

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083970.D
 Acq On : 19 Dec 2015 22:30
 Operator : UM/SJ
 Sample : G4869-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK2

Quant Time: Dec 21 01:01:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	63973	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	170481	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	105676	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	159135	20.00	ng	0.01
75) Chrysene-d12	14.01	240	141326	20.00	ng	-0.02
86) Perylene-d12	15.44	264	121745	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	326301	79.82	ng	-0.02
7) Phenol-d6	6.50	99	456860	91.31	ng	-0.01
23) Nitrobenzene-d5	7.41	82	267999	89.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	105931	90.99	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	510988	65.48	ng	-0.01
78) Terphenyl-d14	12.97	244	340682	54.08	ng	-0.01

Target Compounds

						Qvalue
9) Benzaldehyde	6.62	77	10787	3.58	ng	85
15) Benzyl Alcohol	7.01	79	13083	3.46	ng	# 43
18) Hexachloroethane	7.36	117	19616	10.01	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	5950	2.04	ng	# 67
22) Acetophenone	7.25	105	90342	22.01	ng	# 46
24) Nitrobenzene	7.39	77	28618	9.26	ng	# 50
25) Isophorone	7.68	82	33045	5.88	ng	# 1
26) 2-Nitrophenol	7.77	139	5532	3.46	ng	# 1
27) 2,4-Dimethylphenol	7.80	122	6750	2.45	ng	# 1
28) bis(2-Chloroethoxy)methane	7.92	93	9121	2.74	ng	# 1
29) 2,4-Dichlorophenol	7.98	162	6203	2.48	ng	# 4
31) Naphthalene	8.17	128	364383	42.29	ng	# 95
32) Benzoic acid	7.94	122	5253	8.47	ng	# 8
33) 4-Chloroaniline	8.17	127	98521	25.46	ng	# 45
35) Caprolactam	8.59	113	105069	127.25	ng	# 10
36) 4-Chloro-3-methylphenol	8.69	107	16913	4.40	ng	# 35
37) 2-Methylnaphthalene	8.86	142	852738	143.92	ng	# 95
45) 1,1'-Biphenyl	9.32	154	116540	11.91	ng	100
46) 2-Chloronaphthalene	9.32	162	451	Below Cal		# 1
47) 2-Nitroaniline	9.50	65	8738	4.18	ng	# 53
48) Acenaphthylene	9.78	152	27870	2.26	ng	# 1
49) Dimethylphthalate	9.62	163	116301	13.12	ng	# 95
50) 2,6-Dinitrotoluene	9.69	165	8631	4.46	ng	# 5
51) Acenaphthene	9.94	154	46797	6.18	ng	# 69
52) 3-Nitroaniline	9.82	138	20767	10.19	ng	# 28
53) 2,4-Dinitrophenol	10.20	184	12302	25.73	ng	90
54) Dibenzofuran	10.11	168	80209	8.15	ng	# 1
55) 4-Nitrophenol	10.02	139	43337	34.05	ng	# 43
56) 2,4-Dinitrotoluene	10.12	165	10053	4.05	ng	# 58
57) Fluorene	10.46	166	113205	12.99	ng	# 76
58) 2,3,4,6-Tetrachlorophenol	10.24	232	7055	4.38	ng	# 2
61) 4-Nitroaniline	10.38	138	11487	5.45	ng	86
62) Azobenzene	10.61	77	16424	2.14	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.53	198	1012	4.88	ng	# 1

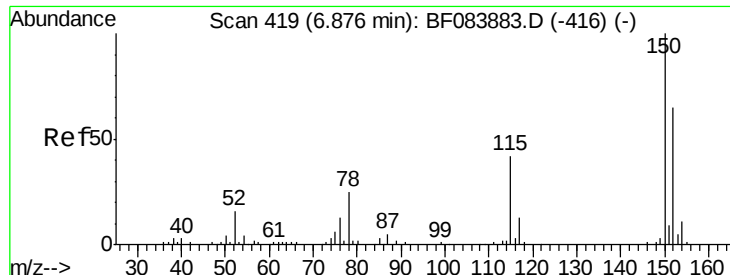
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083970.D
 Acq On : 19 Dec 2015 22:30
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) n-Nitrosodiphenylamine	10.58	169	220778	38.13	ng	# 48
68) Atrazine	11.13	200	19114	10.42	ng	# 1
69) Pentachlorophenol	11.24	266	3614	8.63	ng	# 1
70) Phenanthrene	11.42	178	347906	36.19	ng	# 93
71) Anthracene	11.52	178	67324	7.24	ng	# 1
74) Fluoranthene	12.62	202	45183	4.71	ng	# 88
77) Pyrene	12.79	202	10792	Below Cal		# 25
80) Benzo(a)anthracene	14.00	228	20796	2.39	ng	# 75
82) Chrysene	14.00	228	20796	2.48	ng	# 80
85) Indeno(1,2,3-cd)pyrene	16.87	276	12738	2.03	ng	# 93
87) Benzo(b)fluoranthene	15.04	252	34282	3.86	ng	# 69
88) Benzo(k)fluoranthene	15.04	252	34282	4.68	ng	# 71
89) Benzo(a)pyrene	15.38	252	16906	2.31	ng	# 59
91) Benzo(g,h,i)perylene	17.29	276	12934	2.31	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

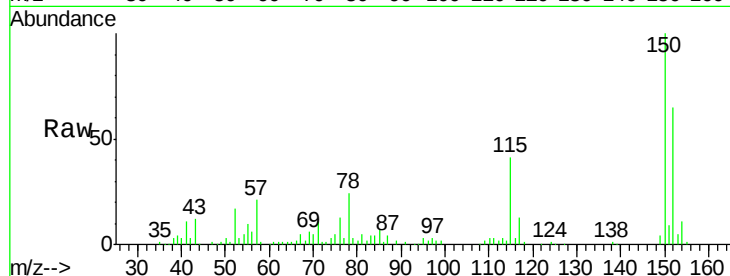
Tgt Ion:152 Resp: 63973

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

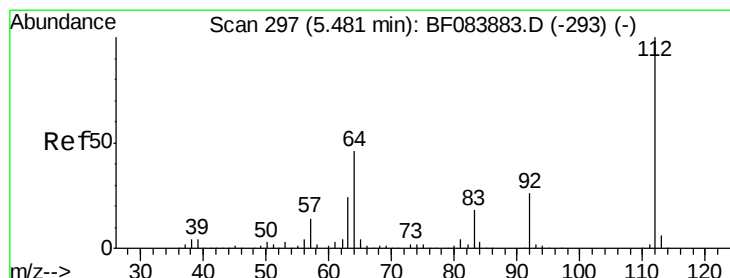
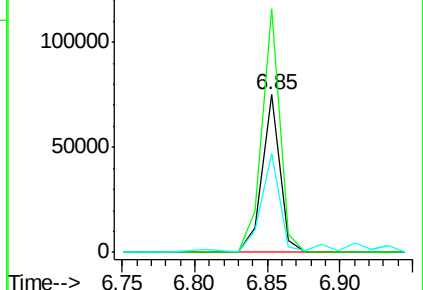
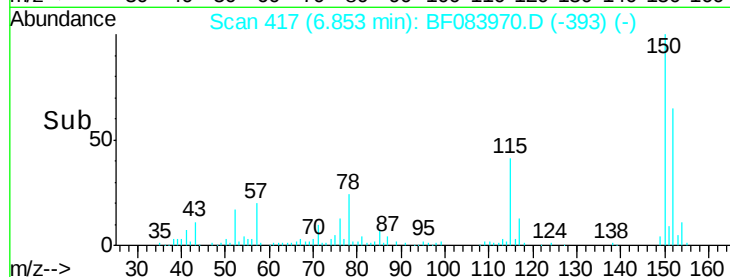
115 62.6 51.4 77.2



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



#5

2-Fluorophenol

Concen: 79.82 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.02 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

