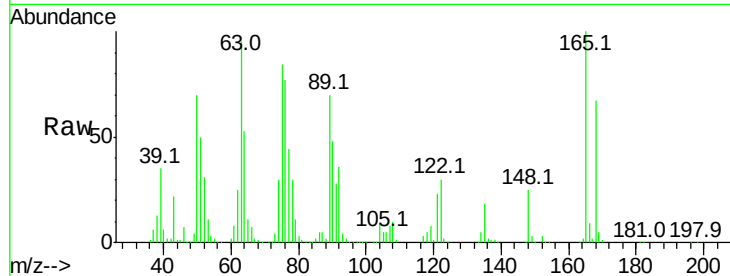




#50
2,6-Dinitrotoluene
Concen: 49.51 ng
RT: 9.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

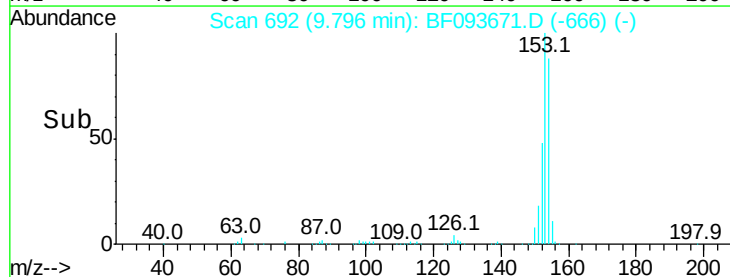
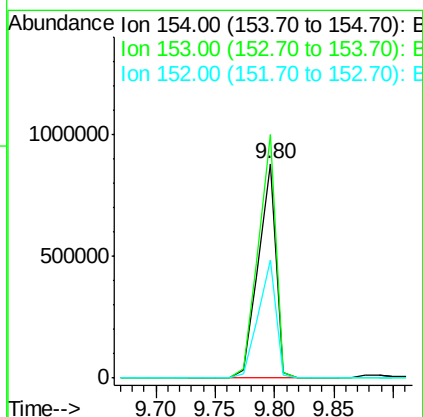
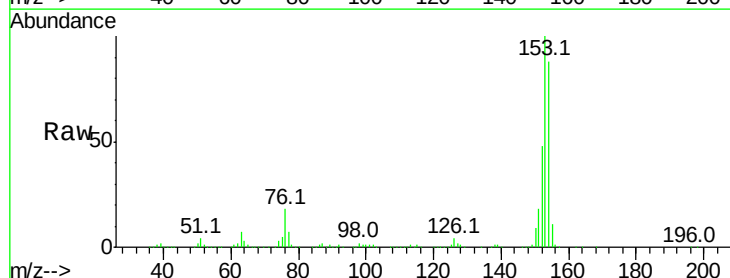
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

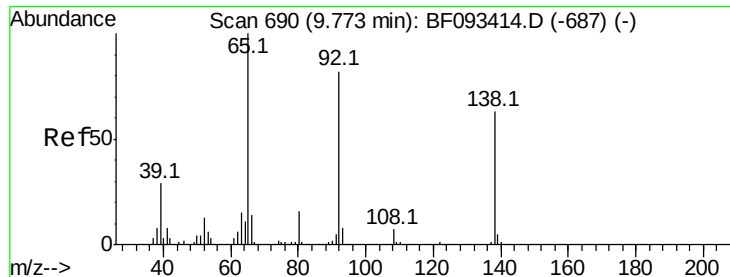
Tot Ion:165 Resp: 229215
Ion Ratio Lower Upper
165 100
63 95.1 36.2 54.4#
89 69.6 40.2 60.4#



#51
Acenaphthene
Concen: 53.60 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion:154 Resp: 927659
Ion Ratio Lower Upper
154 100
153 113.7 88.6 133.0
152 55.0 41.6 62.4

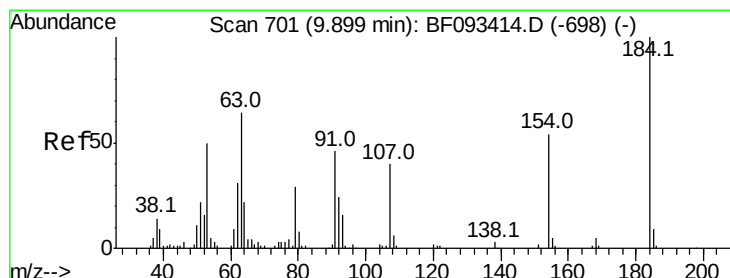
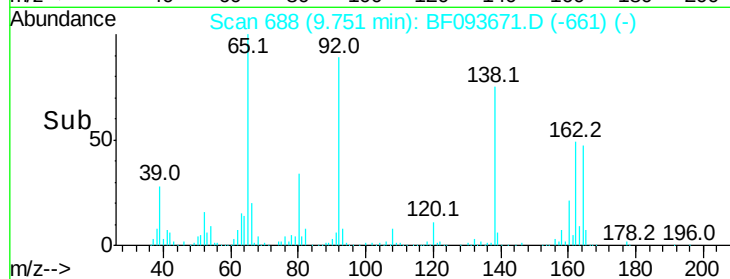
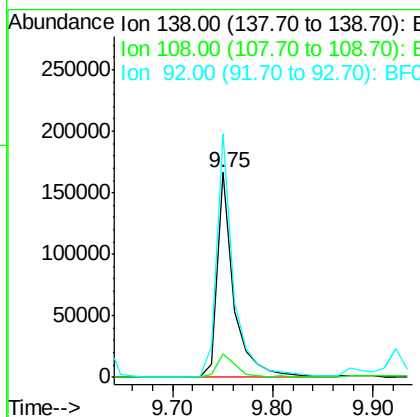
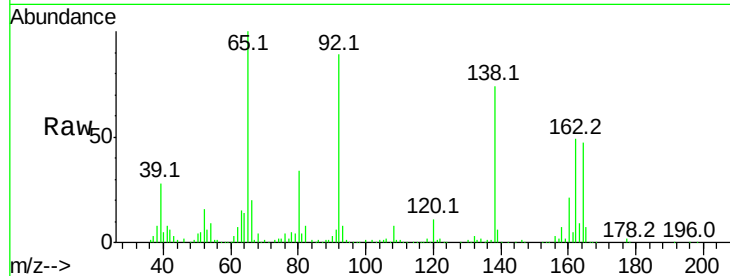




#52
 3-Nitroaniline
 Concen: 34.45 ng
 RT: 9.75 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

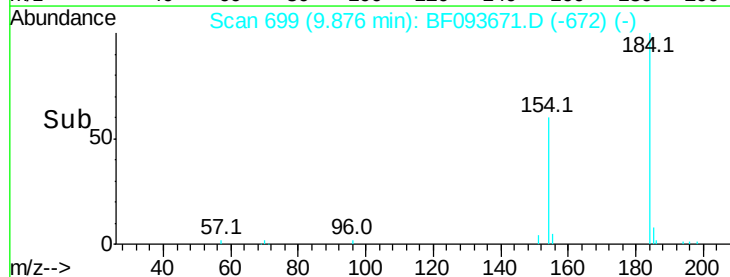
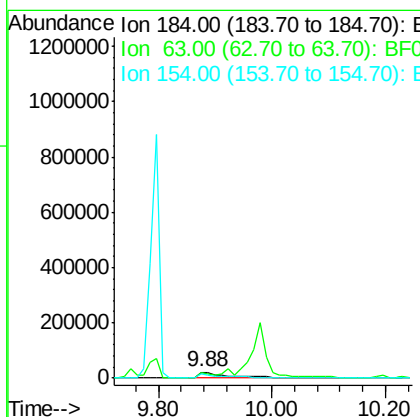
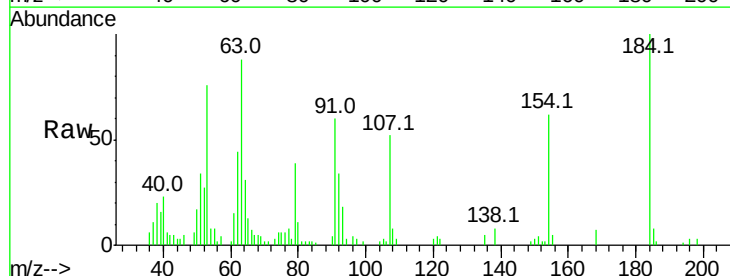
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

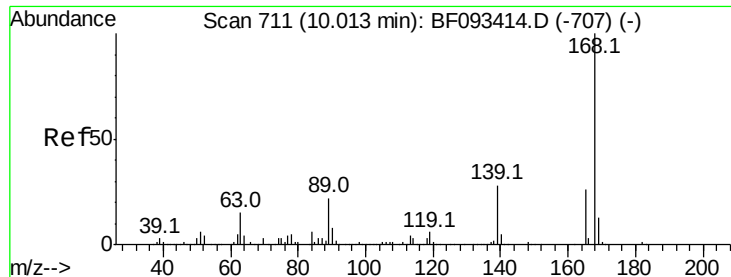
Tot Ion:138 Resp: 191640
 Ion Ratio Lower Upper
 138 100
 108 11.3 8.5 12.7
 92 118.9 97.8 146.8



#53
 2,4-Dinitrophenol
 Concen: 44.28 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion:184 Resp: 93358
 Ion Ratio Lower Upper
 184 100
 63 88.2 28.4 42.6#
 154 61.7 44.3 66.5

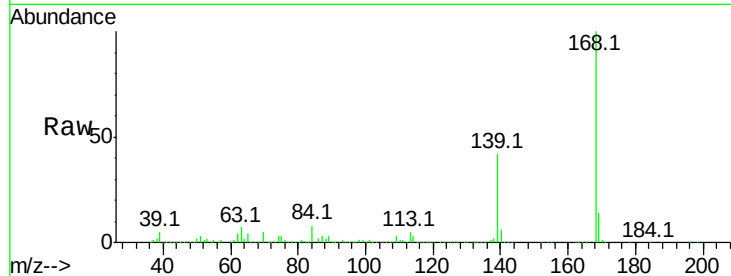




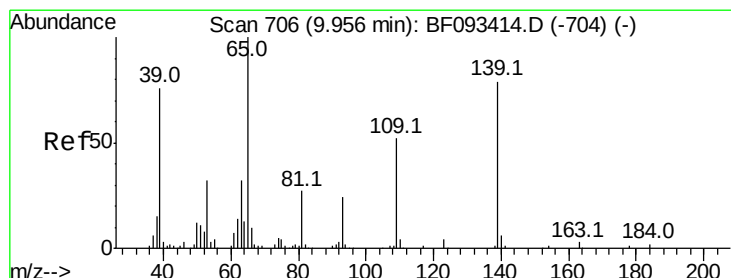
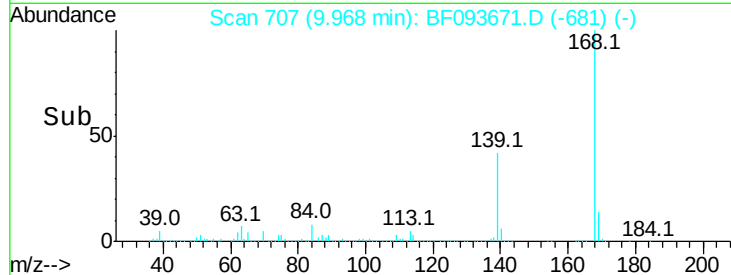
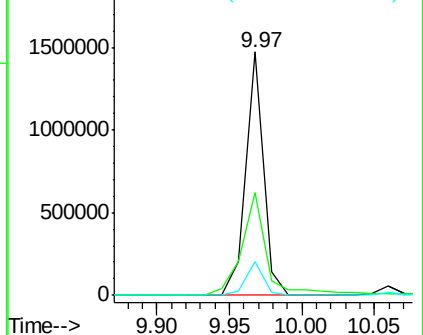
#54
Dibenzofuran
Concen: 57.92 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

Tot Ion:168 Resp: 1254773
Ion Ratio Lower Upper
168 100
139 42.4 32.6 49.0
169 13.9 11.3 16.9

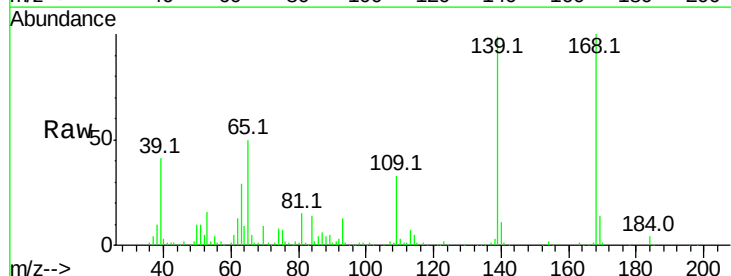


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

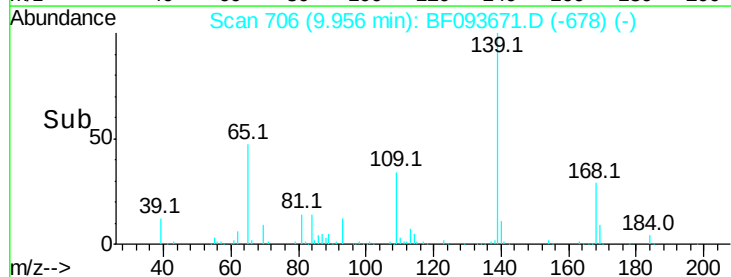
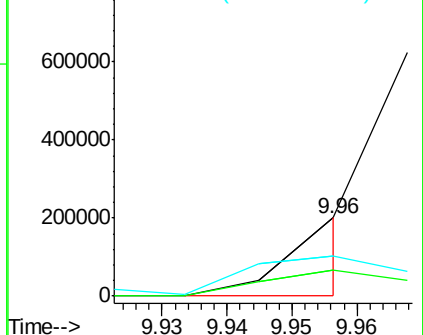


