

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 01:40:55 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	6.88	146	550556	42.38	ng	96
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
32) Benzoic acid	7.82	122	549697	98.63	ng	# 25
33) 4-Chloroaniline	8.02	127	226503	15.61	ng	# 34
34) Hexachlorobutadiene	8.14	225	257259	46.54	ng	96
35) Caprolactam	8.48	113	95520	27.72	ng	# 17
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

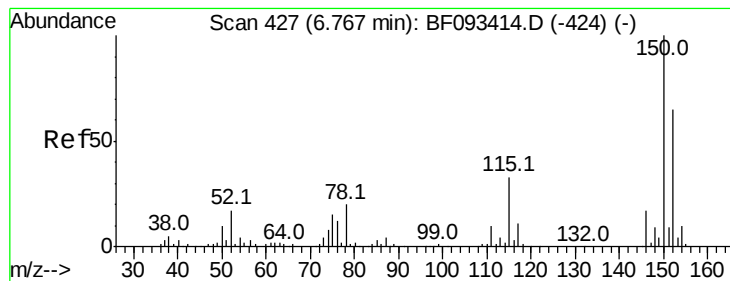
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	328992	60.59	nq	94
43) 2,4,5-Trichlorophenol	9.08	196	304420	52.25	nq	95
45) 1,1'-Biphenyl	9.18	154	1198900	51.71	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	9.97	139	792569	293.35	nq	# 13
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	14.93	252	1751523	96.02	nq	98
88) Benzo(k)fluoranthene	14.93	252	1751523	99.57	nq	99
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

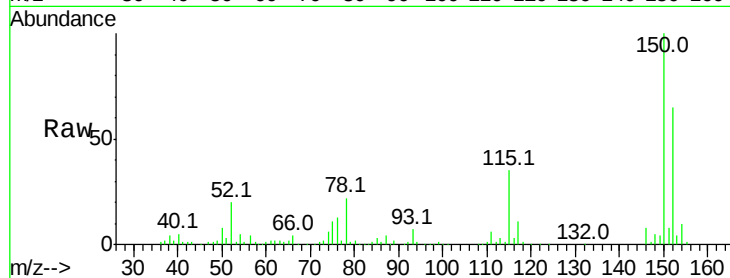
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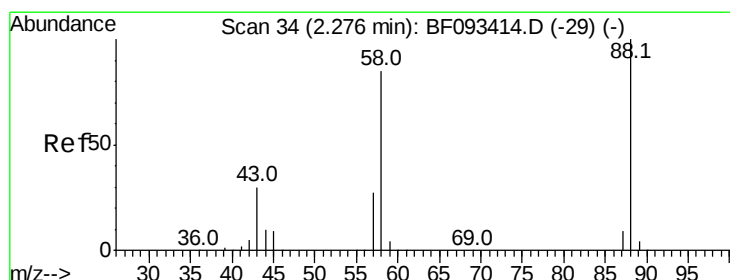
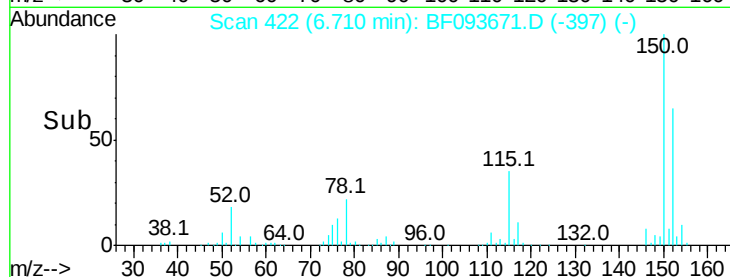
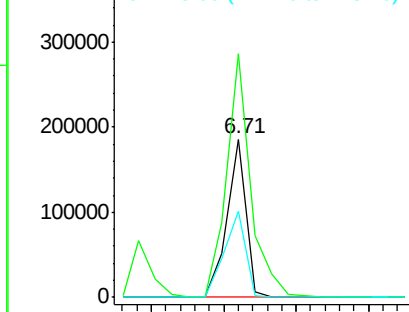
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.9	187.3
115	54.4	46.0	69.0

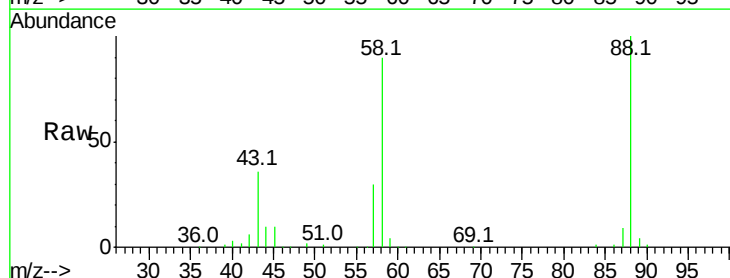


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

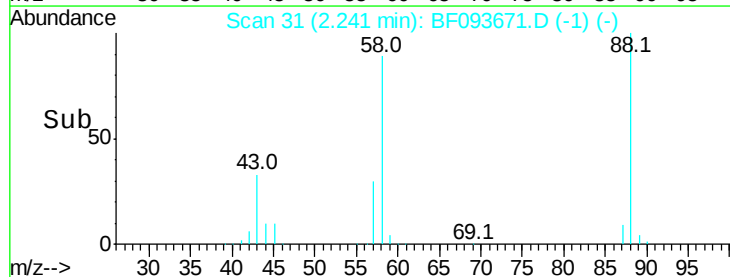
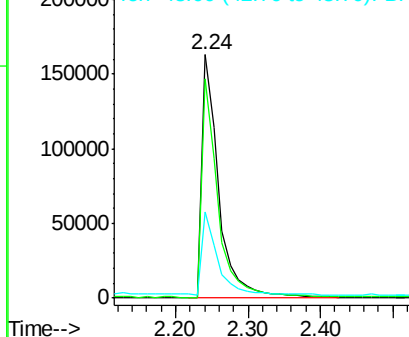


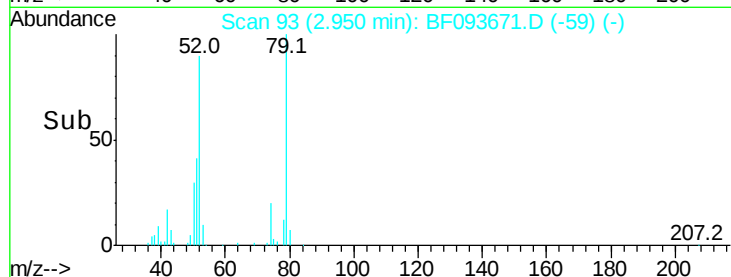
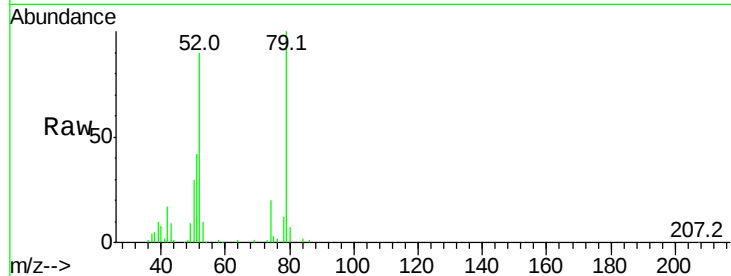
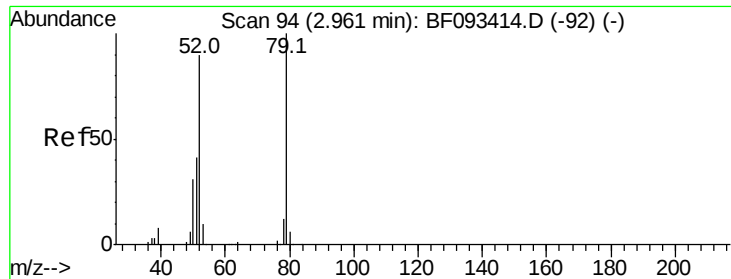
#2
 1,4-Dioxane
 Concen: 47.63 ng
 RT: 2.24 min Scan# 31
 Delta R.T. 0.06 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion	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

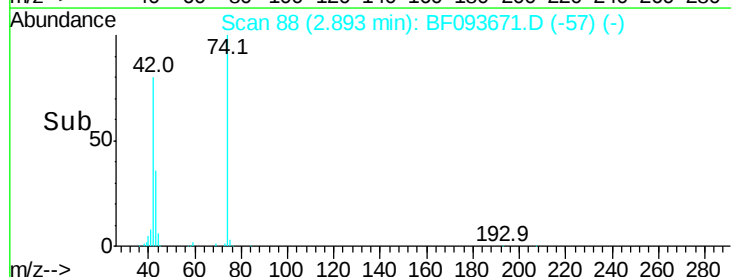
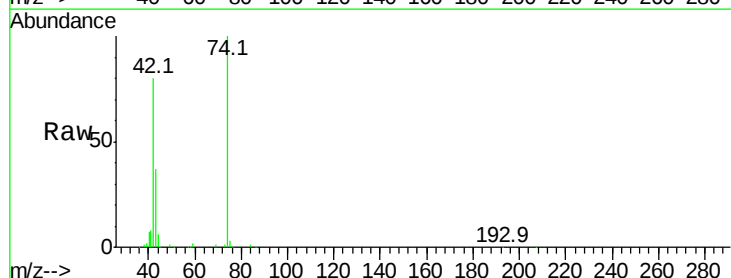
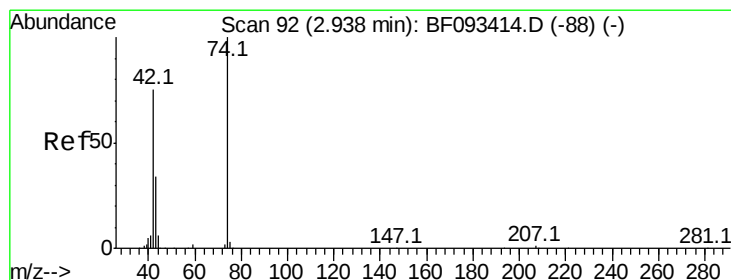
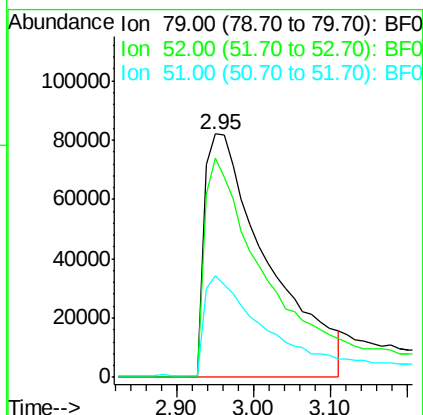
Tot Ion: 79 Resp: 470550

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

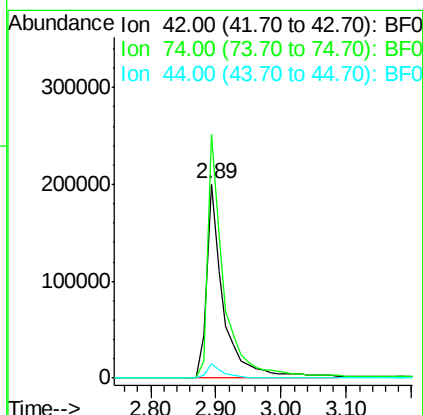
Tgt Ion: 42 Resp: 363039

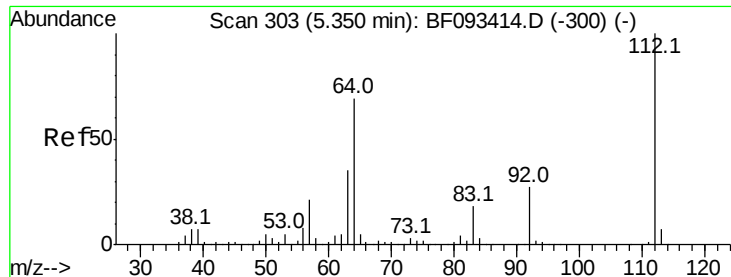
Ion Ratio Lower Upper

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

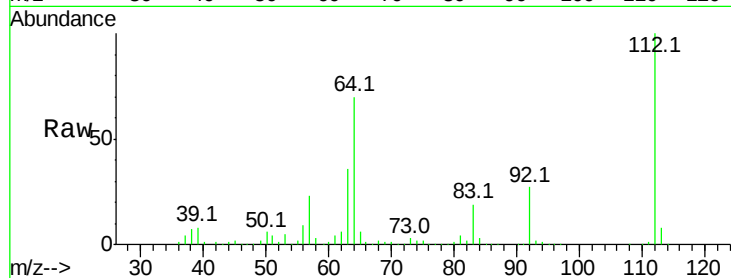
Tot Ion:112 Resp: 1594917

Ion Ratio Lower Upper

112 100

64 70.2 46.1 69.1#

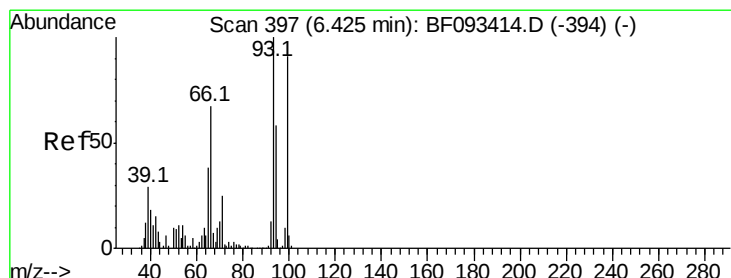
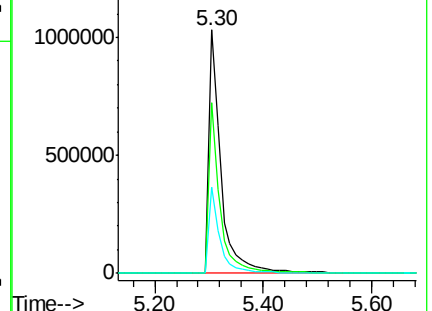
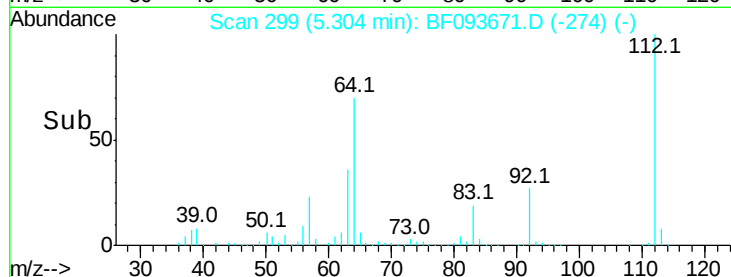
63 35.6 23.8 35.6



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

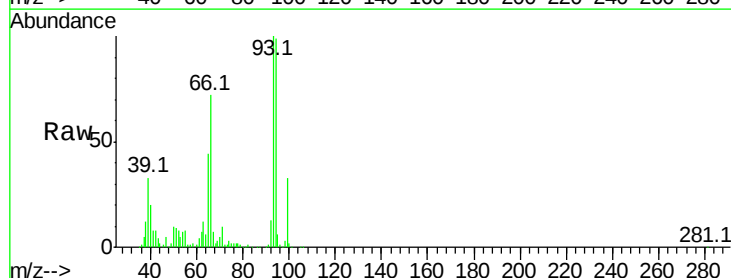
Tgt Ion: 93 Resp: 339326

Ion Ratio Lower Upper

93 100

66 72.0 76.2 114.2#

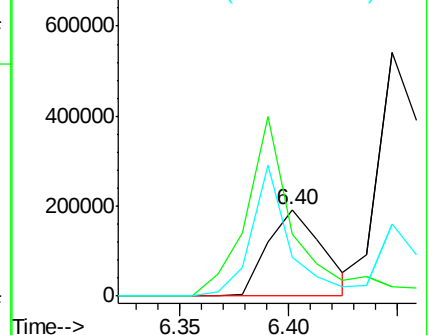
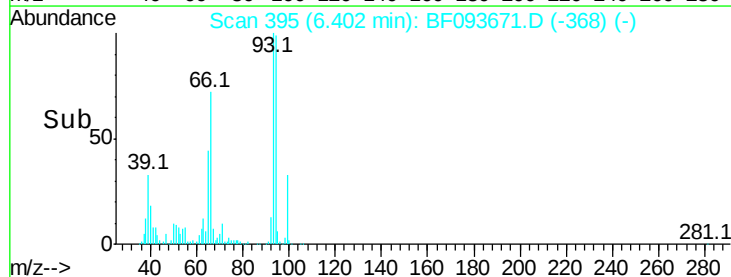
65 44.4 49.3 73.9#

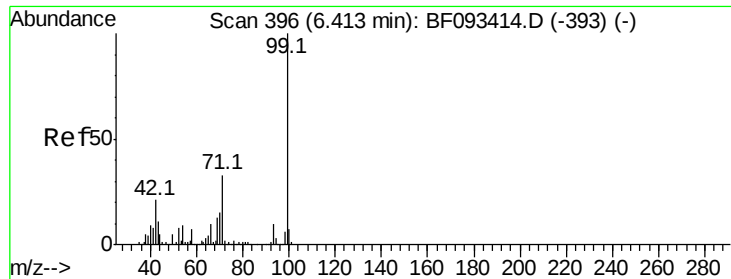


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

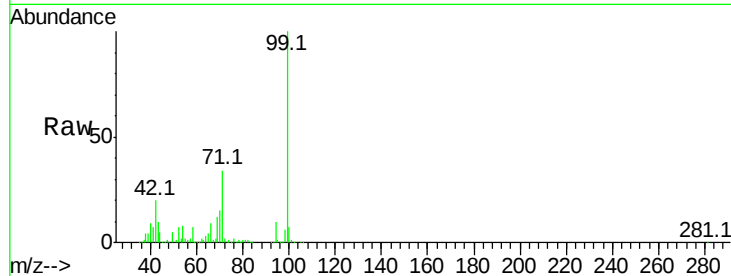
Tot Ion: 99 Resp: 1944040

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

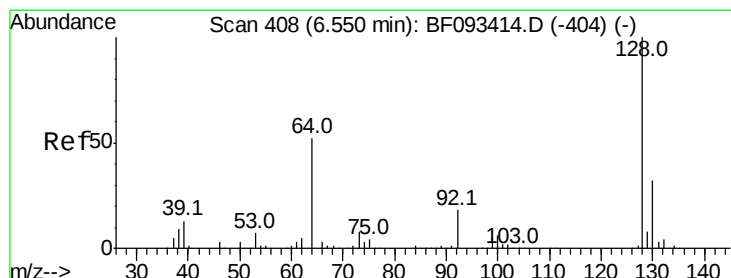
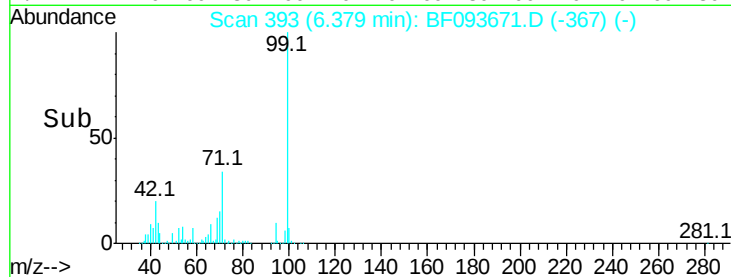
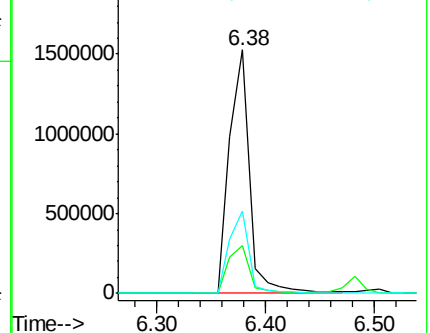
71 33.7 27.5 41.3



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

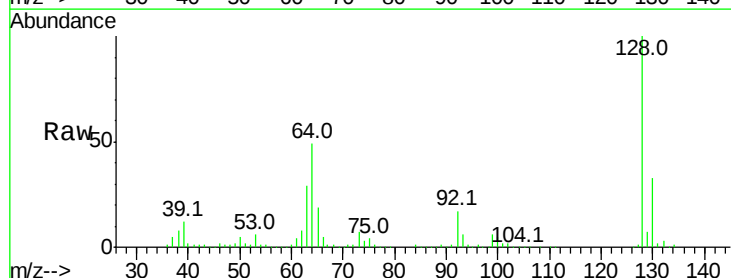
Tgt Ion:128 Resp: 586458

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

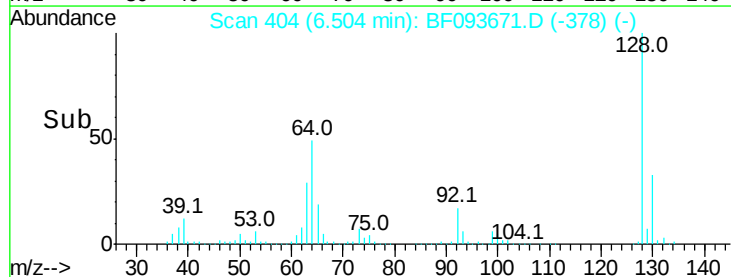
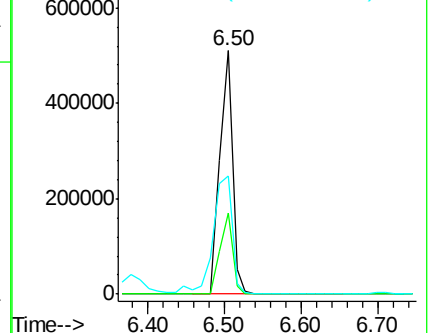
64 48.5 32.2 72.2

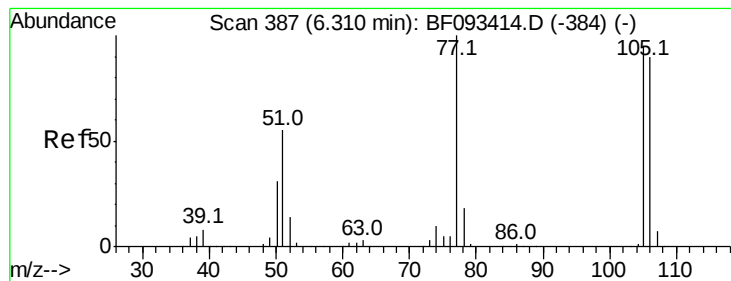


Abundance Ion 128.00 (127.70 to 128.70): E

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

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

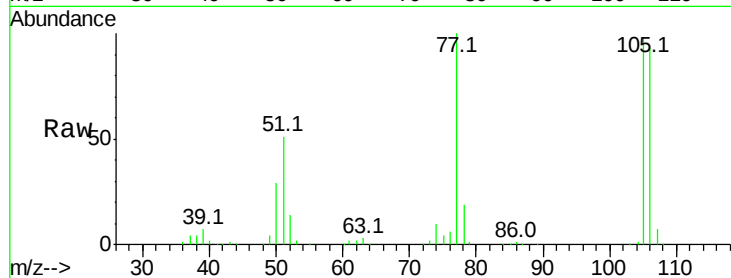
Tot Ion: 77 Resp: 315059

Ion Ratio Lower Upper

77 100

105 98.1 83.9 123.9

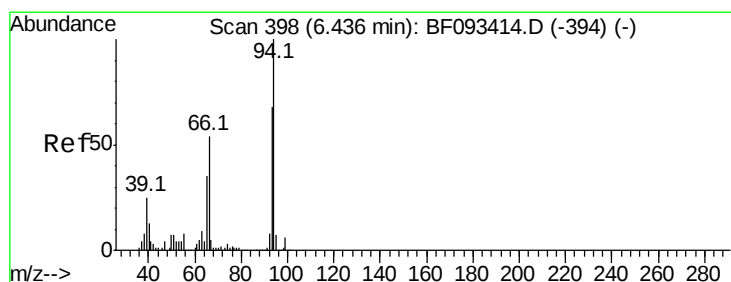
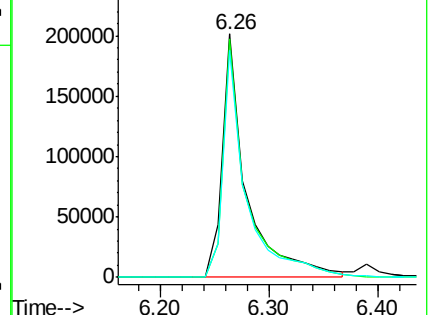
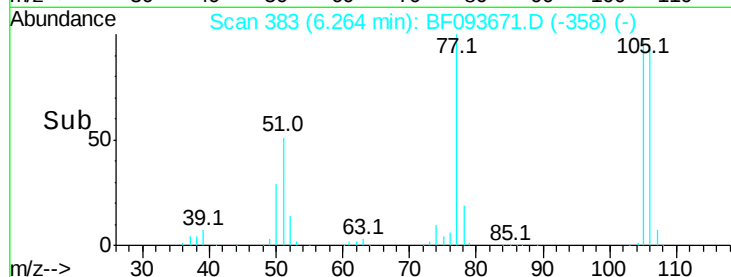
106 93.0 77.6 117.6



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

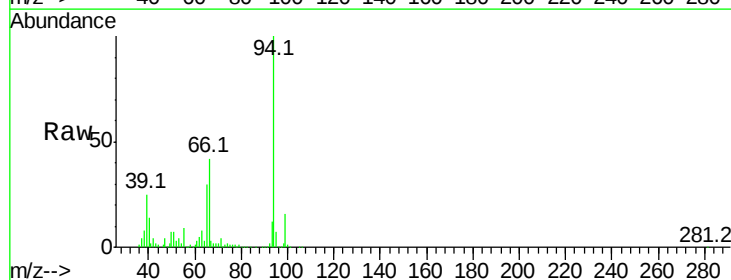
Tgt Ion: 94 Resp: 1061277

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

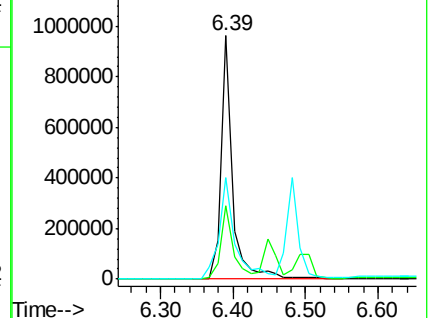
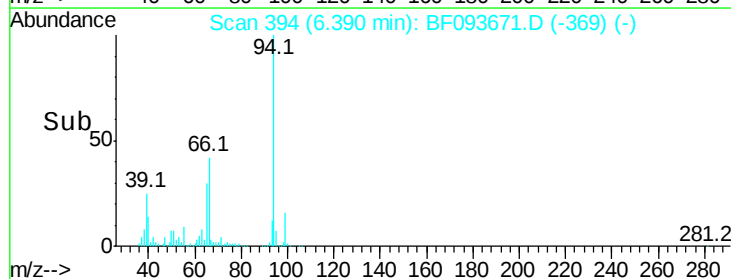
66 41.5 44.0 84.0#

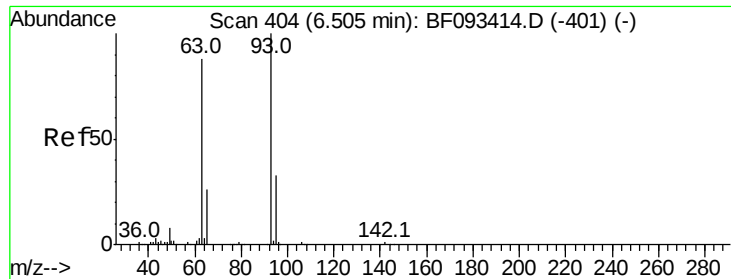


Abundance Ion 94.00 (93.70 to 94.70): BF0

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

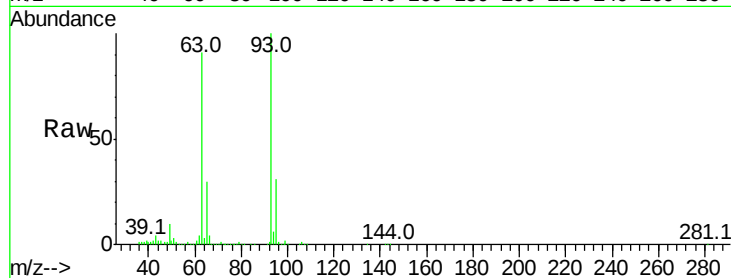
Tot Ion: 93 Resp: 767963

Ion Ratio Lower Upper

93 100

63 90.9 60.4 100.4

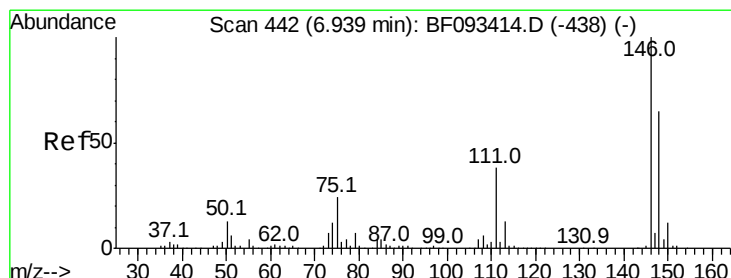
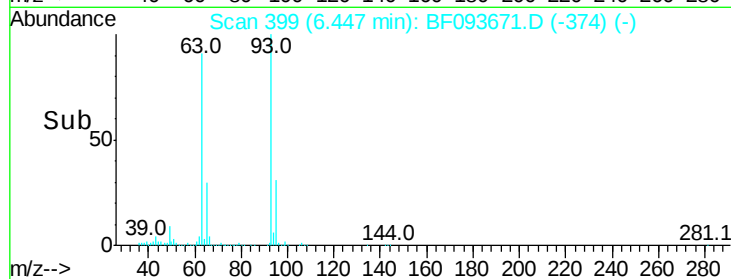
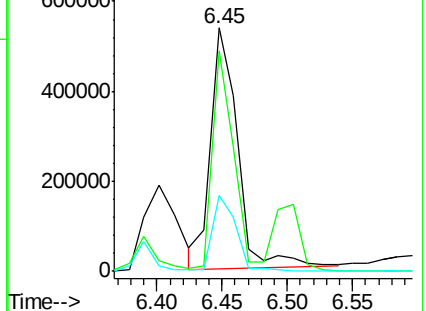
95 31.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.38 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.23 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

