

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093672.D
 Acq On : 15 Mar 2017 17:14
 Operator : SJ/MA
 Sample : I2264-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Quant Time: Mar 16 10:57:41 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	172907	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	722001	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	327067	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	582795	20.00	ng	0.00
75) Chrysene-d12	13.89	240	343928	20.00	ng	0.00
86) Perylene-d12	15.29	264	302086	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1640537	157.91	ng	-0.01
7) Phenol-d6	6.38	99	1985119	151.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	1350865	103.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	322419	151.31	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1699409	96.65	ng	0.00
78) Terphenyl-d14	12.84	244	1326310	100.26	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	266199	46.52	ng	# 82
3) Pyridine	2.95	79	563417	38.62	ng	86
4) n-Nitrosodimethylamine	2.89	42	364964	52.37	ng	79
6) Aniline	6.40	93	416448	23.16	ng	# 75
8) 2-Chlorophenol	6.50	128	587432	50.47	ng	95
9) Benzaldehyde	6.26	77	318935	39.66	ng	95
10) Phenol	6.39	94	1061149	66.10	ng	81
11) bis(2-Chloroethyl)ether	6.45	93	809065	62.36	ng	91
12) 1,3-Dichlorobenzene	6.64	146	638319m	47.91	ng	
13) 1,4-Dichlorobenzene	6.72	146	665409	48.78	ng	98
14) 1,2-Dichlorobenzene	6.88	146	569909	47.18	ng	96
15) Benzyl Alcohol	6.88	79	441805	47.31	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	980085	45.47	ng	# 10
17) 2-Methylphenol	7.00	107	695399	70.63	ng	# 92
18) Hexachloroethane	7.21	117	229608	49.91	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	502597	55.80	ng	96
20) 3+4-Methylphenols	7.16	107	1087225	85.15	ng	# 74
22) Acetophenone	7.13	105	884285	50.90	ng	# 99
24) Nitrobenzene	7.30	77	719947	49.23	ng	95
25) Isophorone	7.56	82	1420611	54.14	ng	94
26) 2-Nitrophenol	7.62	139	350215	52.49	ng	90
27) 2,4-Dimethylphenol	7.68	122	1011250	93.16	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	865008	52.22	ng	99
29) 2,4-Dichlorophenol	7.89	162	501784	49.14	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	509273	46.90	ng	95
31) Naphthalene	8.02	128	1801383	49.79	ng	99
33) 4-Chloroaniline	8.15	127	230226m	15.68	ng	
34) Hexachlorobutadiene	8.13	225	253676	45.35	ng	99
35) Caprolactam	8.49	113	170536m	48.90	ng	
36) 4-Chloro-3-methylphenol	8.61	107	556630	51.07	ng	97
37) 2-Methylnaphthalene	8.72	142	1056326	45.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	477322	53.45	ng	99
40) Hexachlorocyclopentadiene	8.86	237	221768	95.63	ng	95
42) 2,4,6-Trichlorophenol	9.02	196	333984	59.85	ng	95

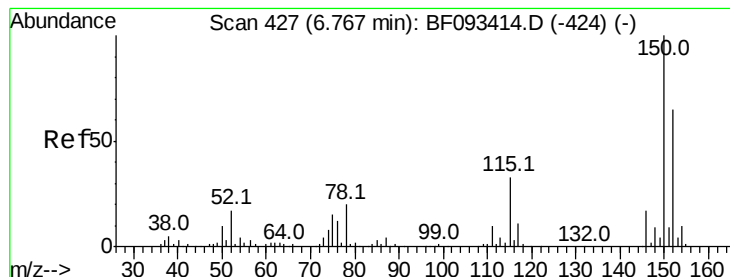
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	300380	50.17	nq	94
45) 1,1'-Biphenyl	9.18	154	1254571	52.66	nq	95
46) 2-Chloronaphthalene	9.21	162	1058704	58.05	nq	98
47) 2-Nitroaniline	9.33	65	376164	58.35	nq	98
48) Acenaphthylene	9.62	152	1591773	52.92	nq	99
49) Dimethylphthalate	9.50	163	1464842	67.56	nq	99
50) 2,6-Dinitrotoluene	9.57	165	219943	46.23	nq	# 44
51) Acenaphthene	9.80	154	940358	52.87	nq	96
52) 3-Nitroaniline	9.75	138	190661	33.36	nq	94
53) 2,4-Dinitrophenol	9.88	184	109458	50.52	nq	# 64
54) Dibenzofuran	9.97	168	1273293	57.20	nq	98
55) 4-Nitrophenol	9.96	139	160315m	57.74	nq	
56) 2,4-Dinitrotoluene	9.98	165	351195	60.08	nq	# 70
57) Fluorene	10.31	166	955003	50.62	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	271806	64.33	nq	92
59) Diethylphthalate	10.20	149	1209151	58.35	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	436073	51.57	nq	95
61) 4-Nitroaniline	10.37	138	245415	41.98	nq	97
62) Azobenzene	10.46	77	1351797	57.41	nq	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	151984	40.25	nq	82
65) n-Nitrosodiphenylamine	10.44	169	918092	47.18	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	273490	44.38	nq	99
67) Hexachlorobenzene	10.86	284	266352	45.26	nq	# 77
68) Atrazine	10.97	200	256953	45.11	nq	93
69) Pentachlorophenol	11.08	266	152698	75.16	nq	98
70) Phenanthrene	11.27	178	1415955	42.56	nq	99
71) Anthracene	11.33	178	1439912	42.79	nq	99
72) Carbazole	11.50	167	1424745	45.07	nq	98
73) Di-n-butylphthalate	11.82	149	1698132	46.43	nq	# 95
74) Fluoranthene	12.47	202	1362316	42.40	nq	93
76) Benzidine	12.61	184	507803	44.90	nq	96
77) Pyrene	12.69	202	1283917	51.33	nq	100
79) Butylbenzylphthalate	13.31	149	616624	58.56	nq	94
80) Benzo(a)anthracene	13.88	228	938224	46.19	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	299660	42.13	nq	96
82) Chrysene	13.92	228	903815	48.10	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	912920	62.20	nq	# 96
84) Di-n-octyl phthalate	14.47	149	1361782	55.67	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	930182	59.14	nq	# 94
87) Benzo(b)fluoranthene	14.91	252	1028925m	55.93	nq	
88) Benzo(k)fluoranthene	14.93	252	616634m	34.75	nq	
89) Benzo(a)pyrene	15.24	252	794620	47.26	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	788662	56.70	nq	99
91) Benzo(g,h,i)perylene	17.04	276	823630	57.69	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093672.D

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E2-BB7-WSWMSD

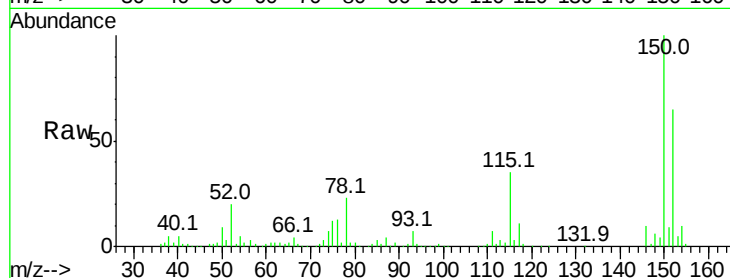
Tot Ion:152 Resp: 172907

Ion Ratio Lower Upper

152 100

150 153.0 124.9 187.3

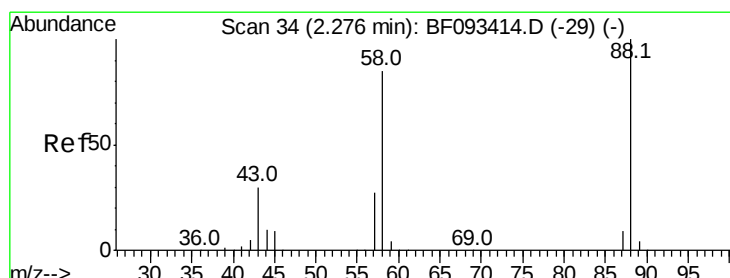
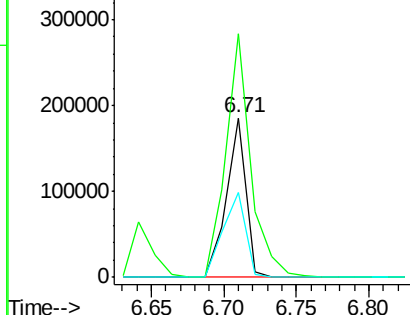
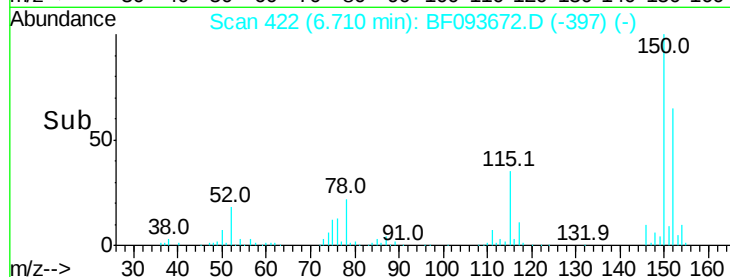
115 53.6 46.0 69.0



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: 46.52 ng

RT: 2.24 min Scan# 31

Delta R.T. 0.06 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

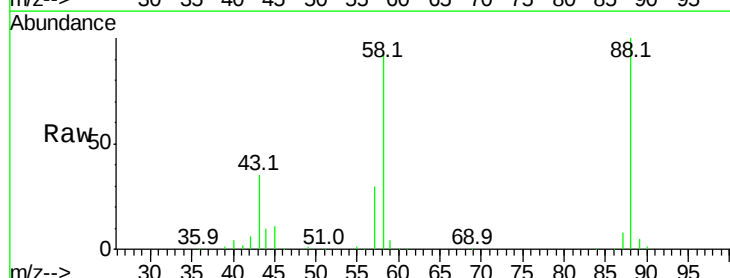
Tgt Ion: 88 Resp: 266199

Ion Ratio Lower Upper

88 100

58 90.4 57.8 86.8#

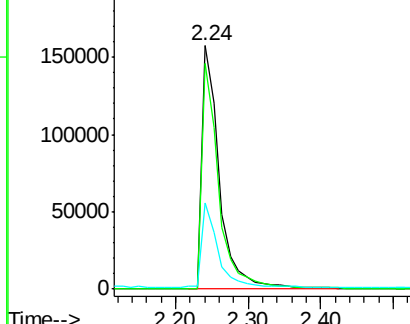
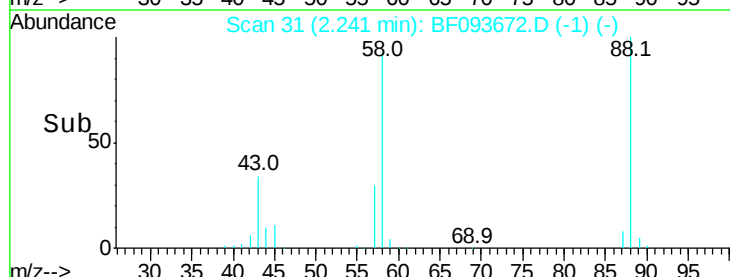
43 32.2 22.3 33.5

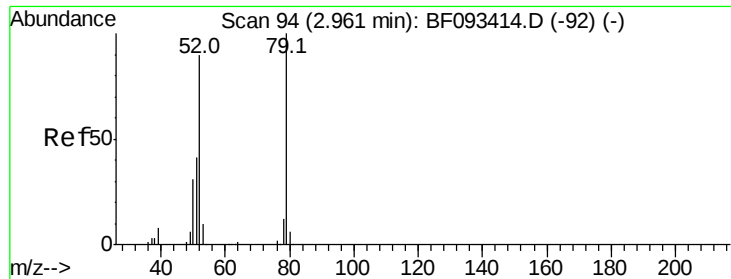


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

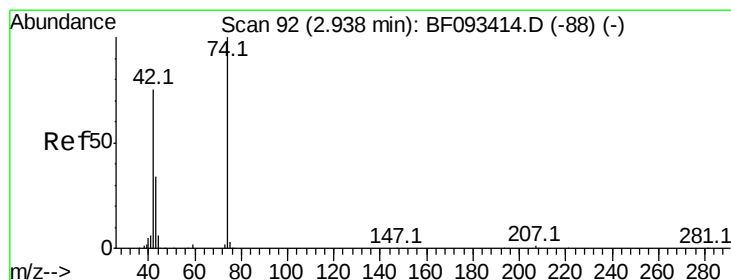
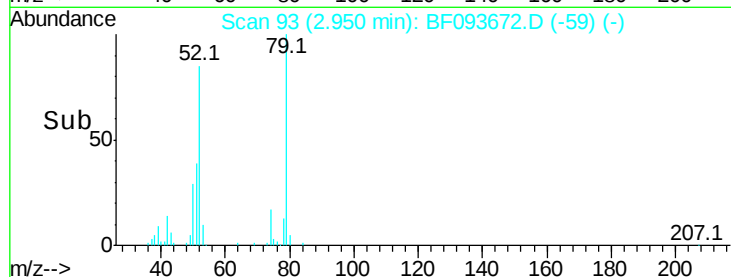
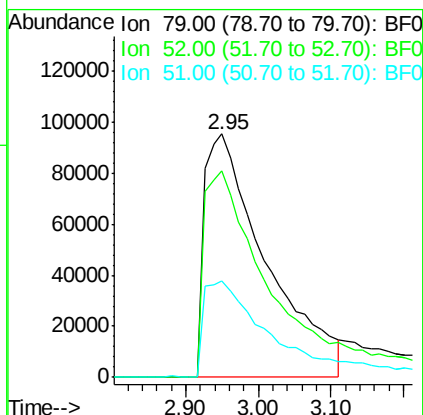
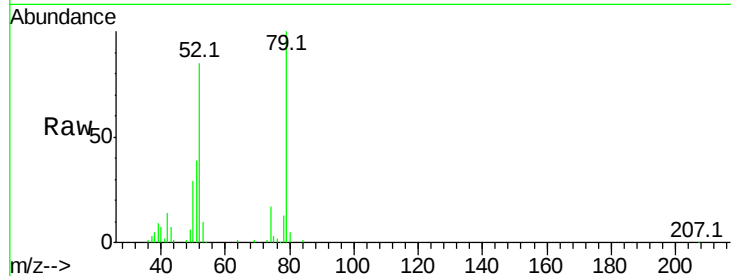




#3
 Pvridine
 Concen: 38.62 ng
 RT: 2.95 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

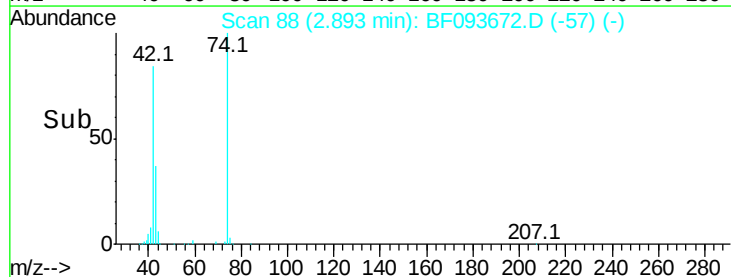
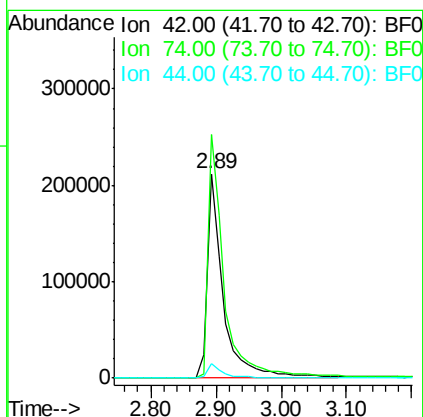
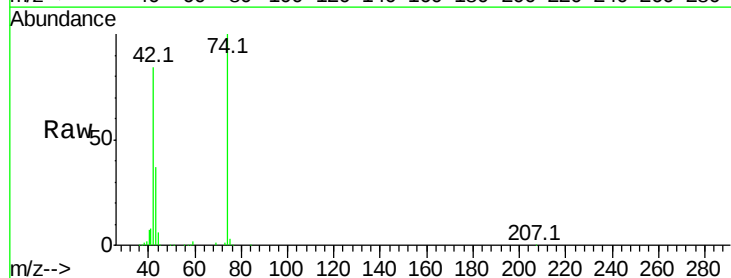
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

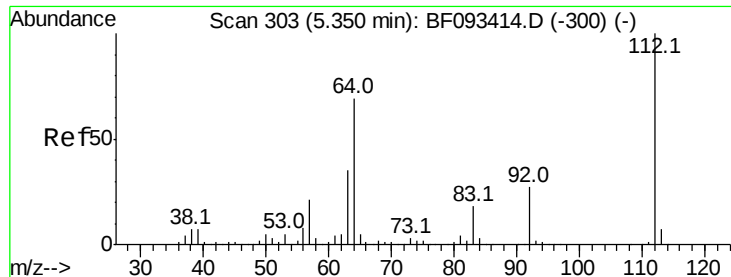
Tot Ion: 79 Resp: 563417
 Ion Ratio Lower Upper
 79 100
 52 84.7 57.1 85.7
 51 39.4 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 52.37 ng
 RT: 2.89 min Scan# 88
 Delta R.T. 0.06 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion: 42 Resp: 364964
 Ion Ratio Lower Upper
 42 100
 74 119.2 117.0 175.4
 44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 157.91 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

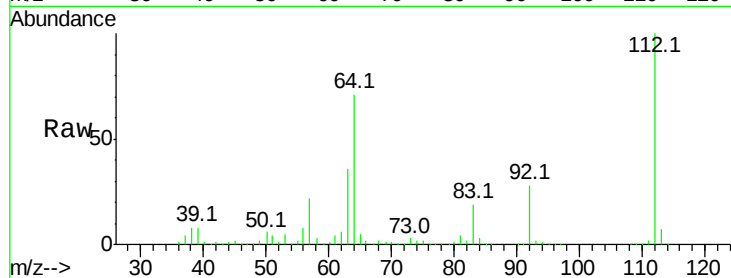
Tot Ion:112 Resp: 1640537

Ion Ratio Lower Upper

112 100

64 70.8 46.1 69.1#

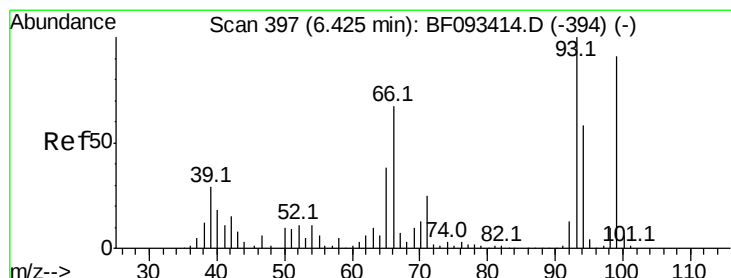
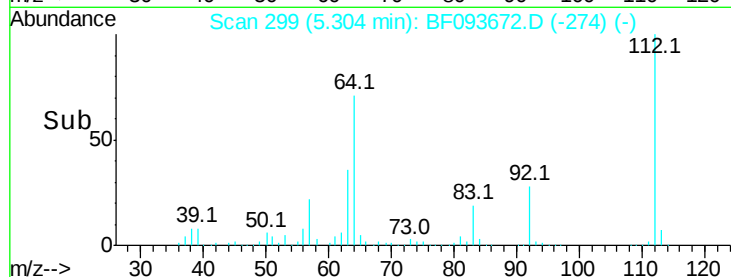
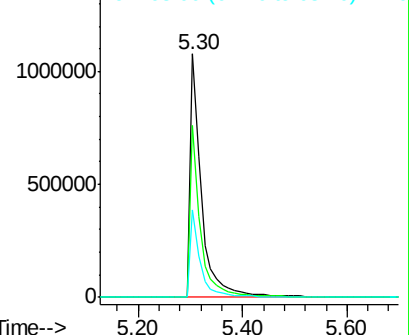
63 36.0 23.8 35.6#



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: 23.16 ng

RT: 6.40 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

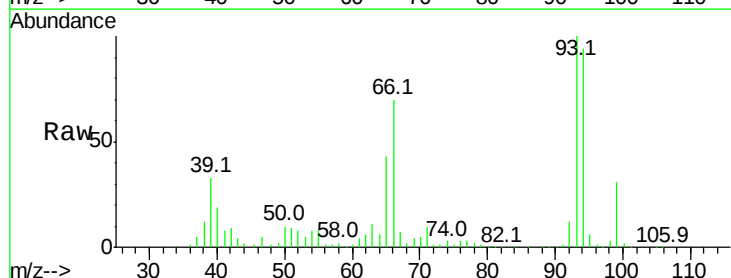
Tgt Ion: 93 Resp: 416448

Ion Ratio Lower Upper

93 100

66 69.9 76.2 114.2#

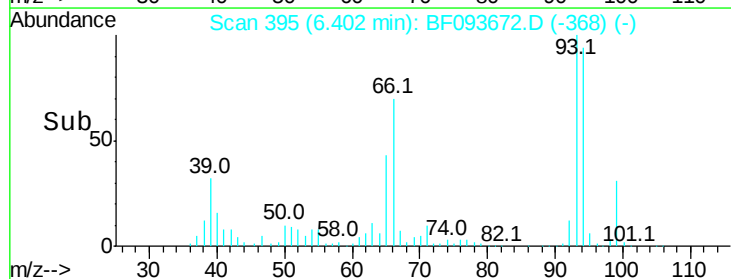
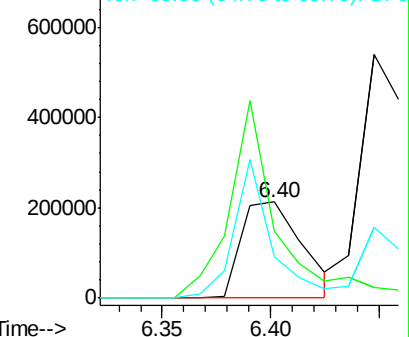
65 43.2 49.3 73.9#

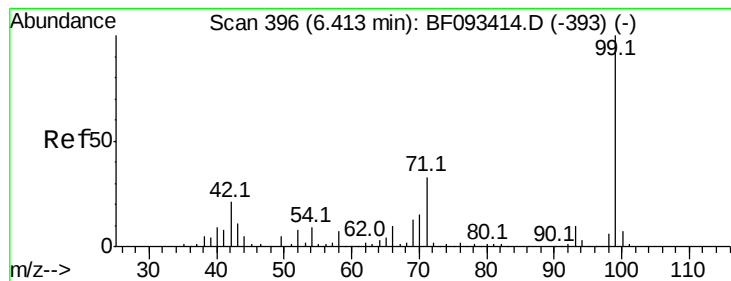


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 151.53 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

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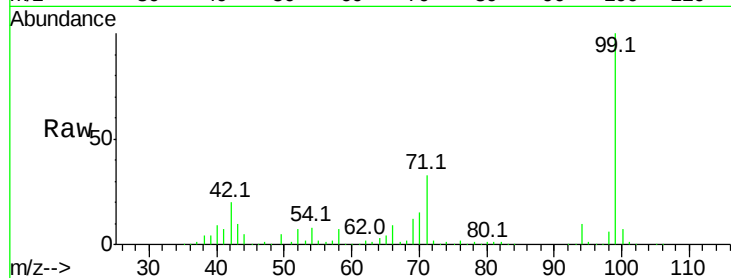
Tot Ion: 99 Resp: 1985119

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.4	27.5	41.3

99 100

42 20.1 15.6 23.4

71 33.4 27.5 41.3

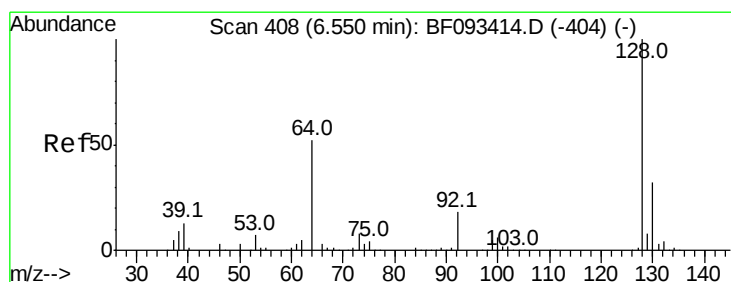
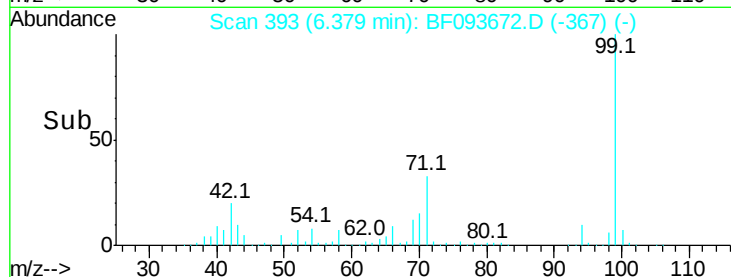
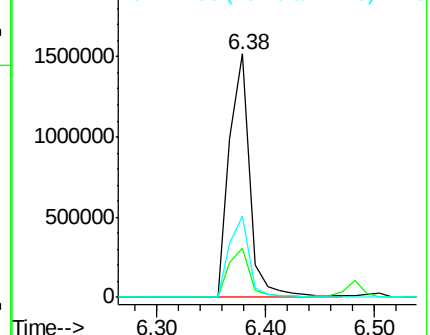


Abundance

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: 50.47 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

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Acq: 15 Mar 2017 17:14

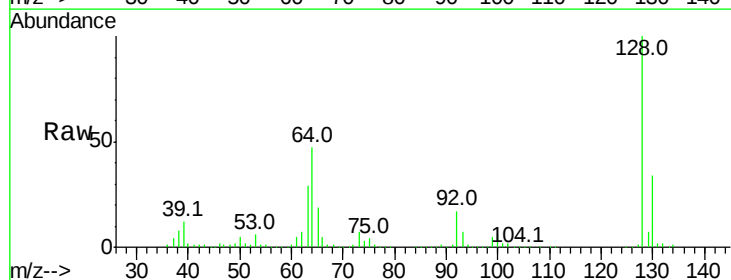
Tgt Ion:128 Resp: 587432

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.3	52.3
64	47.0	32.2	72.2

128 100

130 33.5 12.3 52.3

64 47.0 32.2 72.2

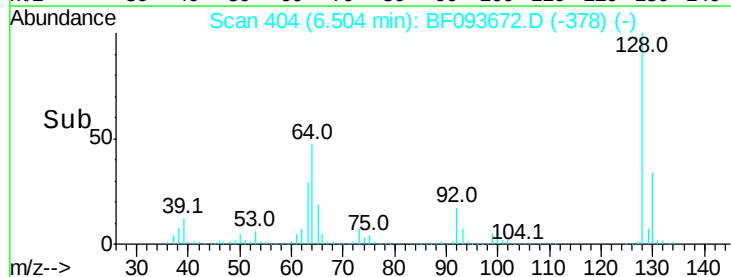
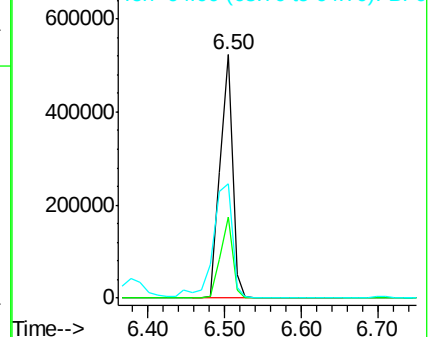


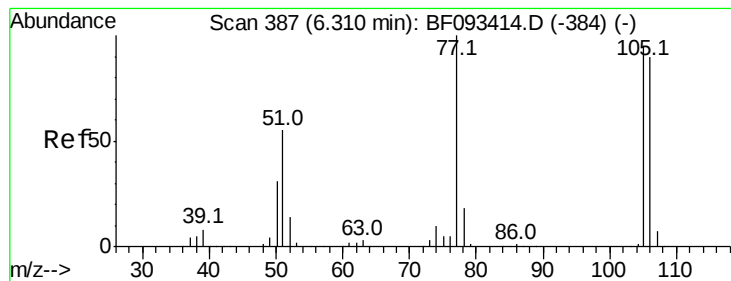
Abundance

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: 39.66 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093672.D

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Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

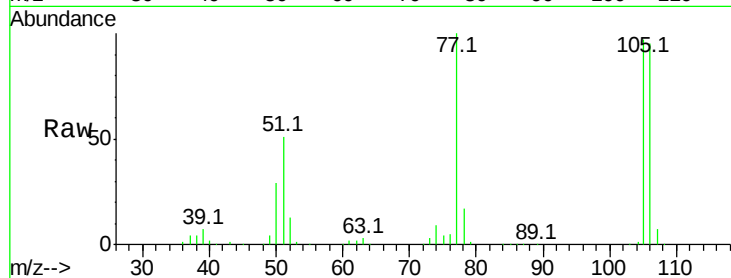
Tot Ion: 77 Resp: 318935

Ion Ratio Lower Upper

77 100

105 97.1 83.9 123.9

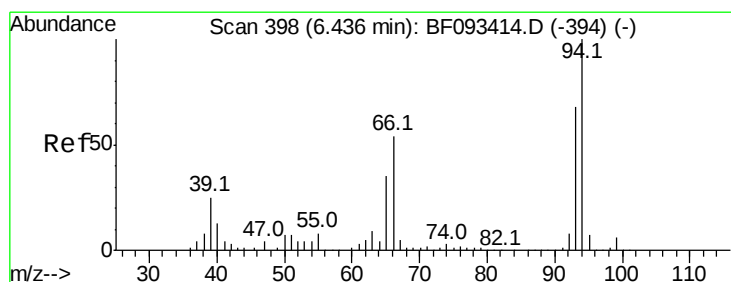
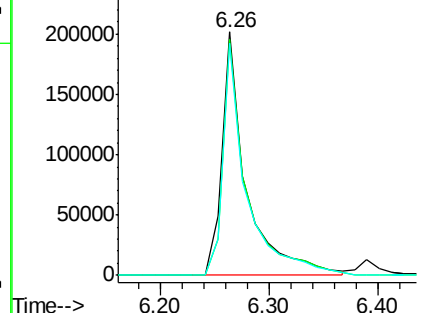
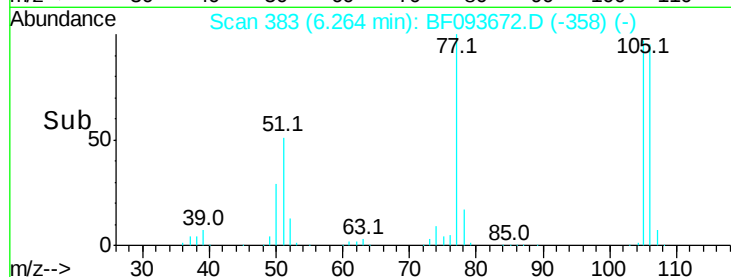
106 95.2 77.6 117.6