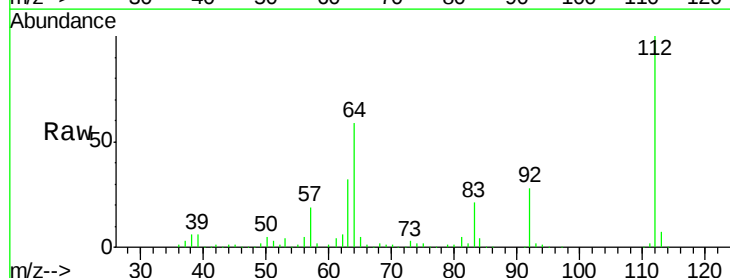
Tgt Ion:112 Resp: 326301

Ion Ratio Lower Upper

112 100

64 59.5 36.6 55.0#

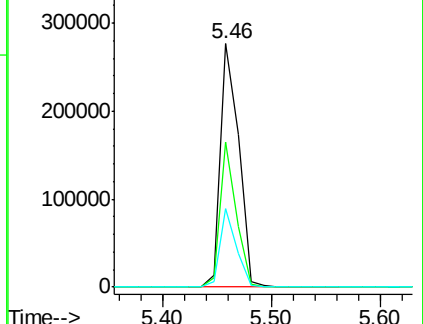
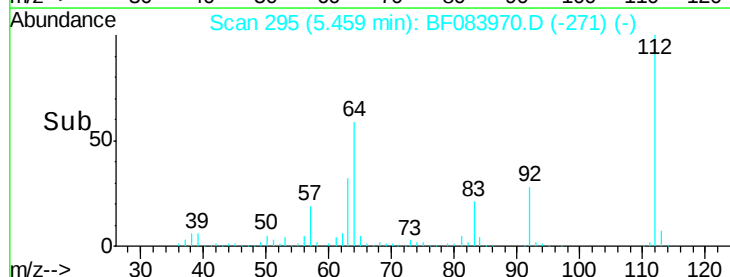
63 32.2 19.4 29.0#

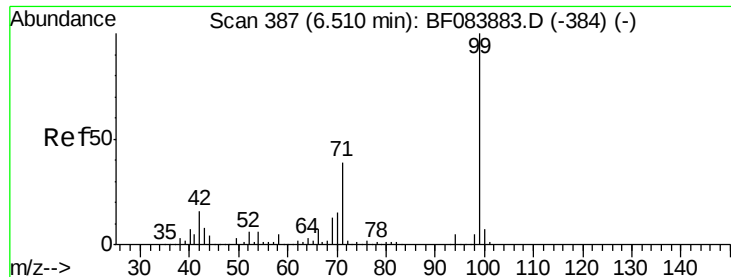


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.31 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

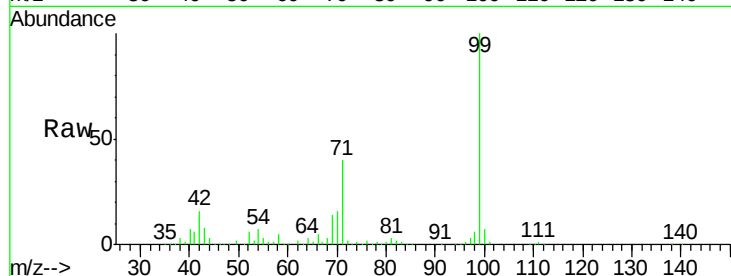
Tgt Ion: 99 Resp: 456860

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

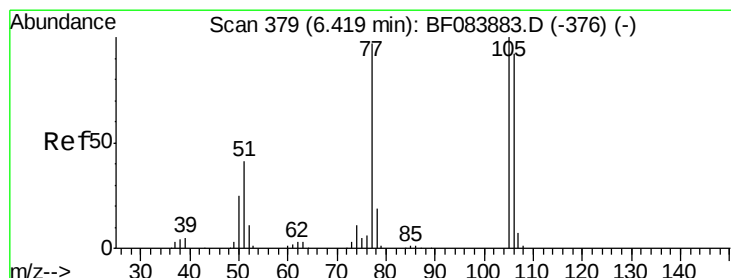
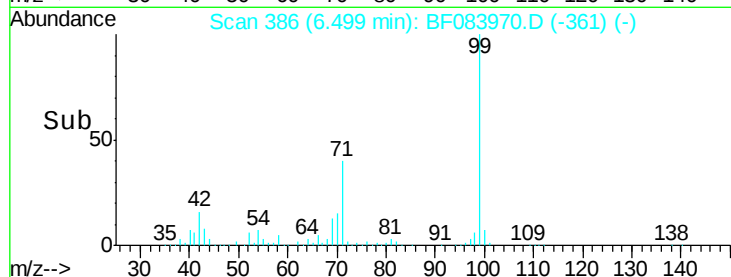
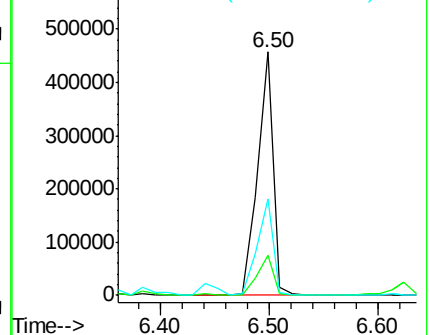
71 39.9 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.58 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

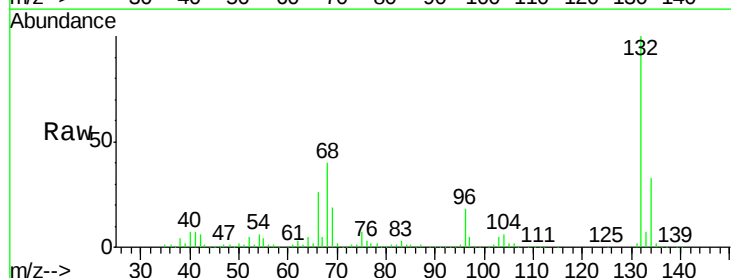
Tgt Ion: 77 Resp: 10787

Ion Ratio Lower Upper

77 100

105 84.4 83.0 123.0

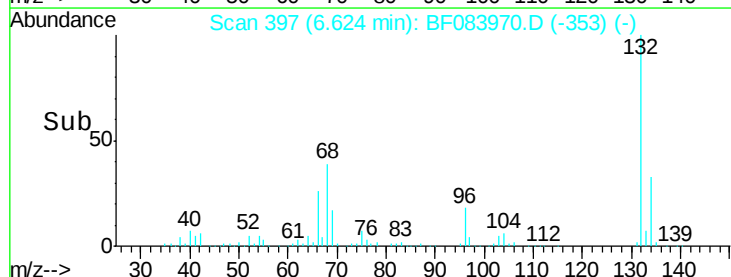
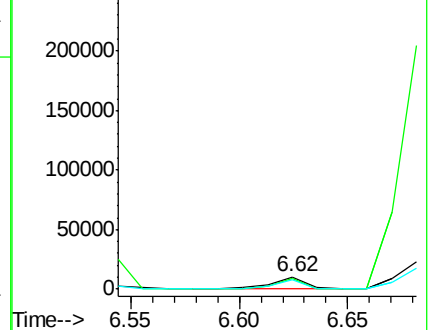
106 82.7 74.6 114.6

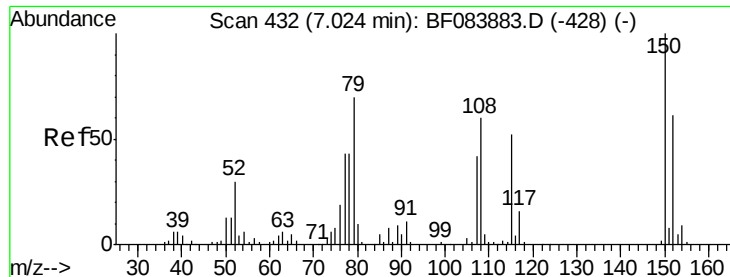


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 3.46 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