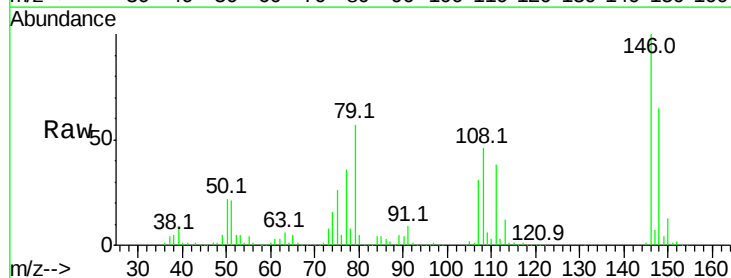
Tgt Ion: 146 Resp: 550556

Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

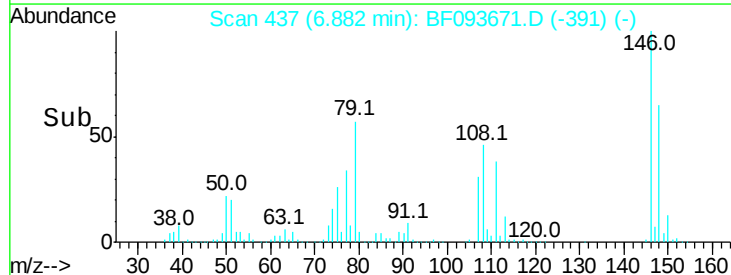
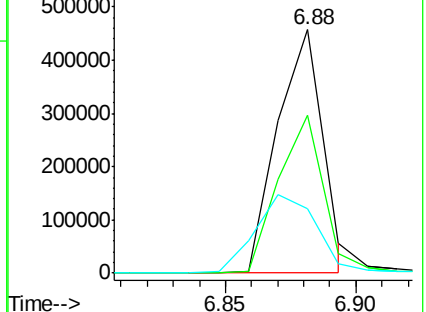
75 26.5 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

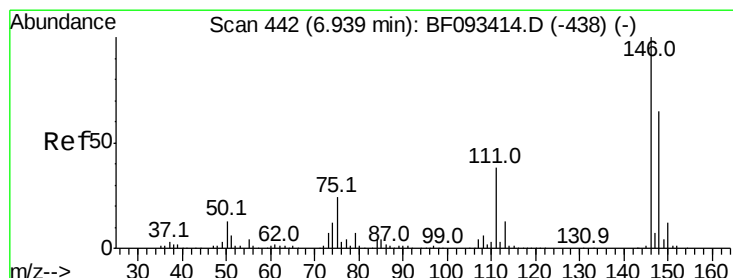
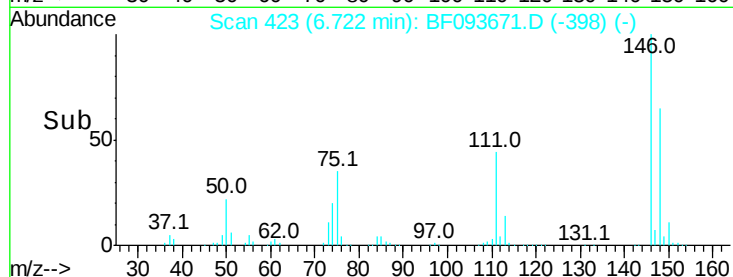
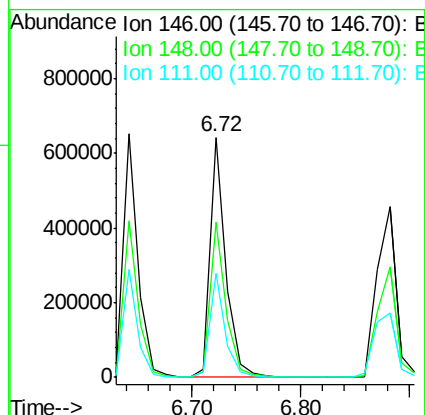
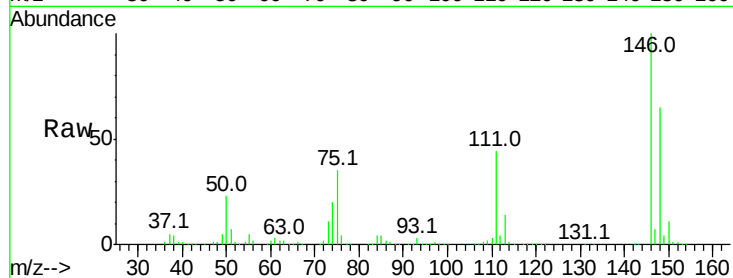




#13
 1,4-Dichlorobenzene
 Concen: 48.93 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

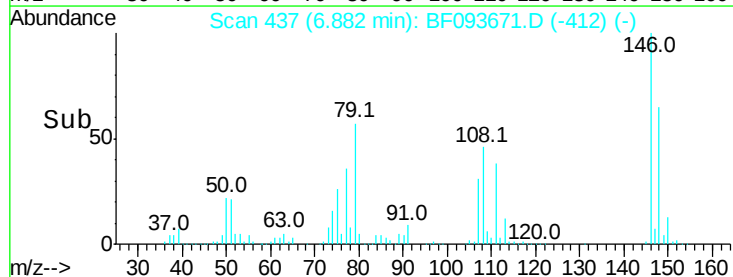
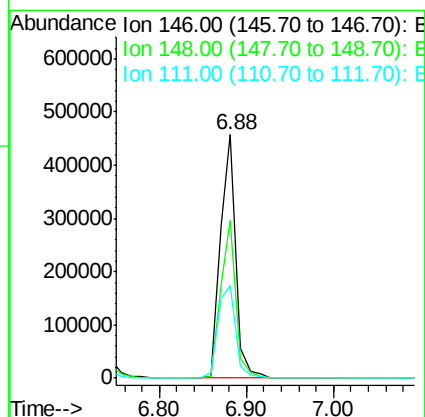
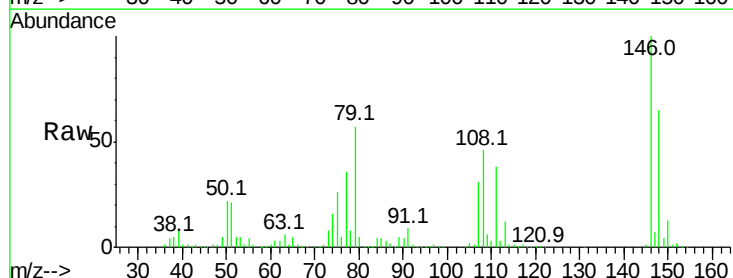
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

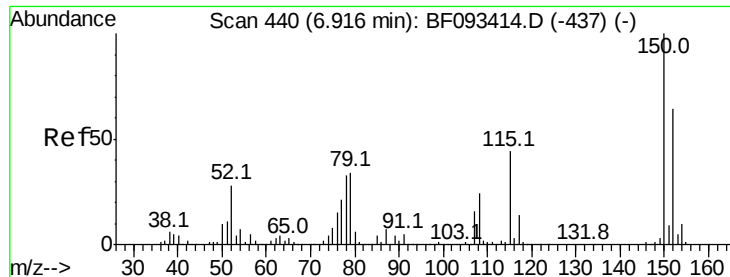
Tot Ion:146 Resp: 650839
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 76.0
 111 43.7 36.2 54.4



#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

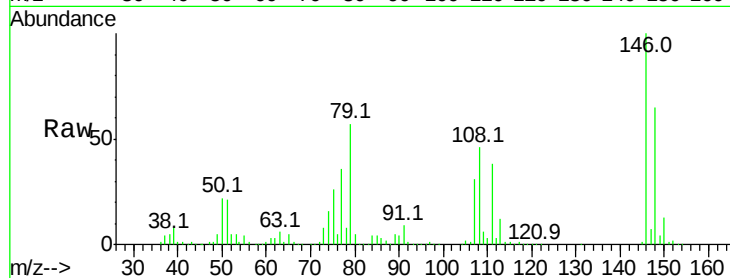
Tot Ion: 79 Resp: 411891

Ion Ratio Lower Upper

79 100

108 80.3 61.4 92.0

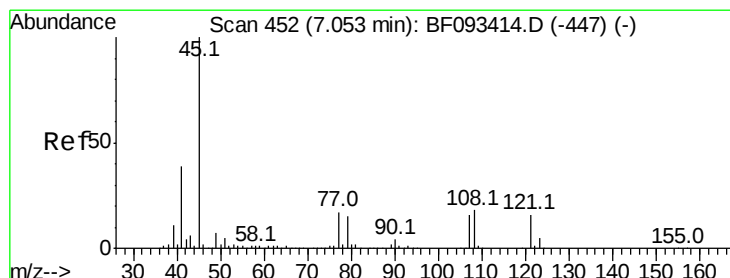
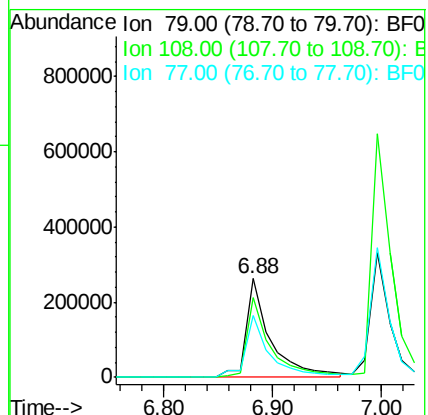
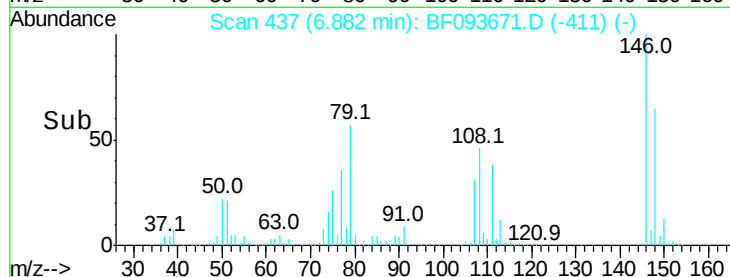
77 62.2 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 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

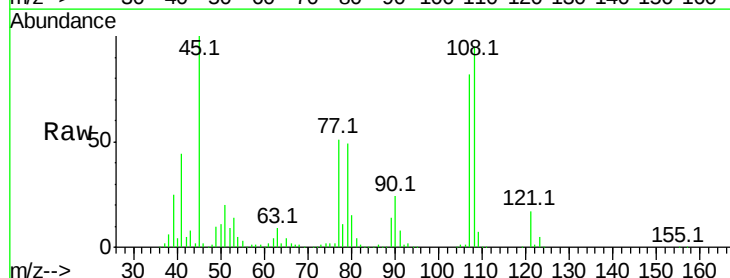
Tgt Ion: 45 Resp: 957473

Ion Ratio Lower Upper

45 100

77 50.6 0.0 34.6#

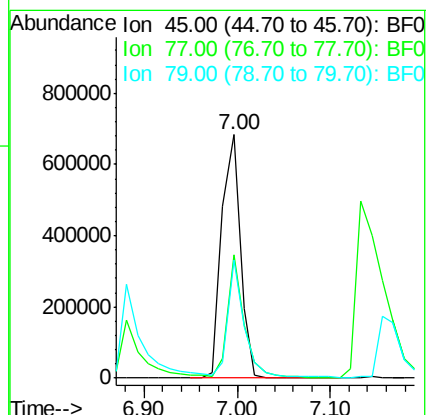
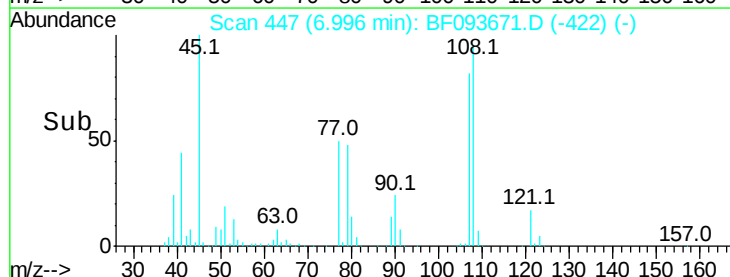
79 48.7 0.0 31.2#

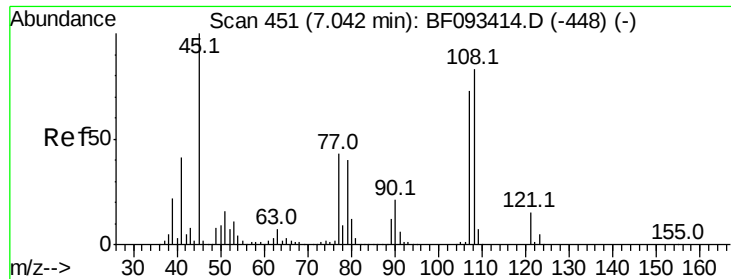


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

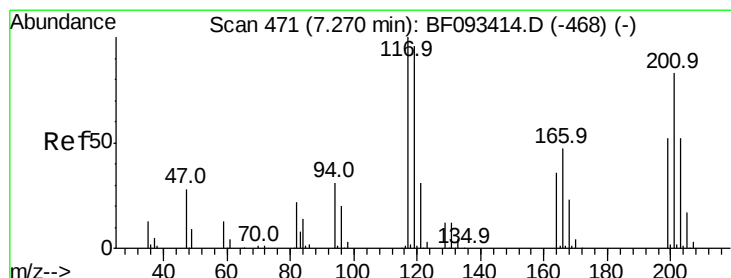
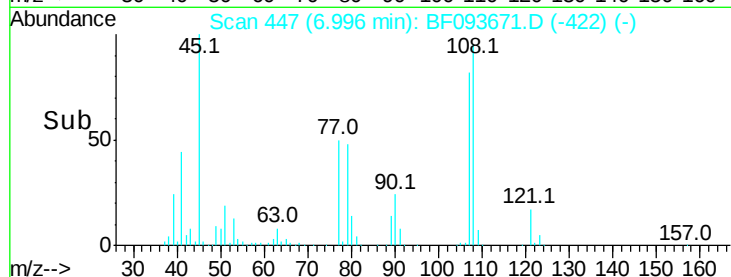
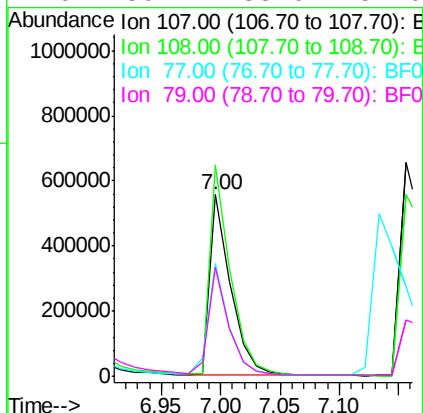
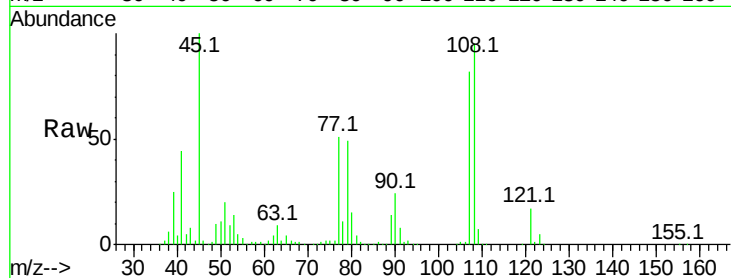




#17
2-Methylphenol
Concen: 71.10 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

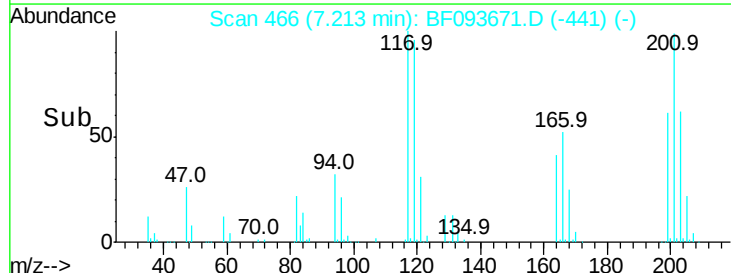
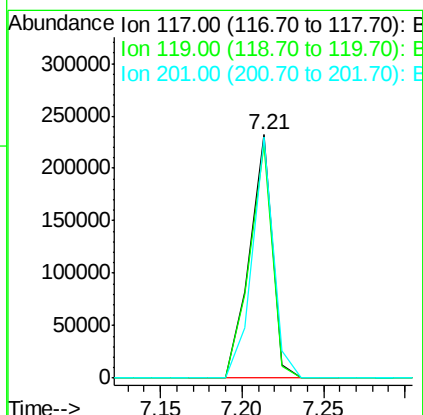
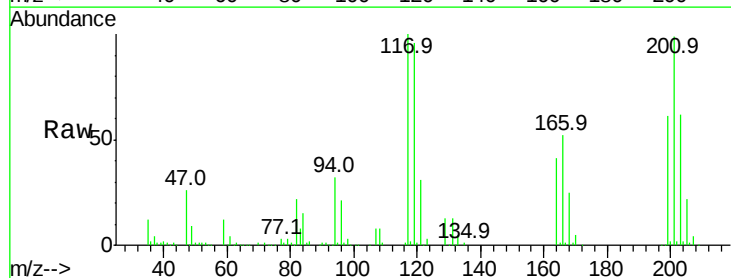
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

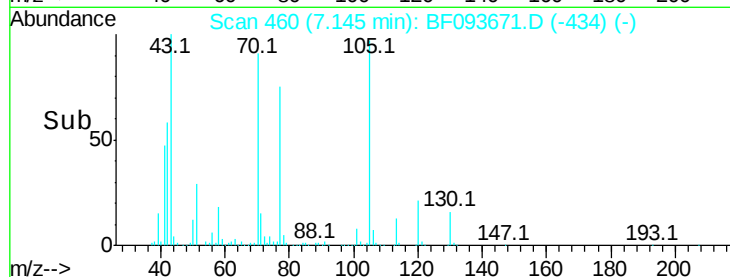
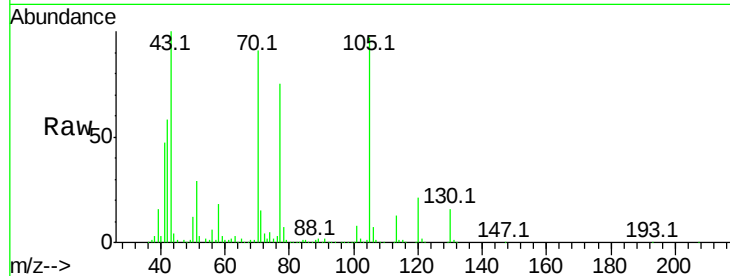
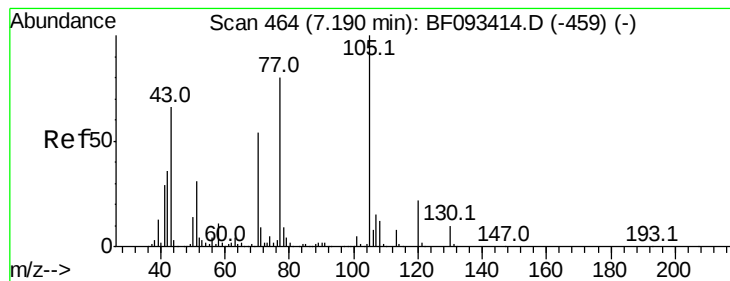
Tot Ion:107 Resp: 682663
Ion Ratio Lower Upper
107 100
108 116.2 93.0 139.6
77 62.0 39.8 59.8#
79 59.7 38.0 57.0#



#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





#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

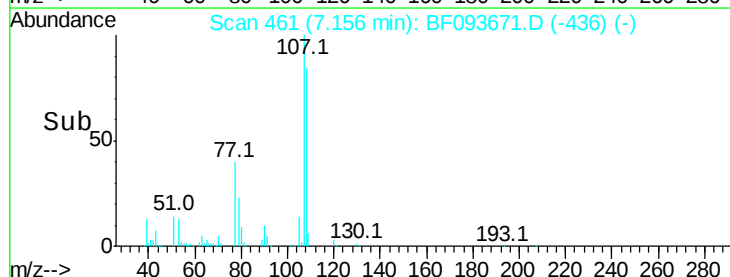
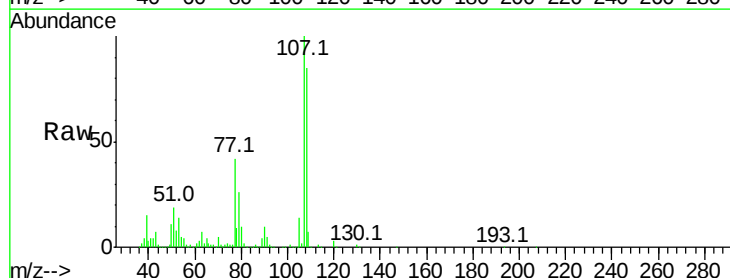
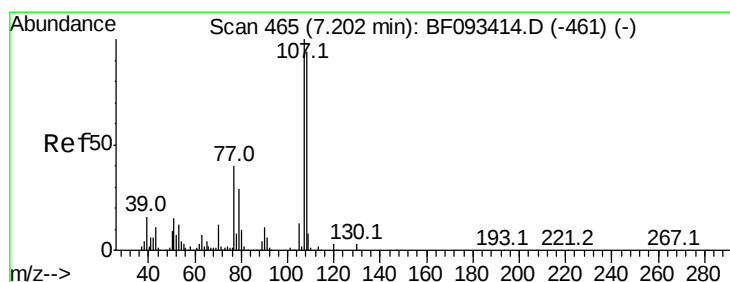
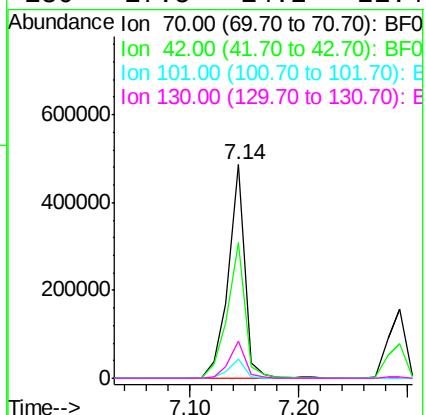
Ion Ratio Lower Upper

70 100

42 63.8 49.4 74.0

101 8.8 7.4 11.2

130 17.5 14.2 21.4



#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

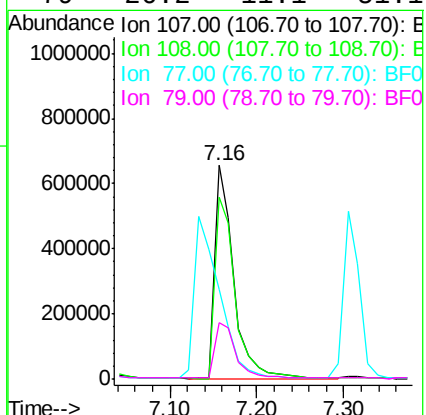
Ion Ratio Lower Upper

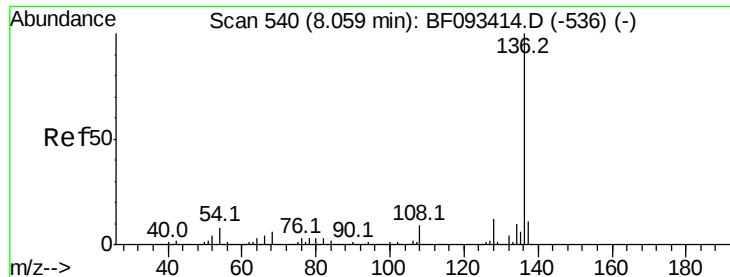
107 100

108 85.1 73.0 113.0

77 41.8 71.3 111.3#

79 26.2 11.1 51.1

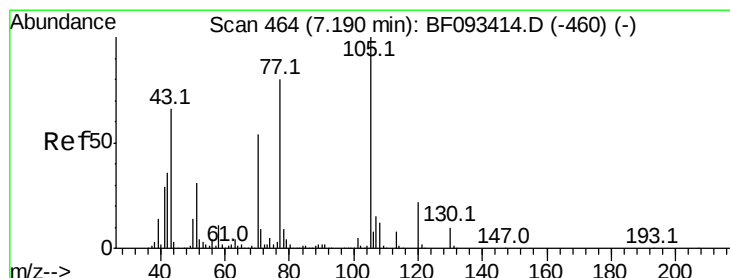
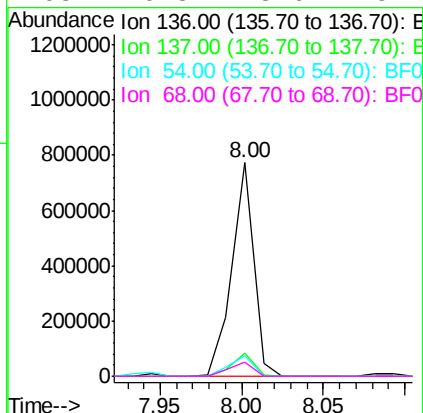
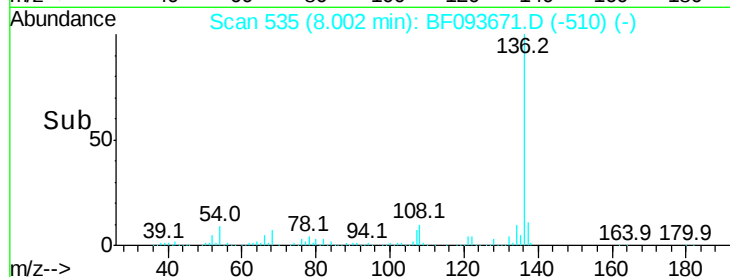
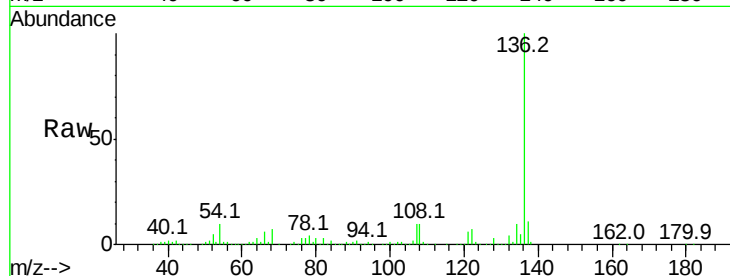




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

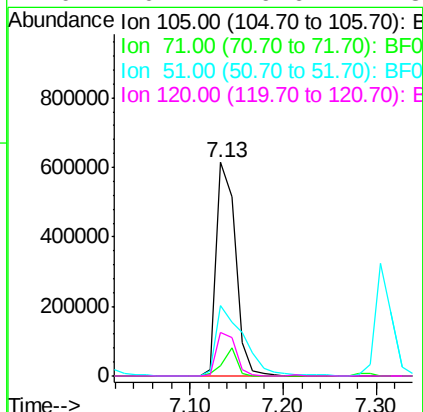
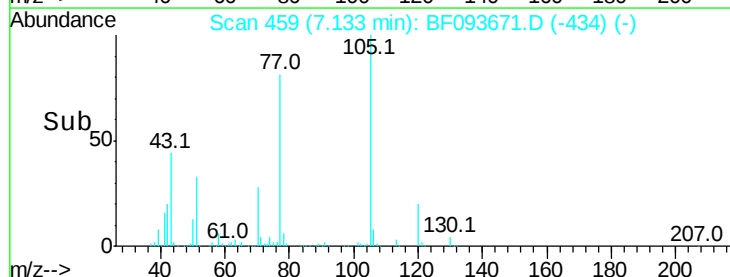
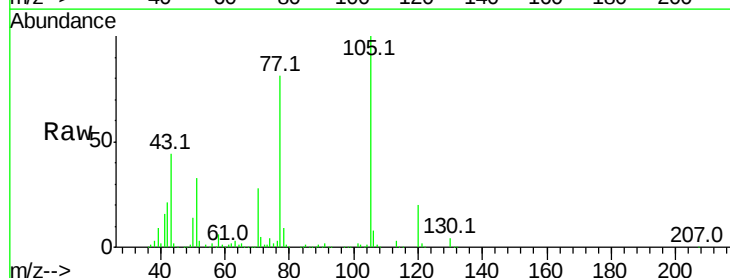
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

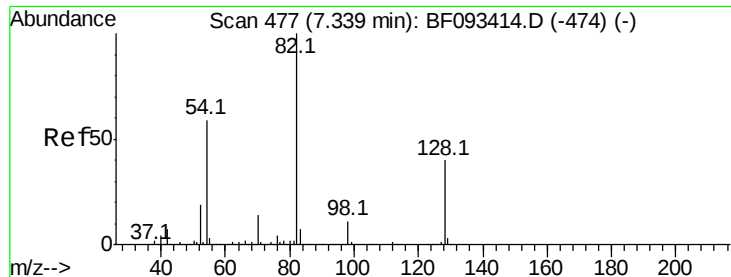
Tot Ion:136	Resp:	713431
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	9.5	4.5 6.7#
68	6.8	3.6 5.4#