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: 66.10 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

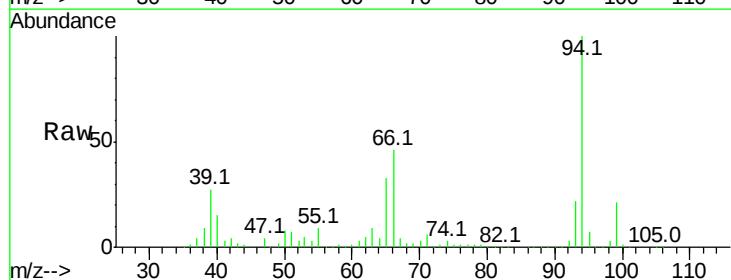
Tgt Ion: 94 Resp: 1061149

Ion Ratio Lower Upper

94 100

65 32.5 21.4 61.4

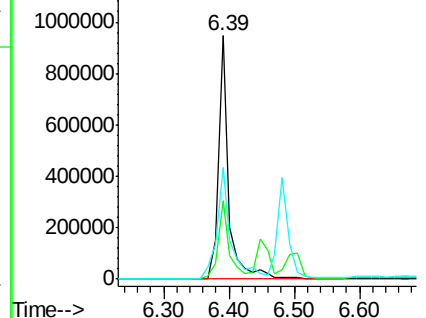
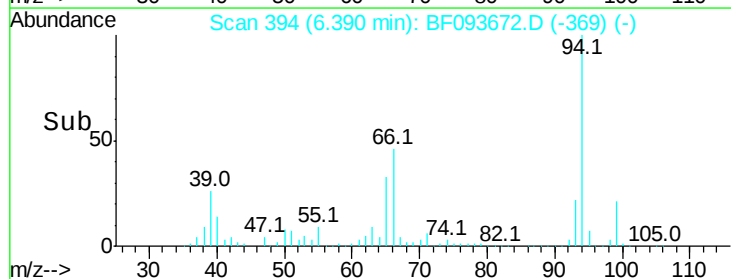
66 46.1 44.0 84.0

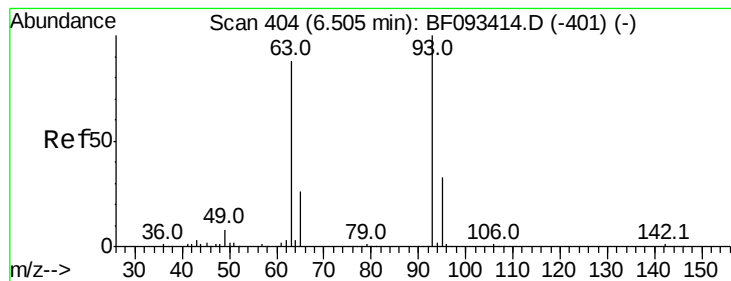


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 62.36 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

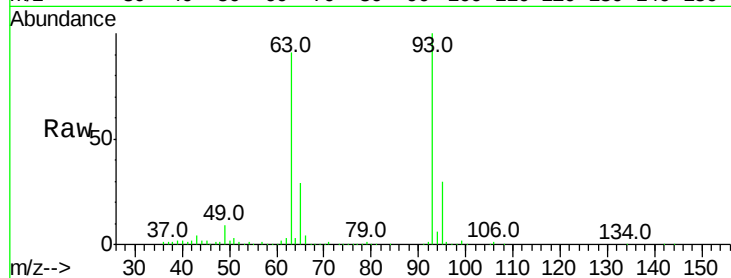
Tot Ion: 93 Resp: 809065

Ion Ratio Lower Upper

93 100

63 90.6 60.4 100.4

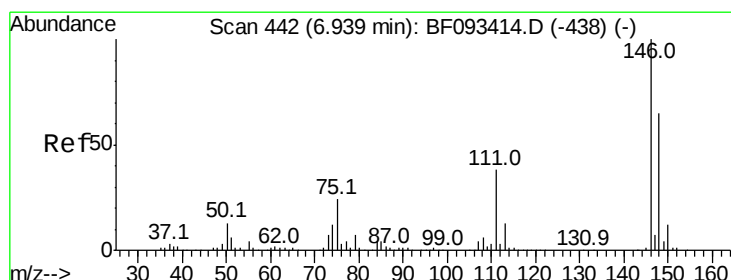
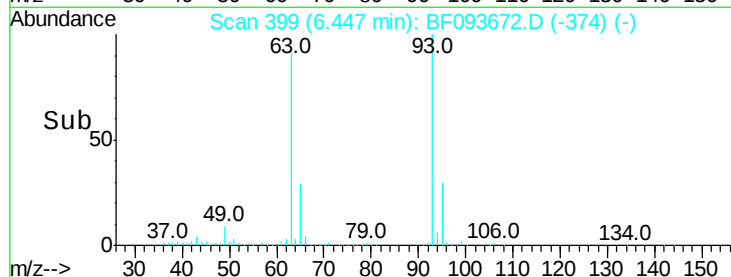
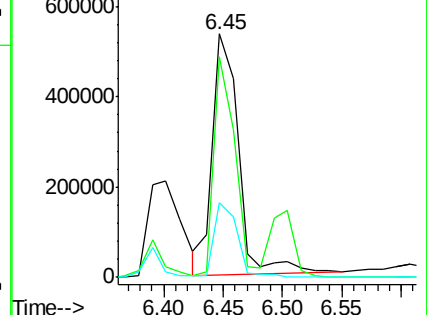
95 30.5 12.8 52.8



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: 47.91 ng m

RT: 6.64 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

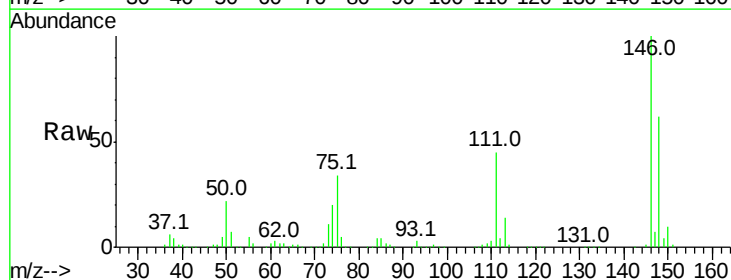
Tgt Ion: 146 Resp: 638319

Ion Ratio Lower Upper

146 100

148 62.3 53.4 80.0

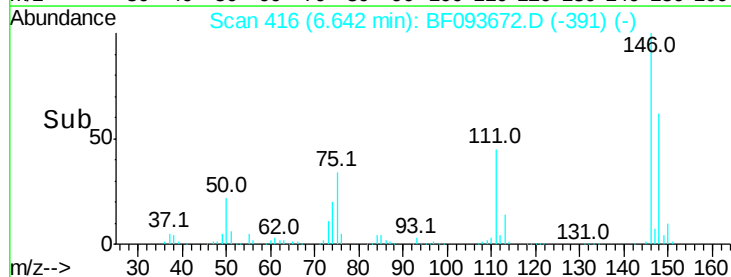
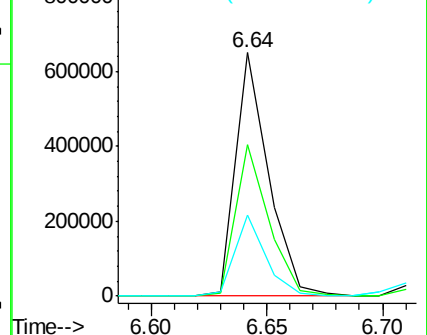
75 33.5 18.5 27.7#



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

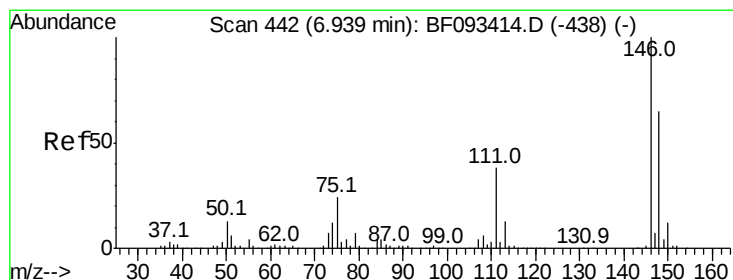
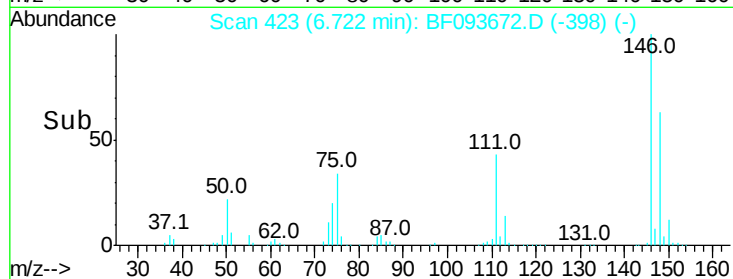
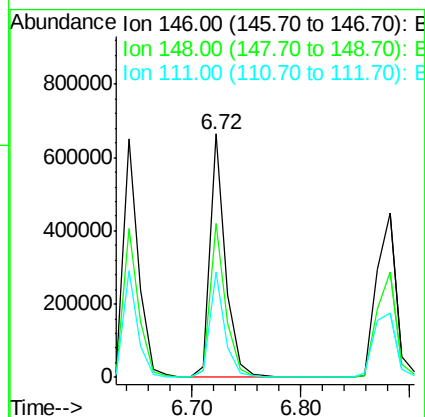
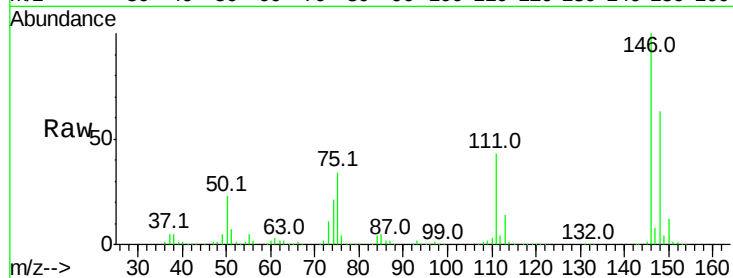




#13
 1,4-Dichlorobenzene
 Concen: 48.78 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

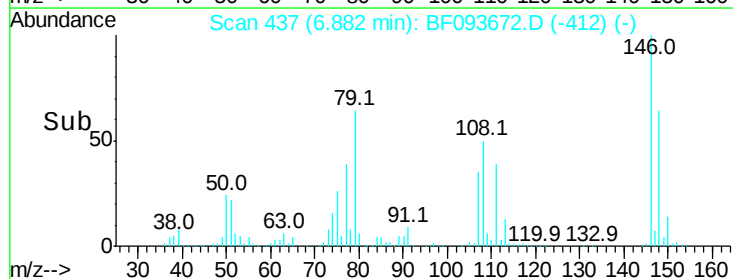
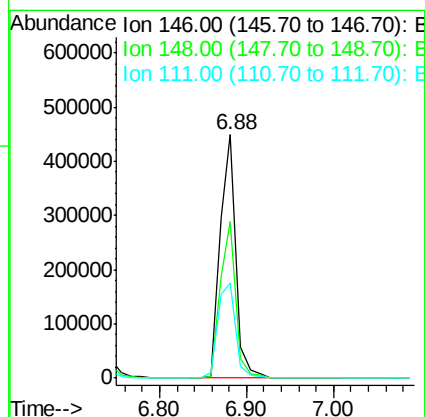
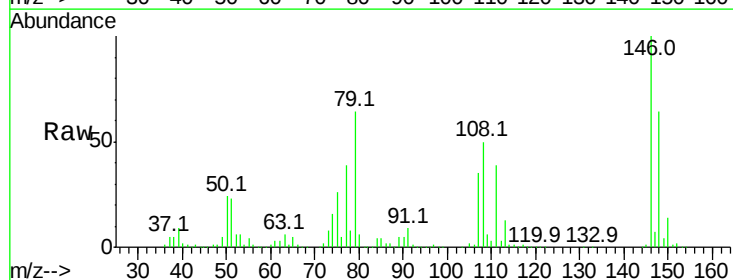
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

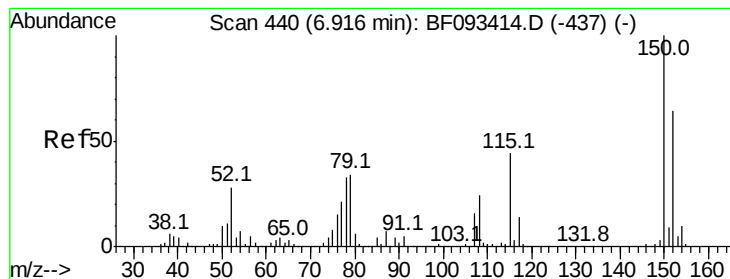
Tot Ion:146 Resp: 665409
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 43.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 47.18 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:146 Resp: 569909
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 39.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 47.31 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

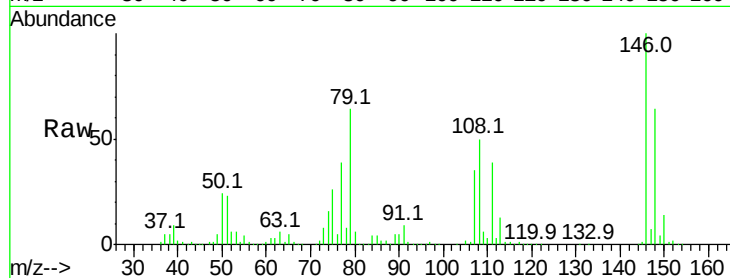
Tot Ion: 79 Resp: 441805

Ion Ratio Lower Upper

79 100

108 78.9 61.4 92.0

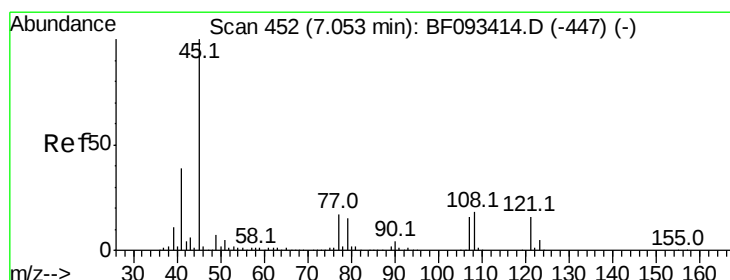
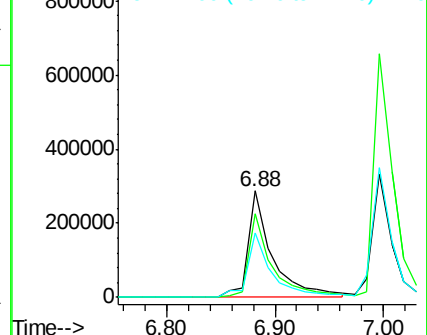
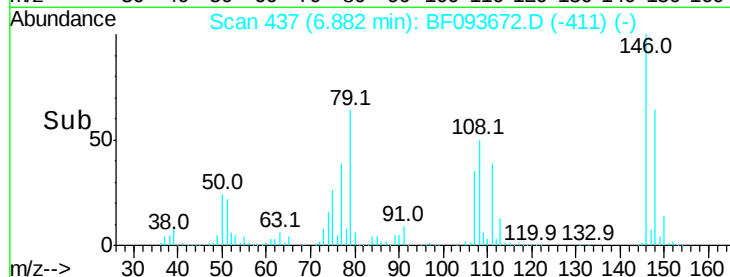
77 60.7 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.47 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

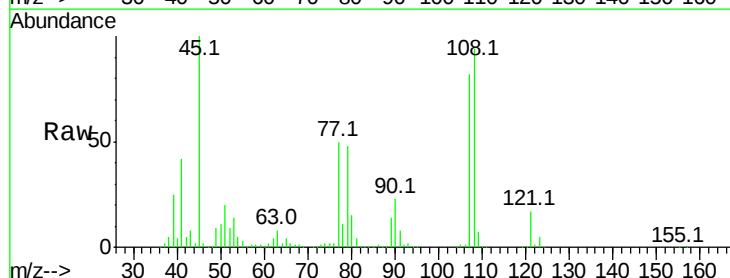
Tgt Ion: 45 Resp: 980085

Ion Ratio Lower Upper

45 100

77 49.9 0.0 34.6#

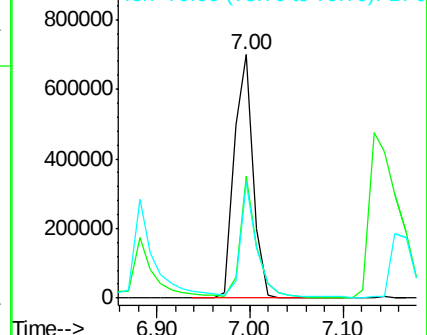
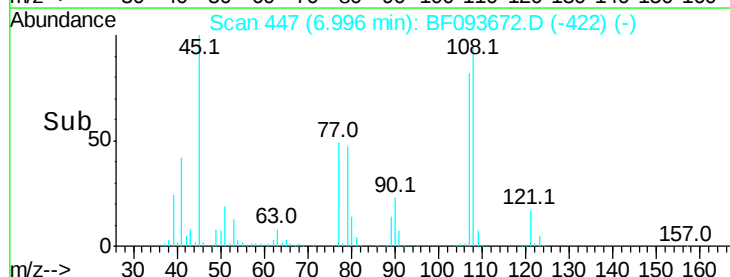
79 47.5 0.0 31.2#

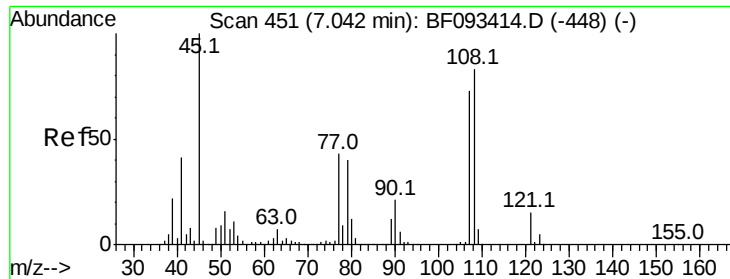


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 70.63 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

Tot Ion:107 Resp: 695399

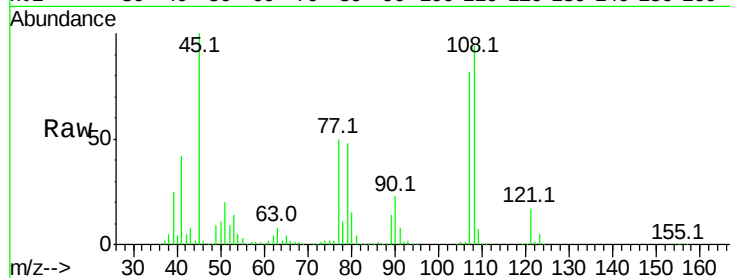
Ion Ratio Lower Upper

107 100

108 114.7 93.0 139.6

77 61.0 39.8 59.8#

79 58.1 38.0 57.0#

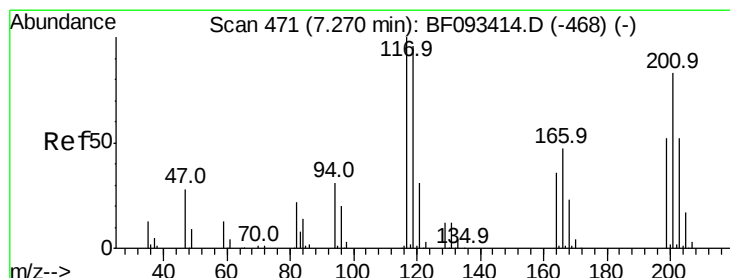
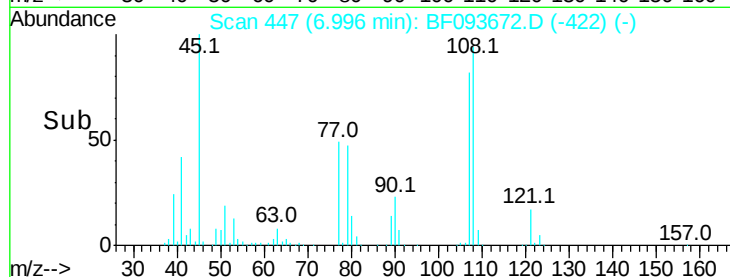
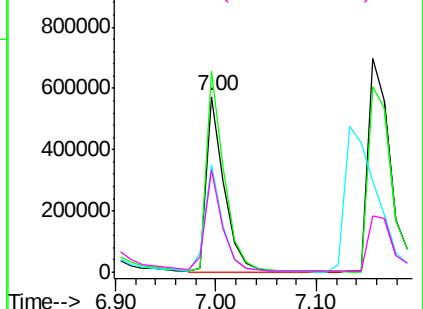


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 49.91 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

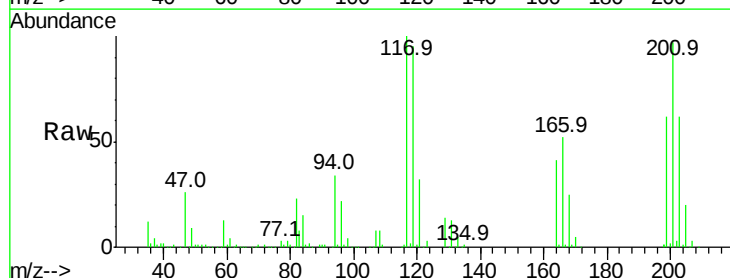
Tgt Ion:117 Resp: 229608

Ion Ratio Lower Upper

117 100

119 95.1 78.1 117.1

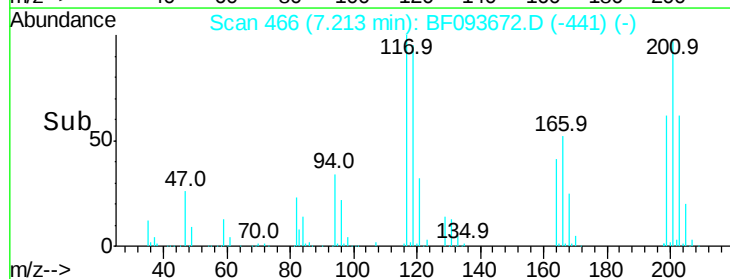
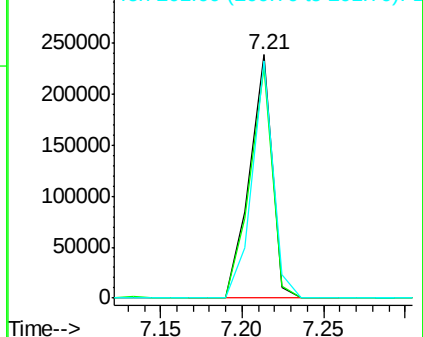
201 97.2 78.6 117.8

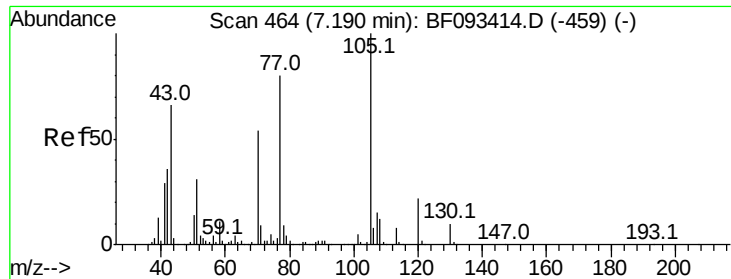


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

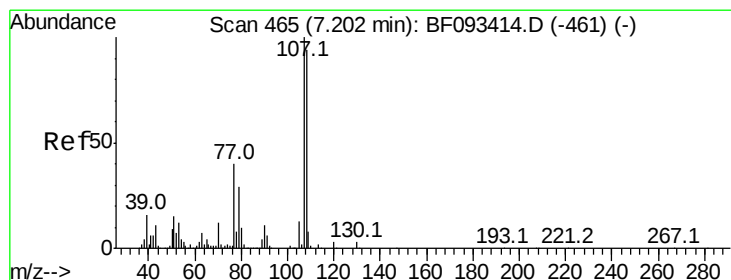
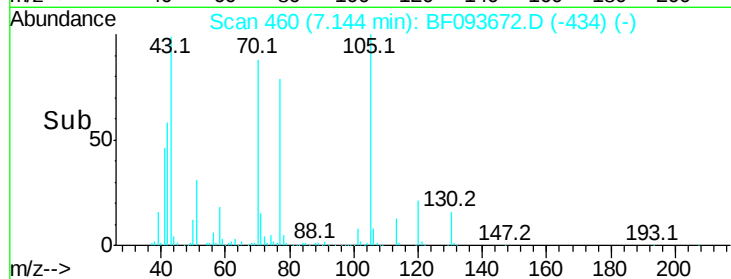
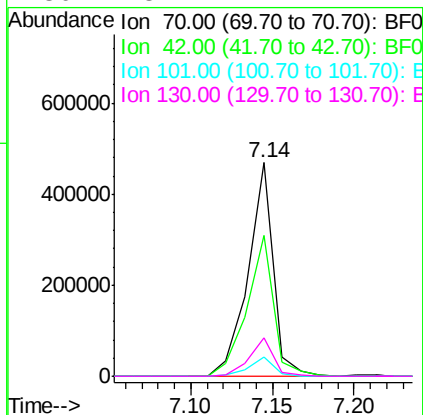
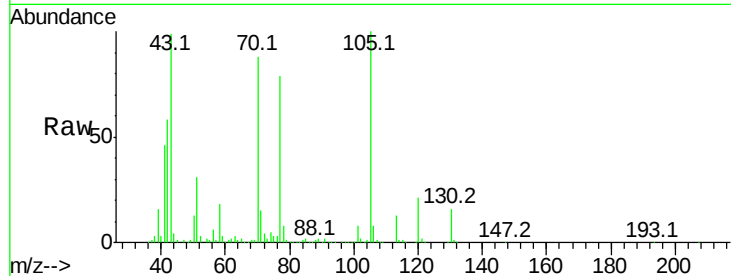




#19
n-Nitroso-di-n-propylamine
Concen: 55.80 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

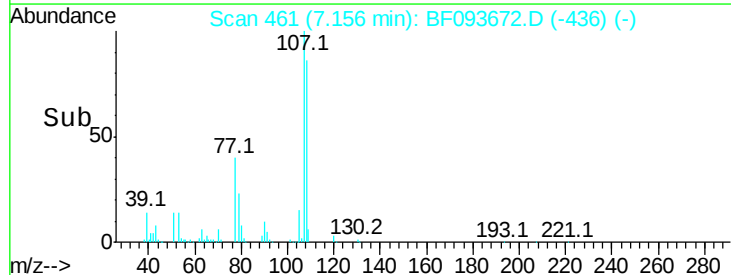
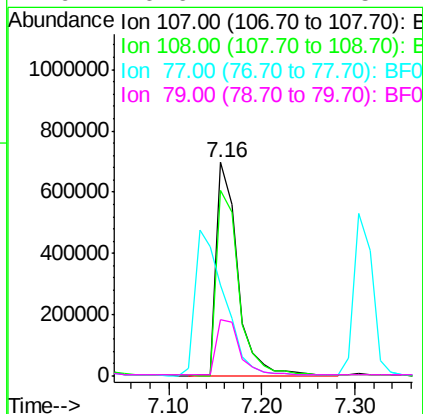
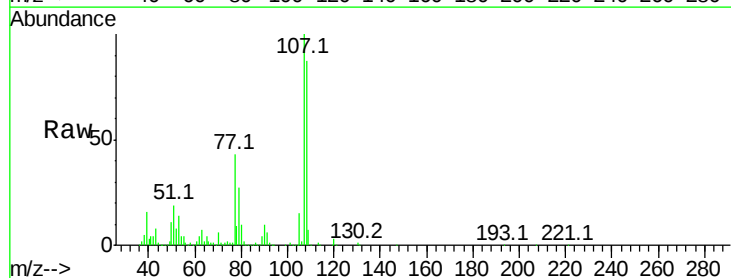
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

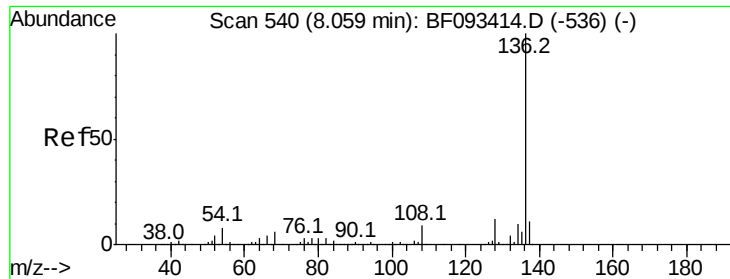
Tot Ion: 70 Resp: 502597
Ion Ratio Lower Upper
70 100
42 65.9 49.4 74.0
101 8.9 7.4 11.2
130 18.2 14.2 21.4



#20
3+4-Methylphenols
Concen: 85.15 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion: 107 Resp: 1087225
Ion Ratio Lower Upper
107 100
108 86.8 73.0 113.0
77 42.7 71.3 111.3#
79 26.6 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: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

Tot Ion:136 Resp: 722001

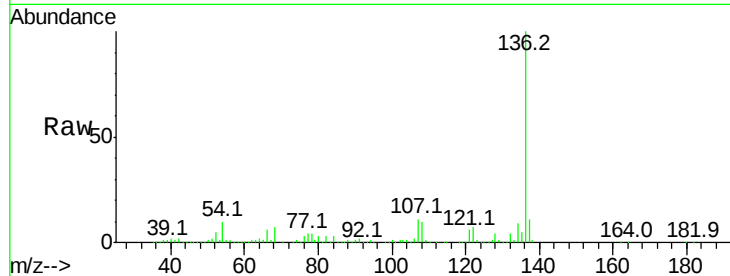
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.7 4.5 6.7#

