

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081678.D
 Acq On : 17 Sep 2015 14:30
 Operator : UM/IZ
 Sample : G3669-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

Quant Time: Sep 18 07:14:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	43666	20.00	ng	-0.04
21) Naphthalene-d8	11.08	136	175901	20.00	ng	-0.04
38) Acenaphthene-d10	15.20	164	84611	20.00	ng	-0.06
63) Phenanthrene-d10	18.71	188	175149	20.00	ng	-0.04
75) Chrysene-d12	23.35	240	135561	20.00	ng	-0.03
86) Perylene-d12	24.79	264	100457	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	341664	121.40	ng	0.00
7) Phenol-d6	7.61	99	443531	119.06	ng	-0.03
23) Nitrobenzene-d5	9.49	82	339393	93.09	ng	-0.04
41) 2,4,6-Tribromophenol	17.12	330	108685	144.26	ng	-0.04
44) 2-Fluorobiphenyl	13.73	172	598360	90.63	ng	-0.04
78) Terphenyl-d14	22.08	244	594321	102.06	ng	-0.03

Target Compounds

					Qvalue	
2) 1,4-Dioxane	1.60	88	40169m	31.78	ng	
3) Pyridine	2.13	79	44352	12.72	ng	# 80
4) n-Nitrosodimethylamine	2.08	42	91618	47.32	ng	# 56
6) Aniline	7.49	93	78537	14.93	ng	# 82
8) 2-Chlorophenol	7.73	128	134070	43.23	ng	# 79
9) Benzaldehyde	7.20	77	45294	19.40	ng	# 75
10) Phenol	7.62	94	152726	35.35	ng	# 46
11) bis(2-Chloroethyl)ether	7.72	93	139491	44.75	ng	# 70
12) 1,3-Dichlorobenzene	8.02	146	136670	41.25	ng	# 87
13) 1,4-Dichlorobenzene	8.22	146	140429	41.62	ng	# 91
14) 1,2-Dichlorobenzene	8.54	146	134906	44.41	ng	# 93
15) Benzyl Alcohol	8.62	79	140470	45.96	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.94	45	294584	49.31	ng	88
17) 2-Methylphenol	8.96	107	108066	43.67	ng	# 77
18) Hexachloroethane	9.27	117	57519	43.82	ng	# 87
19) n-Nitroso-di-n-propylamine	9.25	70	117196	46.22	ng	# 91
20) 3+4-Methylphenols	9.34	107	141583	42.44	ng	85
22) Acetophenone	9.17	105	209553	43.62	ng	# 74
24) Nitrobenzene	9.52	77	172130	45.46	ng	# 64
25) Isophorone	10.12	82	302145	44.56	ng	# 83
26) 2-Nitrophenol	10.25	139	68031	41.23	ng	# 30
27) 2,4-Dimethylphenol	10.53	122	123308	43.26	ng	# 74
28) bis(2-Chloroethoxy)methane	10.72	93	178301	45.52	ng	# 91
29) 2,4-Dichlorophenol	10.86	162	109008	44.11	ng	89
30) 1,2,4-Trichlorobenzene	10.98	180	118207	44.02	ng	98
31) Naphthalene	11.13	128	810667	86.42	ng	97
32) Benzoic acid	11.02	122	46630	24.24	ng	# 49
33) 4-Chloroaniline	11.37	127	52831	13.81	ng	# 83
34) Hexachlorobutadiene	11.48	225	74708	45.72	ng	97
35) Caprolactam	12.30	113	25004m	32.99	ng	
36) 4-Chloro-3-methylphenol	12.69	107	136524	49.35	ng	# 76
37) 2-Methylnaphthalene	12.78	142	311609	51.04	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	119592	44.69	ng	98
40) Hexachlorocyclopentadiene	13.17	237	121076	92.20	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081678.D
 Acq On : 17 Sep 2015 14:30
 Operator : UM/IZ
 Sample : G3669-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

Quant Time: Sep 18 07:14:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

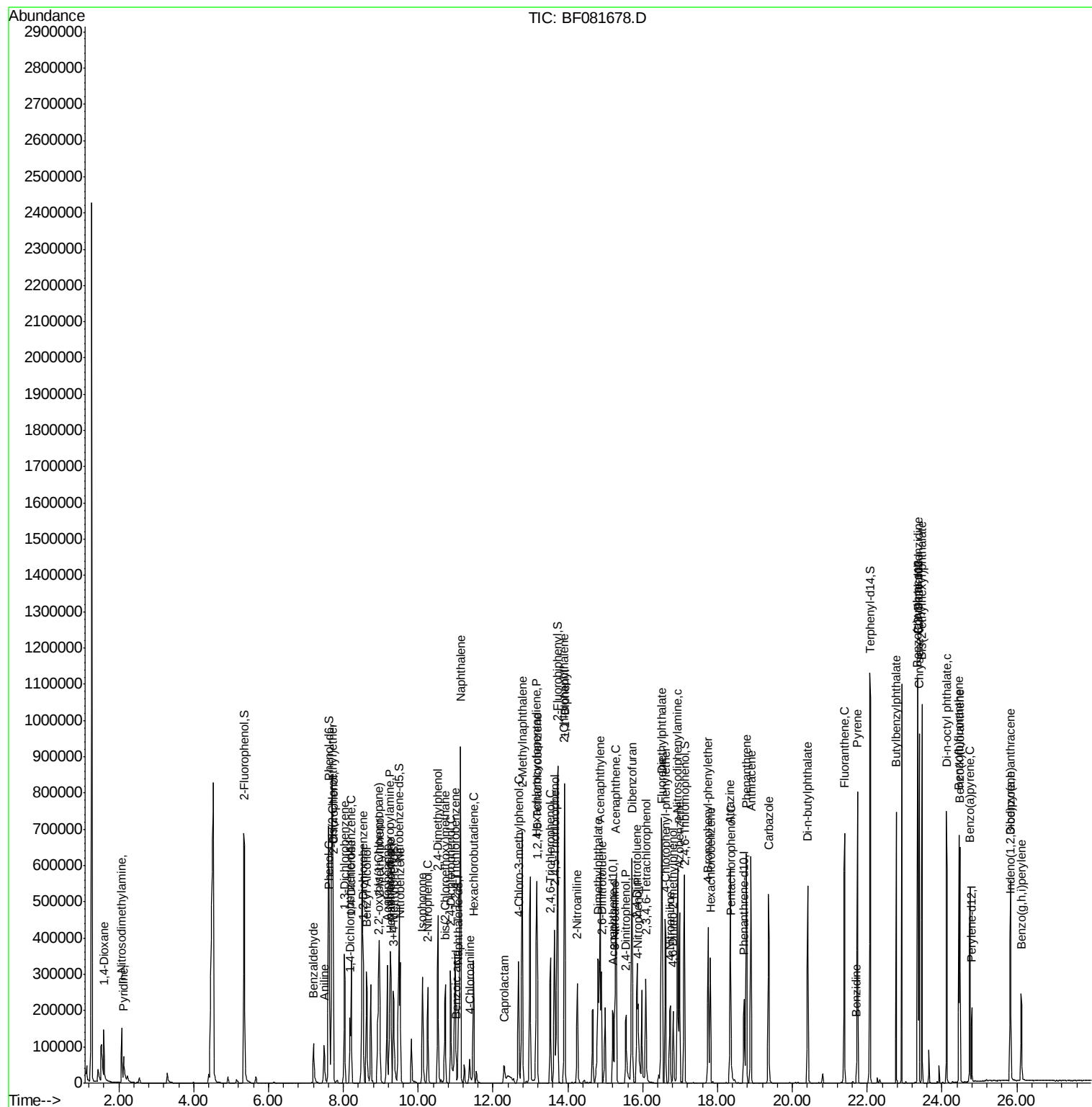
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	78672	42.60	ng	97
43) 2,4,5-Trichlorophenol	13.65	196	82126	43.59	ng #	85
45) 1,1'-Biphenyl	13.92	154	342551	44.01	ng	96
46) 2-Chloronaphthalene	13.91	162	249751	44.43	ng #	88
47) 2-Nitroaniline	14.25	65	108358	47.30	ng #	56
48) Acenaphthylene	14.86	152	466563	46.78	ng	98
49) Dimethylphthalate	14.80	163	299626	45.58	ng #	98
50) 2,6-Dinitrotoluene	14.91	165	62978	42.21	ng #	52
51) Acenaphthene	15.28	154	250883	44.22	ng	91
52) 3-Nitroaniline	15.26	138	36738	21.63	ng #	53
53) 2,4-Dinitrophenol	15.56	184	52202	69.50	ng #	30
54) Dibenzofuran	15.72	168	387097	46.73	ng #	87
55) 4-Nitrophenol	15.88	139	71382	66.89	ng #	1
56) 2,4-Dinitrotoluene	15.85	165	86102	45.32	ng #	54
57) Fluorene	16.52	166	314457	50.02	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	70304	48.88	ng	92
59) Diethylphthalate	16.51	149	338695	48.98	ng	95
60) 4-Chlorophenyl-phenylether	16.62	204	142377	48.59	ng #	88
61) 4-Nitroaniline	16.73	138	61341	35.74	ng #	22
62) Azobenzene	16.99	77	373115	48.53	ng	83
64) 4,6-Dinitro-2-methylphenol	16.81	198	40176	41.01	ng #	66
65) n-Nitrosodiphenylamine	16.94	169	260025	40.80	ng	93
66) 4-Bromophenyl-phenylether	17.75	248	80813	45.63	ng #	86
67) Hexachlorobenzene	17.81	284	81396	43.96	ng #	90
68) Atrazine	18.35	200	83191	45.11	ng #	79
69) Pentachlorophenol	18.36	266	72436	80.32	ng	98
70) Phenanthrene	18.77	178	454314	46.66	ng	98
71) Anthracene	18.89	178	435668	43.55	ng	98
72) Carbazole	19.36	167	422384	44.99	ng	95
73) Di-n-butylphthalate	20.41	149	517855	46.72	ng #	98
74) Fluoranthene	21.40	202	477973	45.34	ng	87
76) Benzidine	21.72	184	22088	3.80	ng #	97
77) Pyrene	21.74	202	473541	47.16	ng	98
79) Butylbenzylphthalate	22.77	149	212630	48.69	ng #	70
80) Benzo(a)anthracene	23.34	228	399206	46.24	ng	97
81) 3,3'-Dichlorobenzidine	23.35	252	82014	28.16	ng #	94
82) Chrysene	23.39	228	364752	47.13	ng	95
83) Bis(2-ethylhexyl)phthalate	23.47	149	296652	51.47	ng #	92
84) Di-n-octyl phthalate	24.12	149	461592	48.64	ng	96
85) Indeno(1,2,3-cd)pyrene	25.82	276	226996	39.98	ng #	83
87) Benzo(b)fluoranthene	24.45	252	297968m	41.55	ng	
88) Benzo(k)fluoranthene	24.47	252	282367m	47.45	ng	
89) Benzo(a)pyrene	24.75	252	287431	47.30	ng #	82
90) Dibenzo(a,h)anthracene	25.83	278	192542	41.00	ng #	80
91) Benzo(g,h,i)perylene	26.12	276	179329	40.01	ng #	76

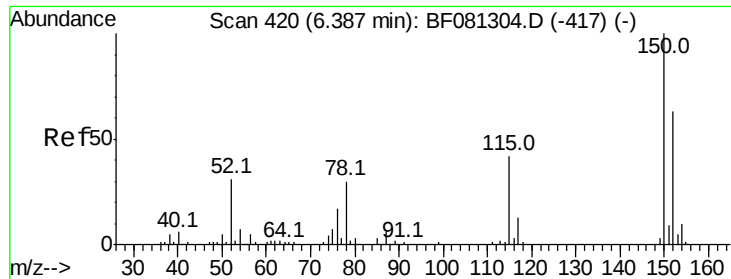
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081678.D
Acq On : 17 Sep 2015 14:30
Operator : UM/IZ
Sample : G3669-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

Quant Time: Sep 18 07:14:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

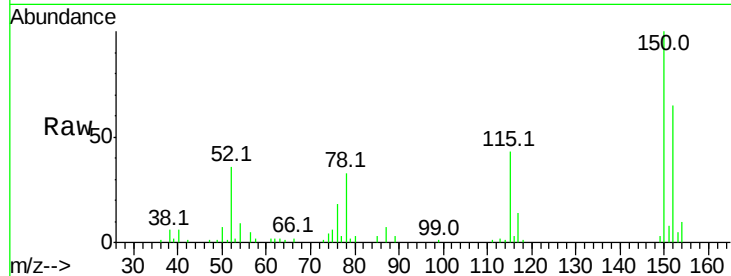
Tgt Ion:152 Resp: 43666

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

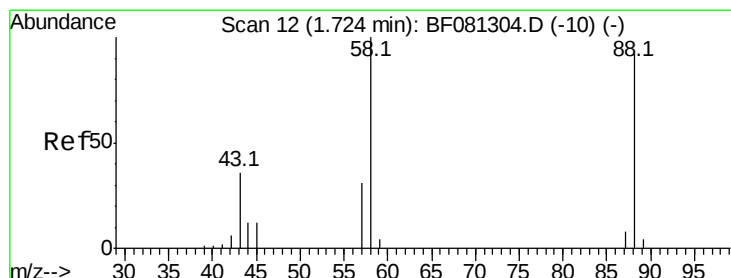
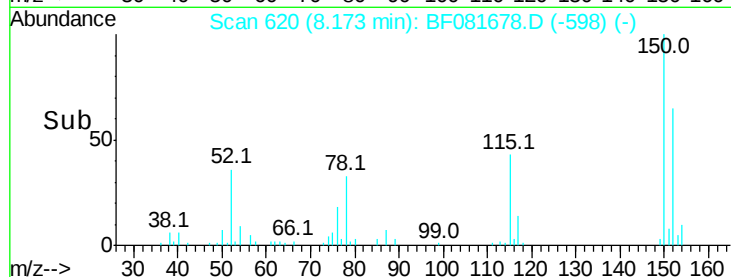
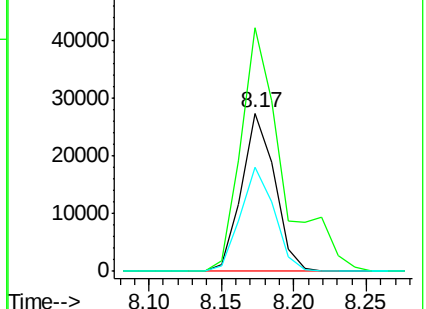
115 65.7 39.0 58.4#



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: 31.78 ng m

RT: 1.60 min Scan# 45

Delta R.T. 0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

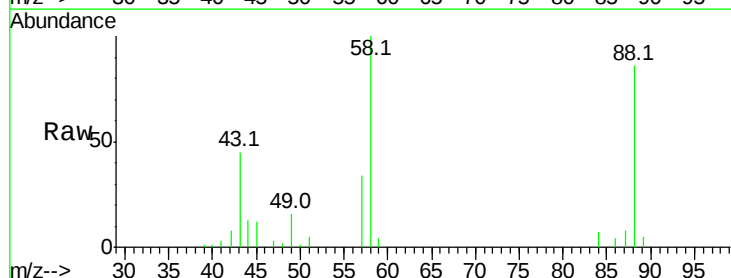
Tgt Ion: 88 Resp: 40169

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

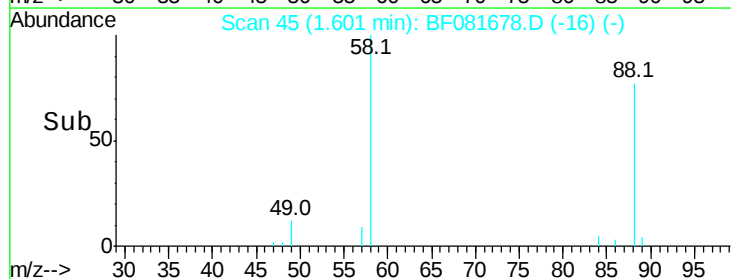
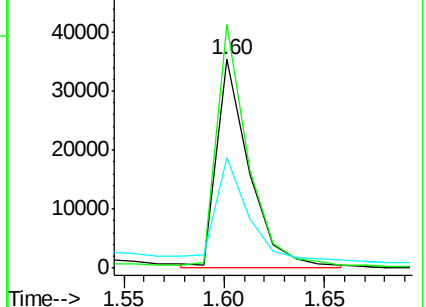
43 0.0 26.6 40.0#

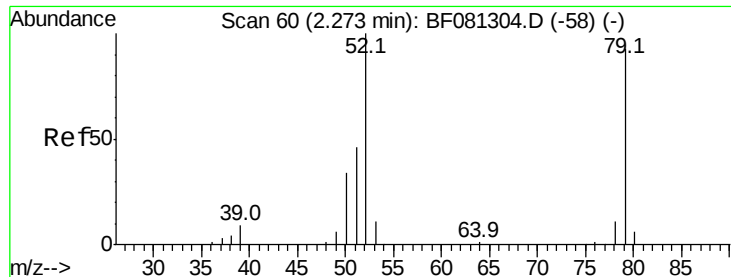


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.72 ng

RT: 2.13 min Scan# 91

Delta R.T. 0.05 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

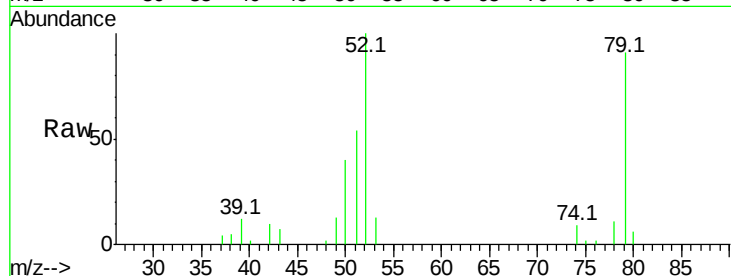
Tgt Ion: 79 Resp: 44352

Ion Ratio Lower Upper

79 100

52 110.2 76.8 115.2

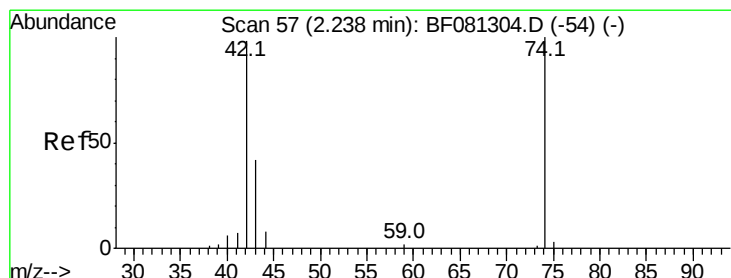
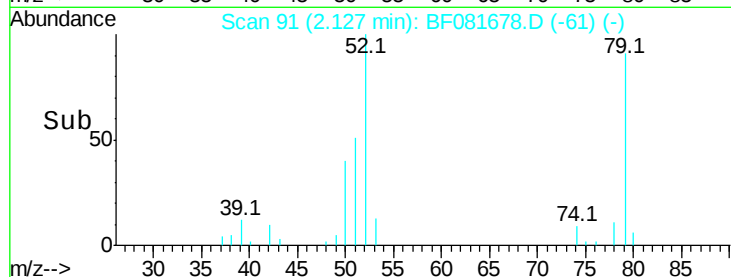
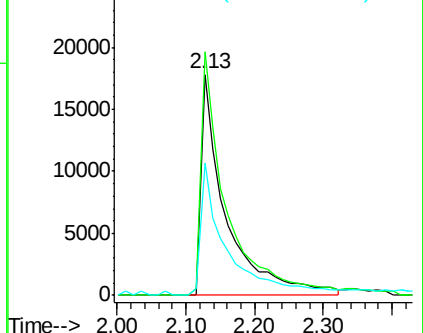
51 59.8 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 47.32 ng

RT: 2.08 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

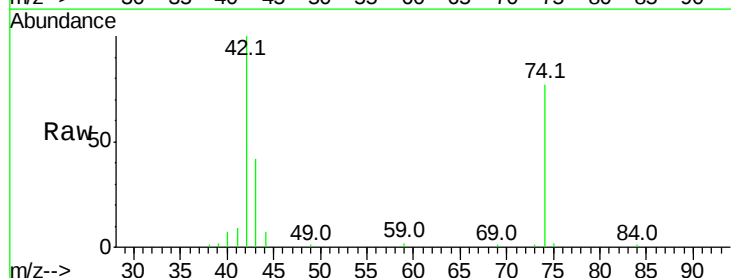
Tgt Ion: 42 Resp: 91618

Ion Ratio Lower Upper

42 100

74 76.9 105.0 157.6#

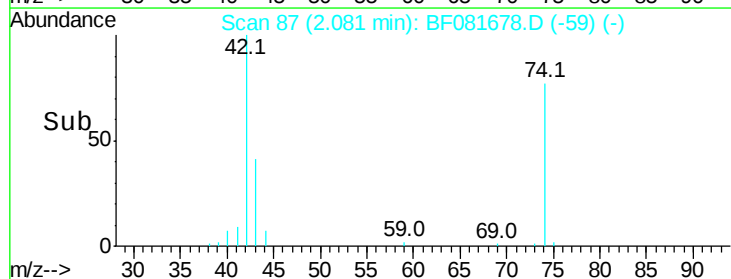
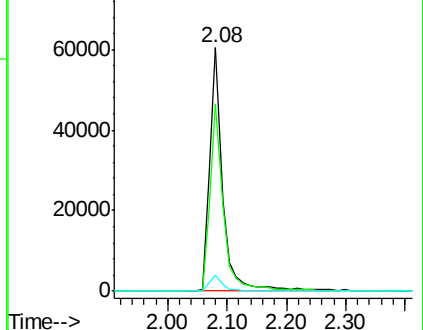
44 6.5 6.6 10.0#

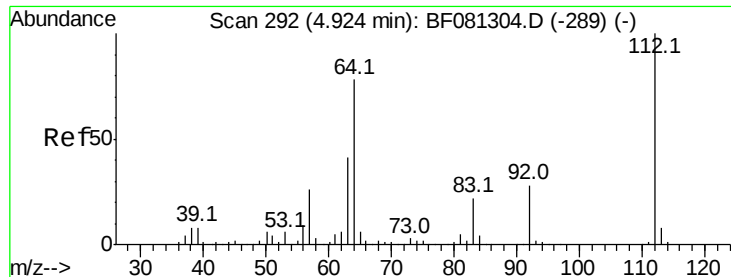


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.40 ng

RT: 5.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

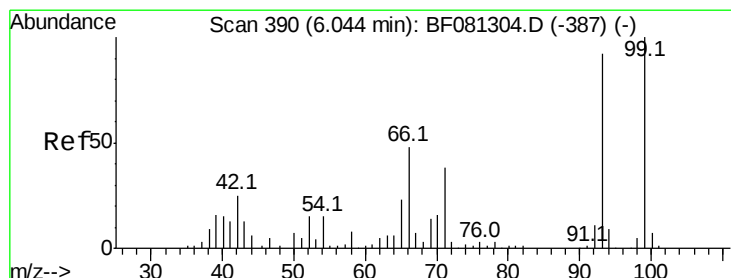
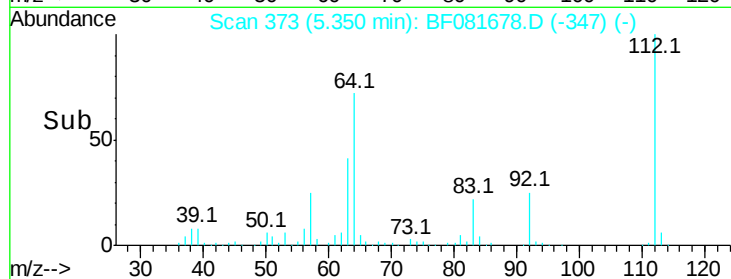
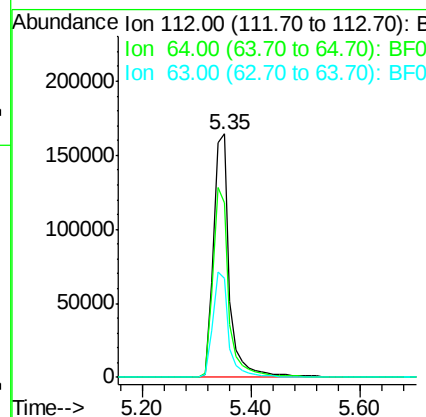
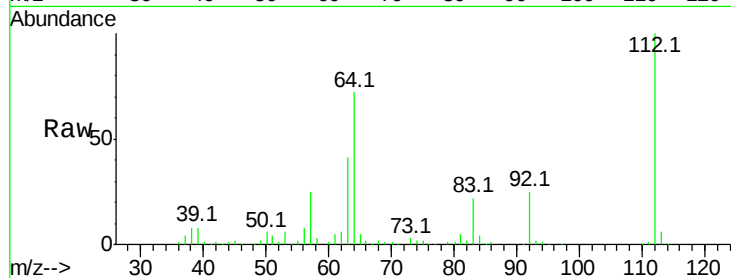
Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

Tgt Ion:	112	Resp:	341664
Ion Ratio	Lower	Upper	
112	100		
64	71.7	39.7	59.5#
63	40.7	17.4	26.0#



#6

Aniline

Concen: 14.93 ng

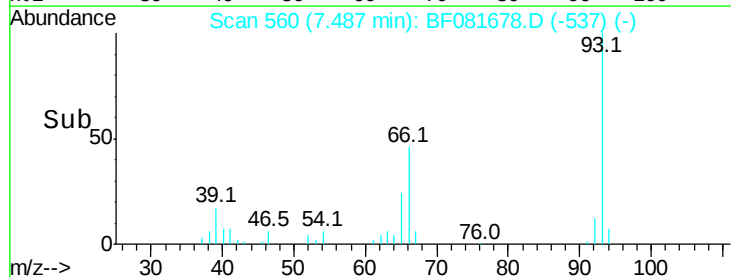
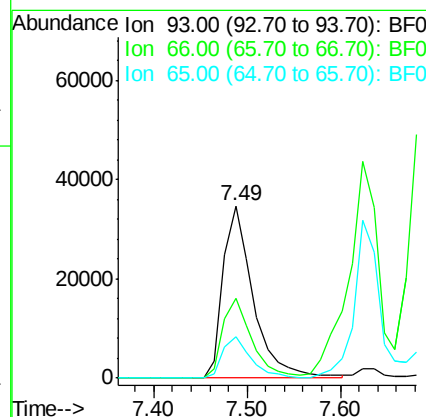
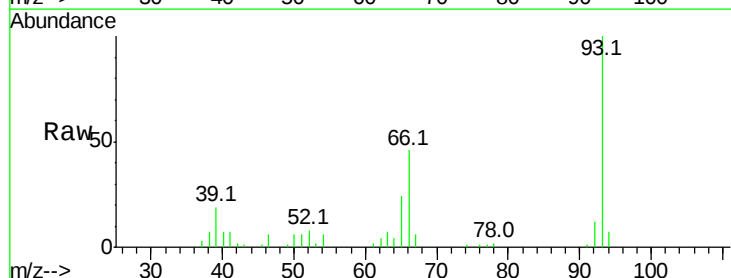
RT: 7.49 min Scan# 560

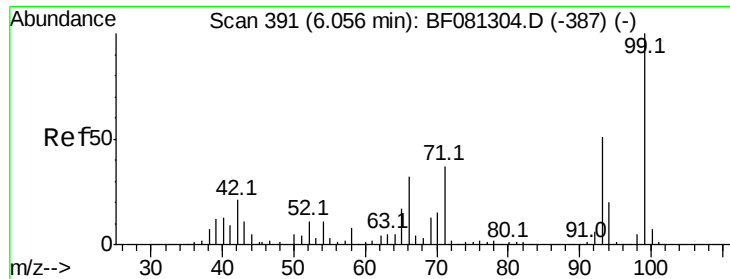
Delta R.T. -0.03 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Tgt Ion:	93	Resp:	78537
Ion Ratio	Lower	Upper	
93	100		
66	46.4	27.2	40.8#
65	23.9	14.7	22.1#





#7

Phenol-d6

Concen: 119.06 ng

RT: 7.61 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

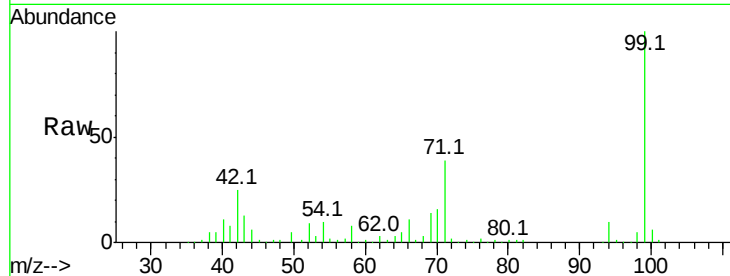
Tgt Ion: 99 Resp: 443531

Ion Ratio Lower Upper

99 100

42 24.6 13.7 20.5#

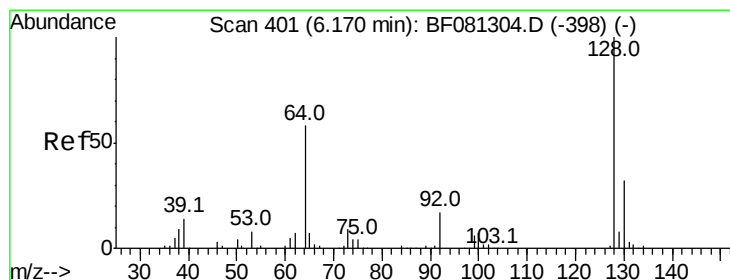
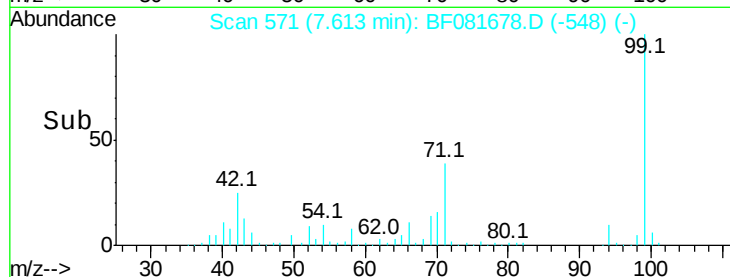
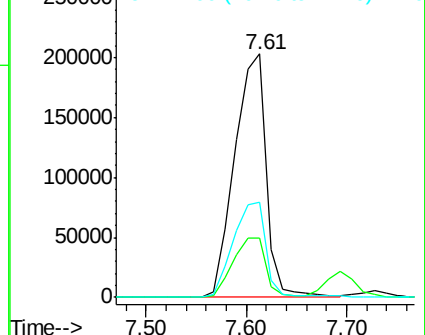
71 39.3 14.2 21.2#



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: 43.23 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

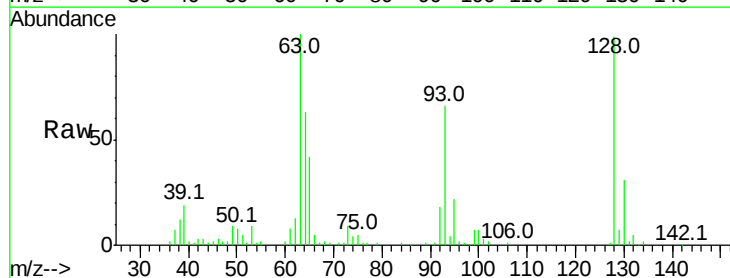
Tgt Ion: 128 Resp: 134070

Ion Ratio Lower Upper

128 100

130 31.2 12.2 52.2

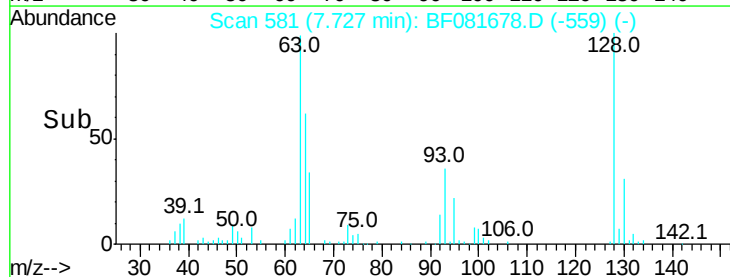
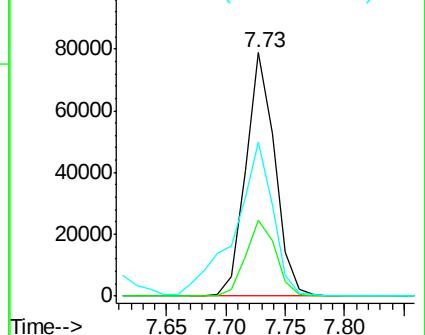
64 63.4 20.5 60.5#