#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





#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

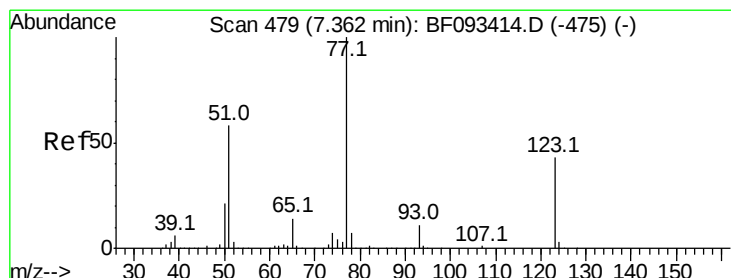
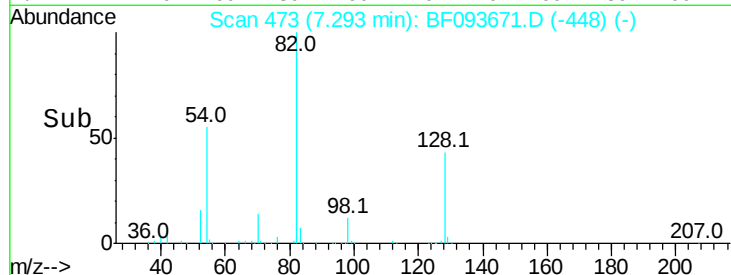
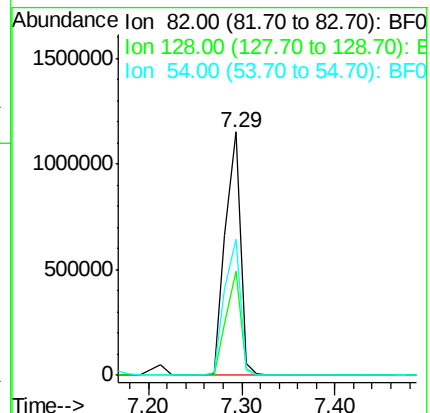
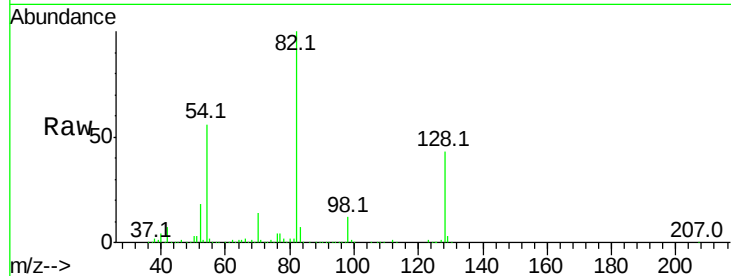
Tot Ion: 82 Resp: 1301385

Ion Ratio Lower Upper

82 100

128 42.8 34.6 52.0

54 56.1 39.5 59.3



#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

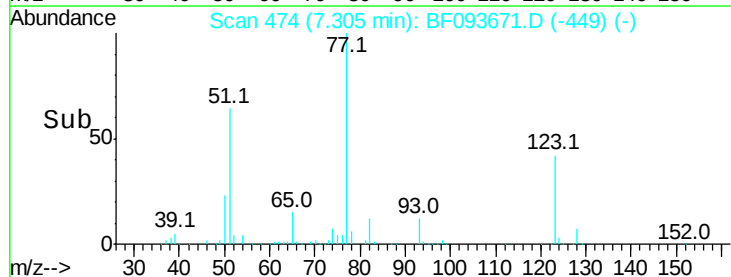
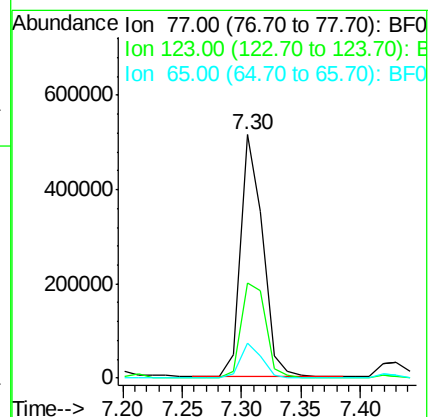
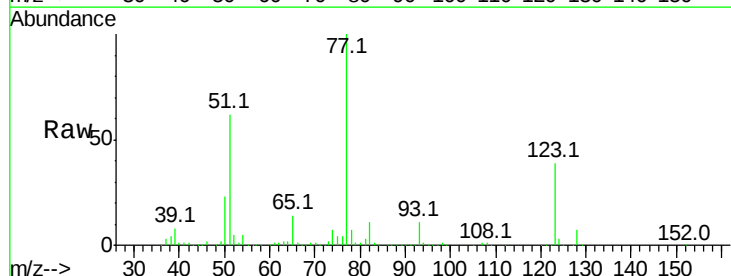
Tgt Ion: 77 Resp: 665448

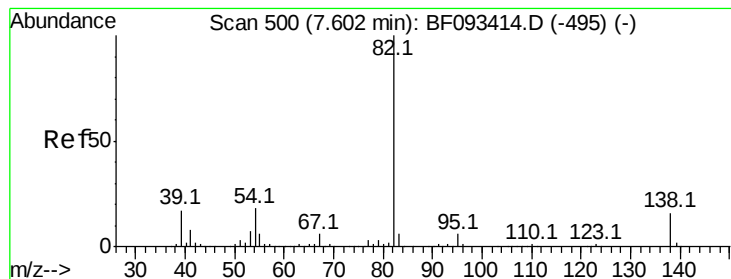
Ion Ratio Lower Upper

77 100

123 39.1 33.0 49.4

65 14.3 11.2 16.8





#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

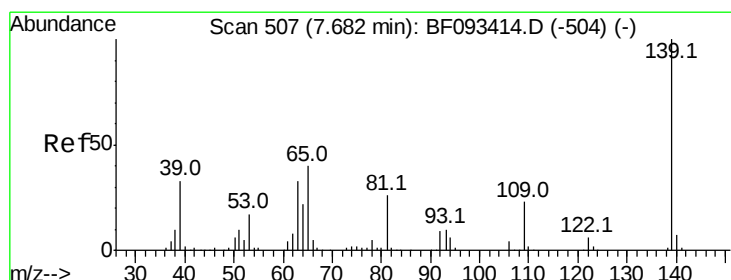
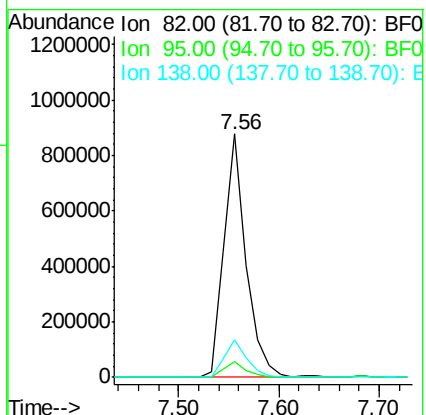
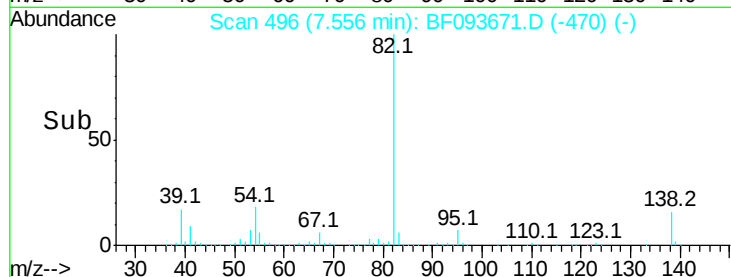
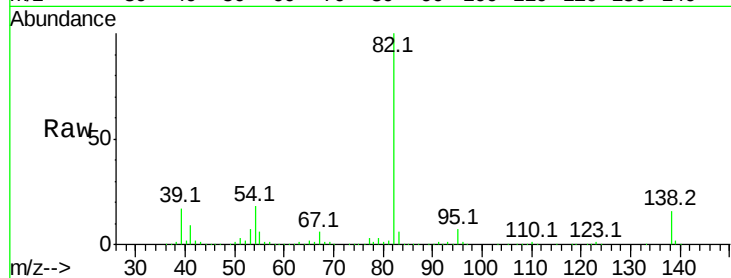
Tot Ion: 82 Resp: 1335686

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

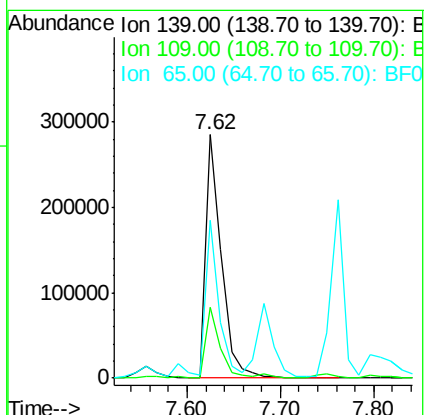
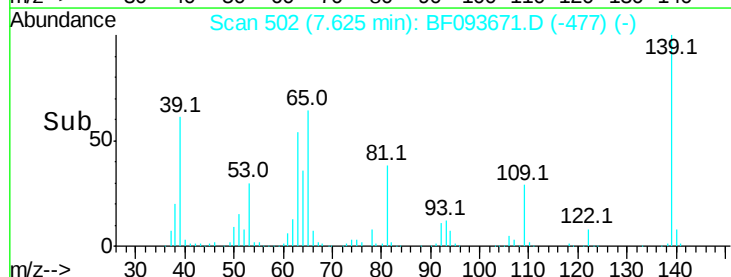
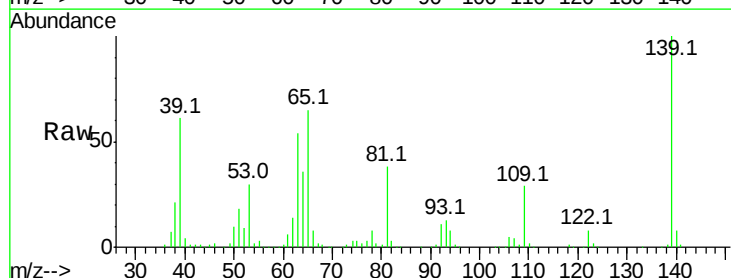
Tgt Ion: 139 Resp: 335105

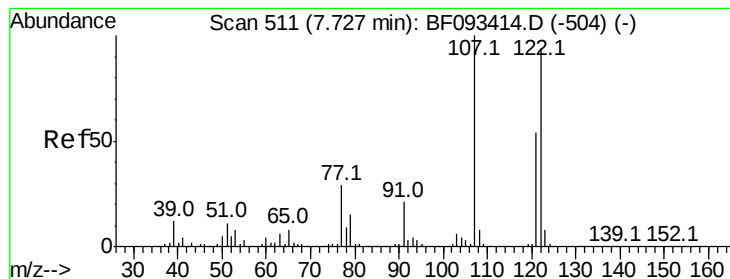
Ion Ratio Lower Upper

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

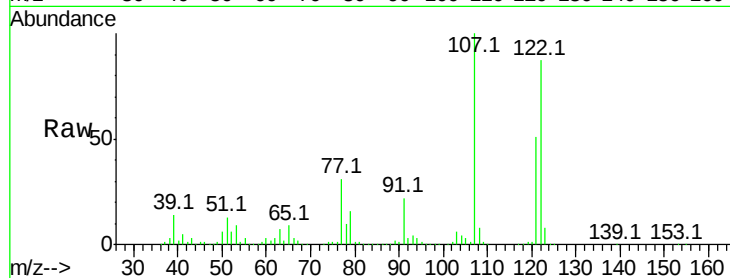
Tot Ion:122 Resp: 967705

Ion Ratio Lower Upper

122 100

107 114.6 94.1 141.1

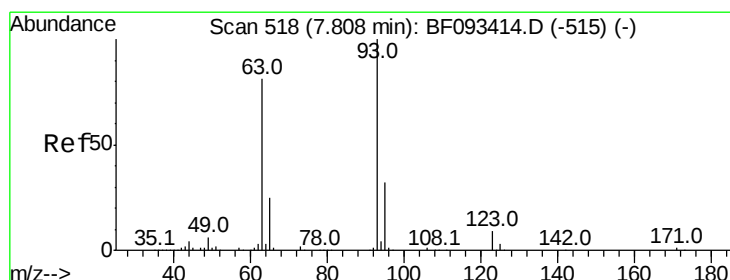
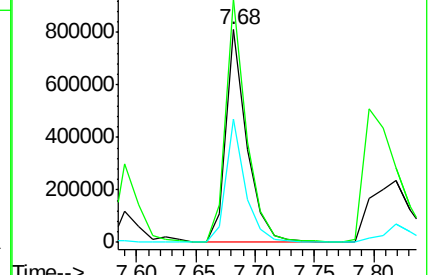
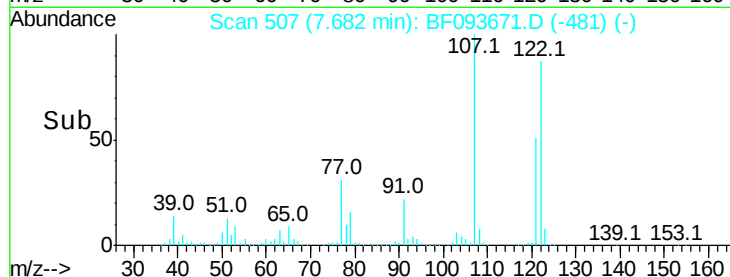
121 58.0 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

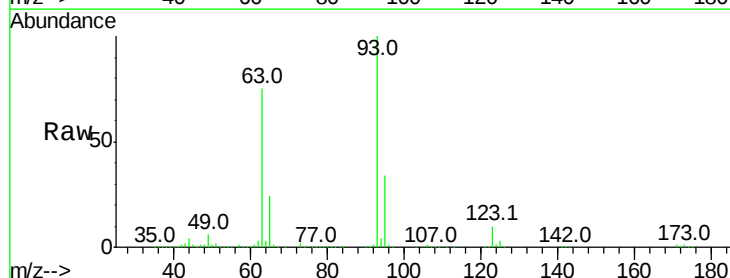
Tgt Ion: 93 Resp: 845692

Ion Ratio Lower Upper

93 100

95 33.5 26.5 39.7

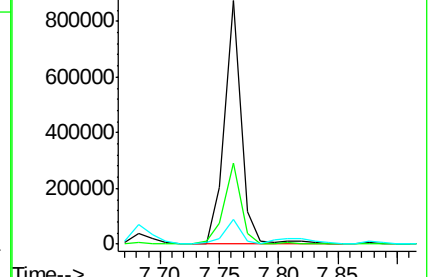
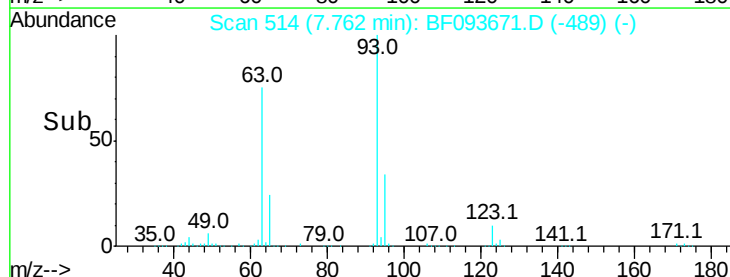
123 9.9 8.6 13.0

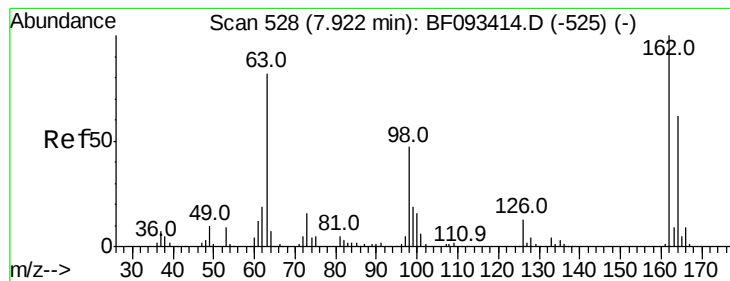


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 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

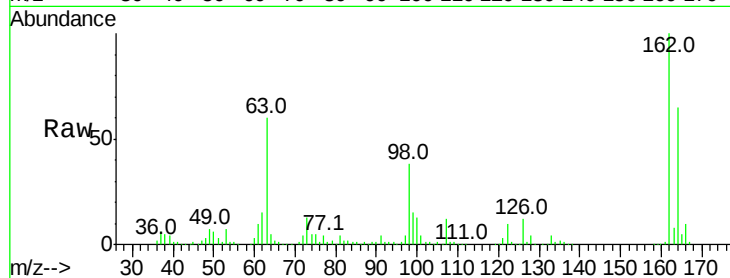
Tot Ion:162 Resp: 499578

Ion Ratio Lower Upper

162 100

164 64.5 46.8 86.8

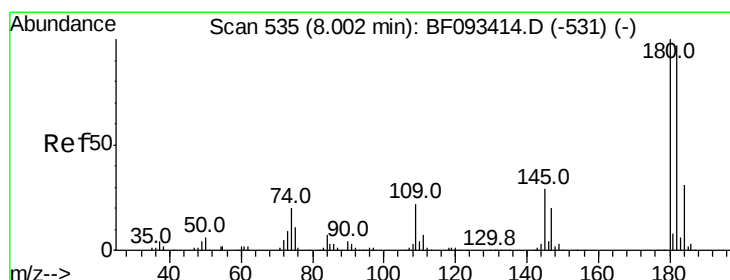
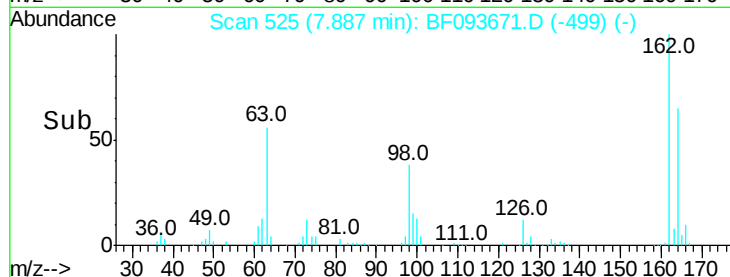
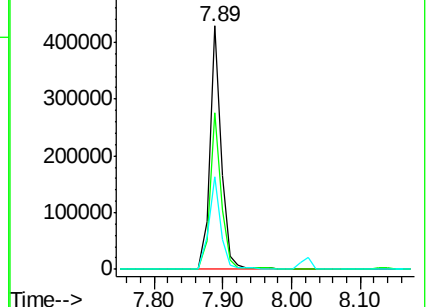
98 38.0 9.1 49.1



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

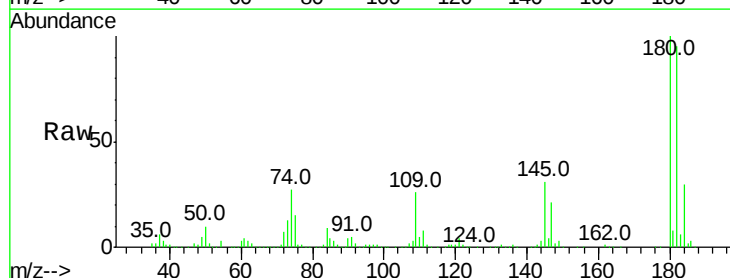
Tgt Ion:180 Resp: 496883

Ion Ratio Lower Upper

180 100

182 95.0 78.2 117.4

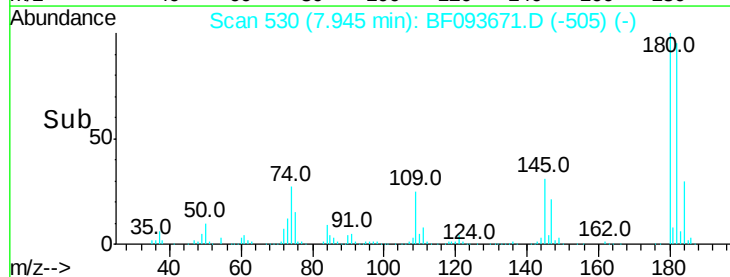
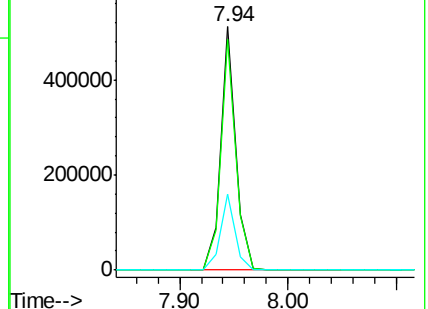
145 31.2 21.6 32.4

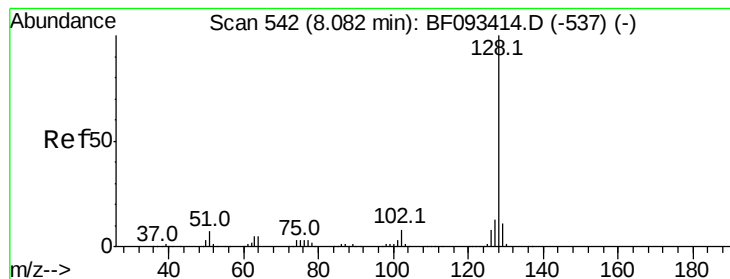


Abundance Ion 180.00 (179.70 to 180.70): E

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

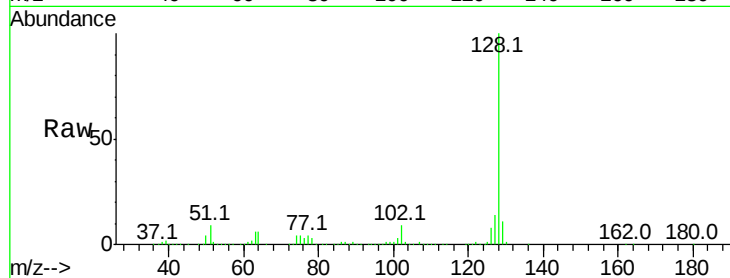
Tot Ion:128 Resp: 1741460

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

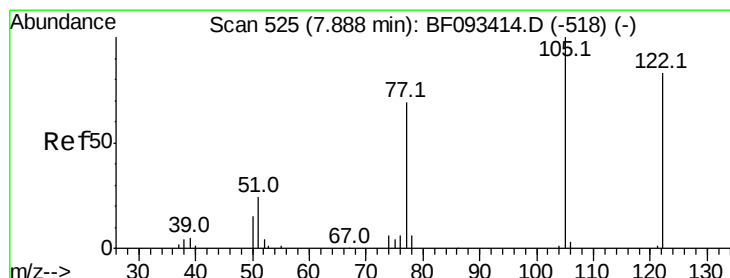
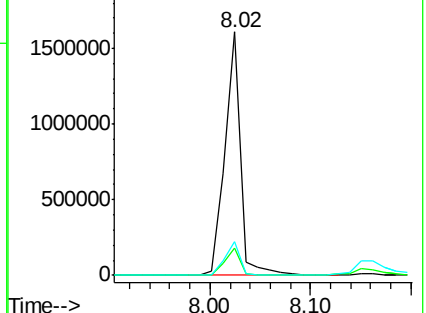
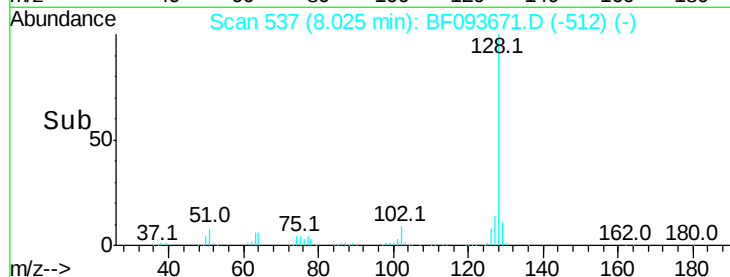
127 13.7 10.8 16.2



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



#32

Benzoic acid

Concen: 98.63 ng

RT: 7.82 min Scan# 519

Delta R.T. -0.03 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

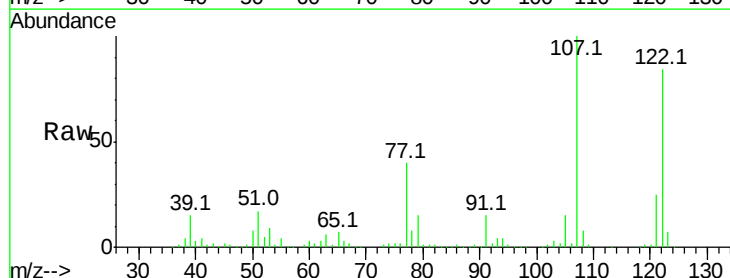
Tgt Ion:122 Resp: 549697

Ion Ratio Lower Upper

122 100

105 17.4 107.2 147.2#

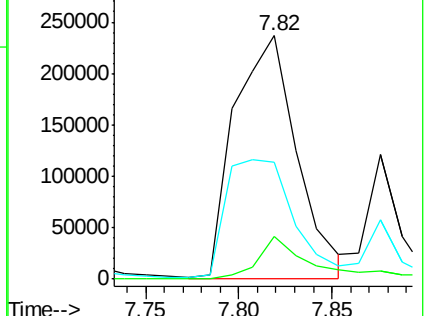
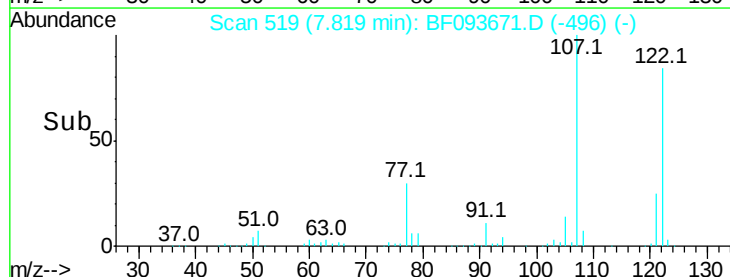
77 47.9 74.5 114.5#

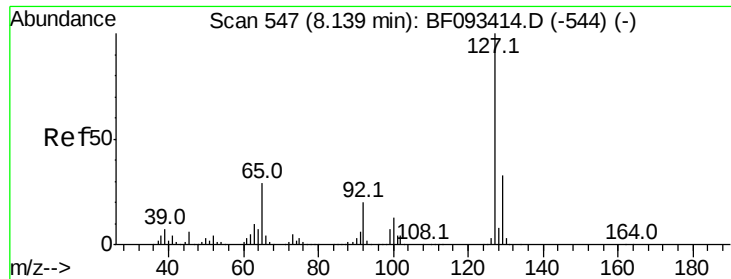


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

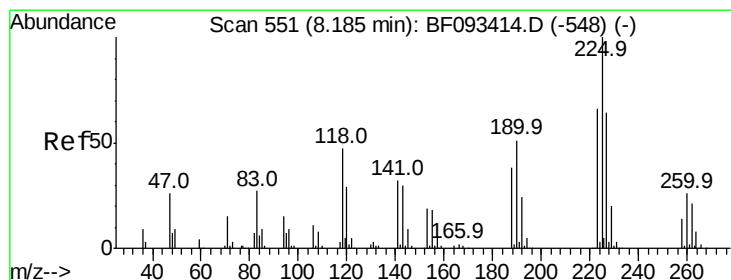
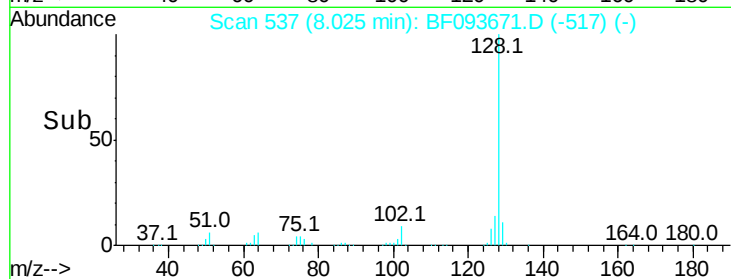
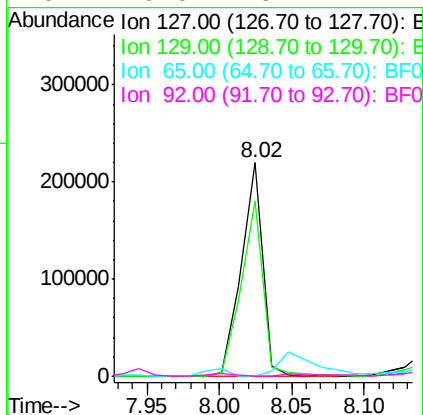
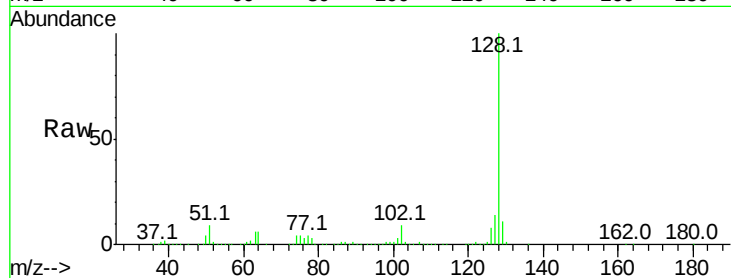




#33
4-Chloroaniline
Concen: 15.61 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

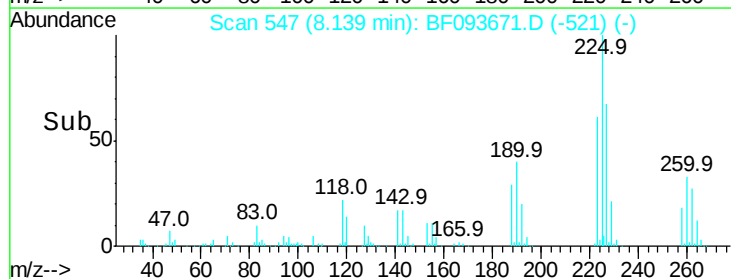
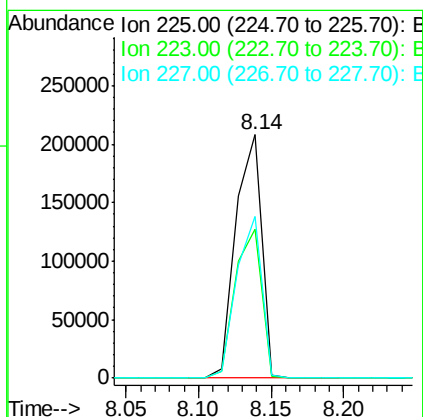
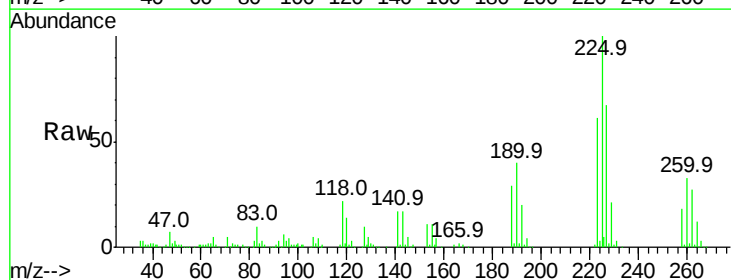
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