68 7.0 3.6 5.4#

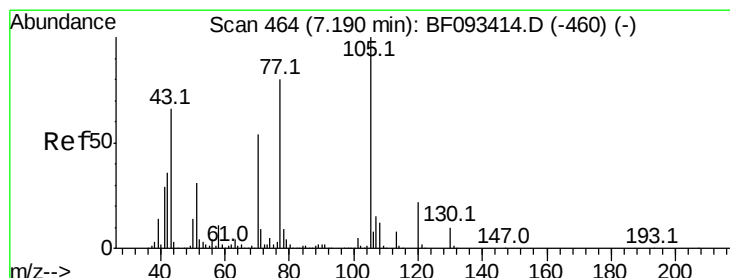
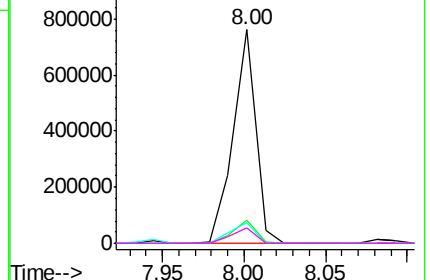
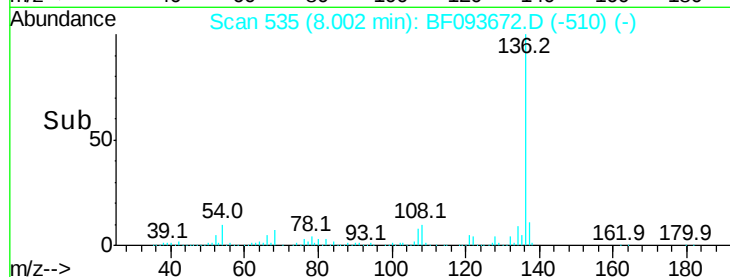


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.90 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion:105 Resp: 884285

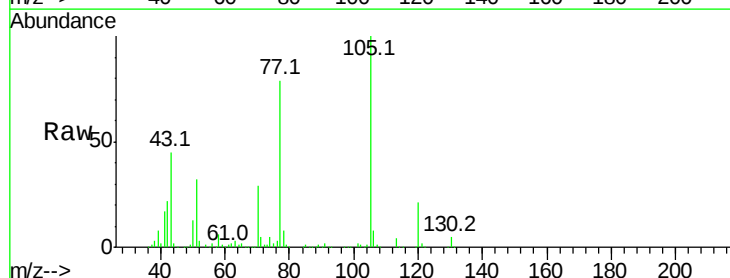
Ion Ratio Lower Upper

105 100

71 5.2 3.2 4.8#

51 32.2 26.2 39.4

120 20.6 16.6 24.8

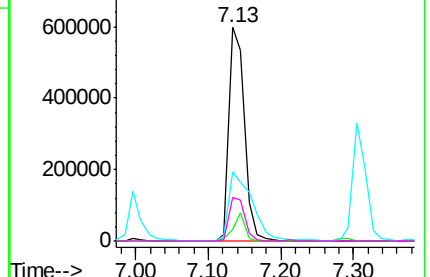
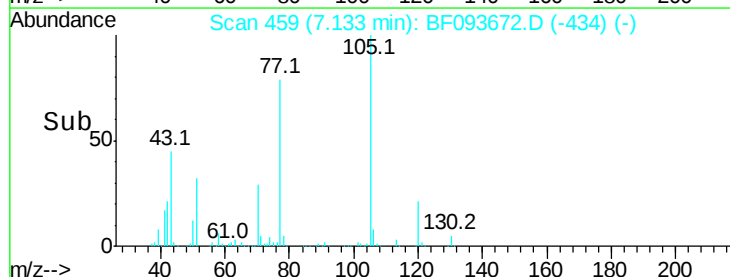


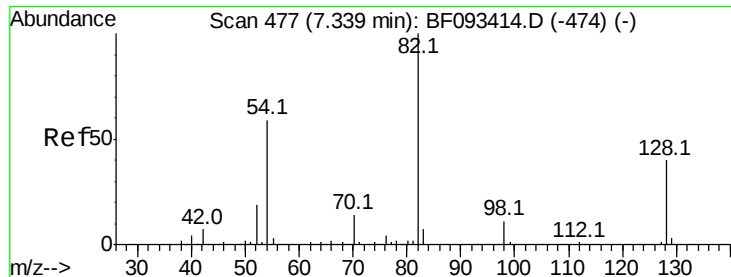
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

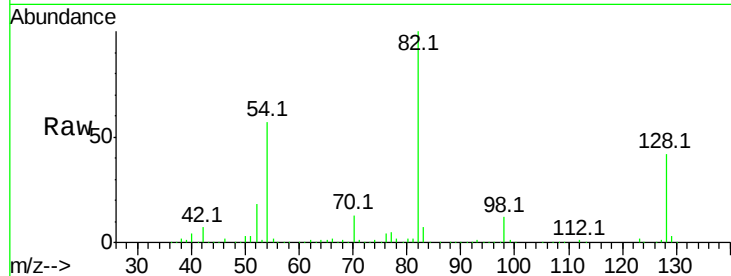




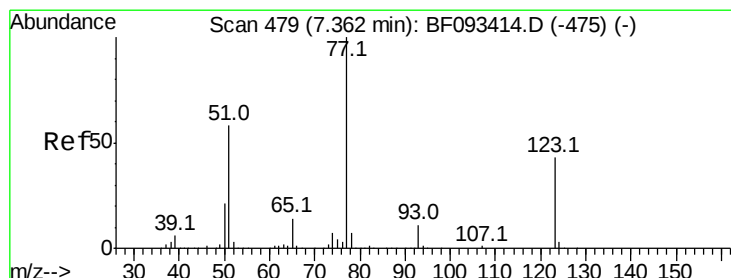
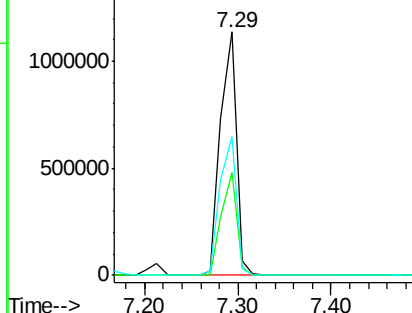
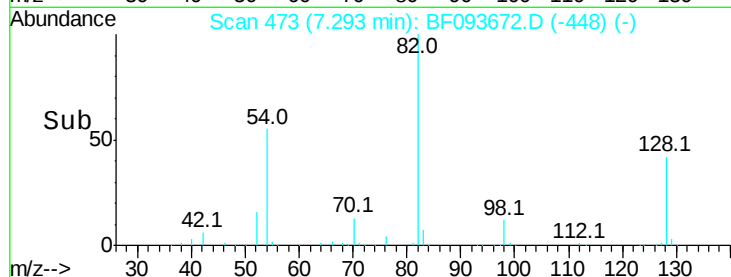
#23
 Nitrobenzene-d5
 Concen: 103.81 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Tot Ion: 82 Resp: 1350865
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 52.0
 54 56.9 39.5 59.3

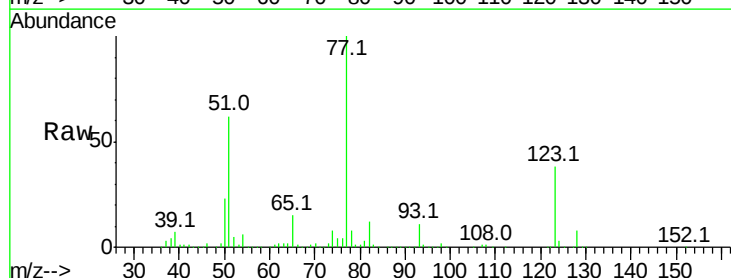


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

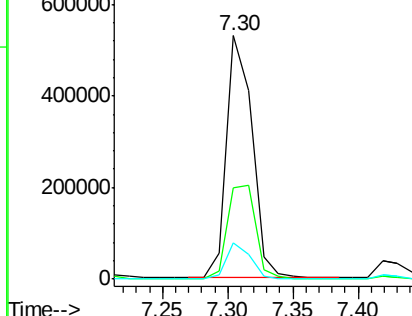
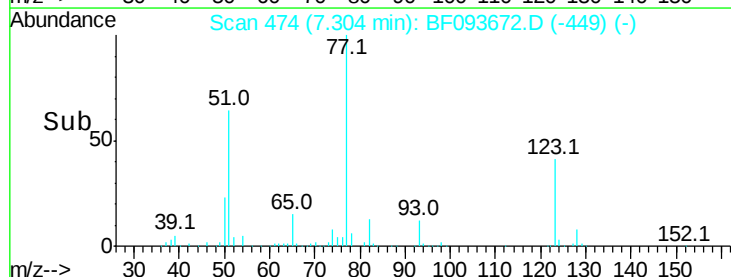


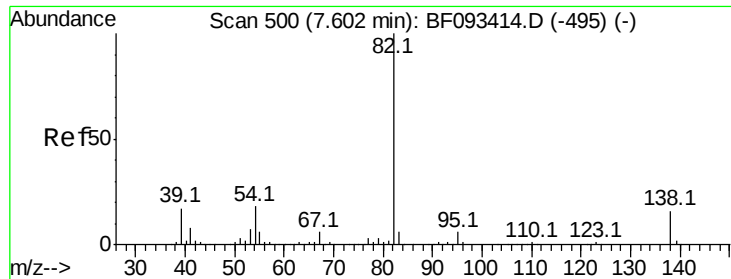
#24
 Nitrobenzene
 Concen: 49.23 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion: 77 Resp: 719947
 Ion Ratio Lower Upper
 77 100
 123 37.7 33.0 49.4
 65 14.9 11.2 16.8



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

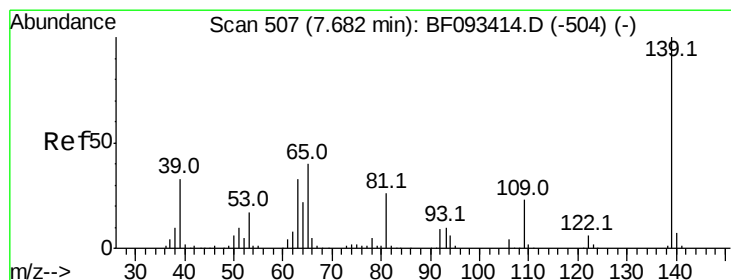
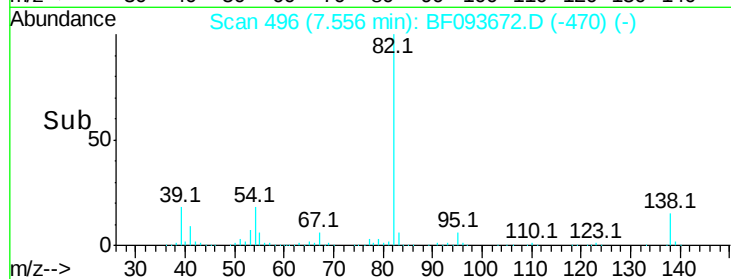
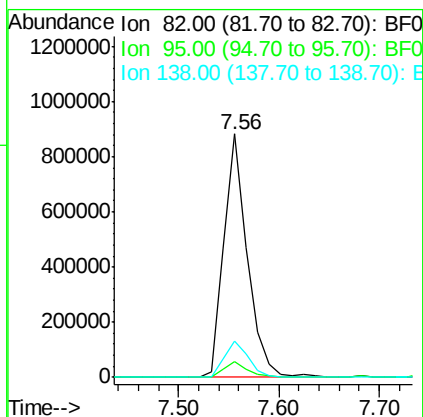
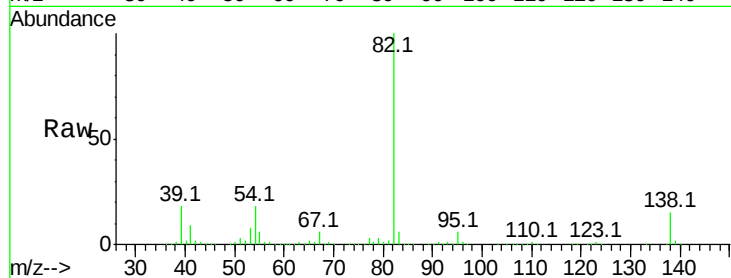




#25
Isophorone
Concen: 54.14 ng
RT: 7.56 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

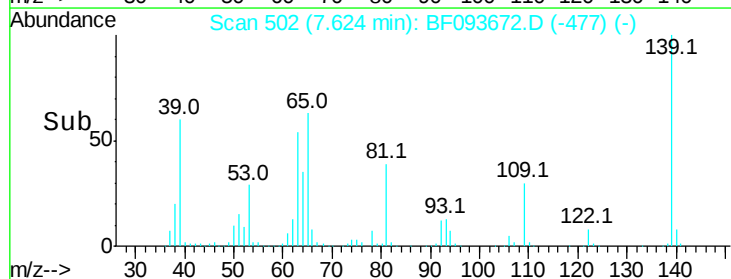
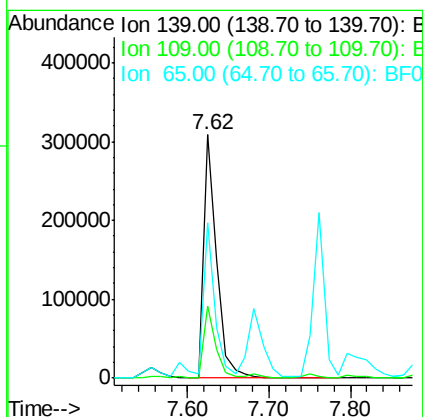
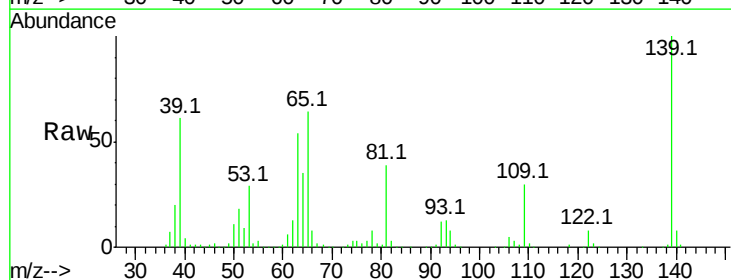
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

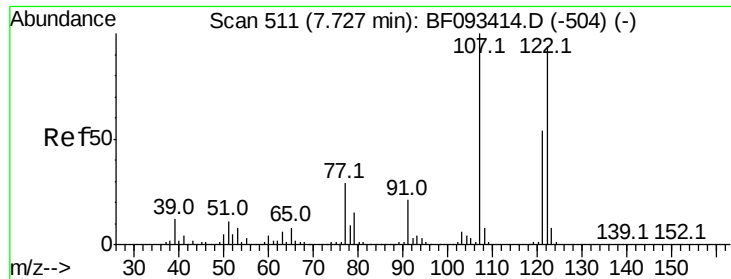
Tot Ion: 82 Resp: 1420611
Ion Ratio Lower Upper
82 100
95 6.3 5.6 8.4
138 14.8 14.6 22.0



#26
2-Nitrophenol
Concen: 52.49 ng
RT: 7.62 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion: 139 Resp: 350215
Ion Ratio Lower Upper
139 100
109 29.7 23.3 34.9
65 63.7 42.7 64.1

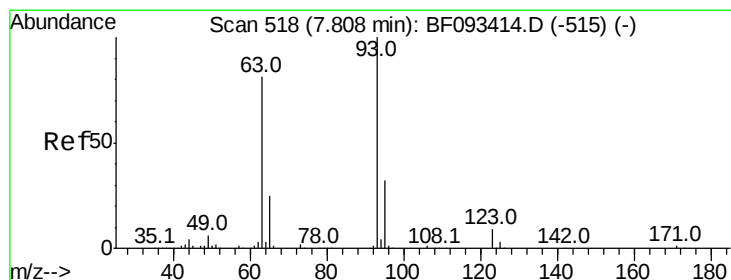
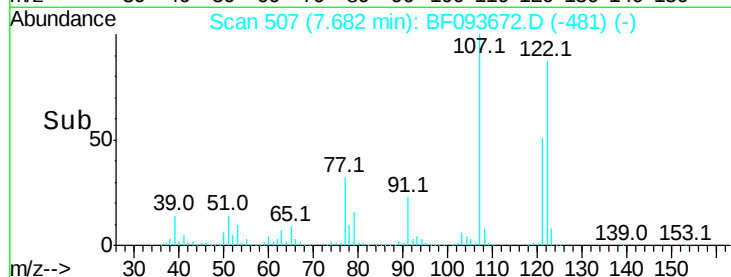
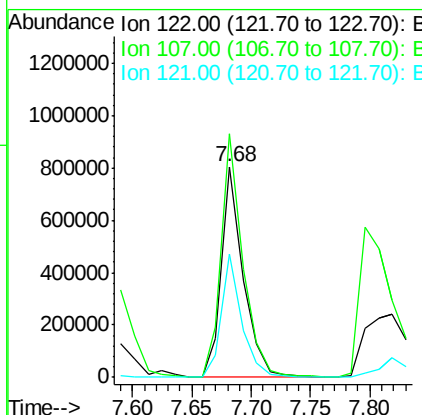
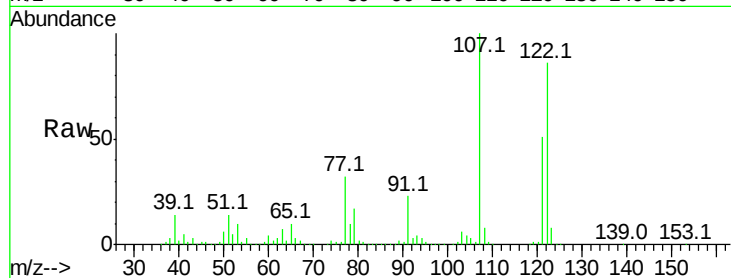




#27
 2,4-Dimethylphenol
 Concen: 93.16 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

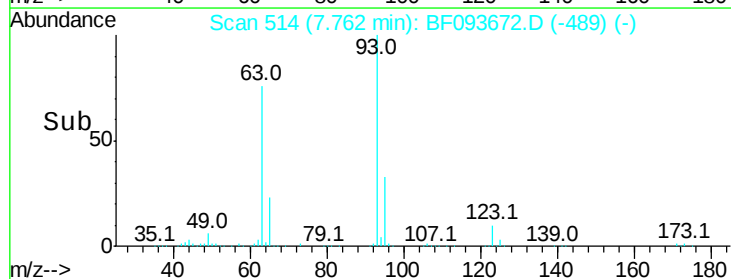
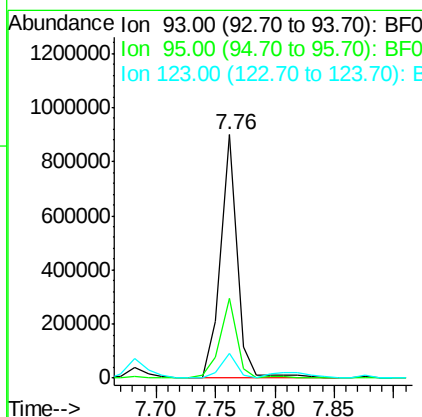
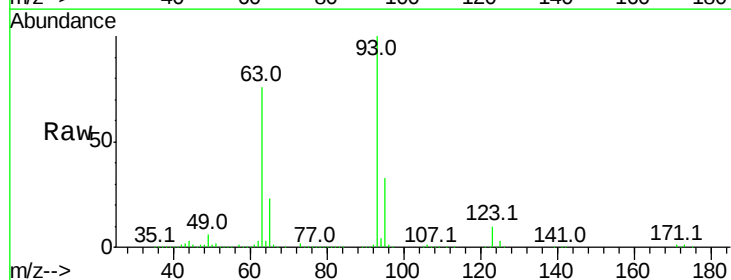
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

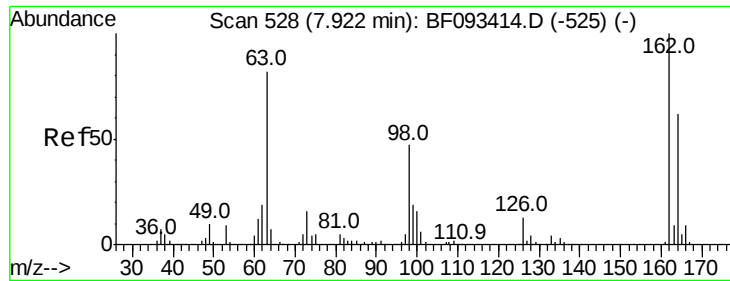
Tot Ion:122 Resp: 1011250
 Ion Ratio Lower Upper
 122 100
 107 115.6 94.1 141.1
 121 58.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.22 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion: 93 Resp: 865008
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 9.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 49.14 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

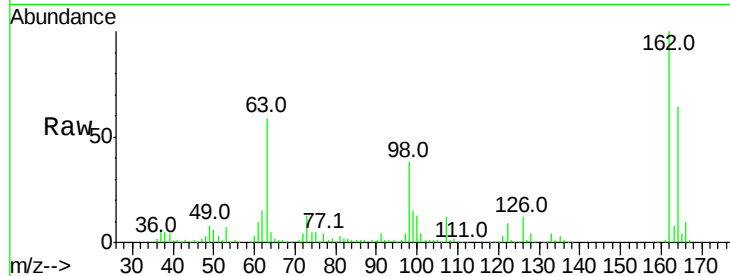
Tot Ion:162 Resp: 501784

Ion Ratio Lower Upper

162 100

164 64.3 46.8 86.8

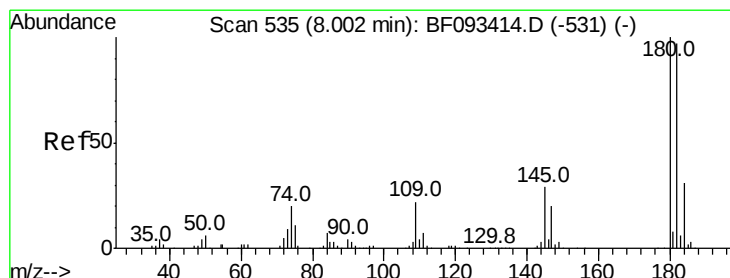
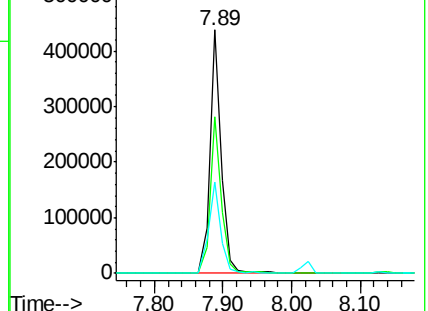
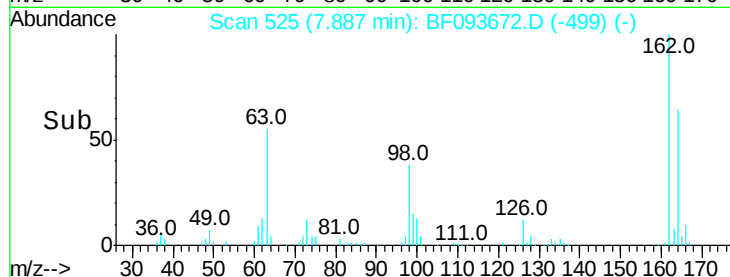
98 37.7 9.1 49.1



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: 46.90 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

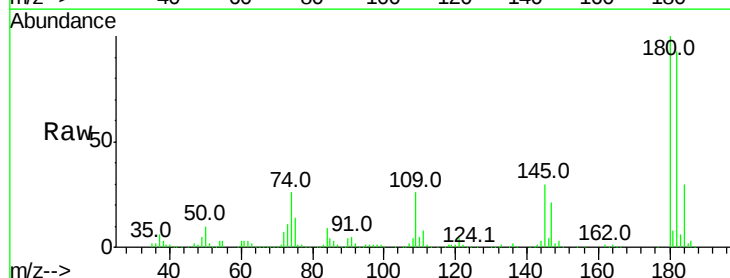
Tgt Ion:180 Resp: 509273

Ion Ratio Lower Upper

180 100

182 93.4 78.2 117.4

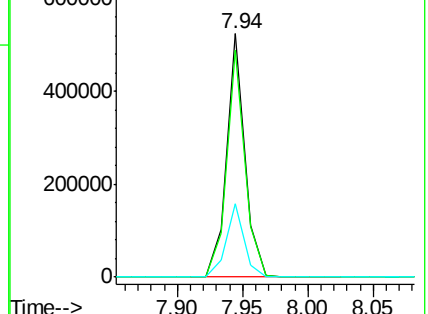
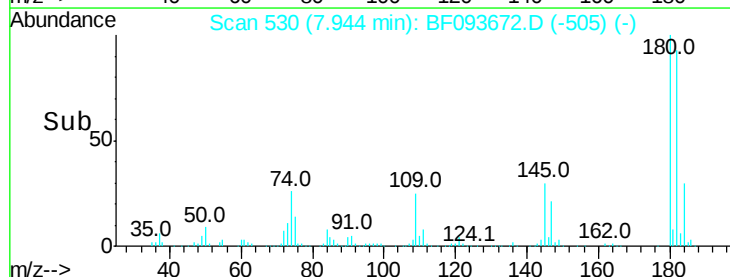
145 30.4 21.6 32.4

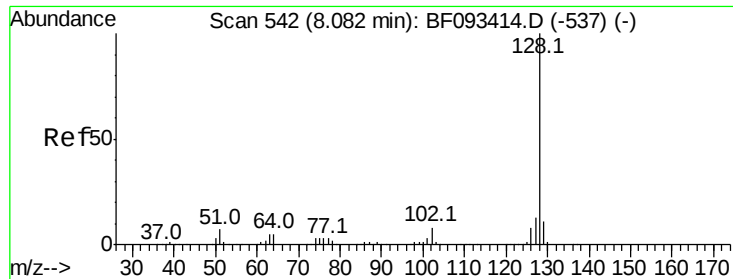


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

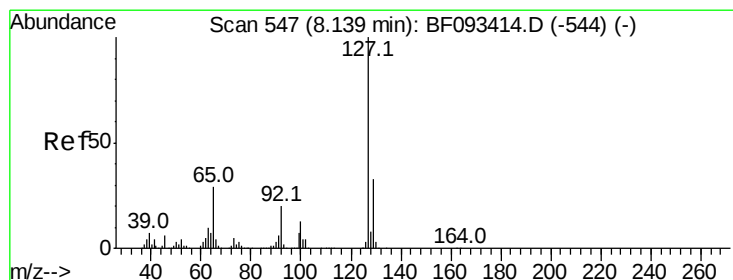
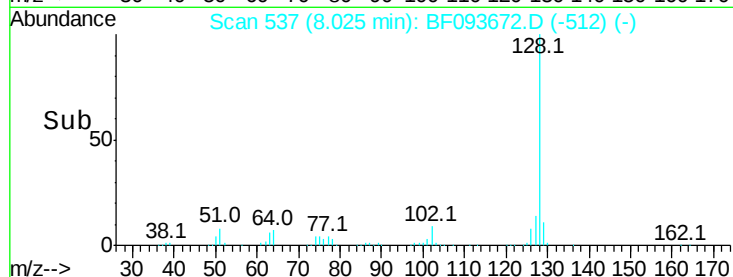
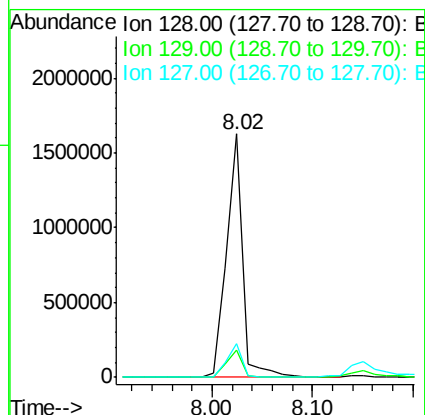
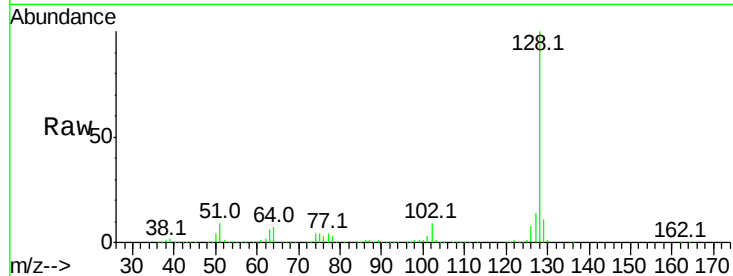




#31
Naphthalene
Concen: 49.79 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

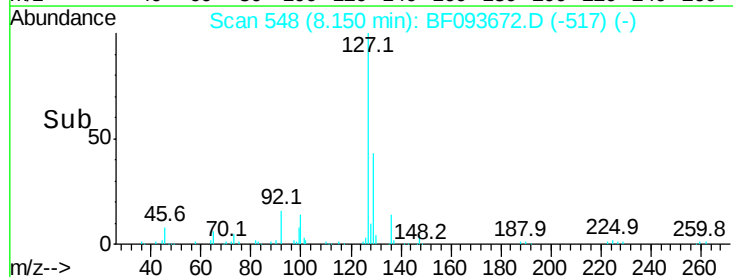
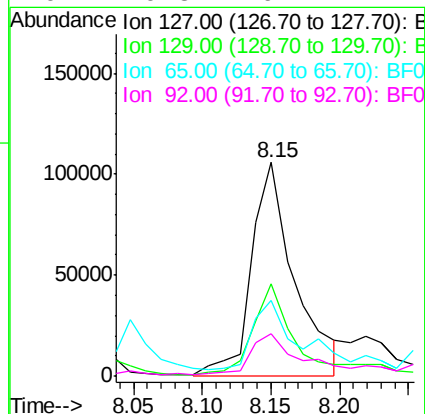
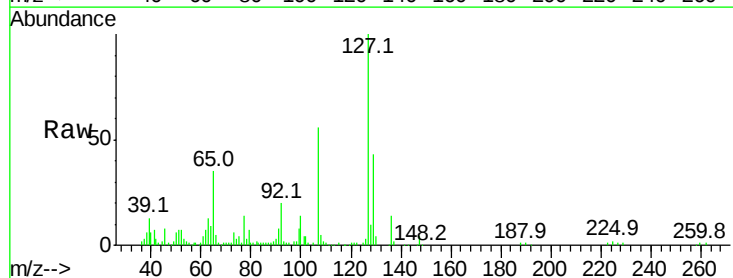
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