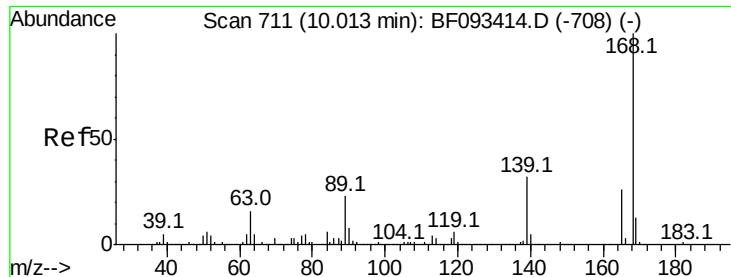
#55
4-Nitrophenol
Concen: 61.39 ng m
RT: 9.96 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion:139 Resp: 165869
Ion Ratio Lower Upper
139 100
109 33.7 52.2 92.2#
65 51.1 85.8 125.8#



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





#56

2,4-Dinitrotoluene

Concen: 61.92 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

Tot Ion:165 Resp: 352183

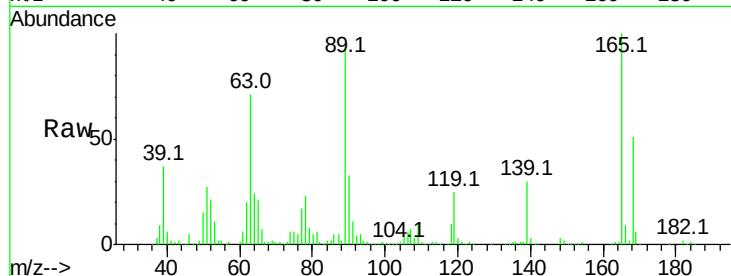
Ion Ratio Lower Upper

165 100

63 71.2 40.2 60.4#

89 92.6 62.5 93.7

182 2.3 1.8 2.8

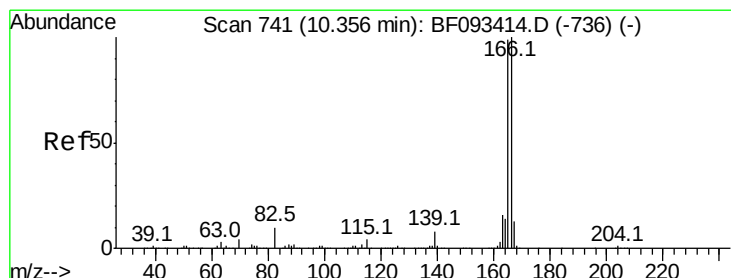
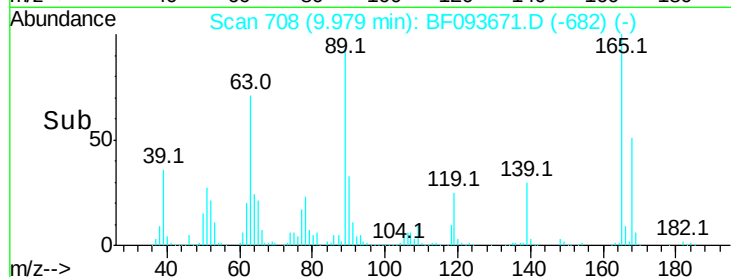
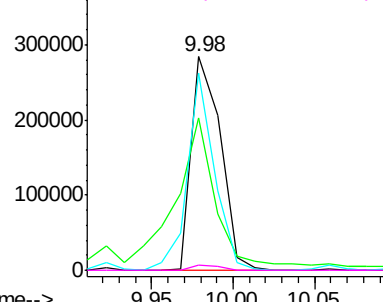


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 52.08 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

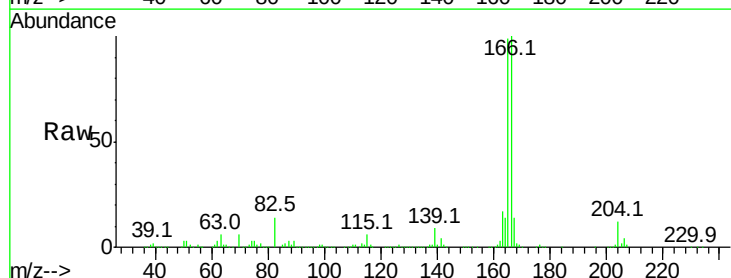
Tgt Ion:166 Resp: 956098

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

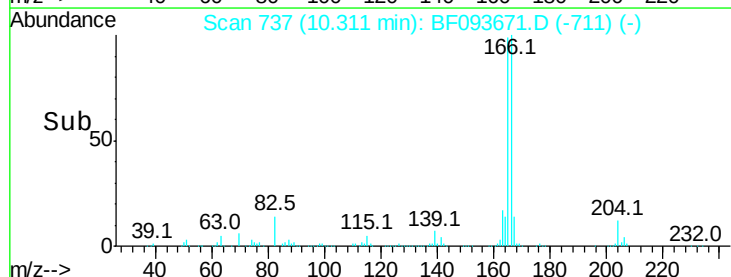
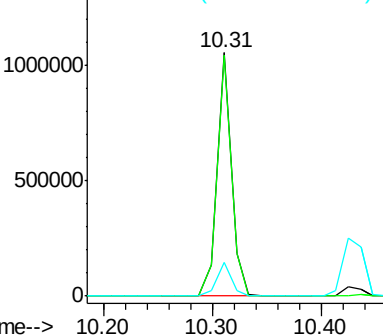
167 13.8 10.8 16.2

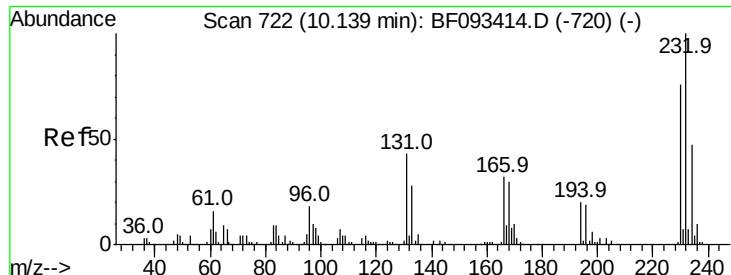


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

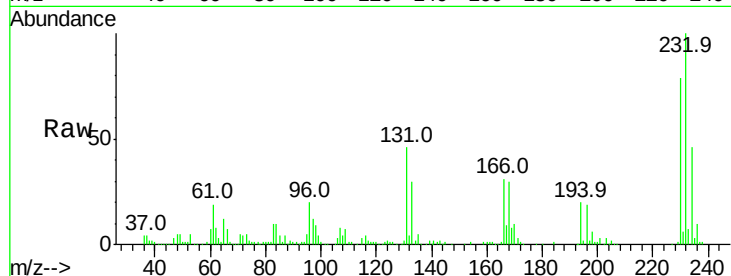




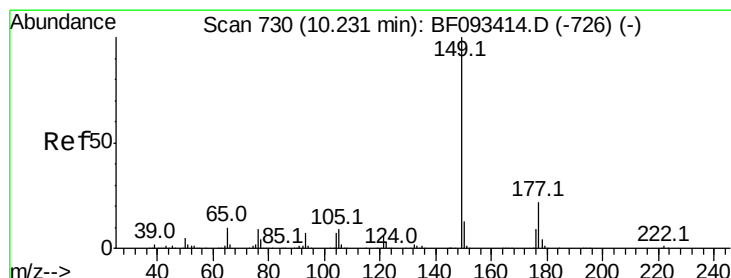
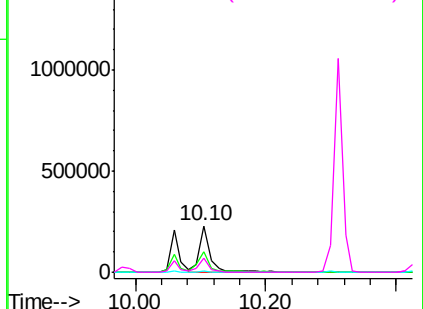
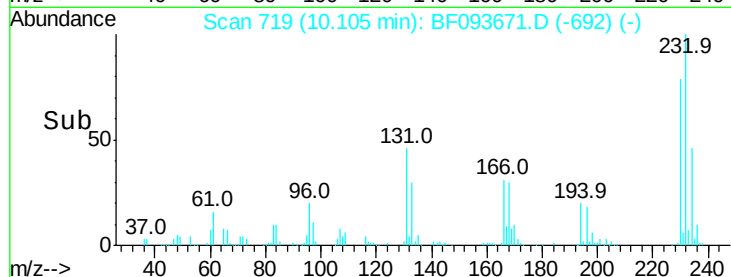
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 63.67 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

Tot Ion:232 Resp: 261784
 Ion Ratio Lower Upper
 232 100
 131 43.9 40.1 60.1
 130 2.5 1.8 2.8
 166 30.1 26.6 39.8

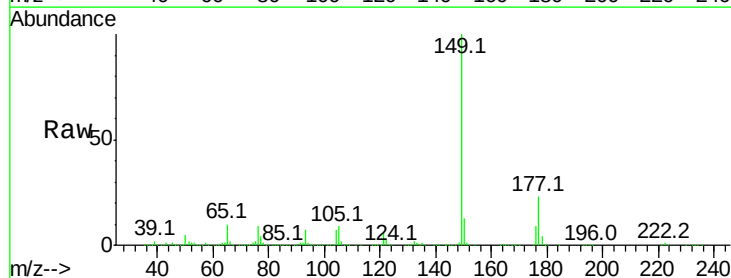


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

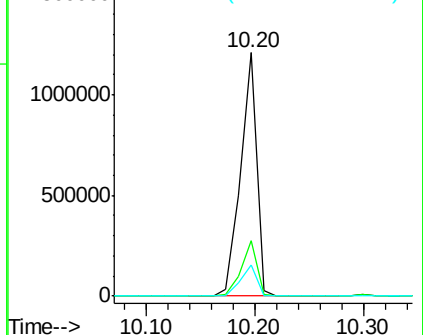
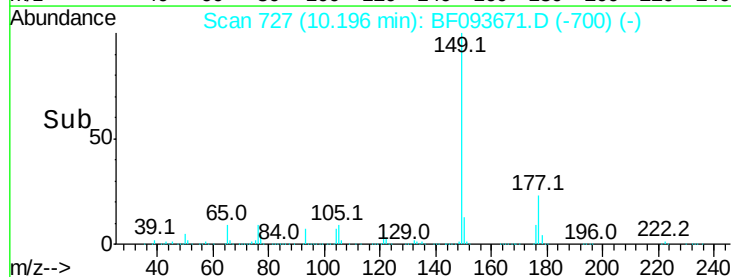


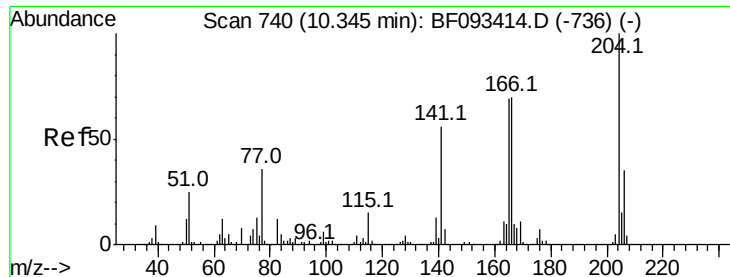
#59
 Diethylphthalate
 Concen: 60.43 ng
 RT: 10.20 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion:149 Resp: 1218565
 Ion Ratio Lower Upper
 149 100
 177 22.6 16.6 25.0
 150 12.5 10.4 15.6



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

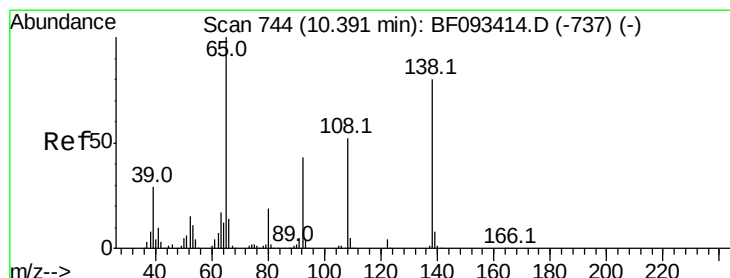
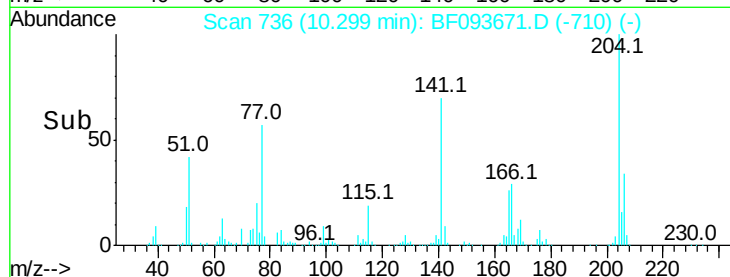
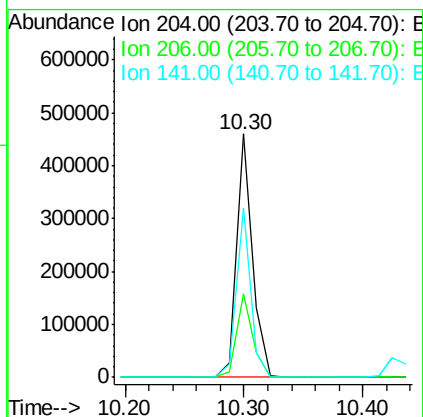
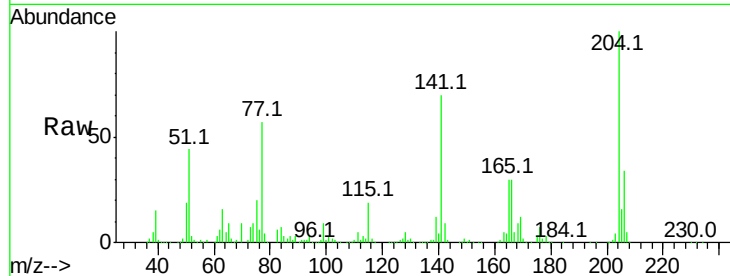