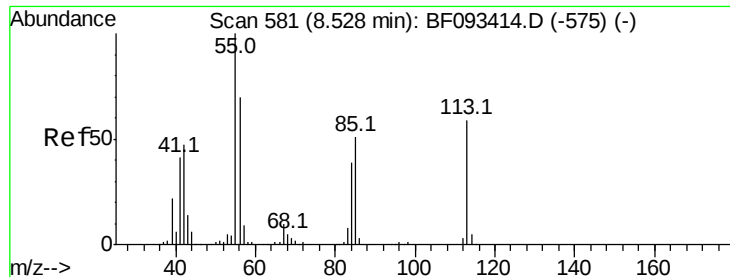
Tot Ion:127 Resp: 226503
Ion Ratio Lower Upper
127 100
129 81.8 26.3 39.5#
65 0.0 25.8 38.8#
92 0.0 16.1 24.1#



#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

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





#35

Caprolactam

Concen: 27.72 ng

RT: 8.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

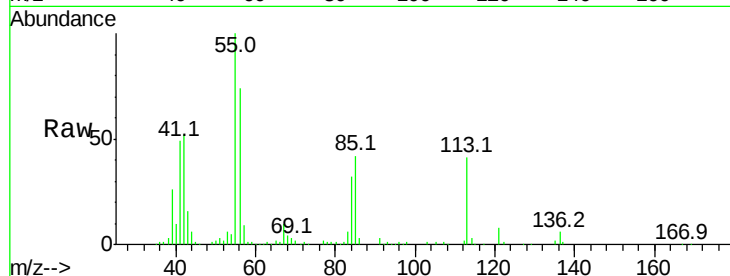
Tot Ion:113 Resp: 95520

Ion Ratio Lower Upper

113 100

55 245.5 119.2 159.2#

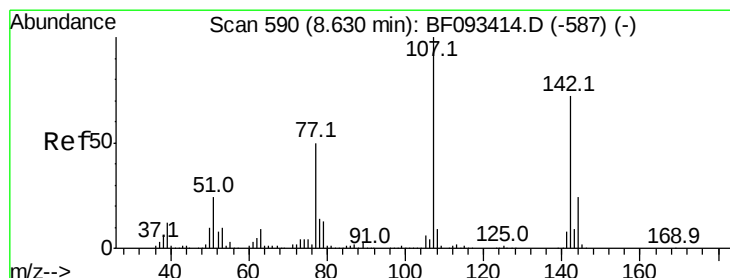
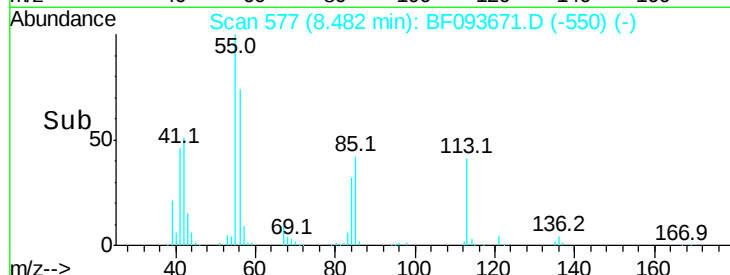
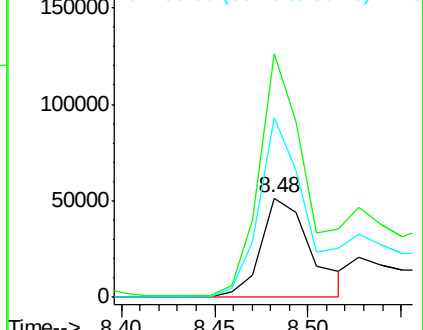
56 181.4 83.8 123.8#



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

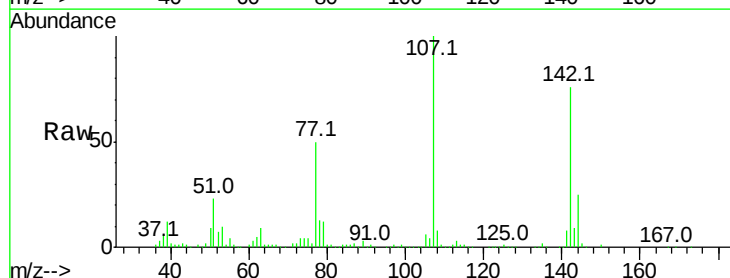
Tgt Ion:107 Resp: 556585

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

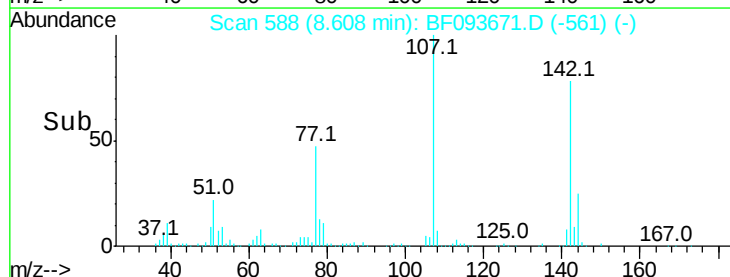
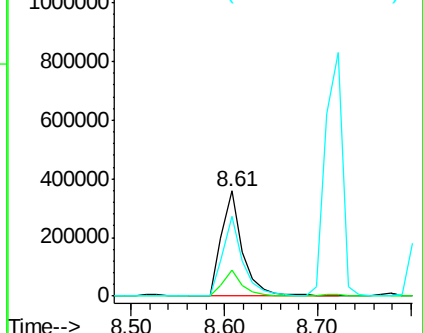
142 76.3 59.0 88.6

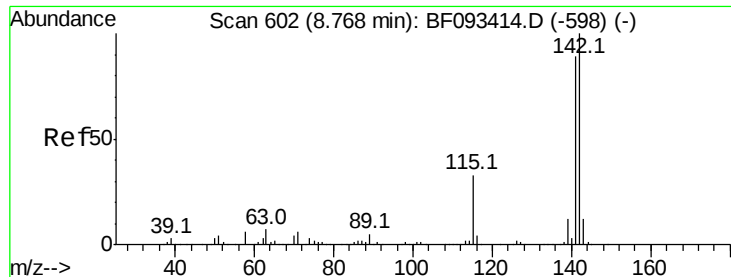


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

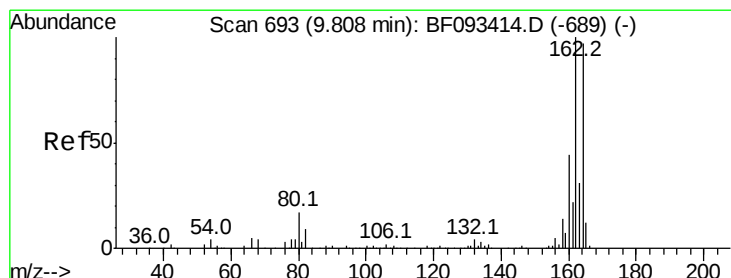
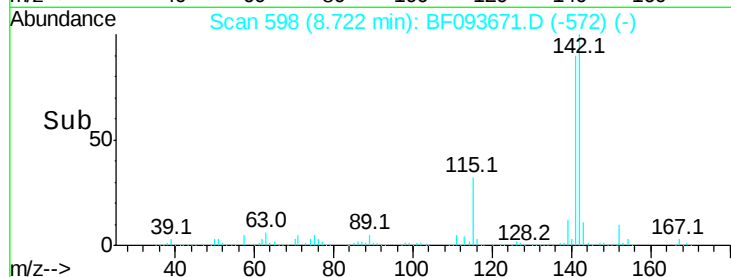
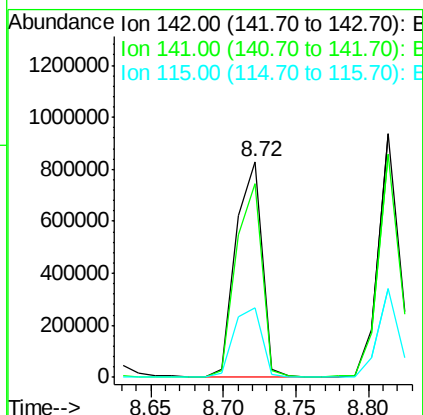
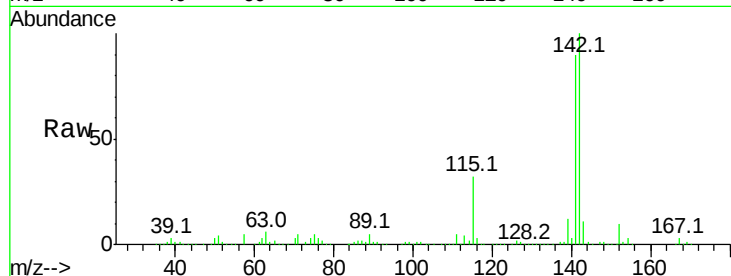




#37
2-Methylnaphthalene
Concen: 45.76 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

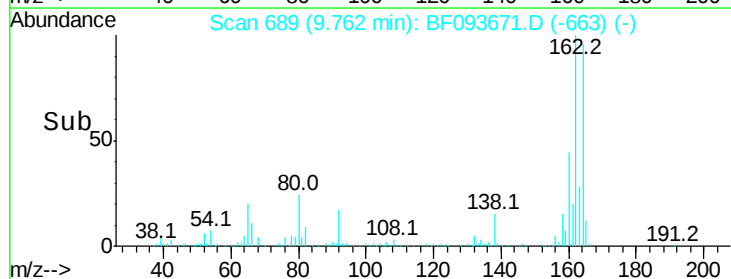
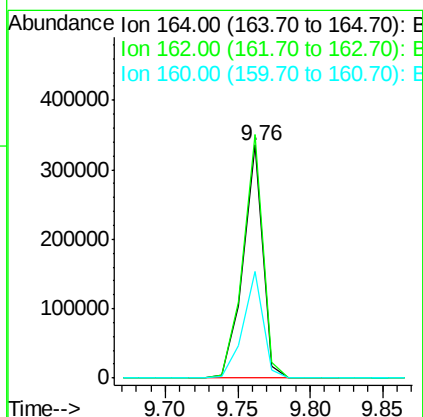
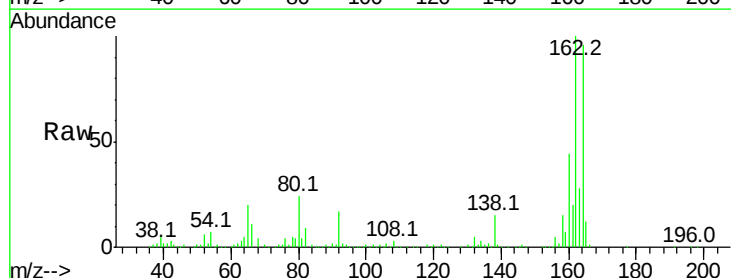
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

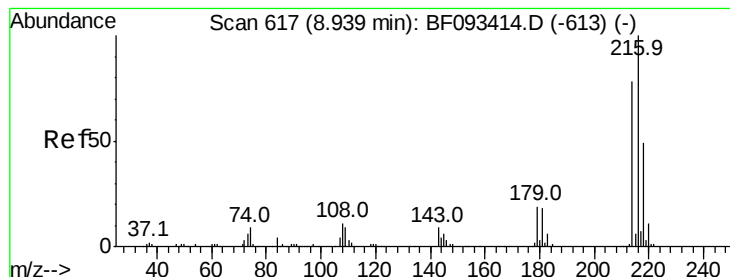
Tot Ion:142 Resp: 1040852
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6
115 32.4 28.3 42.5



#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

Tgt Ion:164 Resp: 318277
Ion Ratio Lower Upper
164 100
162 104.6 80.2 120.2
160 46.0 36.9 55.3





#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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

Tot Ion:216 Resp: 459410

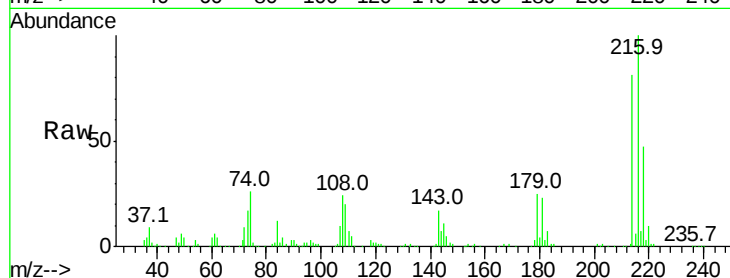
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 21.8 17.4 26.2

108 20.7 15.6 23.4

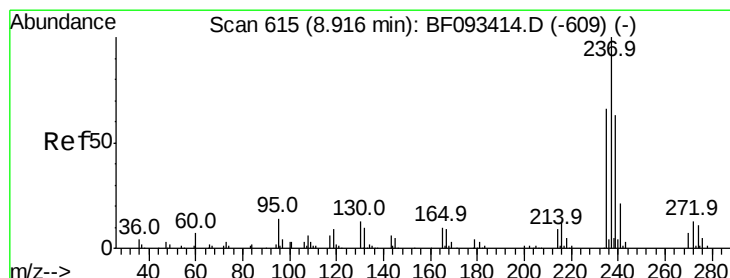
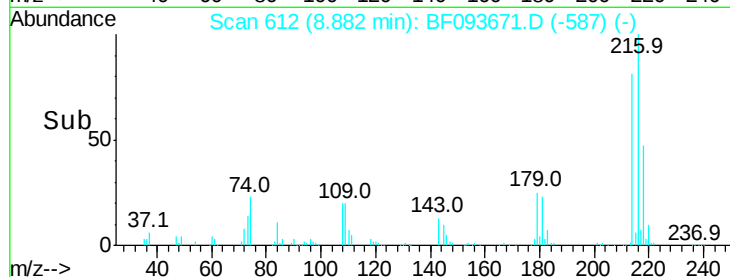
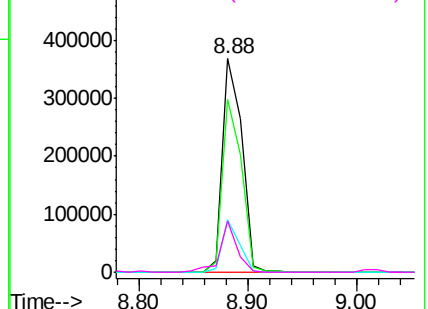


Abundance Ion 216.00 (215.70 to 216.70): E

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

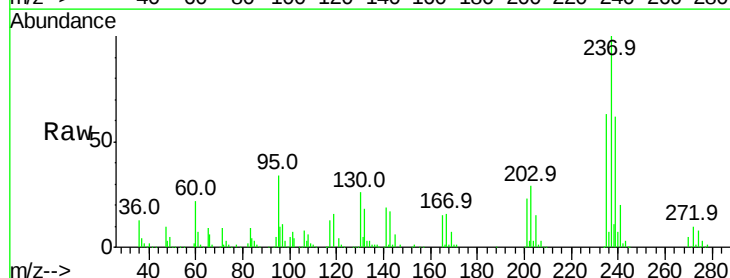
Tgt Ion:237 Resp: 211437

Ion Ratio Lower Upper

237 100

235 63.3 41.2 81.2

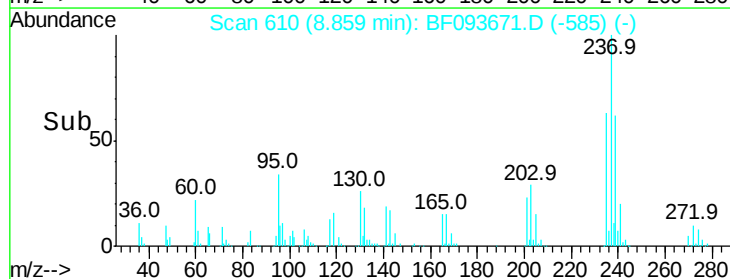
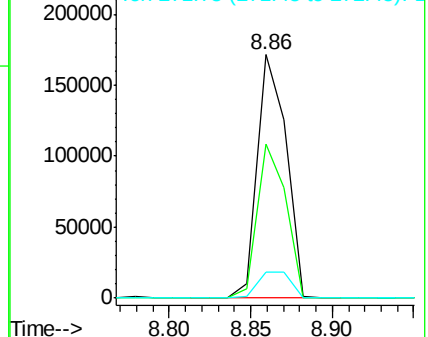
272 10.4 0.0 35.4

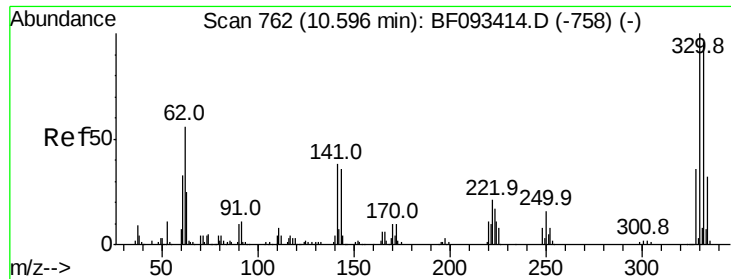


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

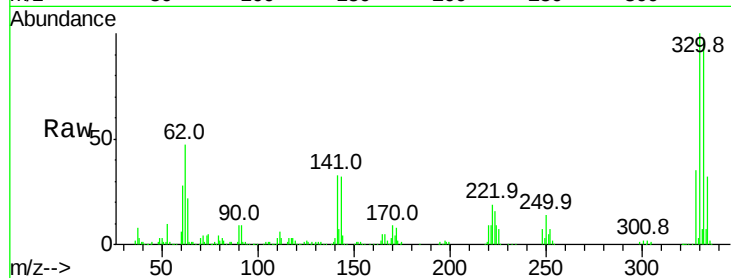




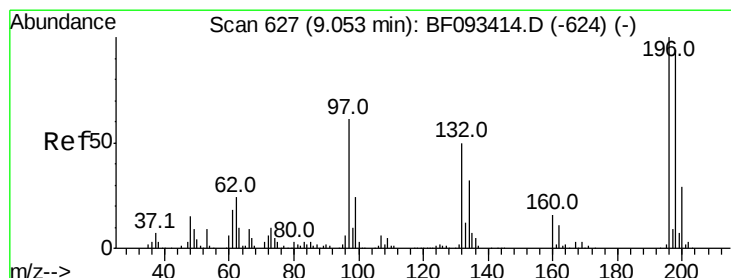
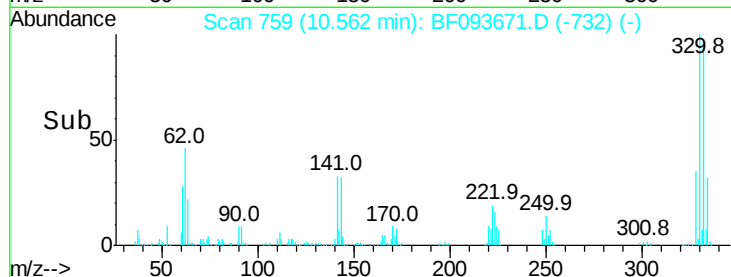
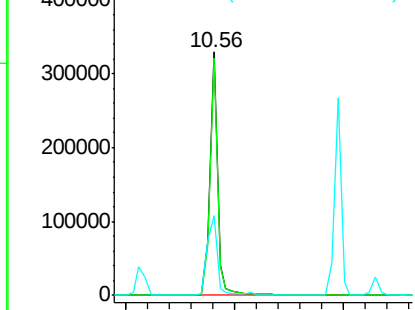
#41
 2,4,6-Tribromophenol
 Concen: 158.82 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

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

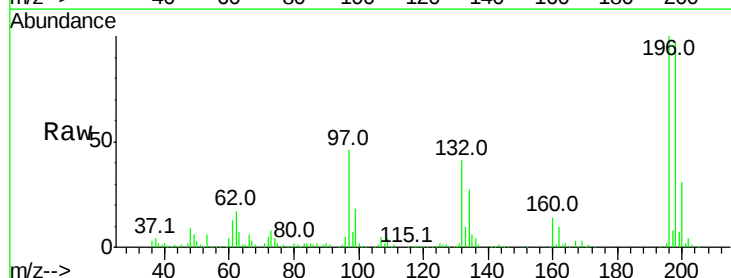


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

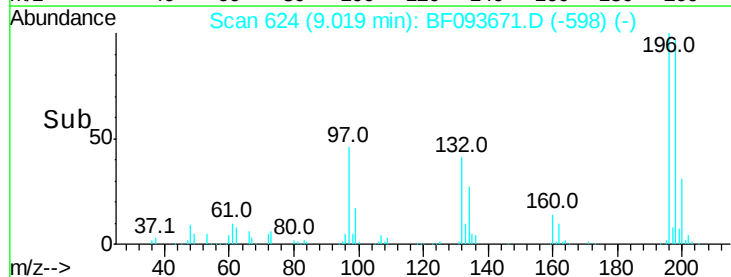
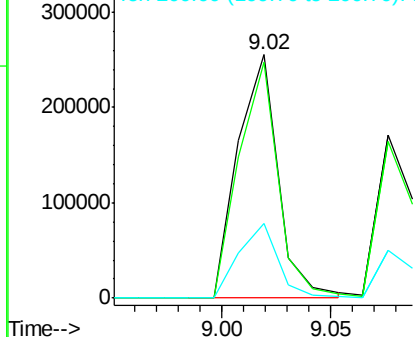


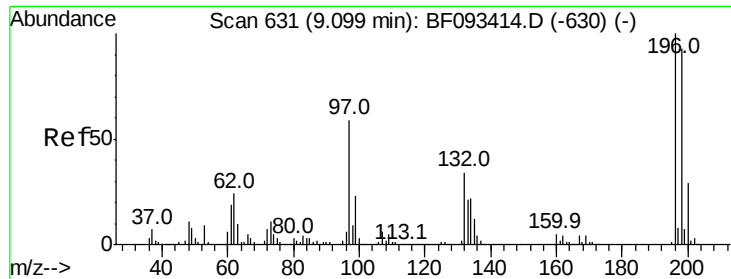
#42
 2,4,6-Trichlorophenol
 Concen: 60.59 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt 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

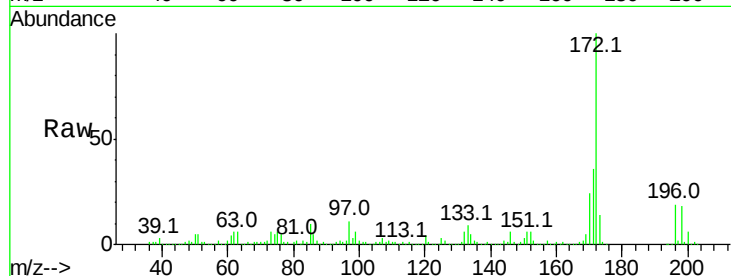




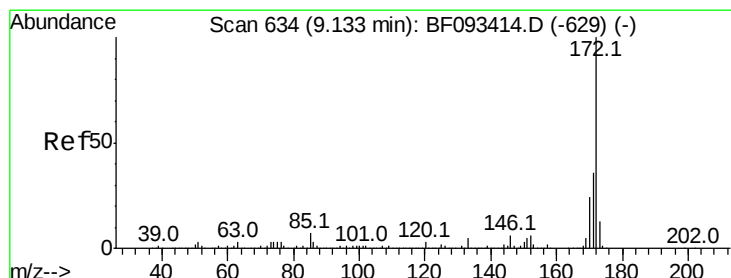
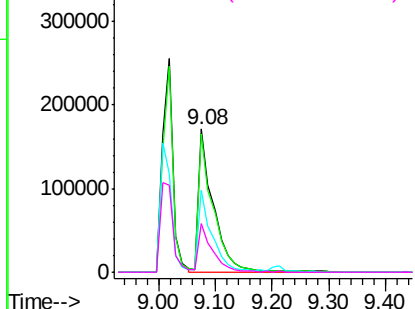
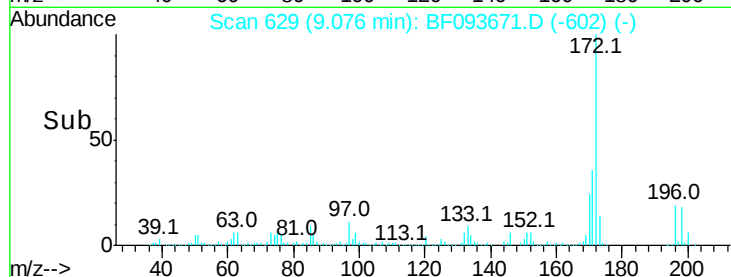
#43
 2,4,5-Trichlorophenol
 Concen: 52.25 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

Tot 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

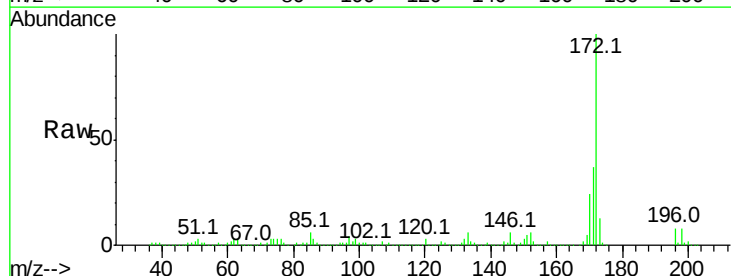


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

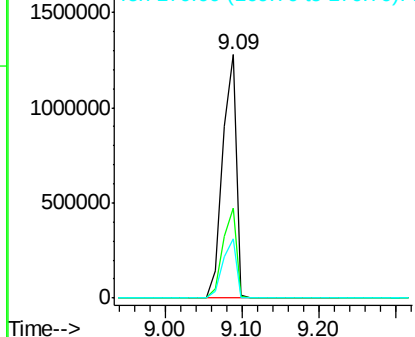
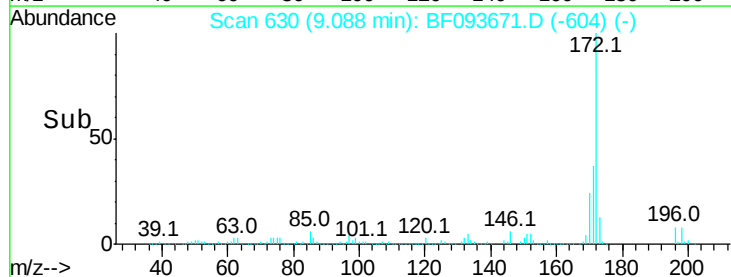


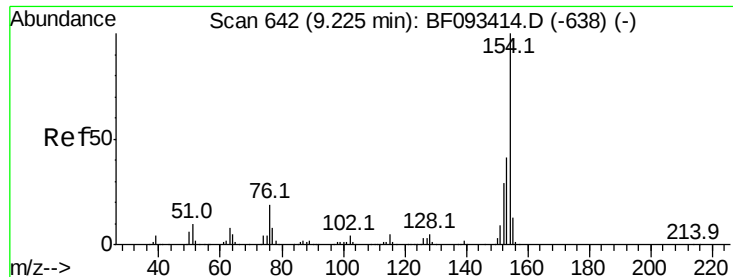
#44
 2-Fluorobiphenyl
 Concen: 94.30 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt 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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

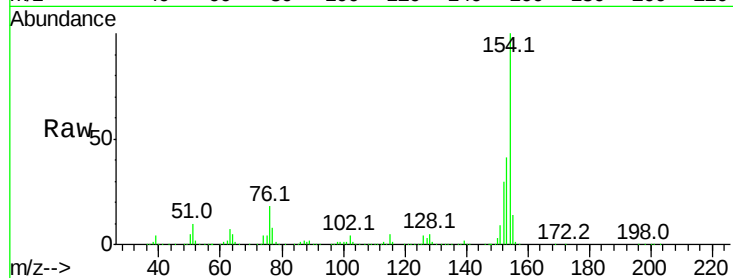
Tot Ion:154 Resp: 1198900

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

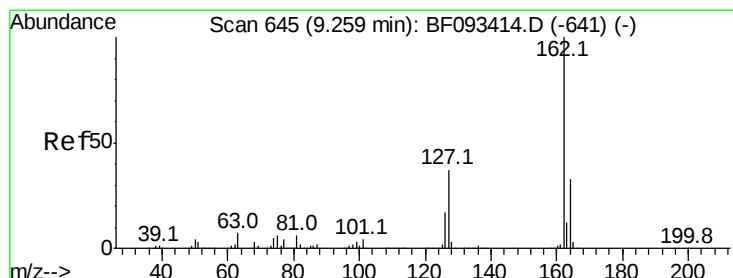
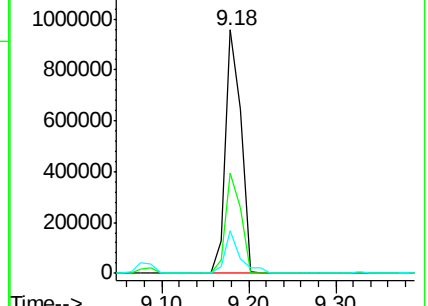
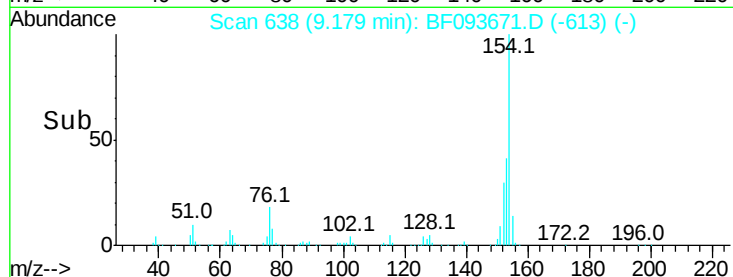
76 17.8 0.0 30.5