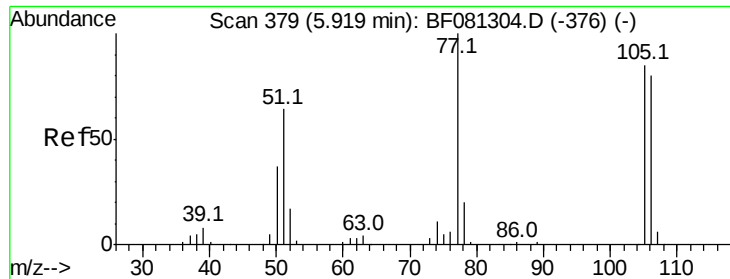


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.40 ng

RT: 7.20 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

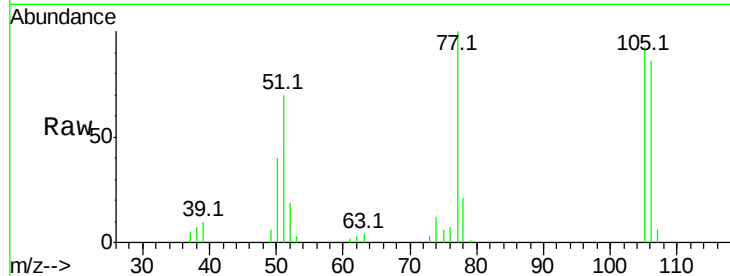
Tgt Ion: 77 Resp: 45294

Ion Ratio Lower Upper

77 100

105 93.4 91.6 131.6

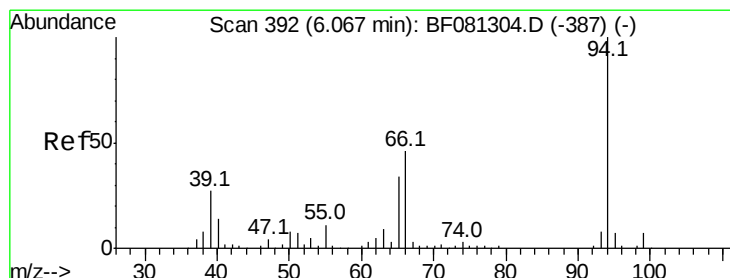
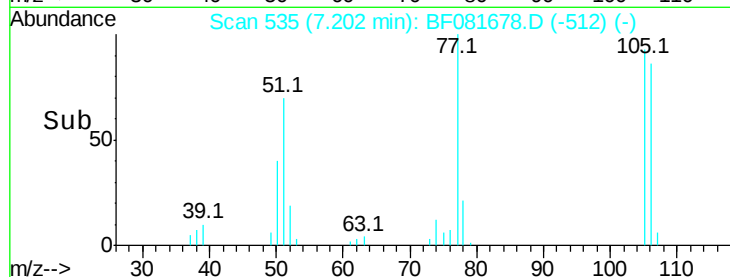
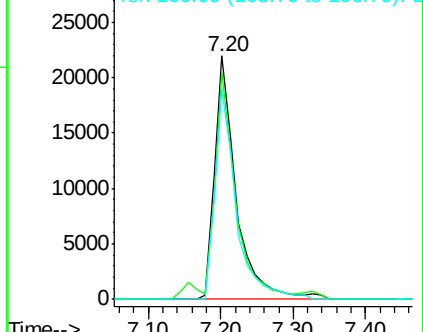
106 86.3 102.6 142.6#



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: 35.35 ng

RT: 7.62 min Scan# 572

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

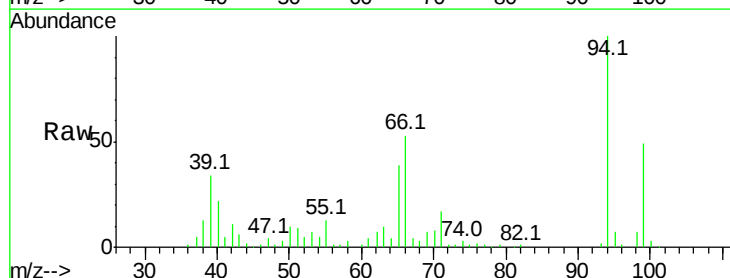
Tgt Ion: 94 Resp: 152726

Ion Ratio Lower Upper

94 100

65 38.8 0.7 40.7

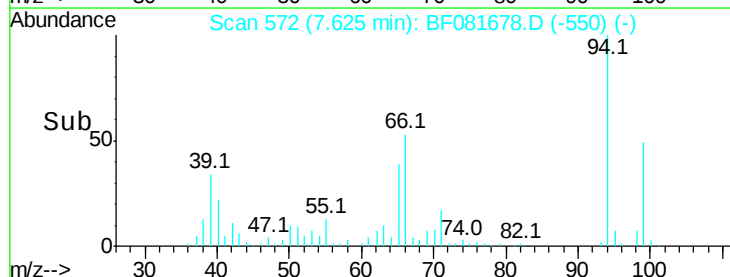
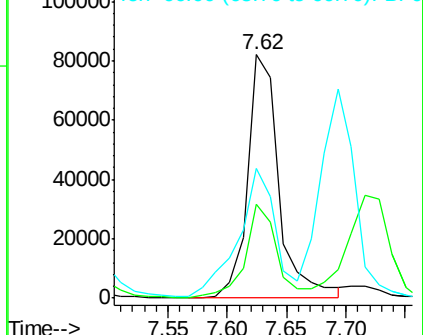
66 53.3 0.8 40.8#

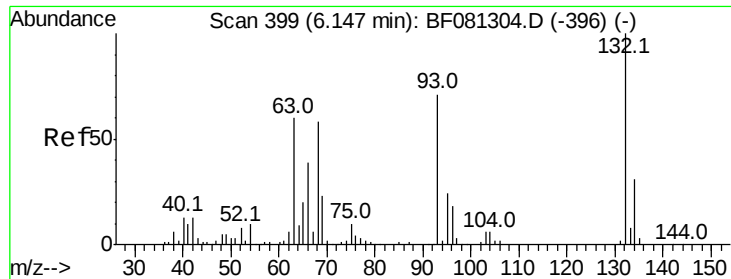


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

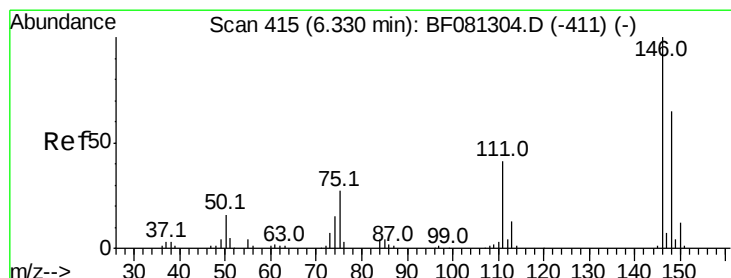
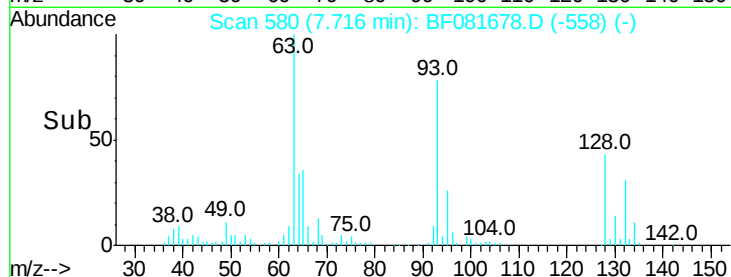
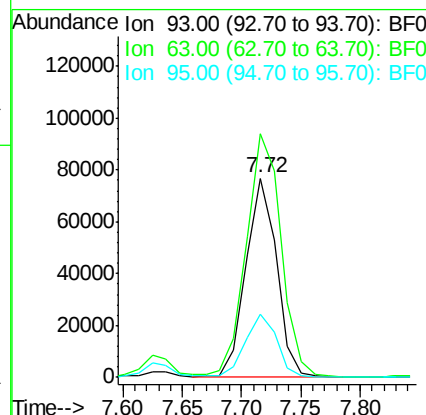
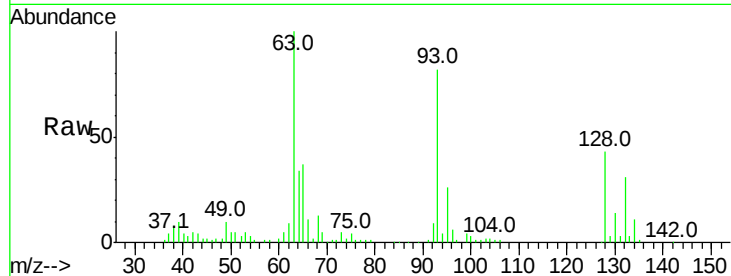




#11
bis(2-Chloroethyl)ether
Concen: 44.75 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

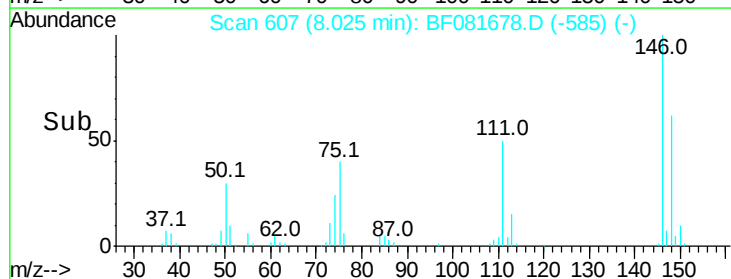
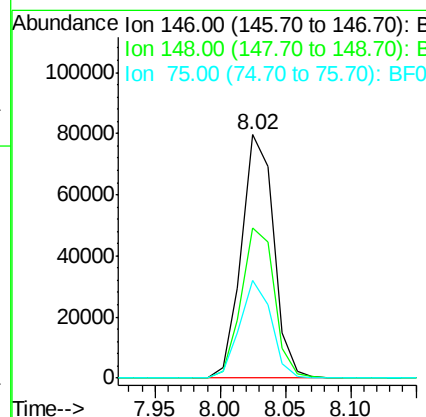
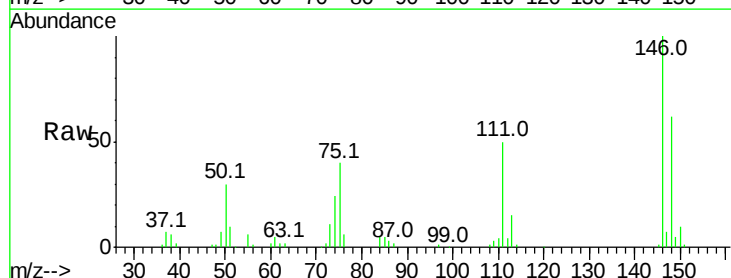
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

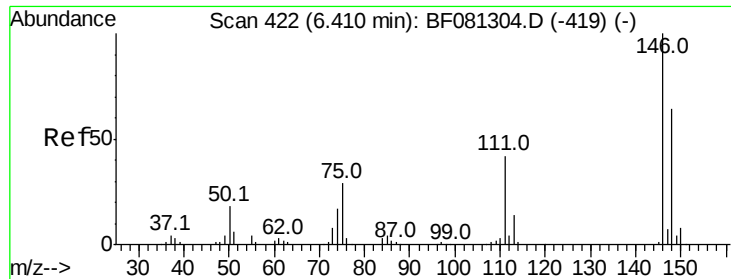
Tgt Ion: 93 Resp: 139491
Ion Ratio Lower Upper
93 100
63 122.2 65.6 105.6#
95 31.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.25 ng
RT: 8.02 min Scan# 607
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion: 146 Resp: 136670
Ion Ratio Lower Upper
146 100
148 61.5 51.0 76.4
75 40.1 15.0 22.6#

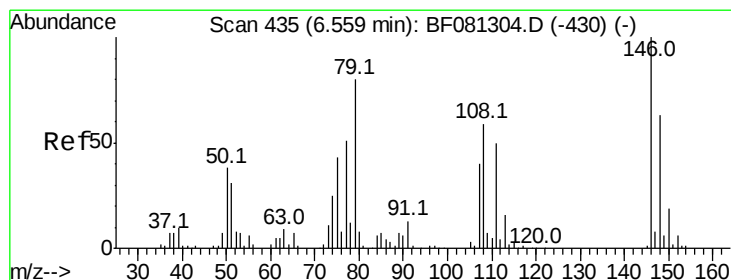
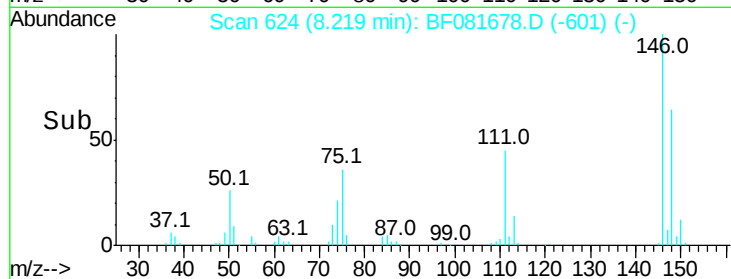
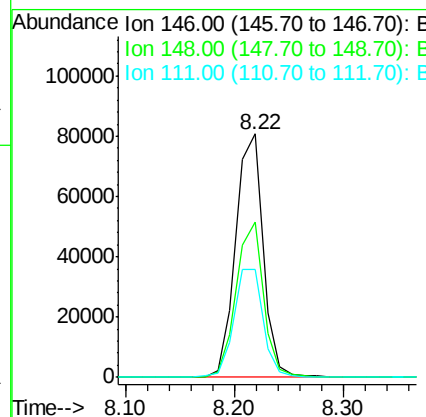
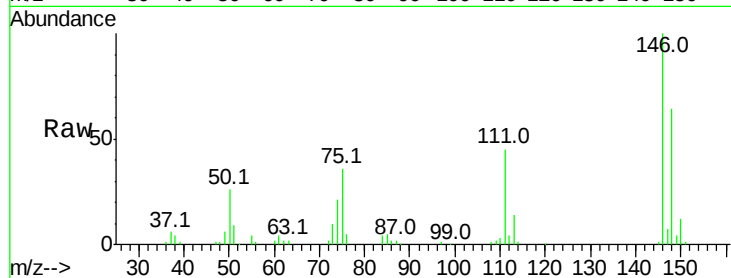




#13
 1,4-Dichlorobenzene
 Concen: 41.62 ng
 RT: 8.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

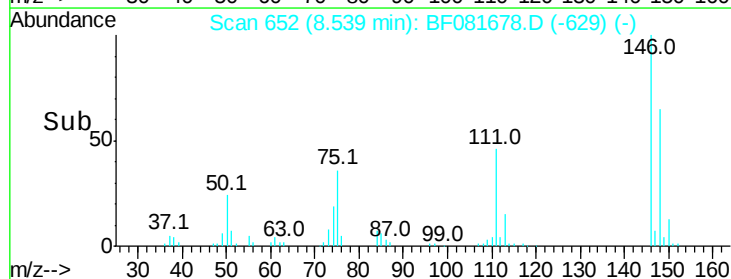
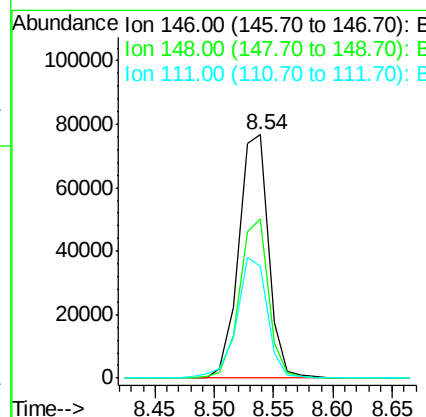
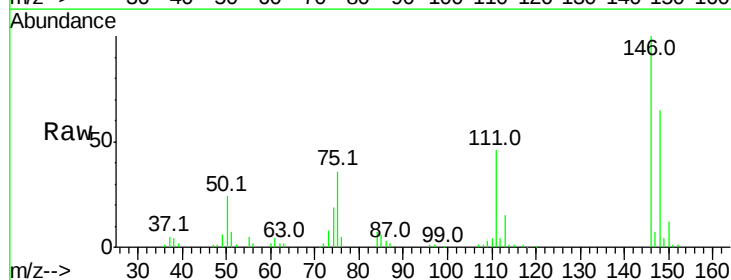
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

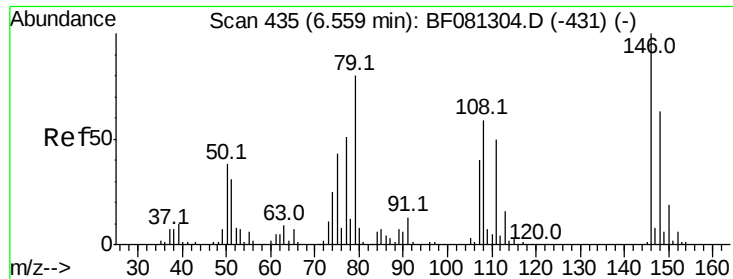
Tgt Ion:146 Resp: 140429
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 44.5 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 44.41 ng
 RT: 8.54 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion:146 Resp: 134906
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.7 79.1
 111 45.9 28.8 43.2#

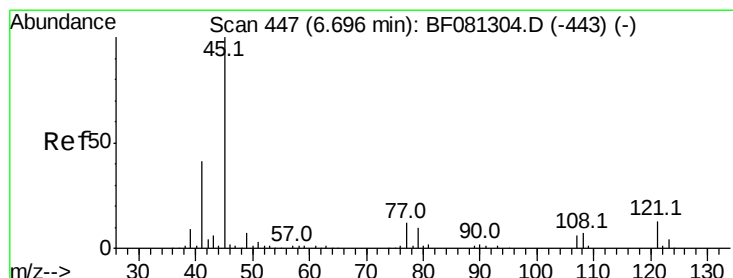
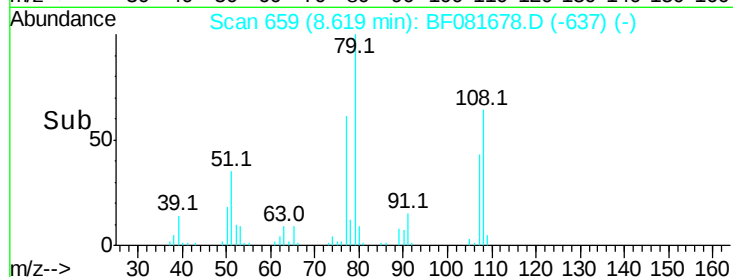
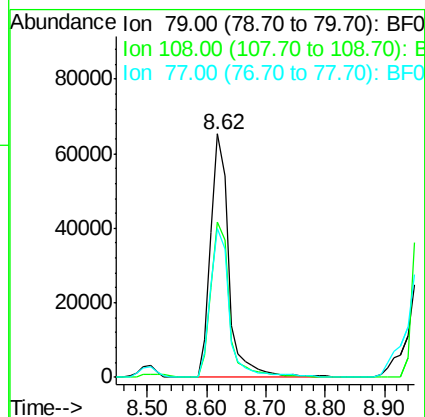
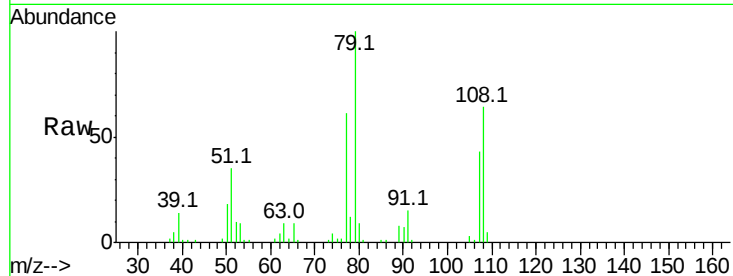




#15
Benzyl Alcohol
Concen: 45.96 ng
RT: 8.62 min Scan# 659
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

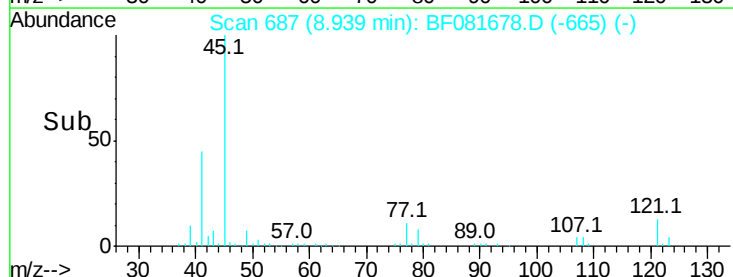
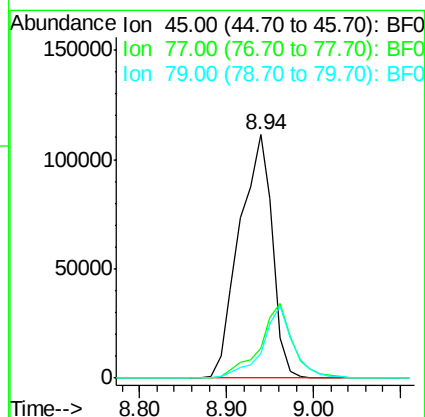
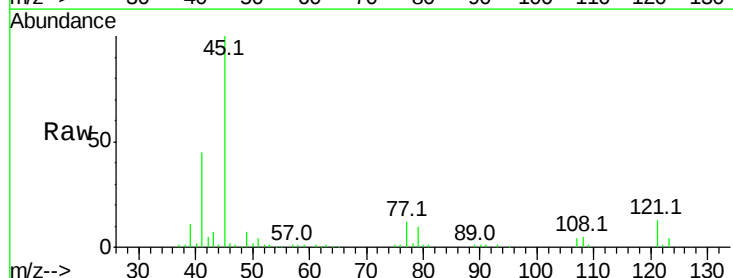
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

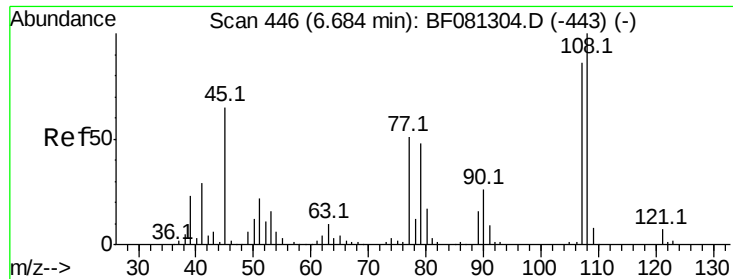
Tgt Ion: 79 Resp: 140470
Ion Ratio Lower Upper
79 100
108 63.7 88.6 132.8#
77 61.1 47.0 70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.31 ng
RT: 8.94 min Scan# 687
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion: 45 Resp: 294584
Ion Ratio Lower Upper
45 100
77 12.3 0.0 28.1
79 10.1 0.0 26.0

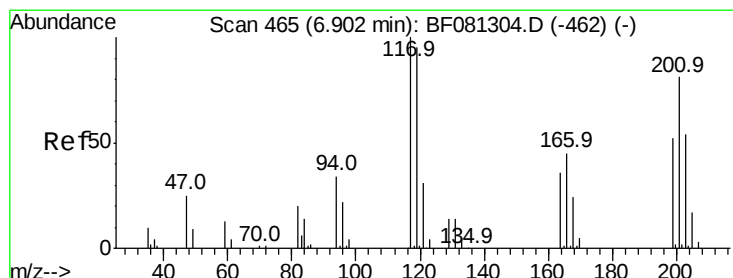
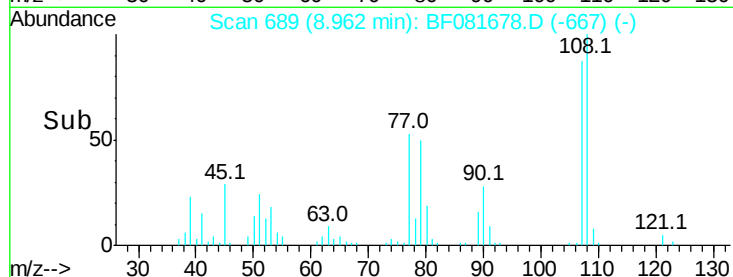
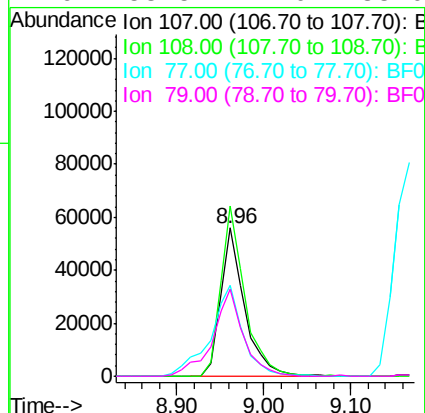
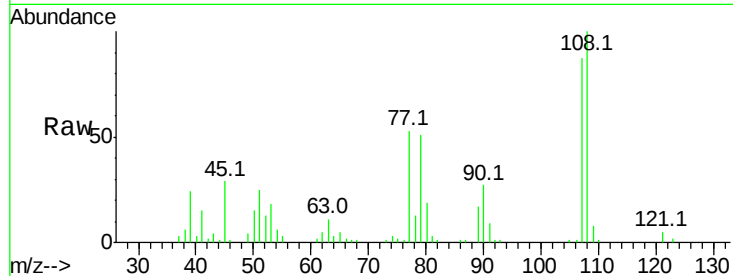




#17
 2-Methylphenol
 Concen: 43.67 ng
 RT: 8.96 min Scan# 689
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

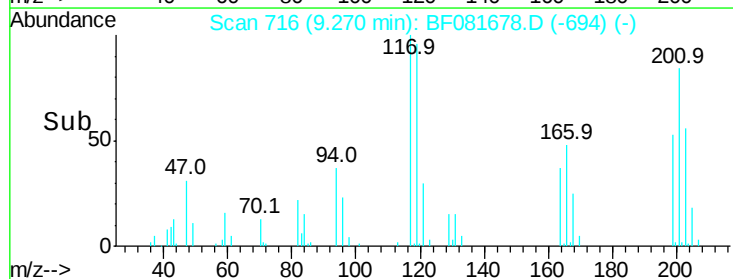
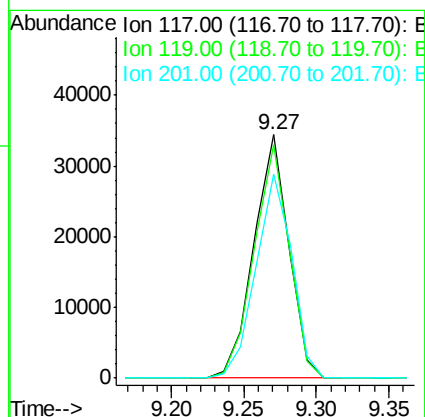
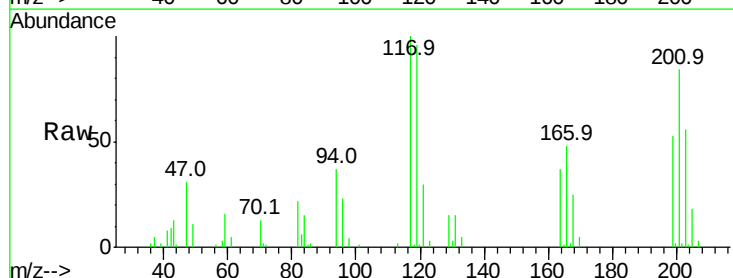
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

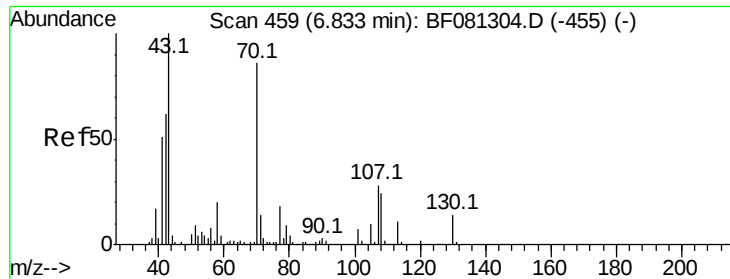
Tgt Ion:107 Resp: 108066
 Ion Ratio Lower Upper
 107 100
 108 115.0 96.6 145.0
 77 61.1 23.3 34.9#
 79 58.5 22.0 33.0#



#18
 Hexachloroethane
 Concen: 43.82 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion:117 Resp: 57519
 Ion Ratio Lower Upper
 117 100
 119 95.8 83.8 125.6
 201 83.8 55.1 82.7#

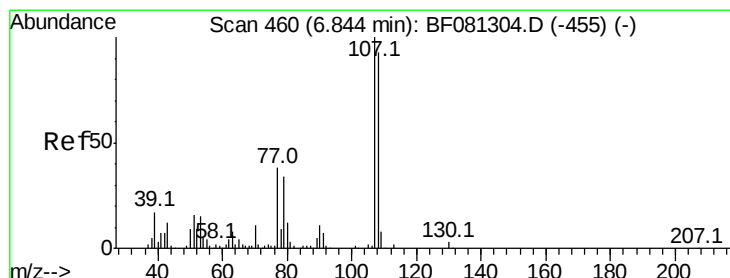
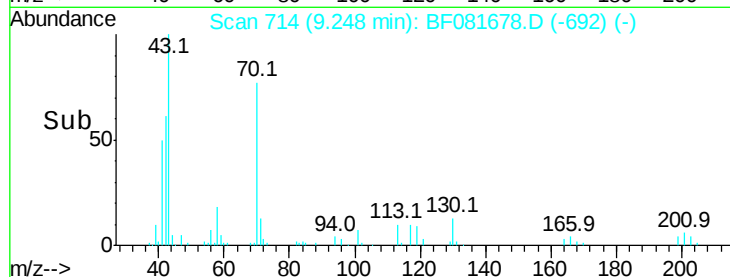
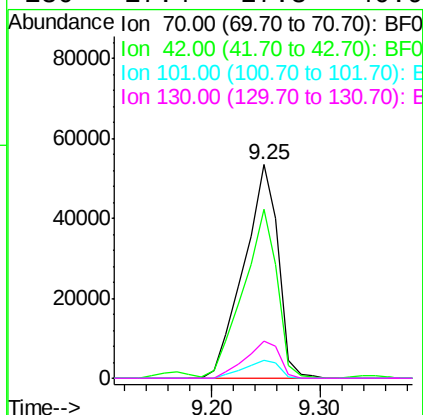
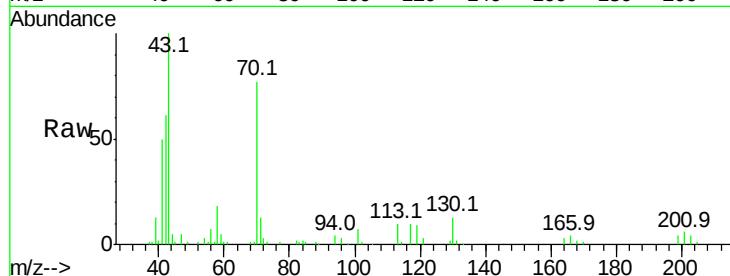




#19
n-Nitroso-di-n-propylamine
Concen: 46.22 ng
RT: 9.25 min Scan# 714
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

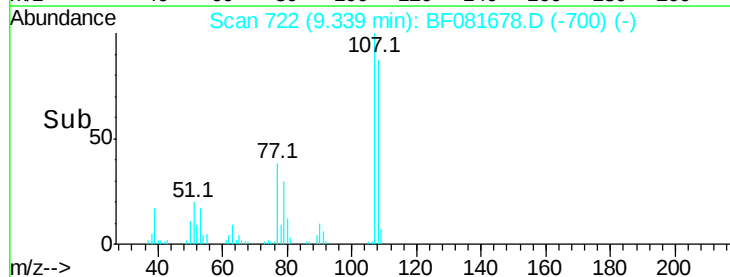
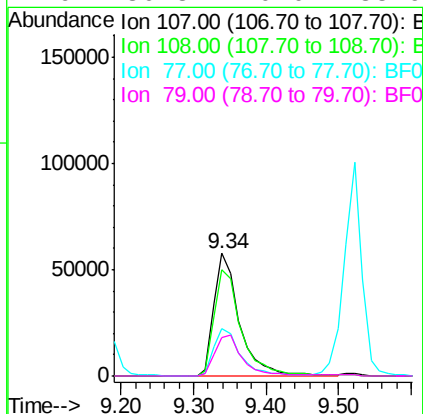
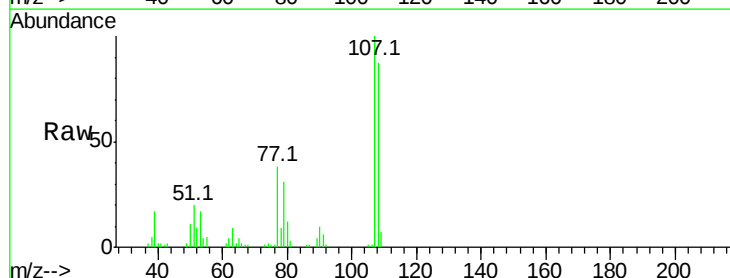
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