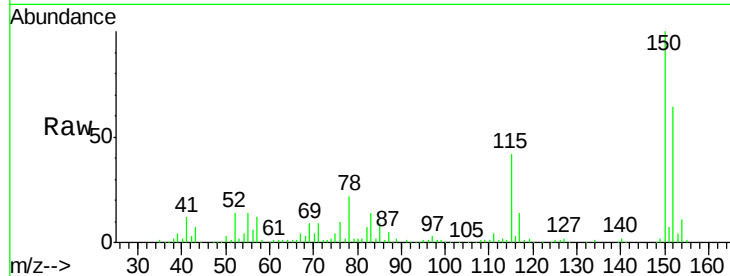
Tgt Ion: 79 Resp: 13083

Ion Ratio Lower Upper

79 100

108 26.5 69.0 103.4#

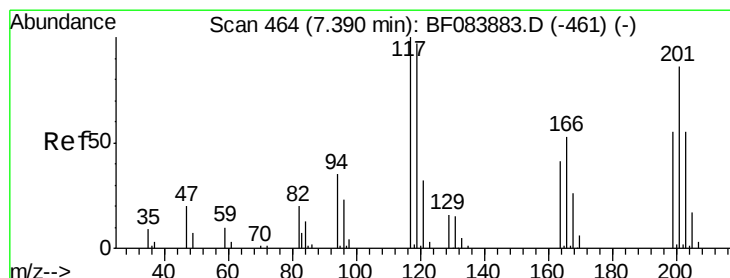
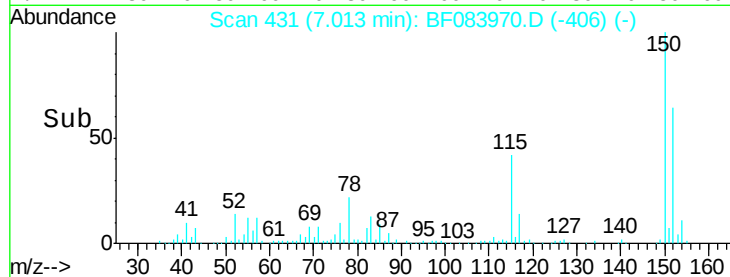
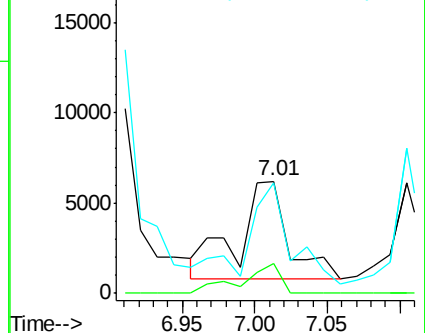
77 98.2 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 10.01 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

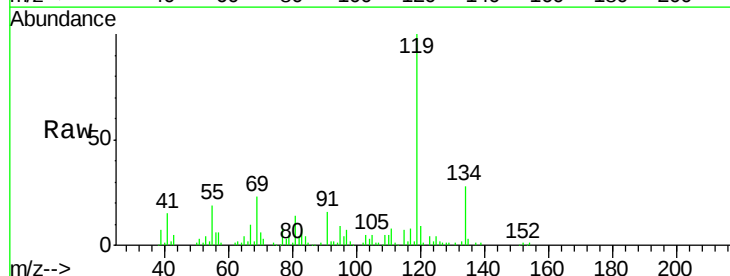
Tgt Ion: 117 Resp: 19616

Ion Ratio Lower Upper

117 100

119 1197.4 77.4 116.0#

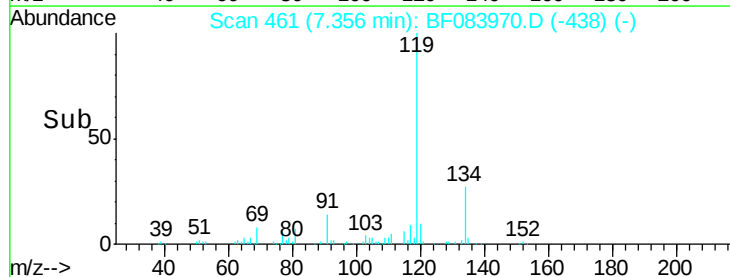
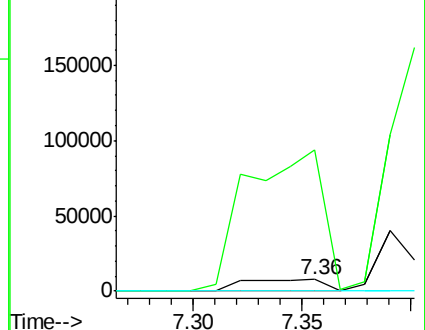
201 0.0 68.6 103.0#

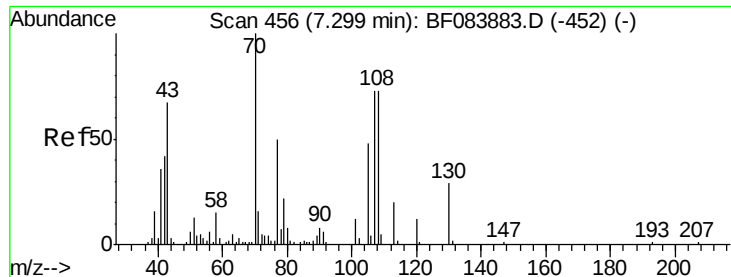


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

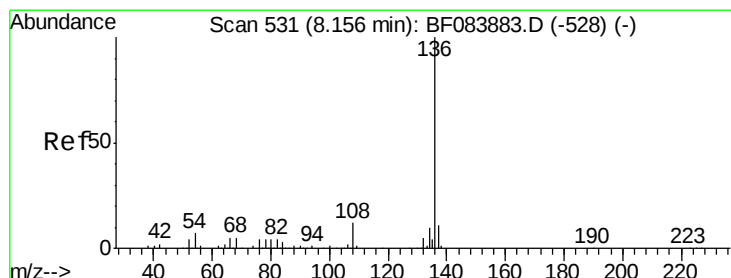
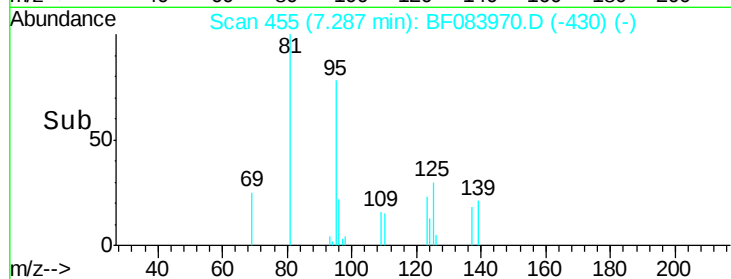
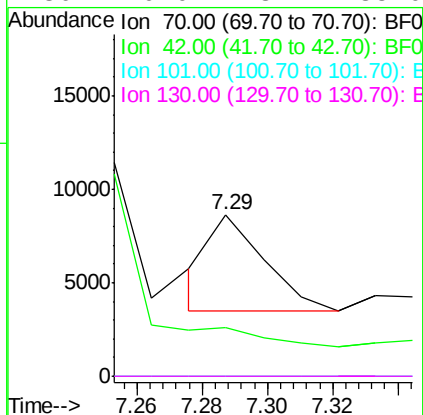
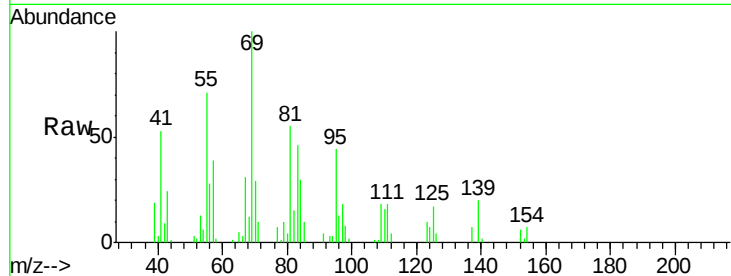