#60
4-Chlorophenyl-phenylether
Concen: 52.04 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

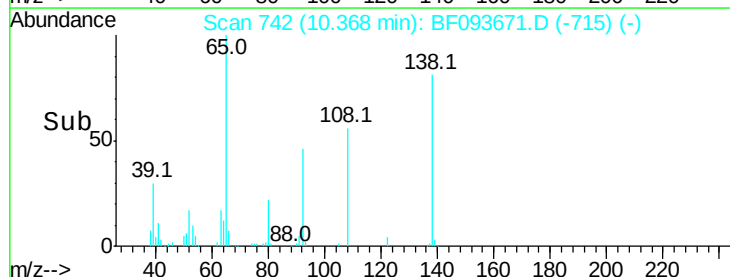
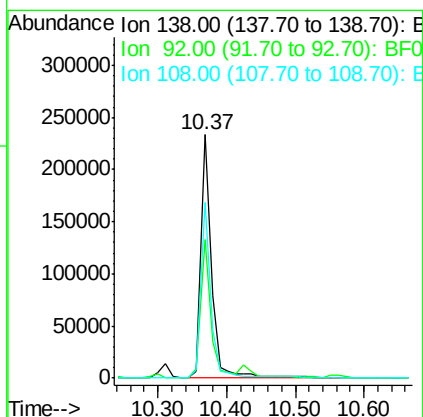
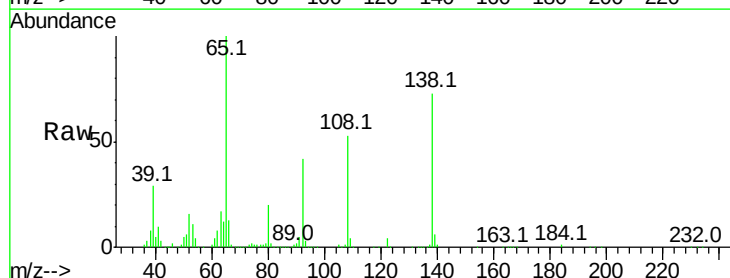
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

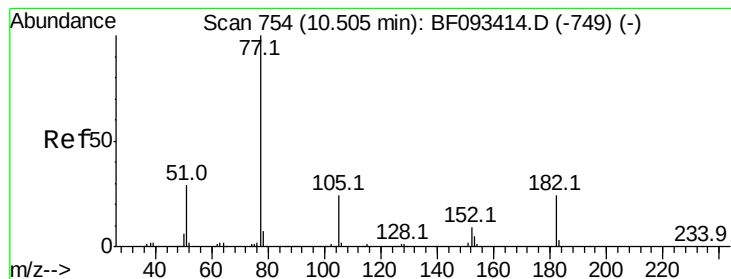
Tot Ion:204 Resp: 428208
Ion Ratio Lower Upper
204 100
206 34.1 25.8 38.6
141 69.6 59.4 89.0



#61
4-Nitroaniline
Concen: 43.21 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion:138 Resp: 245788
Ion Ratio Lower Upper
138 100
92 57.1 31.7 71.7
108 72.1 52.6 92.6





#62

Azobenzene

Concen: 58.35 ng

RT: 10.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

Tot Ion: 77 Resp: 1337196

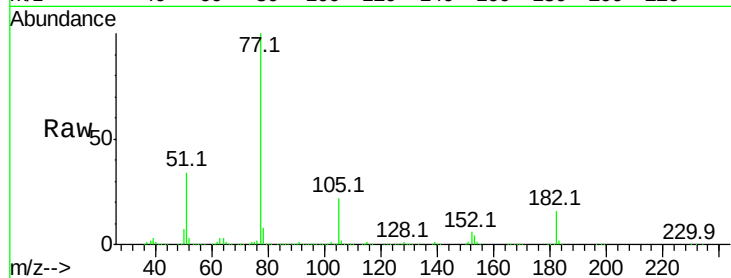
Ion Ratio Lower Upper

77 100

182 16.1 0.0 39.3

105 21.7 2.3 42.3

51 34.0 8.9 48.9

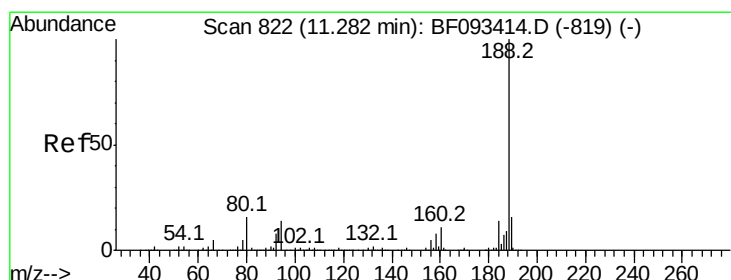
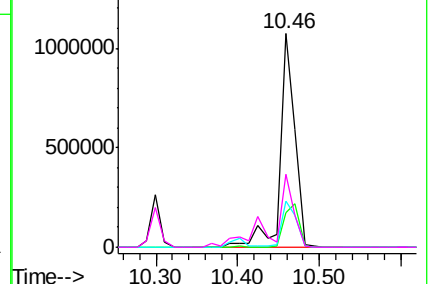
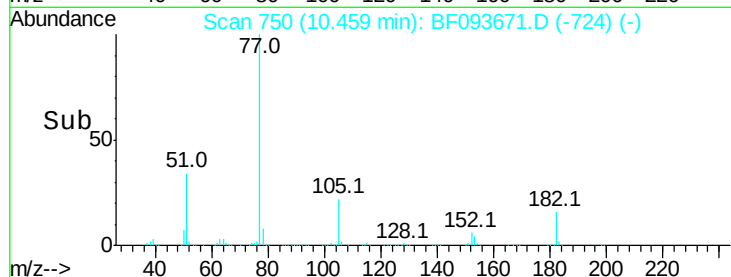


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

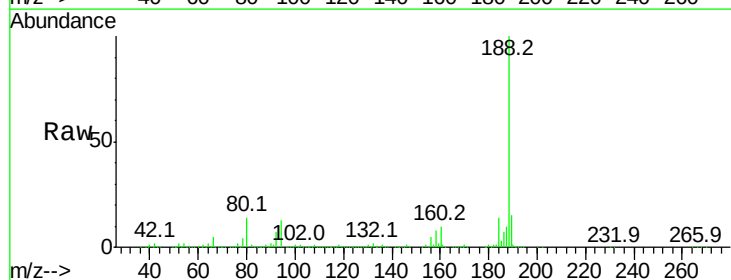
Tgt Ion: 188 Resp: 568609

Ion Ratio Lower Upper

188 100

94 12.6 10.0 15.0

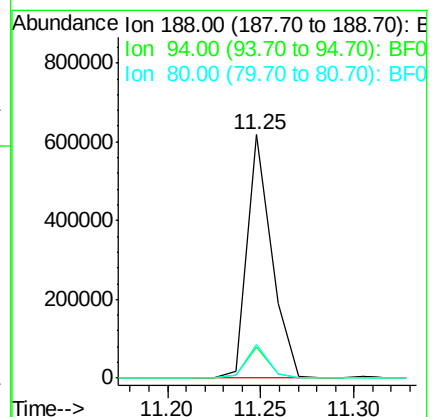
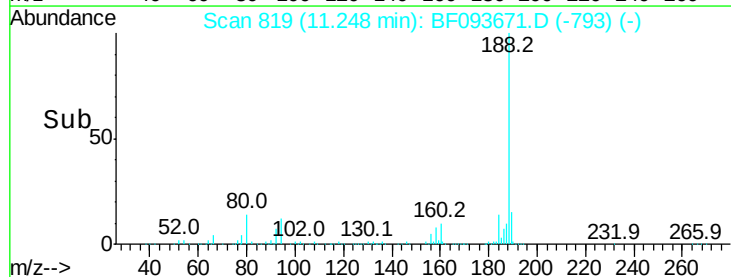
80 14.0 11.2 16.8

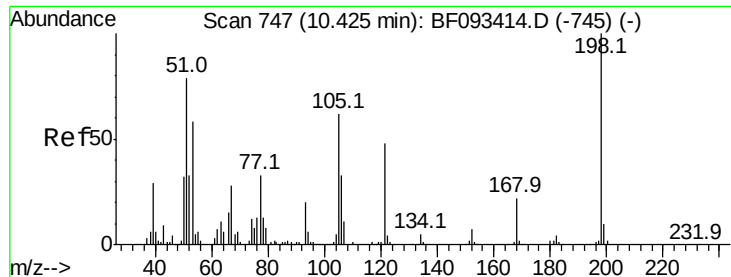


Abundance Ion 188.00 (187.70 to 188.70): E

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: 38.54 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

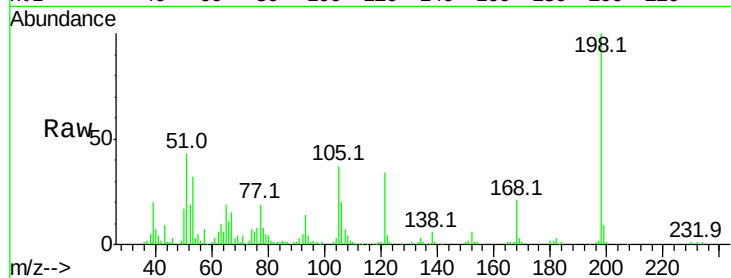
Tot Ion:198 Resp: 141977

Ion Ratio Lower Upper

198 100

51 43.0 6.7 46.7

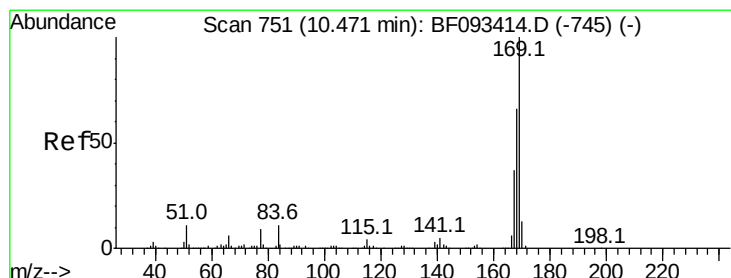
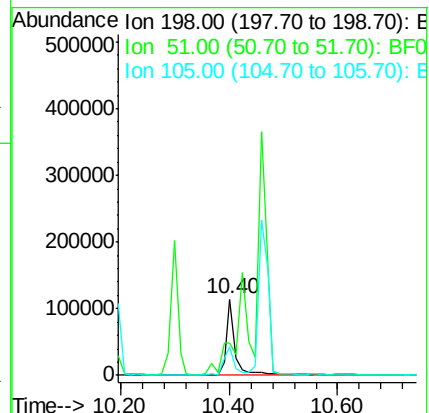
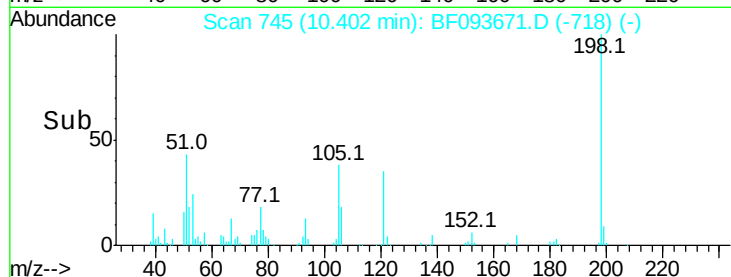
105 37.1 16.6 56.6



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: 46.93 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

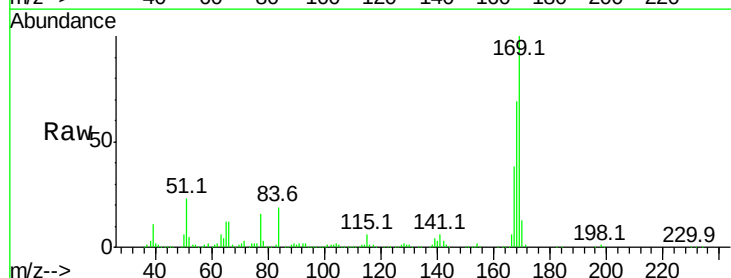
Tgt Ion:169 Resp: 891058

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

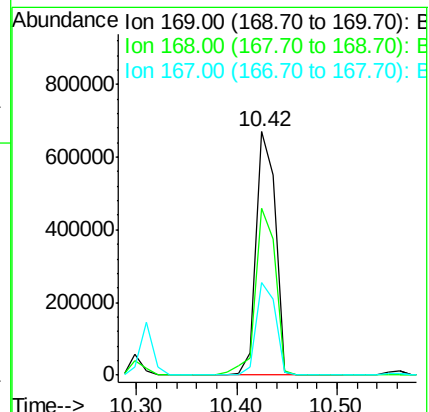
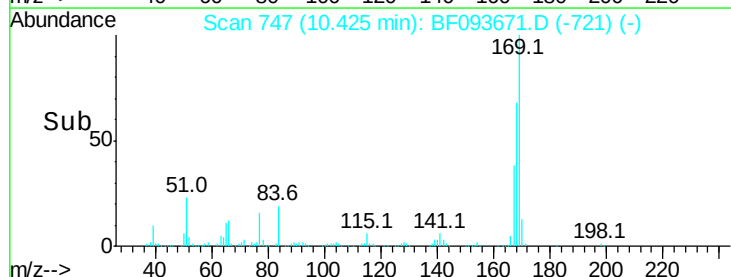
167 37.8 30.2 45.4