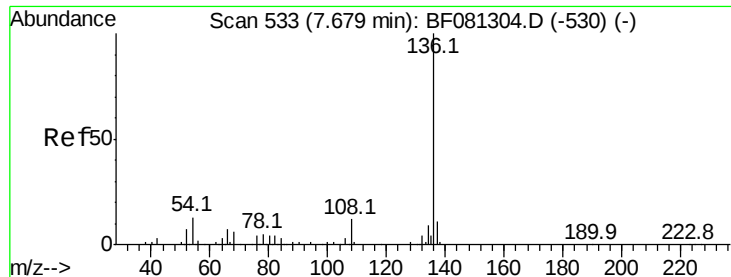
Tgt Ion: 70 Resp: 117196
Ion Ratio Lower Upper
70 100
42 79.0 63.8 95.6
101 8.6 9.2 13.8#
130 17.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 42.44 ng
RT: 9.34 min Scan# 722
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion: 107 Resp: 141583
Ion Ratio Lower Upper
107 100
108 86.7 74.6 114.6
77 38.2 0.7 40.7
79 30.8 0.0 38.9

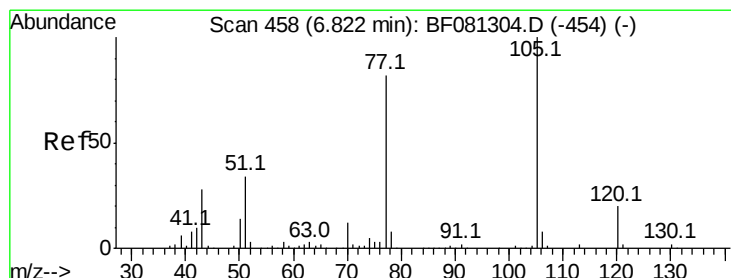
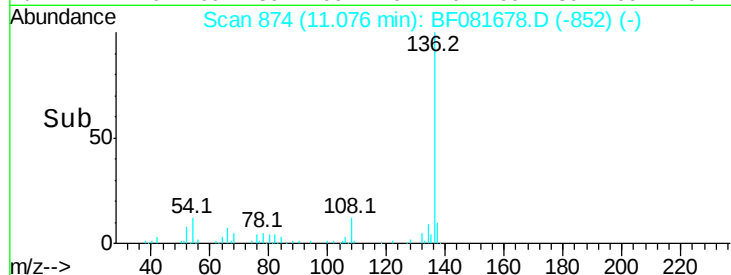
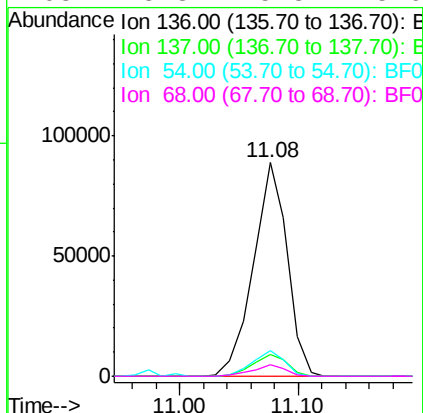
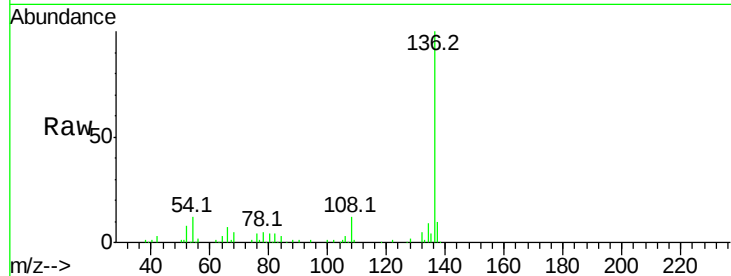




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

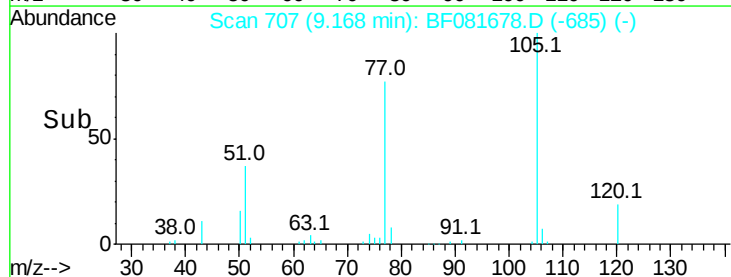
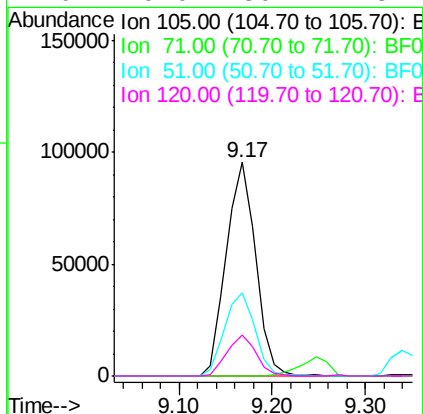
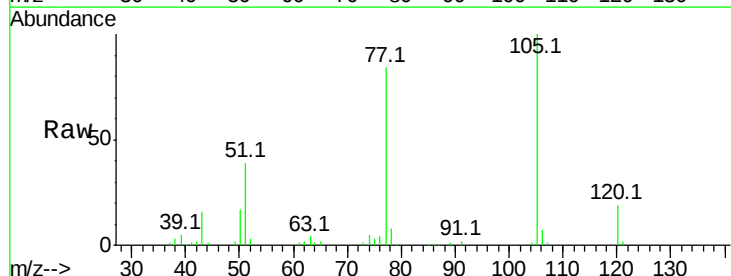
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

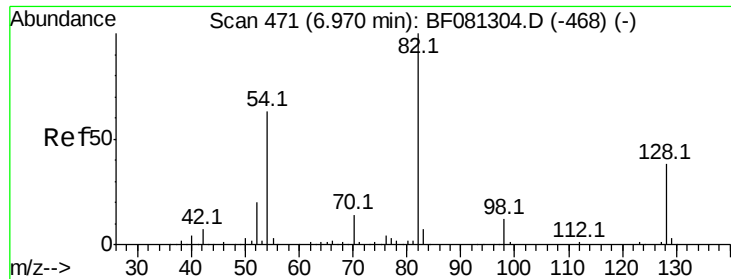
Tgt Ion:	136	Resp:	175901
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	11.9	8.2	12.2
68	5.3	5.8	8.6#



#22
Acetophenone
Concen: 43.62 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion:	105	Resp:	209553
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	39.0	22.0	33.0#
120	19.0	30.1	45.1#

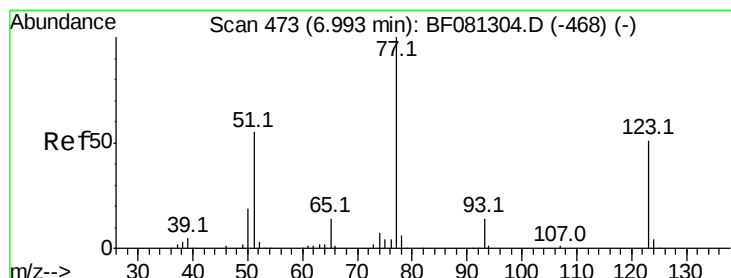
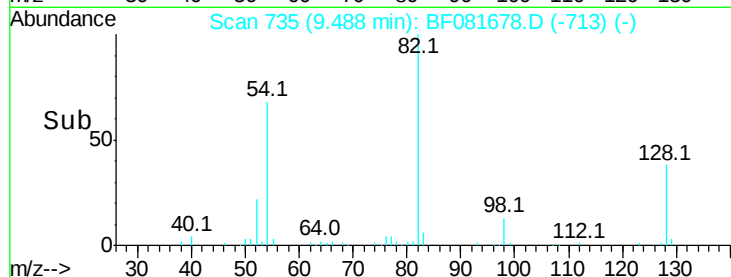
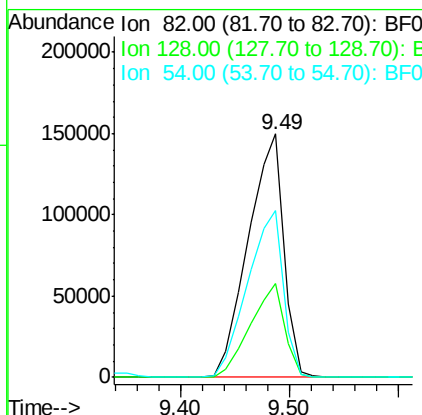
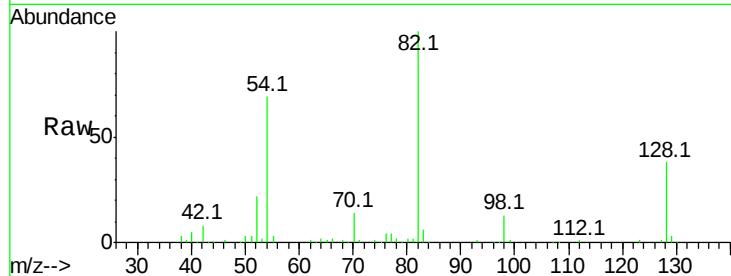




#23
 Nitrobenzene-d5
 Concen: 93.09 ng
 RT: 9.49 min Scan# 735
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

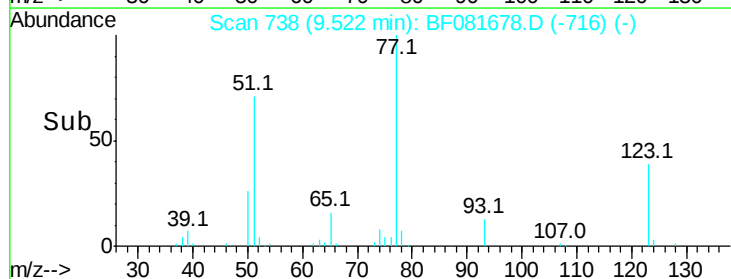
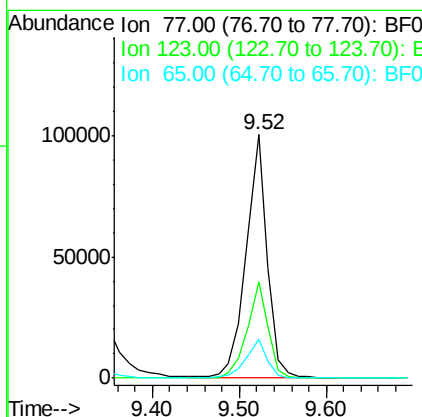
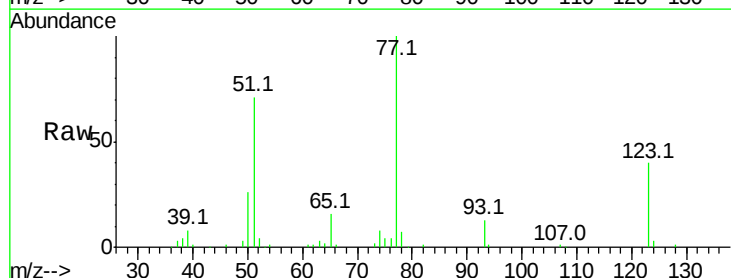
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

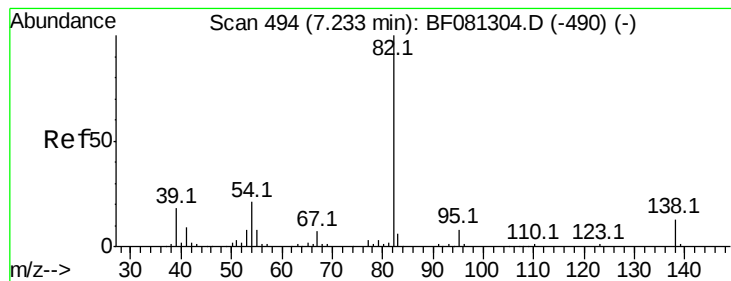
Tgt Ion: 82 Resp: 339393
 Ion Ratio Lower Upper
 82 100
 128 38.3 51.0 76.6#
 54 68.5 47.5 71.3



#24
 Nitrobenzene
 Concen: 45.46 ng
 RT: 9.52 min Scan# 738
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion: 77 Resp: 172130
 Ion Ratio Lower Upper
 77 100
 123 39.8 59.8 89.8#
 65 15.9 10.2 15.4#





#25

Isophorone

Concen: 44.56 ng

RT: 10.12 min Scan# 790

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

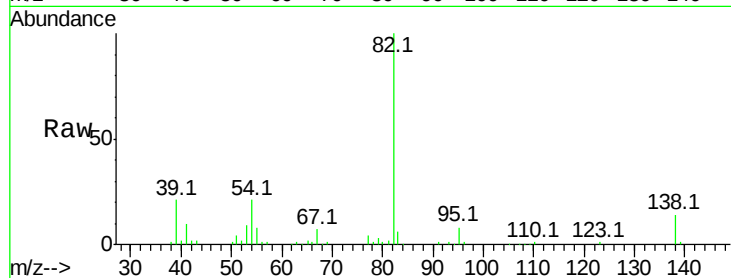
Tgt Ion: 82 Resp: 302145

Ion Ratio Lower Upper

82 100

95 7.9 4.0 6.0#

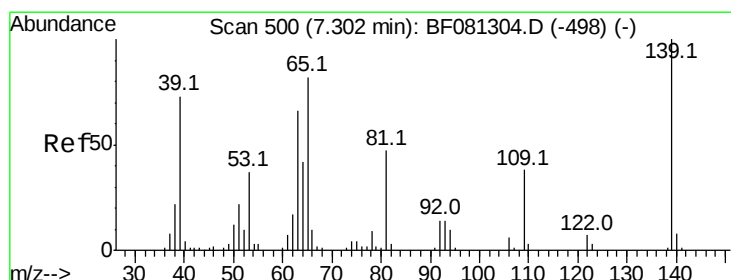
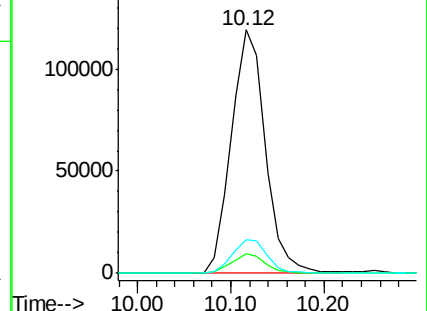
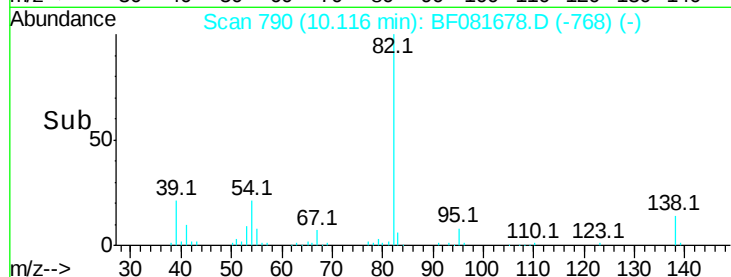
138 14.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.23 ng

RT: 10.25 min Scan# 802

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

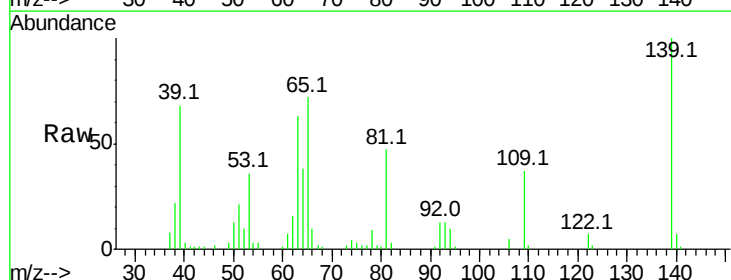
Tgt Ion: 139 Resp: 68031

Ion Ratio Lower Upper

139 100

109 37.4 11.0 16.4#

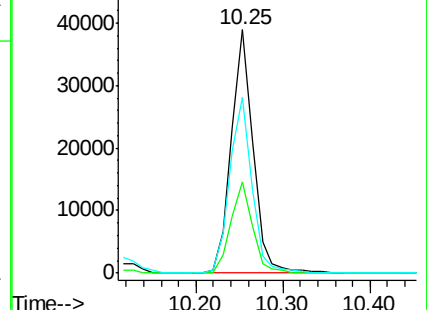
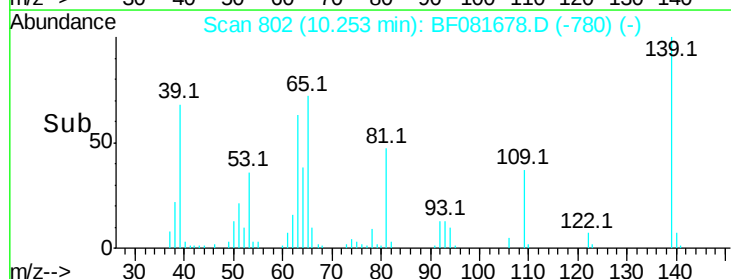
65 72.4 24.7 37.1#

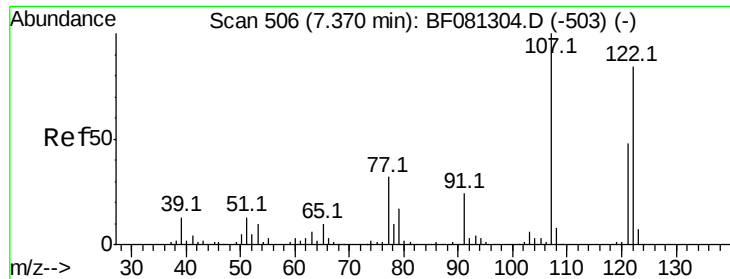


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

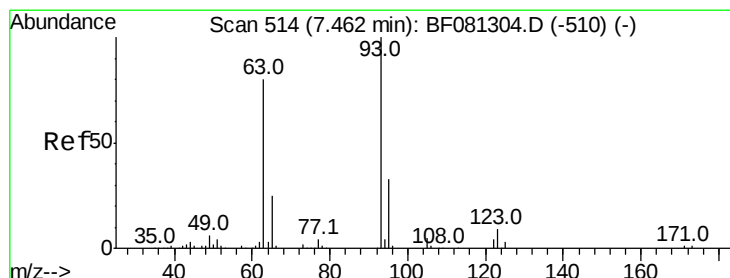
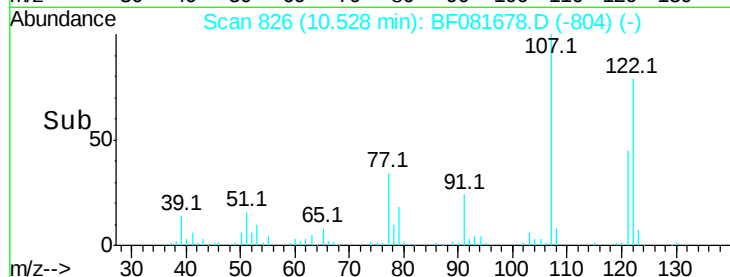
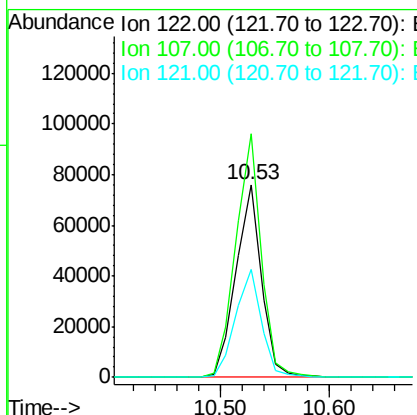
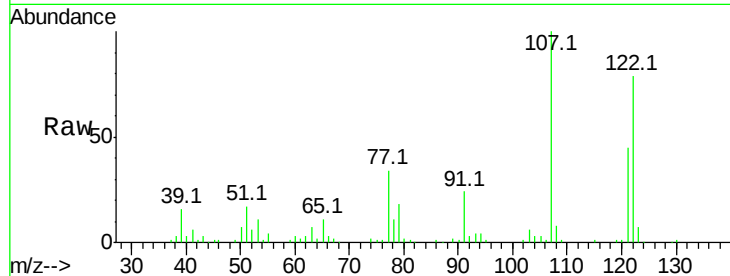




#27
 2,4-Dimethylphenol
 Concen: 43.26 ng
 RT: 10.53 min Scan# 826
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

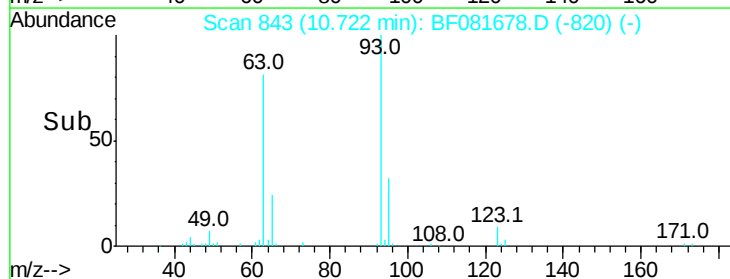
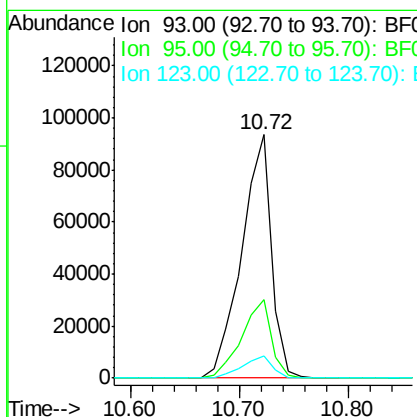
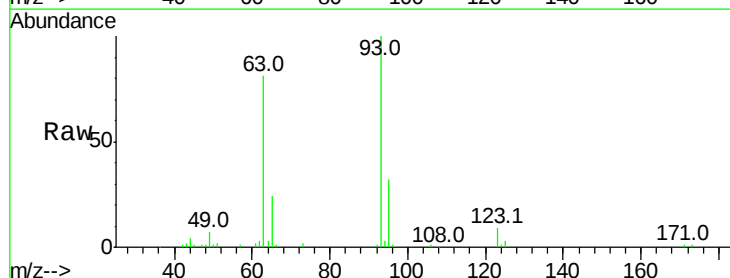
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

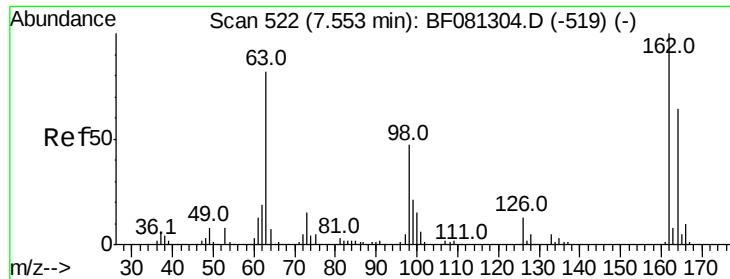
Tgt Ion: 122 Resp: 123308
 Ion Ratio Lower Upper
 122 100
 107 126.5 71.8 107.6#
 121 56.3 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.52 ng
 RT: 10.72 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion: 93 Resp: 178301
 Ion Ratio Lower Upper
 93 100
 95 32.0 27.5 41.3
 123 9.3 13.7 20.5#

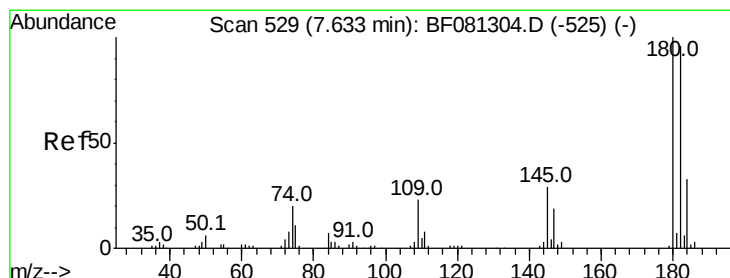
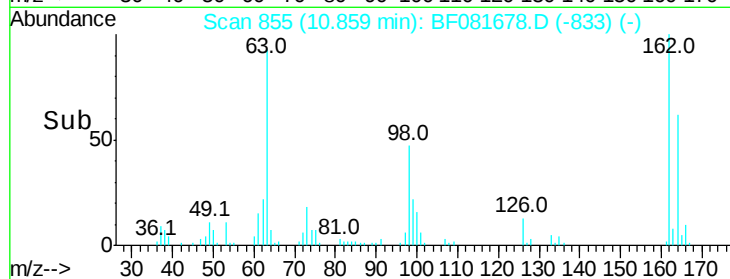
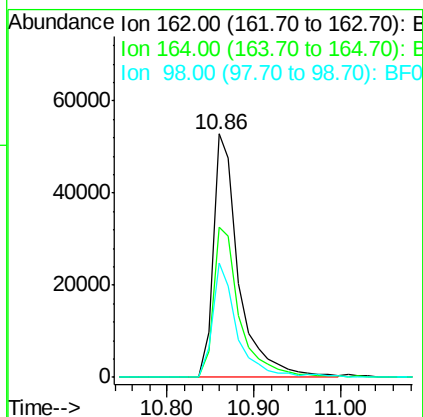
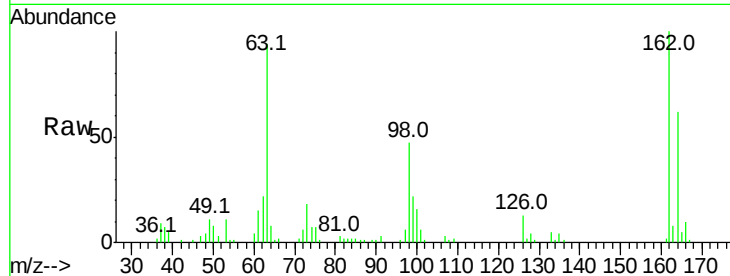




#29
 2,4-Dichlorophenol
 Concen: 44.11 ng
 RT: 10.86 min Scan# 855
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

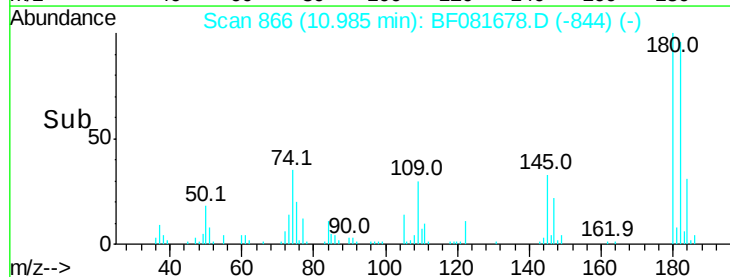
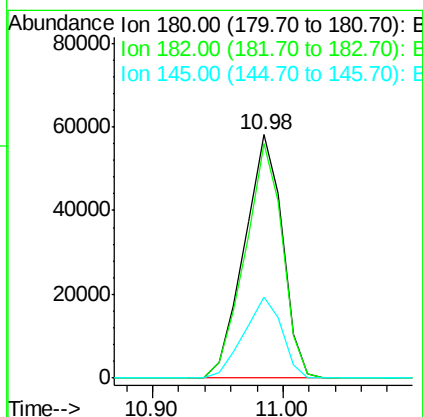
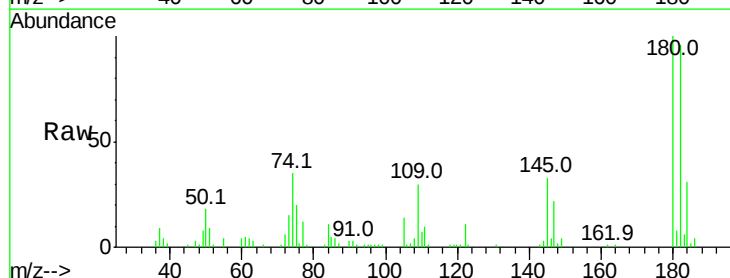
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

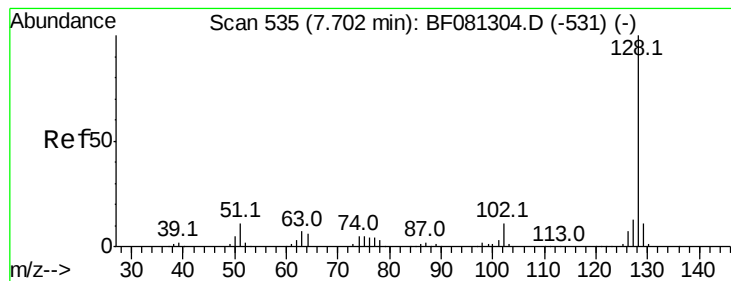
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.9	84.9
98	46.8	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.02 ng
 RT: 10.98 min Scan# 866
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.1	115.7
145	33.2	23.3	34.9





#31

Naphthalene

Concen: 86.42 ng

RT: 11.13 min Scan# 879

Delta R.T. -0.03 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

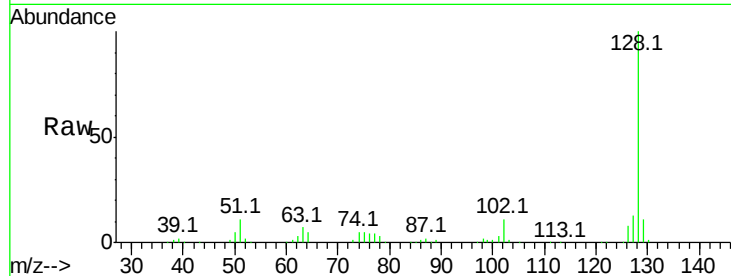
Tgt Ion:128 Resp: 810667

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

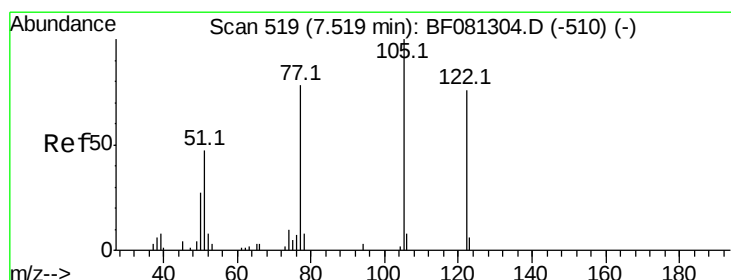
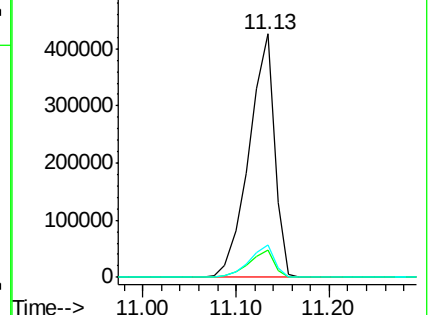
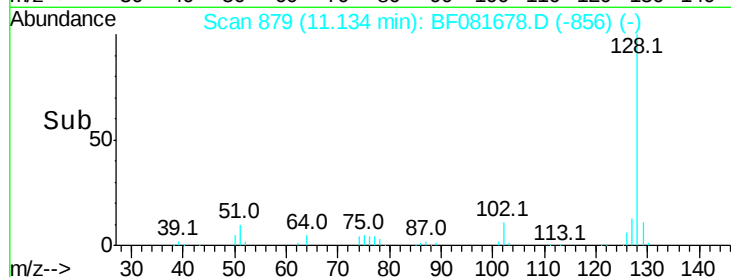
127 13.4 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.24 ng