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

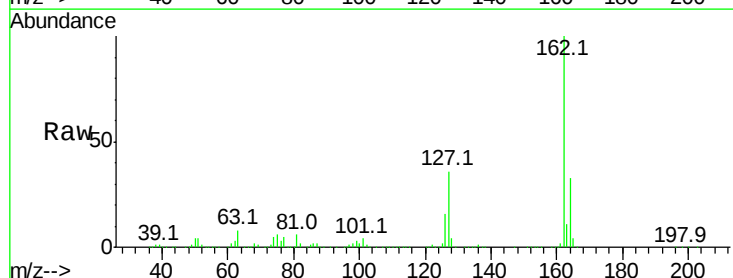
Tgt Ion:162 Resp: 1022302

Ion Ratio Lower Upper

162 100

127 36.2 30.7 46.1

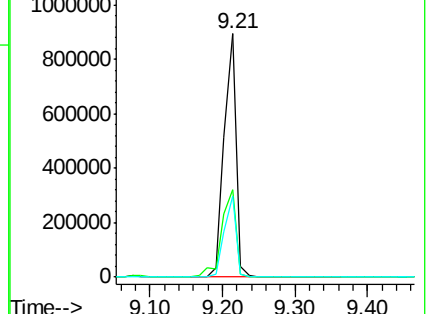
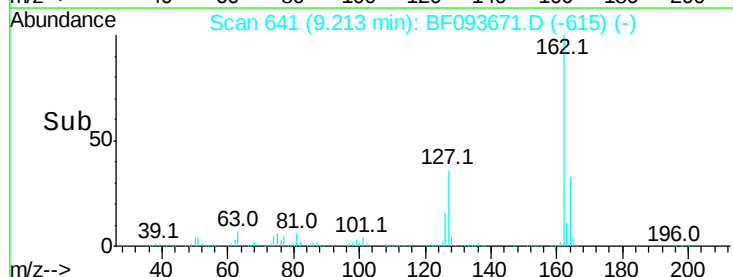
164 33.3 27.6 41.4

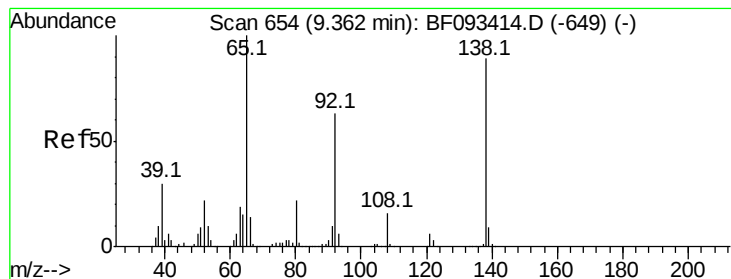


Abundance Ion 162.00 (161.70 to 162.70): E

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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

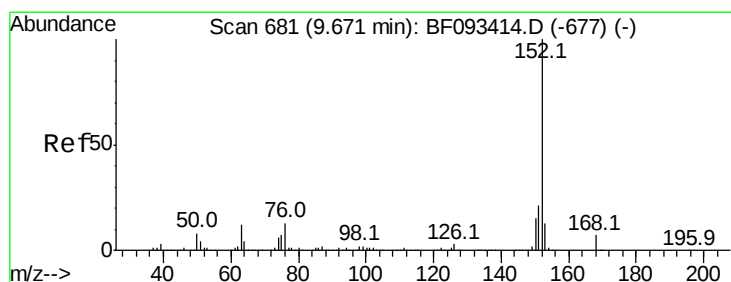
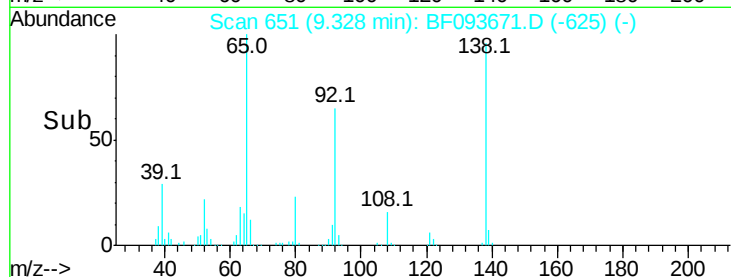
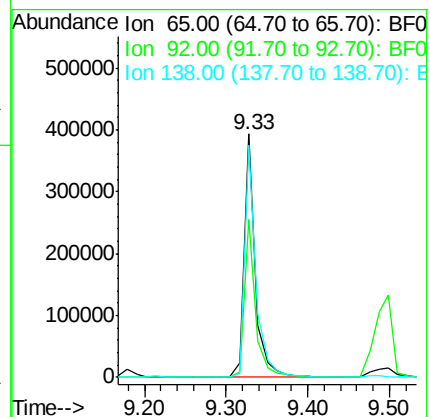
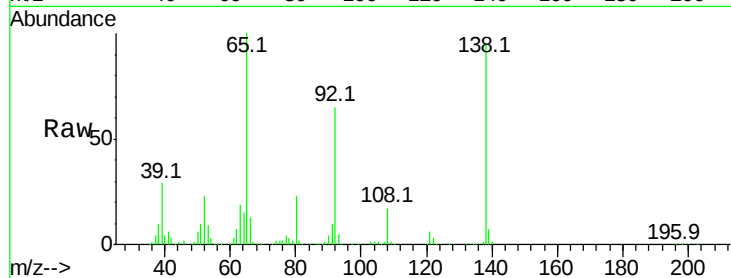
Tot Ion: 65 Resp: 377691

Ion Ratio Lower Upper

65 100

92 64.9 53.9 80.9

138 95.5 76.8 115.2



#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

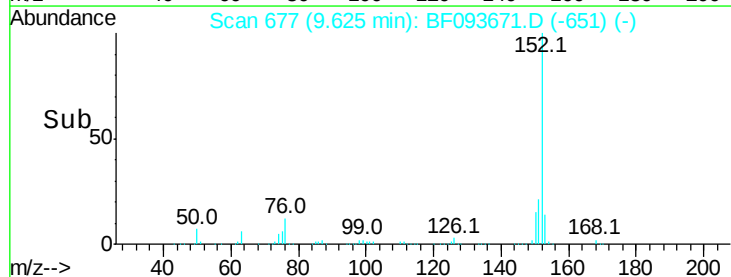
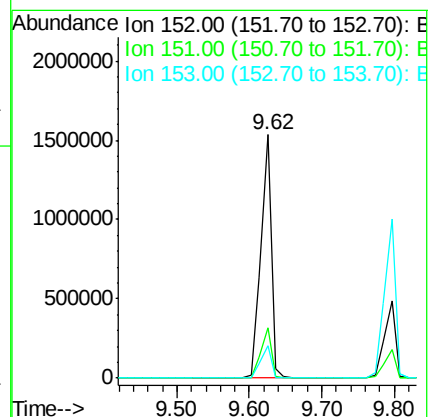
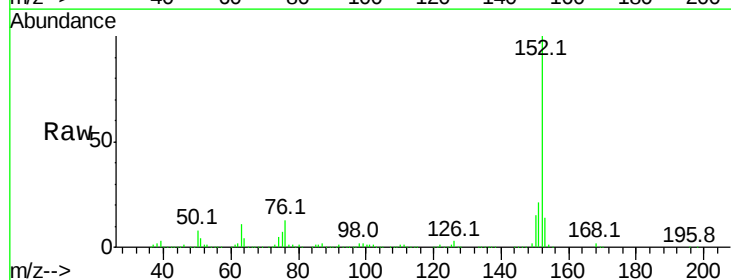
Tgt Ion: 152 Resp: 1563274

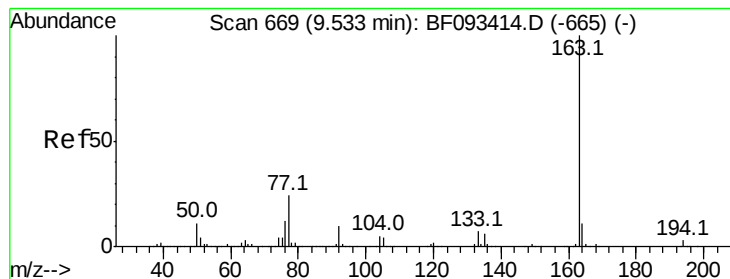
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.6 11.4 17.2





#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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

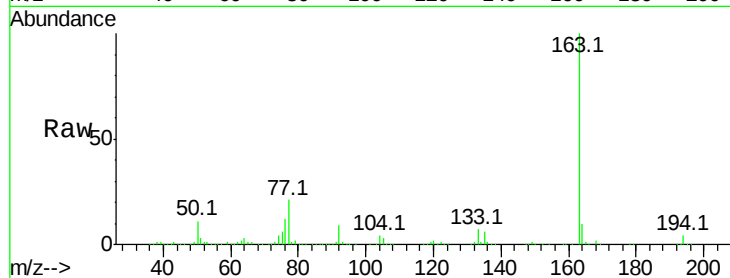
Tot Ion:163 Resp: 1488089

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

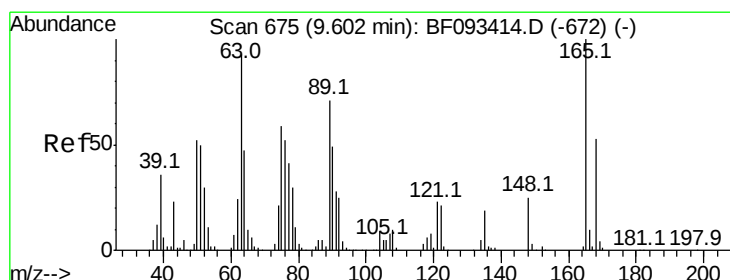
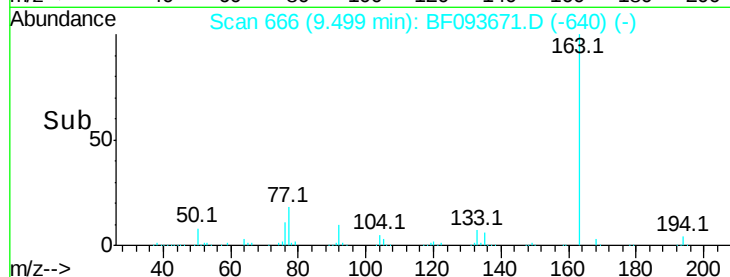
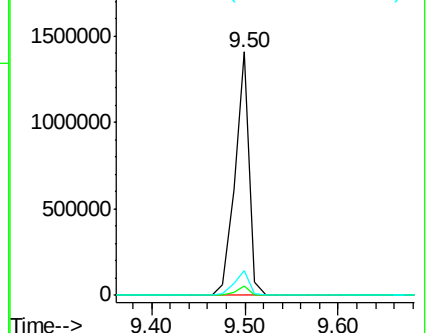
164 10.4 8.0 12.0



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

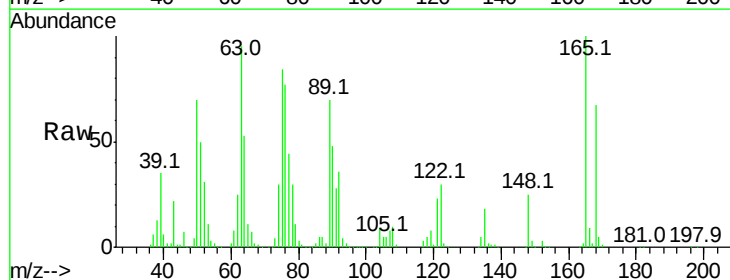
Tgt Ion:165 Resp: 229215

Ion Ratio Lower Upper

165 100

63 95.1 36.2 54.4#

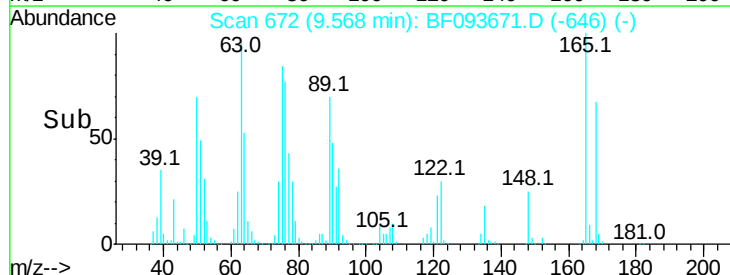
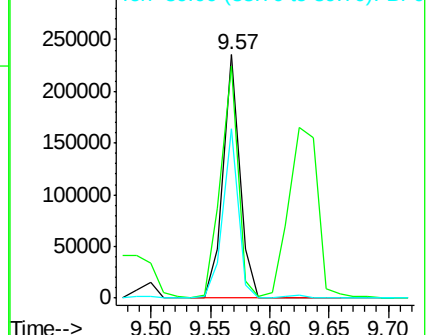
89 69.6 40.2 60.4#

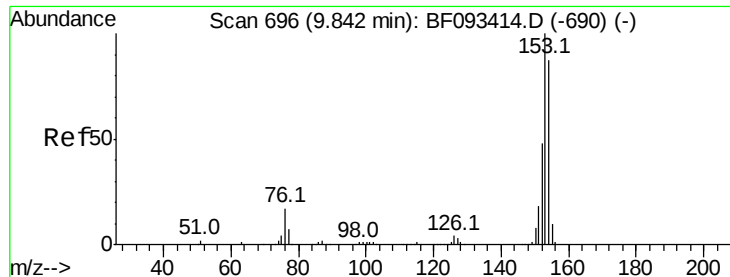


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

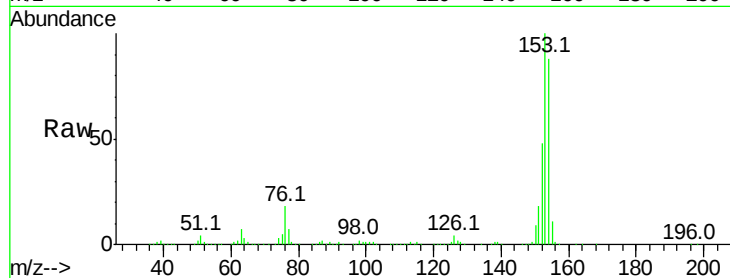
Tot Ion:154 Resp: 927659

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

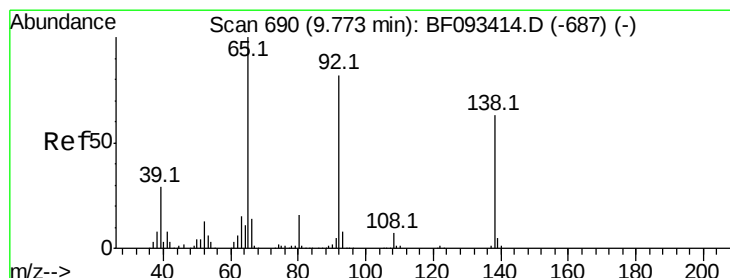
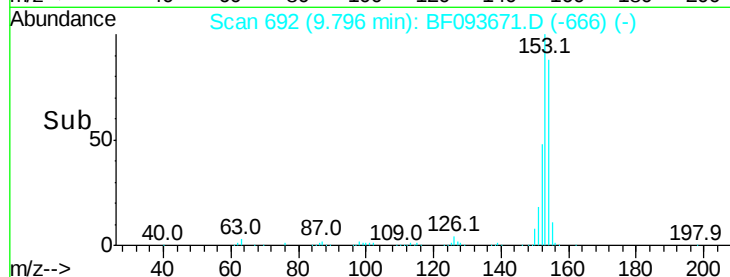
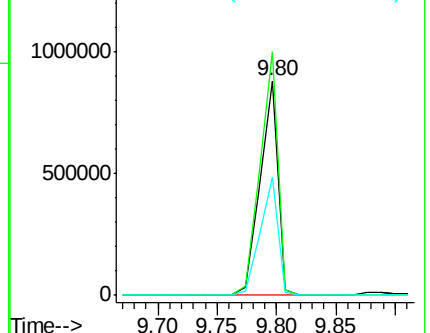
152 55.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 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

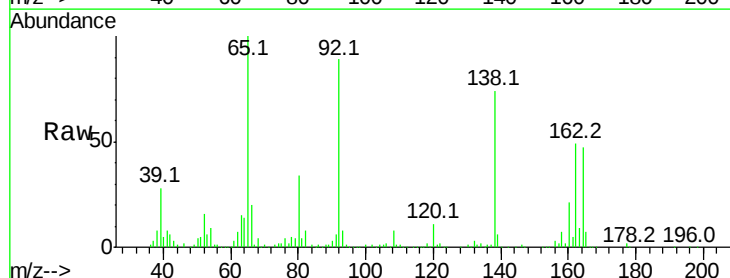
Tgt Ion:138 Resp: 191640

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

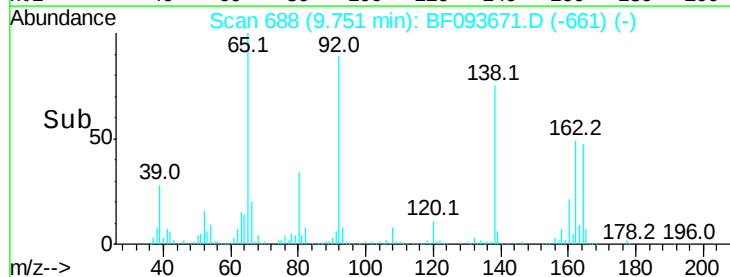
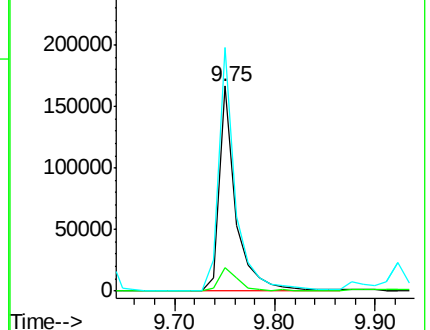
92 118.9 97.8 146.8

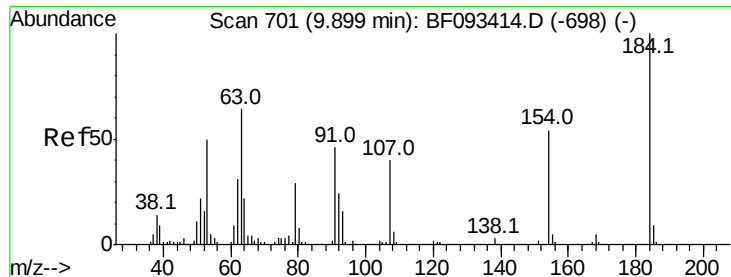


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

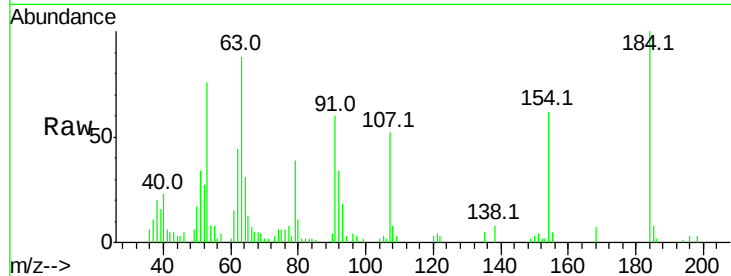




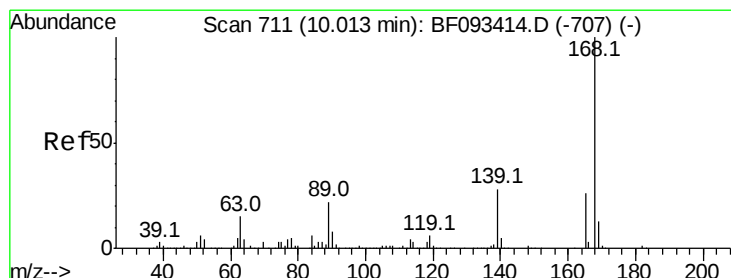
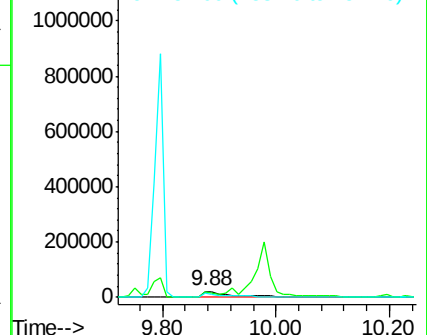
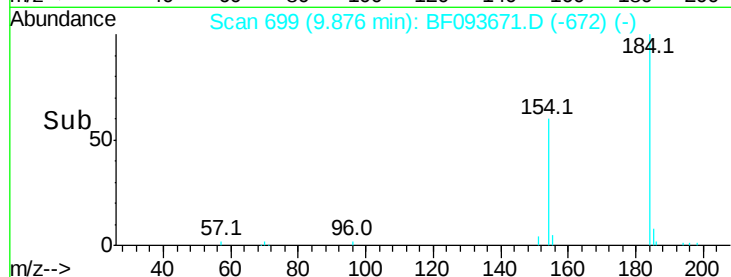
#53
2,4-Dinitrophenol
Concen: 44.28 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

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

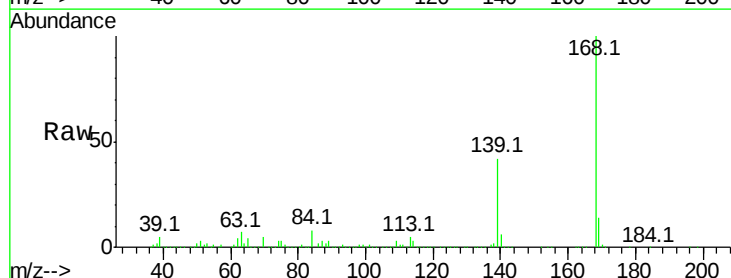


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

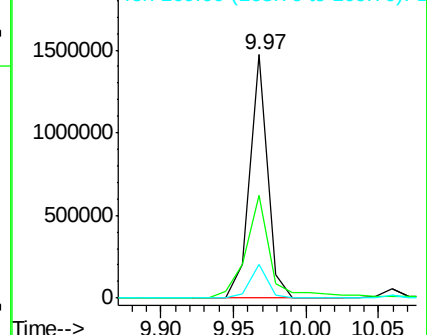
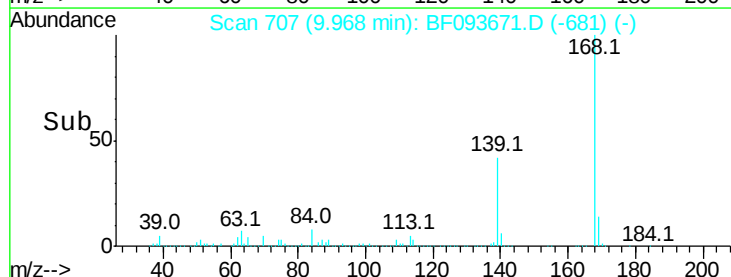


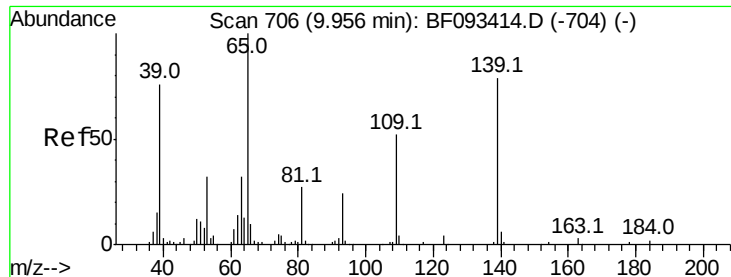
#54
Dibenzofuran
Concen: 57.92 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

Tgt 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: 293.35 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

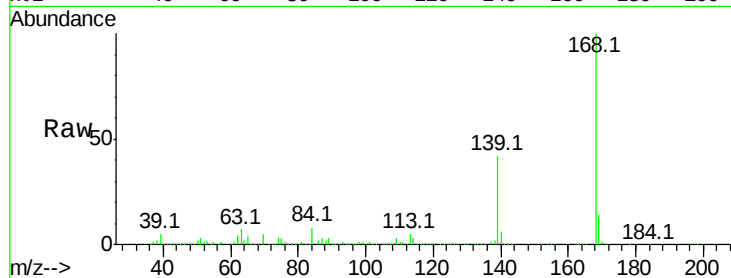
Tot Ion:139 Resp: 792569

Ion Ratio Lower Upper

139 100

109 6.5 52.2 92.2#

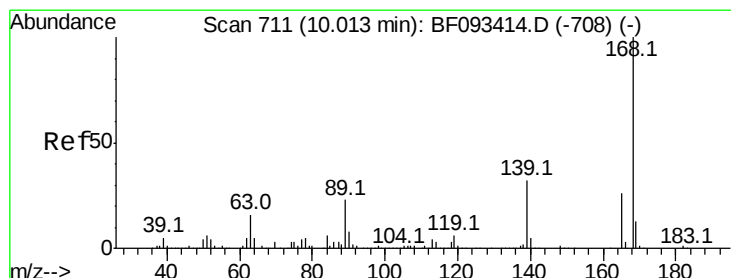
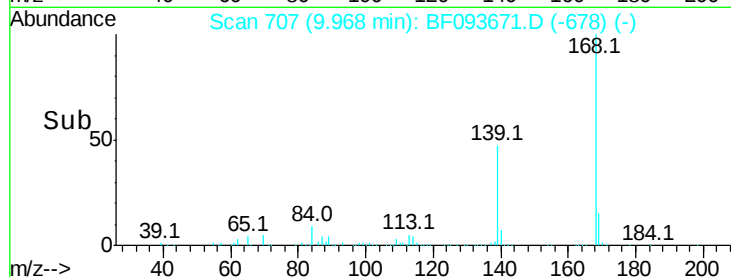
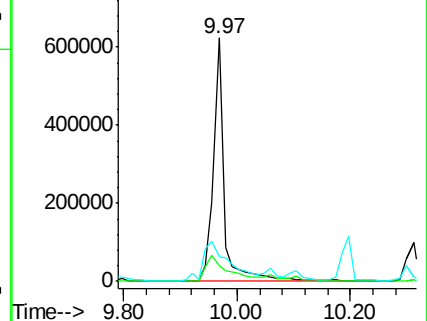
65 9.9 85.8 125.8#



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

Tgt Ion:165 Resp: 352183

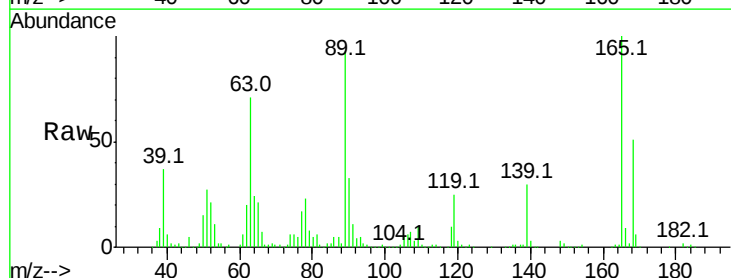
Ion Ratio Lower Upper

165 100

63 71.2 40.2 60.4#

89 92.6 62.5 93.7

182 2.3 1.8 2.8

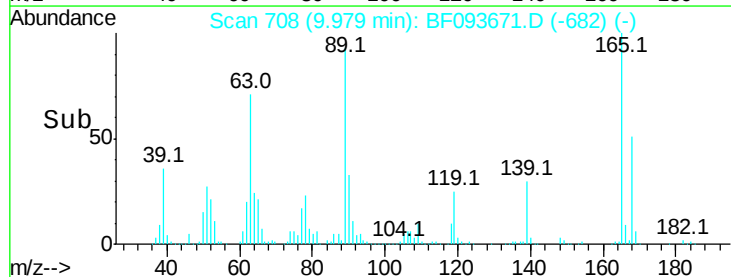
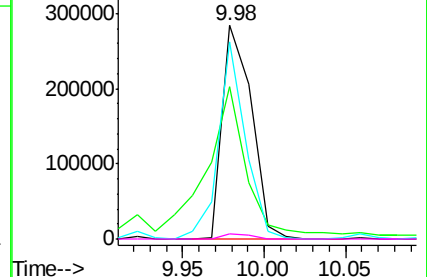


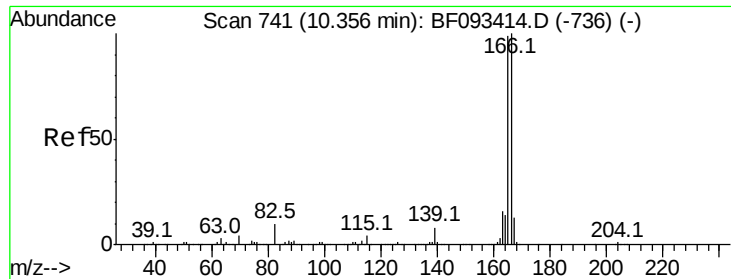
Abundance Ion 165.00 (164.70 to 165.70): E