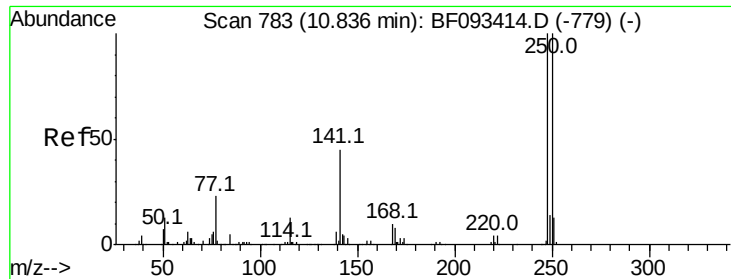


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 44.85 ng

RT: 10.79 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

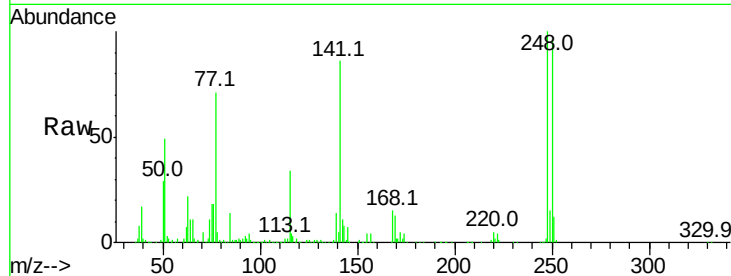
Tot Ion:248 Resp: 269649

Ion Ratio Lower Upper

248 100

250 96.0 76.9 115.3

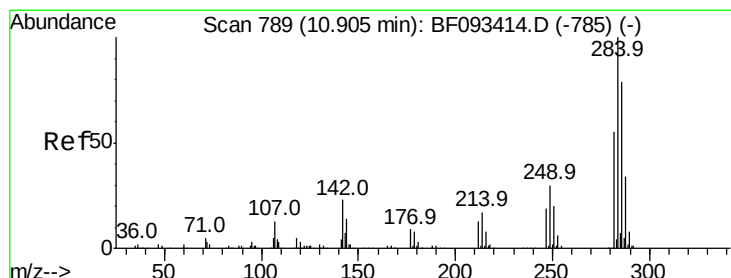
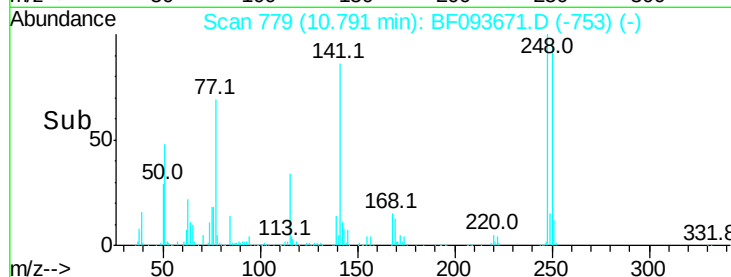
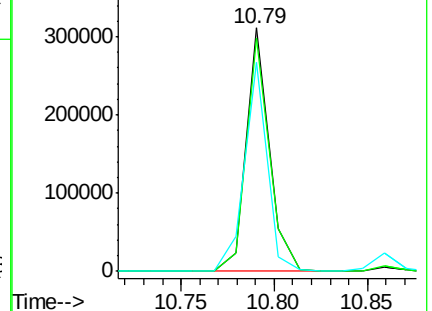
141 85.7 68.2 102.4



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: 45.36 ng

RT: 10.86 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

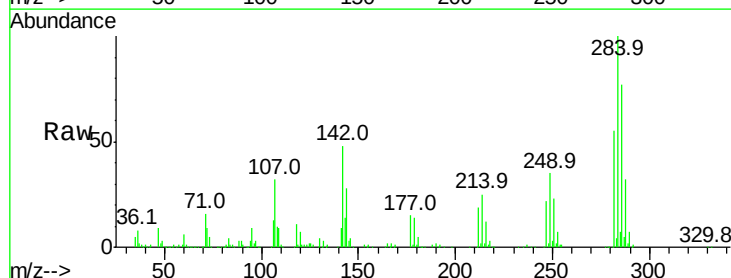
Tgt Ion:284 Resp: 260412

Ion Ratio Lower Upper

284 100

142 48.3 22.6 33.8#

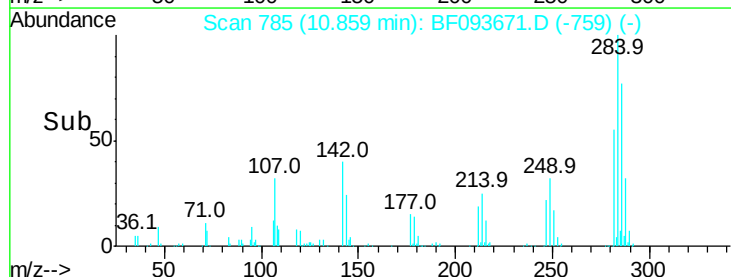
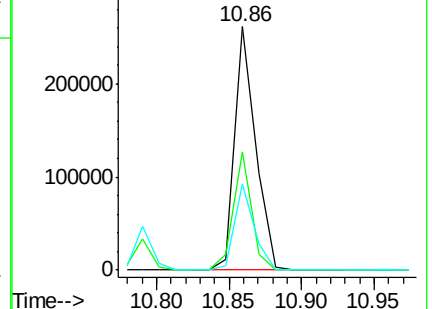
249 35.2 25.4 38.0

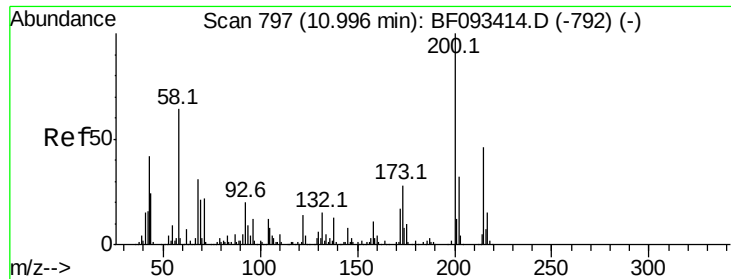


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

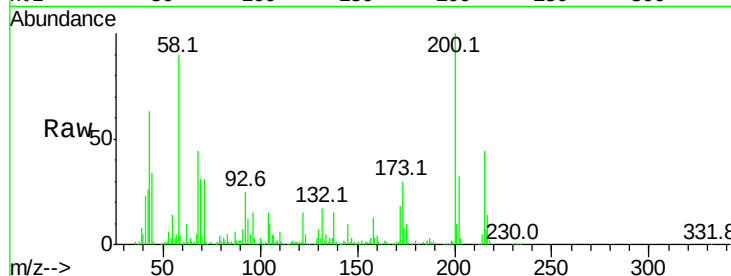




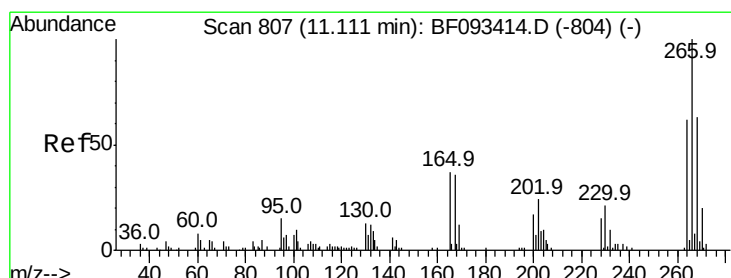
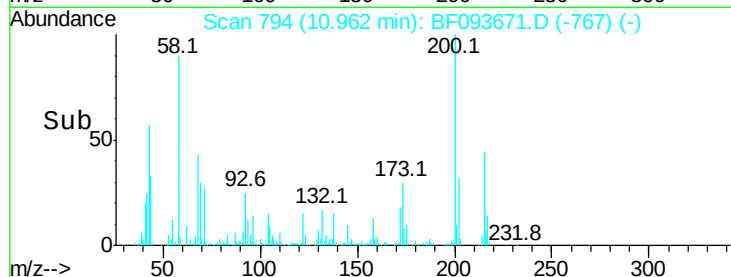
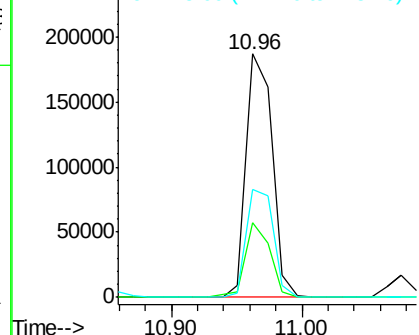
#68
Atrazine
Concen: 46.71 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.5	9.6	49.6
215	44.5	25.7	65.7

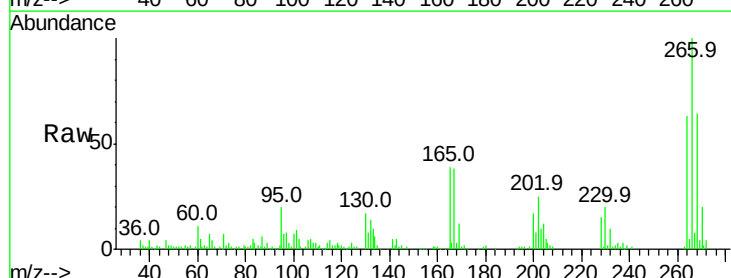


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

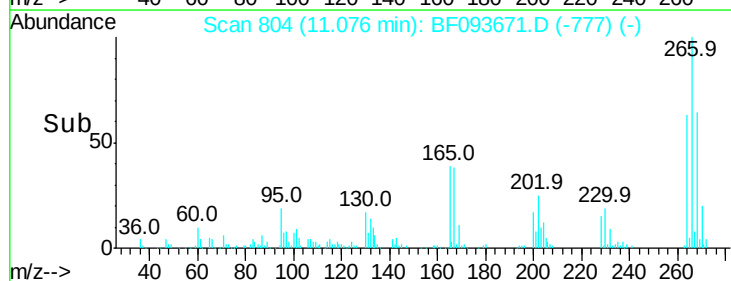
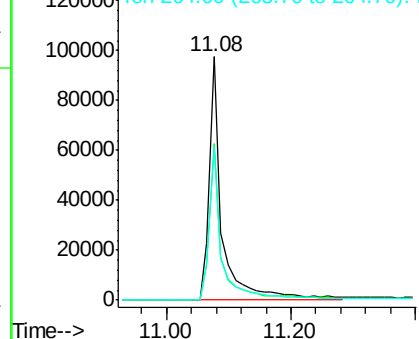


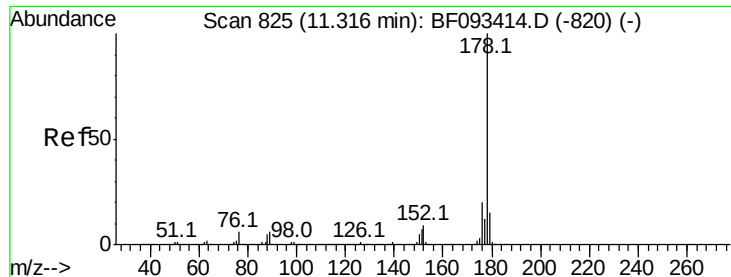
#69
Pentachlorophenol
Concen: 71.71 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.3	79.9
264	63.3	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

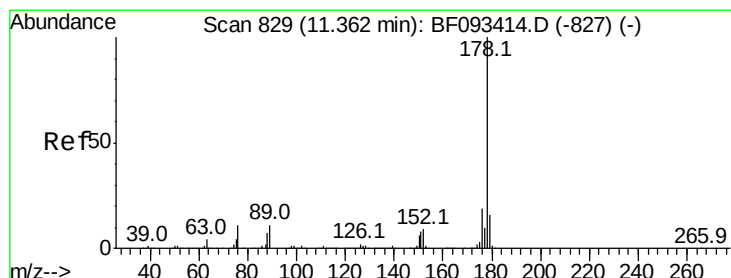
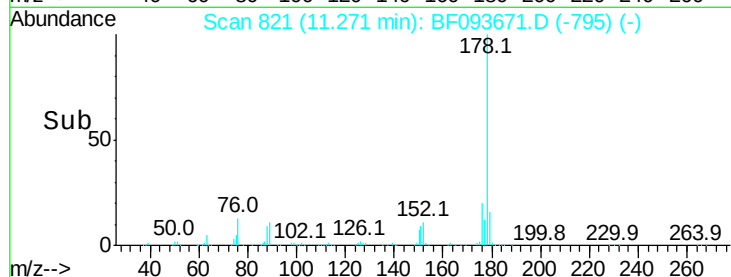
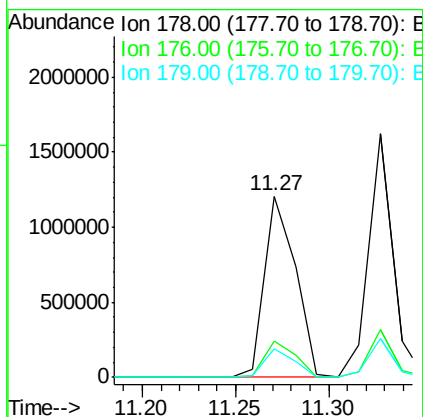
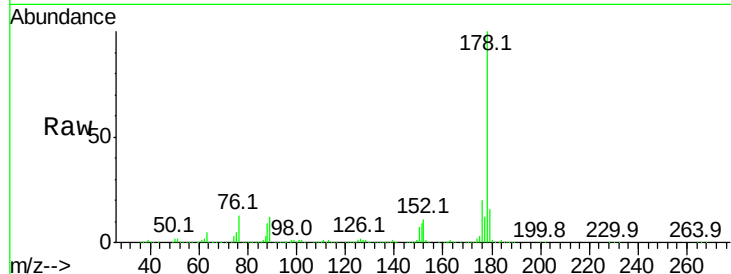




#70
Phenanthrene
Concen: 42.93 ng
RT: 11.27 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