#19
n-Nitroso-di-n-propylamine
Concen: 2.04 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

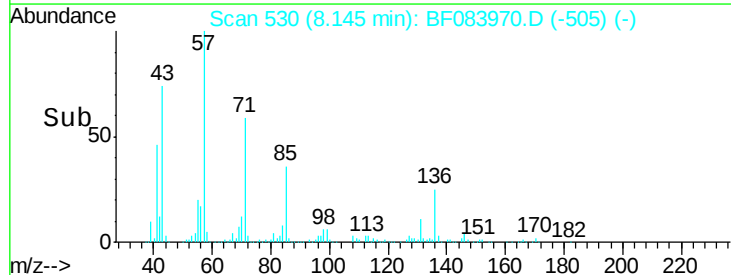
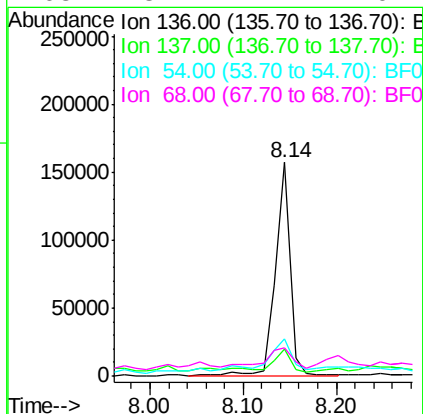
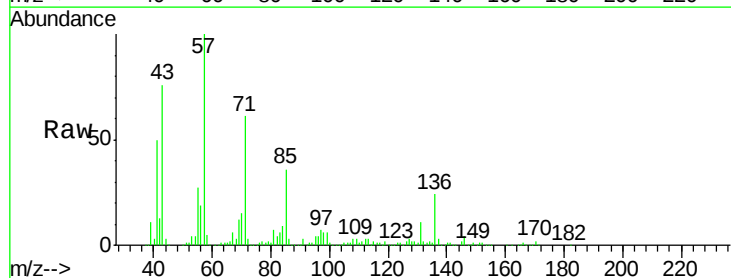
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

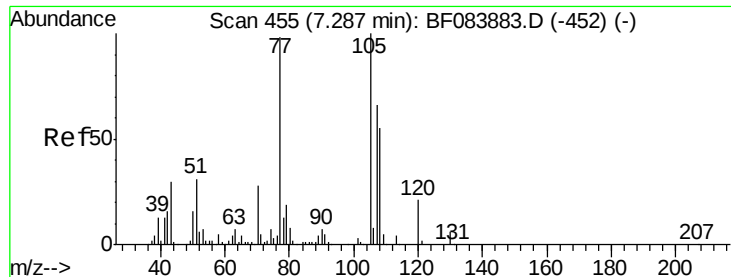
Tgt Ion: 70 Resp: 5950
Ion Ratio Lower Upper
70 100
42 30.1 33.3 49.9#
101 0.0 9.3 13.9#
130 0.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Tgt Ion: 136 Resp: 170481
Ion Ratio Lower Upper
136 100
137 12.5 8.7 13.1
54 17.2 5.8 8.8#
68 13.2 4.2 6.2#





#22

Acetophenone

Concen: 22.01 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

Tgt Ion:105 Resp: 90342

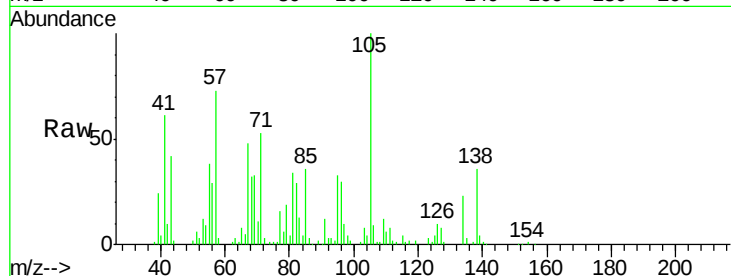
Ion Ratio Lower Upper

105 100

71 52.9 3.7 5.5#

51 6.1 25.1 37.7#

120 0.0 16.6 25.0#

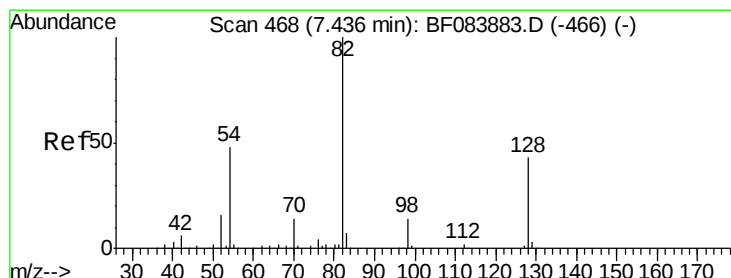
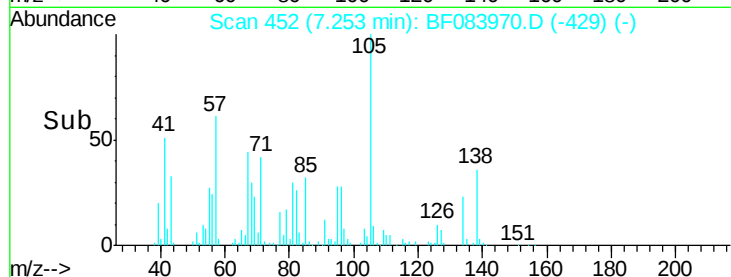
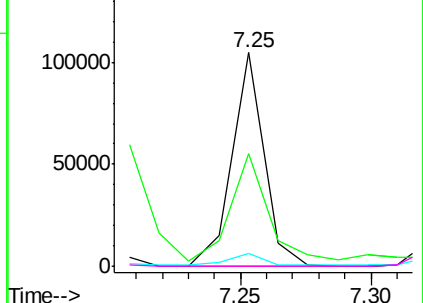


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.72 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

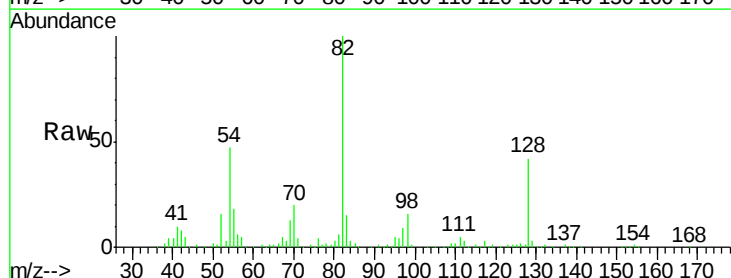
Tgt Ion: 82 Resp: 267999

Ion Ratio Lower Upper

82 100

128 41.7 34.6 51.8

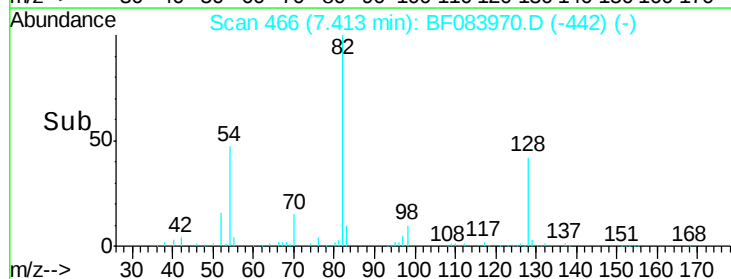
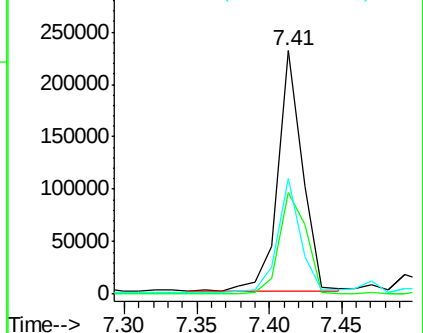
54 47.4 38.4 57.6