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

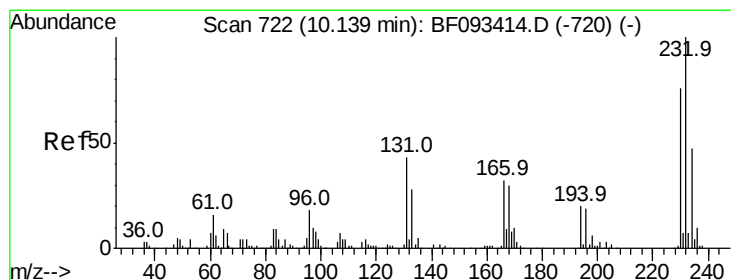
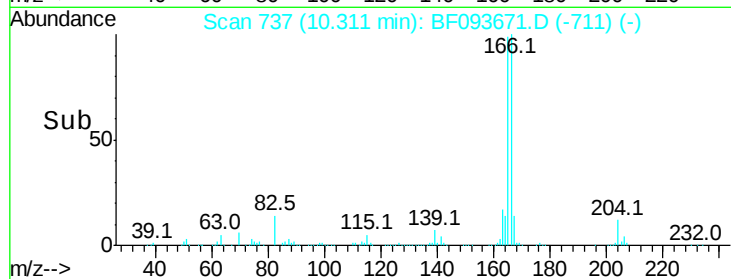
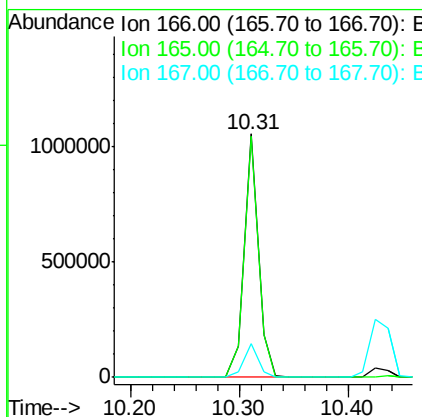
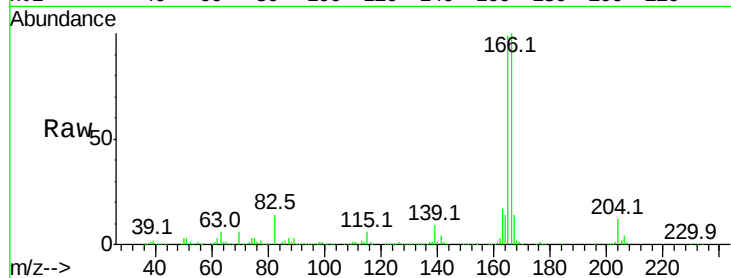




#57
 Fluorene
 Concen: 52.08 ng
 RT: 10.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

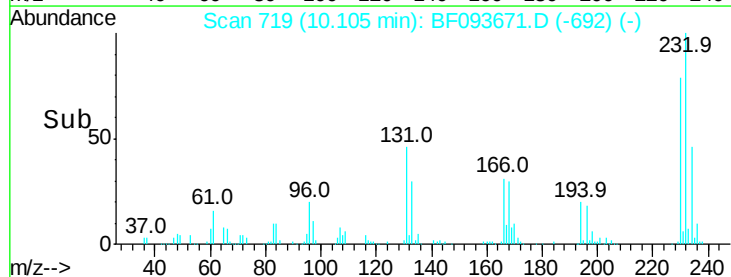
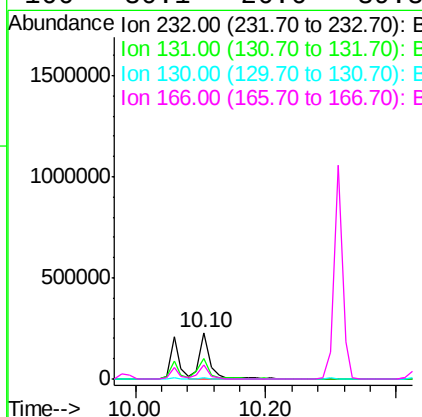
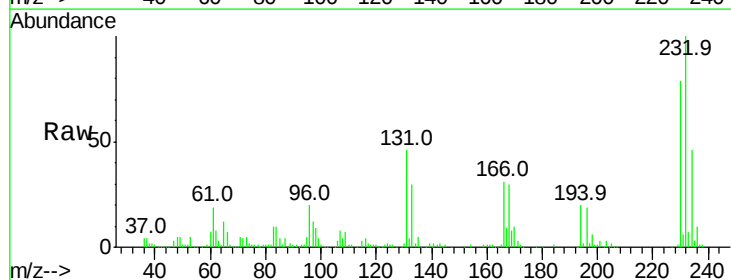
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

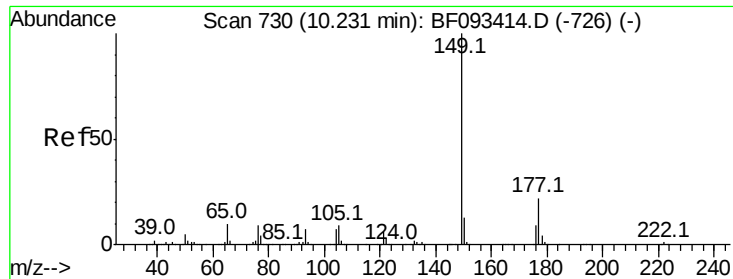
Tot Ion:166 Resp: 956098
 Ion Ratio Lower Upper
 166 100
 165 98.8 77.8 116.8
 167 13.8 10.8 16.2



#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

Tgt 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

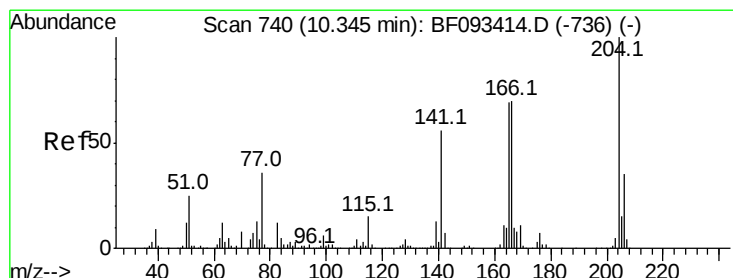
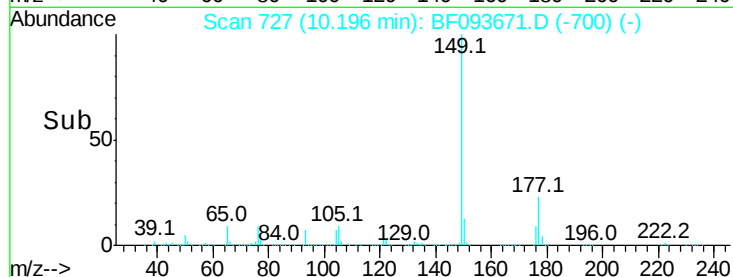
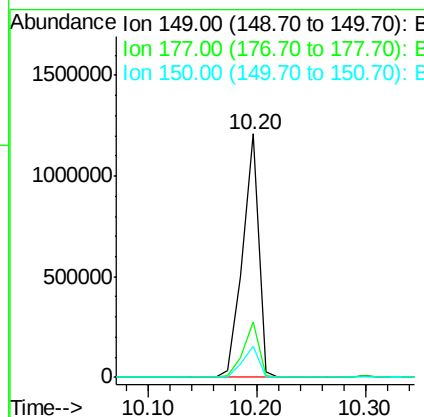
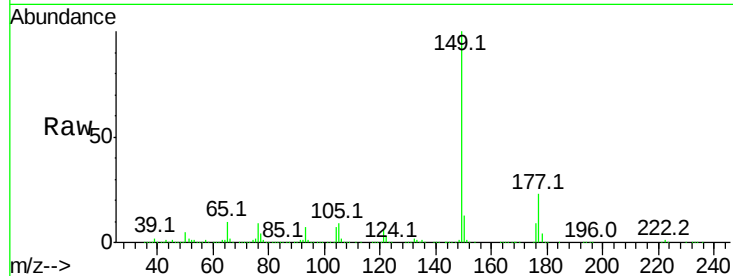




#59
Diethylphthalate
Concen: 60.43 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

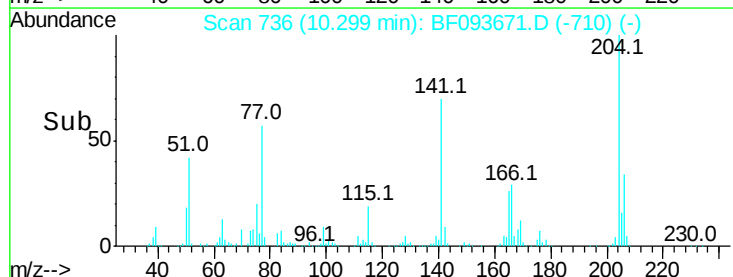
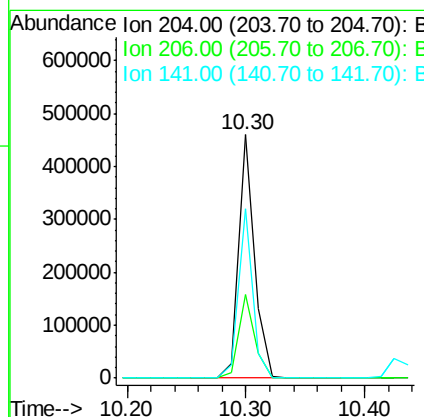
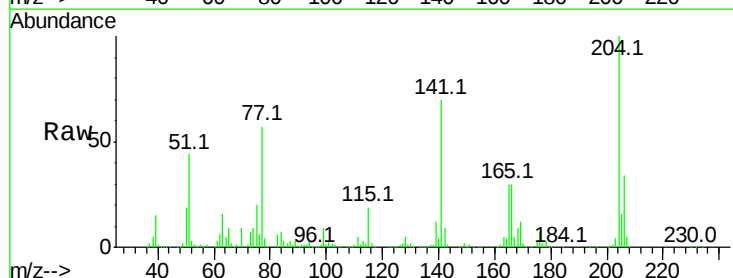
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

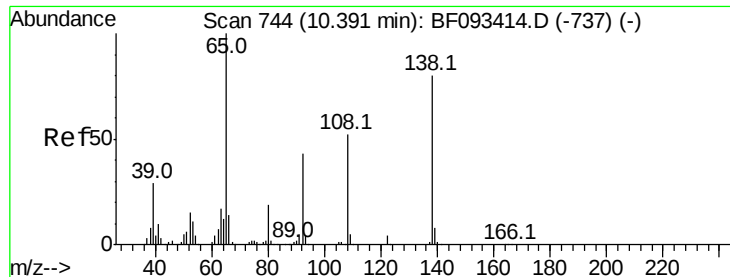
Tot Ion:149 Resp: 1218565
Ion Ratio Lower Upper
149 100
177 22.6 16.6 25.0
150 12.5 10.4 15.6



#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

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

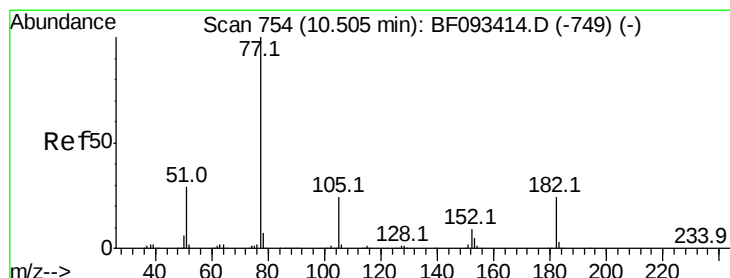
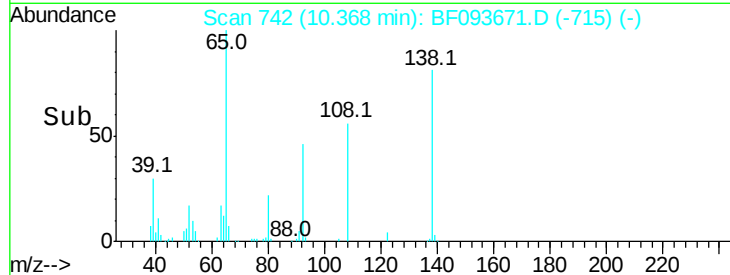
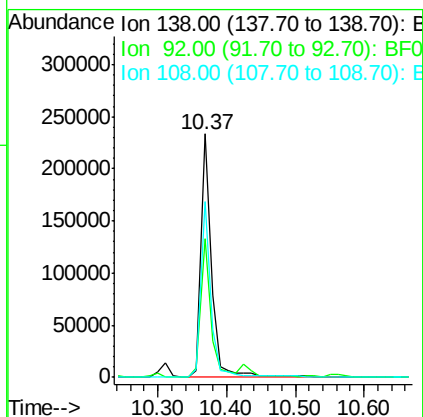
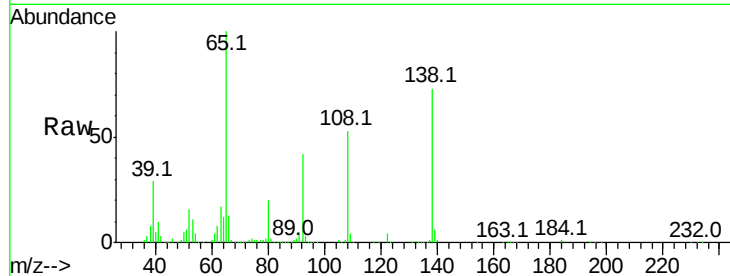




#61
4-Nitroaniline
Concen: 43.21 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

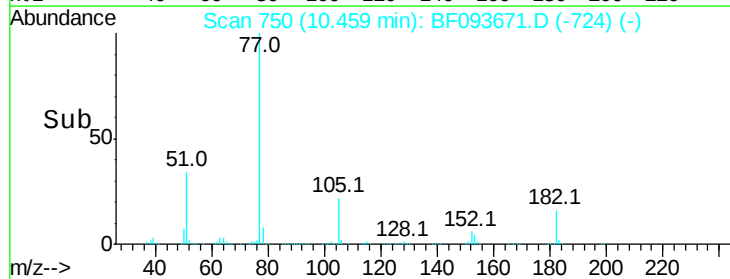
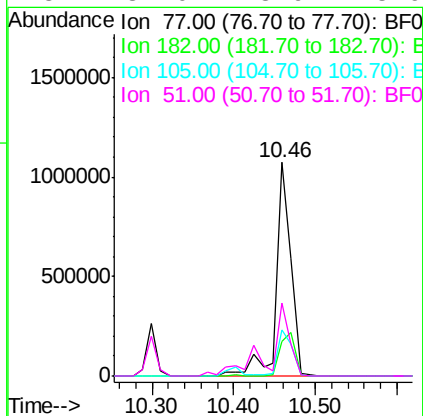
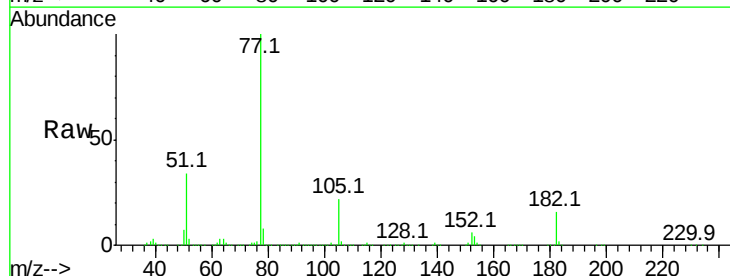
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

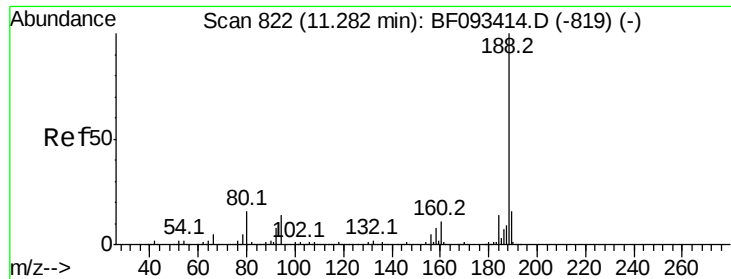
Tot Ion:138 Resp: 245788
Ion Ratio Lower Upper
138 100
92 57.1 31.7 71.7
108 72.1 52.6 92.6



#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

Tgt 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

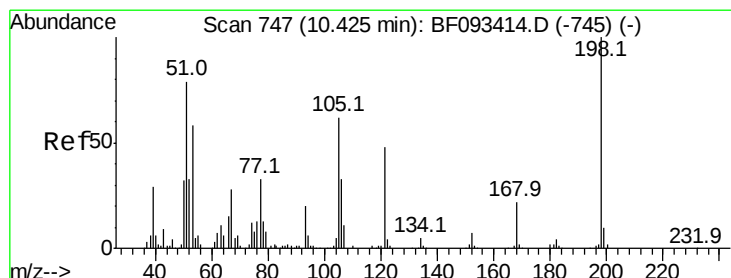
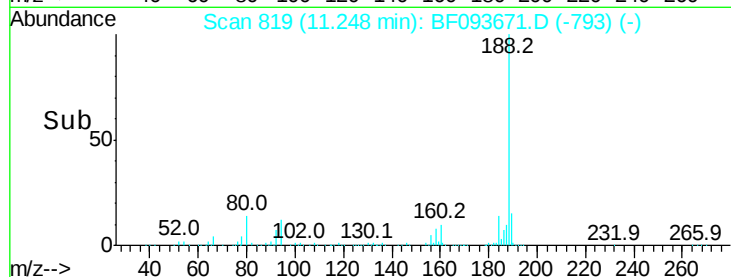
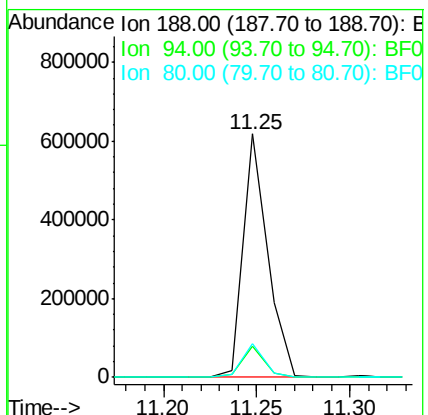
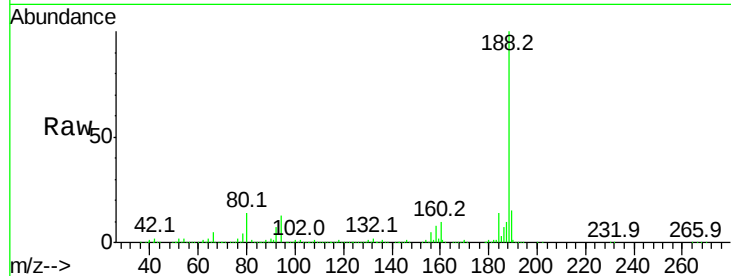




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

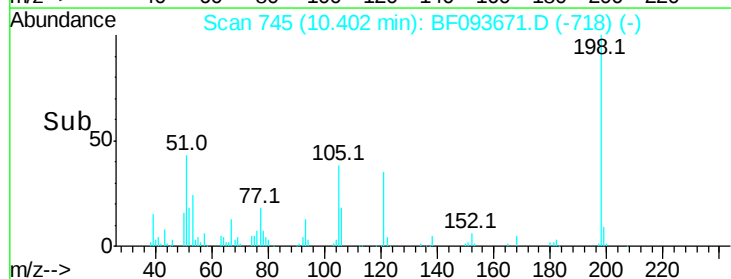
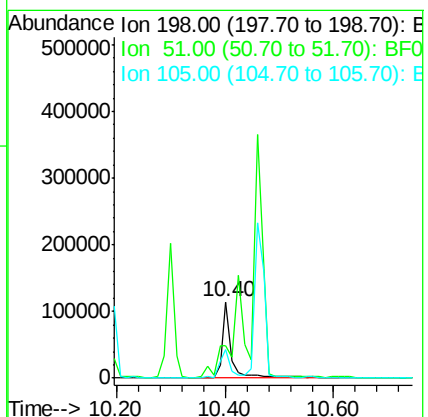
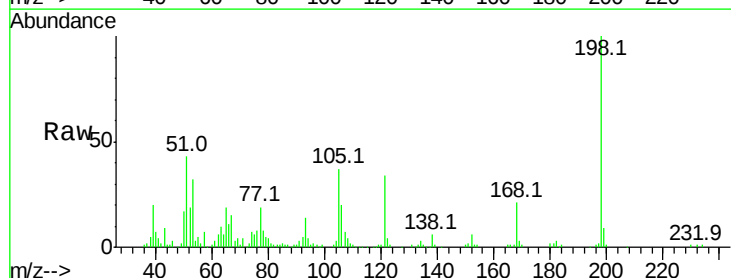
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

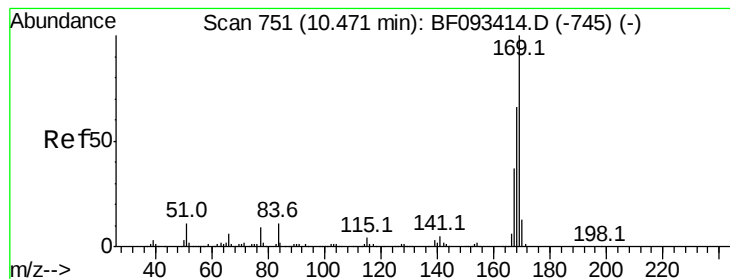
Tot Ion:188 Resp: 568609
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 14.0 11.2 16.8



#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

Tgt Ion:198 Resp: 141977
Ion Ratio Lower Upper
198 100
51 43.0 6.7 46.7
105 37.1 16.6 56.6





#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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

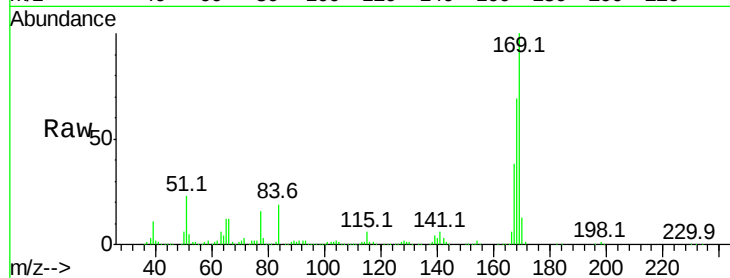
Tot Ion:169 Resp: 891058

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

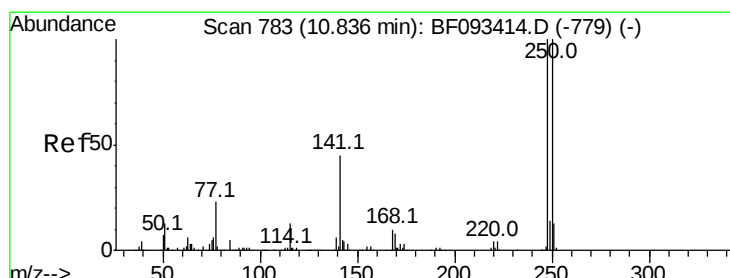
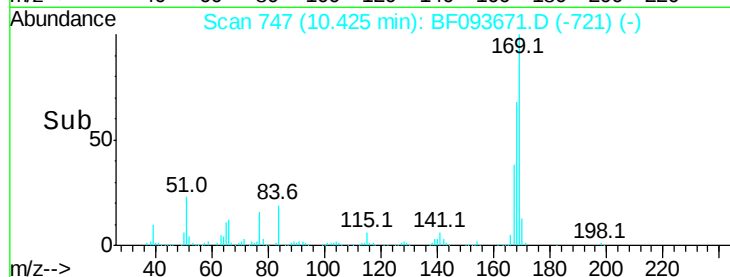
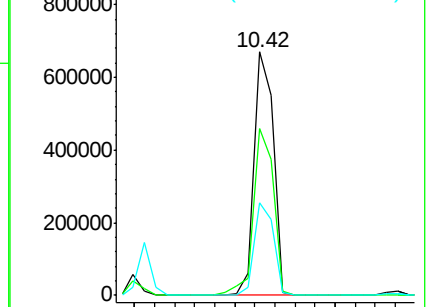
167 37.8 30.2 45.4



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

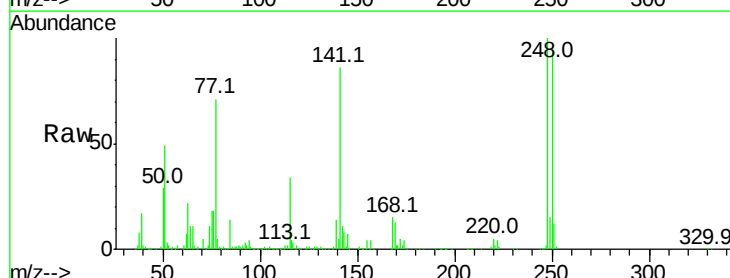
Tgt Ion:248 Resp: 269649

Ion Ratio Lower Upper

248 100

250 96.0 76.9 115.3

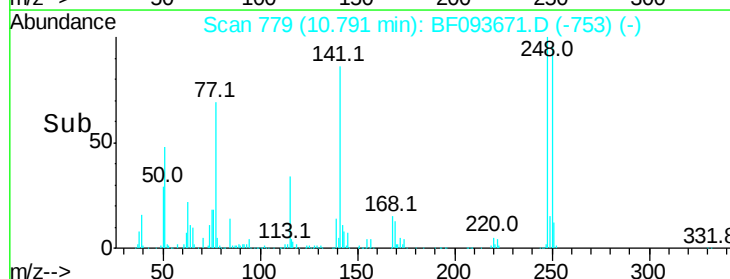
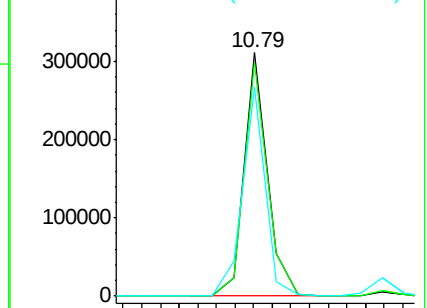
141 85.7 68.2 102.4

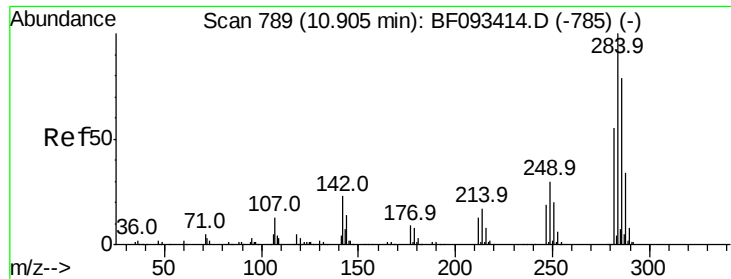


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

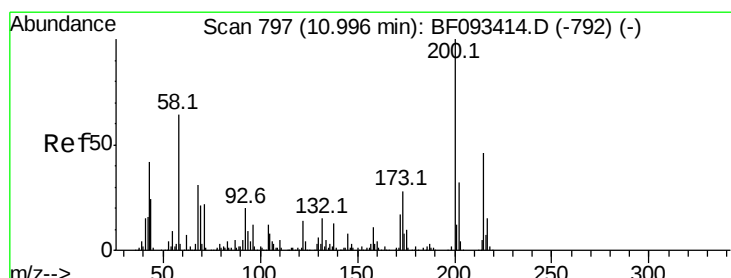
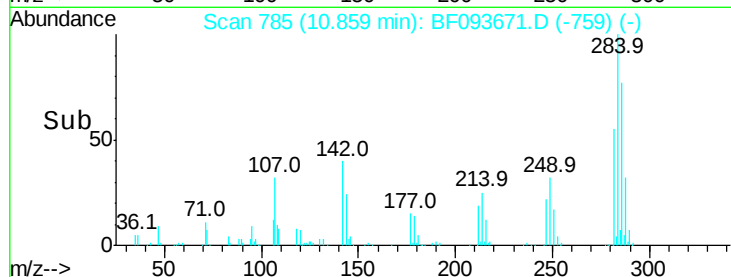
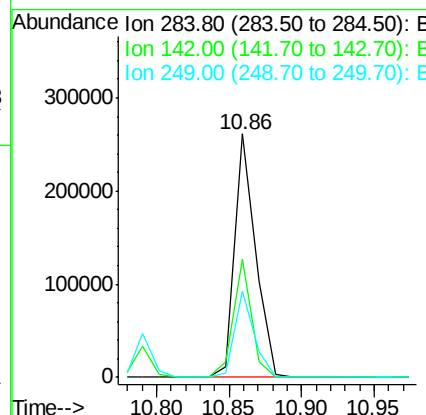
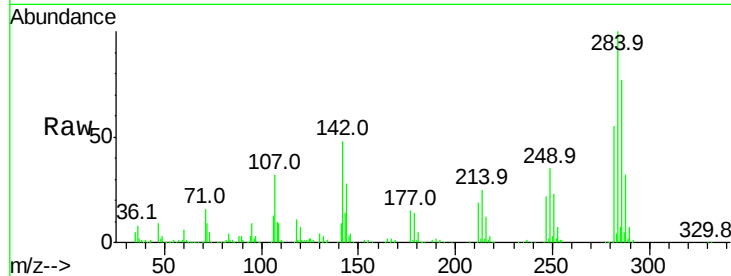




#67
Hexachlorobenzene
Concen: 45.36 ng
RT: 10.86 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

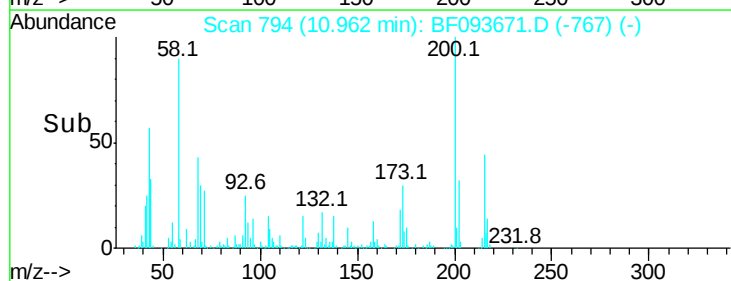
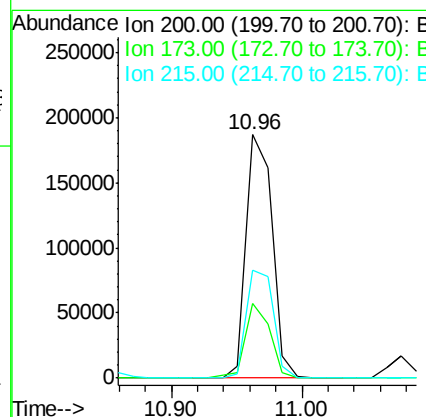
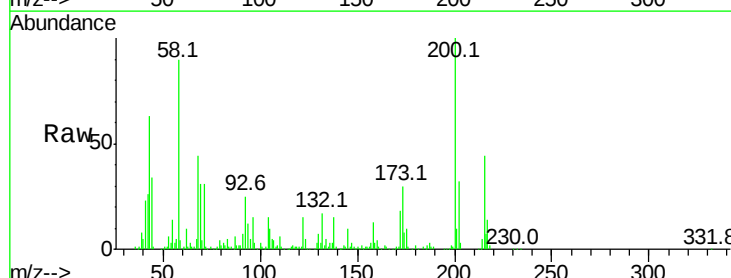
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