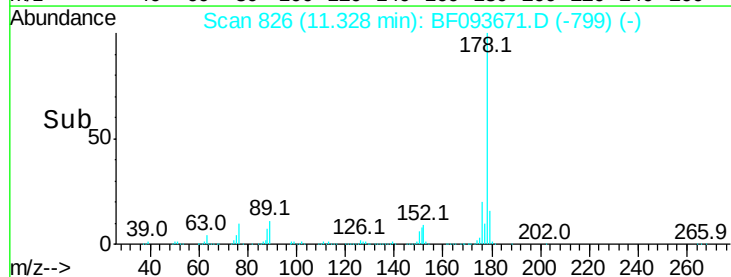
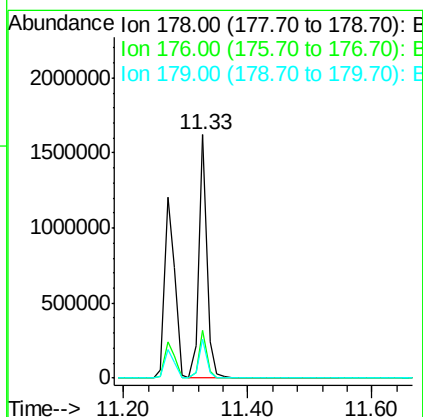
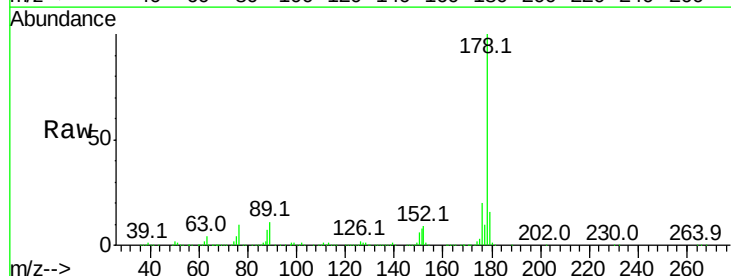
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

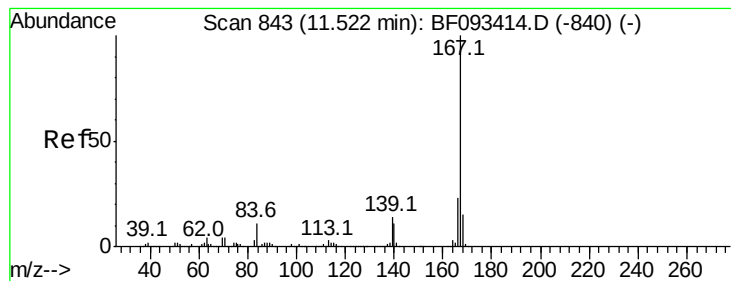
Tot Ion:178 Resp: 1393370
Ion Ratio Lower Upper
178 100
176 20.3 16.6 25.0
179 16.1 12.8 19.2



#71
Anthracene
Concen: 44.68 ng
RT: 11.33 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion:178 Resp: 1466936
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.0 13.2 19.8





#72

Carbazole

Concen: 46.08 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

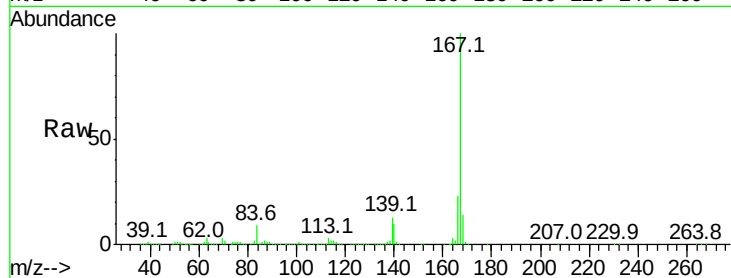
Tot Ion:167 Resp: 1421308

Ion Ratio Lower Upper

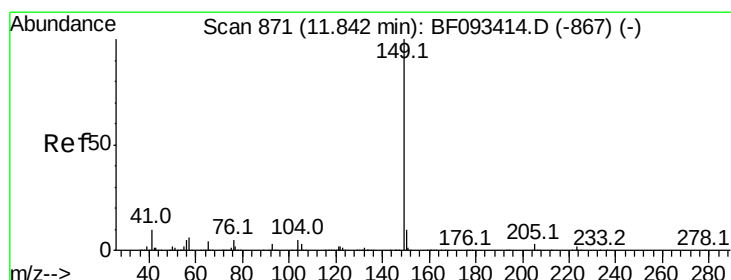
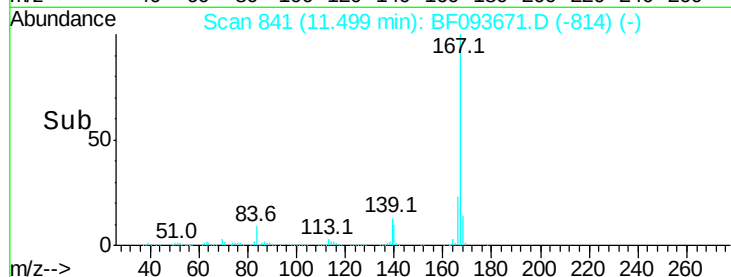
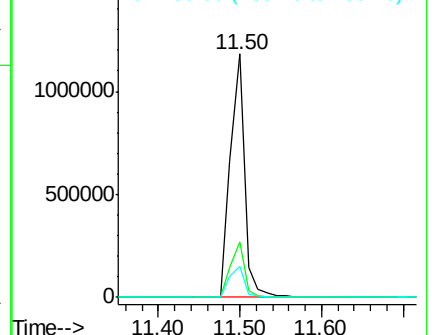
167 100

166 22.8 18.2 27.2

139 12.7 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.68 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

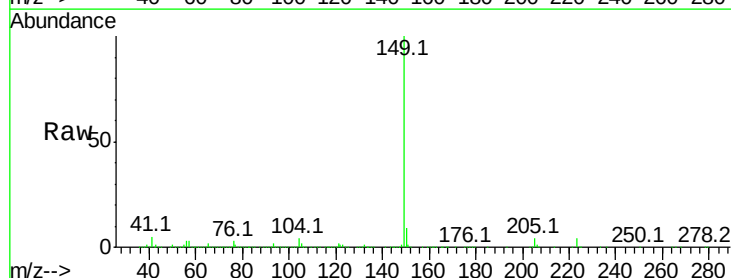
Tgt Ion:149 Resp: 1772883

Ion Ratio Lower Upper

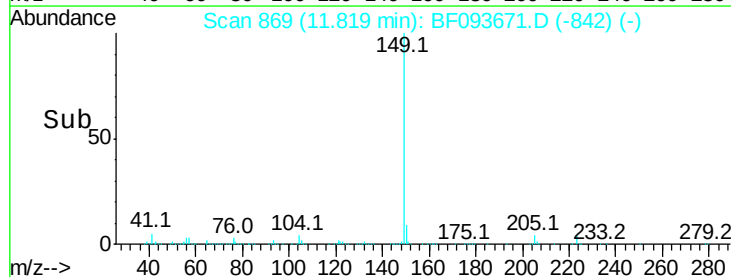
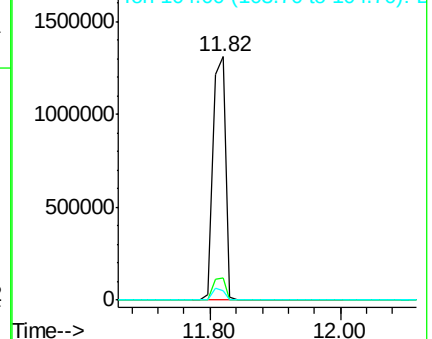
149 100

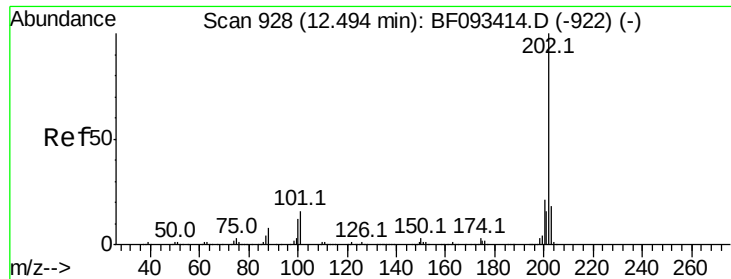
150 9.0 8.1 12.1

104 3.6 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: 43.39 ng

RT: 12.46 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

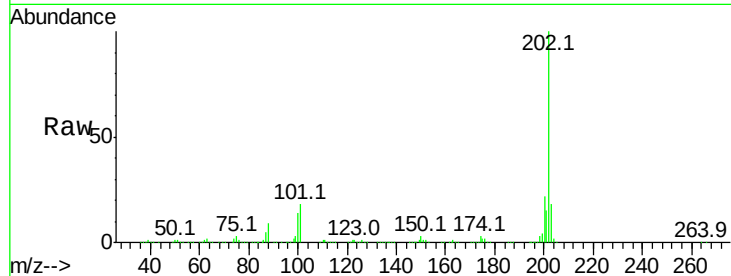
Tot Ion:202 Resp: 1360146

Ion Ratio Lower Upper

202 100

101 17.5 0.0 34.6

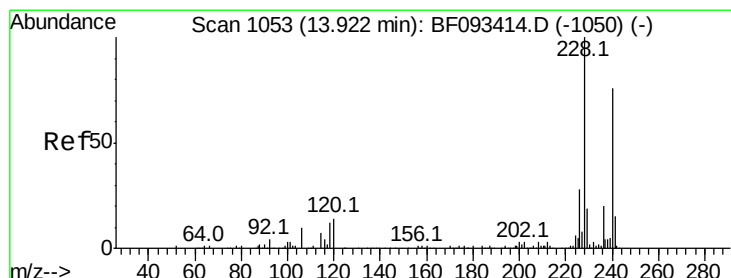
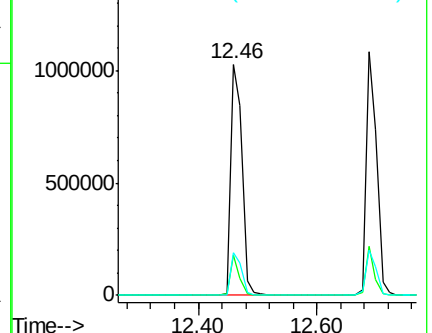
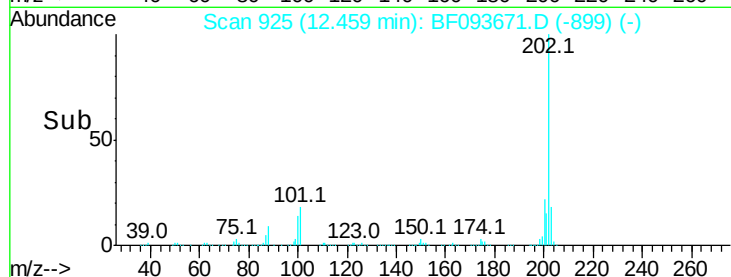
203 18.4 0.0 38.7



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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

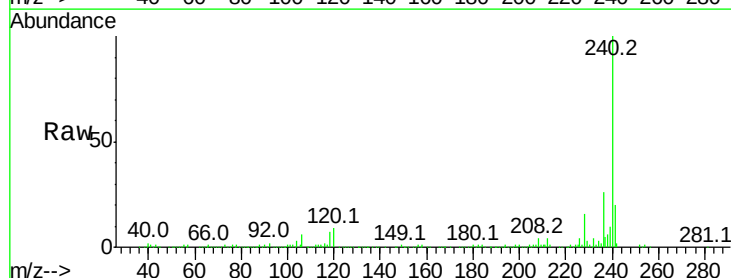
Tgt Ion:240 Resp: 346916

Ion Ratio Lower Upper

240 100

120 8.7 12.9 19.3#

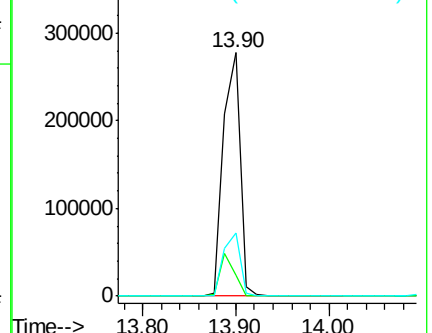
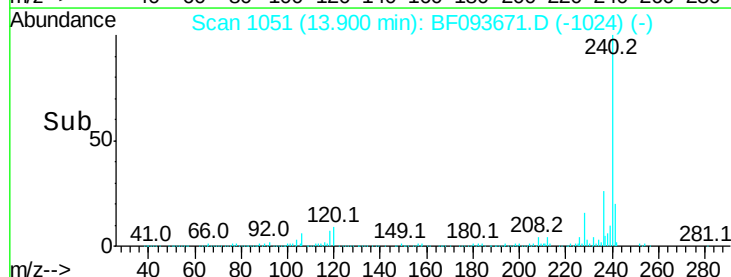
236 26.0 20.9 31.3