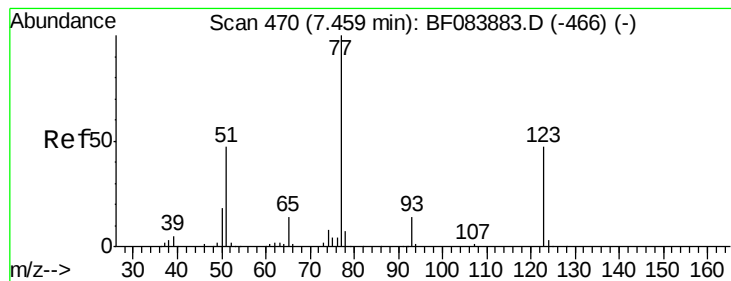


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 9.26 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.07 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

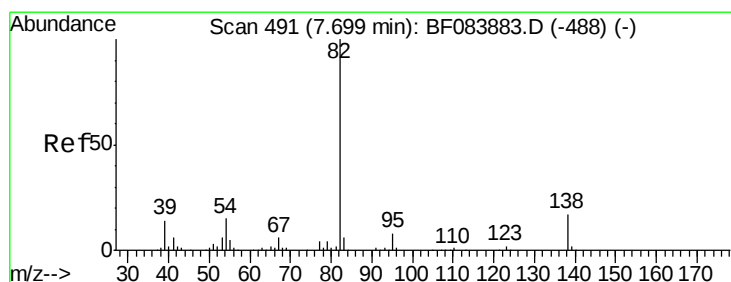
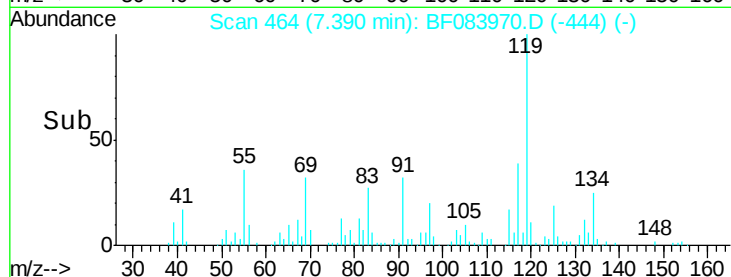
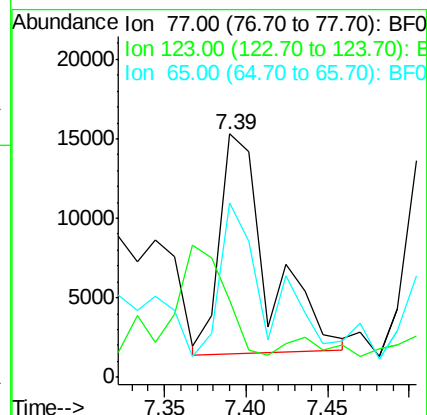
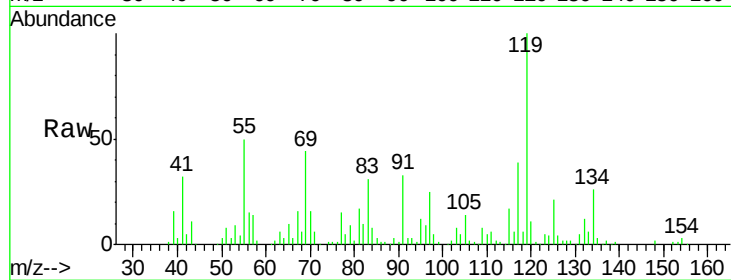
Tgt Ion: 77 Resp: 28618

Ion Ratio Lower Upper

77 100

123 31.9 37.4 56.2#

65 71.4 10.9 16.3#



#25

Isophorone

Concen: 5.88 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

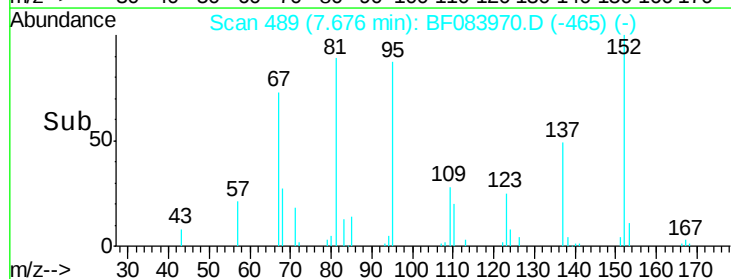
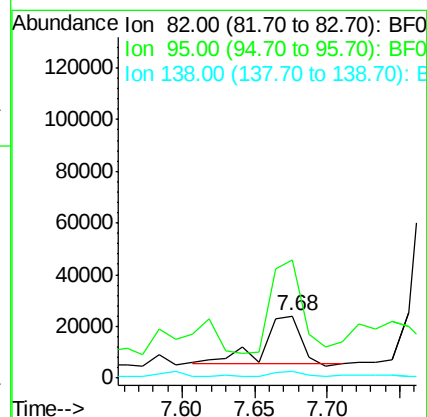
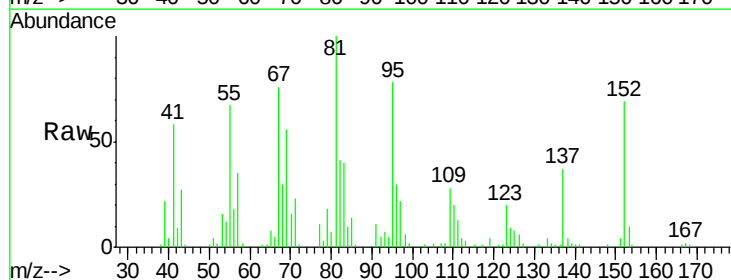
Tgt Ion: 82 Resp: 33045