RT: 11.02 min Scan# 869

Delta R.T. -0.07 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

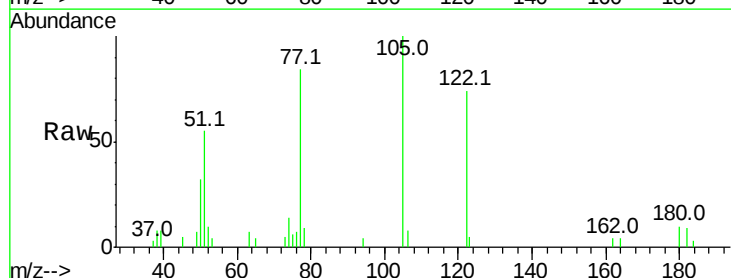
Tgt Ion:122 Resp: 46630

Ion Ratio Lower Upper

122 100

105 135.4 76.1 116.1#

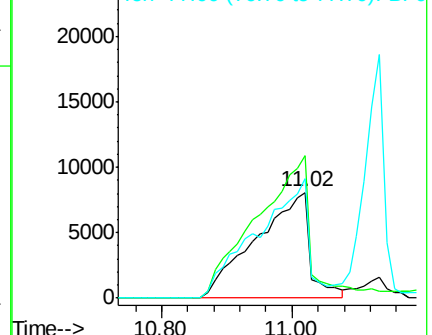
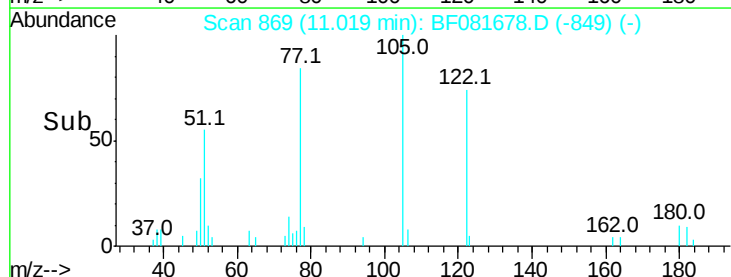
77 113.2 40.5 80.5#

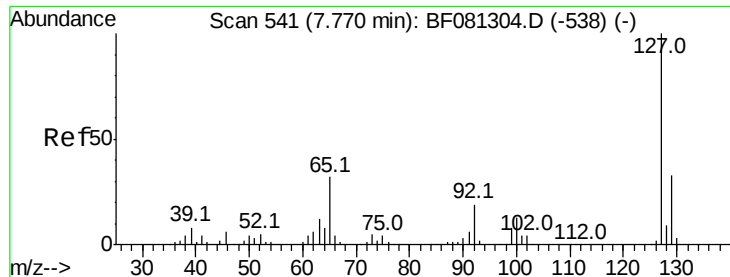


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

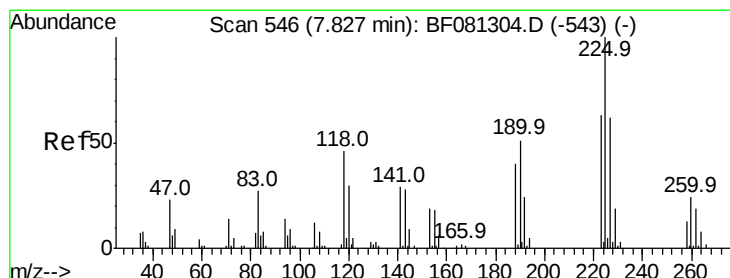
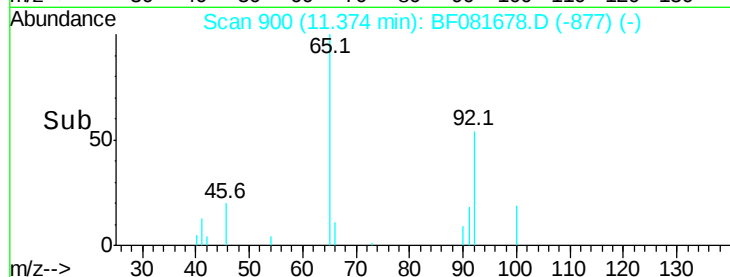
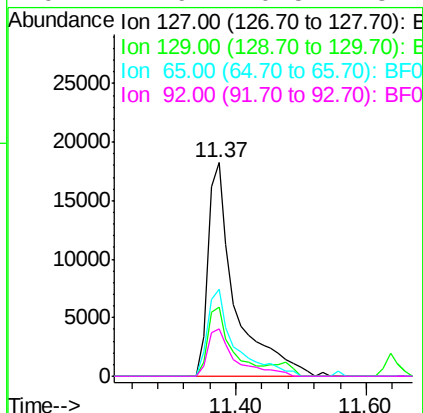
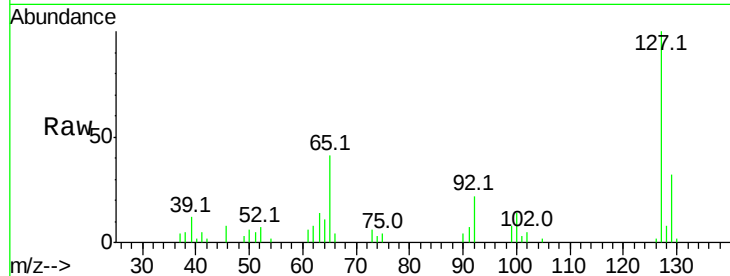




#33
4-Chloroaniline
Concen: 13.81 ng
RT: 11.37 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

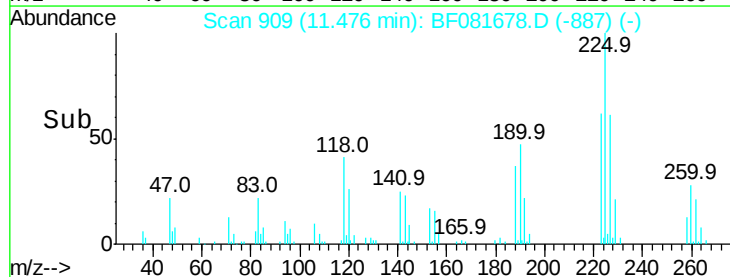
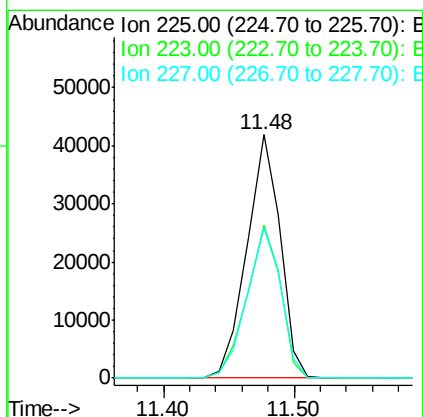
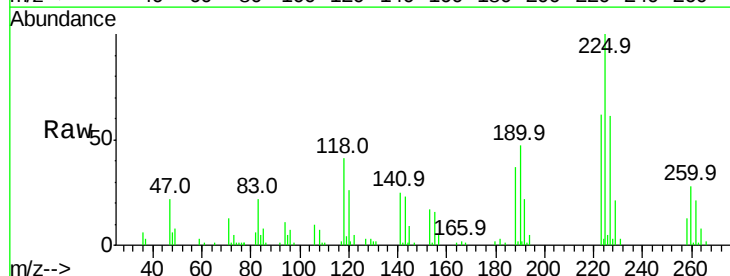
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

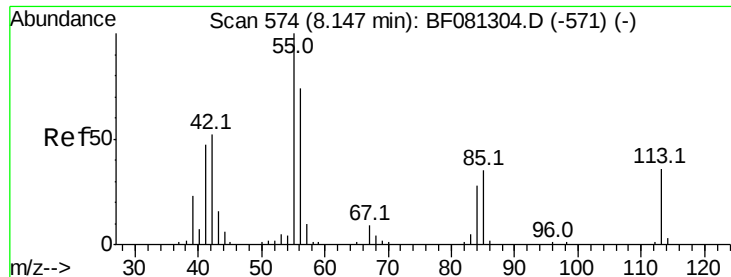
Tgt Ion:127 Resp: 52831
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.6
65 40.8 17.9 26.9#
92 21.9 10.5 15.7#



#34
Hexachlorobutadiene
Concen: 45.72 ng
RT: 11.48 min Scan# 909
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion:225 Resp: 74708
Ion Ratio Lower Upper
225 100
223 62.5 50.2 75.2
227 61.5 52.2 78.2

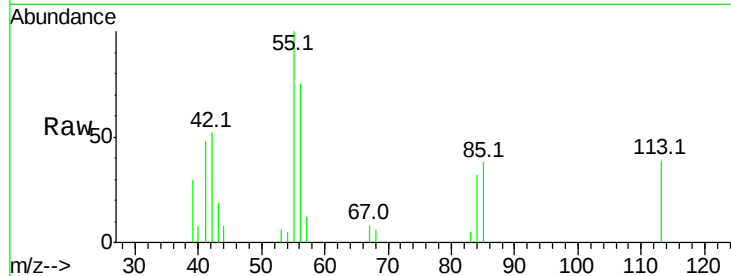




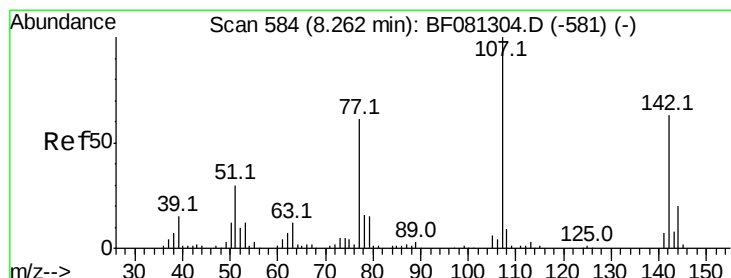
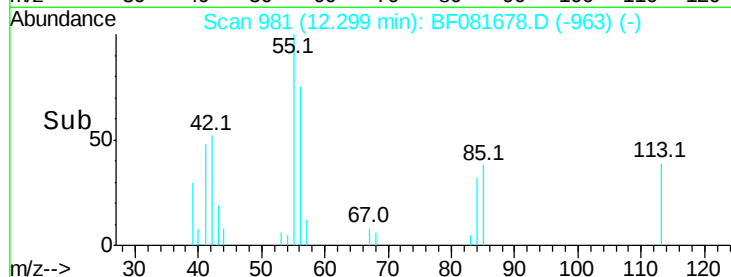
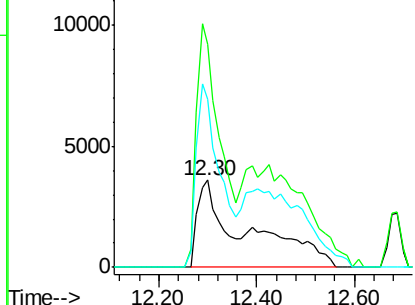
#35
 Caprolactam
 Concen: 32.99 ng m
 RT: 12.30 min Scan# 981
 Delta R.T. -0.09 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

Tgt Ion:113 Resp: 25004
 Ion Ratio Lower Upper
 113 100
 55 255.1 152.4 192.4#
 56 192.2 104.6 144.6#

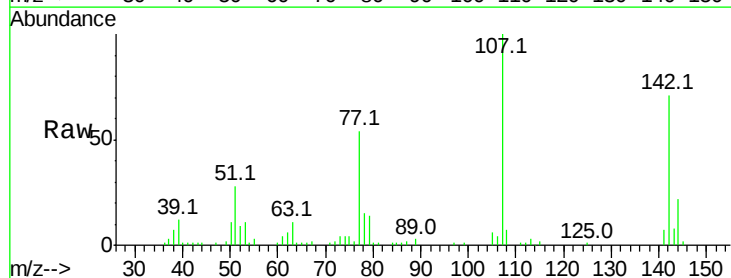


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

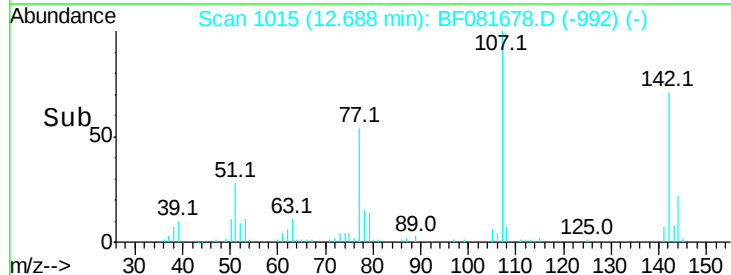
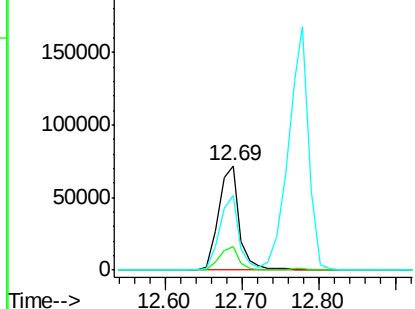


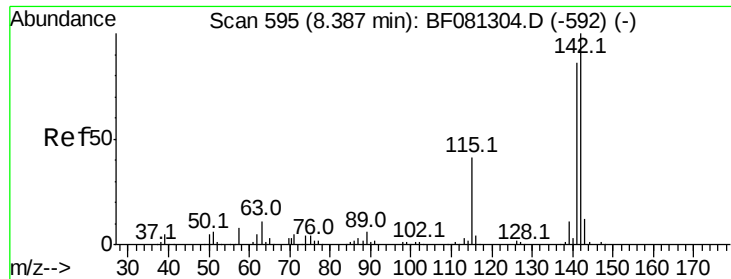
#36
 4-Chloro-3-methylphenol
 Concen: 49.35 ng
 RT: 12.69 min Scan# 1015
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion:107 Resp: 136524
 Ion Ratio Lower Upper
 107 100
 144 22.1 25.4 38.0#
 142 71.1 77.3 115.9#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.04 ng

RT: 12.78 min Scan# 1023

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

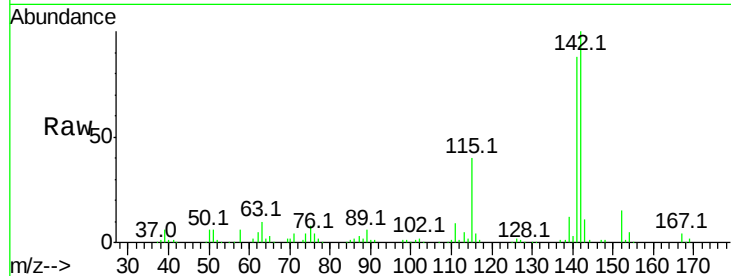
Tgt Ion:142 Resp: 311609

Ion Ratio Lower Upper

142 100

141 87.9 67.5 101.3

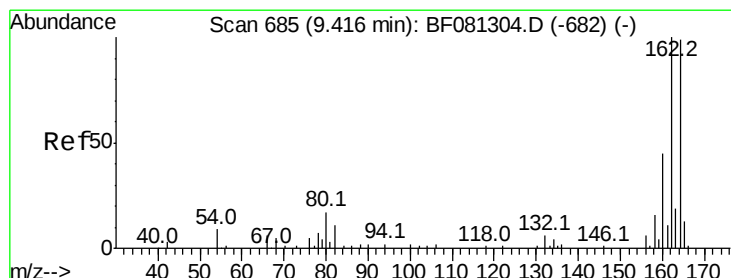
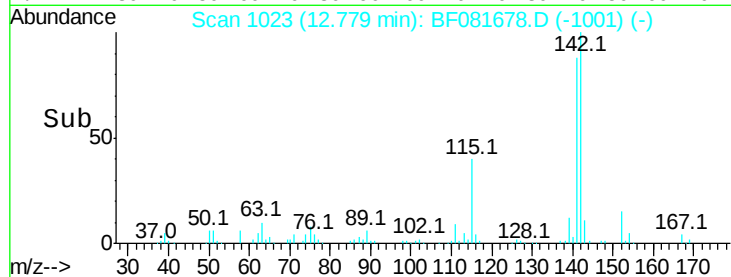
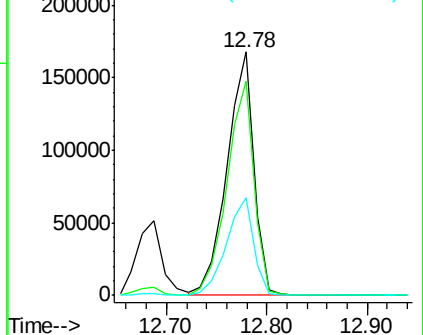
115 40.1 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.20 min Scan# 1235

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

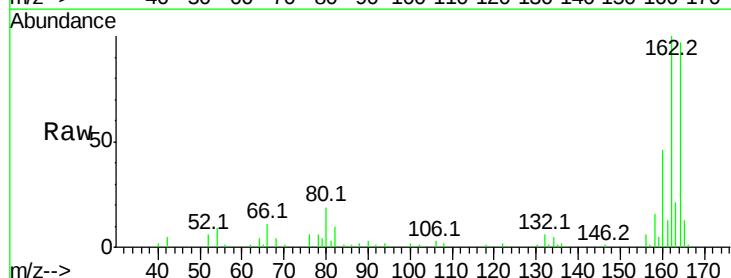
Tgt Ion:164 Resp: 84611

Ion Ratio Lower Upper

164 100

162 103.6 75.2 112.8

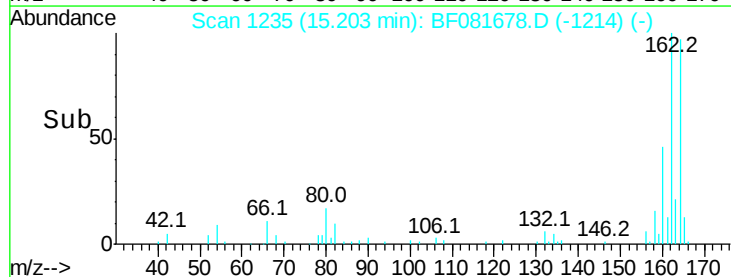
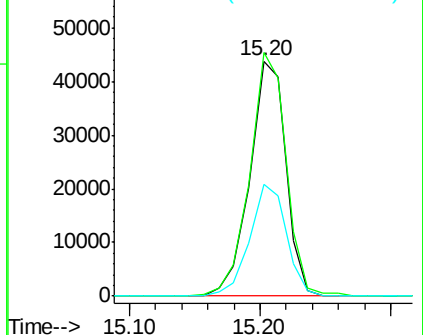
160 47.8 31.5 47.3#

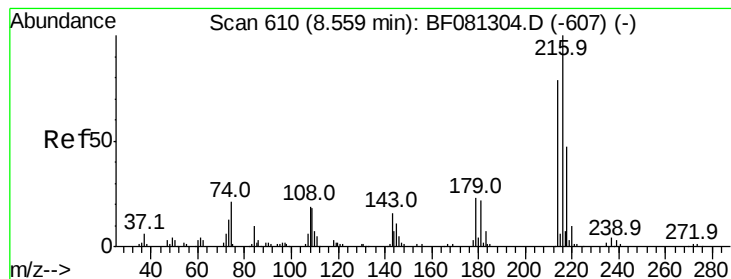


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.69 ng

RT: 13.18 min Scan# 1058

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

Tgt Ion:216 Resp: 119592

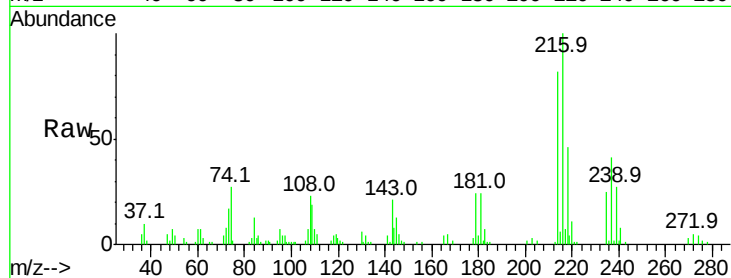
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 22.7 16.6 24.8

108 23.5 16.3 24.5

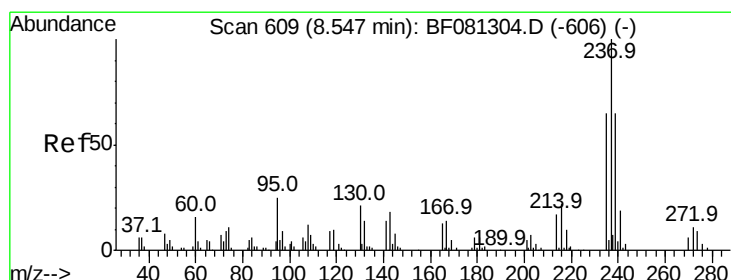
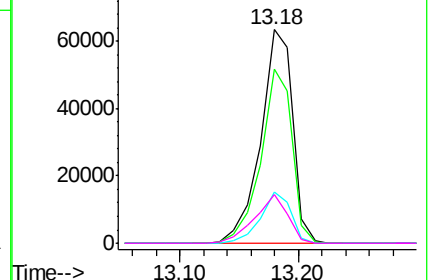
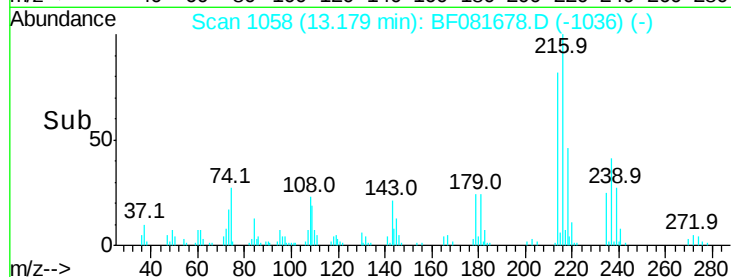


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.20 ng

RT: 13.17 min Scan# 1057

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

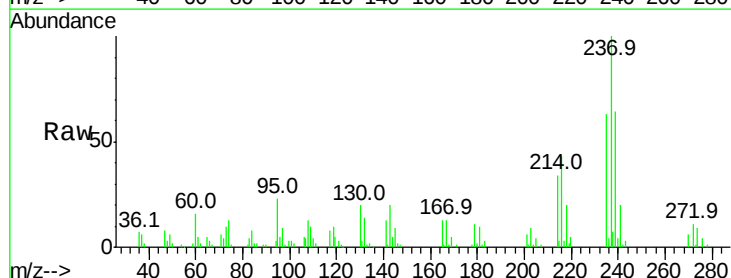
Tgt Ion:237 Resp: 121076

Ion Ratio Lower Upper

237 100

235 63.1 42.0 82.0

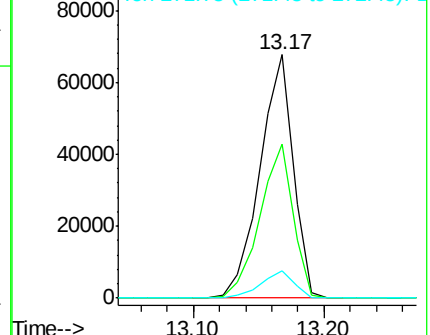
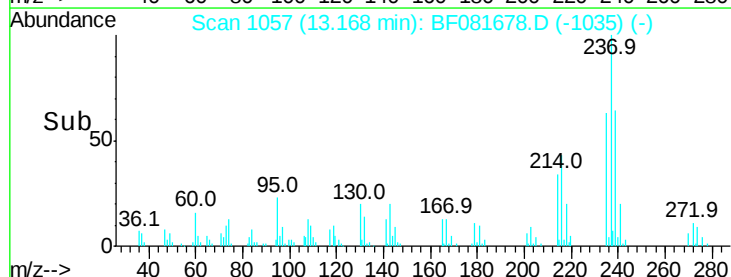
272 11.2 0.0 36.1

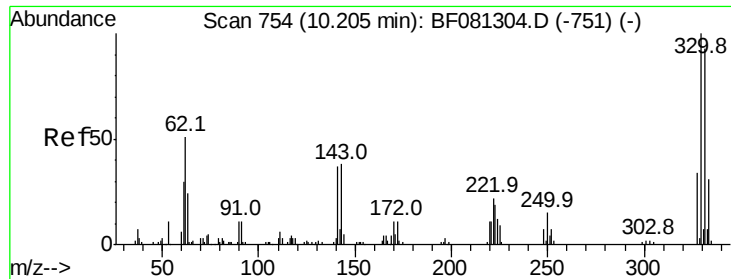


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

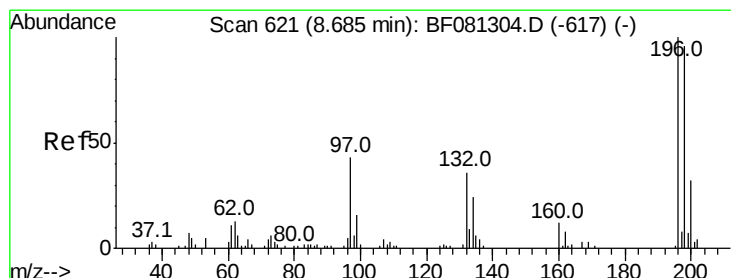
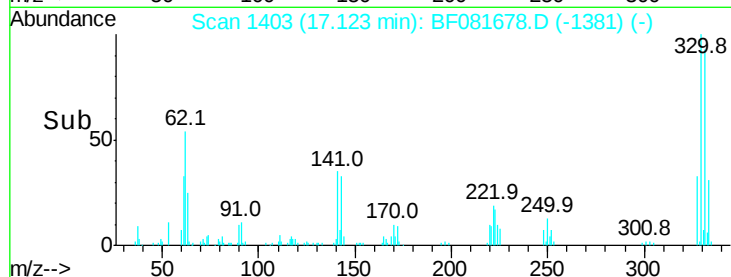
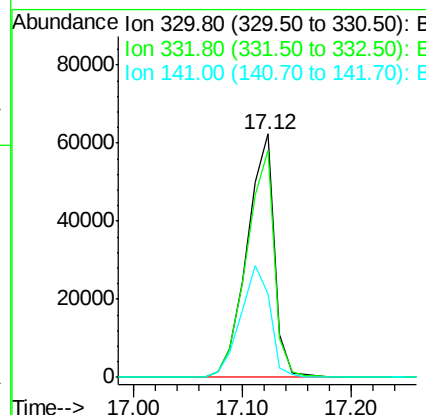
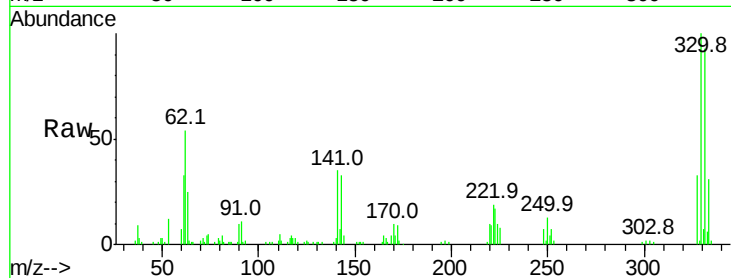




#41
 2,4,6-Tribromophenol
 Concen: 144.26 ng
 RT: 17.12 min Scan# 1403
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

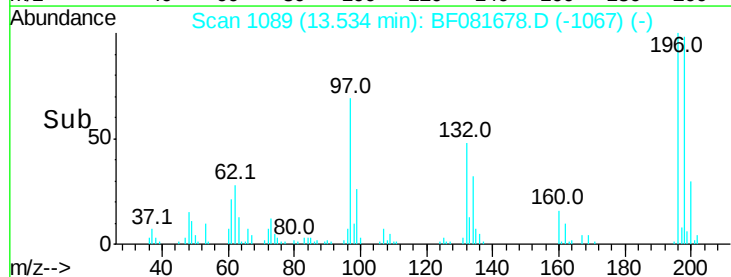
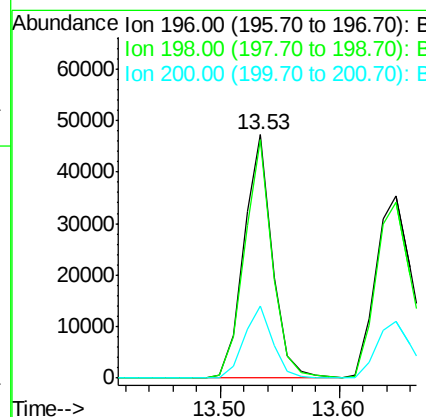
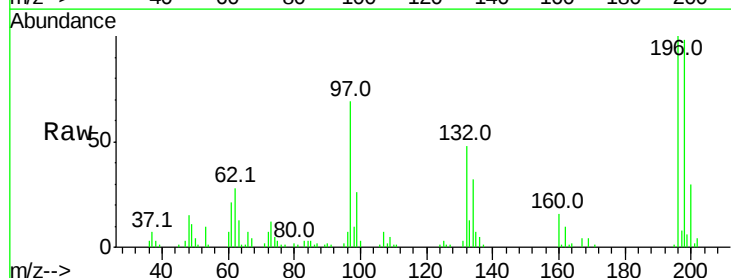
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

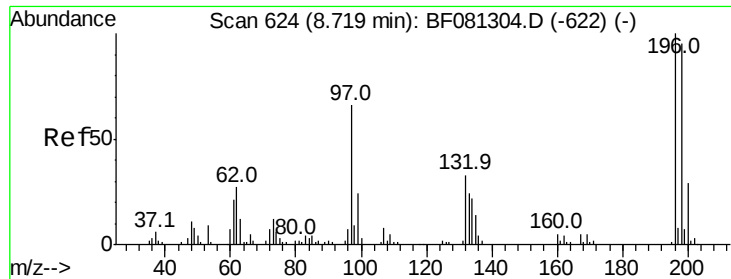
Tgt Ion:330 Resp: 108685
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 49.3 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 42.60 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion:196 Resp: 78672
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.7 113.5
 200 29.6 23.9 35.9

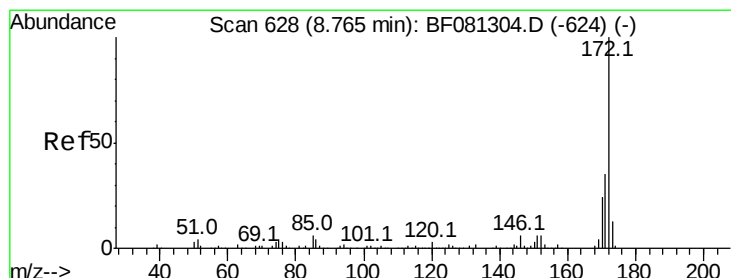
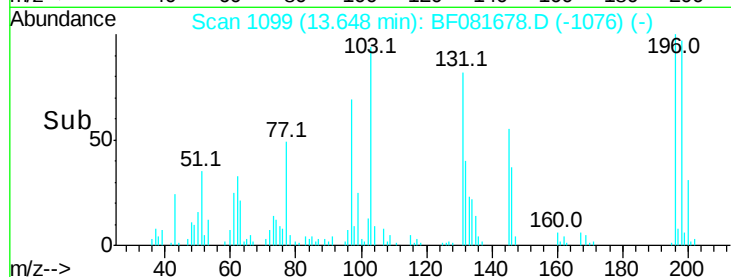
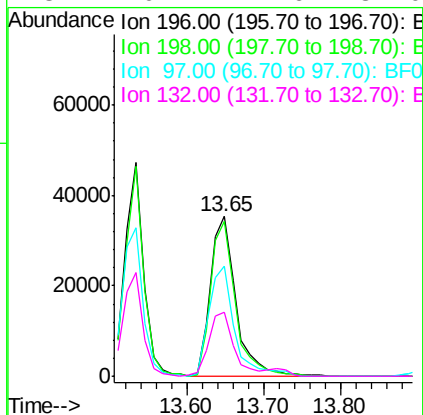
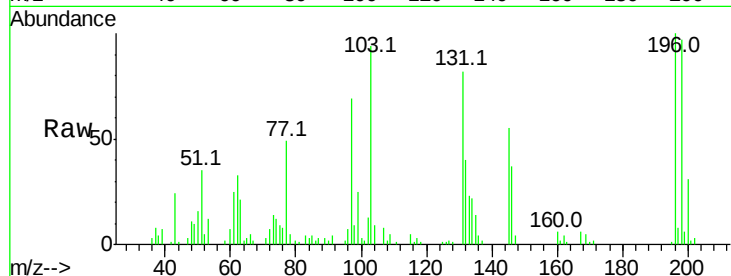




#43
 2,4,5-Trichlorophenol
 Concen: 43.59 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