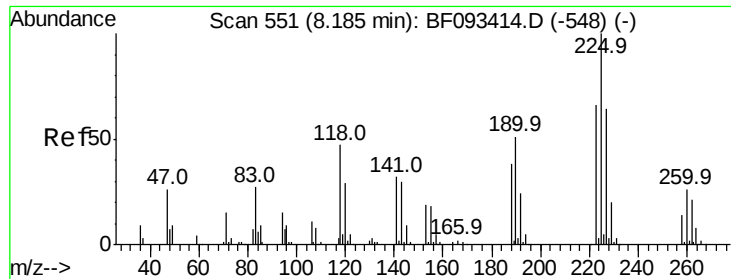
Tot Ion:128 Resp: 1801383
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.7 10.8 16.2



#33
4-Chloroaniline
Concen: 15.68 ng m
RT: 8.15 min Scan# 548
Delta R.T. 0.06 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:127 Resp: 230226
Ion Ratio Lower Upper
127 100
129 43.1 26.3 39.5#
65 35.3 25.8 38.8
92 19.8 16.1 24.1





#34

Hexachlorobutadiene

Concen: 45.35 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

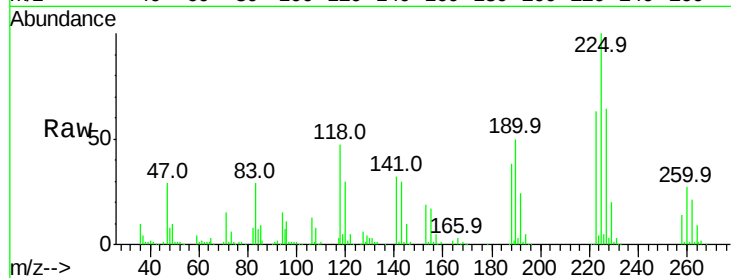
Tot Ion:225 Resp: 253676

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

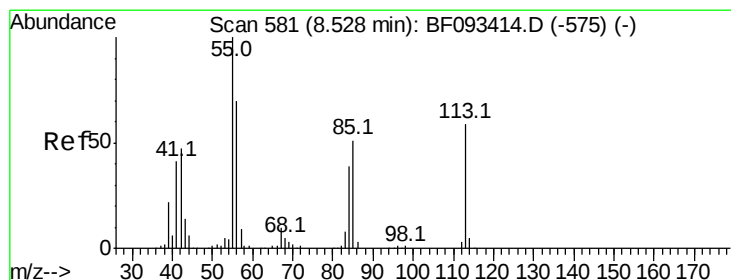
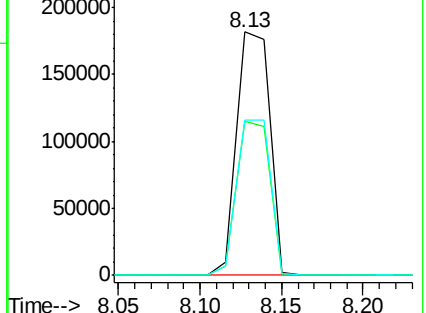
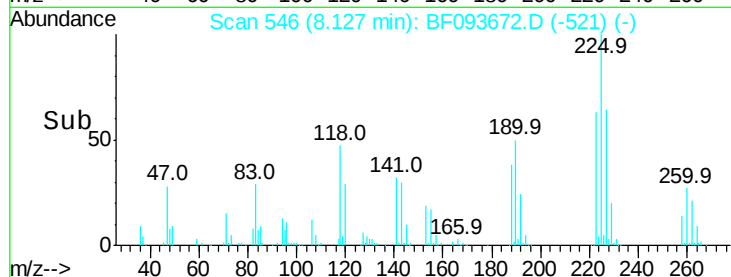
227 63.7 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 48.90 ng m

RT: 8.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

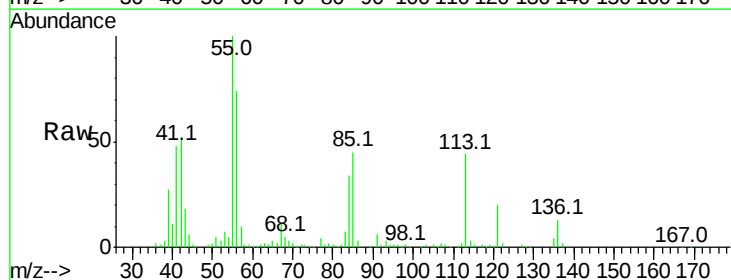
Tgt Ion:113 Resp: 170536

Ion Ratio Lower Upper

113 100

55 225.7 119.2 159.2#

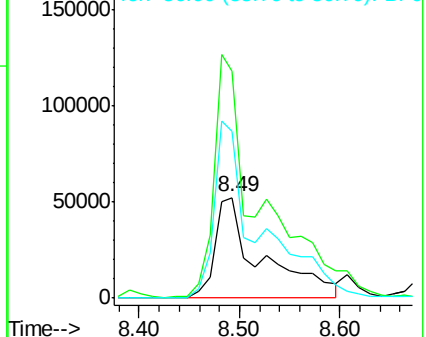
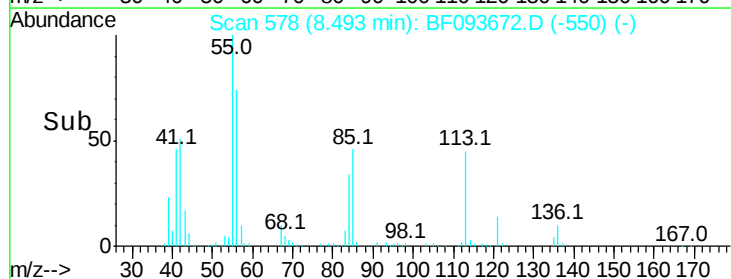
56 166.5 83.8 123.8#

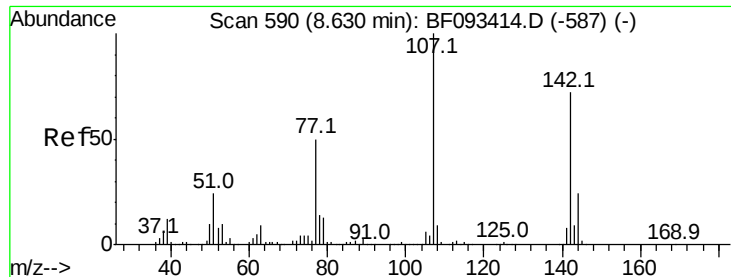


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

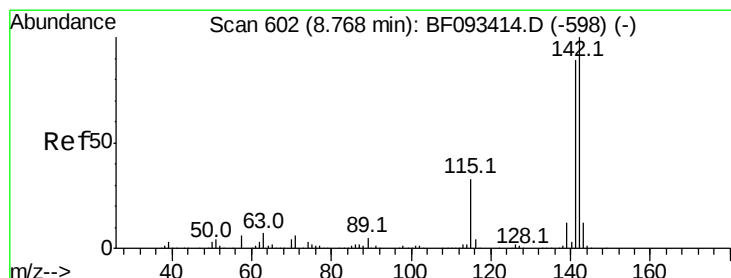
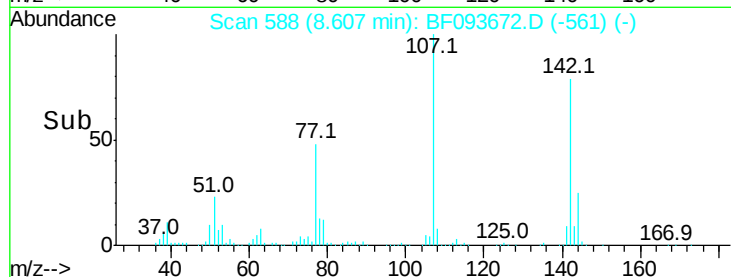
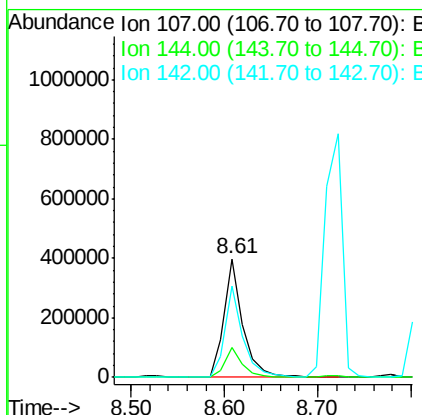
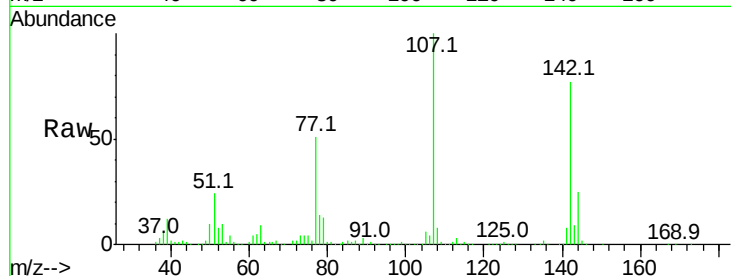




#36
 4-Chloro-3-methylphenol
 Concen: 51.07 ng
 RT: 8.61 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

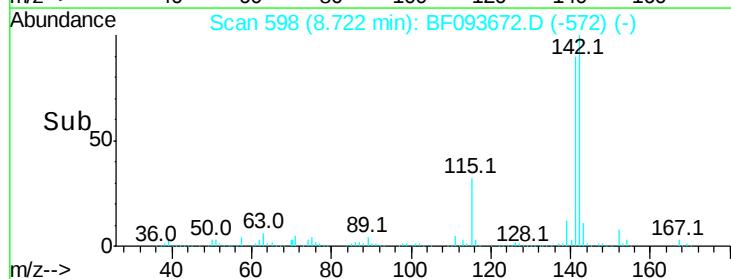
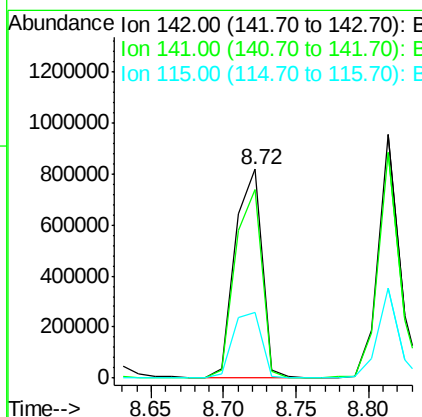
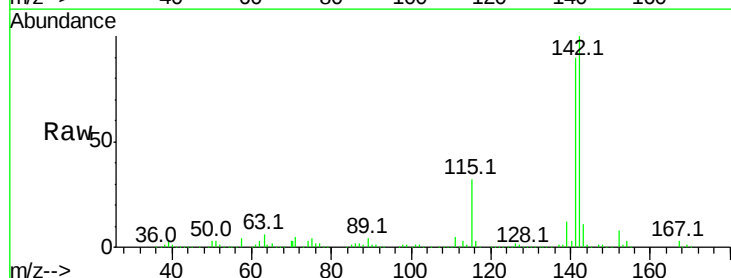
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

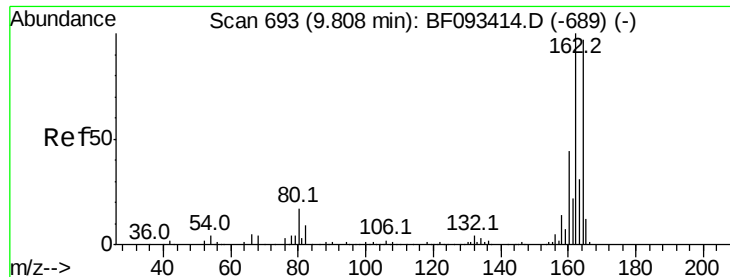
Tot Ion:107 Resp: 556630
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.3 28.9
 142 77.3 59.0 88.6



#37
 2-Methylnaphthalene
 Concen: 45.89 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:142 Resp: 1056326
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 31.6 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: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

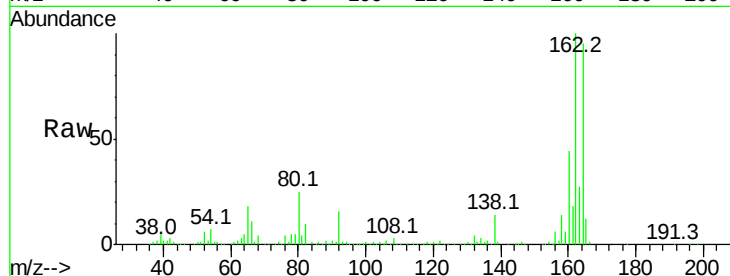
Tot Ion:164 Resp: 327067

Ion Ratio Lower Upper

164 100

162 105.2 80.2 120.2

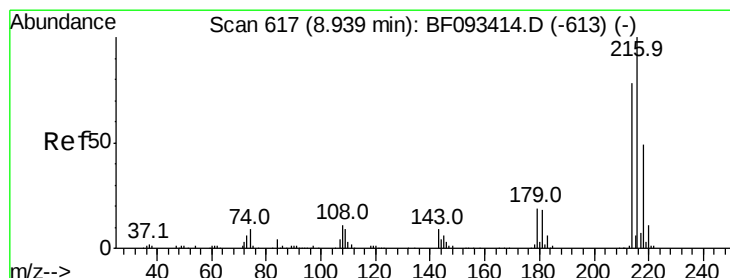
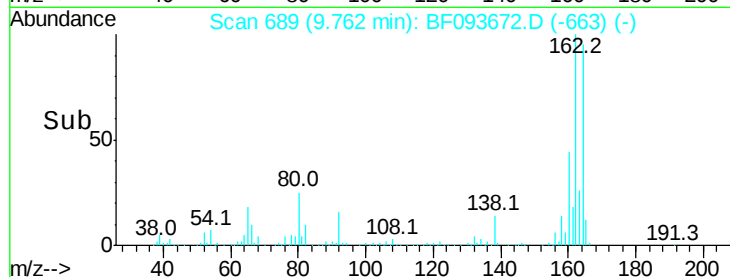
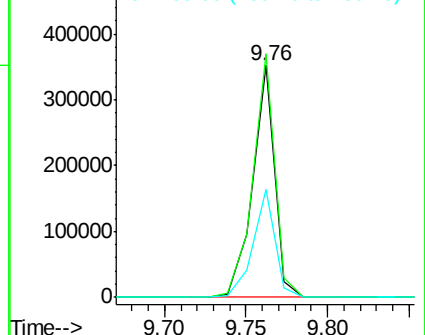
160 46.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.45 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion:216 Resp: 477322

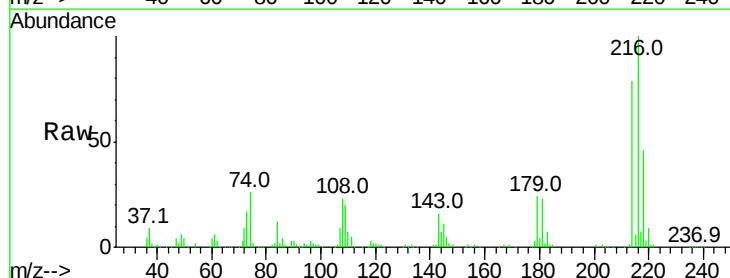
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.0

179 21.9 17.4 26.2

108 20.4 15.6 23.4

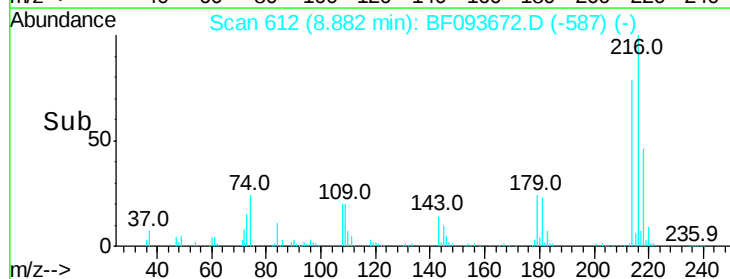
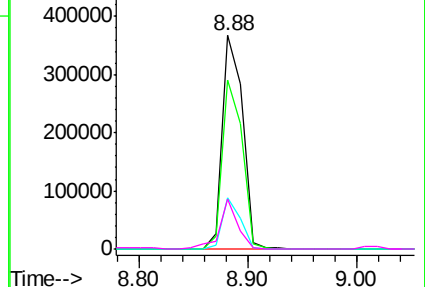


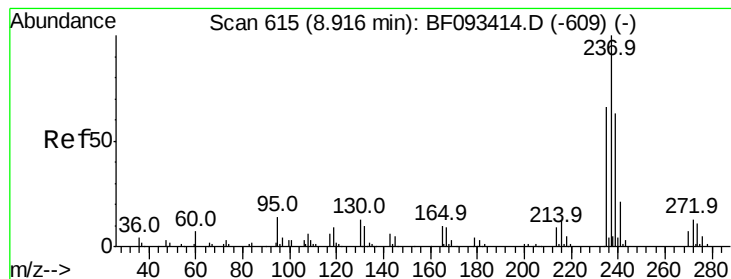
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 95.63 ng

RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

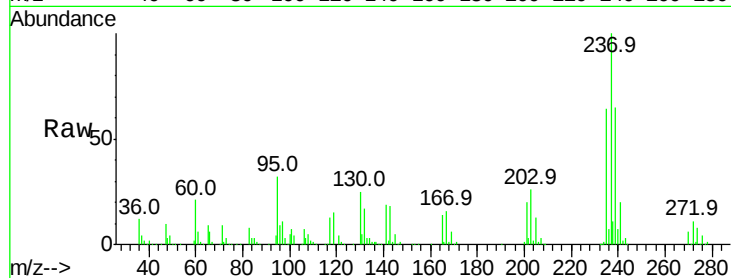
Tot Ion:237 Resp: 221768

Ion Ratio Lower Upper

237 100

235 64.0 41.2 81.2

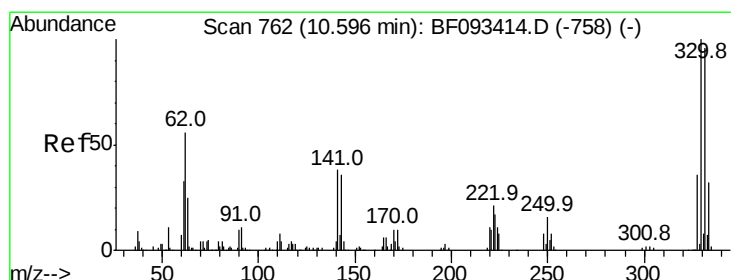
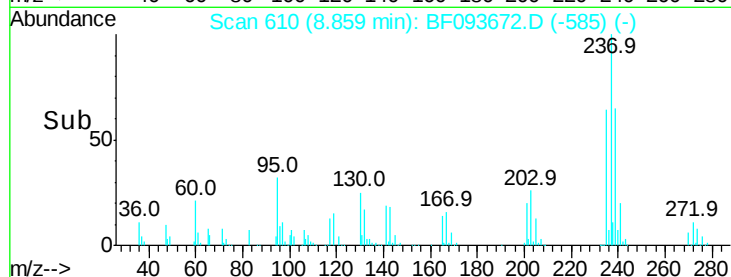
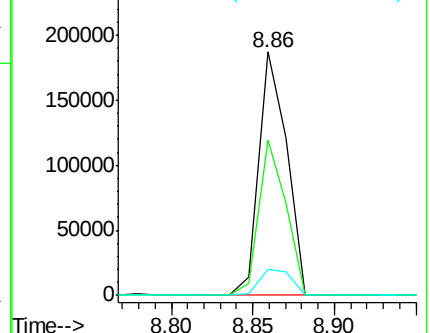
272 10.6 0.0 35.4



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: 151.31 ng

RT: 10.56 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

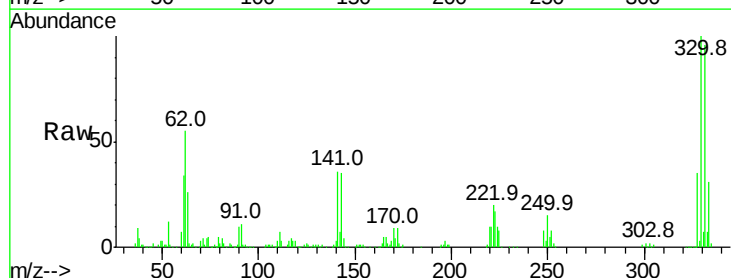
Tgt Ion:330 Resp: 322419

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.2

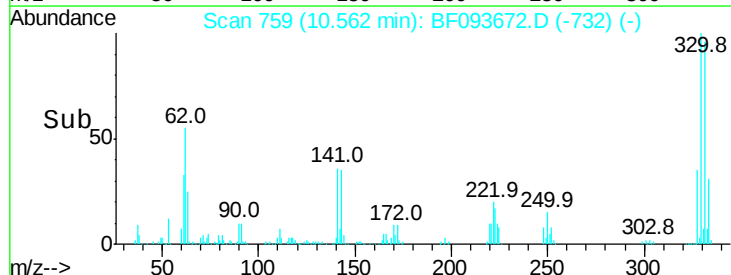
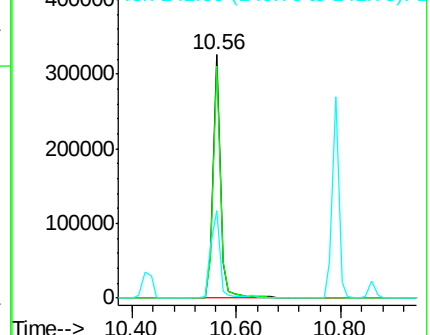
141 43.9 34.1 51.1

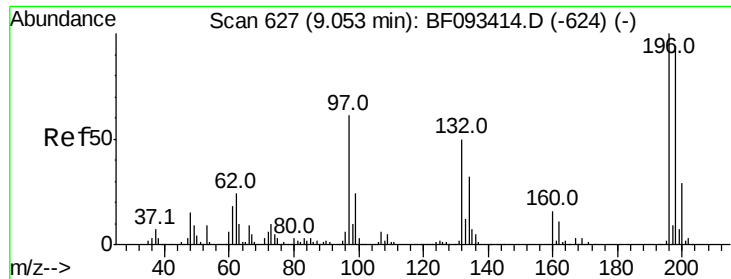


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 59.85 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

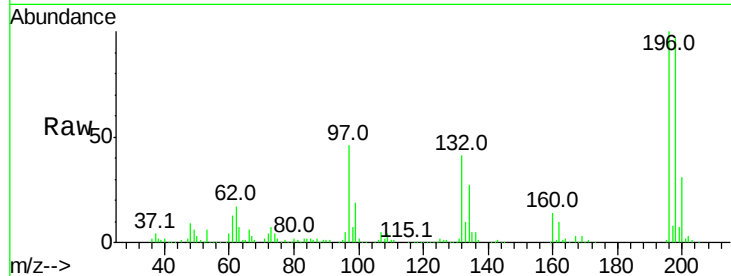
Tot Ion:196 Resp: 333984

Ion Ratio Lower Upper

196 100

198 97.0 82.1 123.1

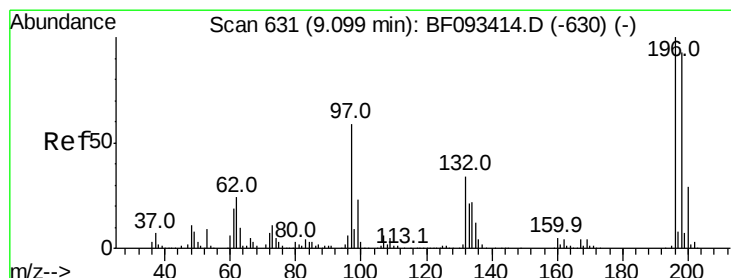
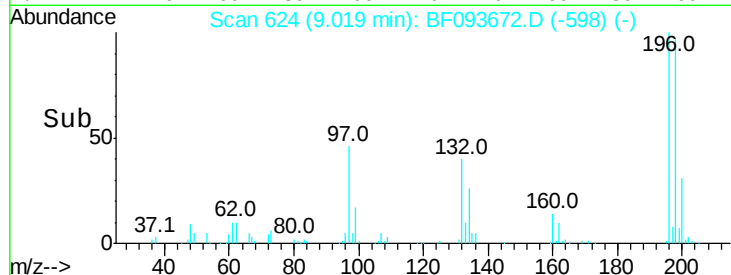
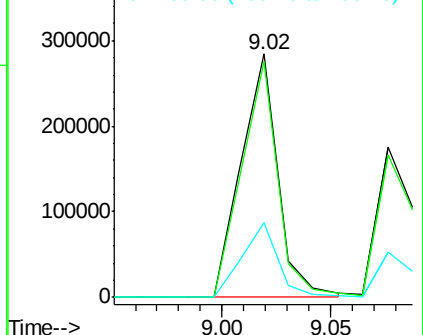
200 30.9 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 50.17 ng

RT: 9.08 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion:196 Resp: 300380

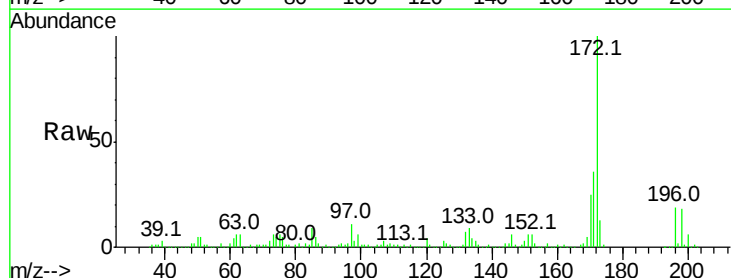
Ion Ratio Lower Upper

196 100

198 95.0 79.4 119.2

97 56.1 51.5 77.3

132 34.7 27.4 41.2

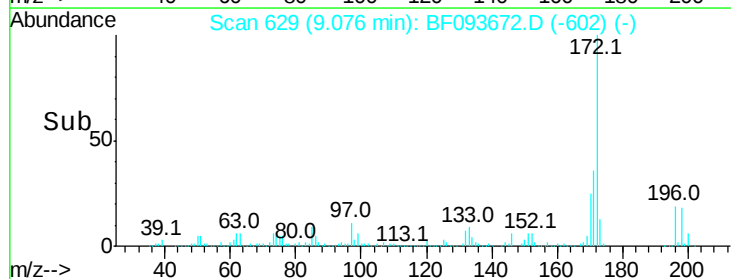
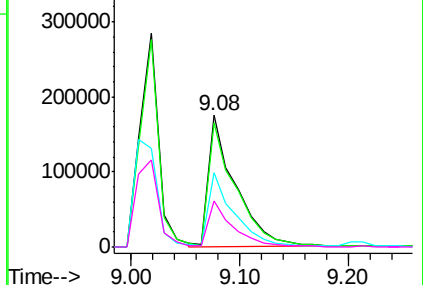


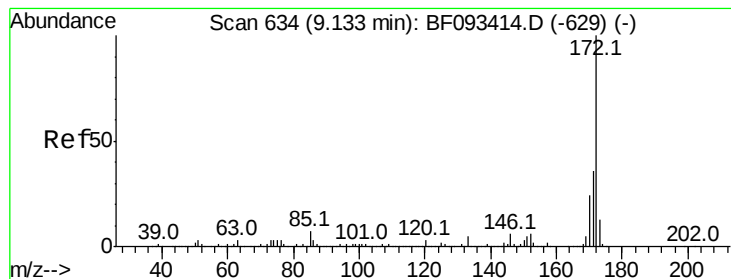
Abundance Ion 196.00 (195.70 to 196.70): E

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: 96.65 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

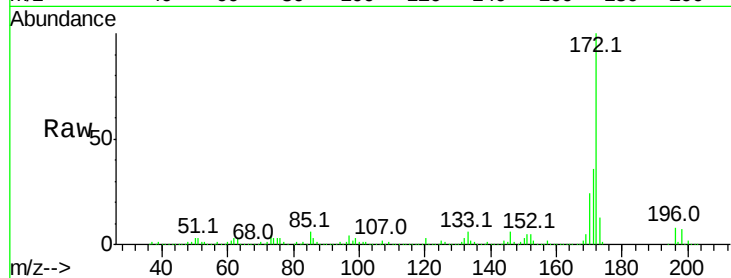
Tot Ion:172 Resp: 1699409

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

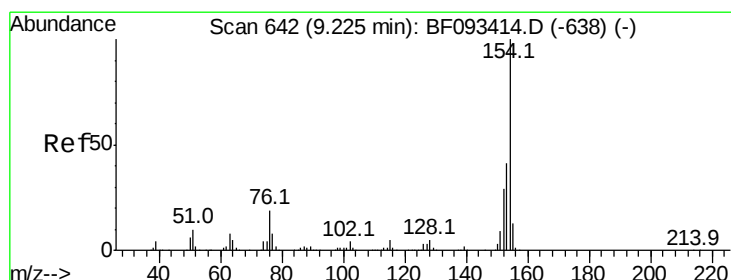
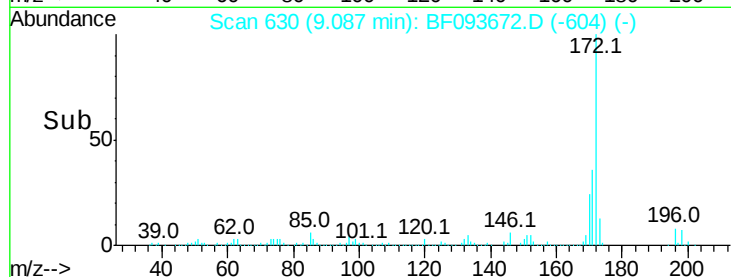
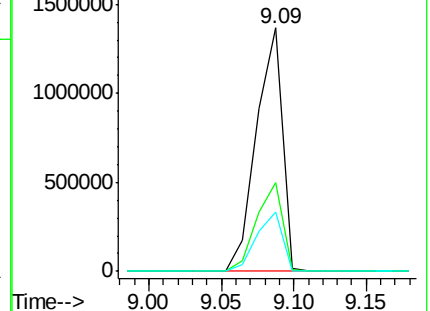
170 24.5 20.2 30.4



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: 52.66 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