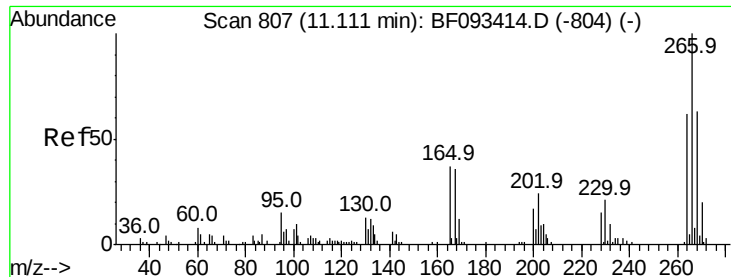
Tot Ion	Ratio	Lower	Upper
284	100		
142	48.3	22.6	33.8#
249	35.2	25.4	38.0



#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

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

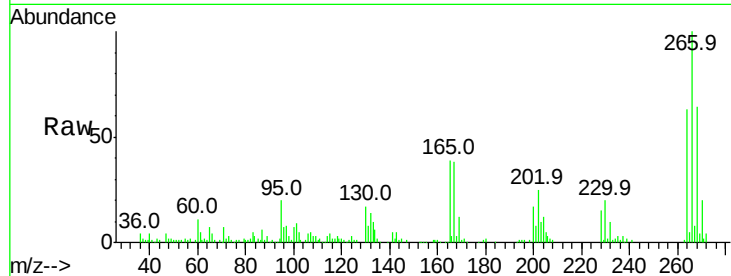




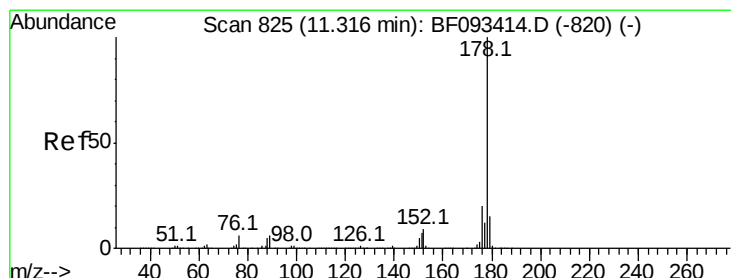
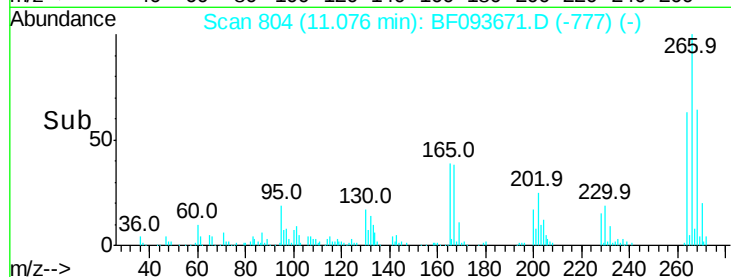
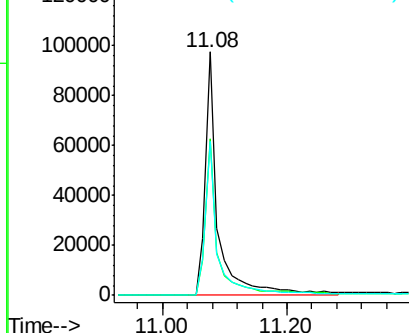
#69
 Pentachlorophenol
 Concen: 71.71 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.3	79.9
264	63.3	50.3	75.5

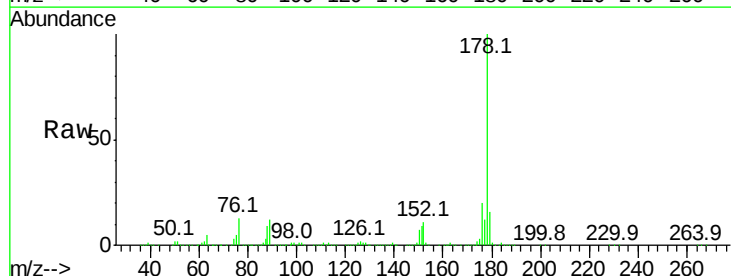


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

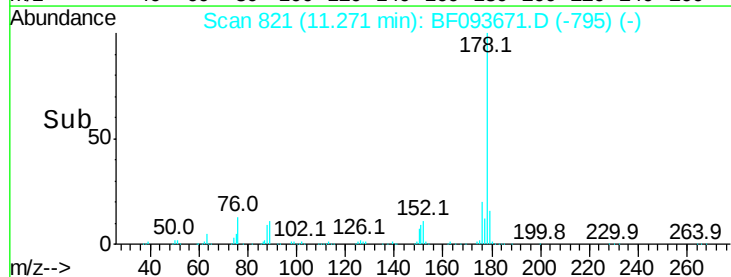
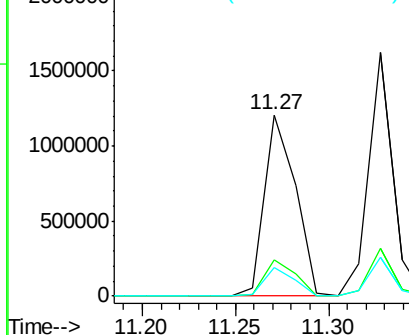


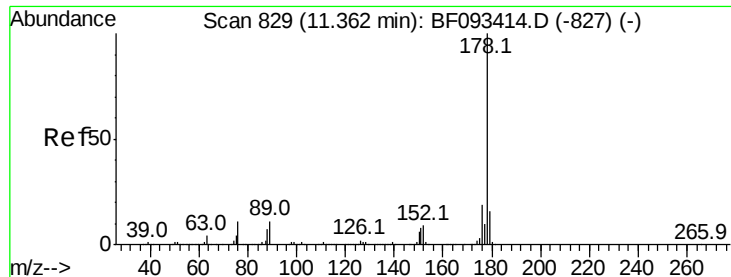
#70
 Phenanthrene
 Concen: 42.93 ng
 RT: 11.27 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	16.1	12.8	19.2



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

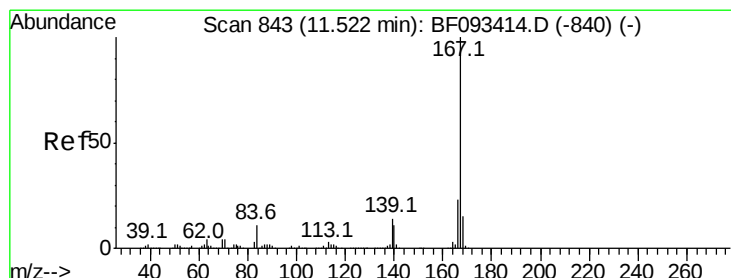
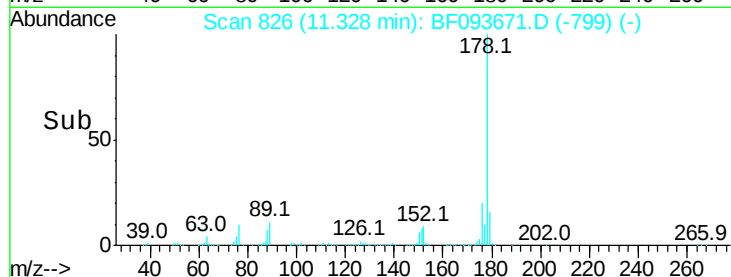
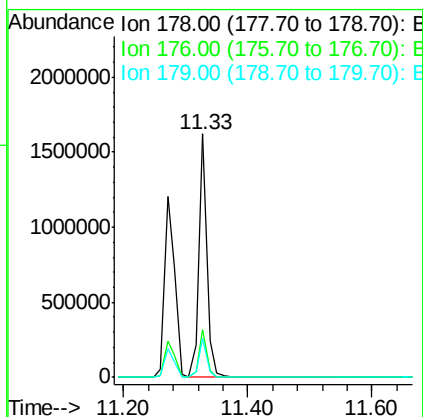
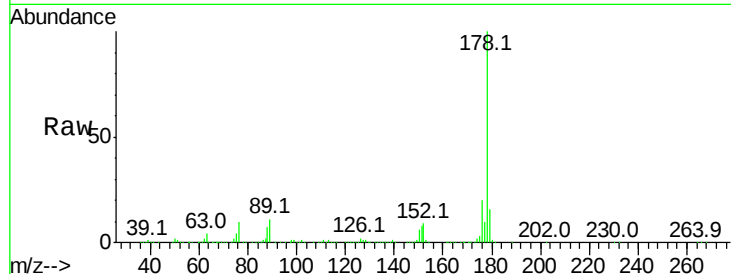




#71
 Anthracene
 Concen: 44.68 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

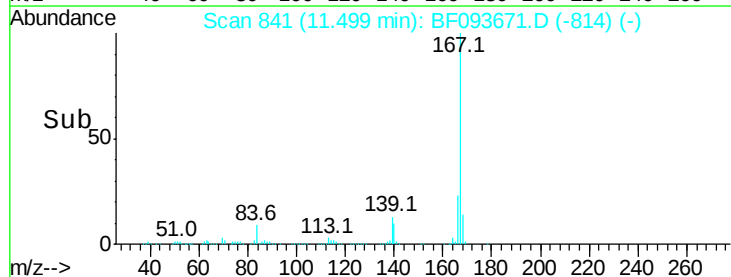
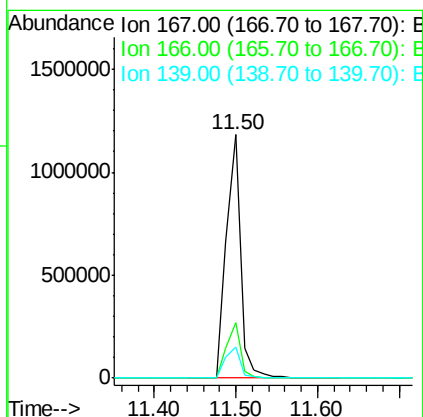
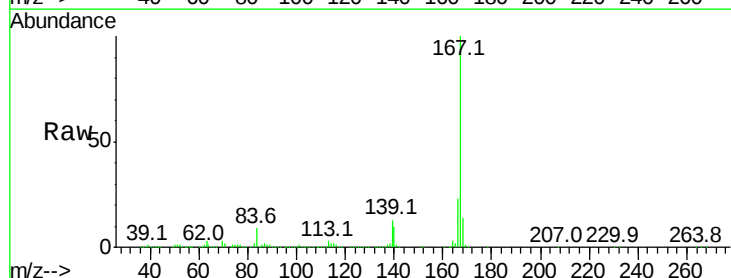
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

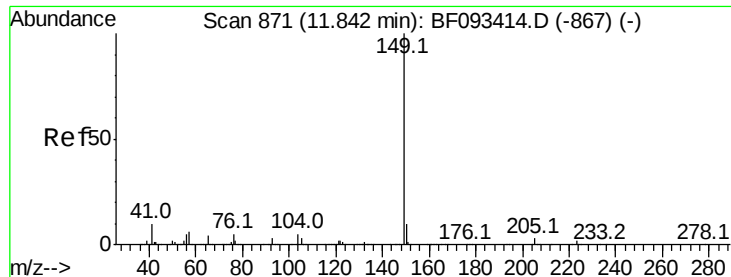
Tot Ion:178 Resp: 1466936
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.2 19.8



#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

Tgt Ion:167 Resp: 1421308
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 12.7 11.4 17.2





#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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

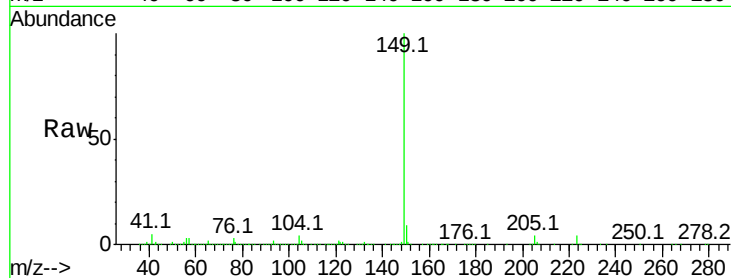
Tot Ion:149 Resp: 1772883

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

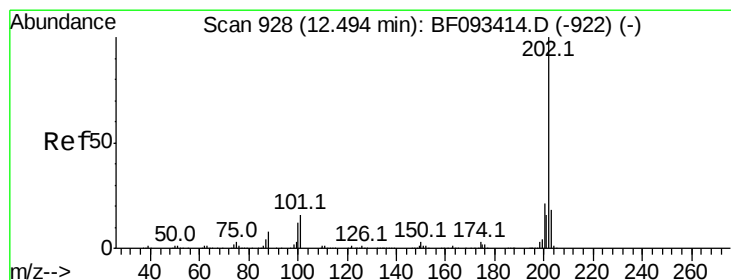
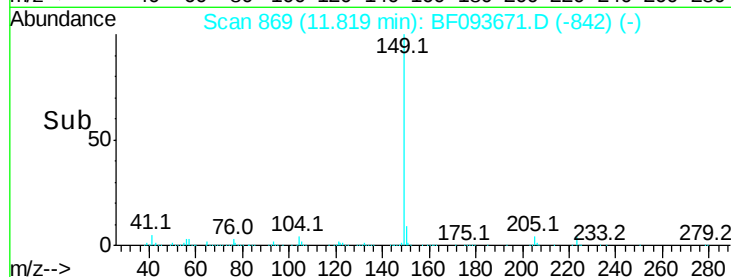
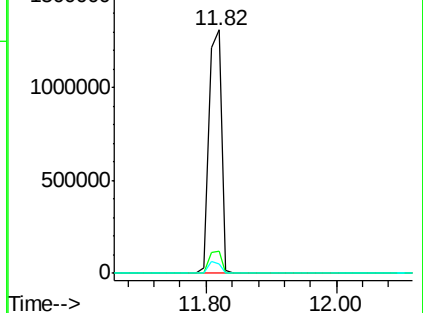
104 3.6 4.6 7.0#



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

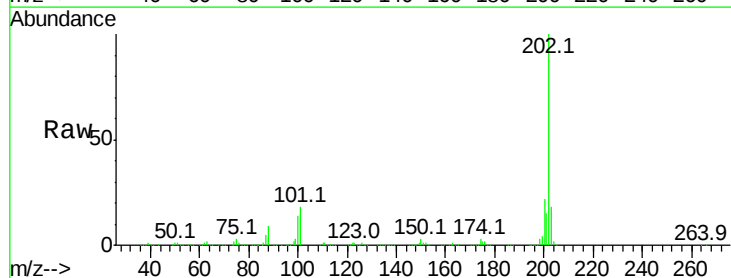
Tgt Ion:202 Resp: 1360146

Ion Ratio Lower Upper

202 100

101 17.5 0.0 34.6

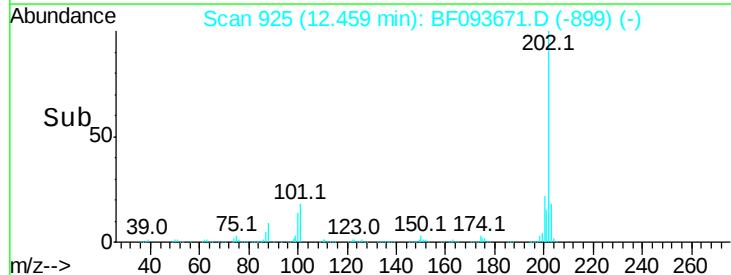
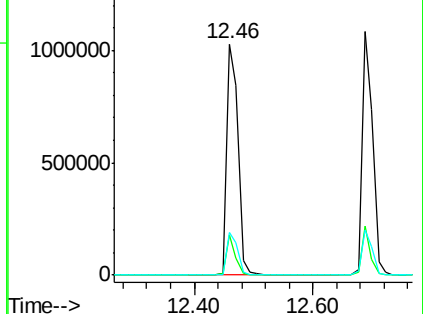
203 18.4 0.0 38.7

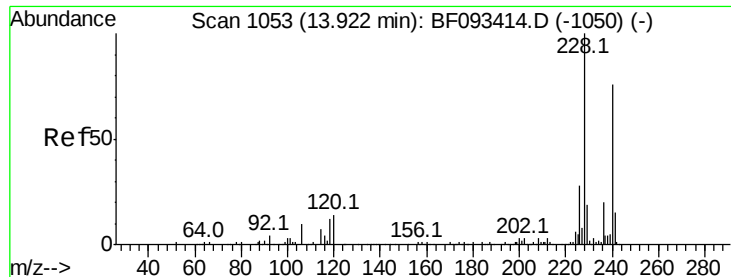


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

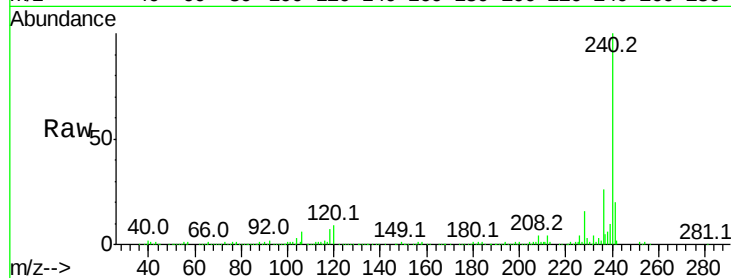
Tot Ion:240 Resp: 346916

Ion Ratio Lower Upper

240 100

120 8.7 12.9 19.3#

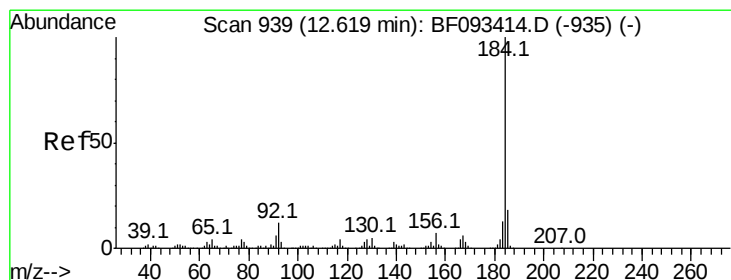
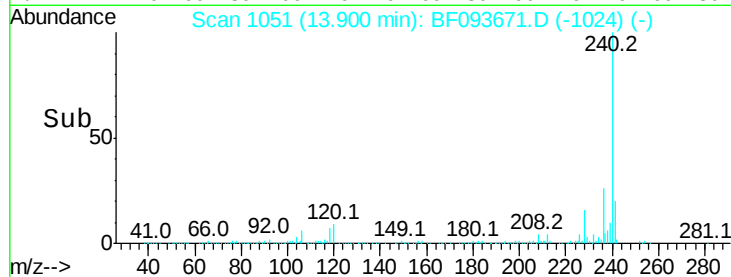
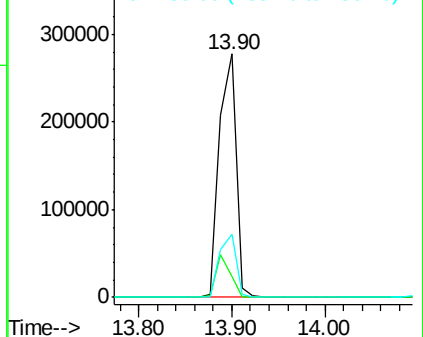
236 26.0 20.9 31.3



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

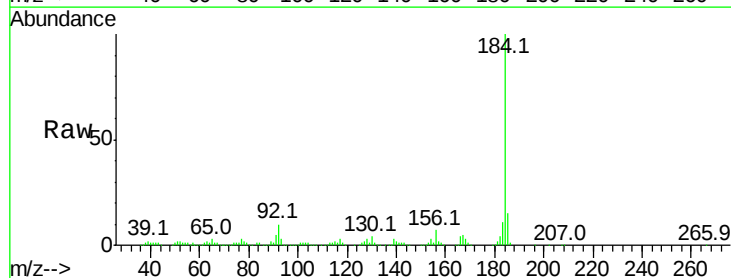
Tgt Ion:184 Resp: 442557

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

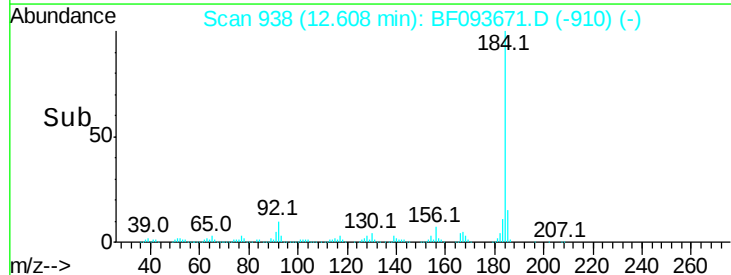
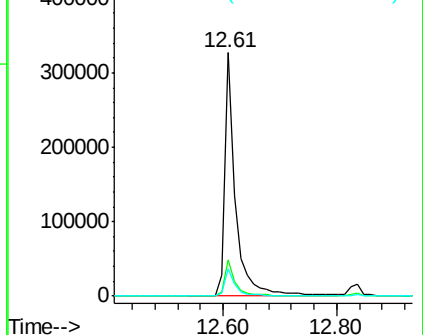
183 11.5 9.2 13.8

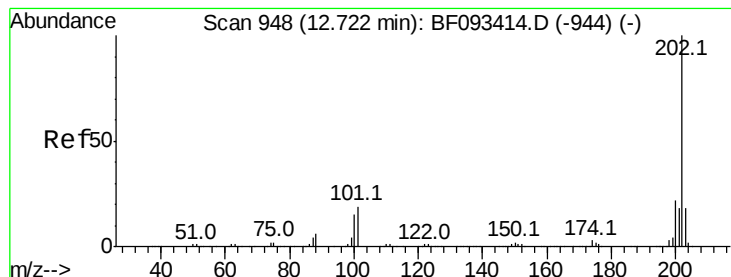


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 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

Instrument :

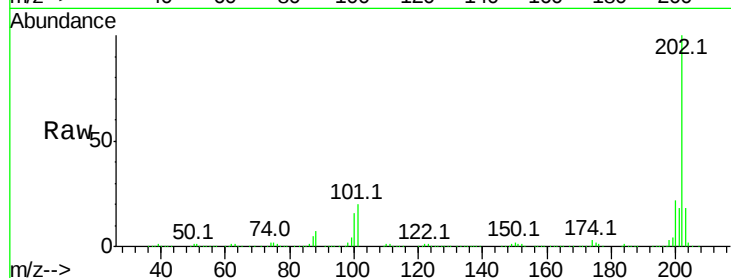
BNA_F

ClientSampleId :

E2-BB7-WSWMS

Tot Ion:202 Resp: 1322471

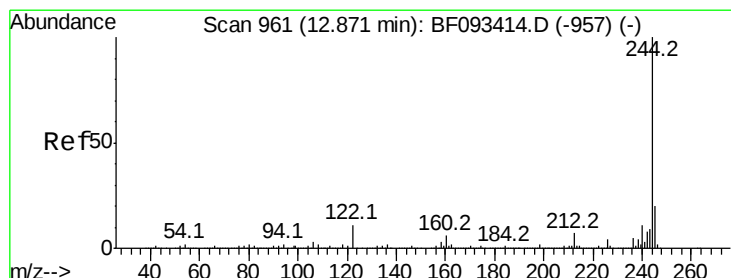
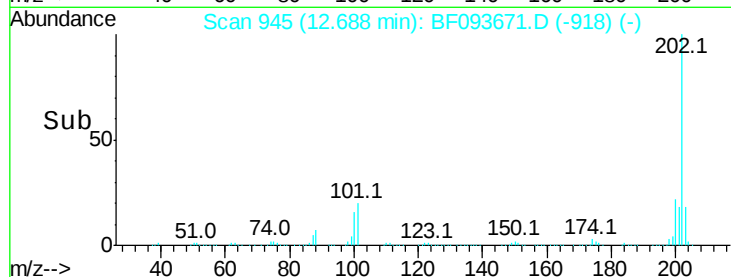
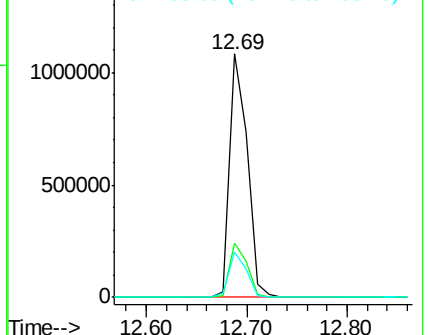
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.3	14.7	22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.93 ng

RT: 12.84 min Scan# 958

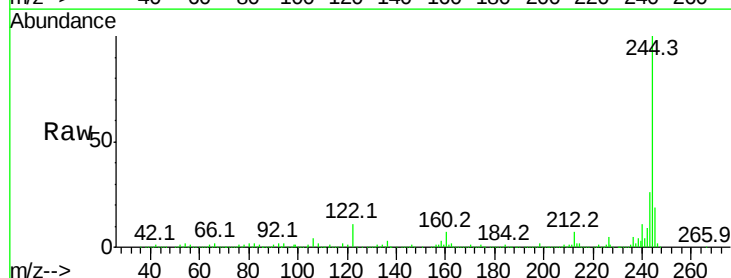
Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Tgt Ion:244 Resp: 1346712

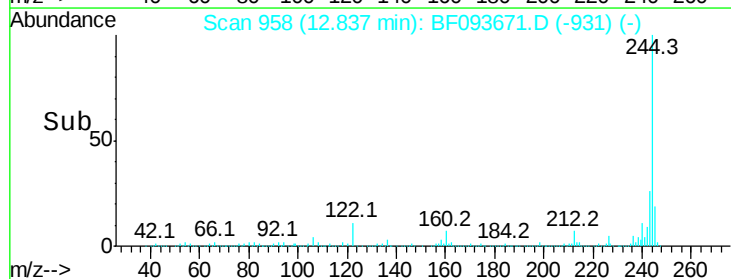
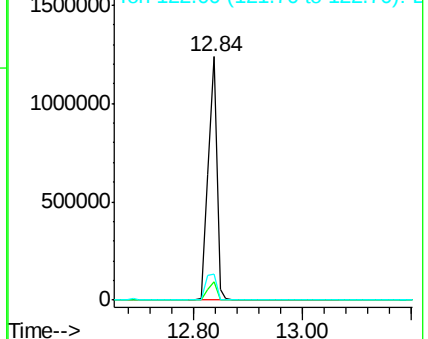
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.8	11.4	17.2

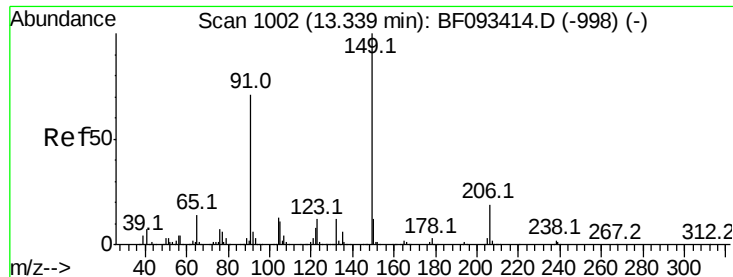


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

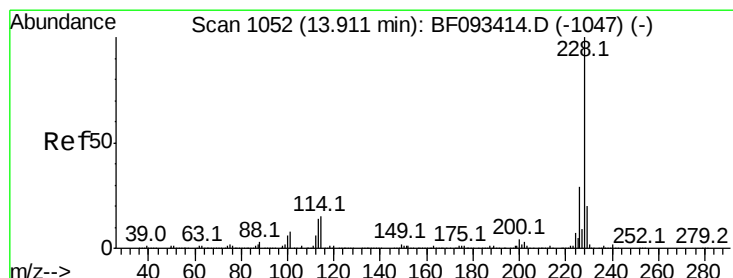
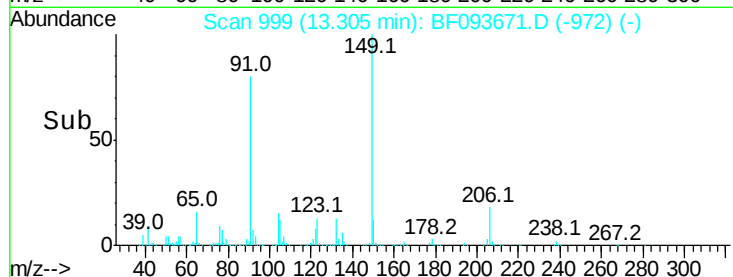
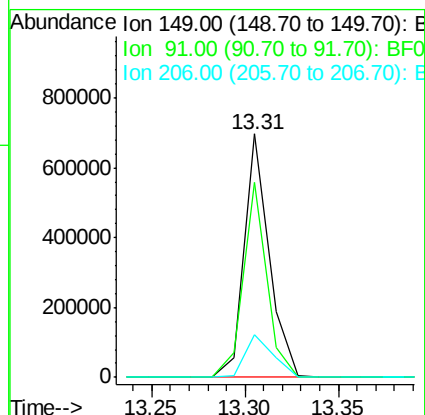
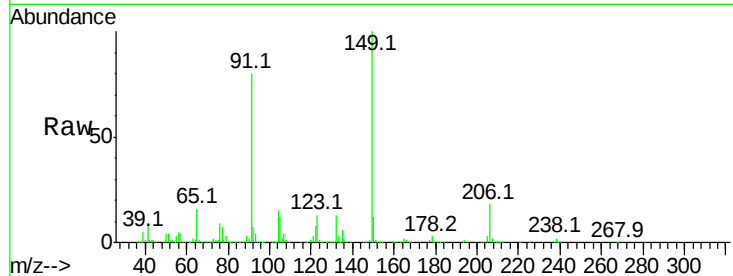