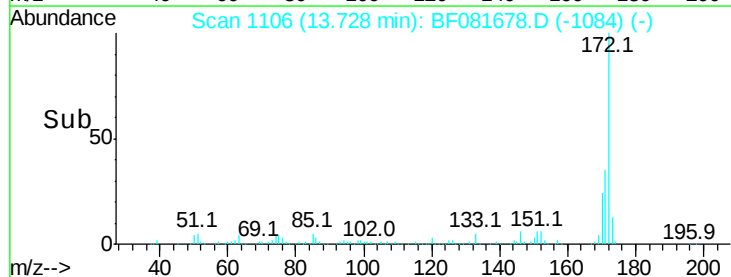
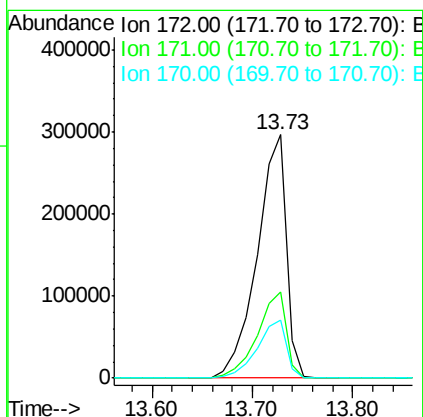
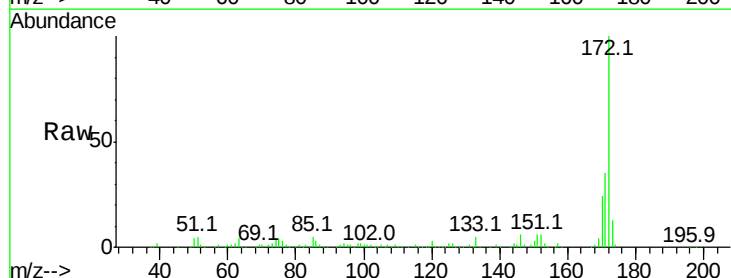
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

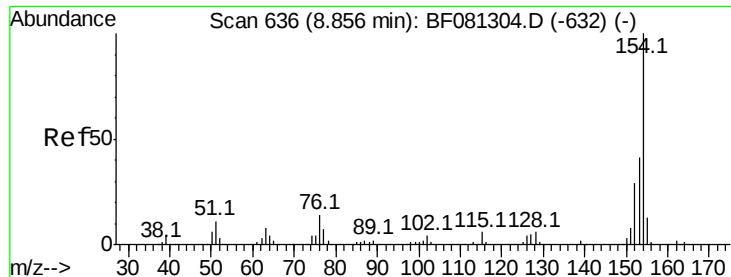
Tgt Ion:196 Resp: 82126
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.4 113.0
 97 68.6 33.3 49.9#
 132 40.2 24.6 37.0#



#44
 2-Fluorobiphenyl
 Concen: 90.63 ng
 RT: 13.73 min Scan# 1106
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion:172 Resp: 598360
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.7 17.4 26.2





#45

1,1'-Biphenyl

Concen: 44.01 ng

RT: 13.92 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

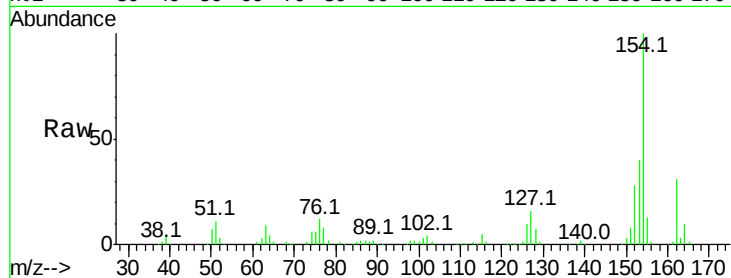
Tgt Ion:154 Resp: 342551

Ion Ratio Lower Upper

154 100

153 39.8 17.1 57.1

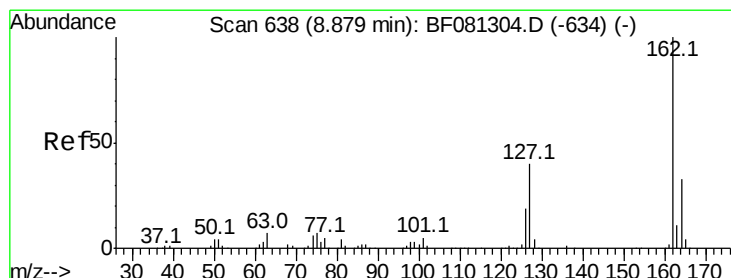
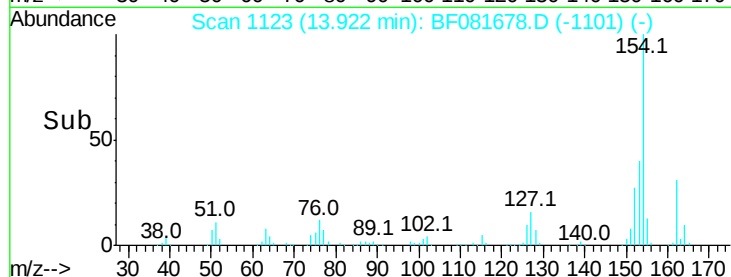
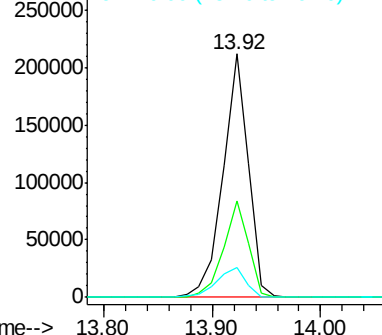
76 12.1 0.0 31.6



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: 44.43 ng

RT: 13.91 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

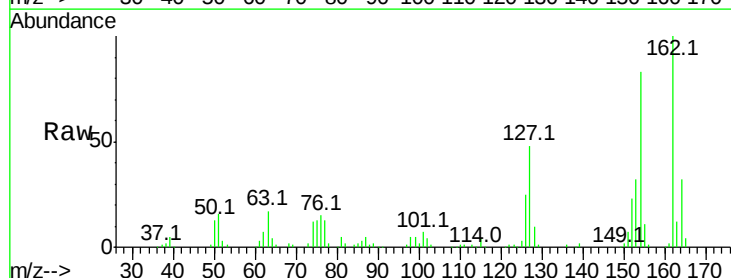
Tgt Ion:162 Resp: 249751

Ion Ratio Lower Upper

162 100

127 47.6 27.6 41.4#

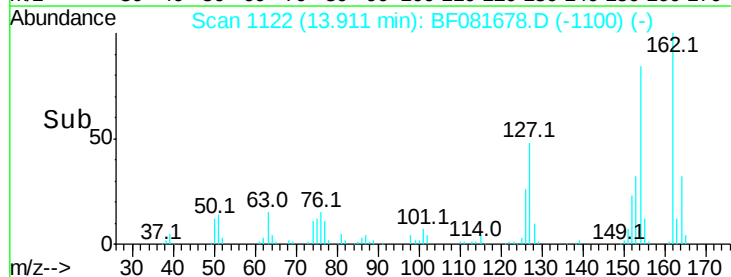
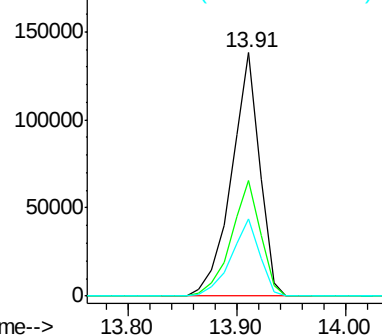
164 31.6 25.4 38.2

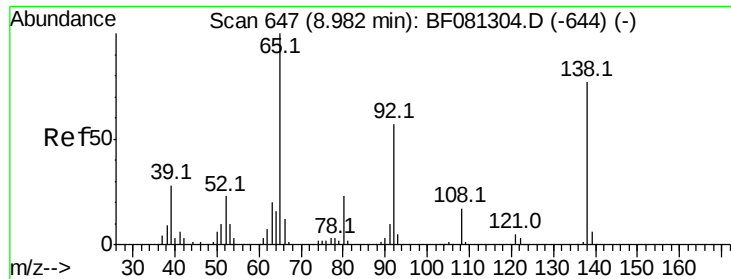


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.30 ng

RT: 14.25 min Scan# 1152

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

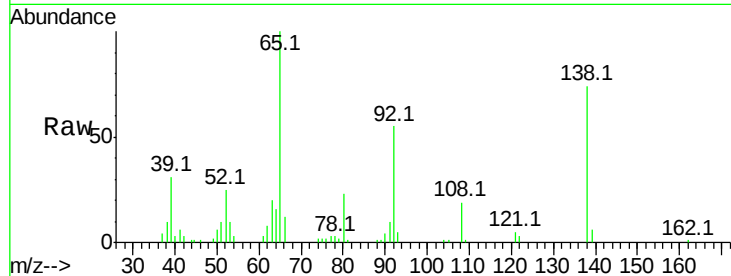
Tgt Ion: 65 Resp: 108358

Ion Ratio Lower Upper

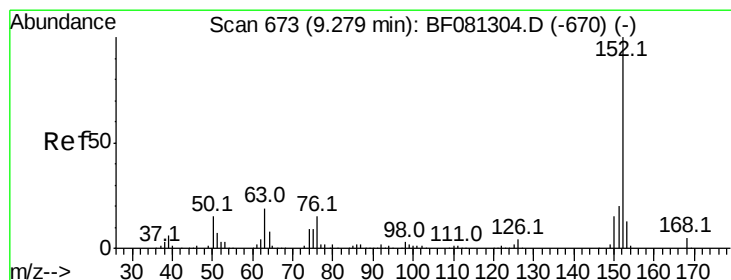
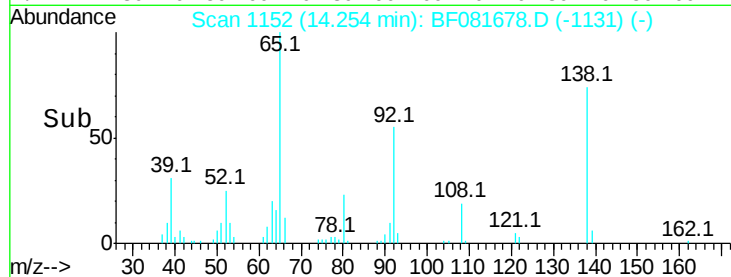
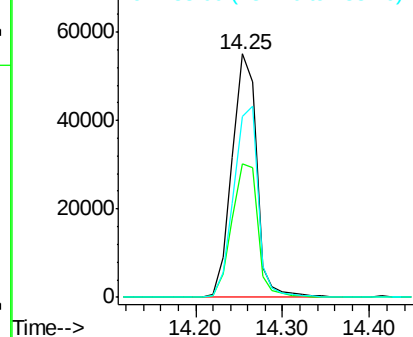
65 100

92 55.0 55.4 83.0#

138 74.1 115.5 173.3#



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



#48

Acenaphthylene

Concen: 46.78 ng

RT: 14.86 min Scan# 1205

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

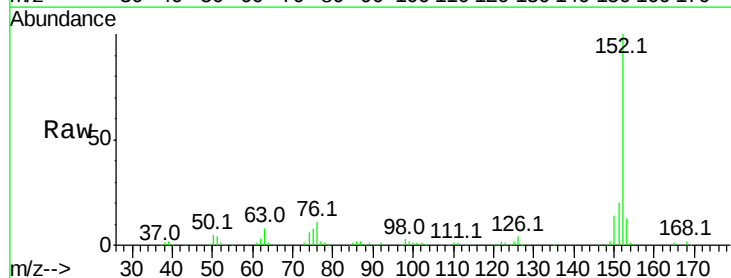
Tgt Ion: 152 Resp: 466563

Ion Ratio Lower Upper

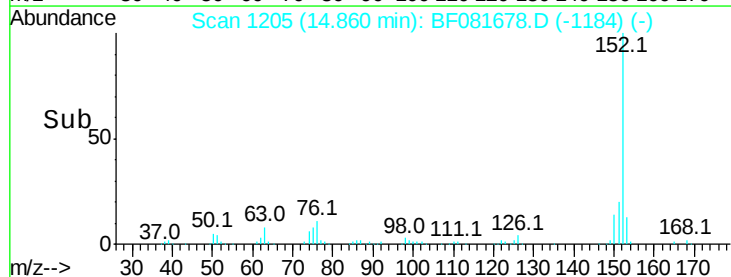
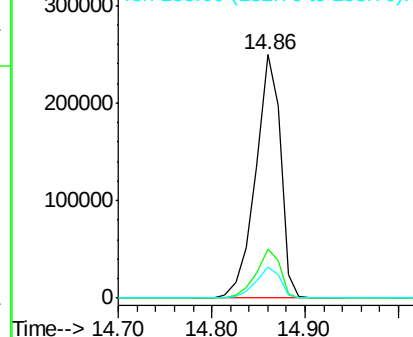
152 100

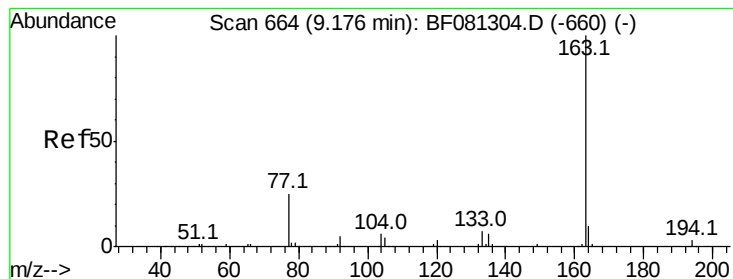
151 20.1 14.6 22.0

153 13.0 10.3 15.5



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: 45.58 ng

RT: 14.80 min Scan# 1200

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

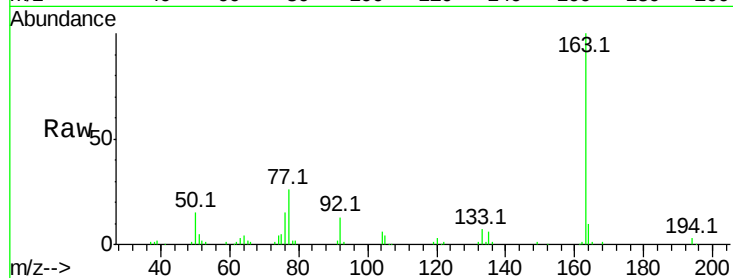
Tgt Ion:163 Resp: 299626

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

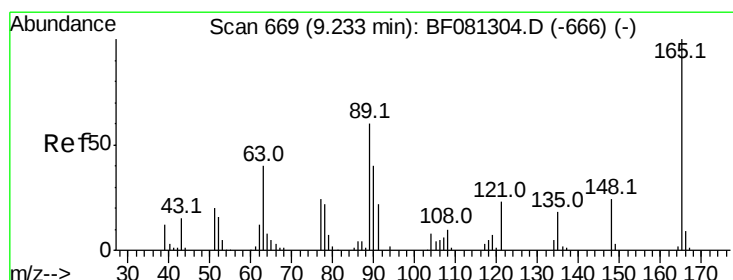
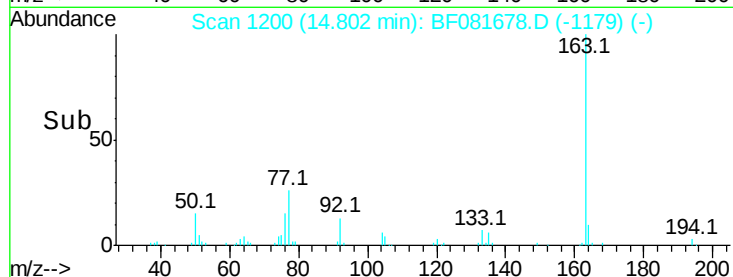
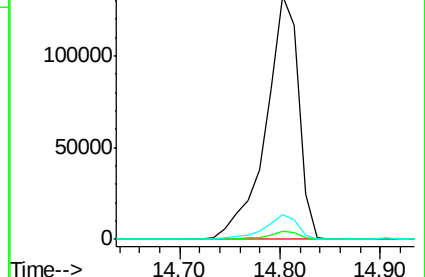
164 10.3 8.3 12.5



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: 42.21 ng

RT: 14.91 min Scan# 1209

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

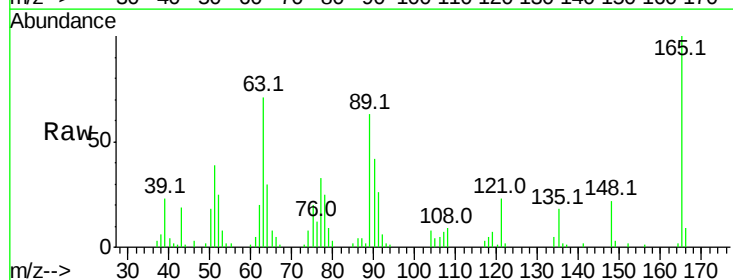
Tgt Ion:165 Resp: 62978

Ion Ratio Lower Upper

165 100

63 71.3 32.3 48.5#

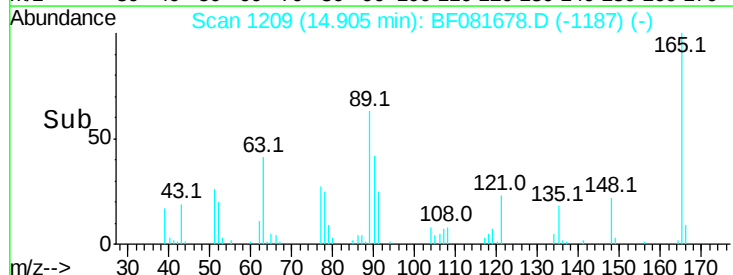
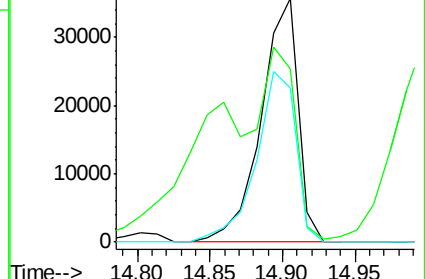
89 63.3 28.6 43.0#

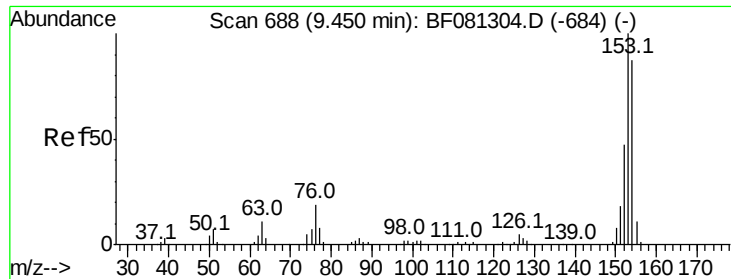


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.22 ng

RT: 15.28 min Scan# 1242

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

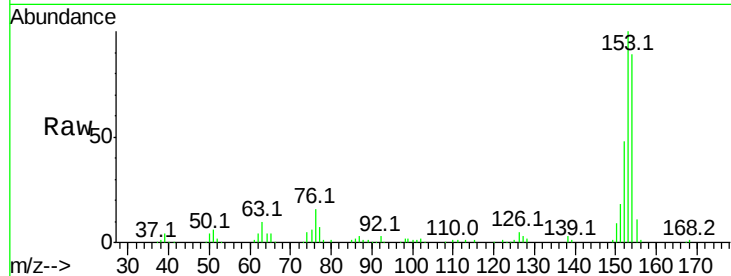
Tgt Ion:154 Resp: 250883

Ion Ratio Lower Upper

154 100

153 112.0 82.1 123.1

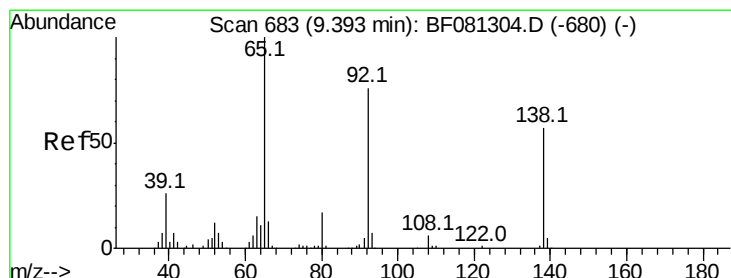
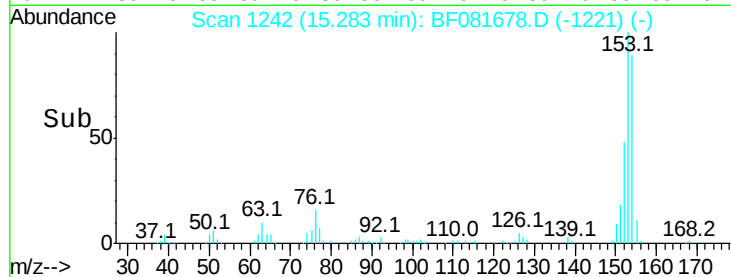
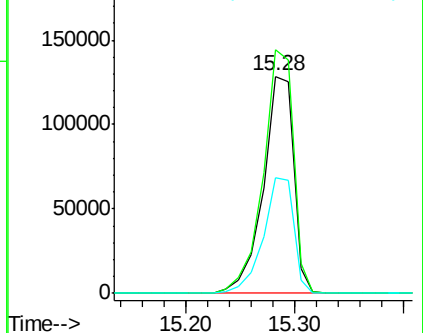
152 53.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.63 ng

RT: 15.26 min Scan# 1240

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

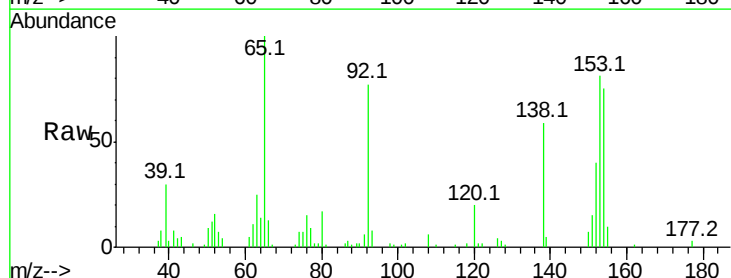
Tgt Ion:138 Resp: 36738

Ion Ratio Lower Upper

138 100

108 10.8 5.7 8.5#

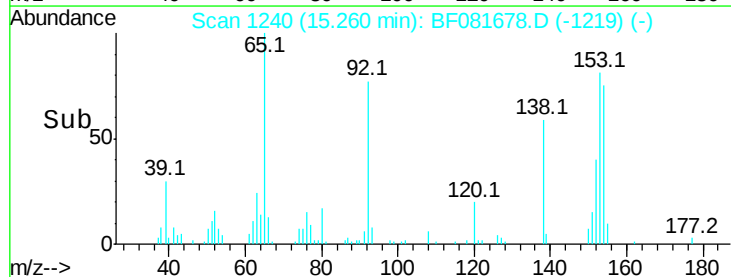
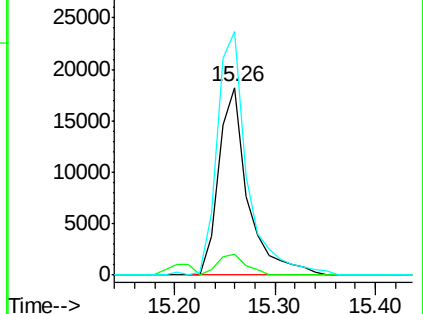
92 129.7 67.7 101.5#

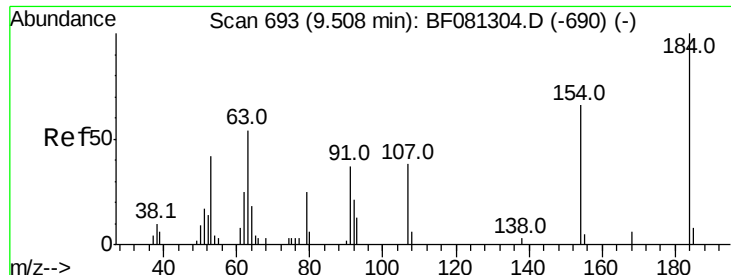


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

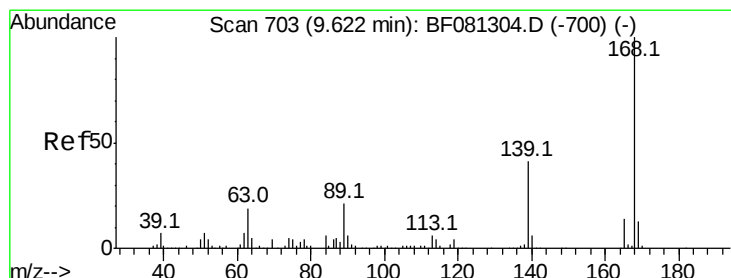
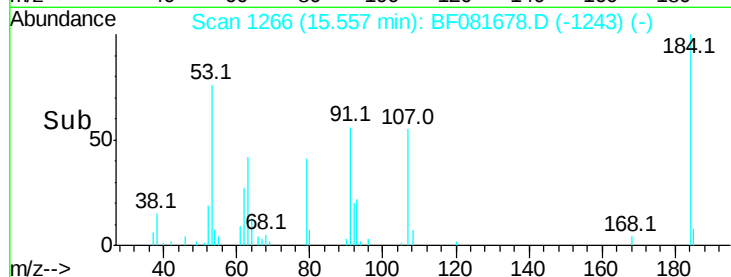
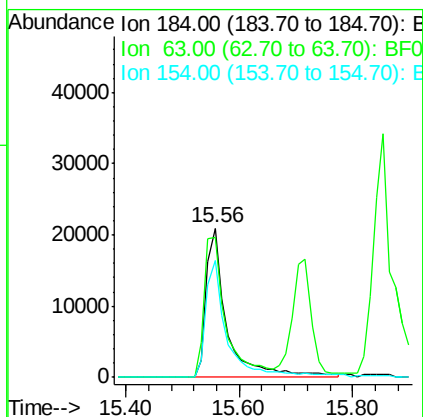
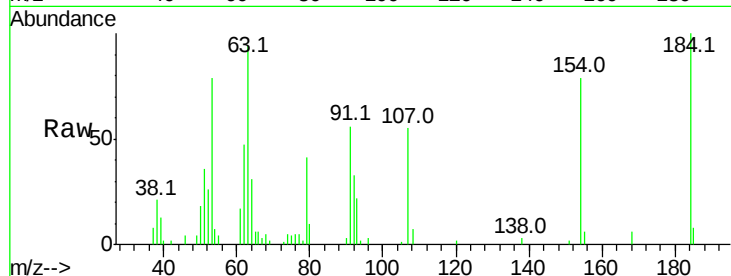




#53
 2,4-Dinitrophenol
 Concen: 69.50 ng
 RT: 15.56 min Scan# 1266
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

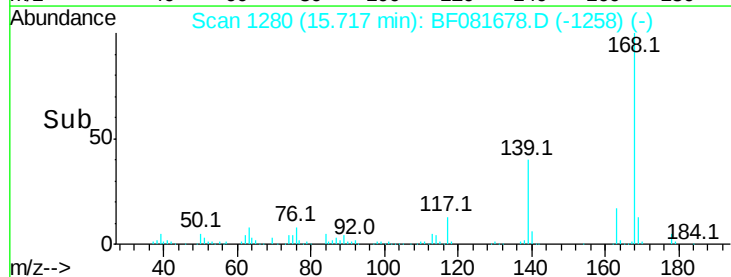
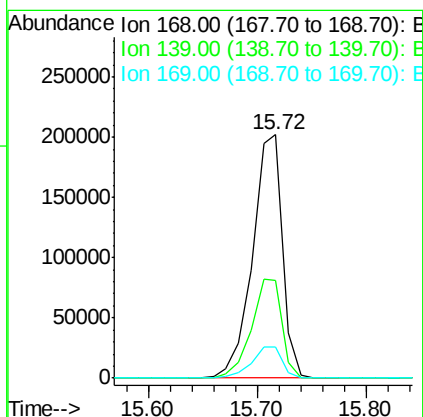
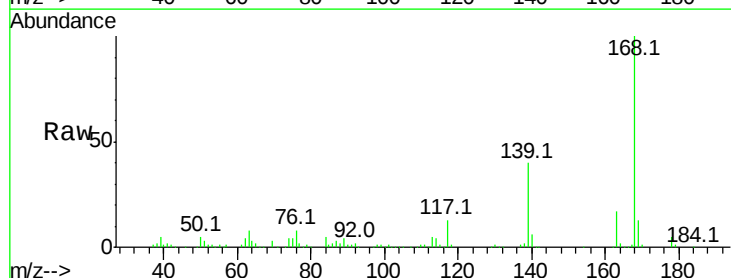
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

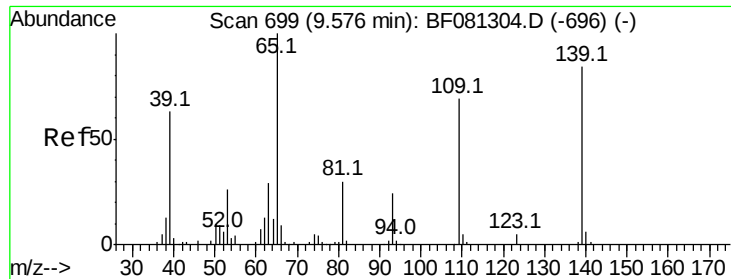
Tgt Ion:184 Resp: 52202
 Ion Ratio Lower Upper
 184 100
 63 94.2 35.4 53.2#
 154 78.6 32.2 48.4#



#54
 Dibenzofuran
 Concen: 46.73 ng
 RT: 15.72 min Scan# 1280
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion:168 Resp: 387097
 Ion Ratio Lower Upper
 168 100
 139 40.2 24.2 36.2#
 169 12.8 10.6 15.8

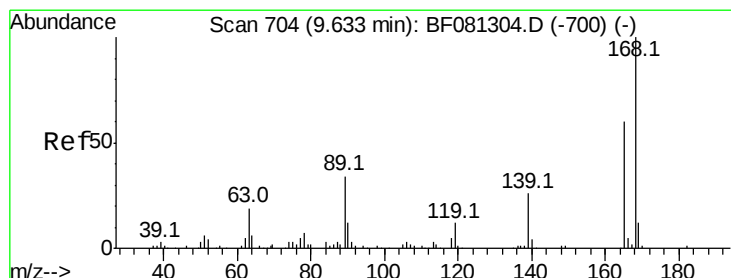
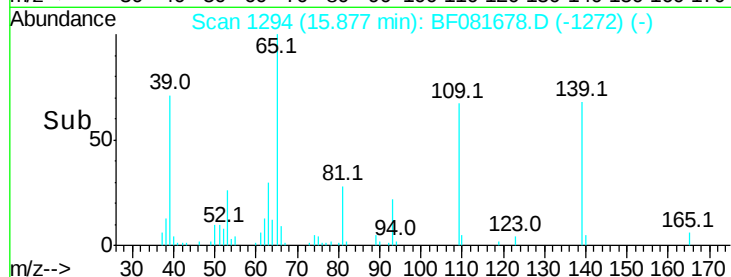
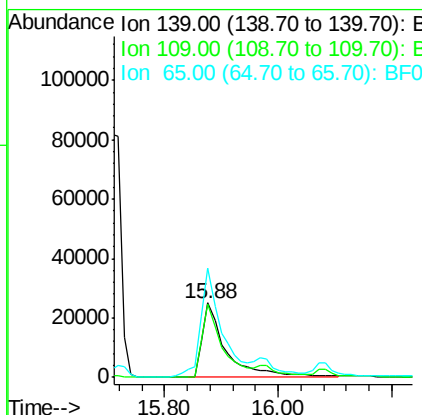
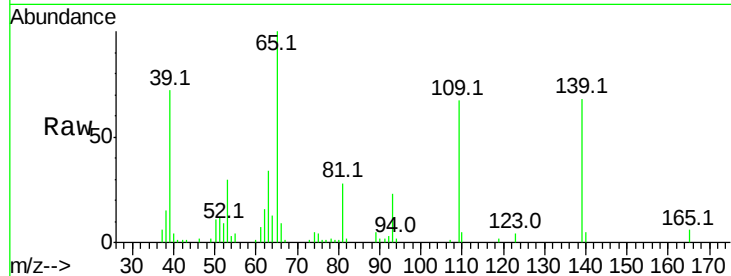




#55
4-Nitrophenol
Concen: 66.89 ng
RT: 15.88 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