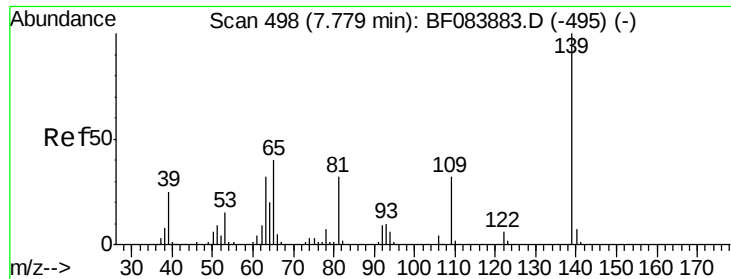
Ion Ratio Lower Upper

82 100

95 189.3 6.6 10.0#

138 10.8 13.6 20.4#

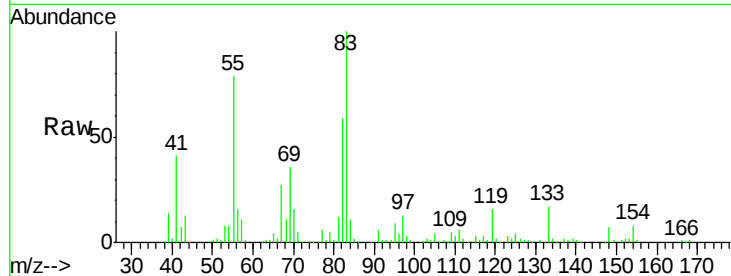




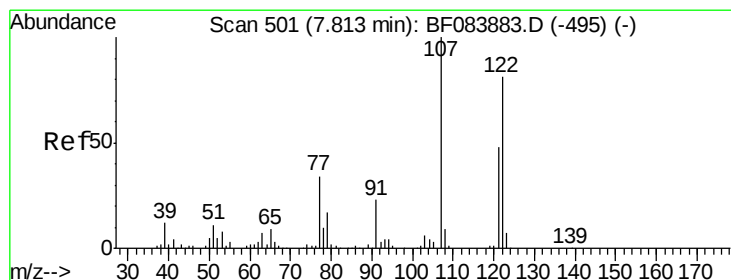
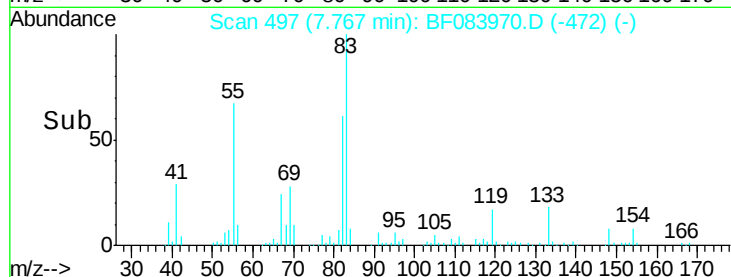
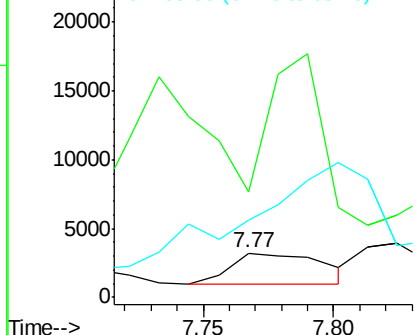
#26
2-Nitrophenol
Concen: 3.46 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

Tgt Ion:139 Resp: 5532
Ion Ratio Lower Upper
139 100
109 235.7 25.4 38.2#
65 173.9 32.3 48.5#

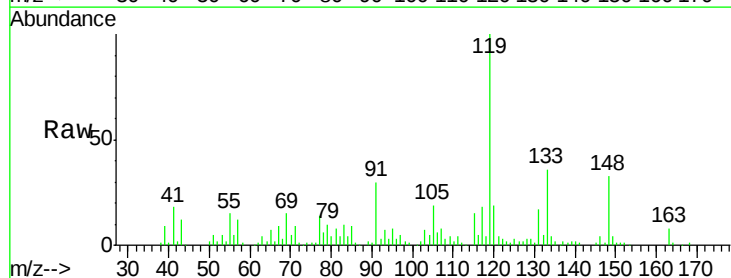


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

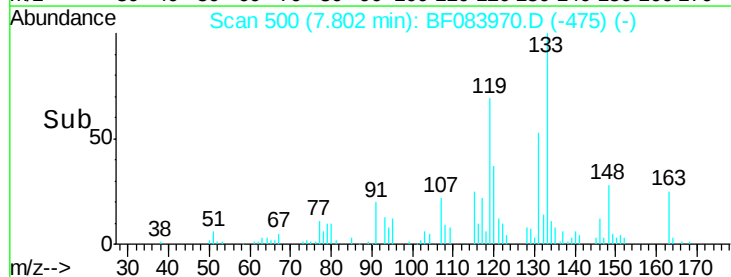
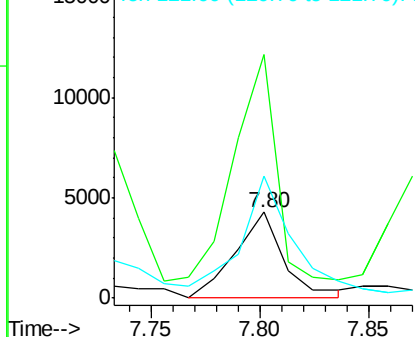


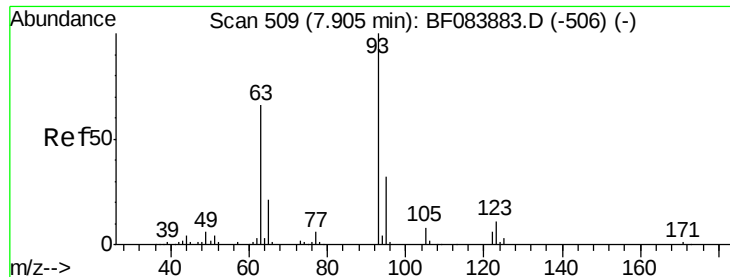
#27
2,4-Dimethylphenol
Concen: 2.45 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Tgt Ion:122 Resp: 6750
Ion Ratio Lower Upper
122 100
107 282.7 99.1 148.7#
121 141.8 47.9 71.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

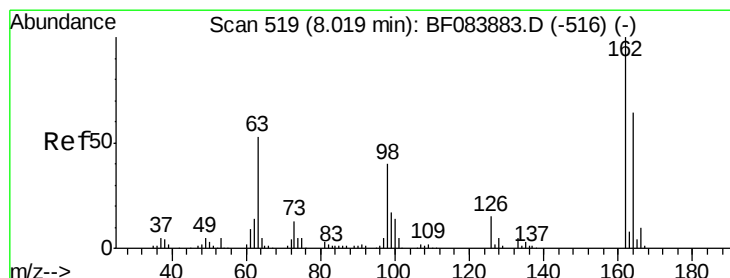
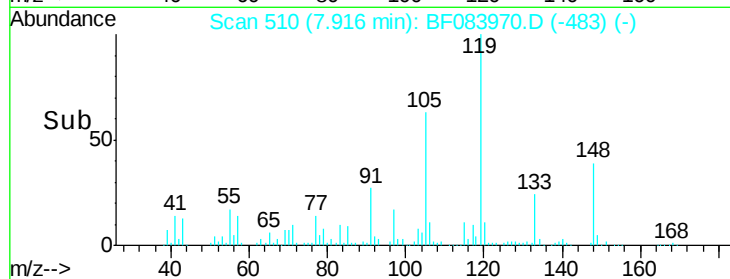
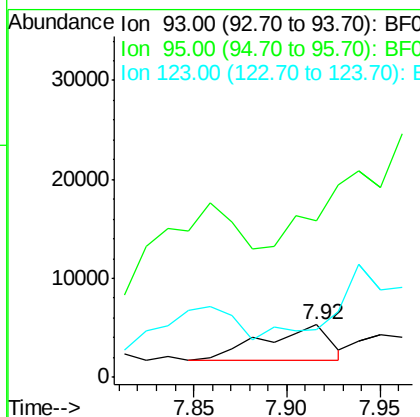
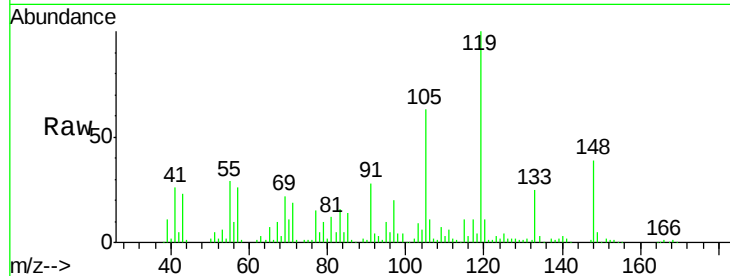




#28
bis(2-Chloroethoxy)methane
Concen: 2.74 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

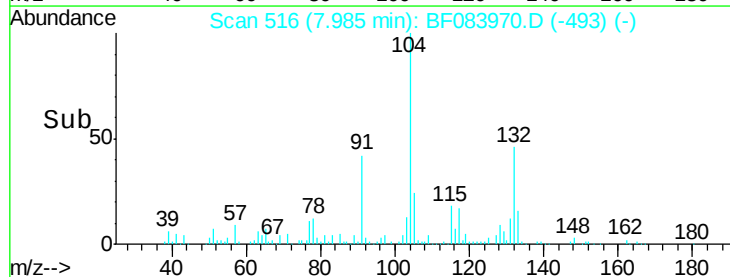
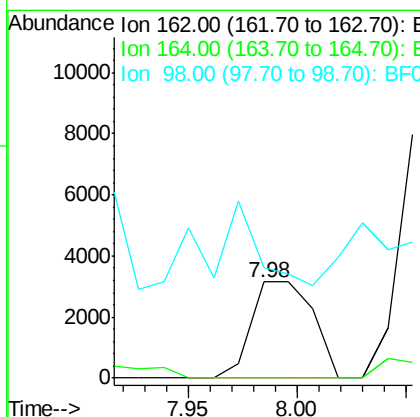
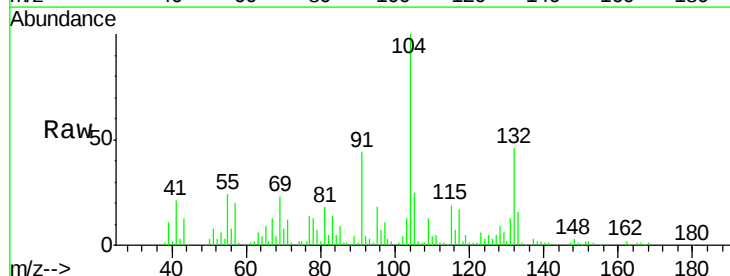
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