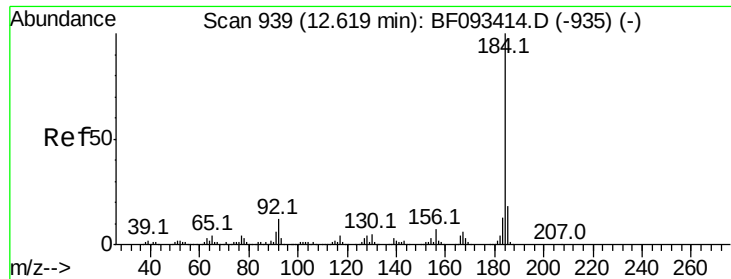


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

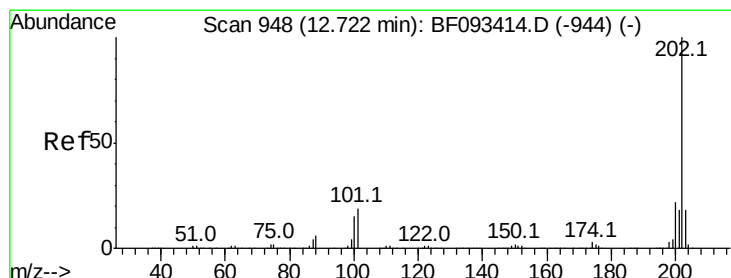
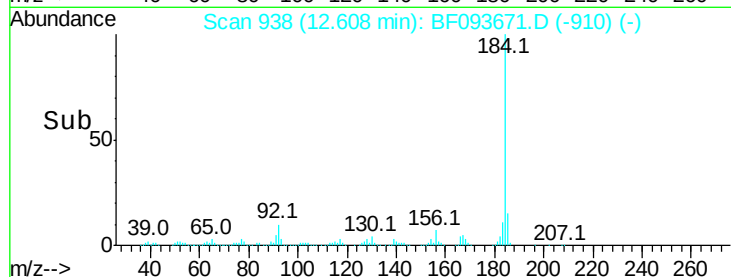
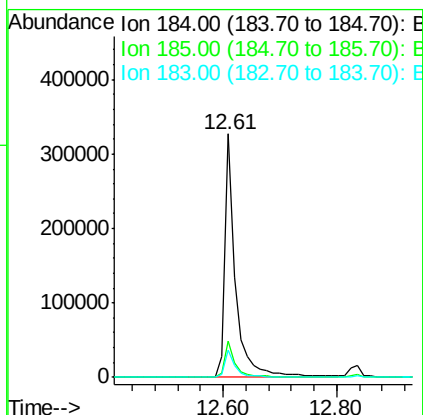
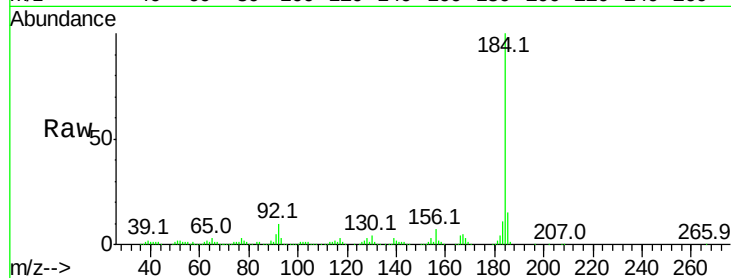




#76
Benzidine
Concen: 38.79 ng
RT: 12.61 min Scan# 938
Delta R.T. 0.02 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

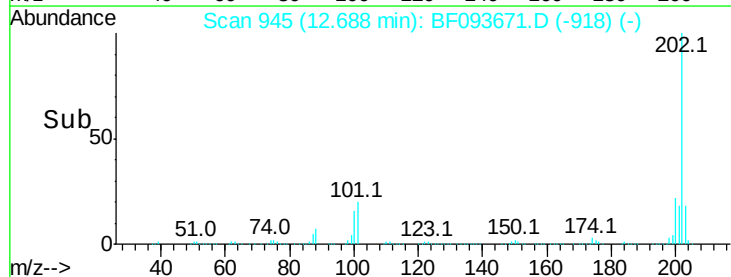
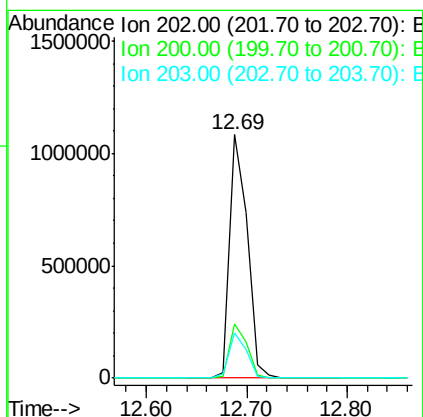
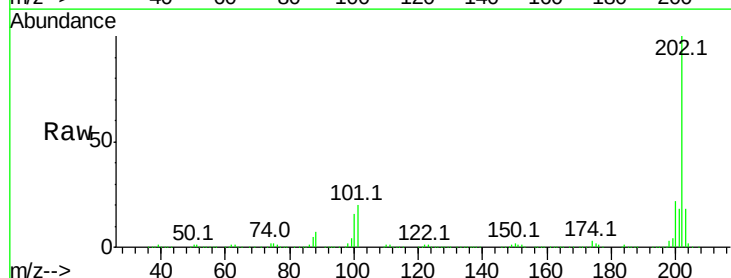
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

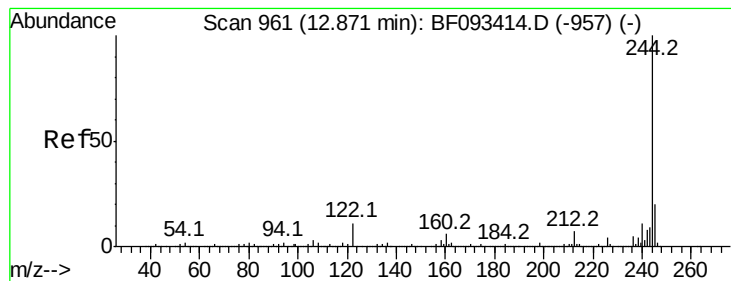
Tot Ion:184 Resp: 442557
Ion Ratio Lower Upper
184 100
185 14.9 13.4 20.0
183 11.5 9.2 13.8



#77
Pyrene
Concen: 52.42 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion:202 Resp: 1322471
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.3 14.7 22.1





#78

Terphenyl-d14

Concen: 100.93 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

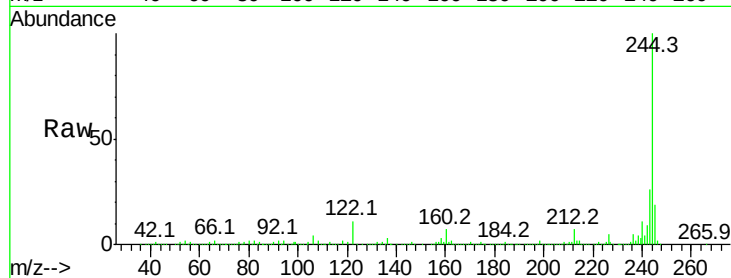
Tot Ion:244 Resp: 1346712

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

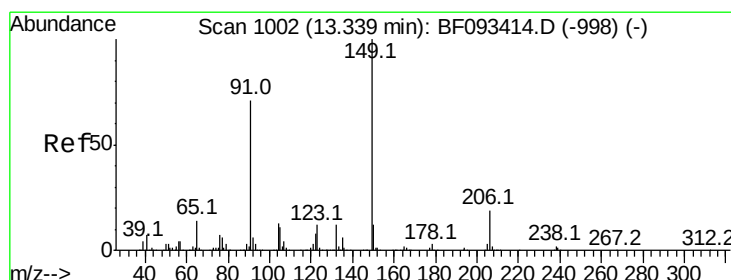
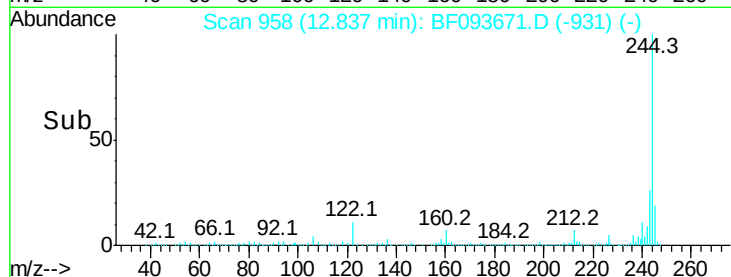
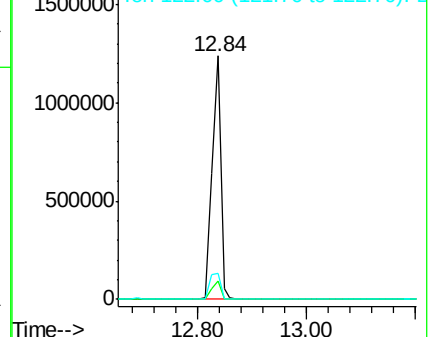
122 10.8 11.4 17.2#



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: 61.28 ng

RT: 13.31 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

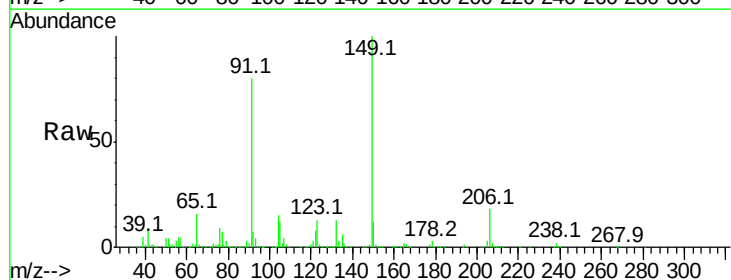
Tgt Ion:149 Resp: 650812

Ion Ratio Lower Upper

149 100

91 80.3 63.9 95.9

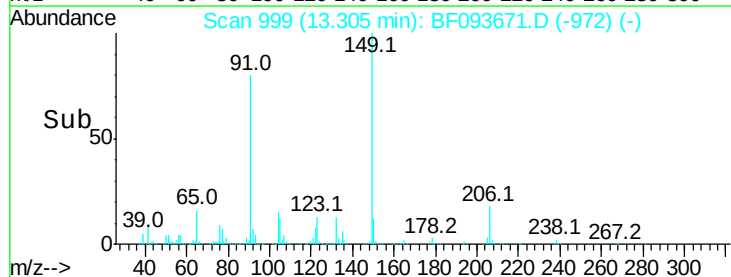
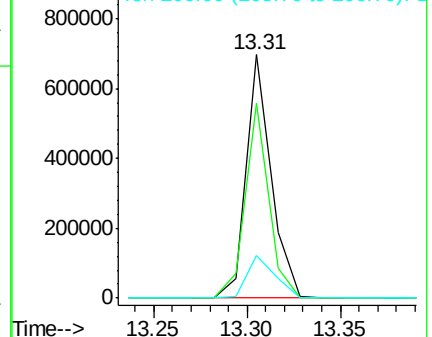
206 17.6 14.6 21.8

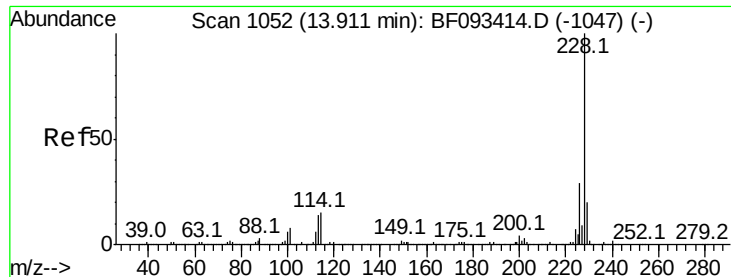


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 48.45 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.02 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

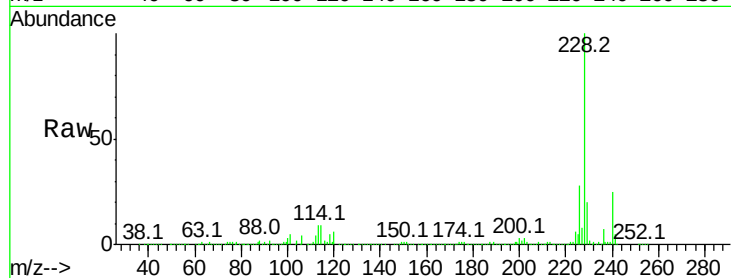
Tot Ion:228 Resp: 992621

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

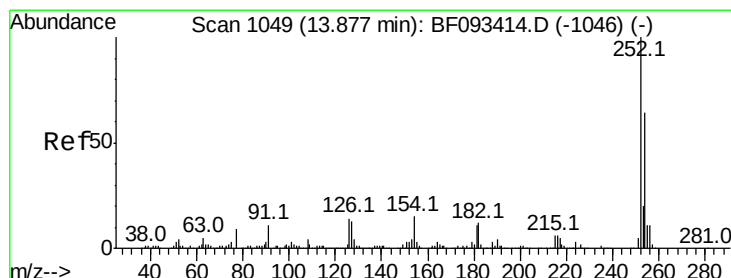
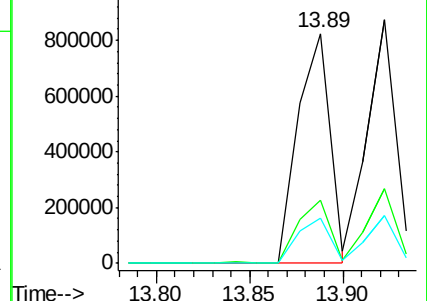
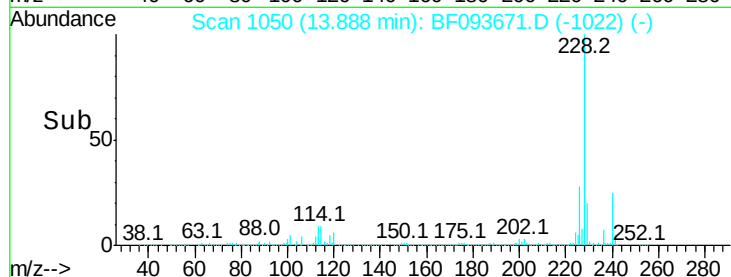
229 19.8 16.2 24.4