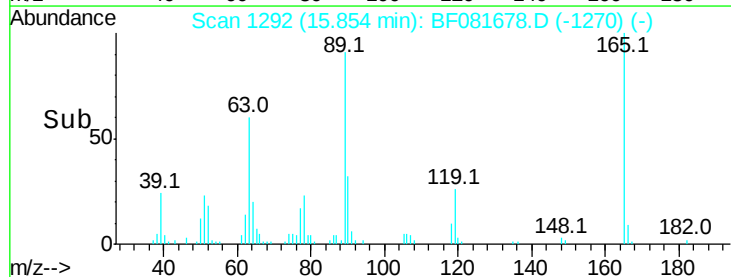
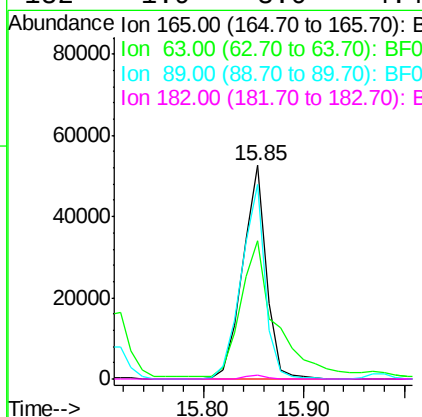
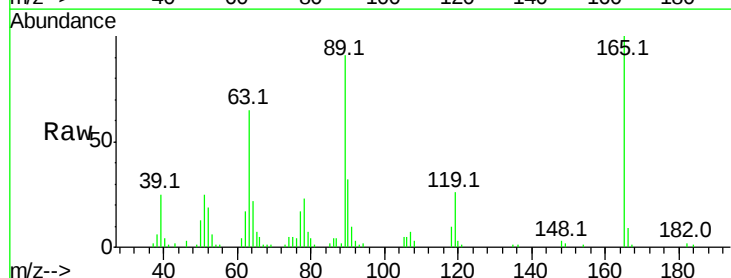
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

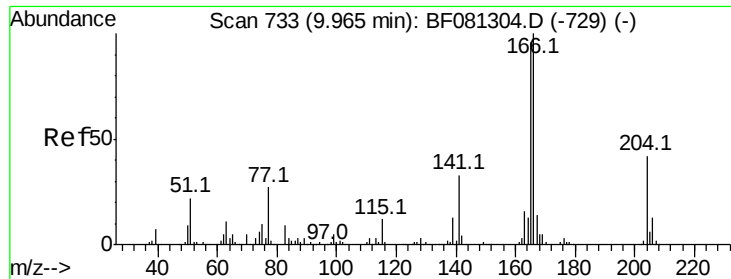
Tgt Ion:139 Resp: 71382
Ion Ratio Lower Upper
139 100
109 98.6 12.7 52.7#
65 146.5 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 45.32 ng
RT: 15.85 min Scan# 1292
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion:165 Resp: 86102
Ion Ratio Lower Upper
165 100
63 65.0 29.8 44.6#
89 90.8 44.5 66.7#
182 1.9 3.0 4.4#





#57

Fluorene

Concen: 50.02 ng

RT: 16.52 min Scan# 1350

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

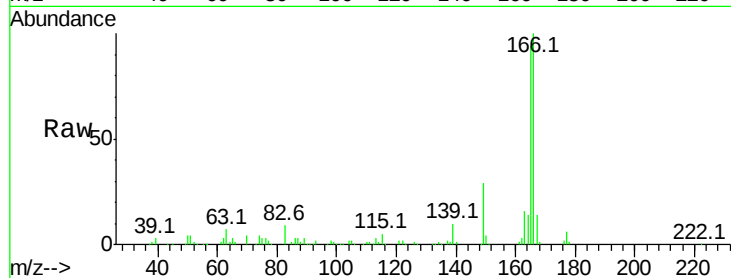
Tgt Ion:166 Resp: 314457

Ion Ratio Lower Upper

166 100

165 94.1 72.6 109.0

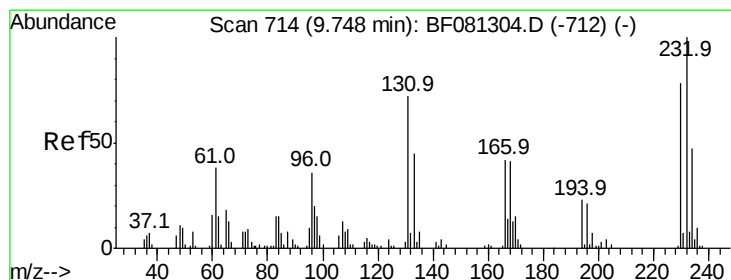
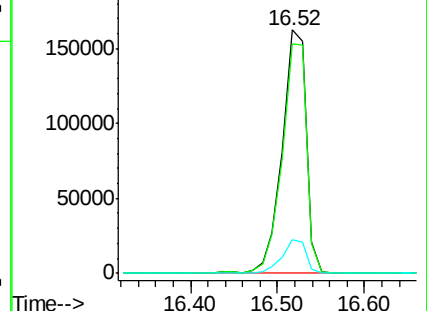
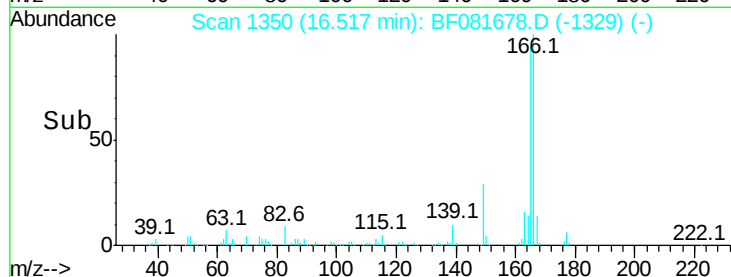
167 13.8 10.6 16.0



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: 48.88 ng

RT: 16.08 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Tgt Ion:232 Resp: 70304

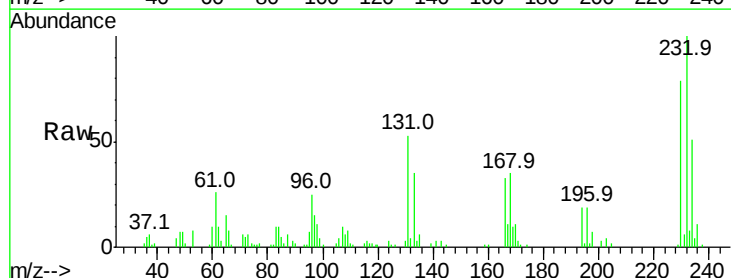
Ion Ratio Lower Upper

232 100

131 56.2 38.5 57.7

130 2.2 1.8 2.6

166 32.4 25.0 37.6

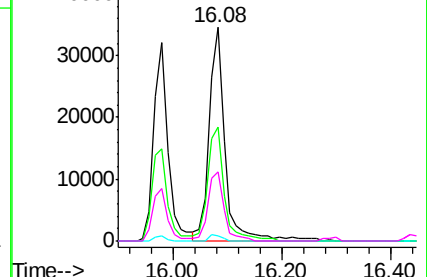
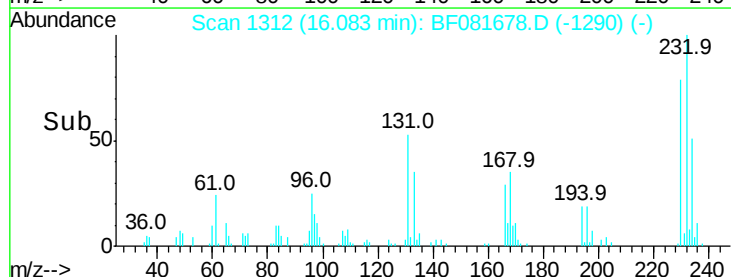


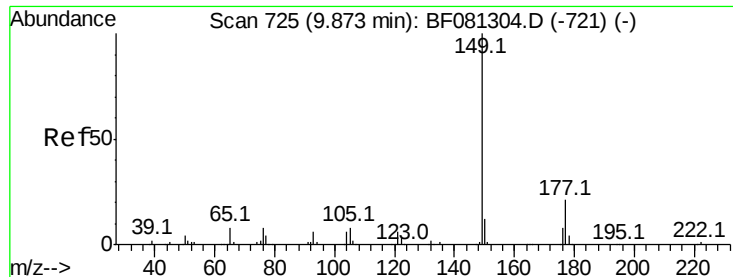
Abundance Ion 232.00 (231.70 to 232.70): E

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

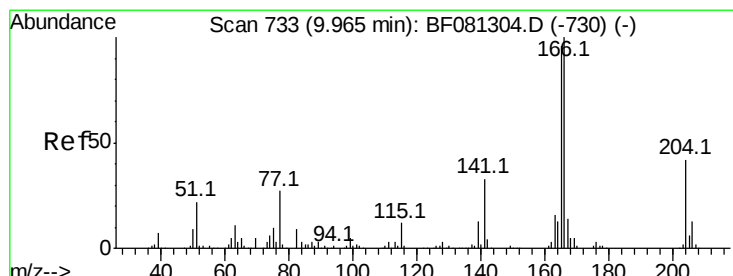
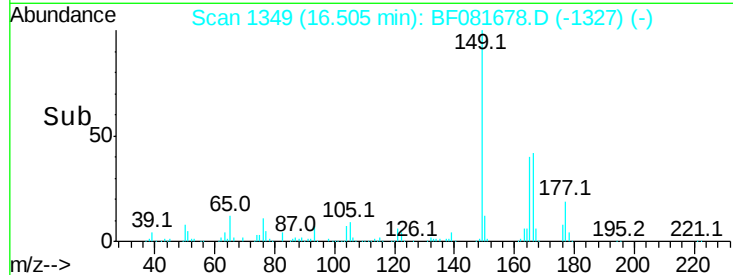
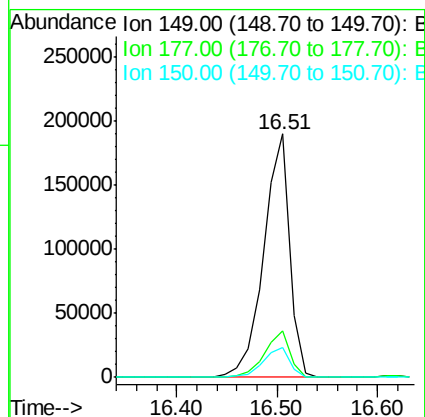
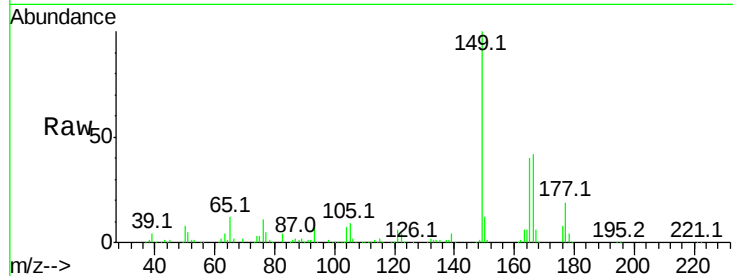




#59
Diethylphthalate
Concen: 48.98 ng
RT: 16.51 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

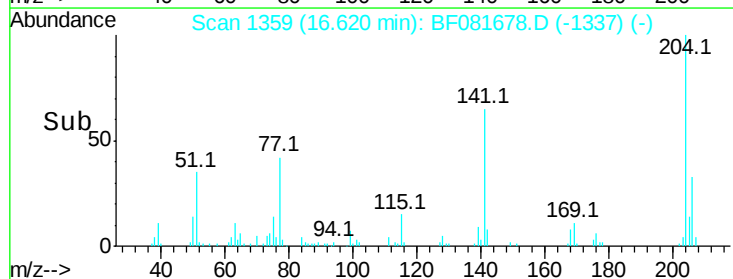
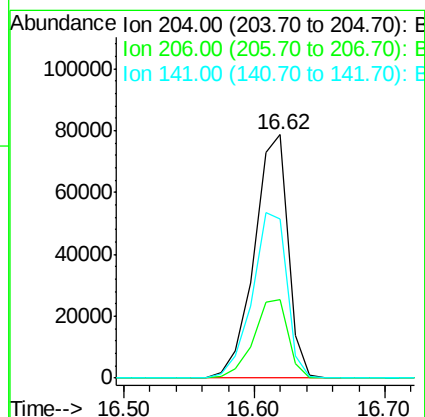
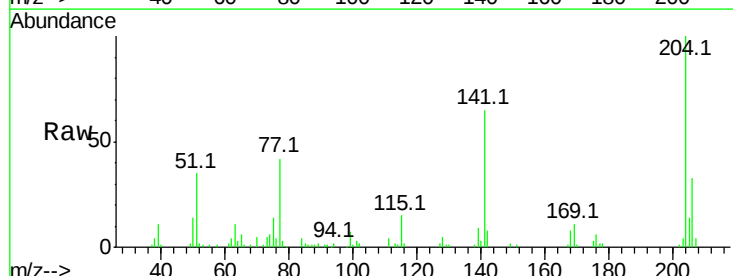
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

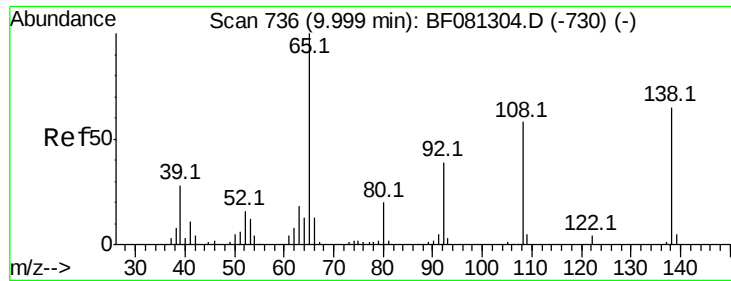
Tgt Ion:149 Resp: 338695
Ion Ratio Lower Upper
149 100
177 18.9 17.5 26.3
150 12.3 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 48.59 ng
RT: 16.62 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion:204 Resp: 142377
Ion Ratio Lower Upper
204 100
206 32.5 24.8 37.2
141 65.2 42.2 63.4#

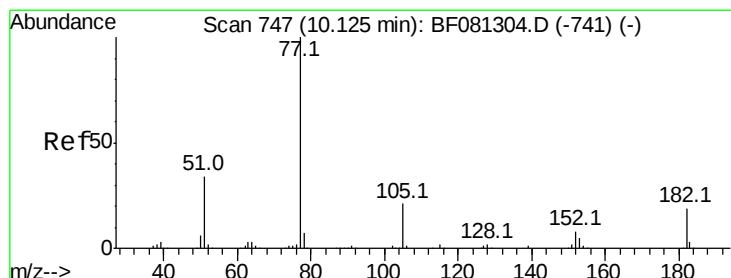
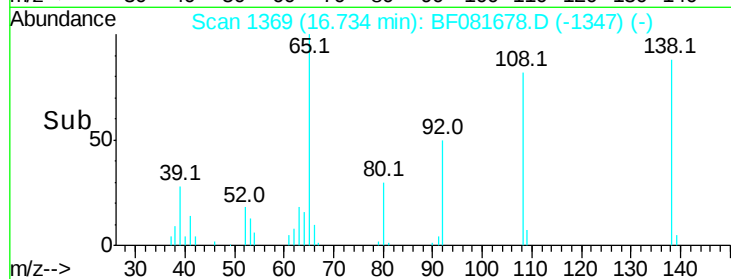
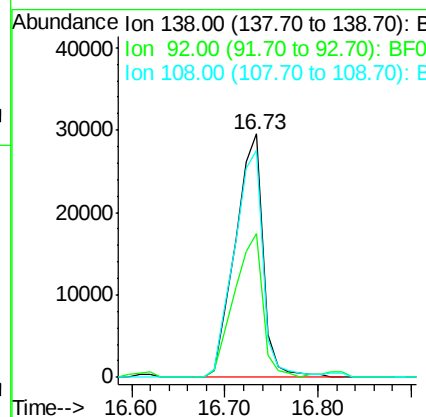
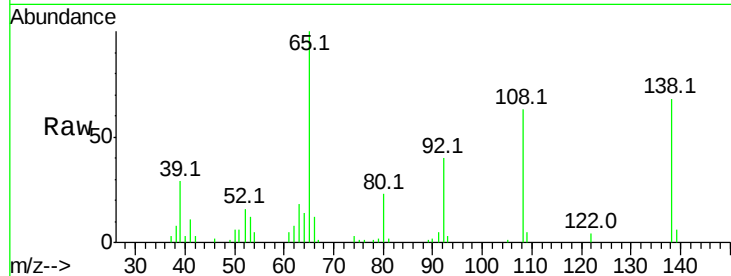




#61
4-Nitroaniline
Concen: 35.74 ng
RT: 16.73 min Scan# 1369
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

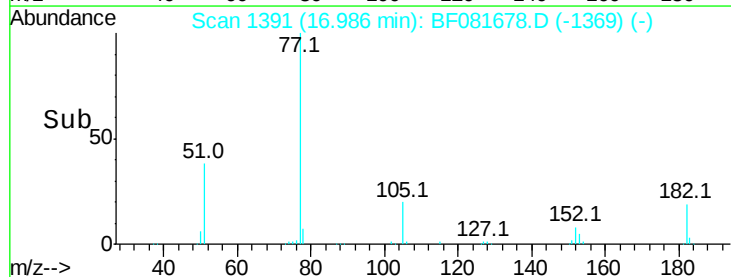
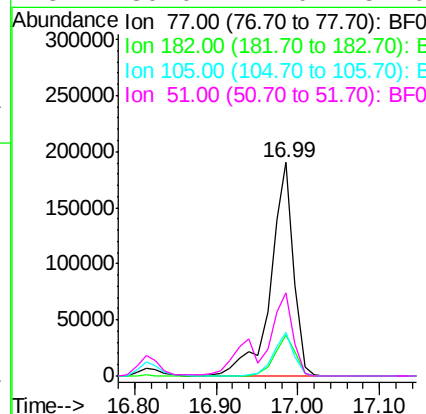
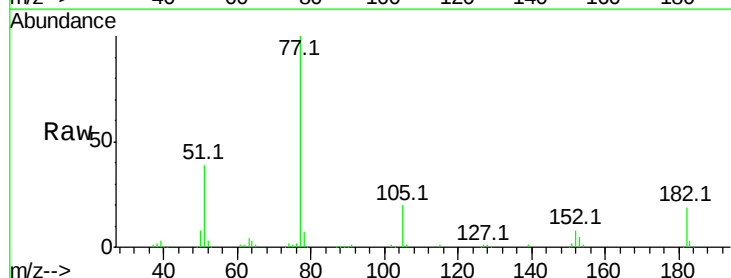
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

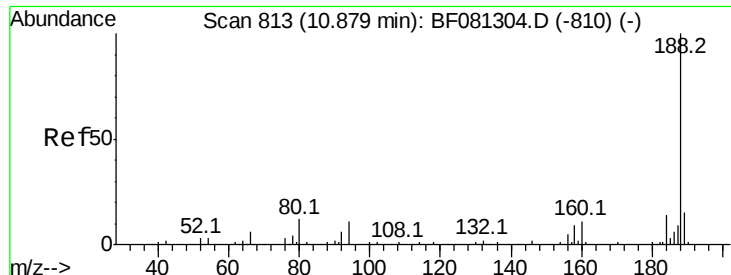
Tgt Ion:138 Resp: 61341
Ion Ratio Lower Upper
138 100
92 59.0 12.6 52.6#
108 93.2 12.4 52.4#



#62
Azobenzene
Concen: 48.53 ng
RT: 16.99 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion: 77 Resp: 373115
Ion Ratio Lower Upper
77 100
182 19.3 15.1 55.1
105 20.2 3.4 43.4
51 39.0 12.0 52.0

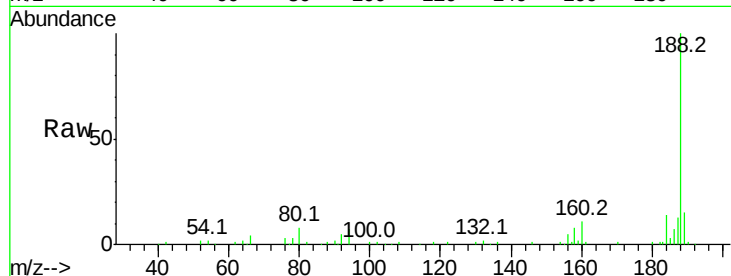




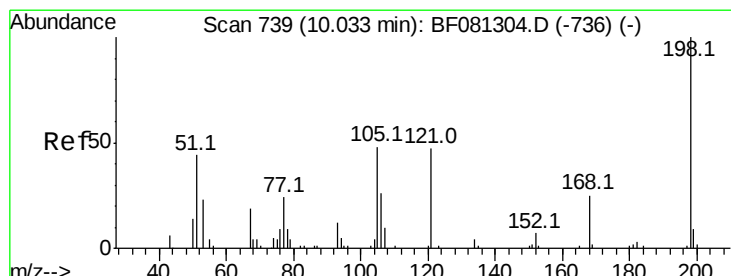
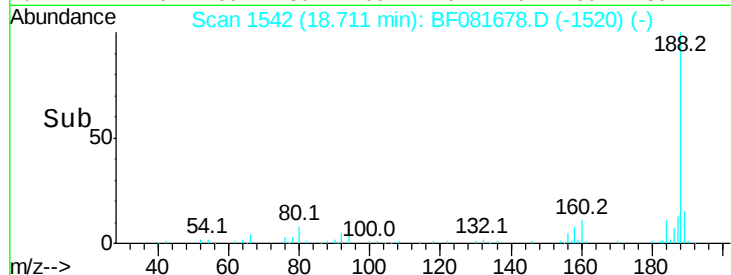
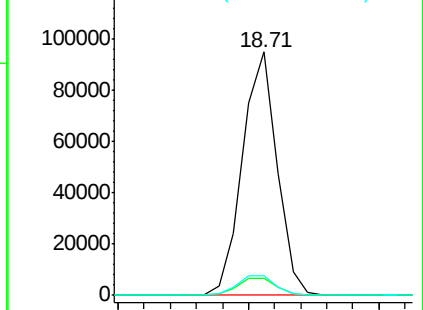
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.71 min Scan# 1542
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

Tgt Ion:188 Resp: 175149
Ion Ratio Lower Upper
188 100
94 7.2 11.1 16.7#
80 8.2 11.0 16.4#

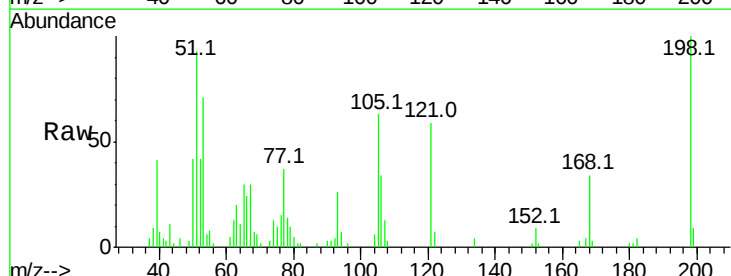


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

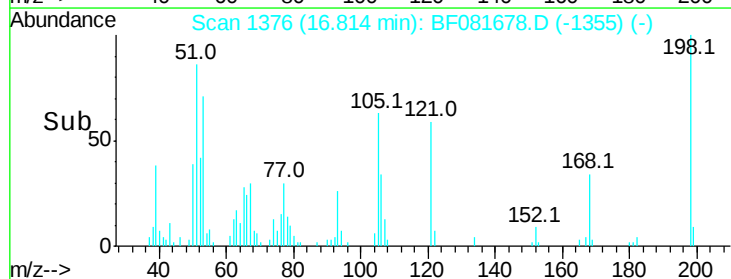
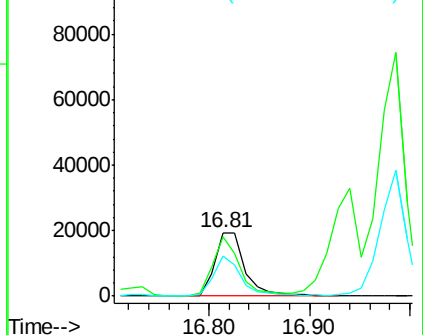


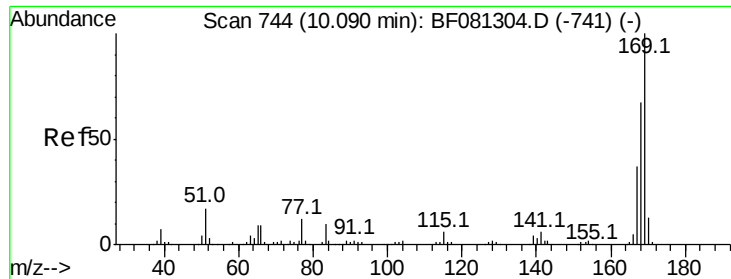
#64
4,6-Dinitro-2-methylphenol
Concen: 41.01 ng
RT: 16.81 min Scan# 1376
Delta R.T. -0.06 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion:198 Resp: 40176
Ion Ratio Lower Upper
198 100
51 92.9 39.6 79.6#
105 62.7 28.5 68.5



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

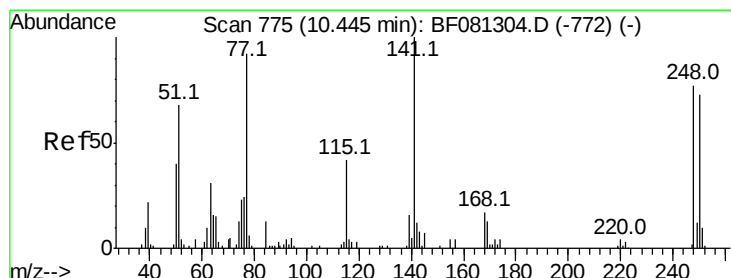
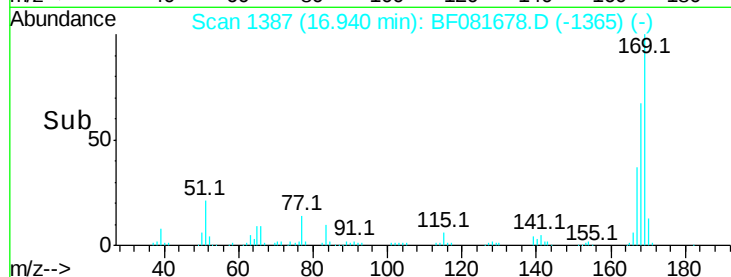
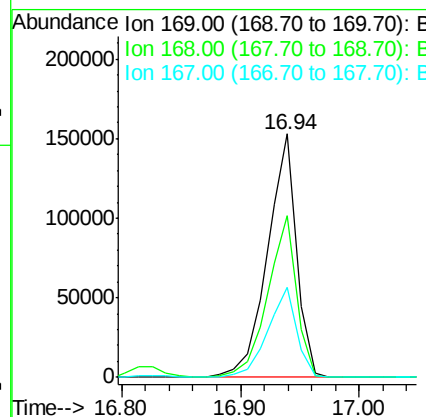
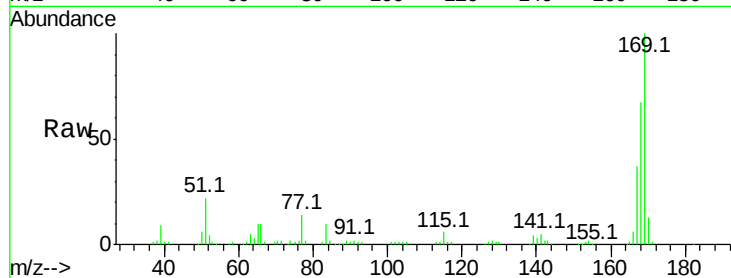




#65
n-Nitrosodiphenylamine
Concen: 40.80 ng
RT: 16.94 min Scan# 1387
Delta R.T. -0.04 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

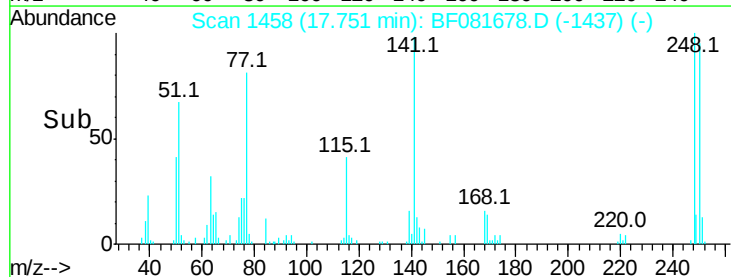
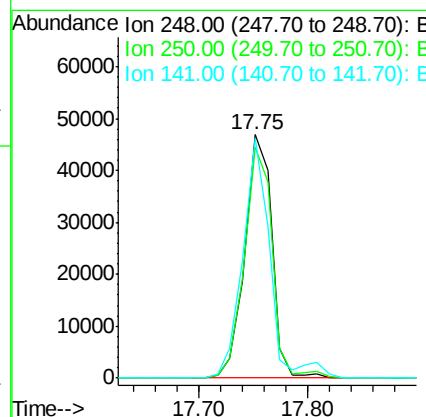
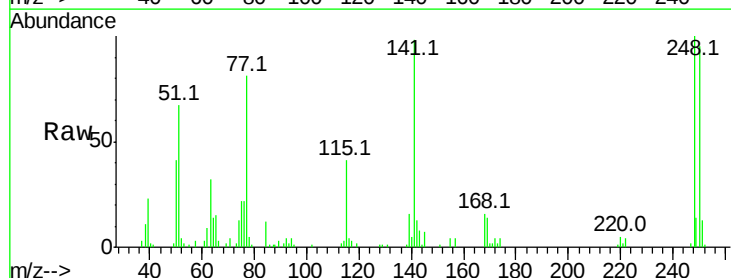
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

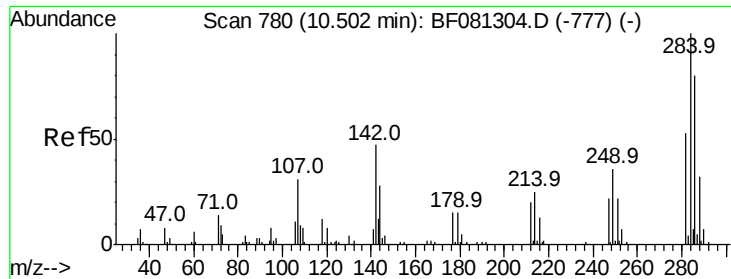
Tgt Ion:169 Resp: 260025
Ion Ratio Lower Upper
169 100
168 66.6 48.9 73.3
167 37.0 26.2 39.4



#66
4-Bromophenyl-phenylether
Concen: 45.63 ng
RT: 17.75 min Scan# 1458
Delta R.T. -0.06 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion:248 Resp: 80813
Ion Ratio Lower Upper
248 100
250 94.8 78.5 117.7
141 98.4 59.0 88.6#

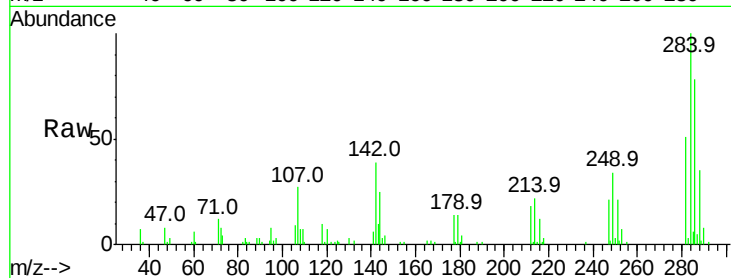




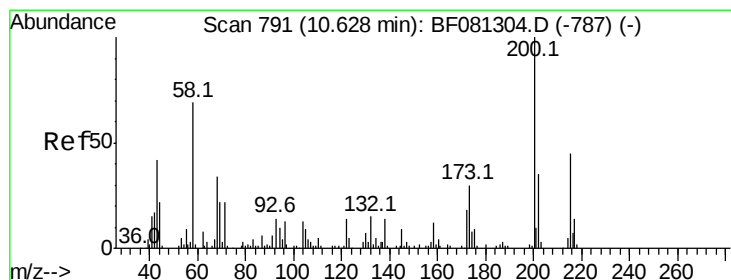
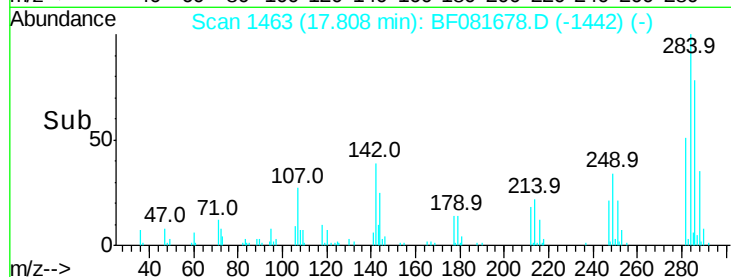
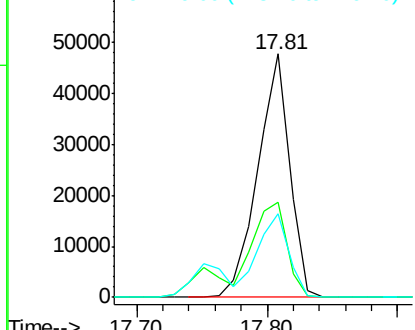
#67
Hexachlorobenzene
Concen: 43.96 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