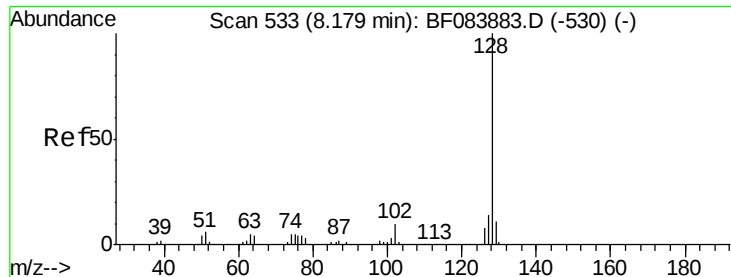
Tgt Ion: 93 Resp: 9121
Ion Ratio Lower Upper
93 100
95 299.9 25.8 38.6#
123 90.6 8.6 12.8#



#29
2,4-Dichlorophenol
Concen: 2.48 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Tgt Ion: 162 Resp: 6203
Ion Ratio Lower Upper
162 100
164 0.0 44.1 84.1#
98 114.3 20.2 60.2#

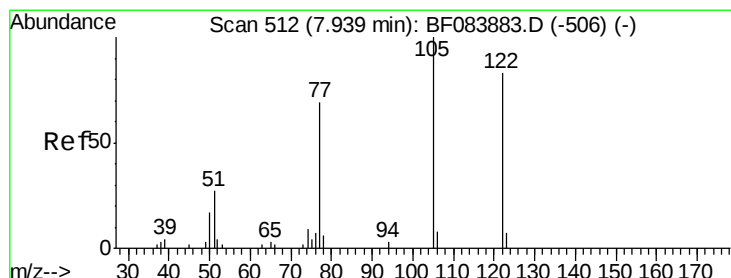
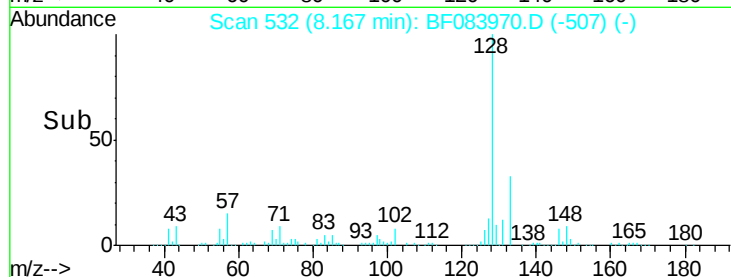
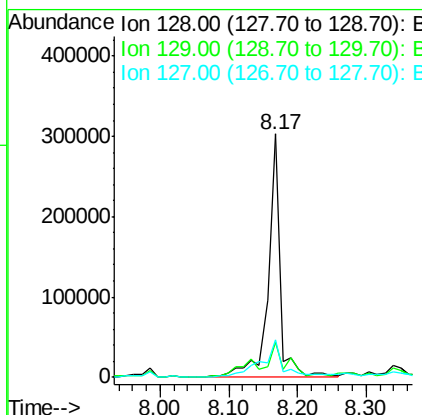
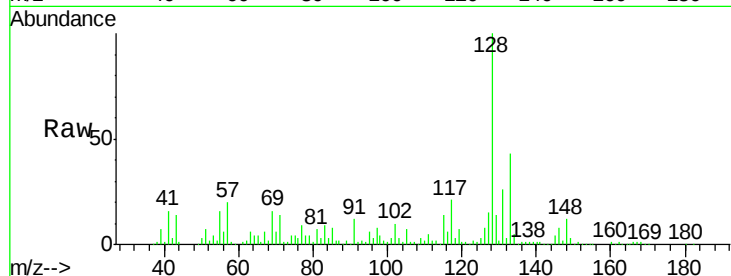




#31
Naphthalene
Concen: 42.29 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

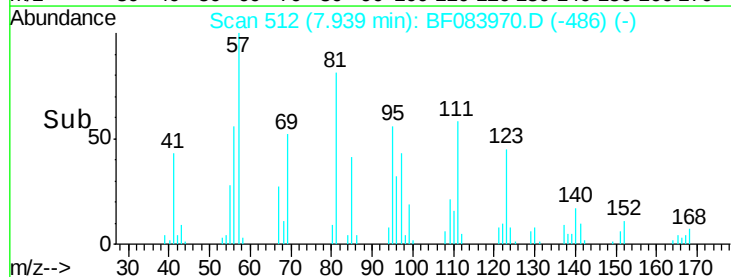
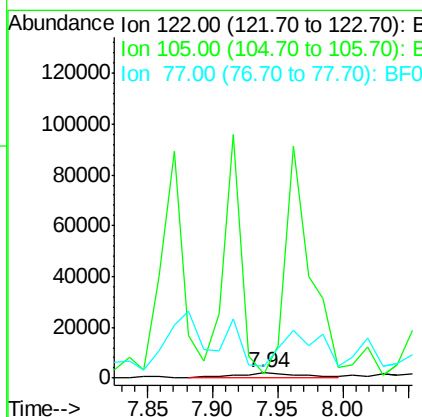
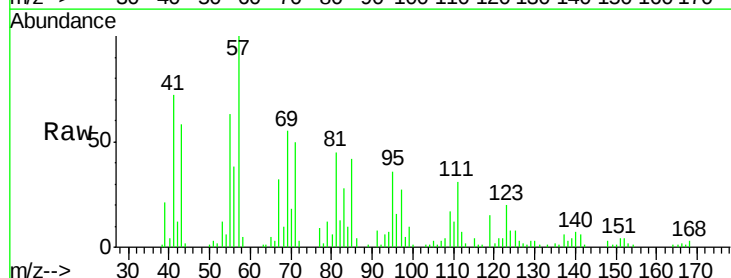
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

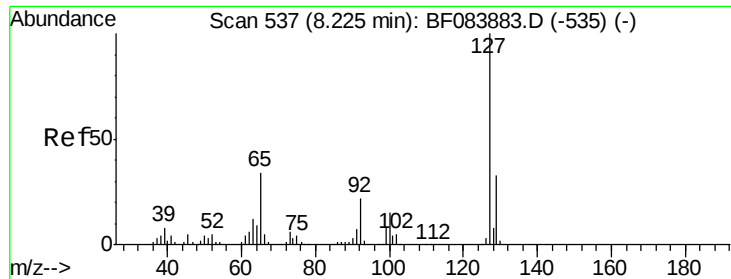
Tgt Ion:128 Resp: 364383
Ion Ratio Lower Upper
128 100
129 14.4 9.1 13.7#
127 15.2 11.1 16.7



#32
Benzoic acid
Concen: 8.47 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Tgt Ion:122 Resp: 5253
Ion Ratio Lower Upper
122 100
105 74.8 100.3 140.3#
77 232.6 63.5 103.5#