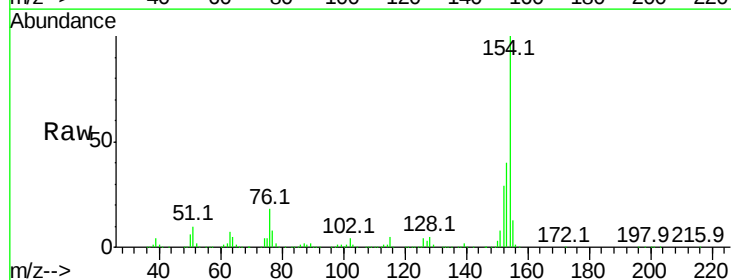
Tgt Ion:154 Resp: 1254571

Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

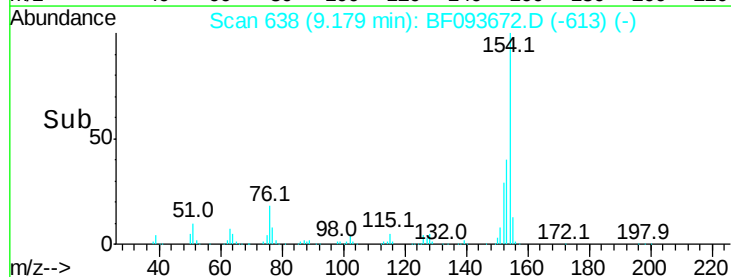
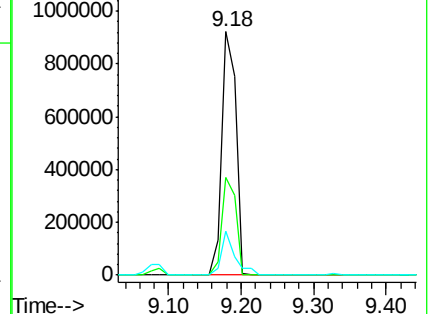
76 18.2 0.0 30.5

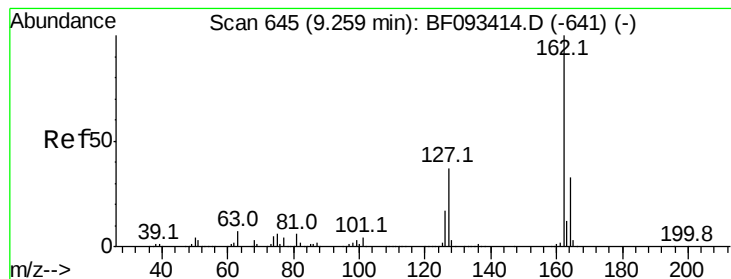


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

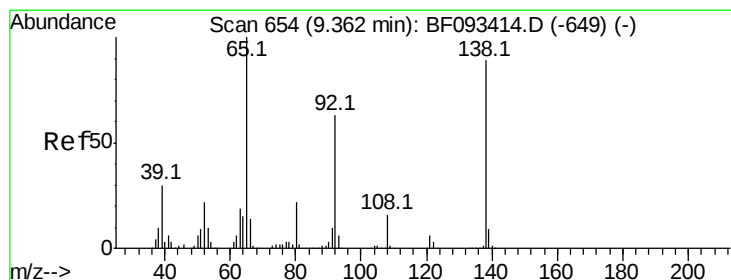
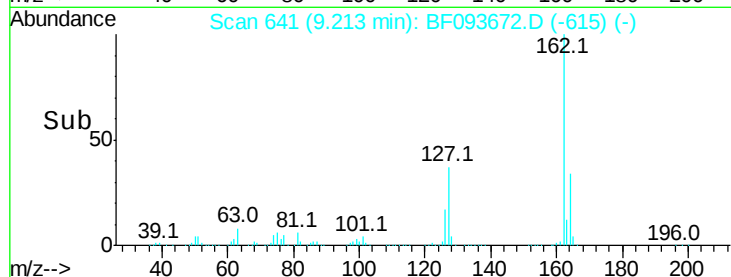
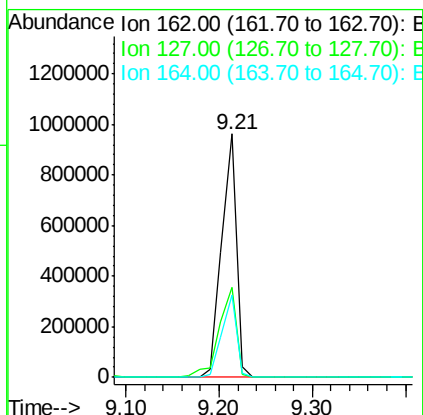
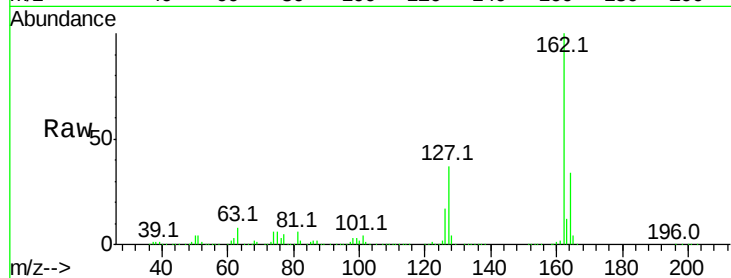




#46
2-Chloronaphthalene
Concen: 58.05 ng
RT: 9.21 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

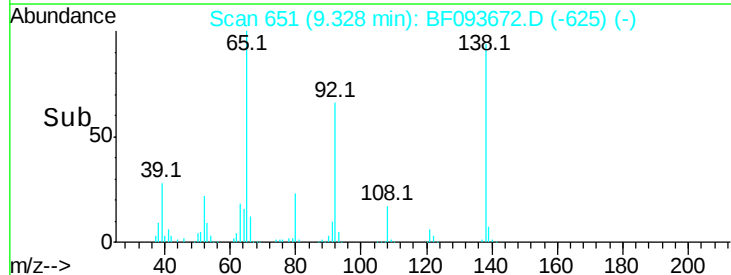
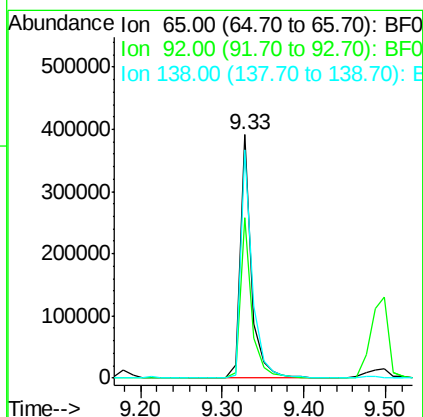
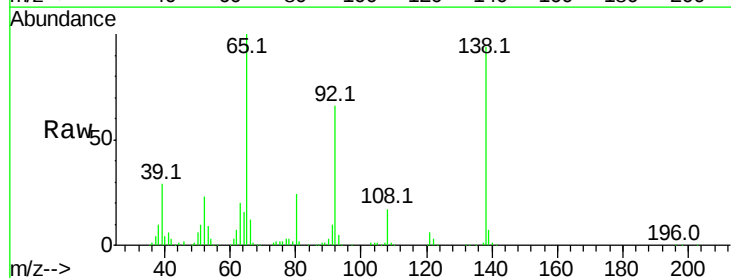
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

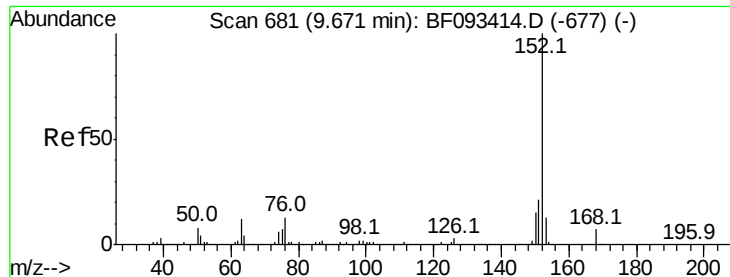
Tot Ion:162 Resp: 1058704
Ion Ratio Lower Upper
162 100
127 37.0 30.7 46.1
164 34.0 27.6 41.4



#47
2-Nitroaniline
Concen: 58.35 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion: 65 Resp: 376164
Ion Ratio Lower Upper
65 100
92 65.7 53.9 80.9
138 93.9 76.8 115.2





#48

Acenaphthylene

Concen: 52.92 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

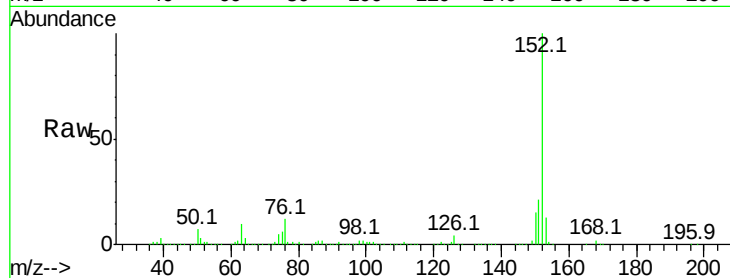
Tot Ion:152 Resp: 1591773

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

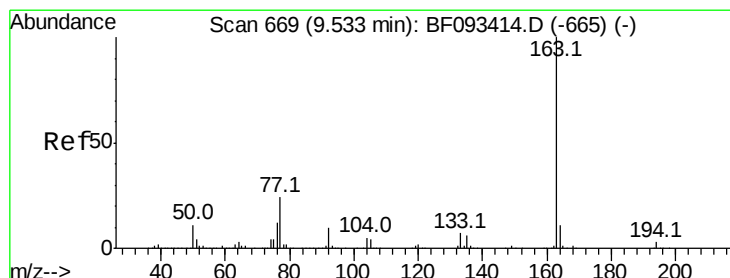
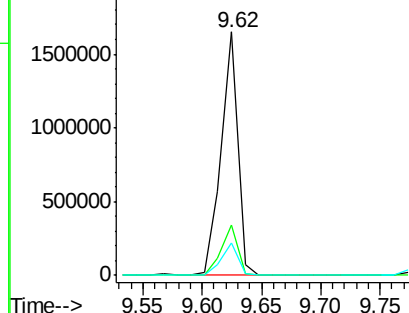
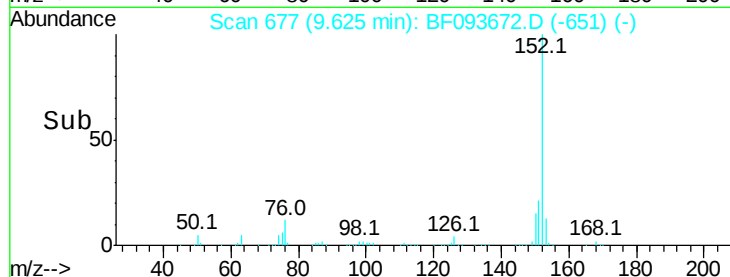
153 13.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 67.56 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

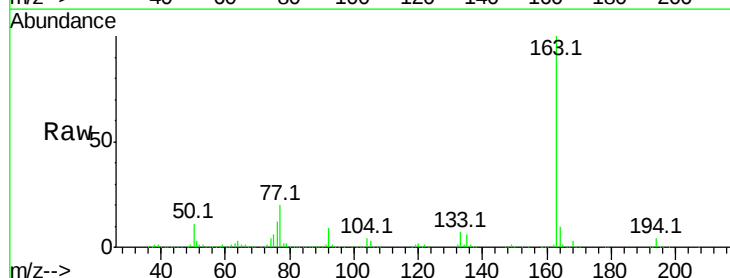
Tgt Ion:163 Resp: 1464842

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

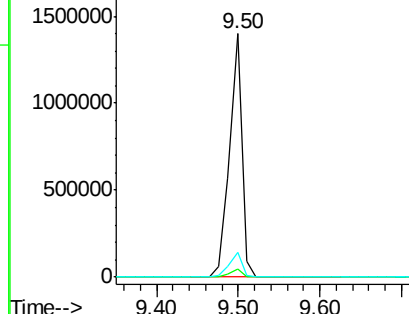
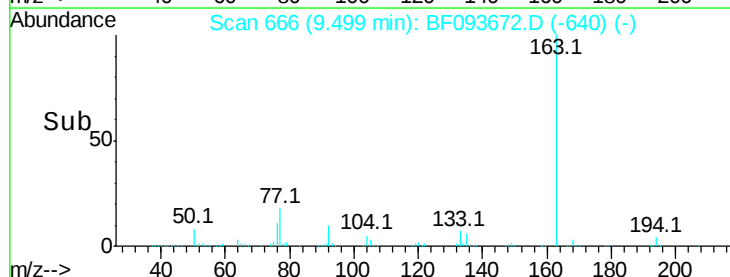
164 10.2 8.0 12.0

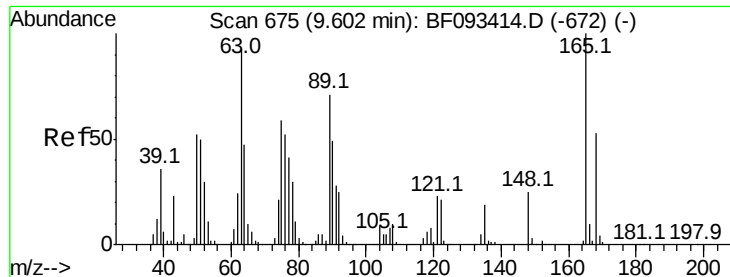


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

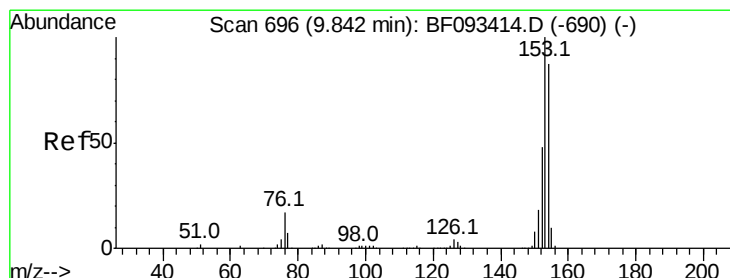
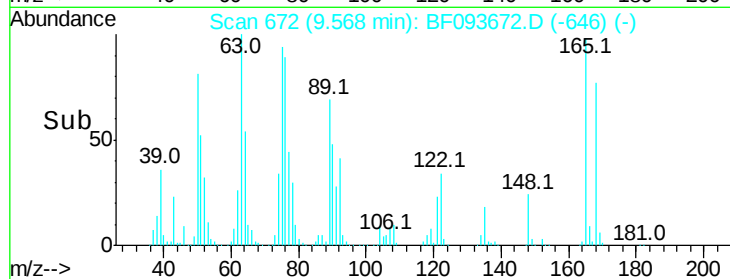
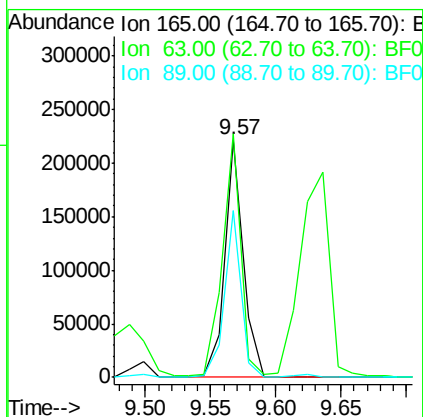
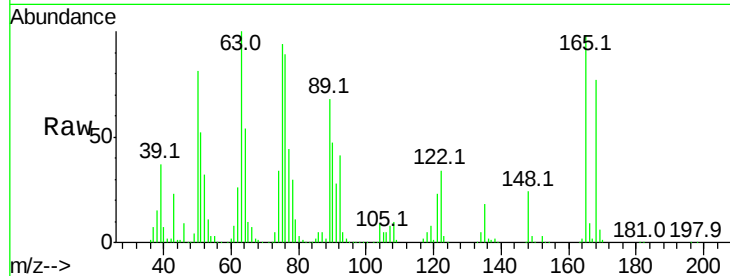




#50
2,6-Dinitrotoluene
Concen: 46.23 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

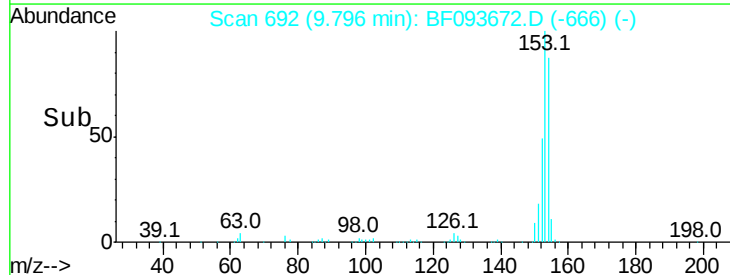
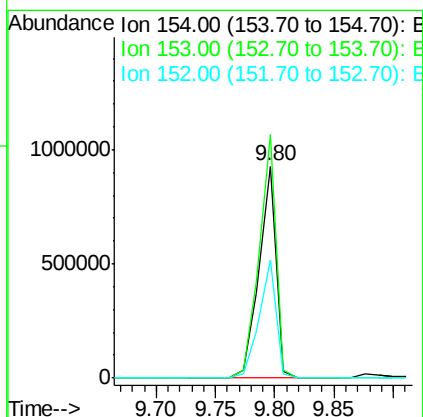
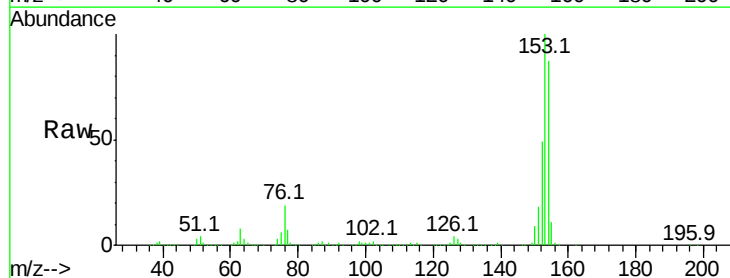
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

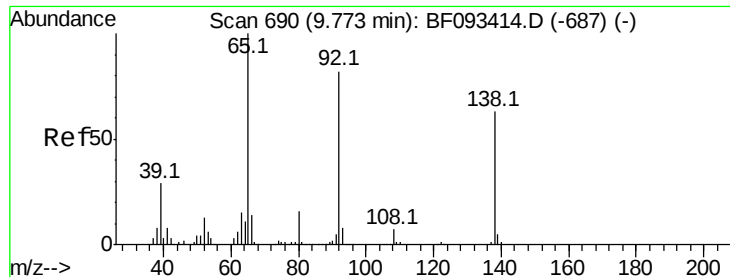
Tot Ion:165 Resp: 219943
Ion Ratio Lower Upper
165 100
63 102.4 36.2 54.4#
89 70.1 40.2 60.4#



#51
Acenaphthene
Concen: 52.87 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:154 Resp: 940358
Ion Ratio Lower Upper
154 100
153 114.8 88.6 133.0
152 55.9 41.6 62.4





#52

3-Nitroaniline

Concen: 33.36 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

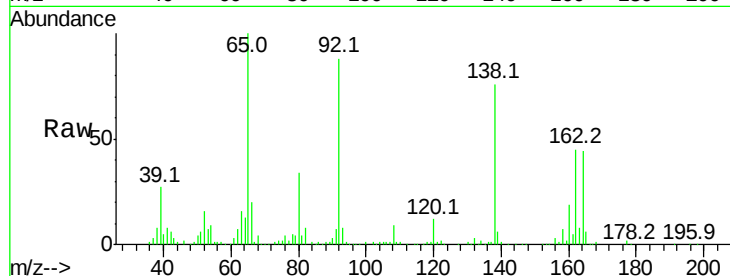
Tot Ion:138 Resp: 190661

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

92 115.3 97.8 146.8

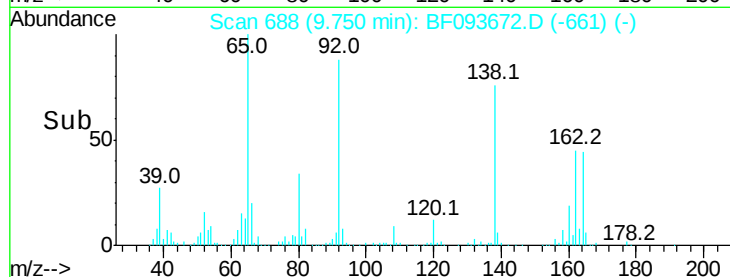


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->



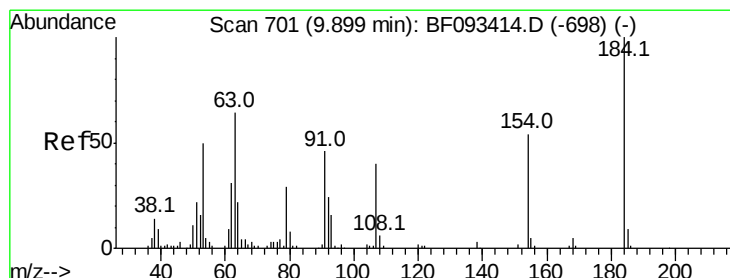
Abundance

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): E

Time-->



#53

2,4-Dinitrophenol

Concen: 50.52 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

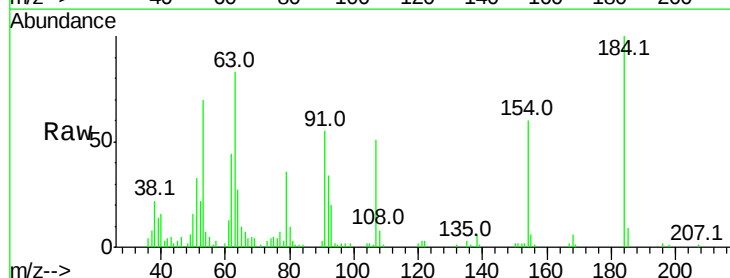
Tgt Ion:184 Resp: 109458

Ion Ratio Lower Upper

184 100

63 82.7 28.4 42.6#

154 60.3 44.3 66.5

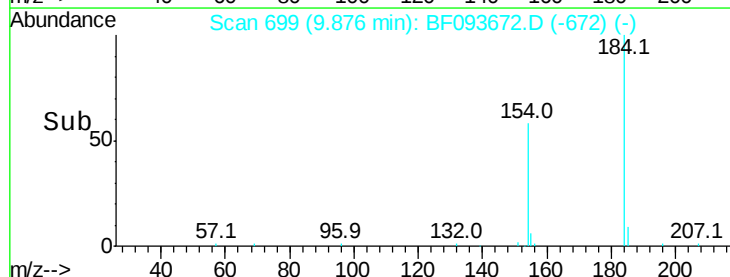


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

Time-->



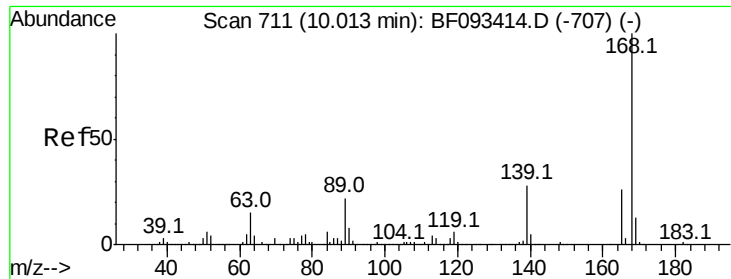
Abundance

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

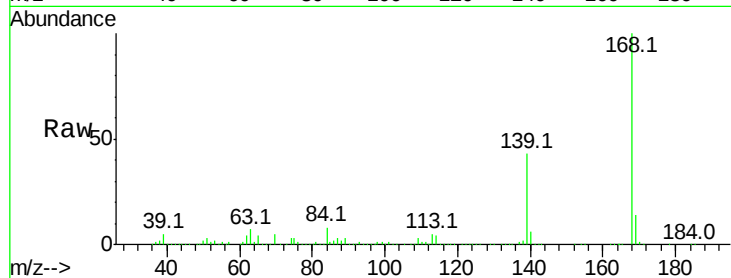
Time-->



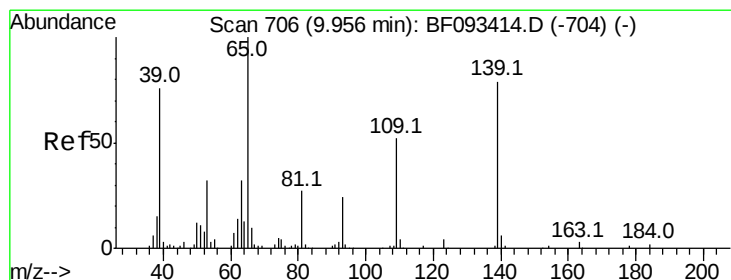
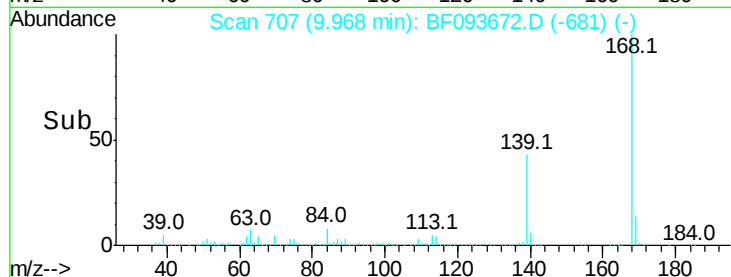
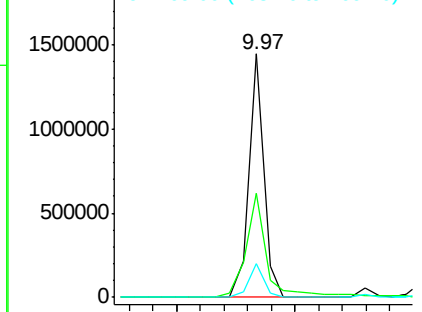
#54
Dibenzofuran
Concen: 57.20 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

Tot Ion:168 Resp: 1273293
Ion Ratio Lower Upper
168 100
139 42.5 32.6 49.0
169 13.9 11.3 16.9

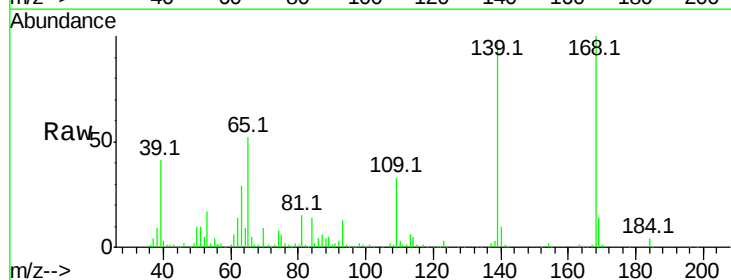


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

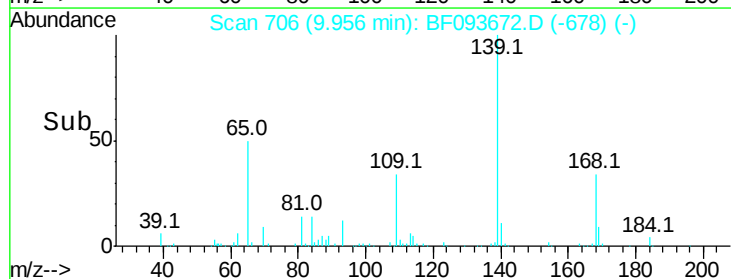
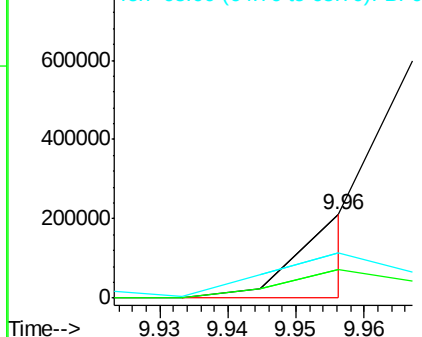


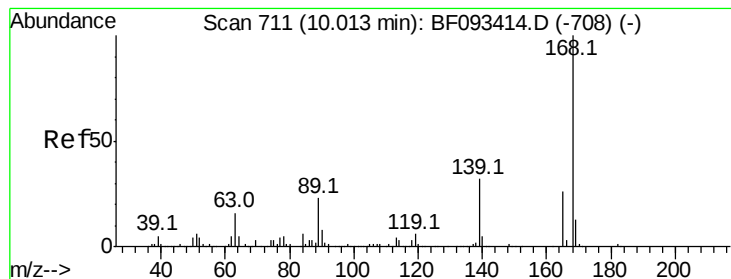
#55
4-Nitrophenol
Concen: 57.74 ng m
RT: 9.96 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:139 Resp: 160315
Ion Ratio Lower Upper
139 100
109 34.4 52.2 92.2#
65 54.0 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: 60.08 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

Tot Ion:165 Resp: 351195

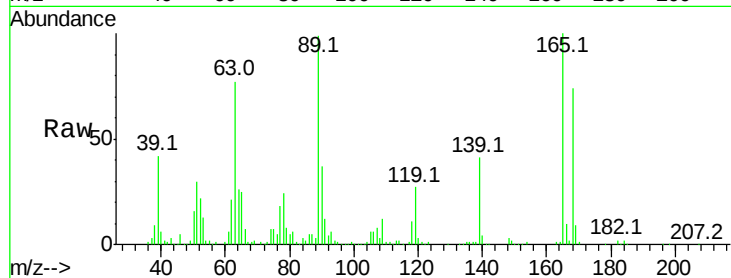
Ion Ratio Lower Upper

165 100

63 77.5 40.2 60.4#

89 99.4 62.5 93.7#

182 2.2 1.8 2.8

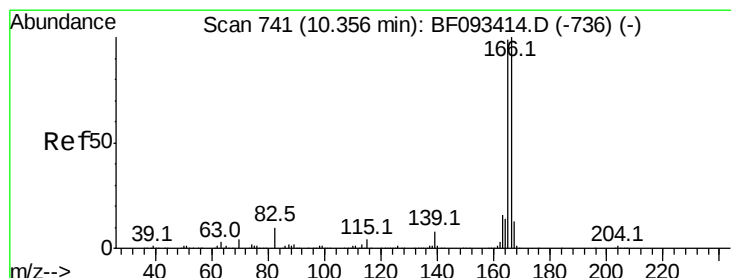
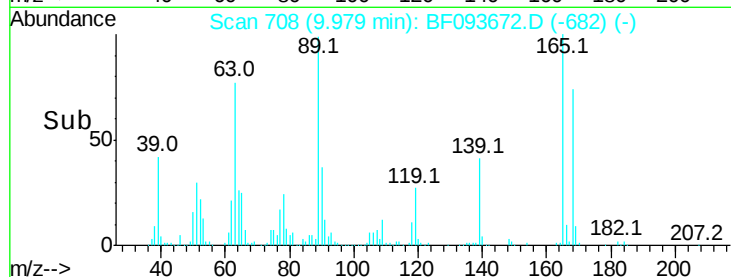
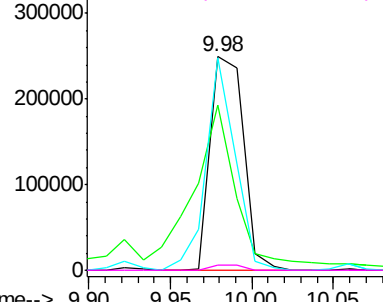


Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.62 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

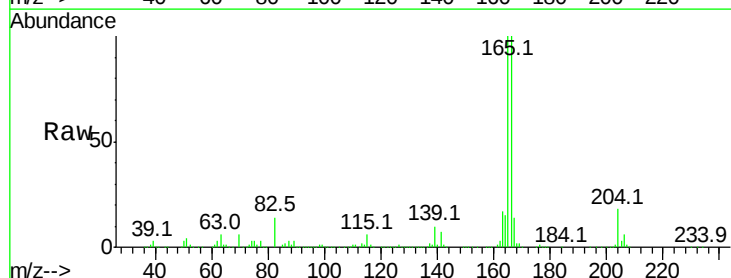
Tgt Ion:166 Resp: 955003

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

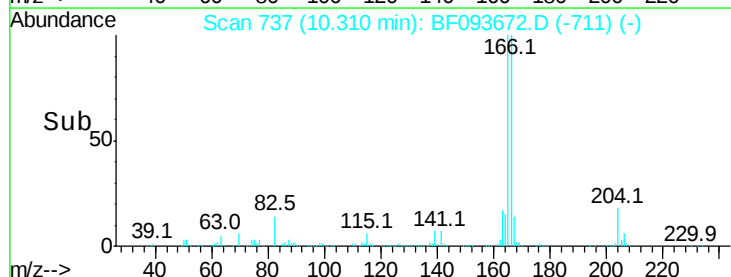
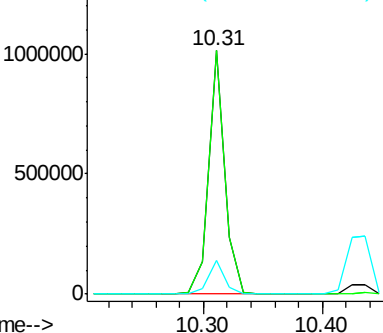
167 13.8 10.8 16.2

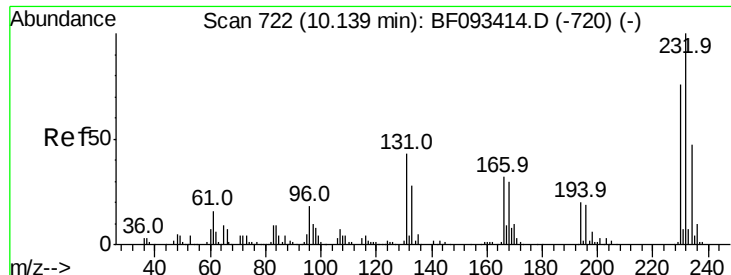


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

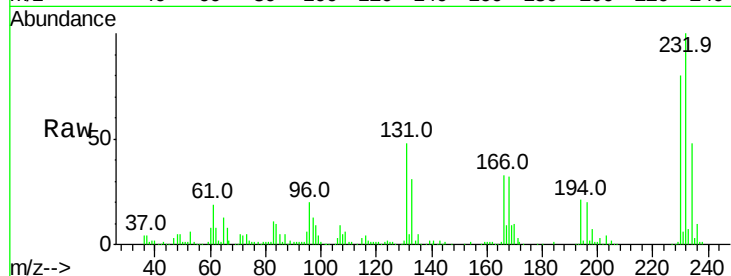




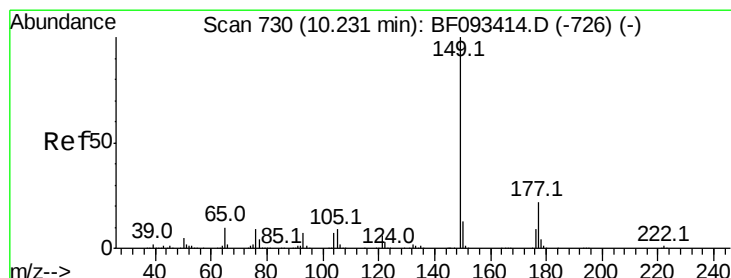
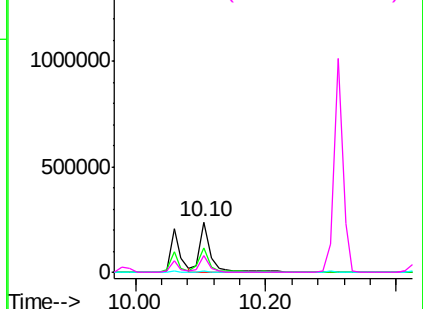
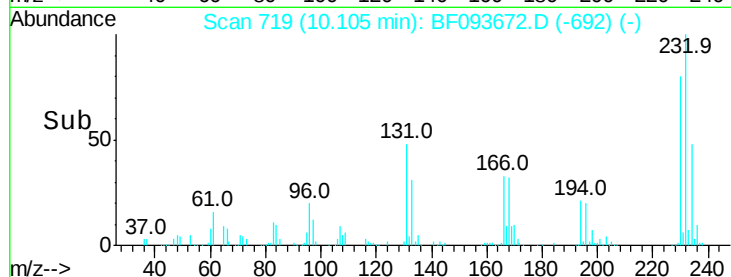
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 64.33 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Tot Ion:	232	Resp:	271806
Ion	Ratio	Lower	Upper
232	100		
131	43.7	40.1	60.1
130	2.4	1.8	2.8
166	28.9	26.6	39.8

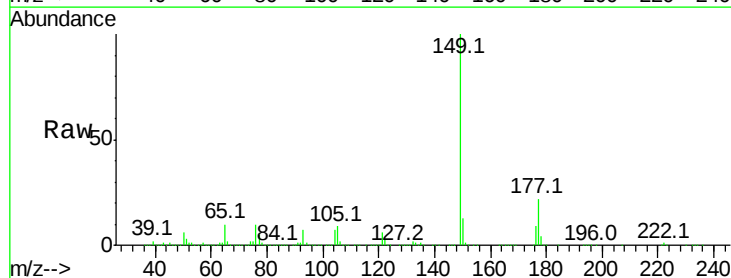


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

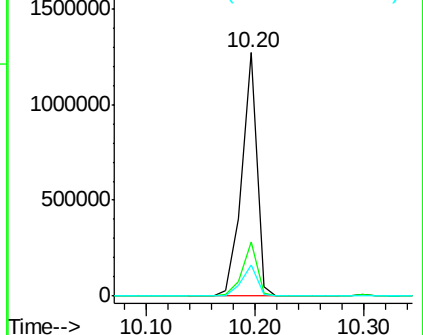
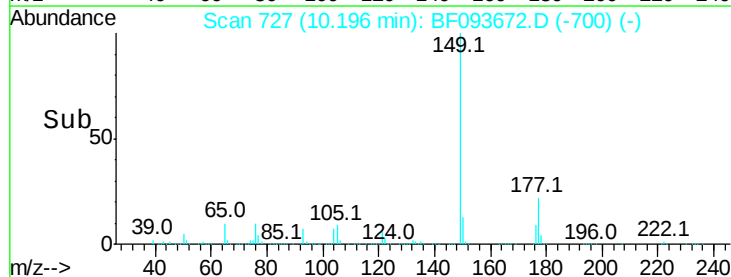


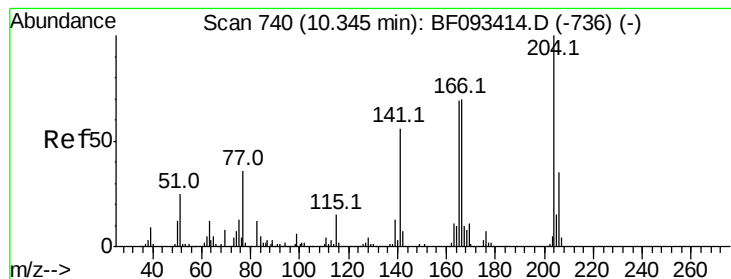
#59
 Diethylphthalate
 Concen: 58.35 ng
 RT: 10.20 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:	149	Resp:	1209151
Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.6	25.0
150	12.5	10.4	15.6



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





#60

4-Chlorophenyl-phenylether

Concen: 51.57 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

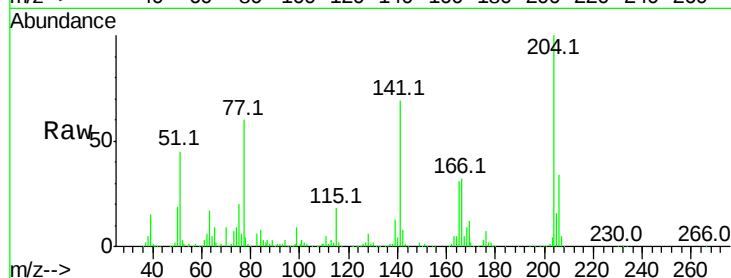
Tot Ion:204 Resp: 436073

Ion Ratio Lower Upper

204 100

206 34.4 25.8 38.6

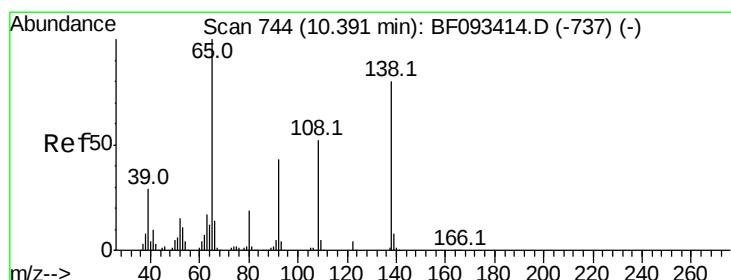
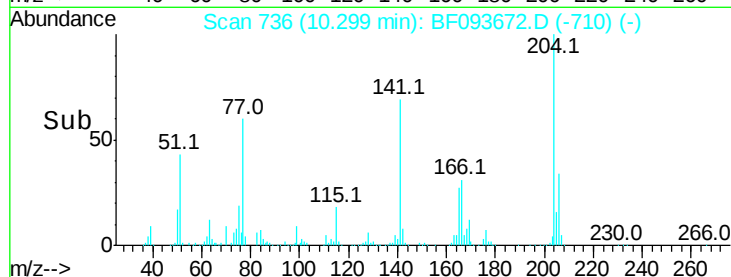
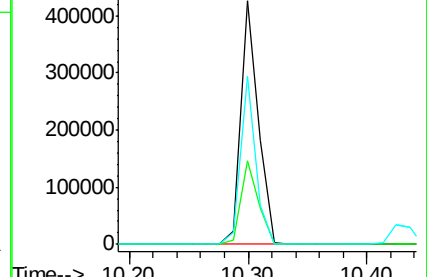
141 69.3 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 41.98 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

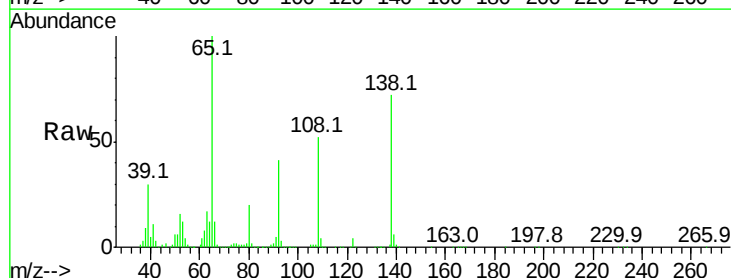
Tgt Ion:138 Resp: 245415

Ion Ratio Lower Upper

138 100

92 57.2 31.7 71.7

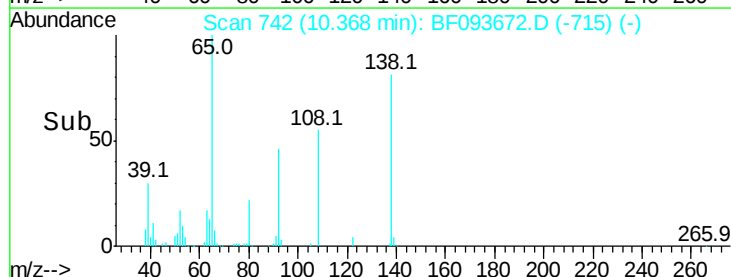
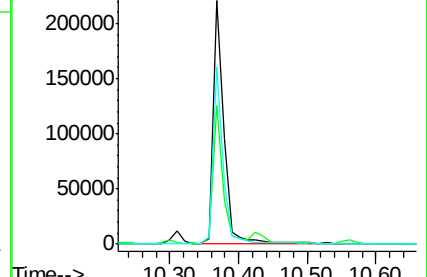
108 72.7 52.6 92.6

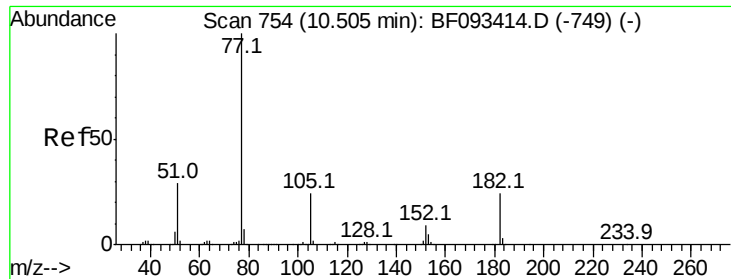


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 57.41 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

Tot Ion: 77 Resp: 1351797

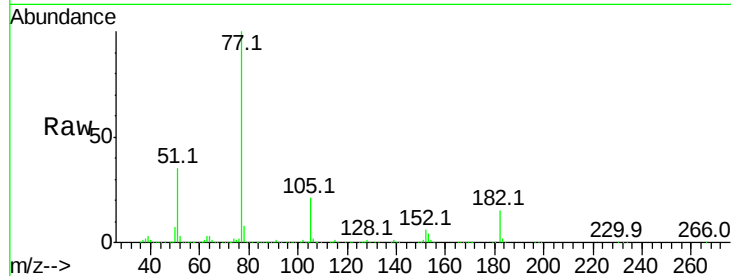
Ion	Ratio	Lower	Upper
77	100		
182	15.5	0.0	39.3
105	21.0	2.3	42.3
51	34.6	8.9	48.9

77 100

182 15.5 0.0 39.3

105 21.0 2.3 42.3

51 34.6 8.9 48.9

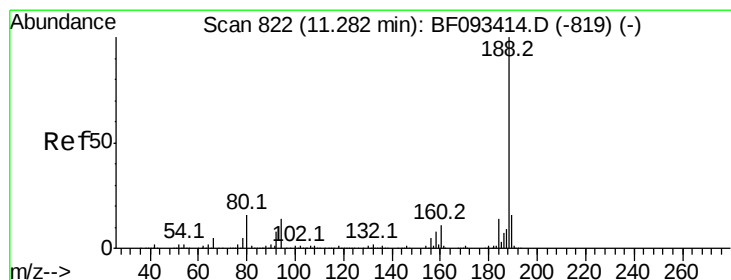
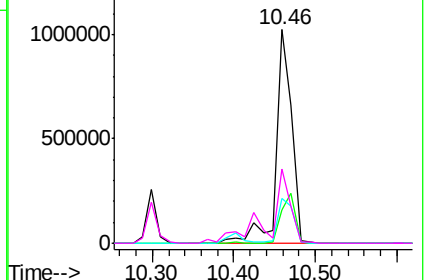
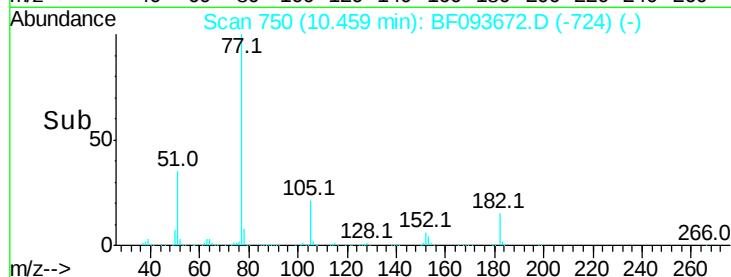


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

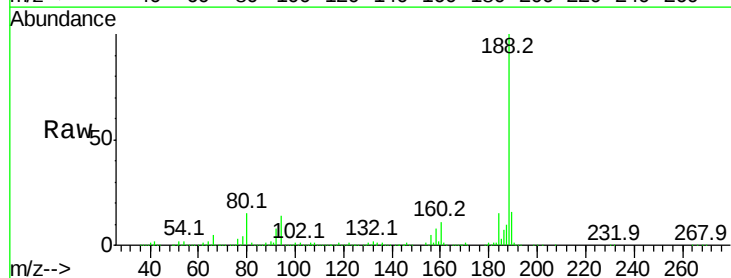
Tgt Ion: 188 Resp: 582795

Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.0	15.0
80	15.0	11.2	16.8

188 100

94 13.6 10.0 15.0

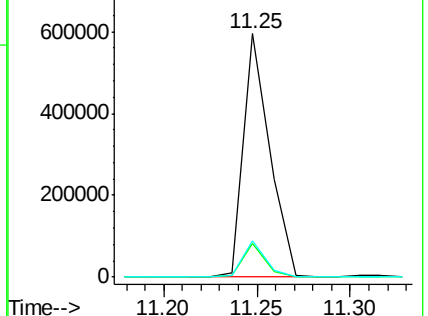
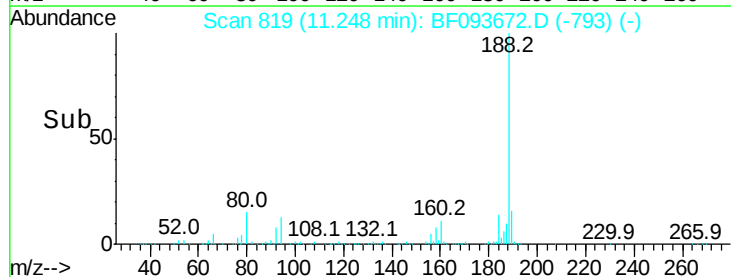
80 15.0 11.2 16.8

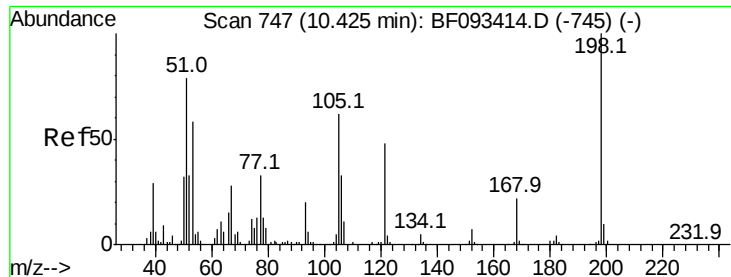


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 40.25 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

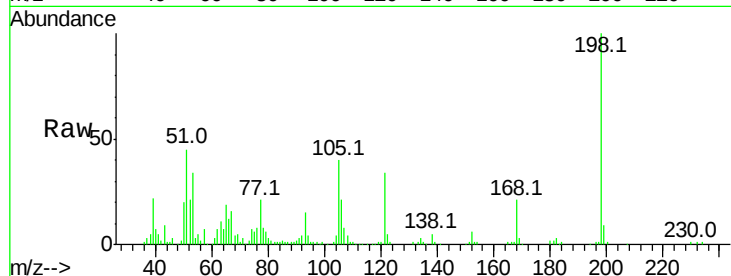
Tot Ion:198 Resp: 151984

Ion Ratio Lower Upper

198 100

51 44.8 6.7 46.7

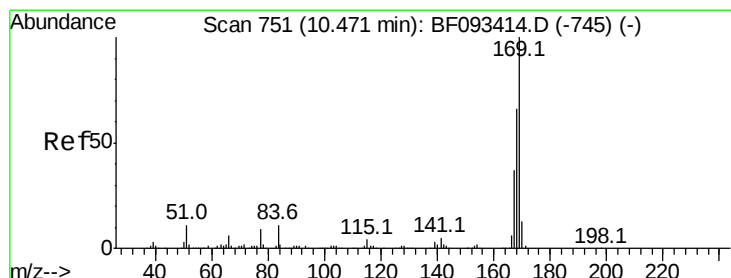
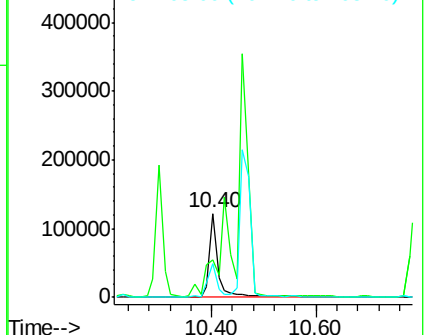
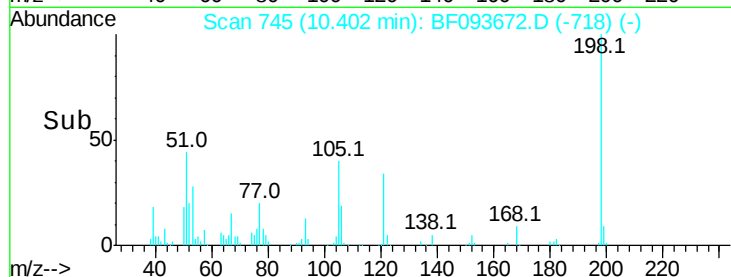
105 40.0 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 47.18 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

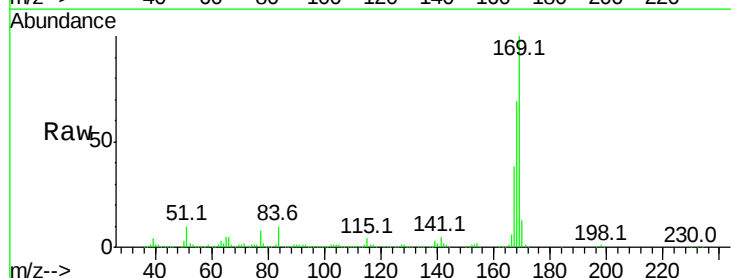
Tgt Ion:169 Resp: 918092

Ion Ratio Lower Upper

169 100

168 68.9 54.2 81.2

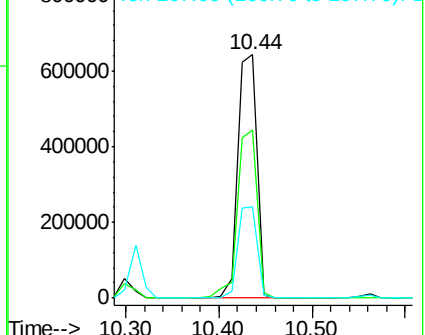
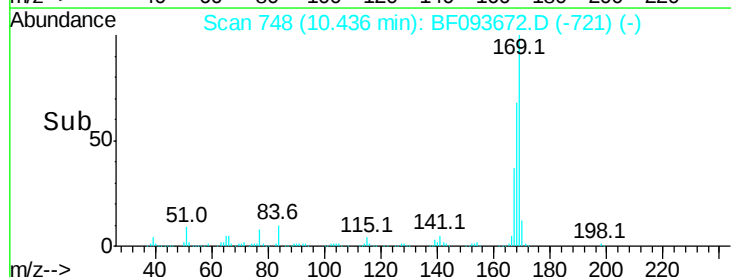
167 37.6 30.2 45.4

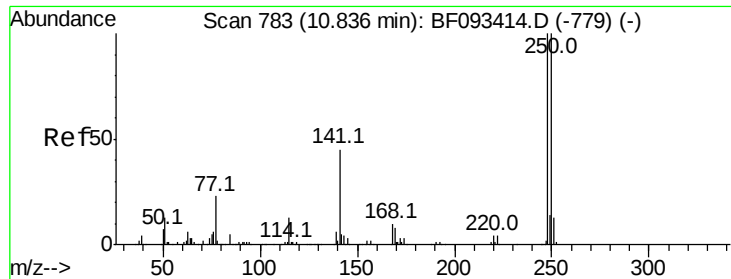


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

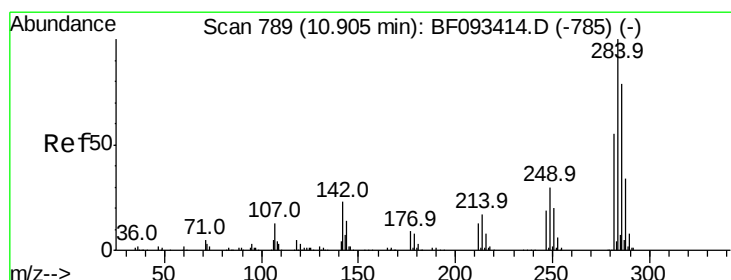
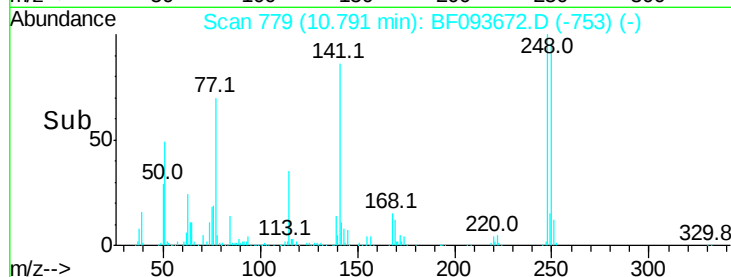
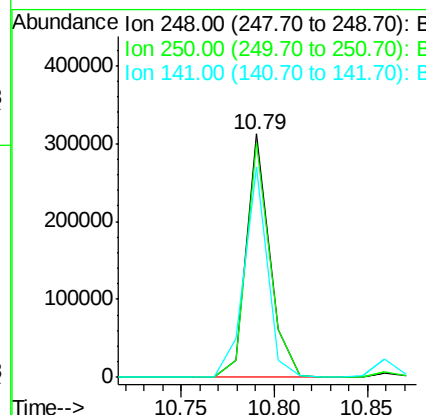
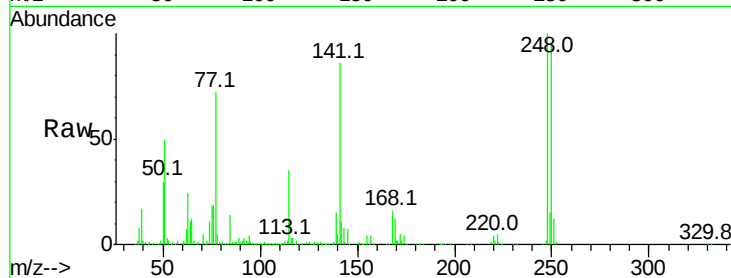




#66
4-Bromophenyl-phenylether
Concen: 44.38 ng
RT: 10.79 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

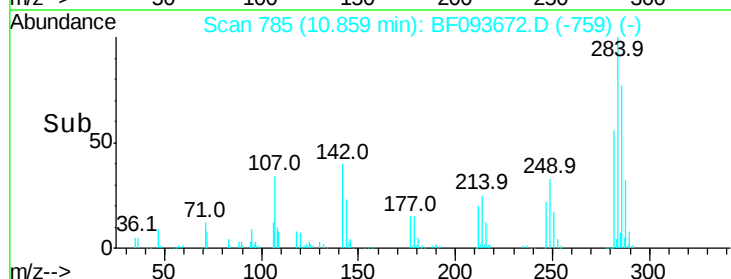
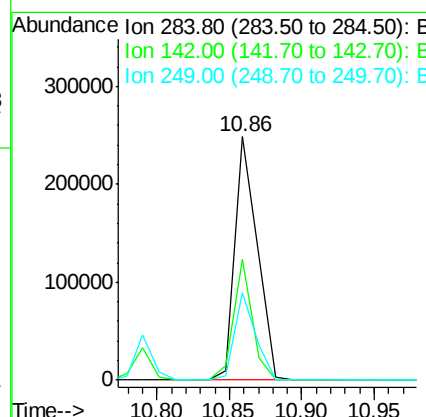
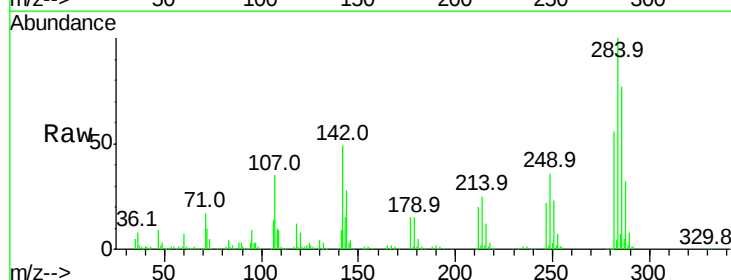
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

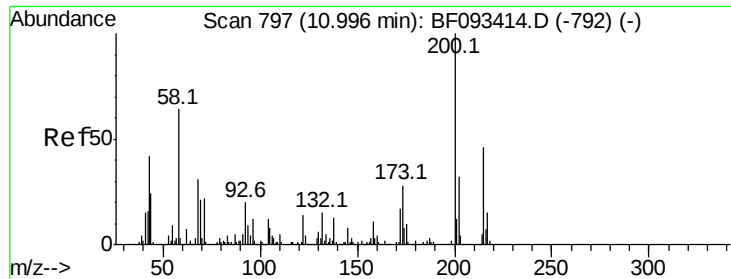
Tot Ion:248 Resp: 273490
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 86.4 68.2 102.4



#67
Hexachlorobenzene
Concen: 45.26 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:284 Resp: 266352
Ion Ratio Lower Upper
284 100
142 49.4 22.6 33.8#
249 36.1 25.4 38.0