Tgt Ion:284 Resp: 81396
Ion Ratio Lower Upper
284 100
142 39.2 29.5 44.3
249 34.2 19.5 29.3#

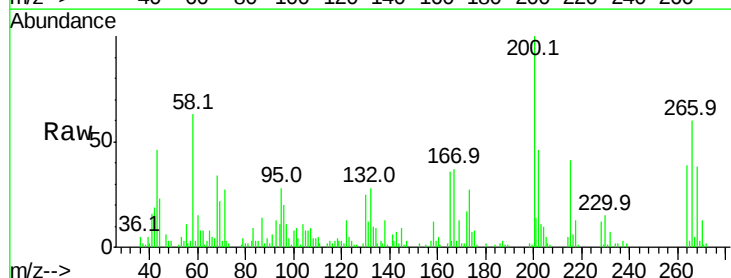


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

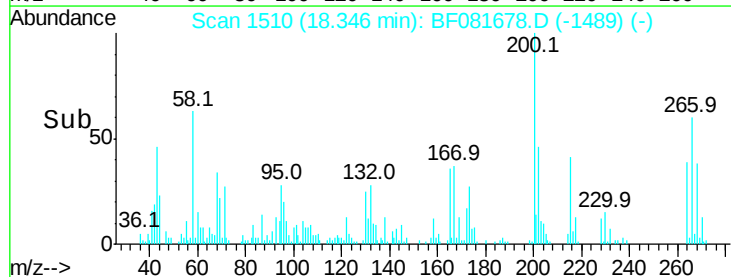
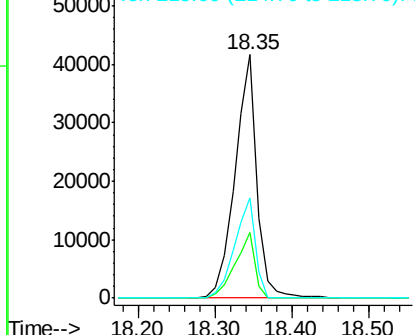


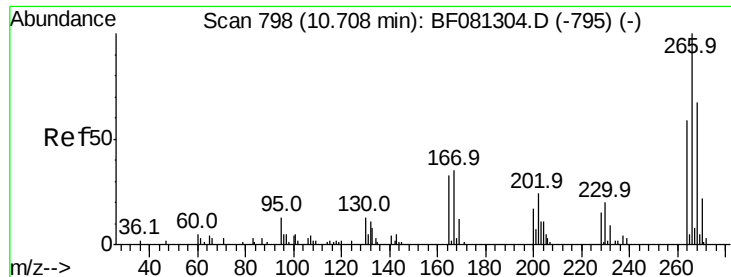
#68
Atrazine
Concen: 45.11 ng
RT: 18.35 min Scan# 1510
Delta R.T. -0.06 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion:200 Resp: 83191
Ion Ratio Lower Upper
200 100
173 27.1 13.2 53.2
215 41.0 41.8 81.8#



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

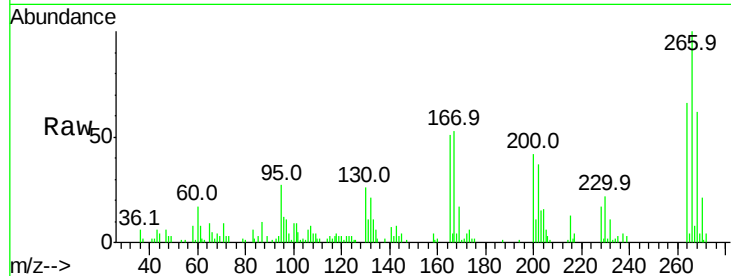




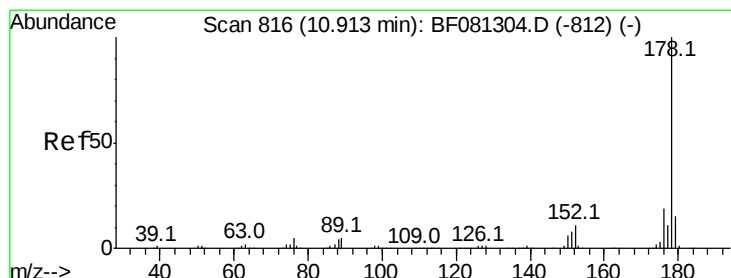
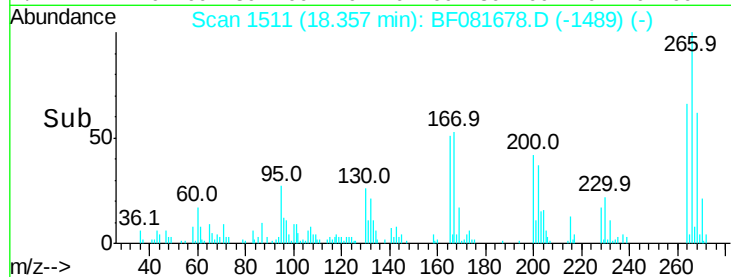
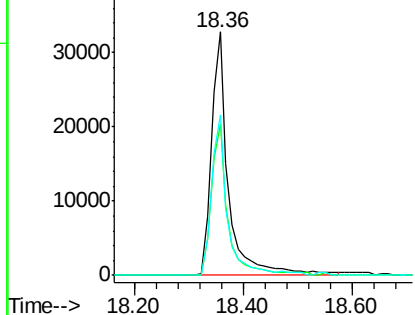
#69
 Pentachlorophenol
 Concen: 80.32 ng
 RT: 18.36 min Scan# 1511
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	49.8	74.6
264	66.0	50.2	75.2

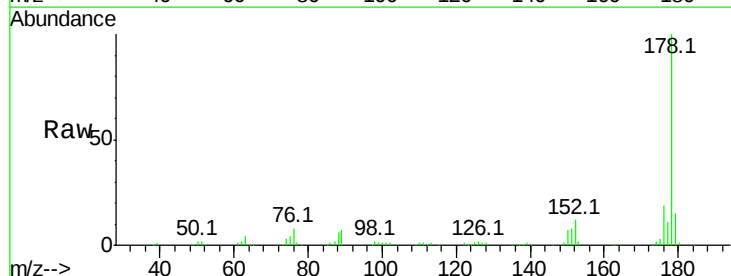


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

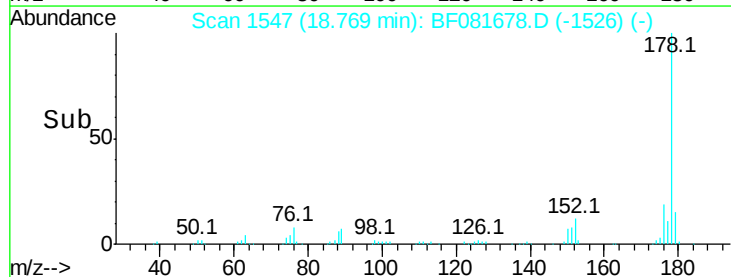
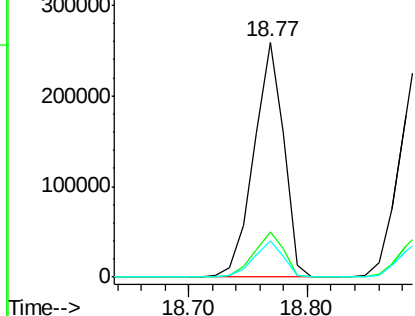


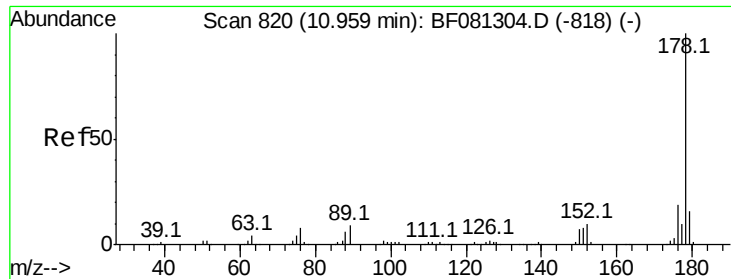
#70
 Phenanthrene
 Concen: 46.66 ng
 RT: 18.77 min Scan# 1547
 Delta R.T. -0.06 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	13.8	20.8
179	15.2	12.2	18.2



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

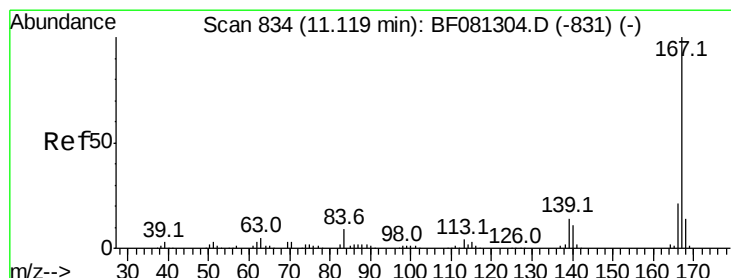
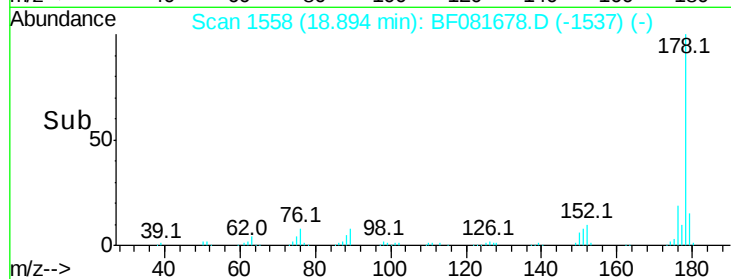
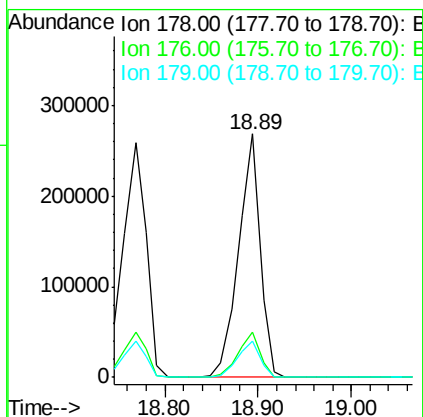
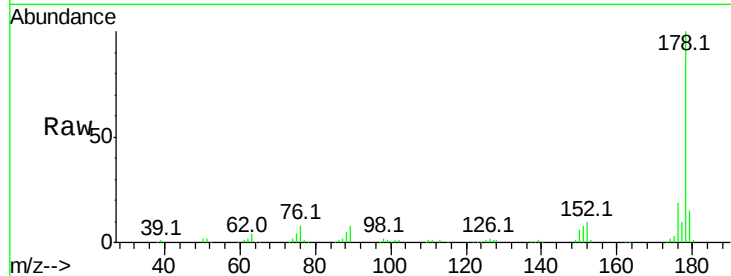




#71
 Anthracene
 Concen: 43.55 ng
 RT: 18.89 min Scan# 1558
 Delta R.T. -0.06 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

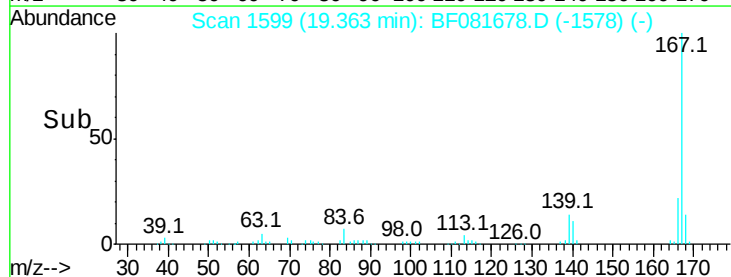
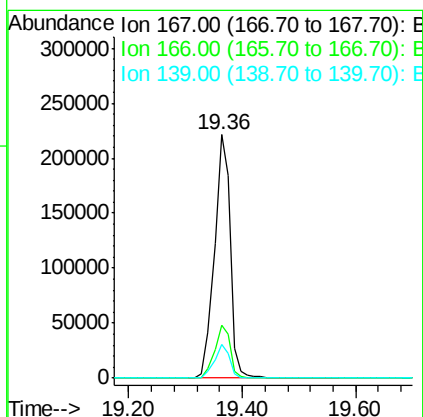
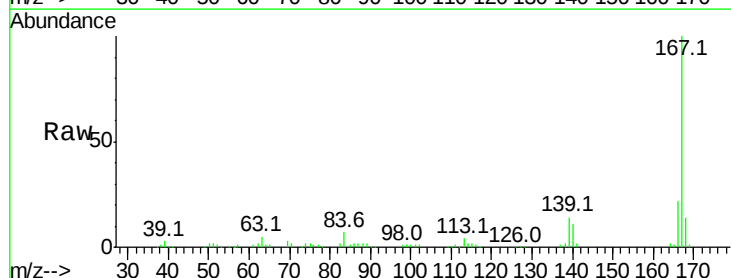
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

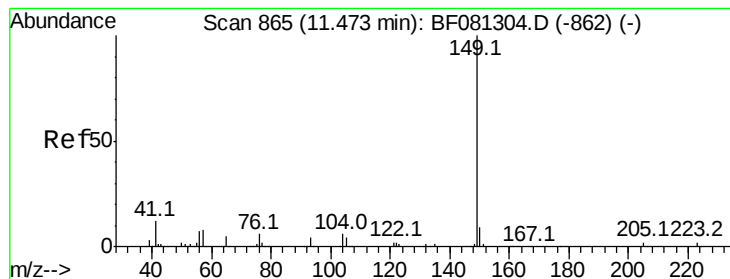
Tgt Ion:178 Resp: 435668
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.1 21.1
 179 14.7 12.2 18.2



#72
 Carbazole
 Concen: 44.99 ng
 RT: 19.36 min Scan# 1599
 Delta R.T. -0.06 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion:167 Resp: 422384
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 14.0 9.5 14.3





#73

Di-n-butylphthalate

Concen: 46.72 ng

RT: 20.41 min Scan# 1691

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

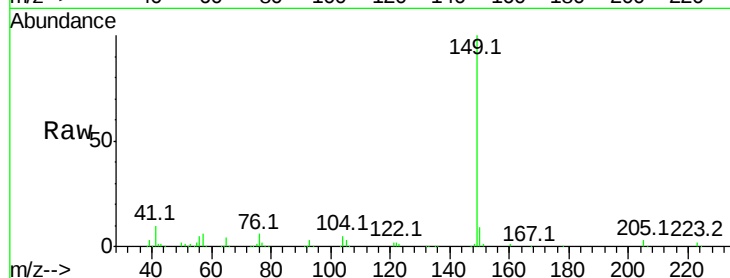
Tgt Ion:149 Resp: 517855

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

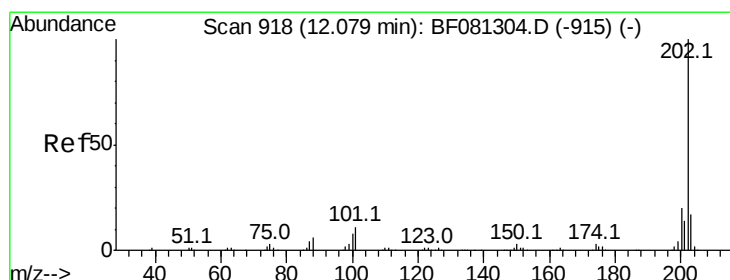
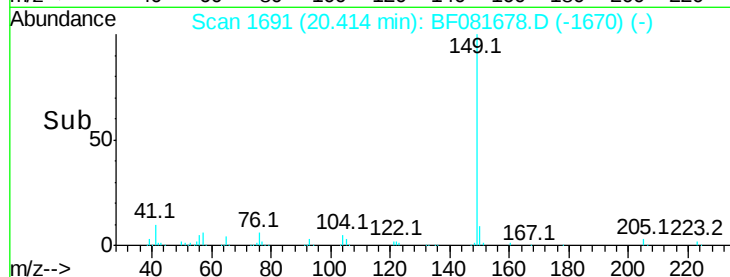
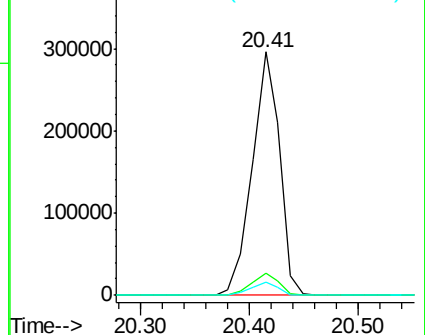
104 5.3 2.4 3.6#



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: 45.34 ng

RT: 21.40 min Scan# 1777

Delta R.T. -0.03 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

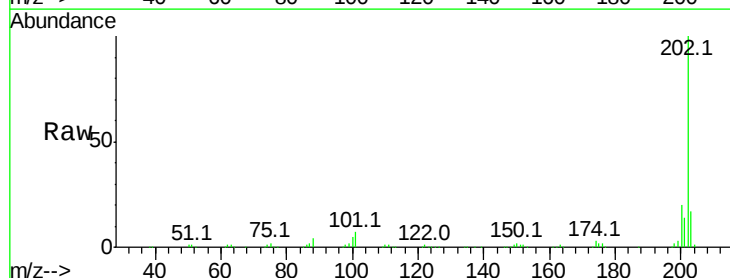
Tgt Ion:202 Resp: 477973

Ion Ratio Lower Upper

202 100

101 7.3 0.0 38.3

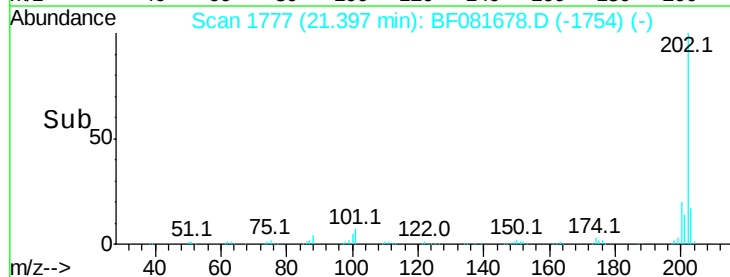
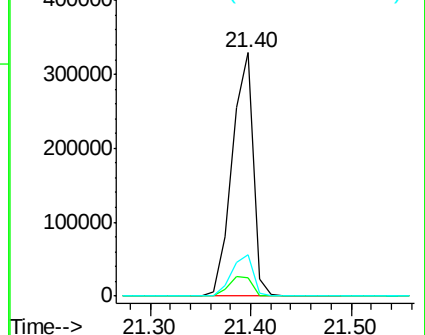
203 16.9 0.0 37.3

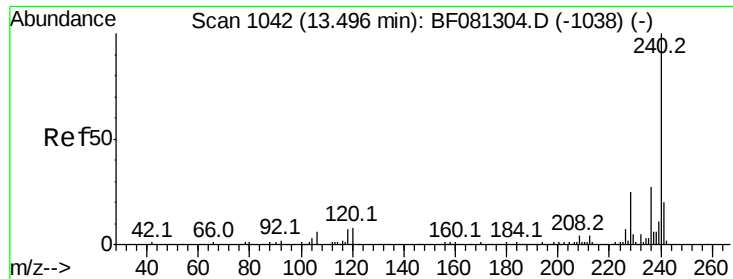


Abundance Ion 202.00 (201.70 to 202.70): E

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: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

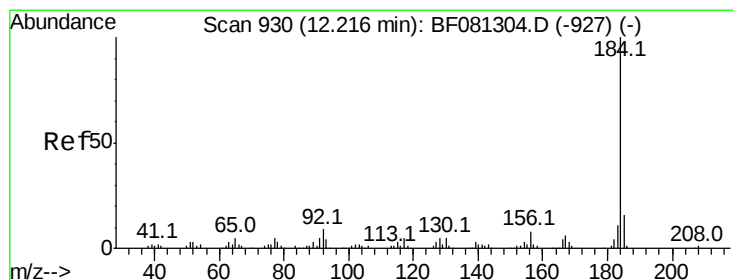
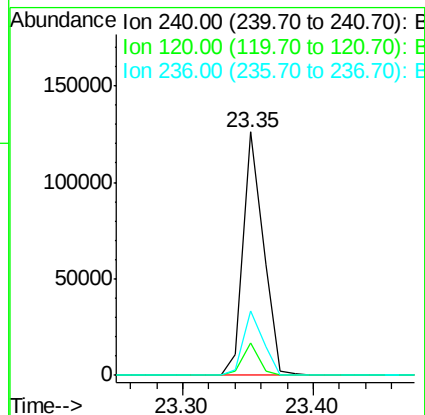
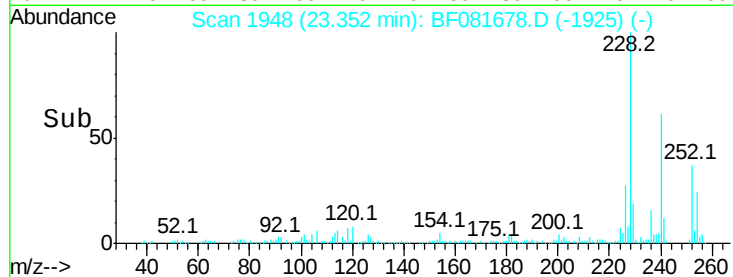
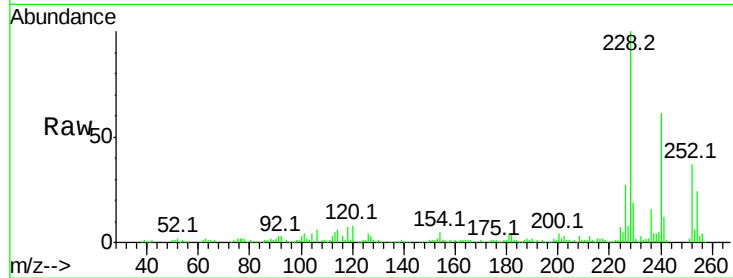
Tgt Ion:240 Resp: 135561

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

236 26.3 18.4 27.6



#76

Benzidine

Concen: 3.80 ng

RT: 21.72 min Scan# 1805

Delta R.T. -0.02 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

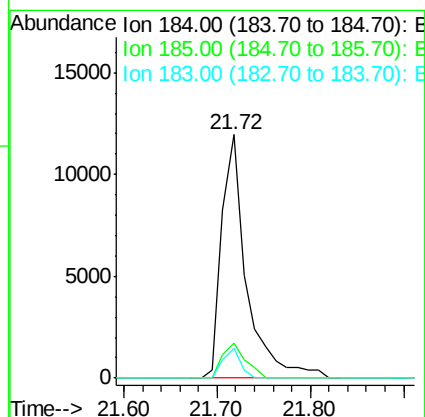
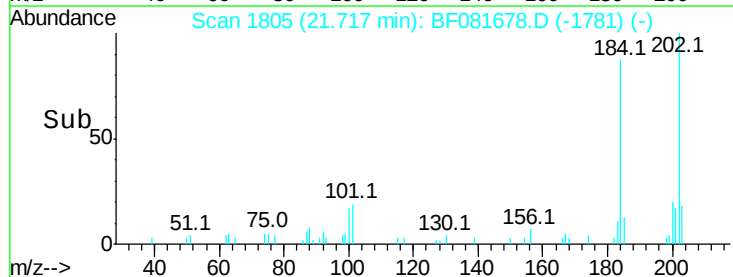
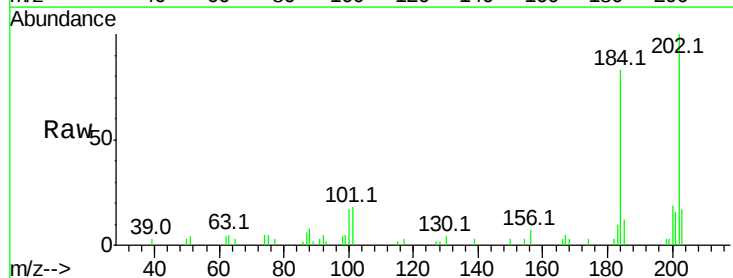
Tgt Ion:184 Resp: 22088

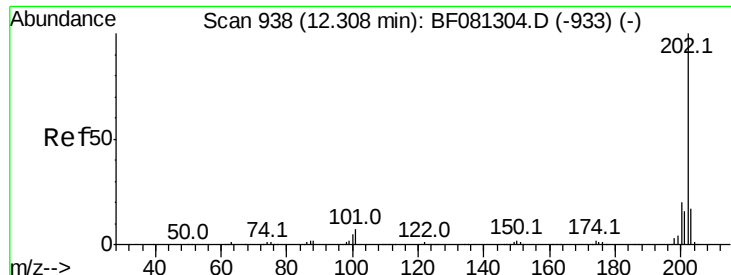
Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

183 12.5 7.6 11.4#

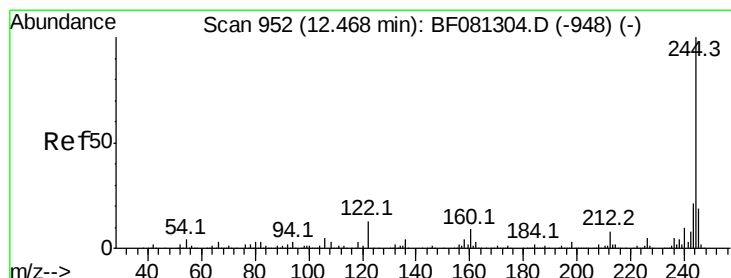
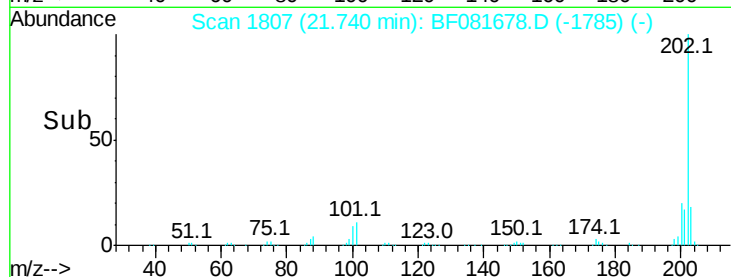
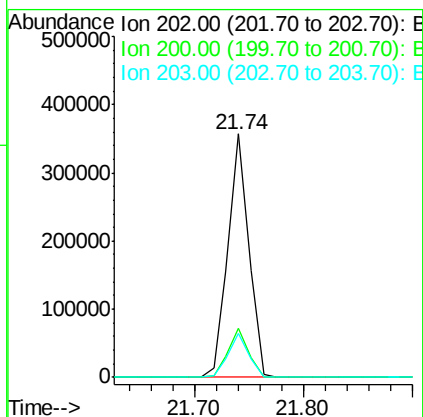
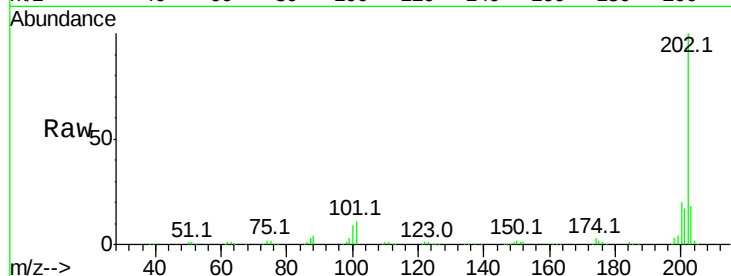




#77
 Pyrene
 Concen: 47.16 ng
 RT: 21.74 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

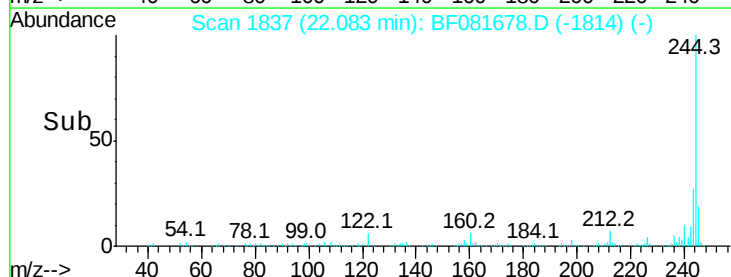
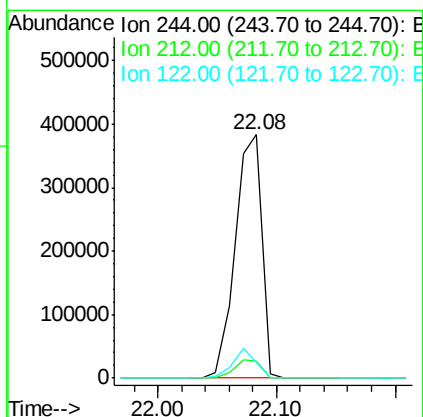
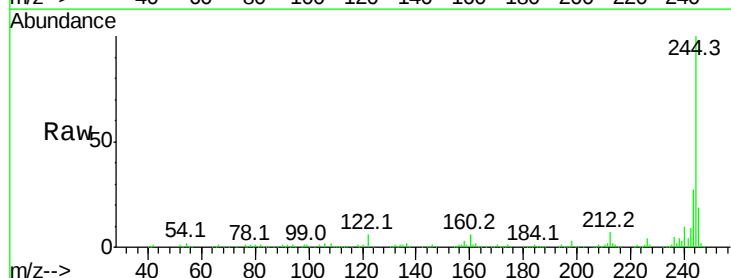
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

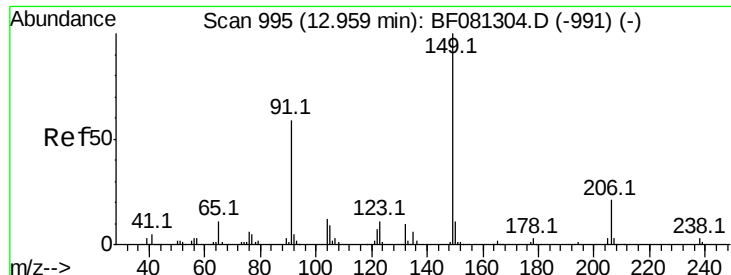
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.0	22.4
203	18.1	14.1	21.1



#78
 Terphenyl-d14
 Concen: 102.06 ng
 RT: 22.08 min Scan# 1837
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.3	6.5#
122	6.4	17.4	26.2#

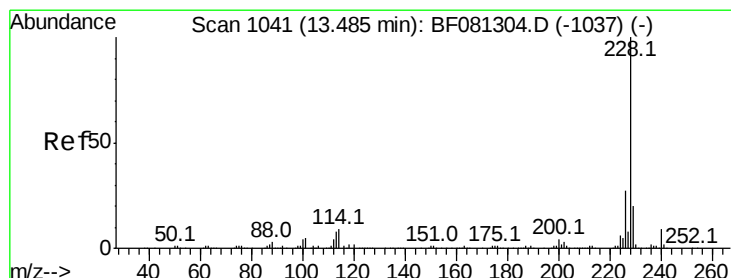
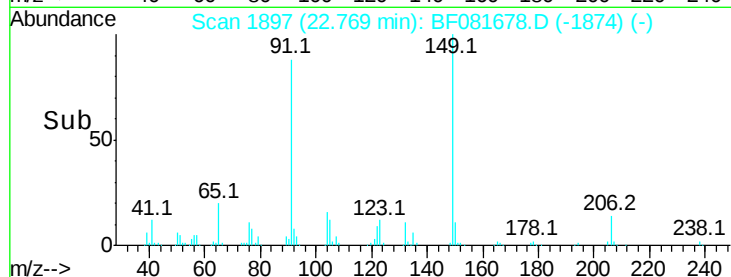
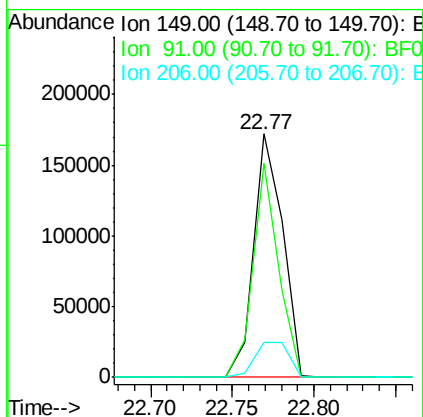
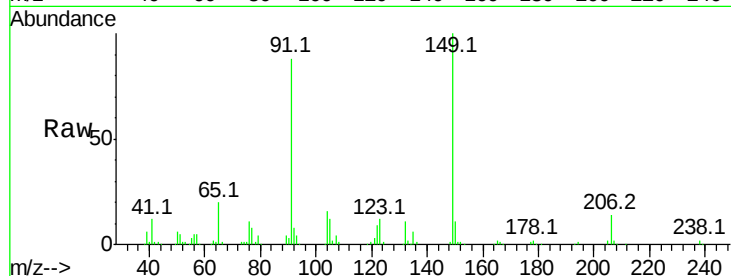