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: 43.33 ng

RT: 13.84 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

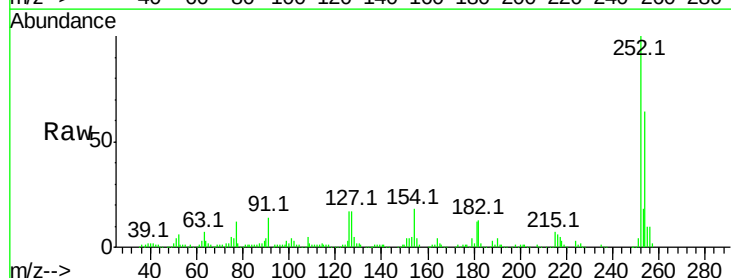
Tgt Ion:252 Resp: 310883

Ion Ratio Lower Upper

252 100

254 64.5 52.3 78.5

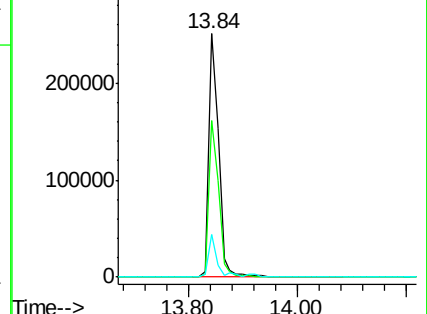
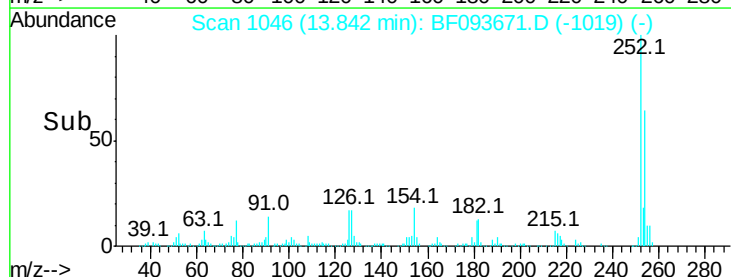
126 17.4 13.6 20.4

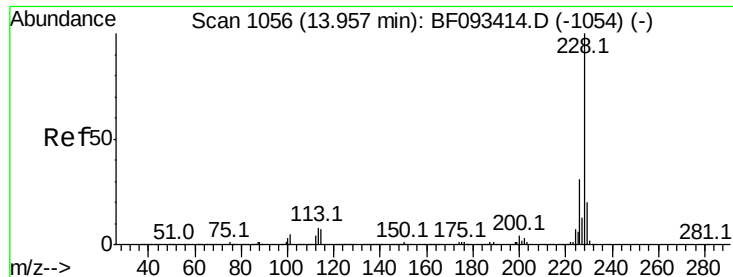


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 50.45 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

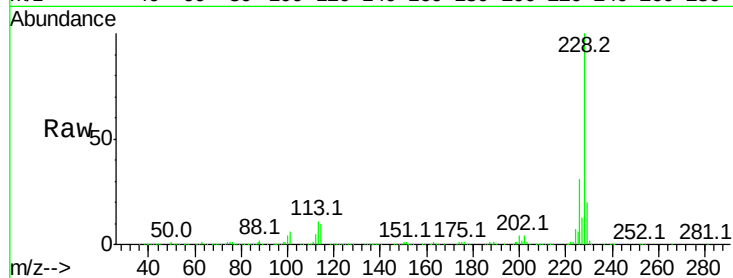
Tot Ion:228 Resp: 956281

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

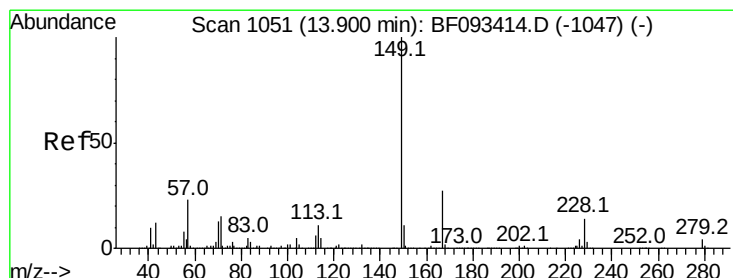
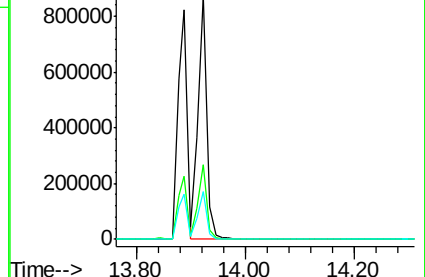
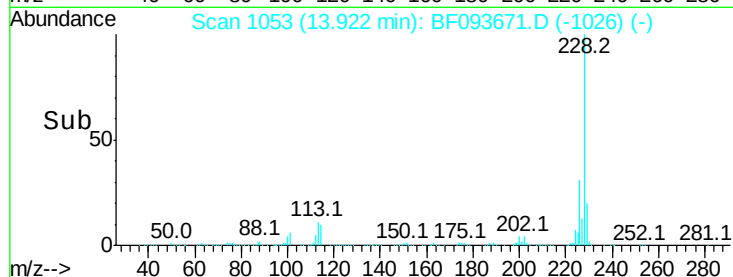
229 19.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 65.87 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

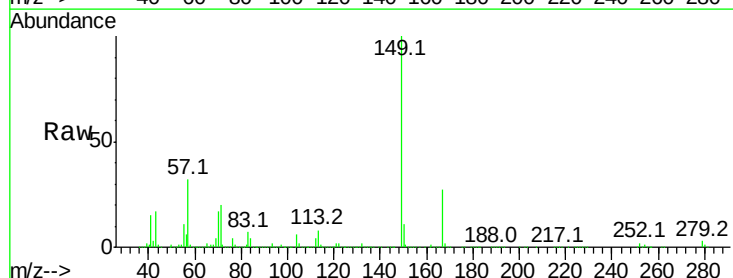
Tgt Ion:149 Resp: 975162

Ion Ratio Lower Upper

149 100

167 26.6 20.2 30.4

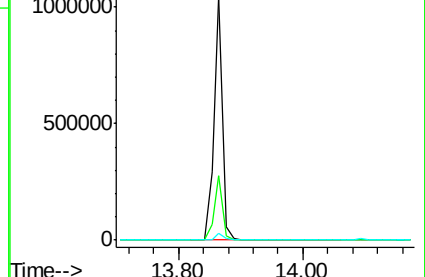
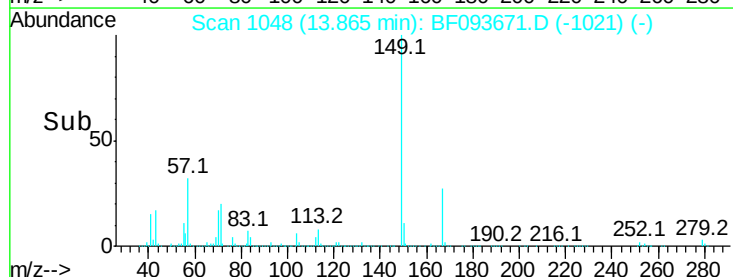
279 2.8 1.8 2.8#

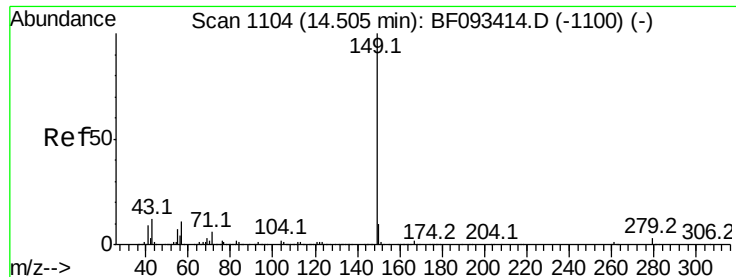


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

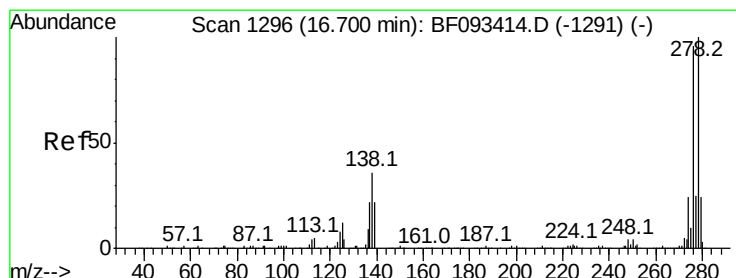
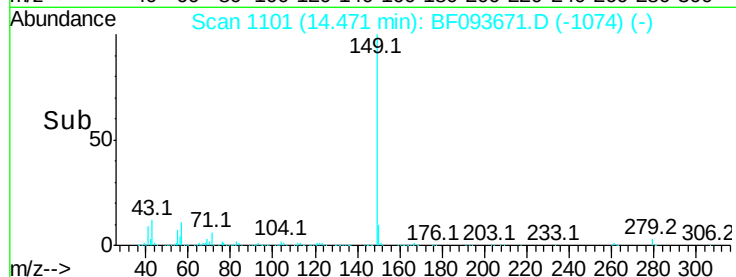
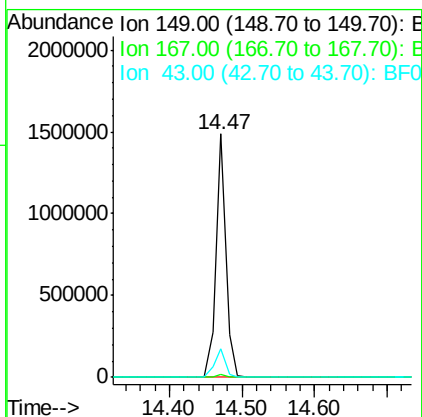
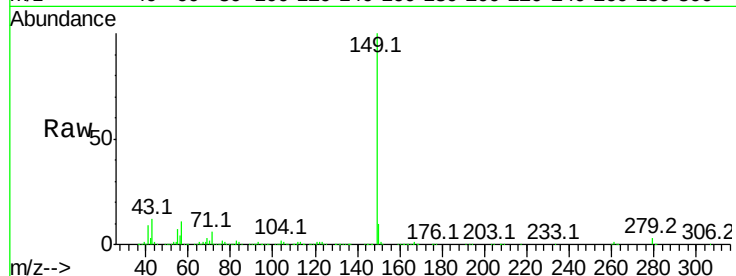




#84
Di-n-octyl phthalate
Concen: 57.10 ng
RT: 14.47 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

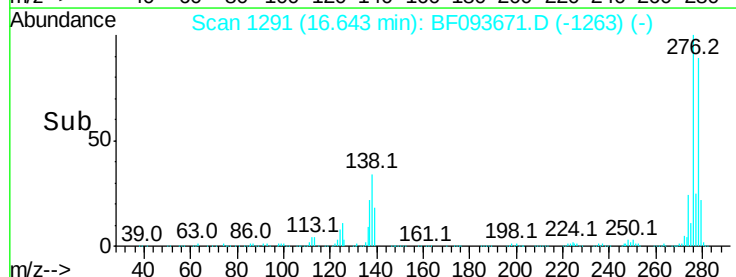
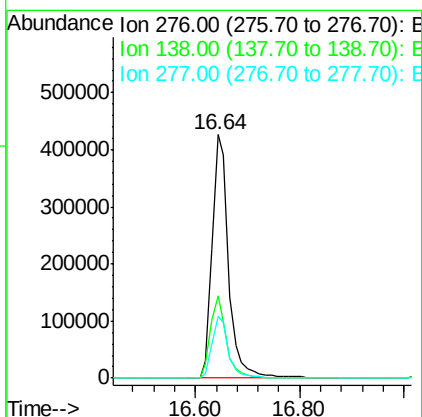
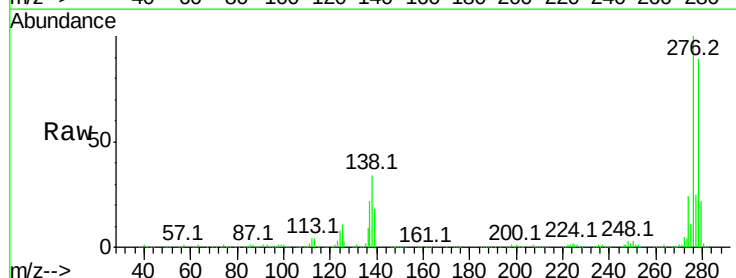
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

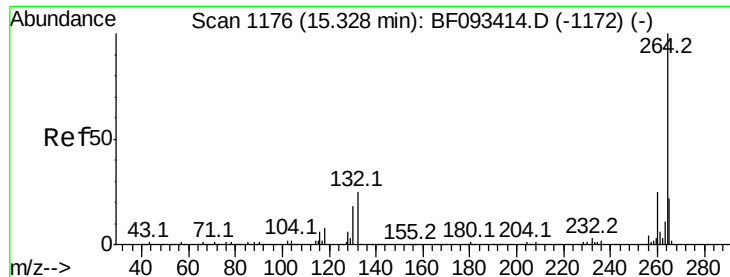
Tot Ion:149 Resp: 1408822
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.5 8.9 13.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 59.06 ng
RT: 16.64 min Scan# 1291
Delta R.T. 0.02 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion:276 Resp: 936997
Ion Ratio Lower Upper
276 100
138 33.1 21.8 32.6#
277 25.3 20.2 30.4