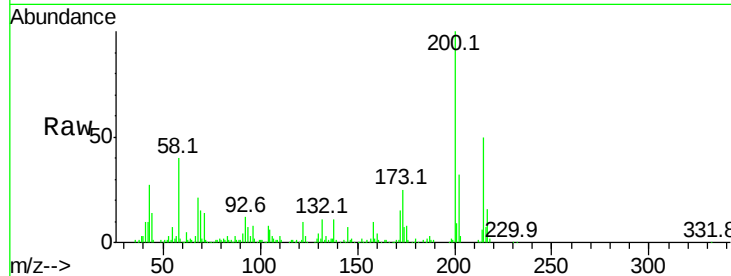




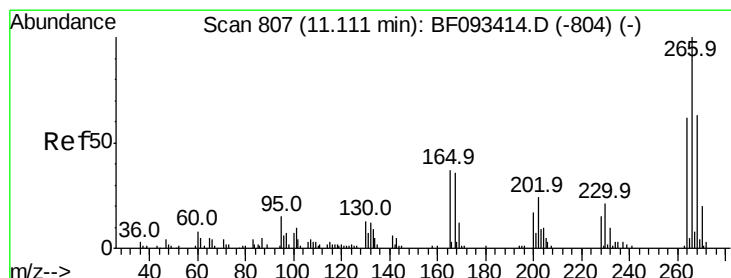
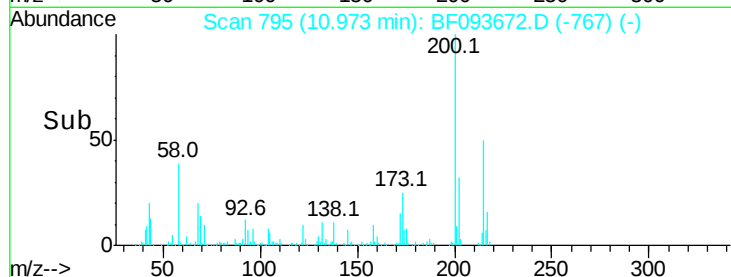
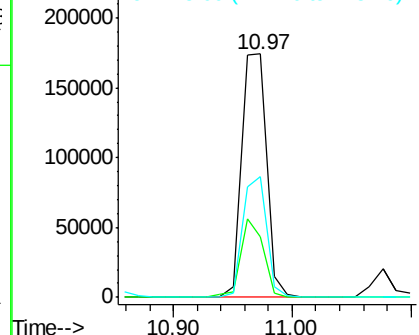
#68
Atrazine
Concen: 45.11 ng
RT: 10.97 min Scan# 795
Delta R.T. 0.02 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	9.6	49.6
215	49.7	25.7	65.7

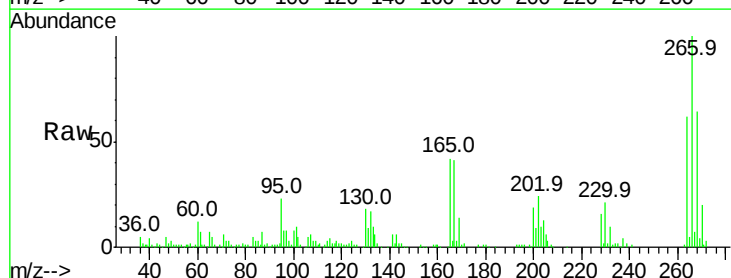


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

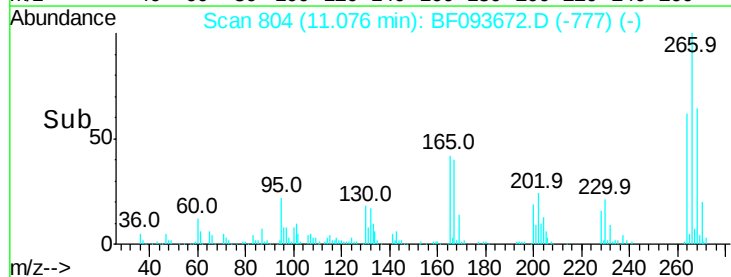
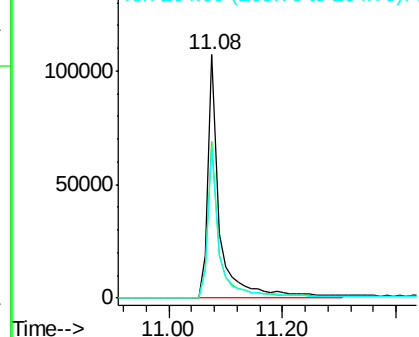


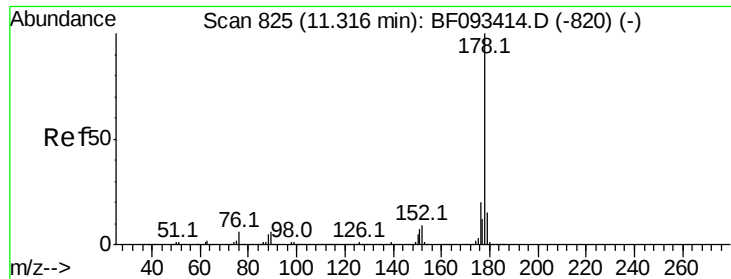
#69
Pentachlorophenol
Concen: 75.16 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	53.3	79.9
264	62.5	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

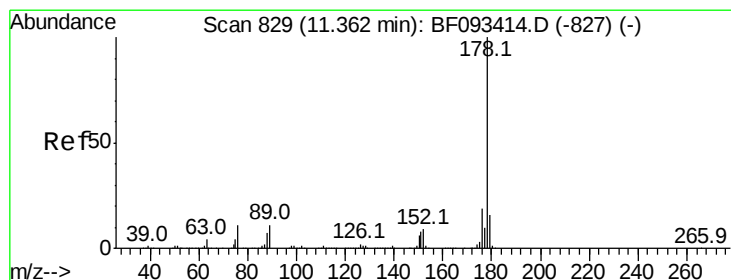
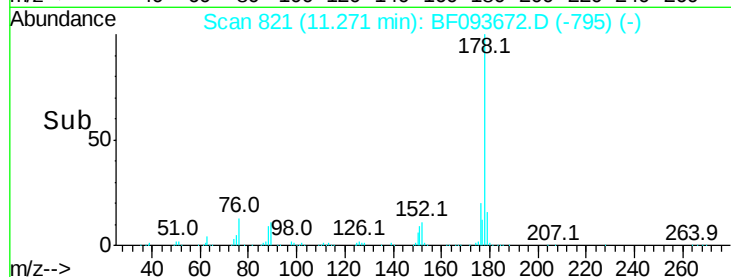
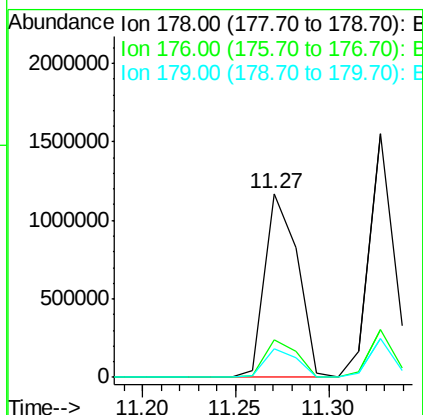
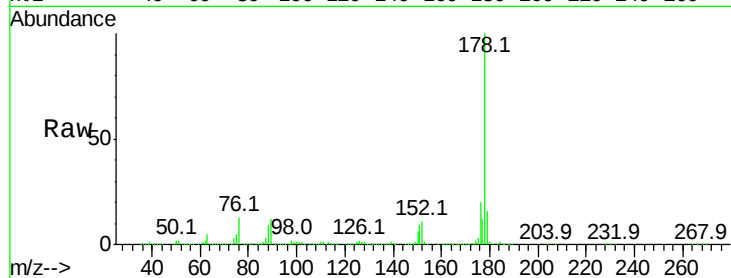




#70
Phenanthrene
Concen: 42.56 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

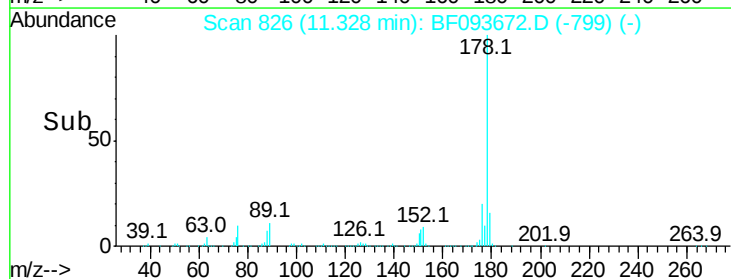
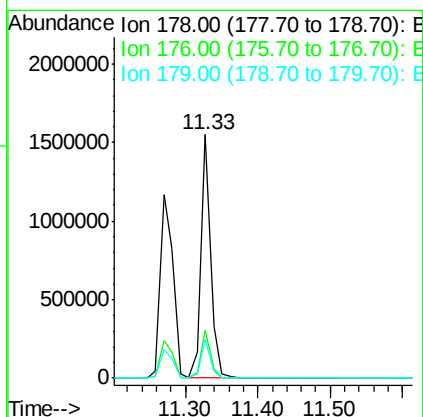
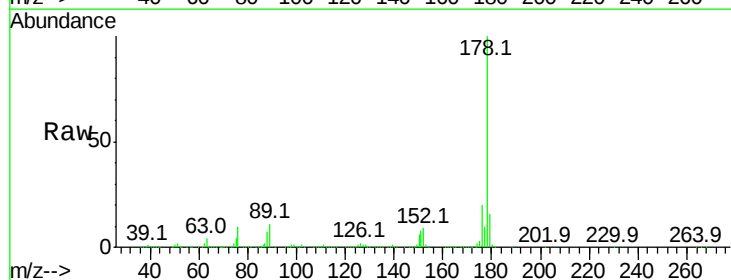
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

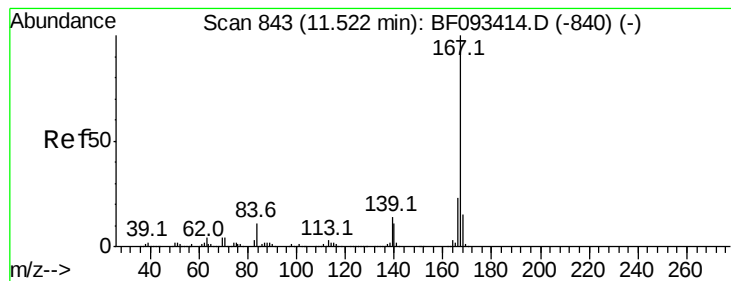
Tot Ion:178 Resp: 1415955
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 15.7 12.8 19.2



#71
Anthracene
Concen: 42.79 ng
RT: 11.33 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:178 Resp: 1439912
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.0 13.2 19.8





#72

Carbazole

Concen: 45.07 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

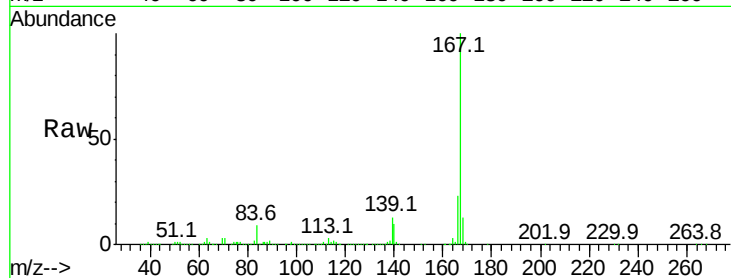
Tot Ion:167 Resp: 1424745

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

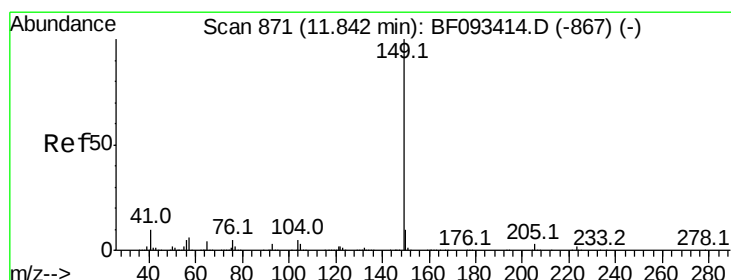
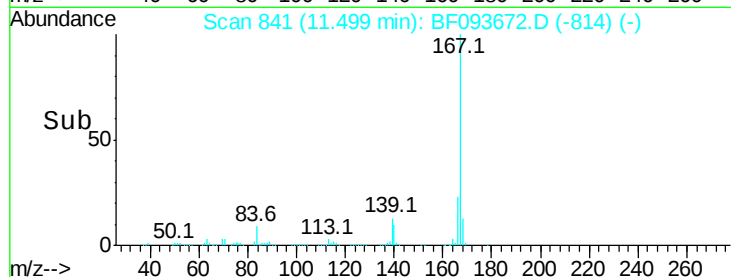
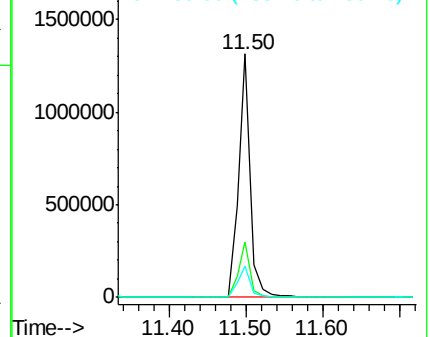
139 12.5 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 46.43 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

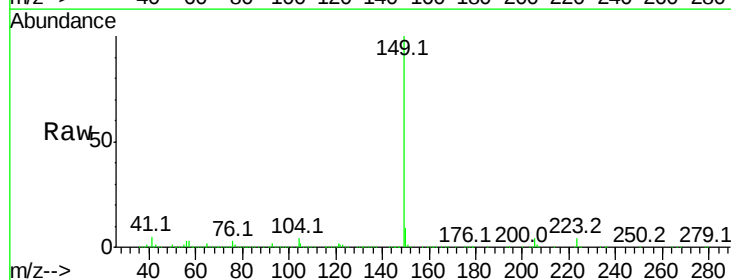
Tgt Ion:149 Resp: 1698132

Ion Ratio Lower Upper

149 100

150 8.8 8.1 12.1

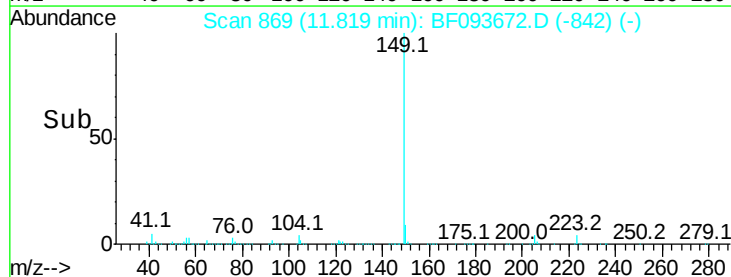
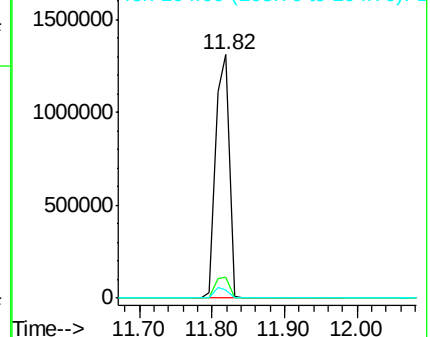
104 3.6 4.6 7.0#

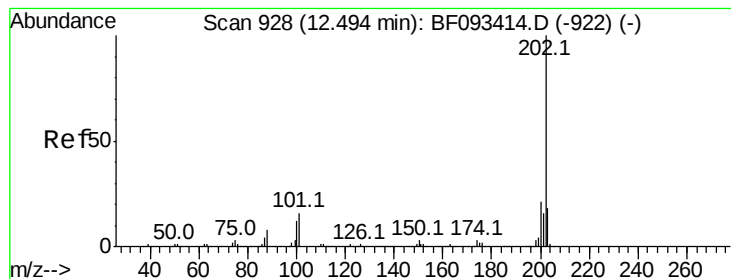


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 42.40 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

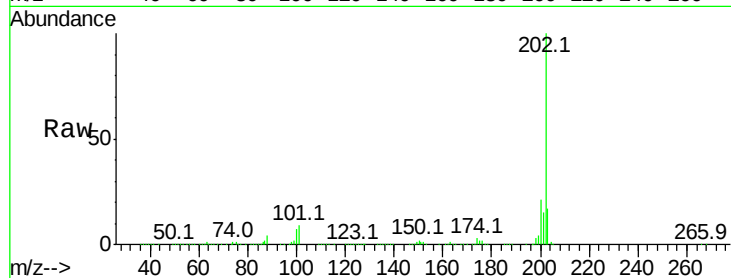
Tot Ion:202 Resp: 1362316

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.6

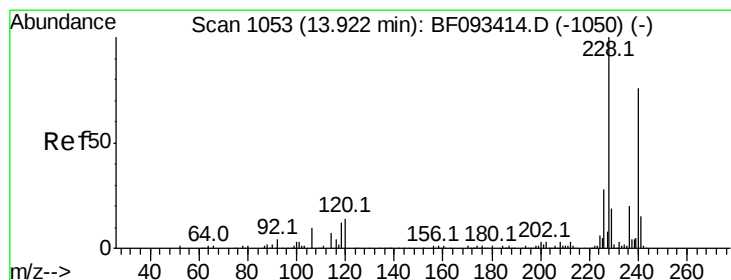
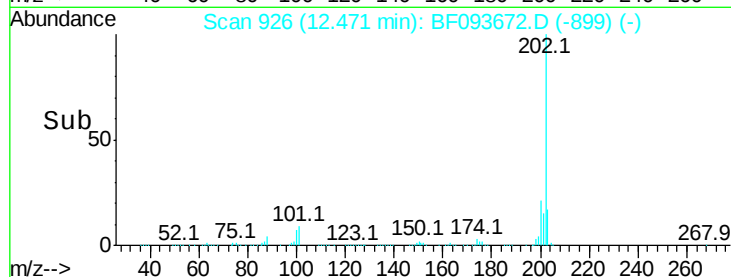
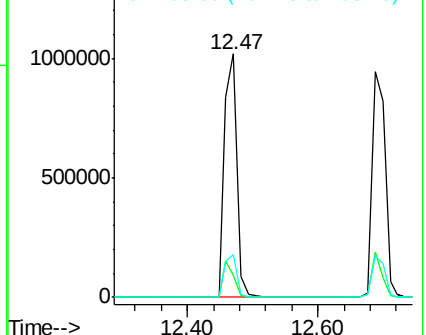
203 17.4 0.0 38.7



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: 13.89 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

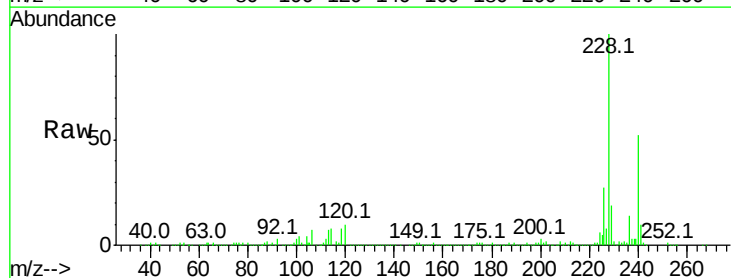
Tgt Ion:240 Resp: 343928

Ion Ratio Lower Upper

240 100

120 19.0 12.9 19.3

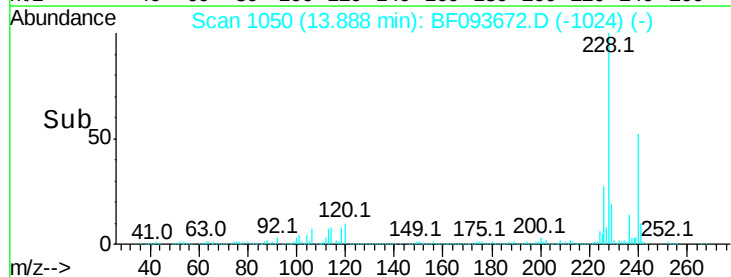
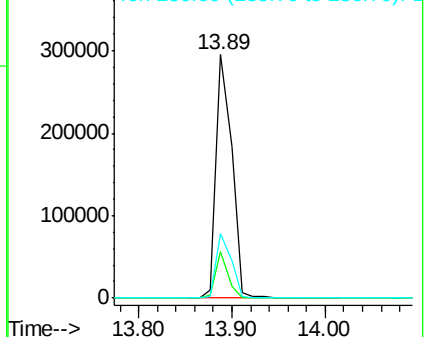
236 26.4 20.9 31.3

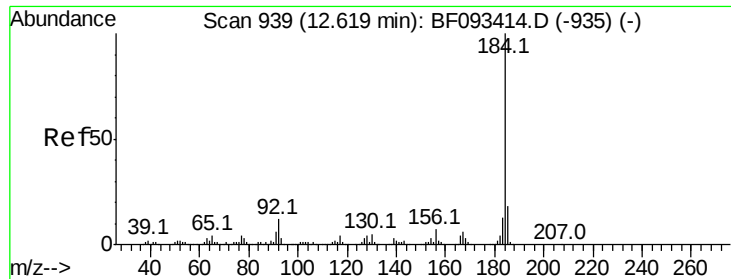


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 44.90 ng

RT: 12.61 min Scan# 938

Delta R.T. 0.02 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

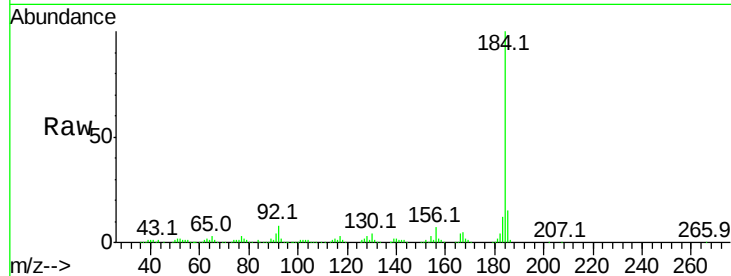
Tot Ion:184 Resp: 507803

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

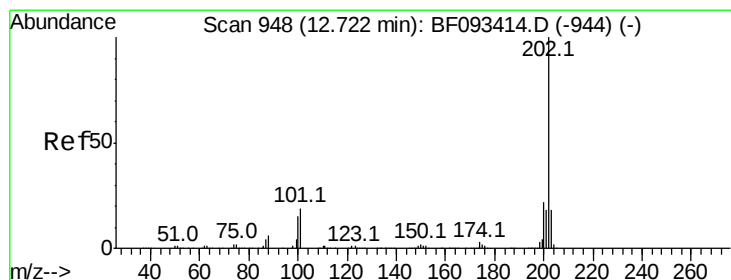
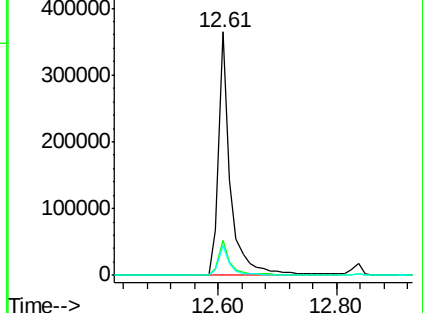
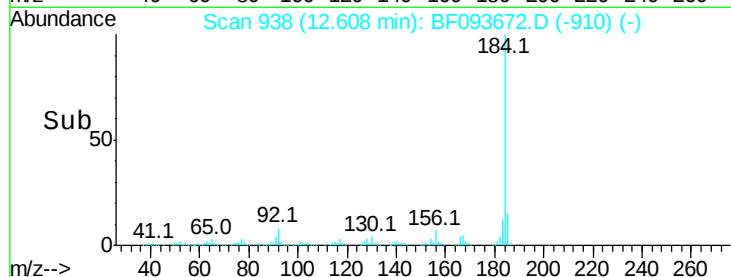
183 12.1 9.2 13.8



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

Pyrene

Concen: 51.33 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

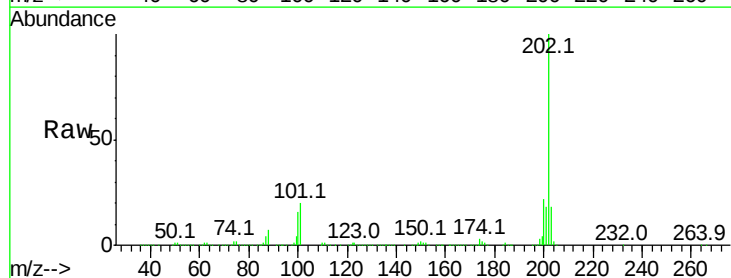
Tgt Ion:202 Resp: 1283917

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

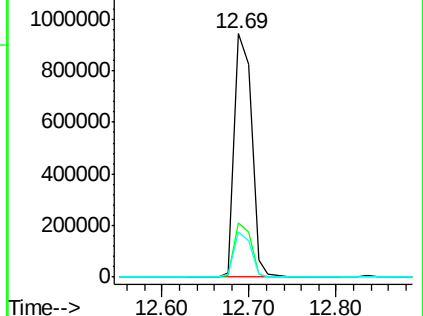
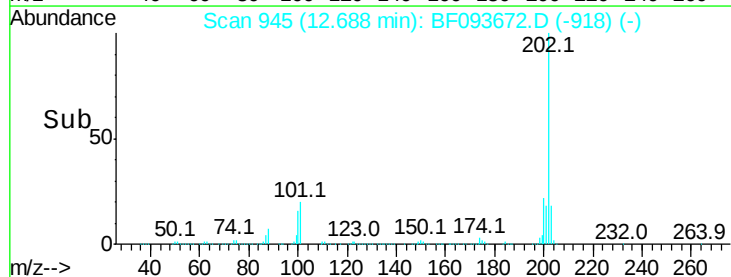
203 18.3 14.7 22.1

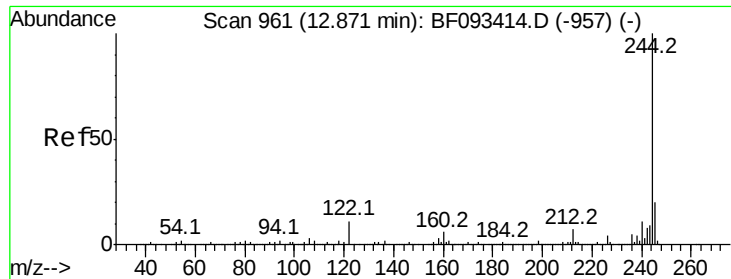


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 100.26 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

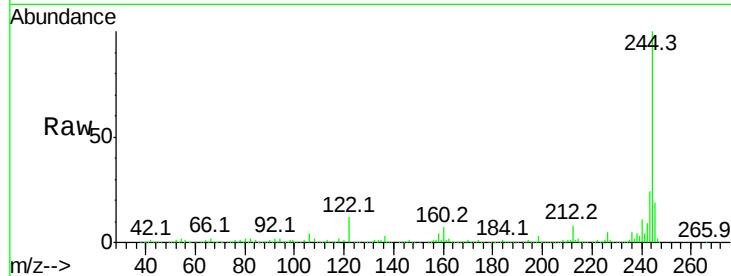
Tot Ion:244 Resp: 1326310

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

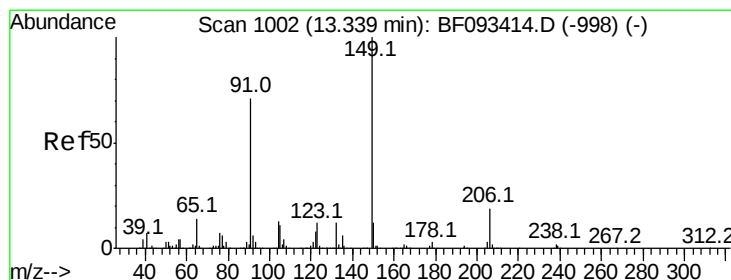
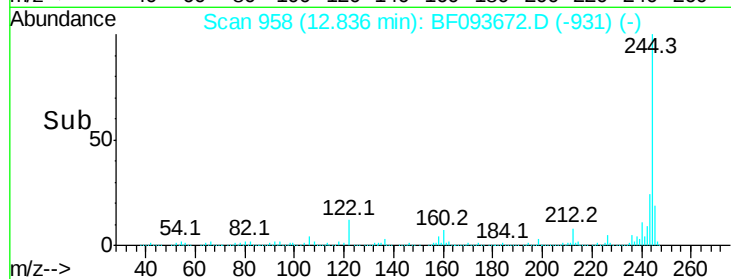
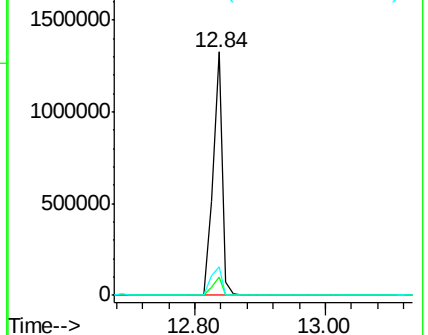
122 11.9 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 58.56 ng

RT: 13.31 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

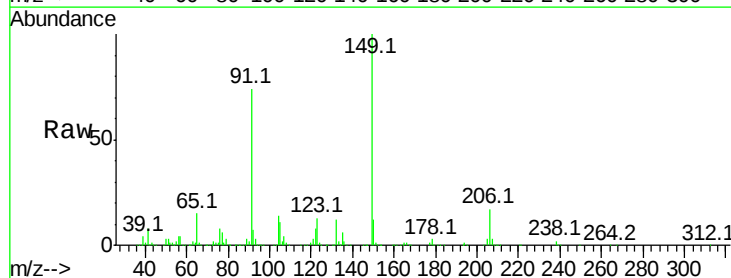
Tgt Ion:149 Resp: 616624

Ion Ratio Lower Upper

149 100

91 74.0 63.9 95.9

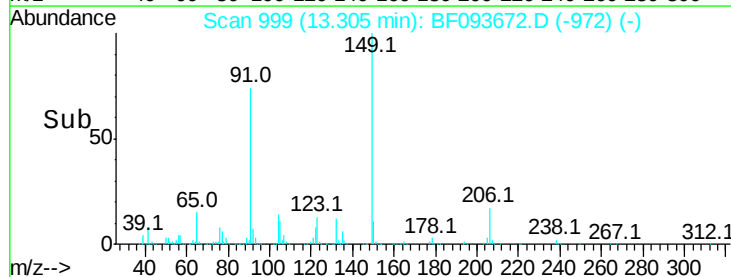
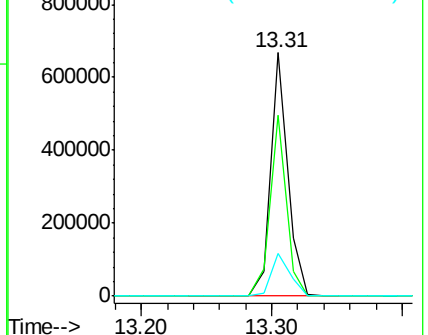
206 17.5 14.6 21.8