#79
Butylbenzylphthalate
Concen: 48.69 ng
RT: 22.77 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

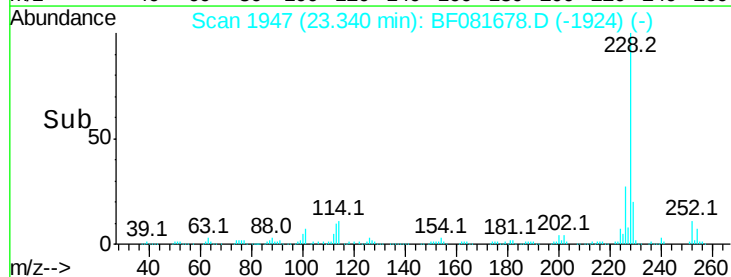
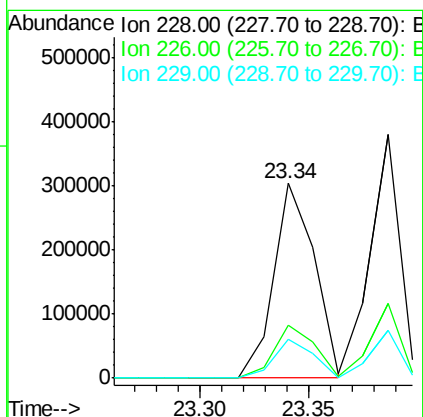
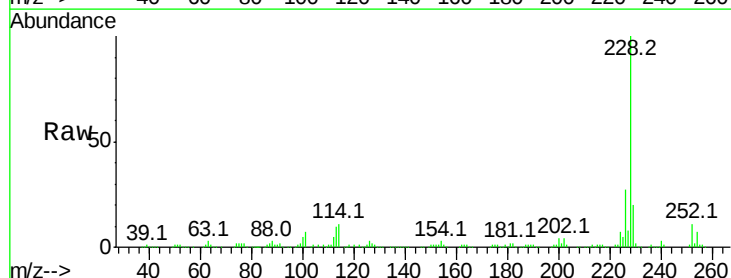
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

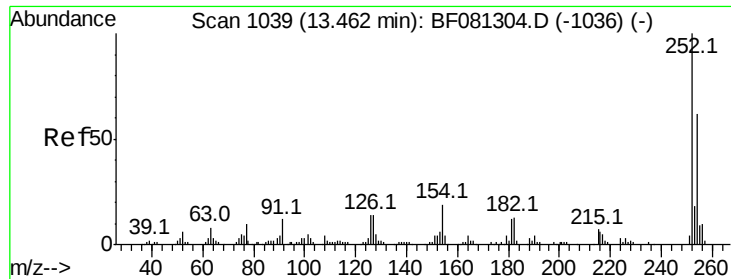
Tgt Ion:149 Resp: 212630
Ion Ratio Lower Upper
149 100
91 88.2 48.6 72.8#
206 14.4 14.9 22.3#



#80
Benzo(a)anthracene
Concen: 46.24 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.03 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion:228 Resp: 399206
Ion Ratio Lower Upper
228 100
226 27.4 20.0 30.0
229 20.1 15.4 23.2

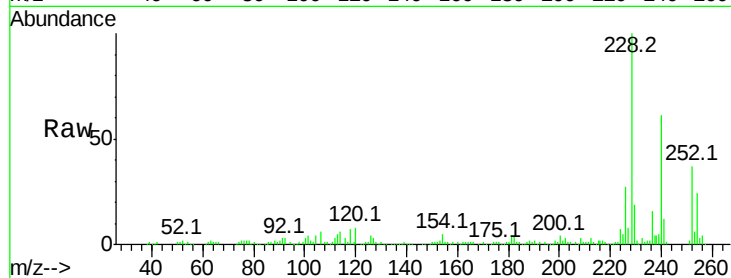




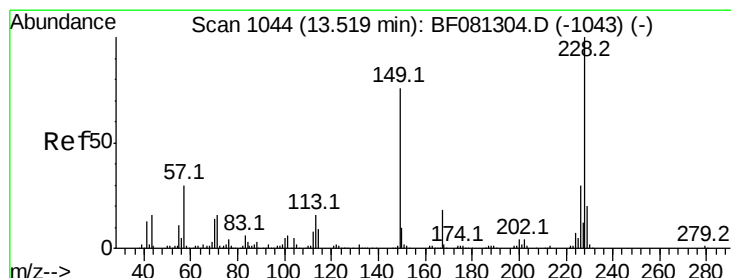
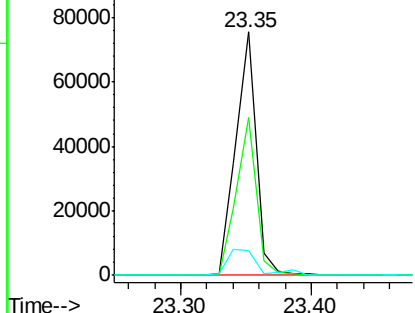
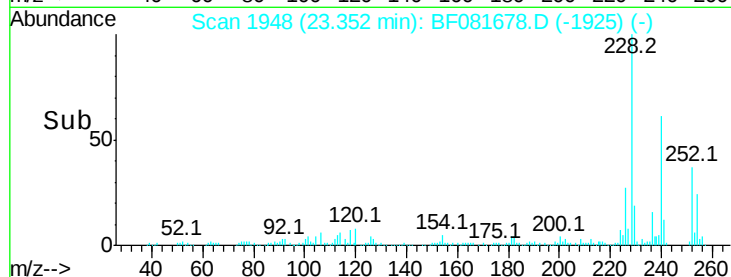
#81
 3,3'-Dichlorobenzidine
 Concen: 28.16 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

Tgt Ion:252 Resp: 82014
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.4 77.2
 126 10.1 16.4 24.6#

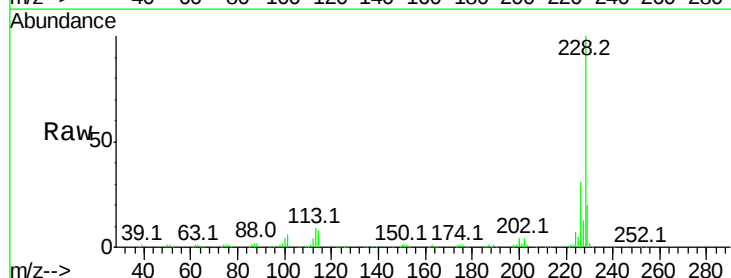


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

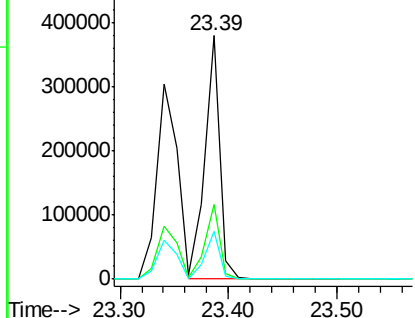
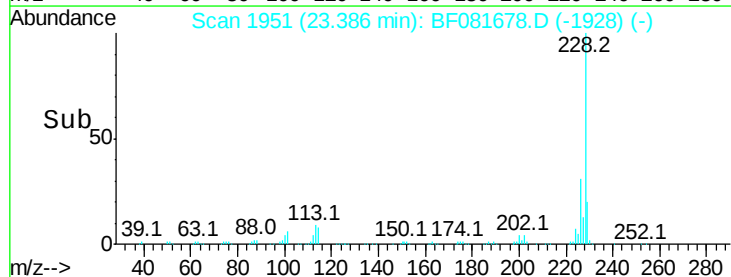


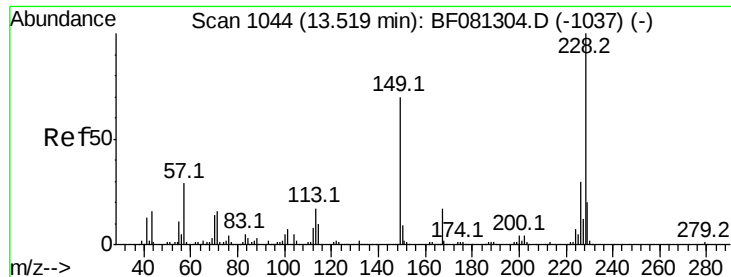
#82
 Chrysene
 Concen: 47.13 ng
 RT: 23.39 min Scan# 1951
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion:228 Resp: 364752
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.0 31.4
 229 19.8 15.6 23.4



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

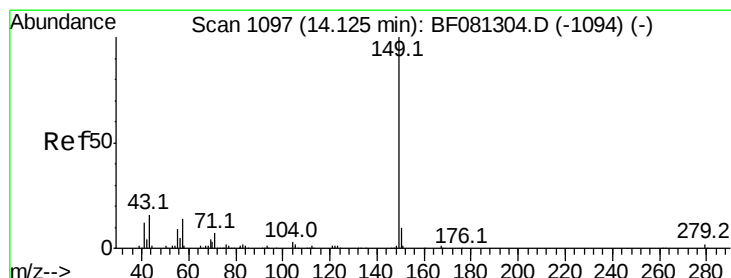
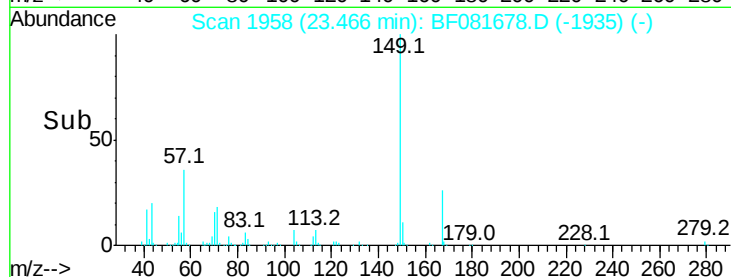
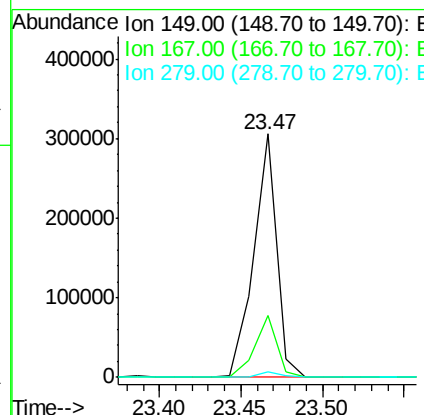
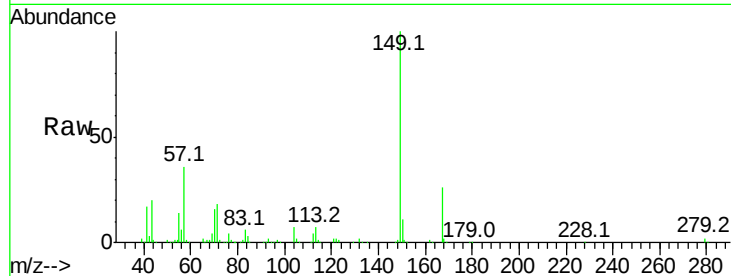




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.47 ng
 RT: 23.47 min Scan# 1958
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

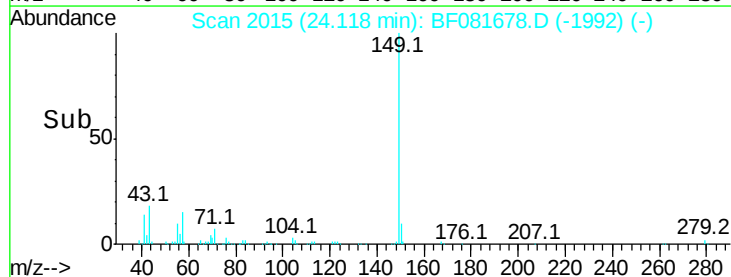
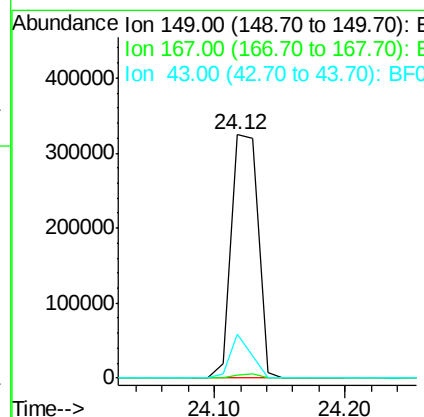
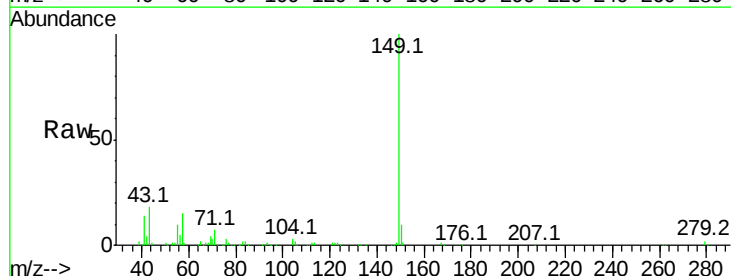
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

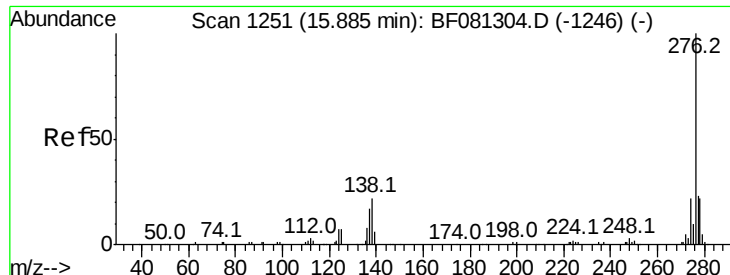
Tgt Ion:149 Resp: 296652
 Ion Ratio Lower Upper
 149 100
 167 25.6 24.2 36.2
 279 2.5 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 48.64 ng
 RT: 24.12 min Scan# 2015
 Delta R.T. -0.03 min
 Lab File: BF081678.D
 Acq: 17 Sep 2015 14:30

Tgt Ion:149 Resp: 461592
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.6 10.2 15.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.98 ng

RT: 25.82 min Scan# 2164

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

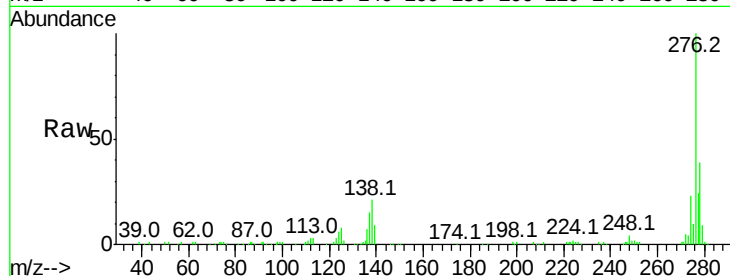
Tgt Ion:276 Resp: 226996

Ion Ratio Lower Upper

276 100

138 20.9 25.7 38.5#

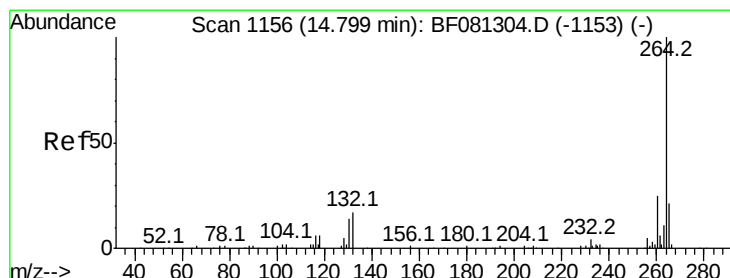
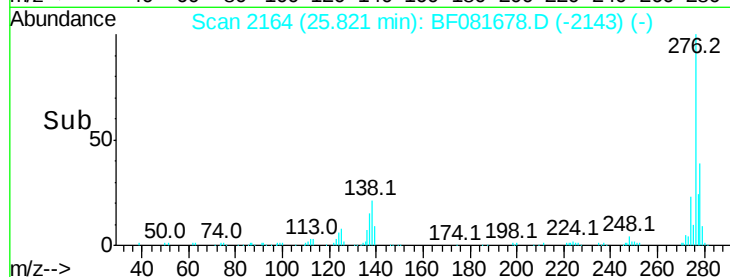
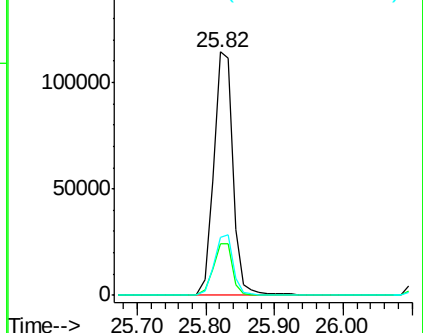
277 24.5 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 2074

Delta R.T. -0.02 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

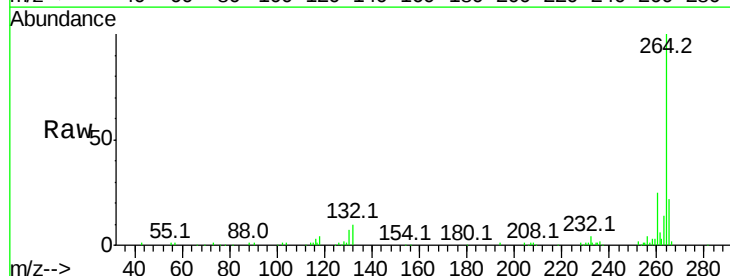
Tgt Ion:264 Resp: 100457

Ion Ratio Lower Upper

264 100

260 24.6 16.7 25.1

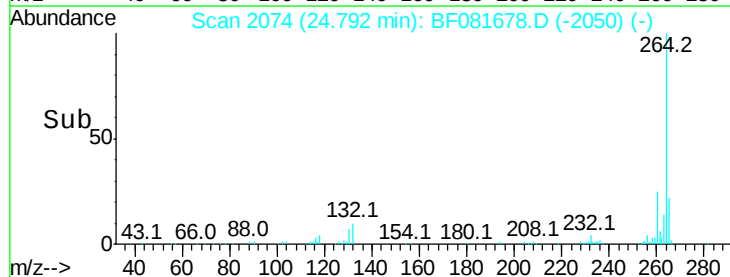
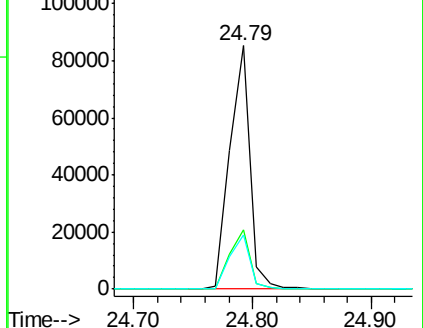
265 22.0 17.2 25.8

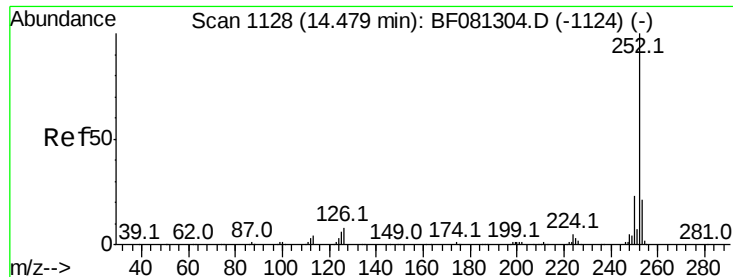


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

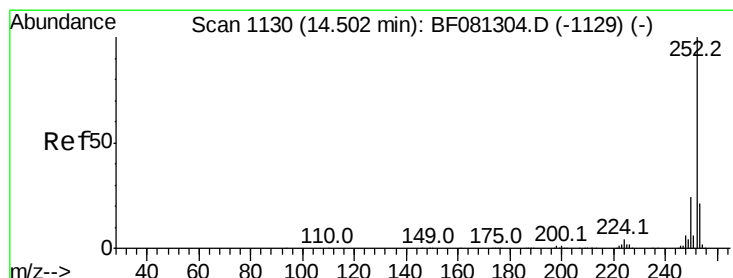
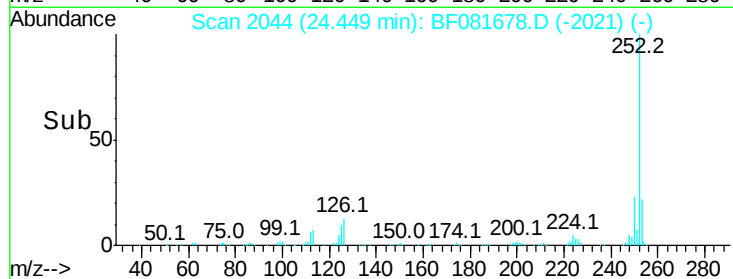
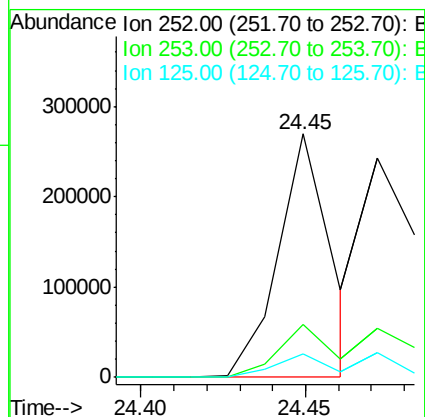
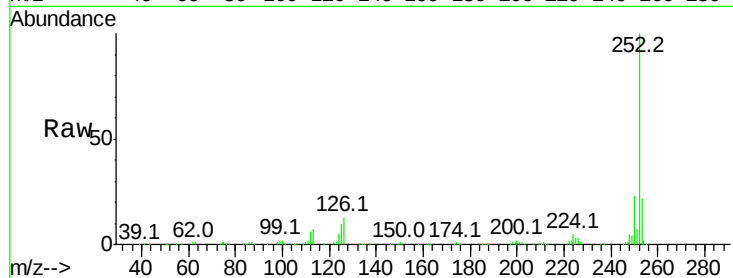




#87
Benzo(b)fluoranthene
Concen: 41.55 ng m
RT: 24.45 min Scan# 2044
Delta R.T. -0.03 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

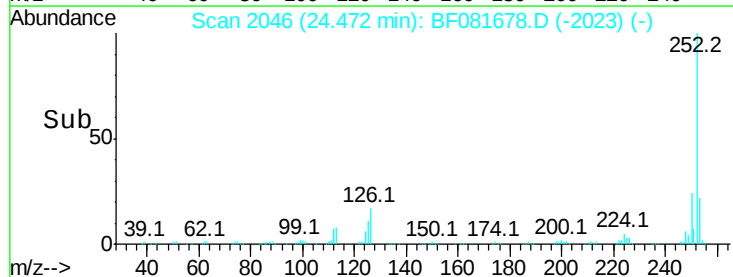
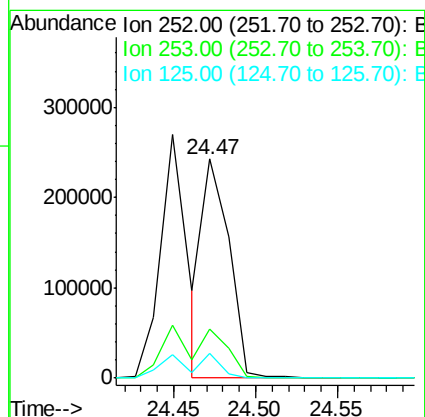
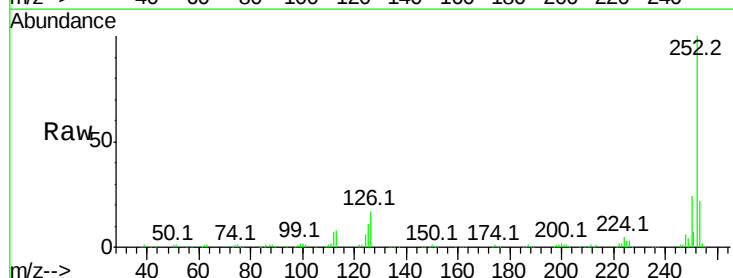
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERMSD

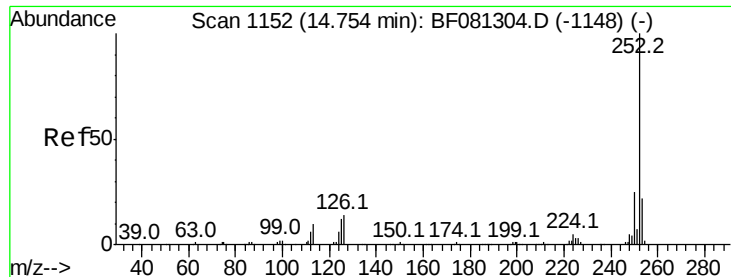
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.9	17.1	25.7#



#88
Benzo(k)fluoranthene
Concen: 47.45 ng m
RT: 24.47 min Scan# 2046
Delta R.T. -0.03 min
Lab File: BF081678.D
Acq: 17 Sep 2015 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	11.2	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 47.30 ng

RT: 24.75 min Scan# 2070

Delta R.T. -0.02 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD

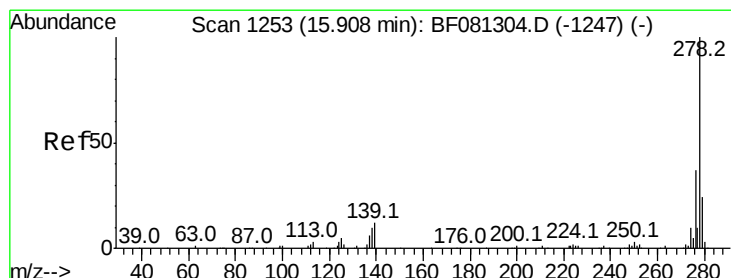
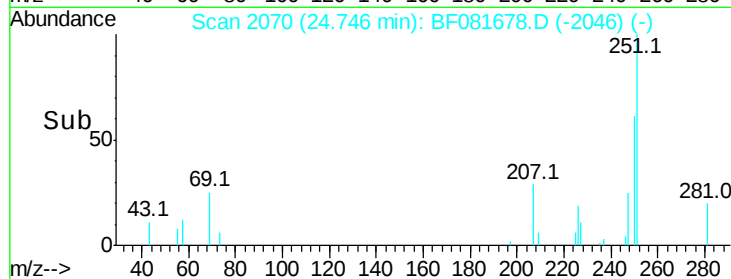
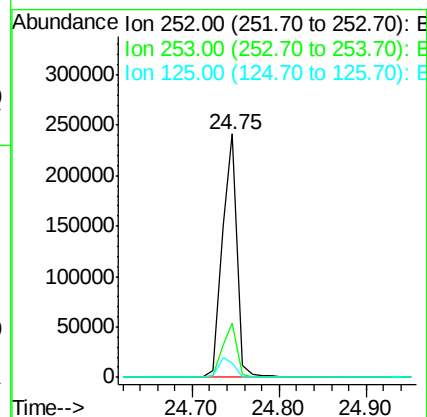
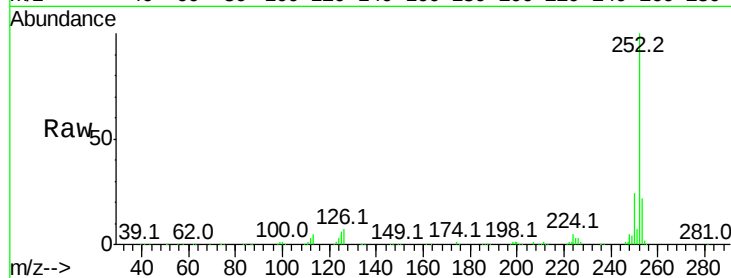
Tgt Ion:252 Resp: 287431

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 5.8 18.0 27.0#



#90

Dibenzo(a,h)anthracene

Concen: 41.00 ng

RT: 25.83 min Scan# 2165

Delta R.T. -0.06 min

Lab File: BF081678.D

Acq: 17 Sep 2015 14:30

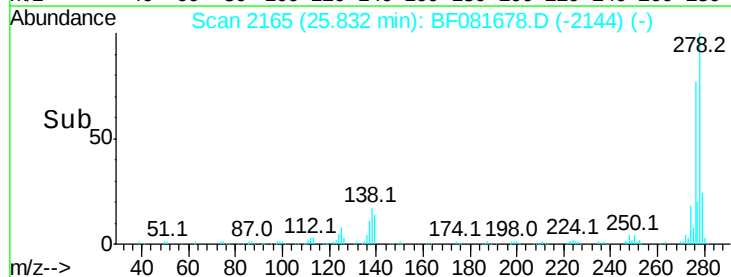
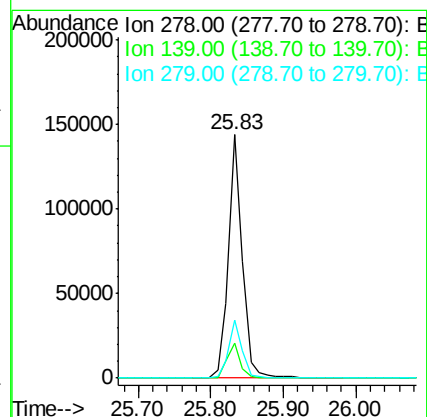
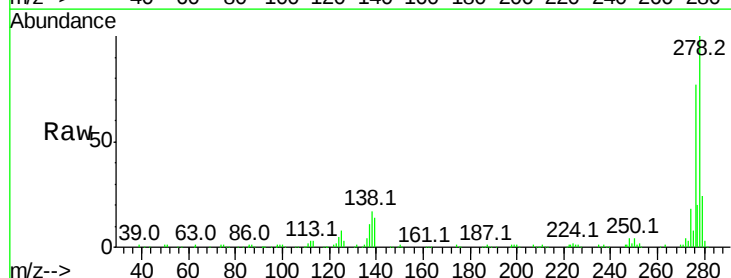
Tgt Ion:278 Resp: 192542

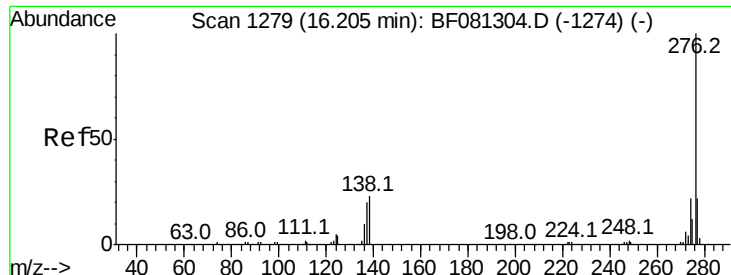
Ion Ratio Lower Upper

278 100

139 14.4 26.3 39.5#

279 23.8 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 40.01 ng

RT: 26.12 min Scan# 2190

Delta R.T. -0.06 min

Lab File: BF081678.D

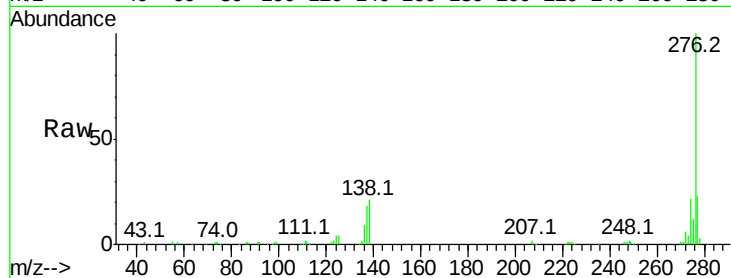
Acq: 17 Sep 2015 14:30

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERMSD



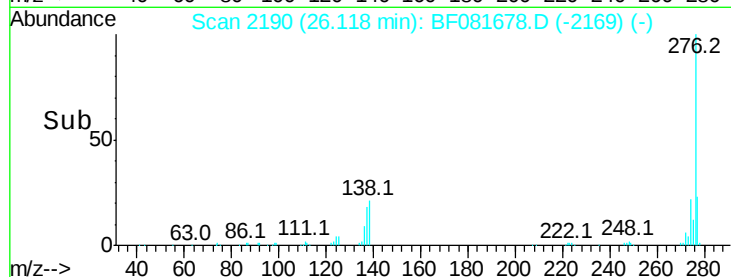
Tgt Ion:276 Resp: 179329

Ion Ratio Lower Upper

276 100

277 23.3 17.8 26.6

138 20.9 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