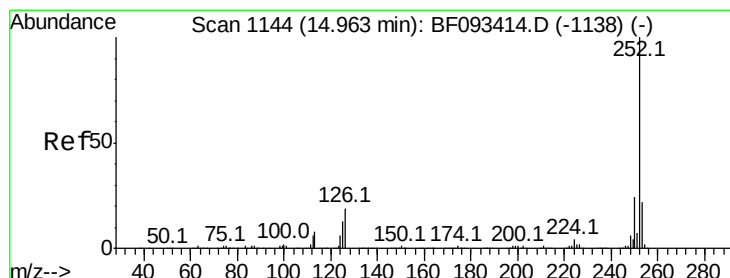
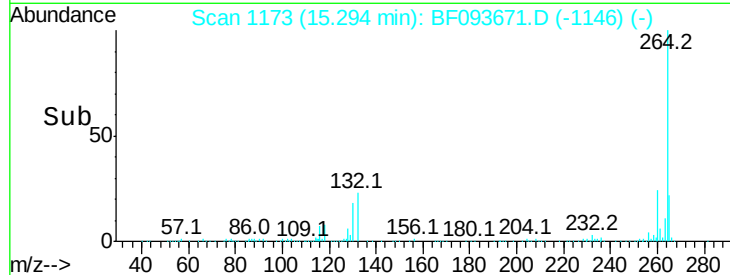
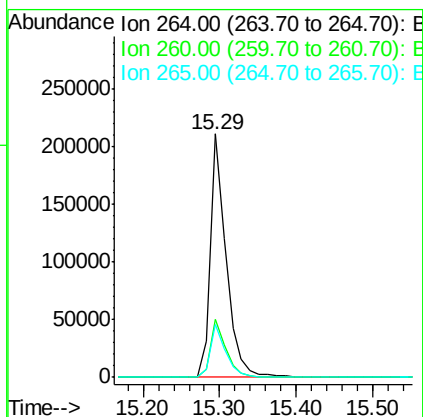
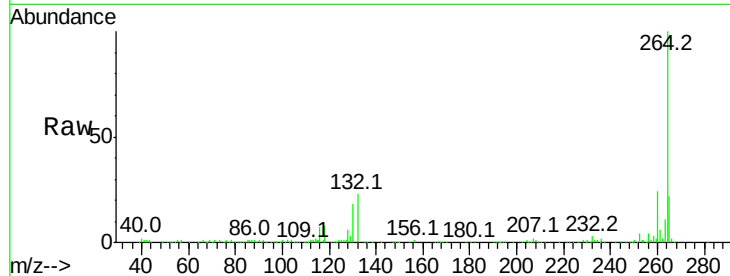


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

Tot Ion:264 Resp: 299516

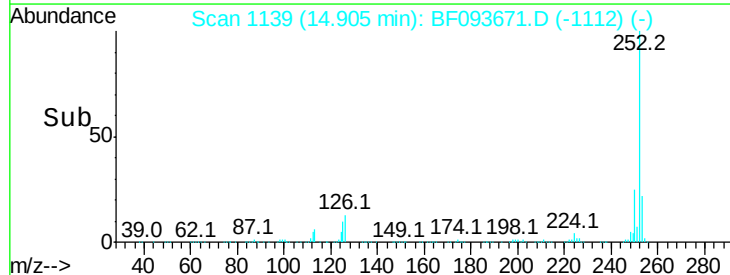
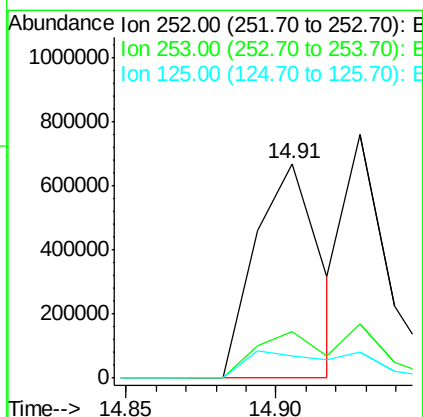
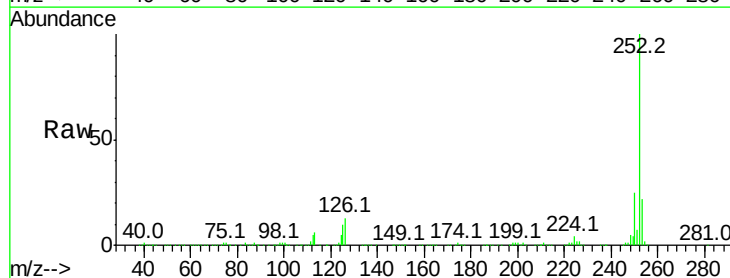
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.4	26.0

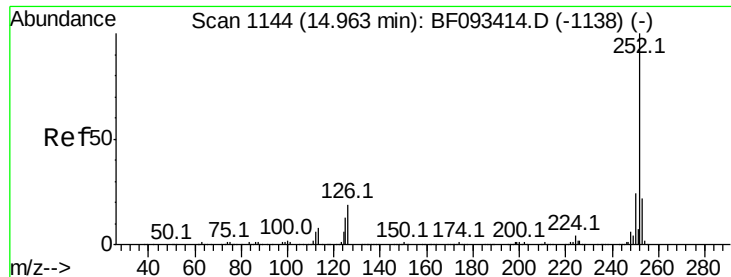


#87
Benzo(b)fluoranthene
Concen: 54.45 ng m
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt Ion:252 Resp: 993185

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.1	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 42.66 ng/mL

RT: 14.93 min Scan# 1141

Delta R.T. 0.01 min

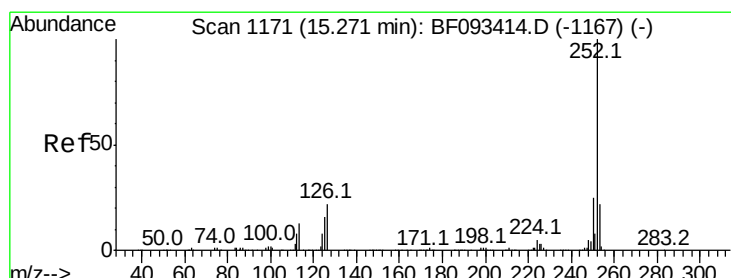
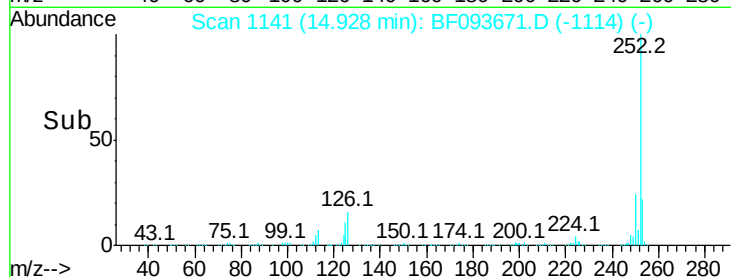
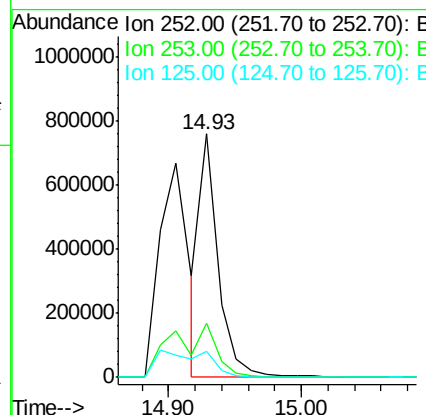
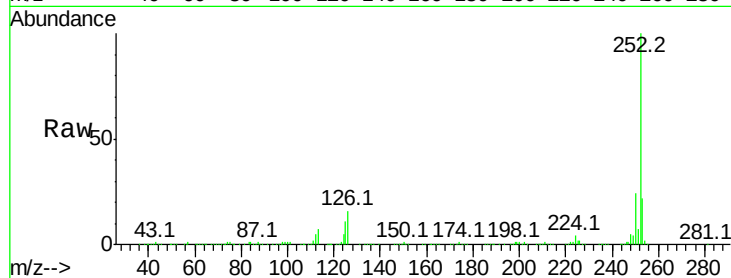
Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

Tot Ion: 252 Resp: 750369

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	10.9	8.9	13.3



#89

Benzo(a)pyrene

Concen: 48.56 ng/mL

RT: 15.24 min Scan# 1168

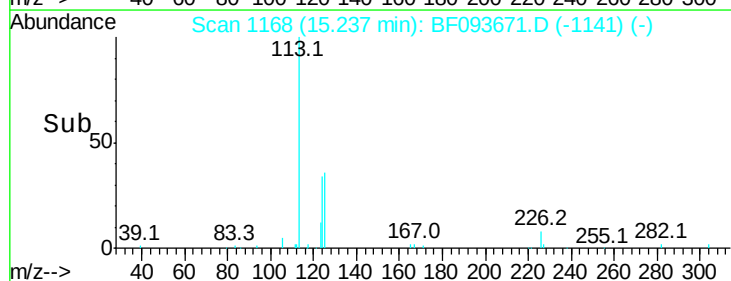
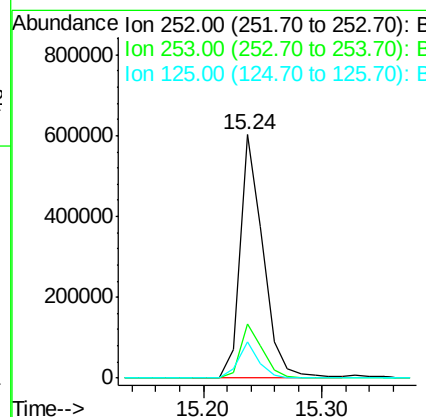
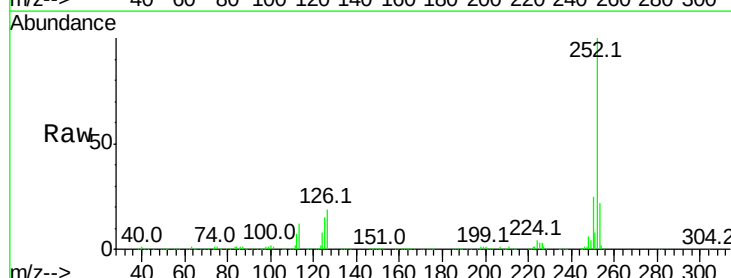
Delta R.T. 0.01 min

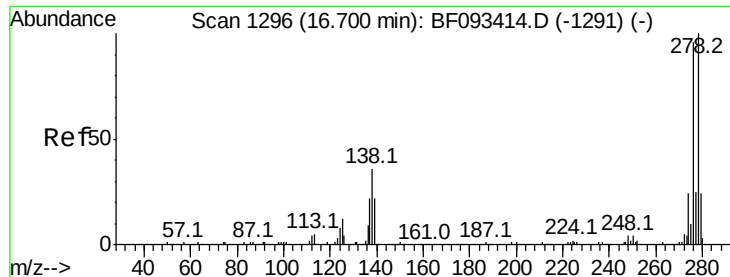
Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Tgt Ion: 252 Resp: 809500

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	14.8	10.0	15.0





#90

Dibenzo(a,h)anthracene

Concen: 57.73 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

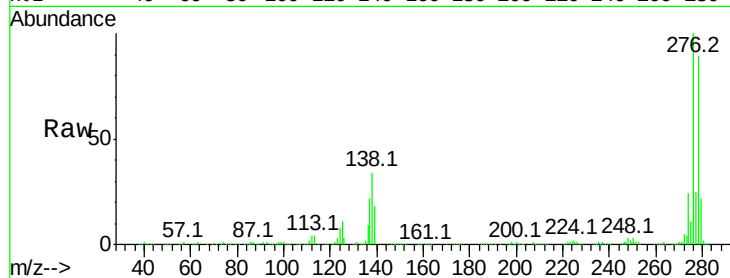
Tot Ion:278 Resp: 796263

Ion Ratio Lower Upper

278 100

139 20.2 14.8 22.2

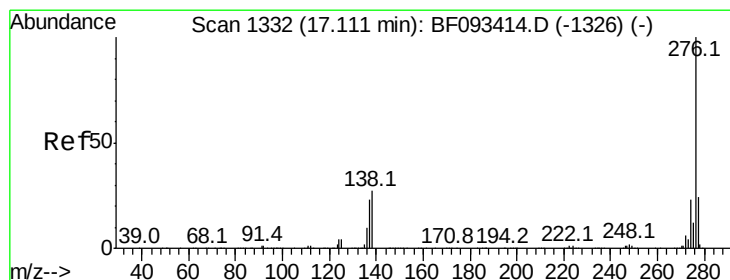
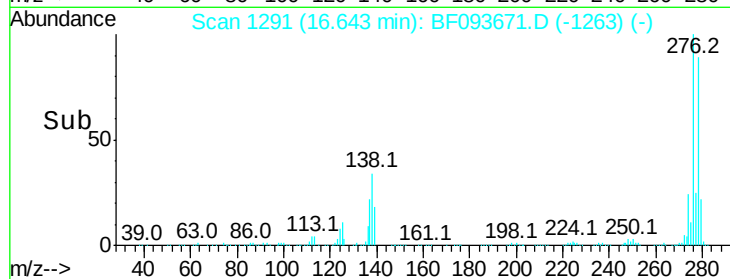
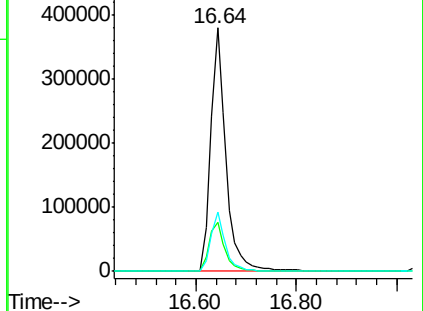
279 24.3 19.8 29.6



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(g,h,i)perylene

Concen: 58.56 ng

RT: 17.04 min Scan# 1326

Delta R.T. 0.02 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

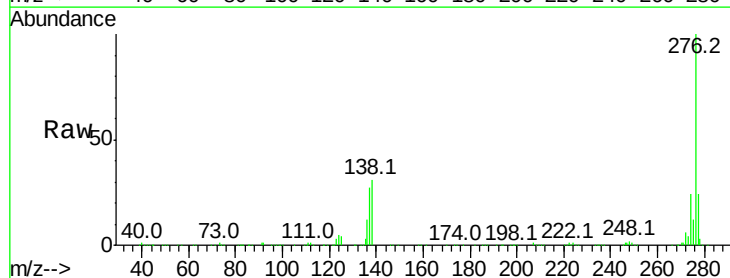
Tgt Ion:276 Resp: 828991

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 31.4 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