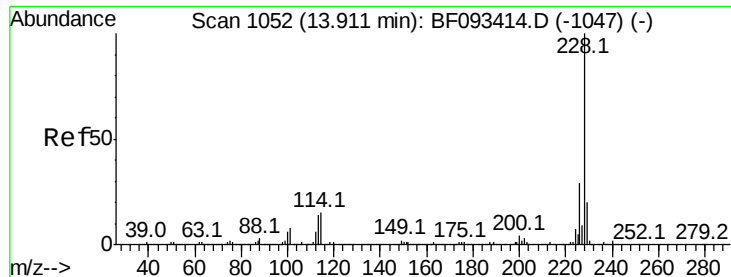


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.19 ng

RT: 13.88 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

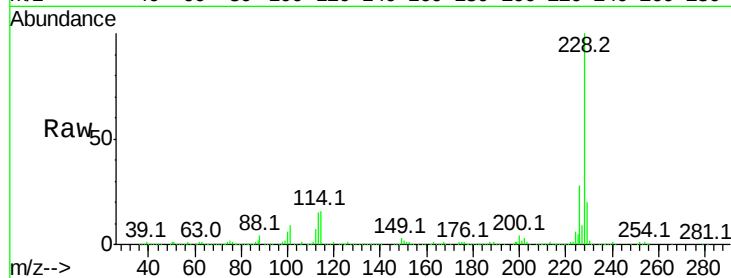
Tot Ion:228 Resp: 938224

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

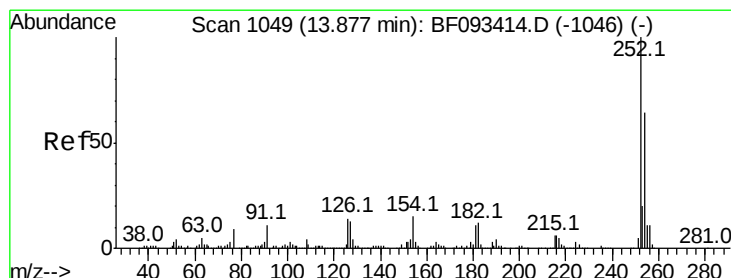
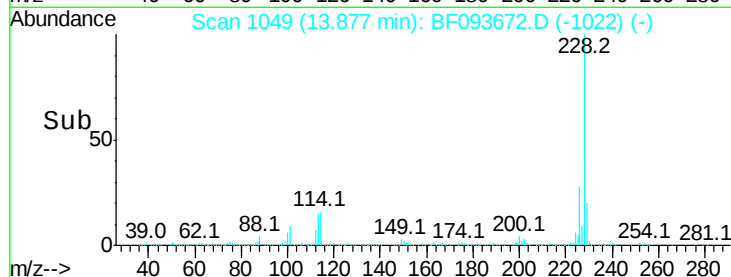
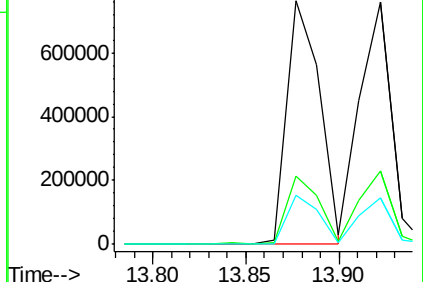
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 42.13 ng

RT: 13.84 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

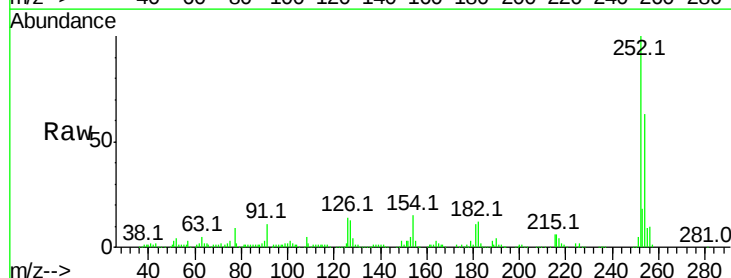
Tgt Ion:252 Resp: 299660

Ion Ratio Lower Upper

252 100

254 62.9 52.3 78.5

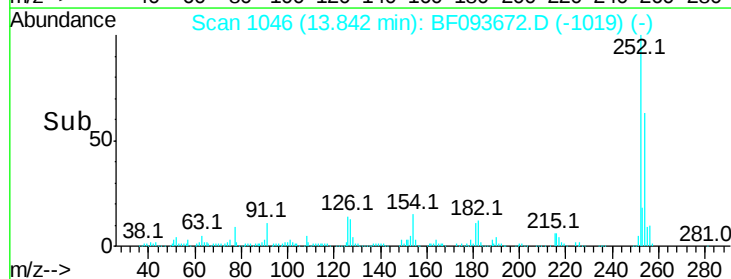
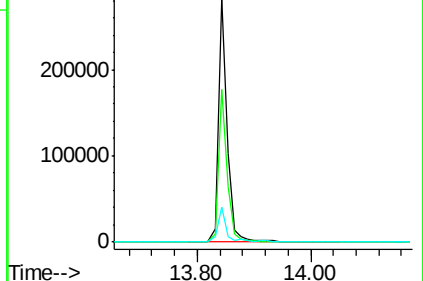
126 14.3 13.6 20.4

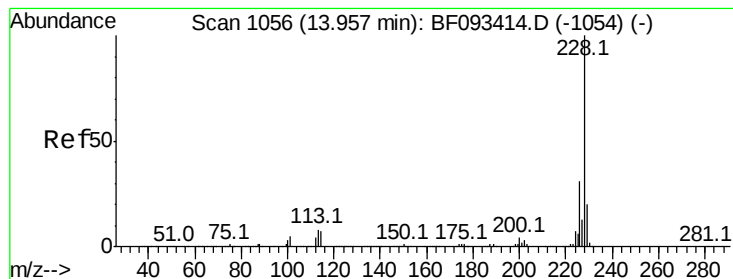


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 48.10 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

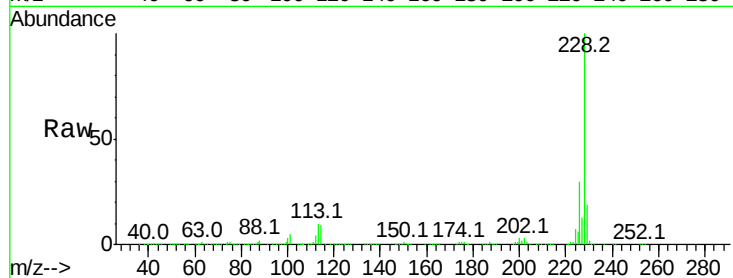
Tot Ion:228 Resp: 903815

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

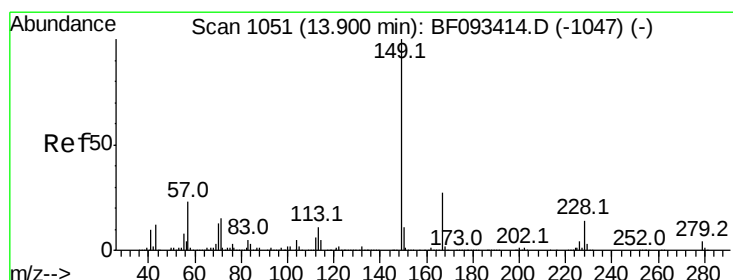
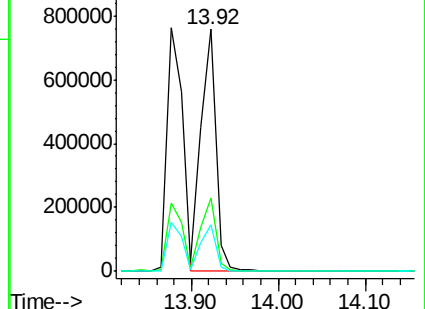
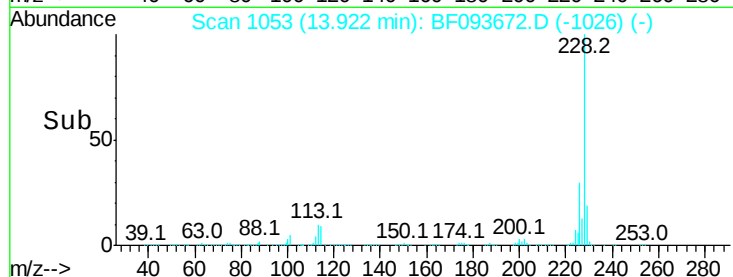
229 19.5 16.2 24.2



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: 62.20 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

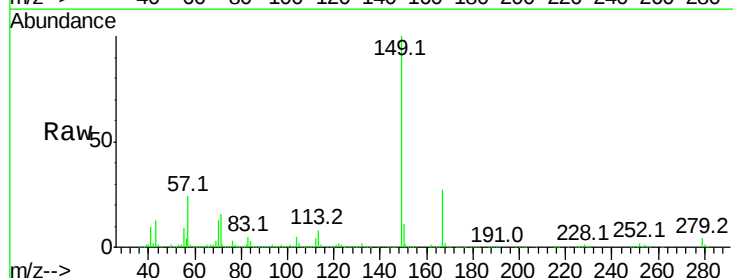
Tgt Ion:149 Resp: 912920

Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

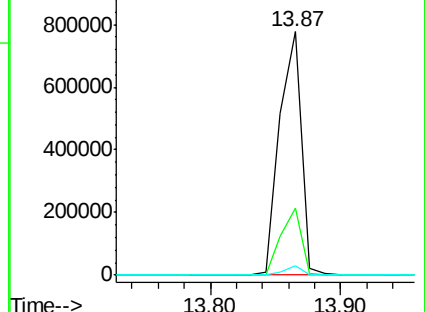
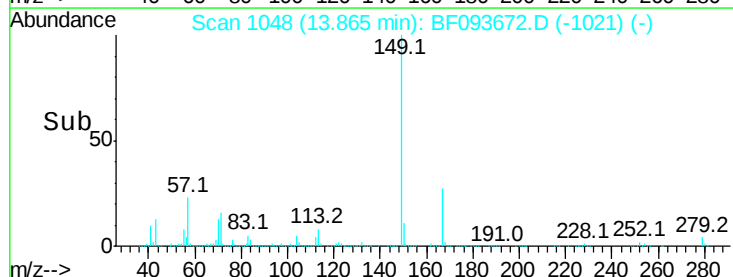
279 4.0 1.8 2.8#

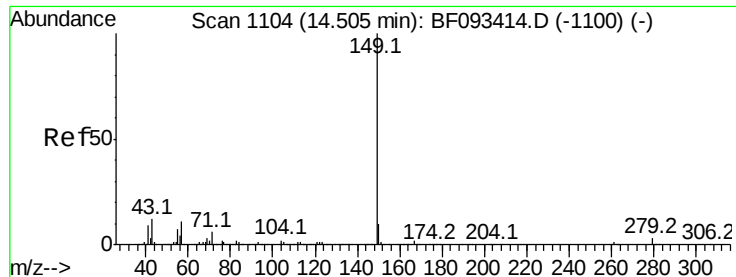


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

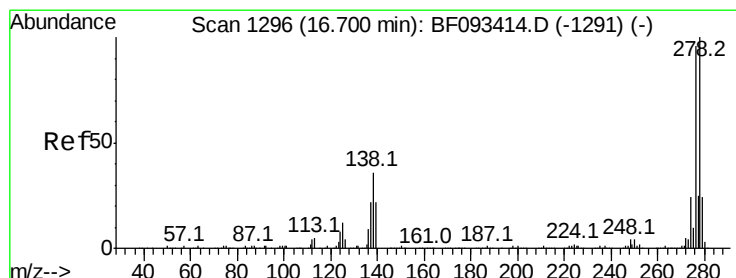
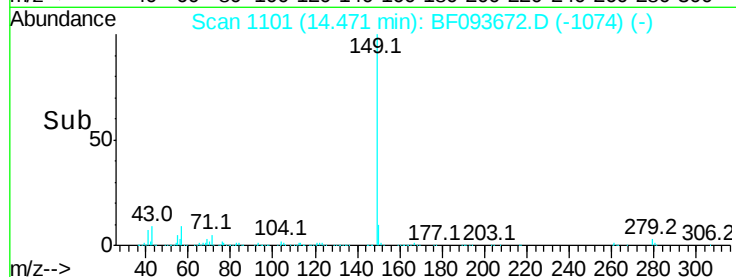
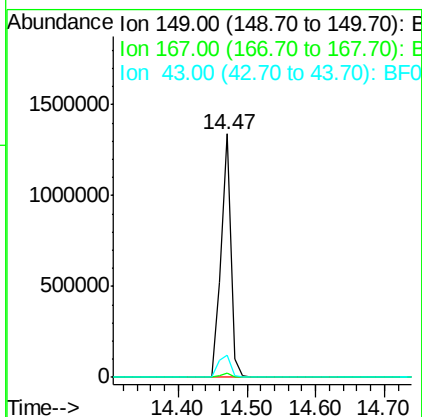
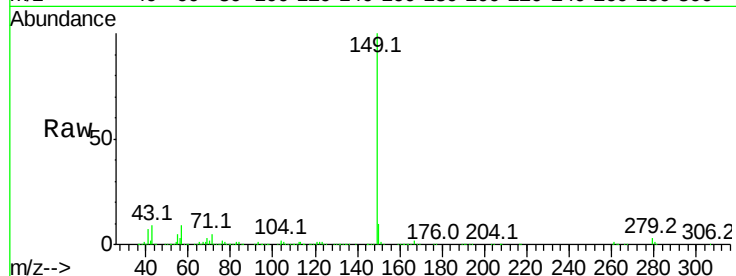




#84
Di-n-octyl phthalate
Concen: 55.67 ng
RT: 14.47 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

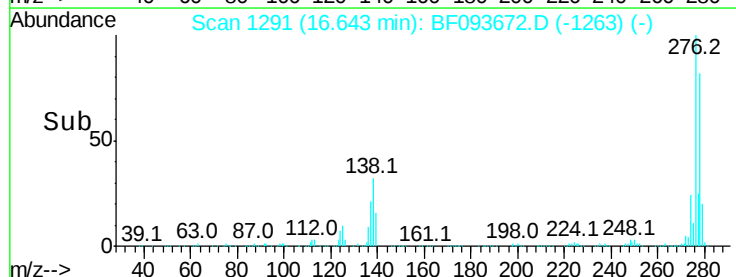
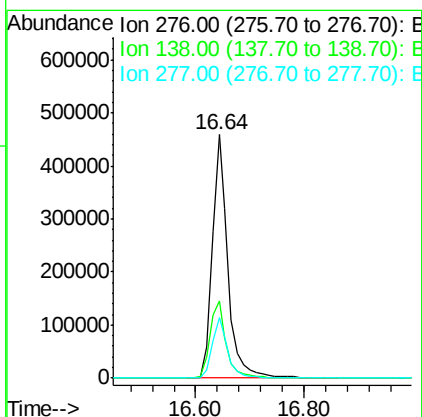
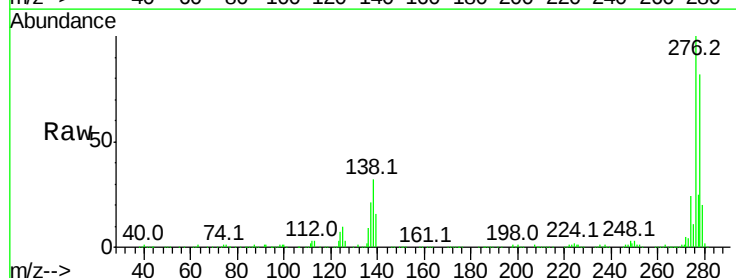
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

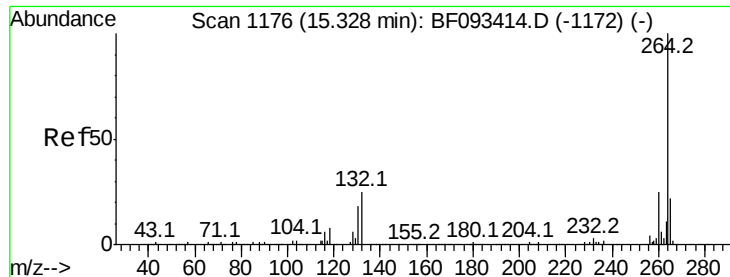
Tot Ion:149 Resp: 1361782
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.5 8.9 13.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 59.14 ng
RT: 16.64 min Scan# 1291
Delta R.T. 0.02 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:276 Resp: 930182
Ion Ratio Lower Upper
276 100
138 33.2 21.8 32.6#
277 25.1 20.2 30.4



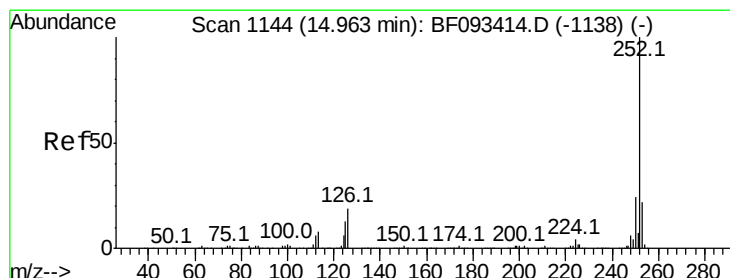
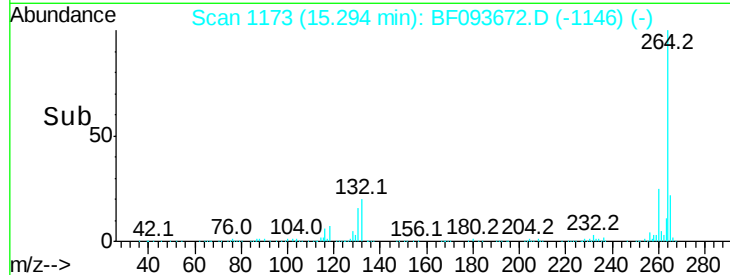
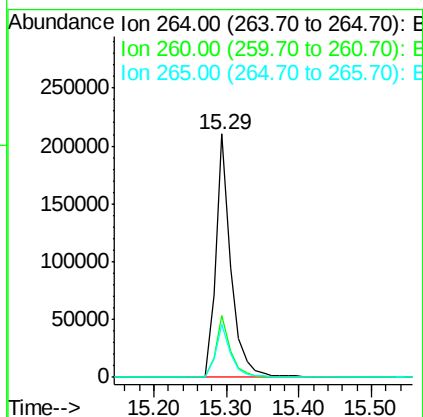
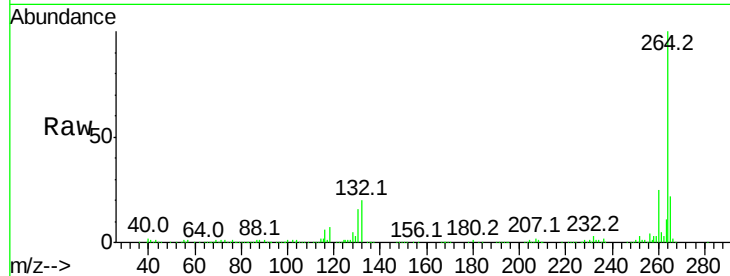


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

Tot Ion:264 Resp: 302086

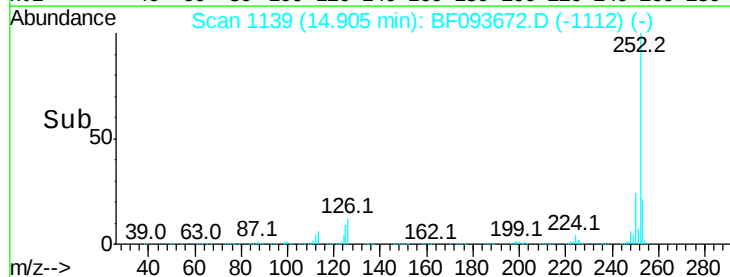
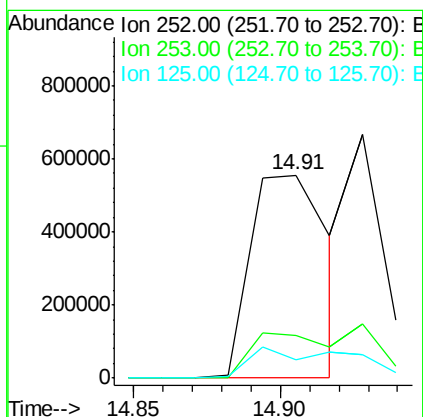
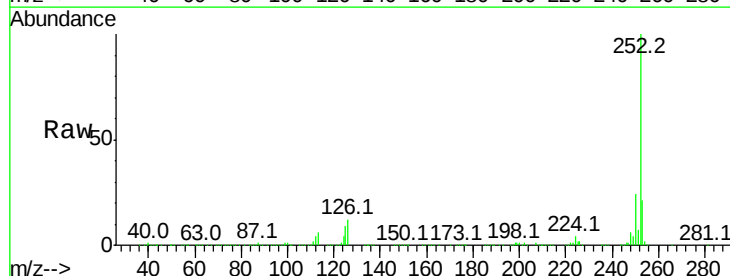
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.7	17.4	26.0

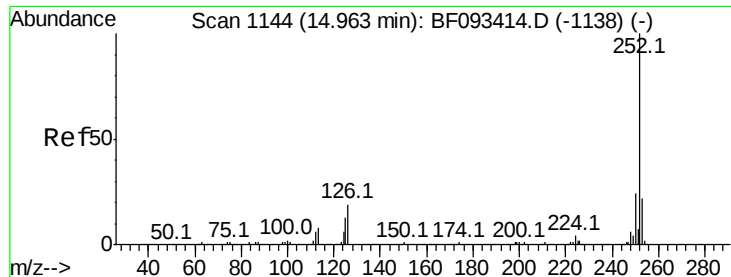


#87
Benzo(b)fluoranthene
Concen: 55.93 ng m
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:252 Resp: 1028925

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	8.9	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 34.75 ng m

RT: 14.93 min Scan# 1141

Delta R.T. 0.01 min

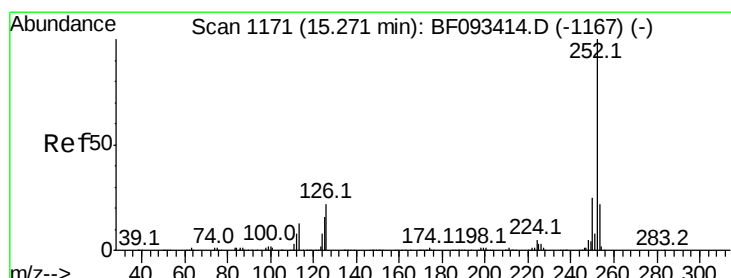
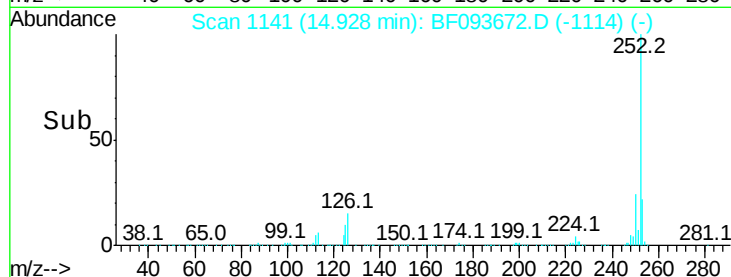
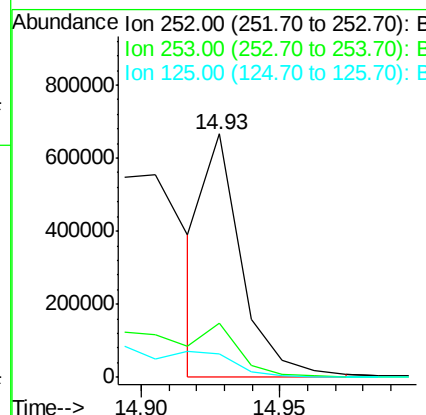
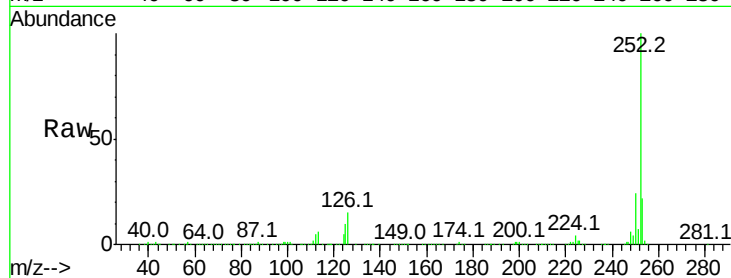
Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

Tot Ion:252 Resp: 616634

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	9.5	8.9	13.3



#89

Benzo(a)pyrene

Concen: 47.26 ng

RT: 15.24 min Scan# 1168

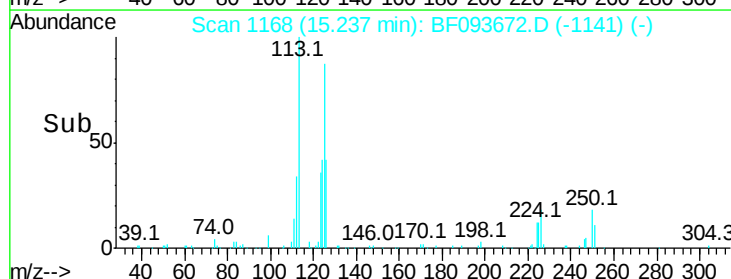
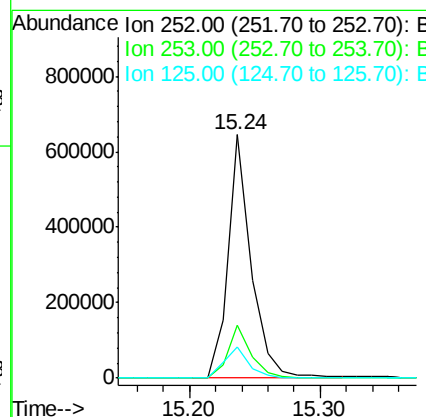
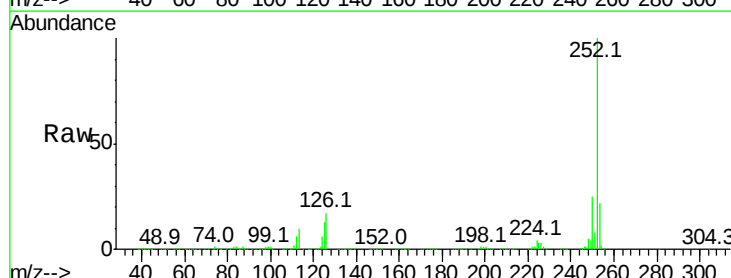
Delta R.T. 0.01 min

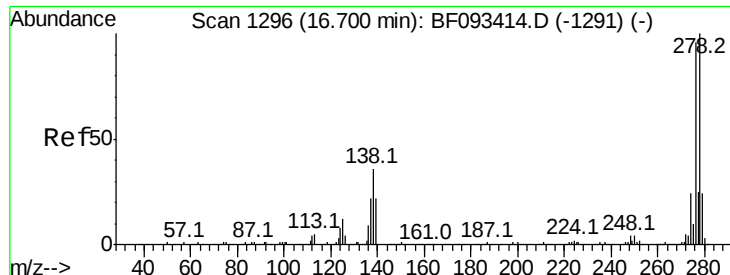
Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion:252 Resp: 794620

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	13.0	10.0	15.0

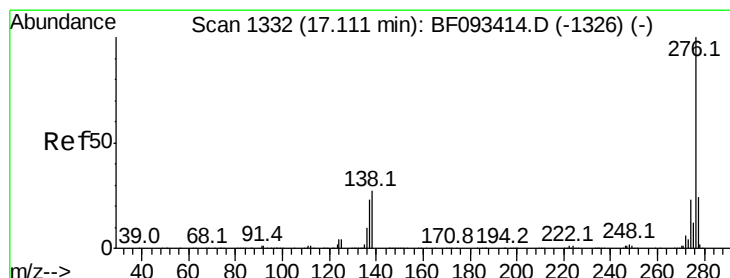
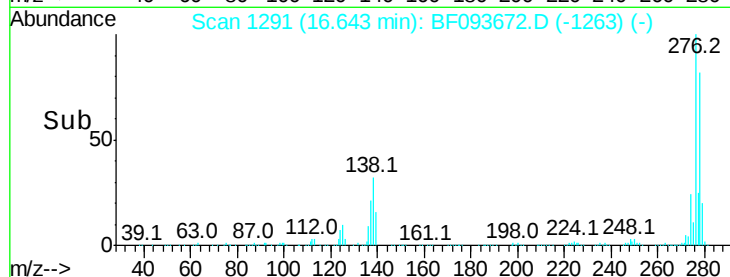
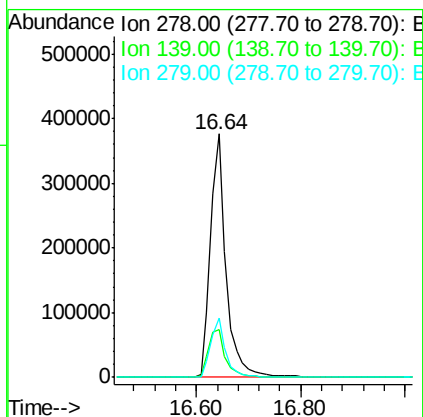
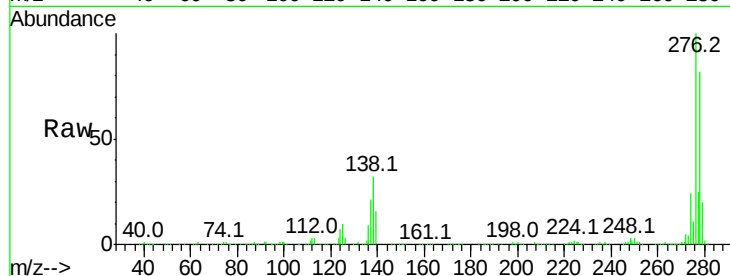




#90
Dibenzo(a,h)anthracene
Concen: 56.70 ng
RT: 16.64 min Scan# 1291
Delta R.T. 0.02 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

Tot Ion:278 Resp: 788662
Ion Ratio Lower Upper
278 100
139 19.4 14.8 22.2
279 24.2 19.8 29.6



#91
Benzo(g,h,i)perylene
Concen: 57.69 ng
RT: 17.04 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:276 Resp: 823630
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 30.0 16.0 24.0#