#79
Butylbenzylphthalate
Concen: 61.28 ng
RT: 13.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093671.D
Acq: 15 Mar 2017 16:46

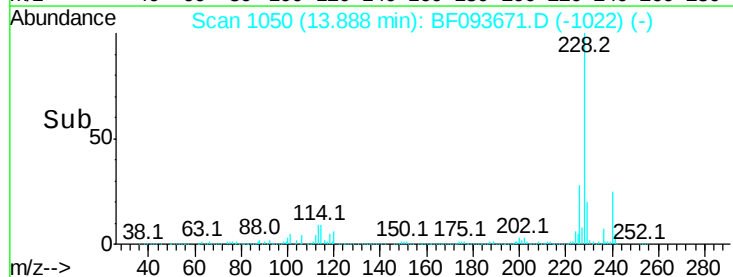
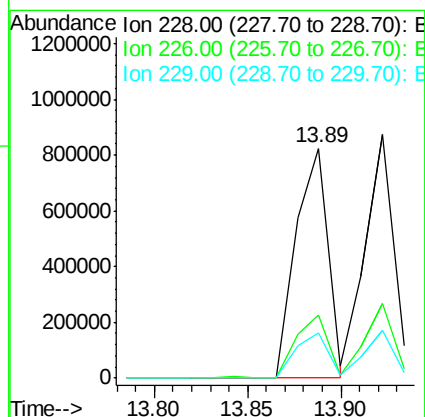
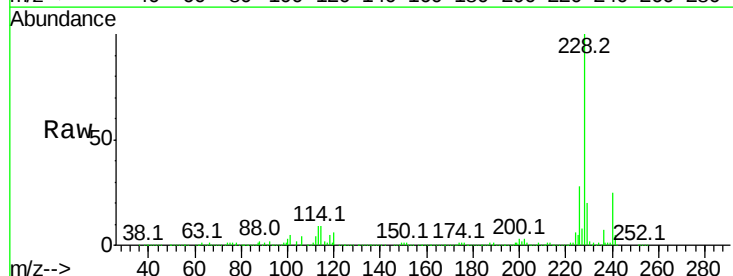
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMS

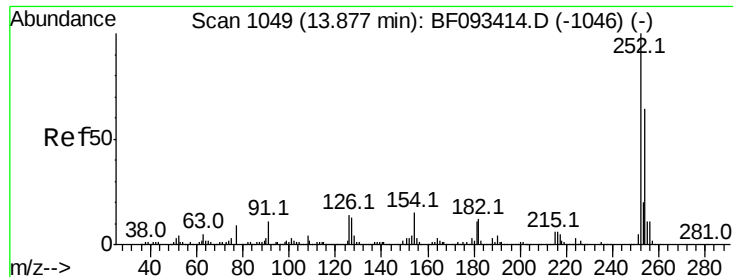
Tot Ion:149 Resp: 650812
Ion Ratio Lower Upper
149 100
91 80.3 63.9 95.9
206 17.6 14.6 21.8



#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

Tgt Ion:228 Resp: 992621
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 19.8 16.2 24.4





#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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

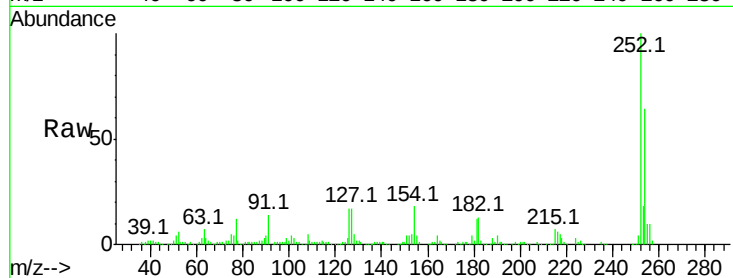
Tot Ion:252 Resp: 310883

Ion Ratio Lower Upper

252 100

254 64.5 52.3 78.5

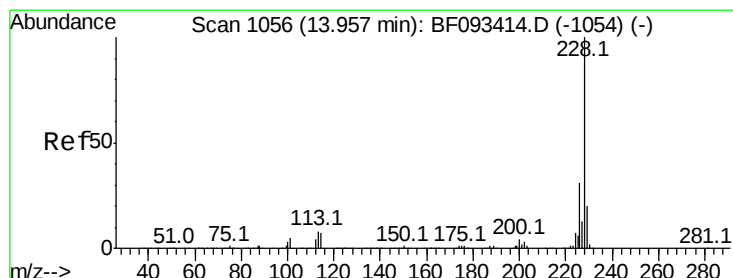
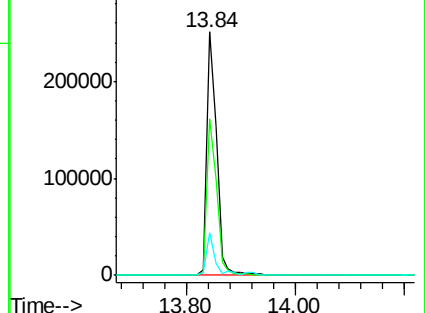
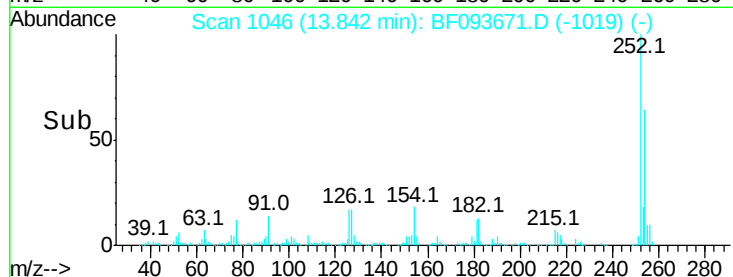
126 17.4 13.6 20.4



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

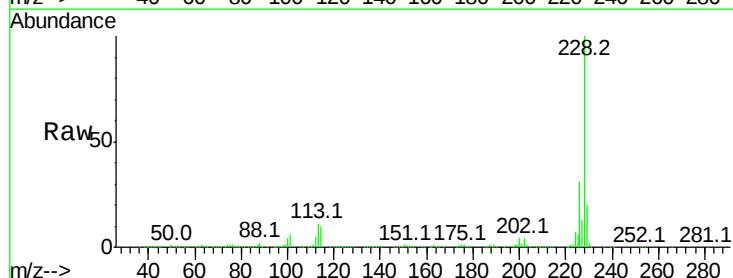
Tgt Ion:228 Resp: 956281

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

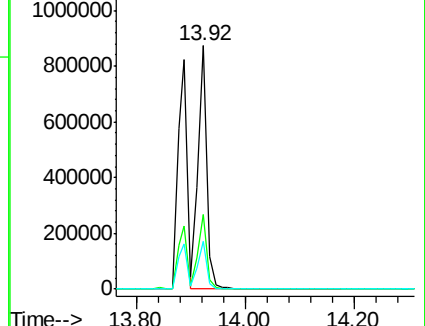
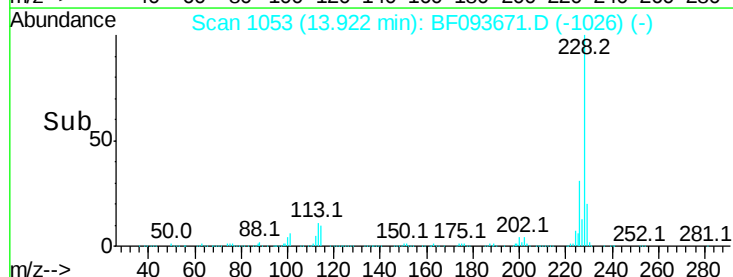
229 19.8 16.2 24.2

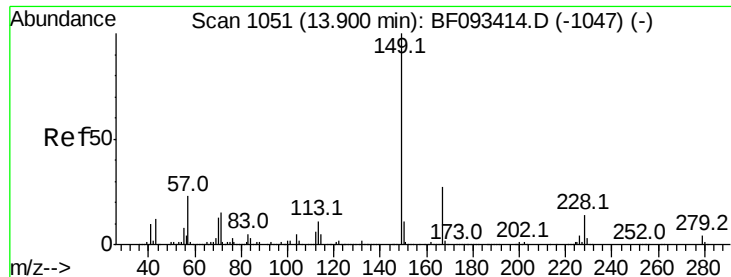


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

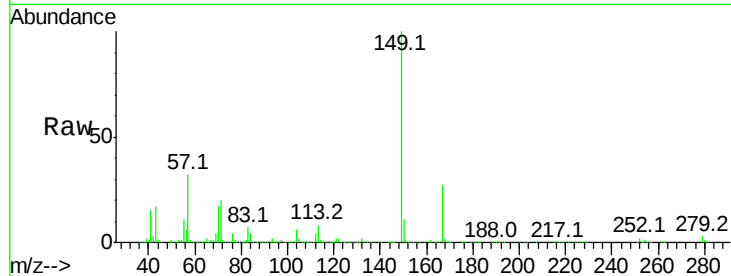




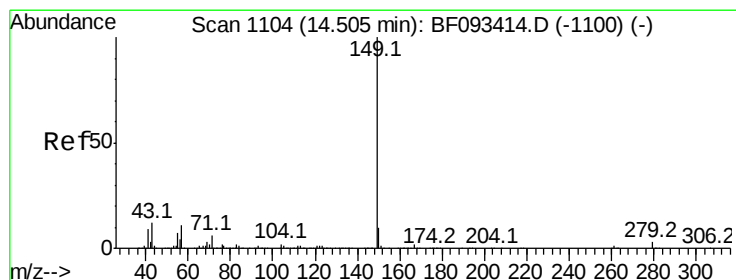
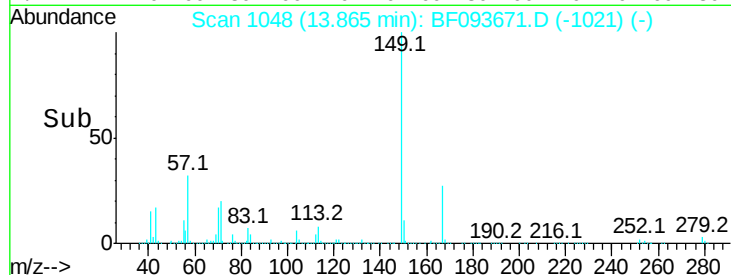
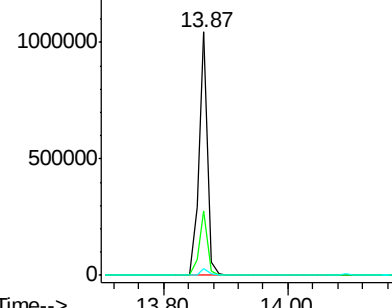
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.87 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

Tot Ion:149 Resp: 975162
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.2 30.4
 279 2.8 1.8 2.8#

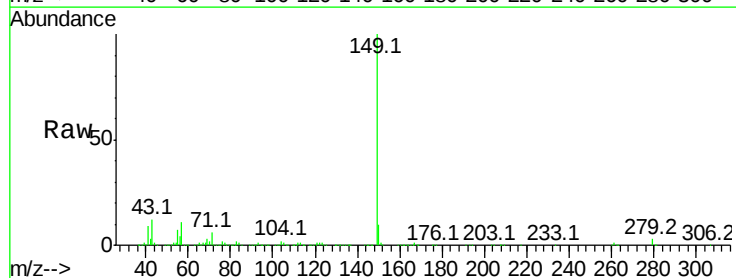


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

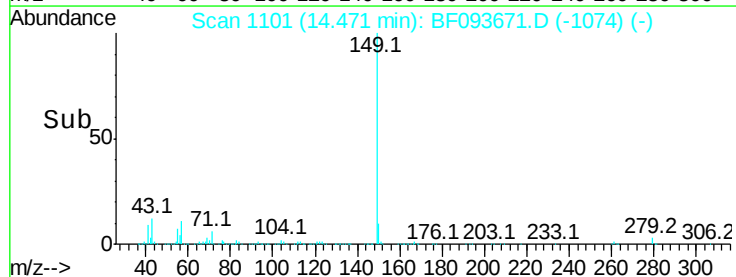
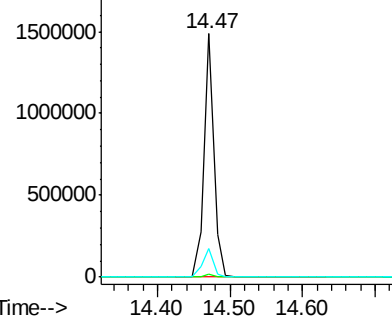


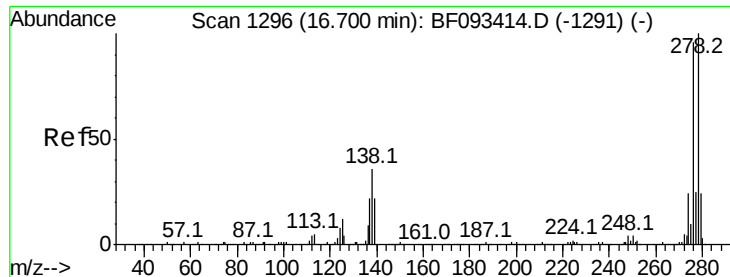
#84
 Di-n-octyl phthalate
 Concen: 57.10 ng
 RT: 14.47 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

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



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

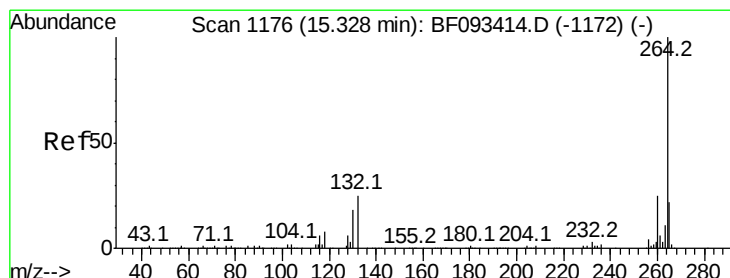
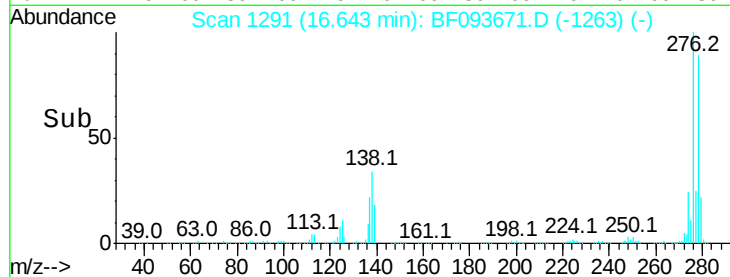
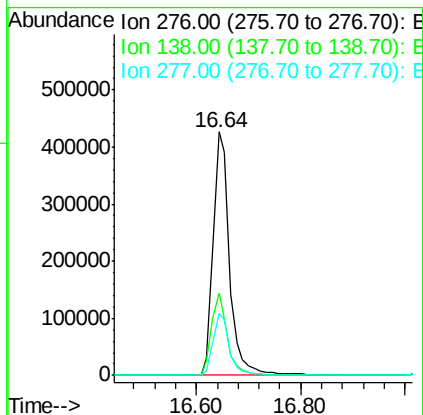
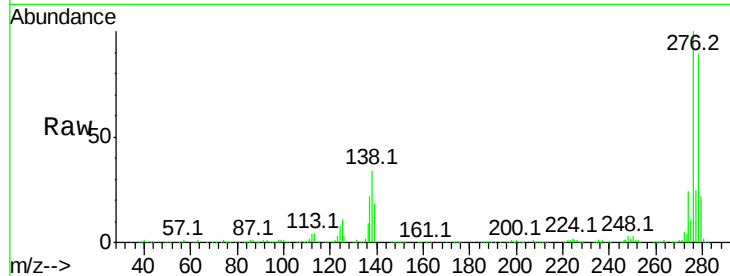




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.06 ng
 RT: 16.64 min Scan# 1291
 Delta R.T. 0.02 min
 Lab File: BF093671.D
 Acq: 15 Mar 2017 16:46

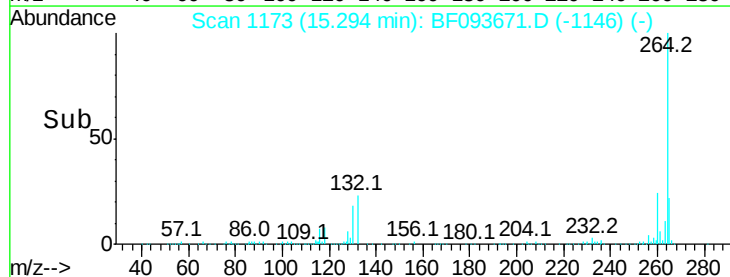
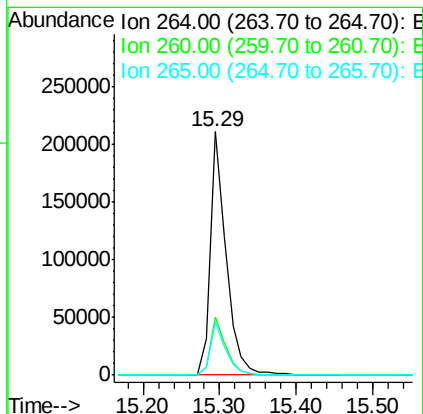
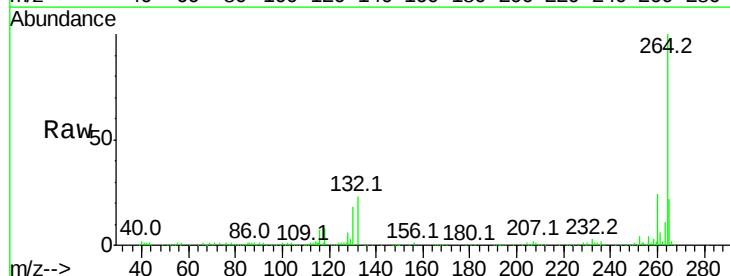
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMS

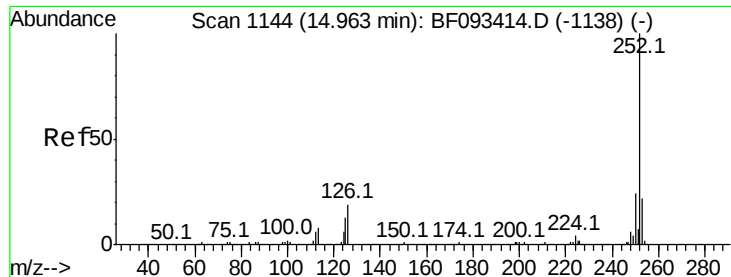
Tot Ion:276 Resp: 936997
 Ion Ratio Lower Upper
 276 100
 138 33.1 21.8 32.6#
 277 25.3 20.2 30.4



#86
 Perylene-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

Tgt 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: 96.02 ng

RT: 14.93 min Scan# 1141

Delta R.T. 0.03 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

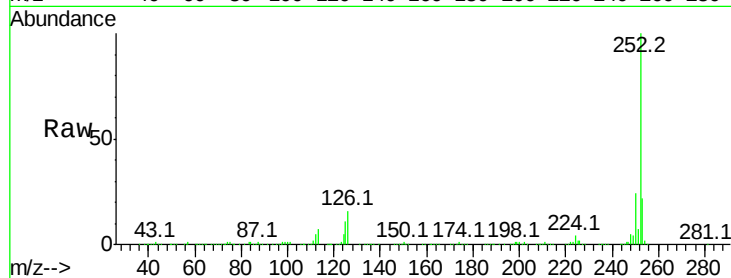
Tot Ion:252 Resp: 1751523

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

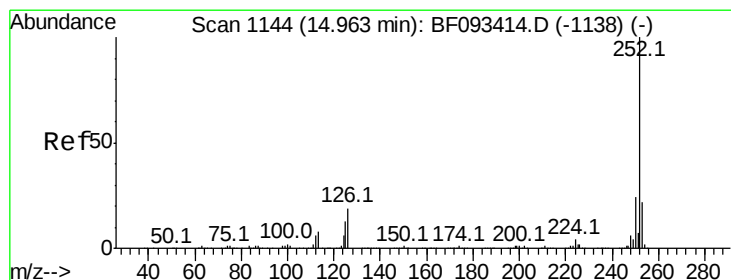
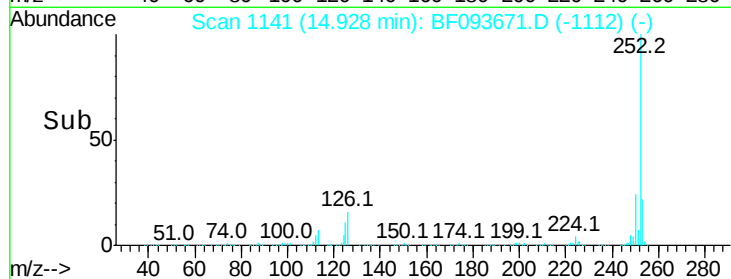
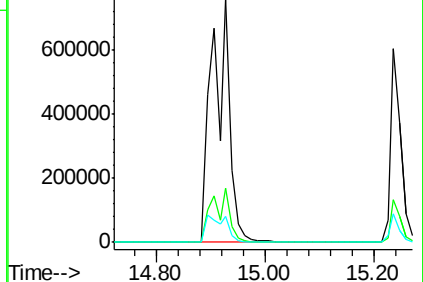
125 10.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 99.57 ng

RT: 14.93 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

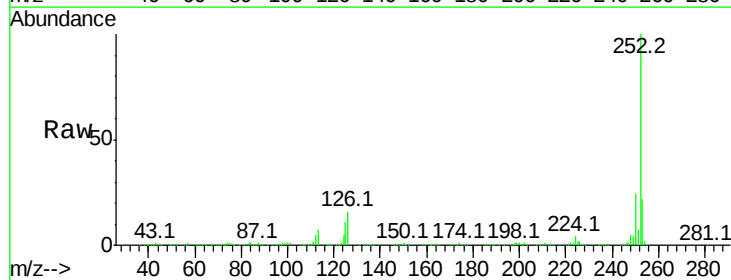
Tgt Ion:252 Resp: 1751523

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

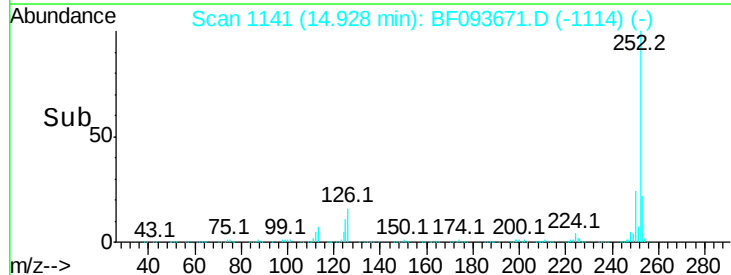
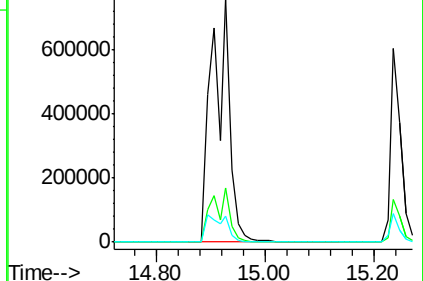
125 10.9 8.9 13.3

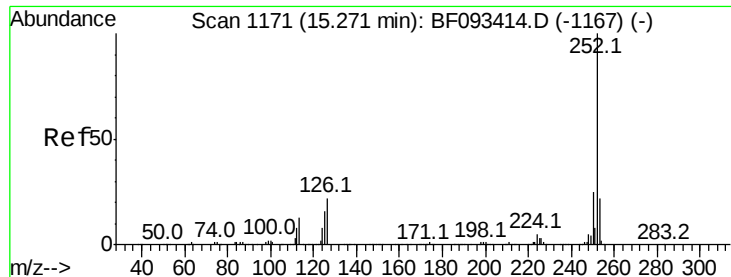


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.56 ng

RT: 15.24 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF093671.D

Acq: 15 Mar 2017 16:46

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

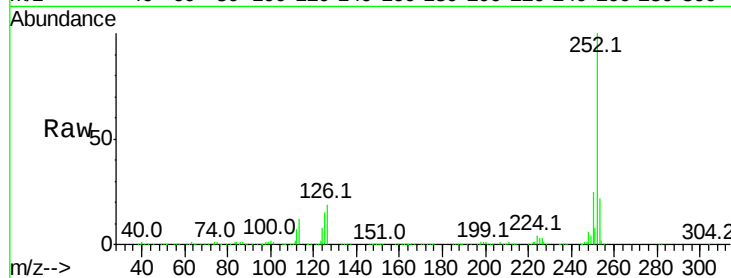
Tot Ion:252 Resp: 809500

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

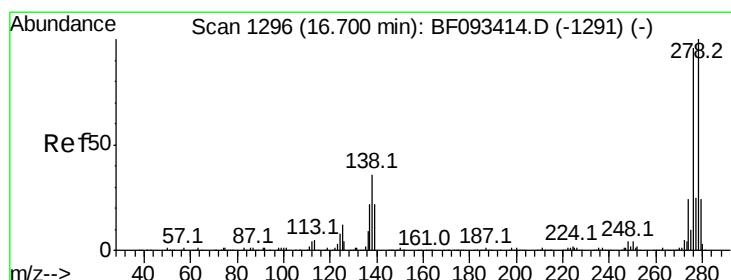
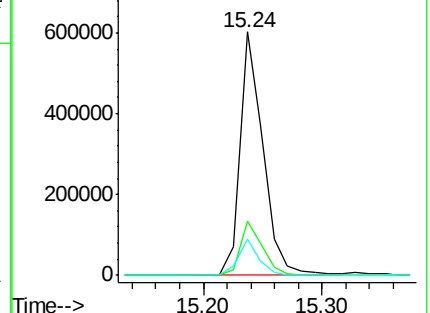
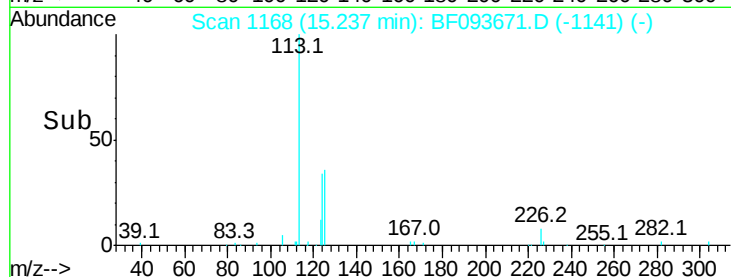
125 14.8 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 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

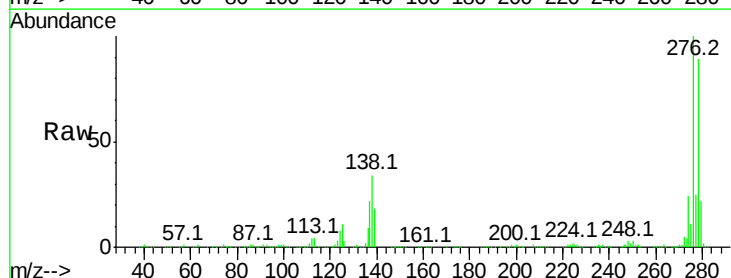
Tgt Ion:278 Resp: 796263

Ion Ratio Lower Upper

278 100

139 20.2 14.8 22.2

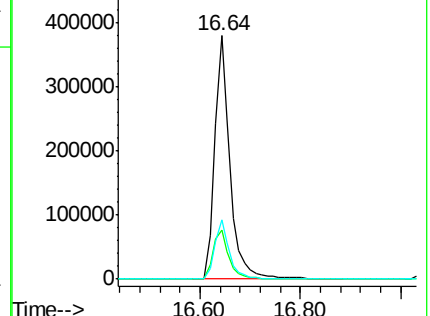
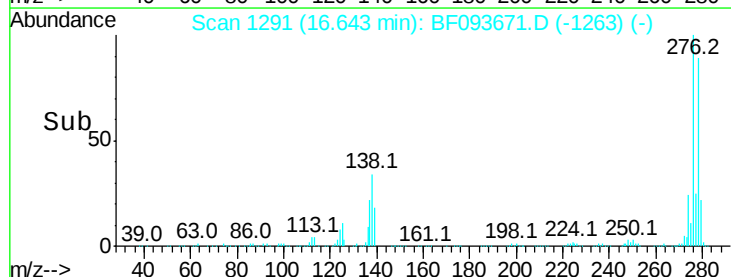
279 24.3 19.8 29.6

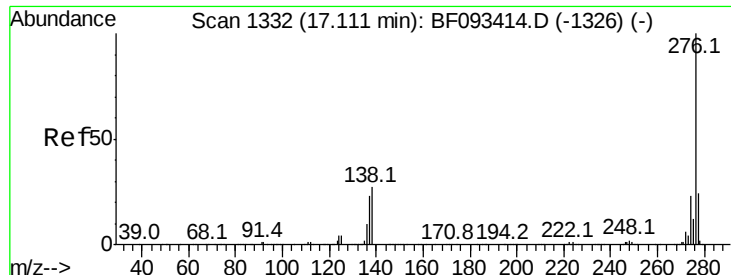


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,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

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMS

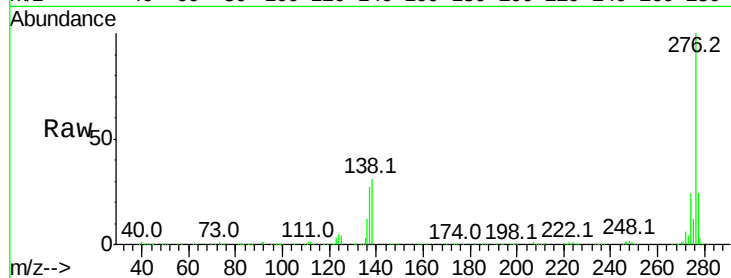
Tot Ion:276 Resp: 828991

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