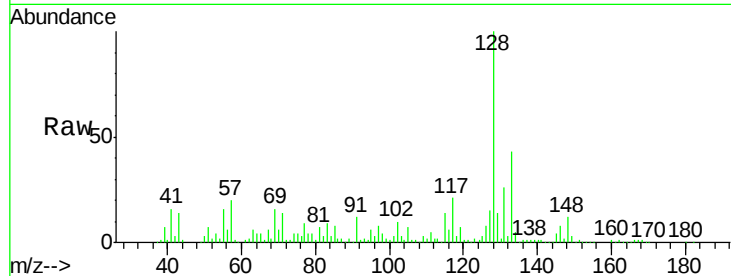




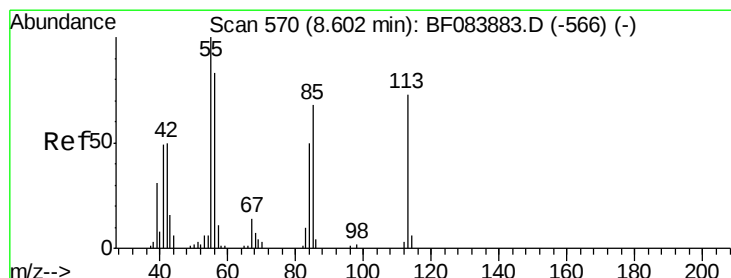
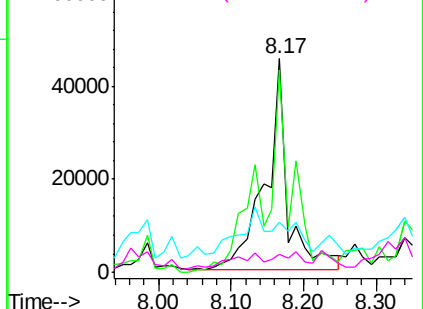
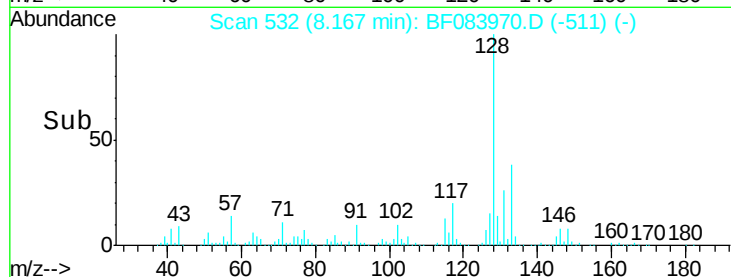
#33
4-Chloroaniline
Concen: 25.46 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.06 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

Tgt Ion:	127	Resp:	98521
Ion	Ratio	Lower	Upper
127	100		
129	94.9	26.5	39.7#
65	23.4	27.2	40.8#
92	8.6	17.7	26.5#

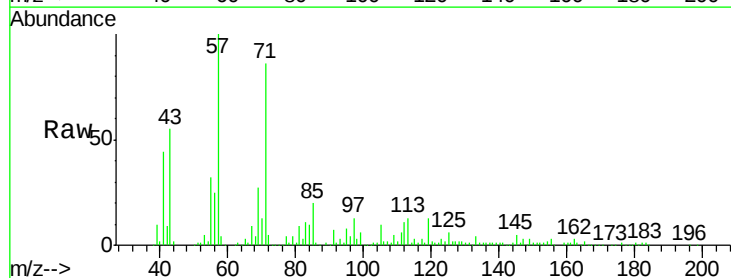


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

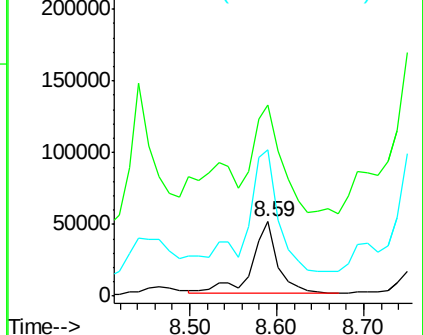
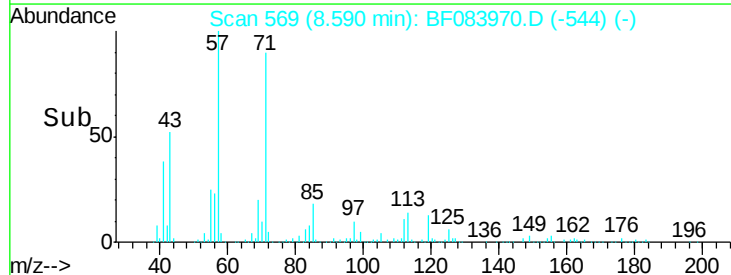


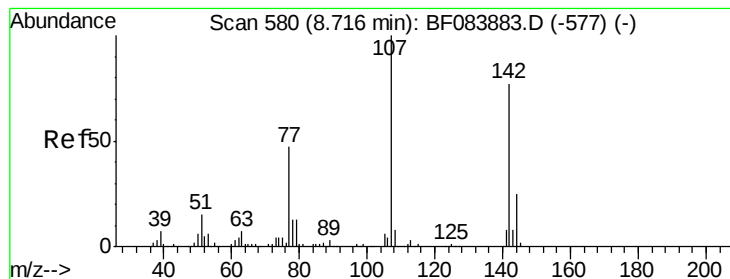
#35
Caprolactam
Concen: 127.25 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Tgt Ion:	113	Resp:	105069
Ion	Ratio	Lower	Upper
113	100		
55	256.9	116.9	156.9#
56	197.2	93.8	133.8#



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





#36

4-Chloro-3-methylphenol

Concen: 4.40 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.02 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

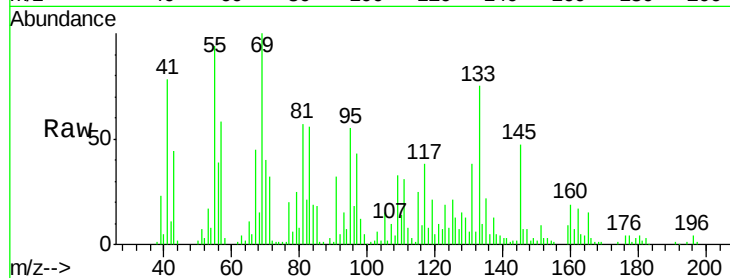
Tgt Ion:107 Resp: 16913

Ion Ratio Lower Upper

107 100

144 15.2 19.7 29.5#

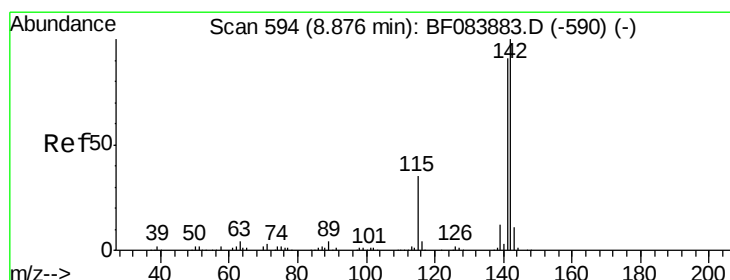
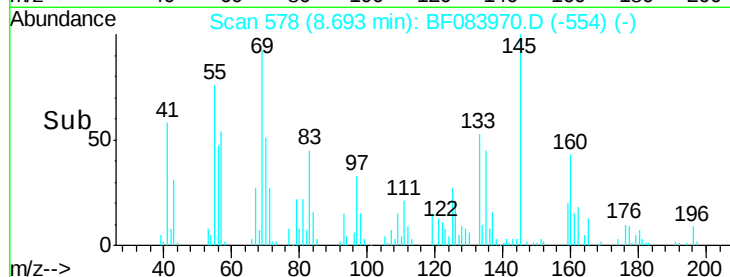
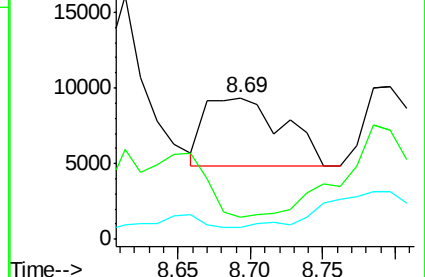
142 8.2 61.8 92.6#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 143.92 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

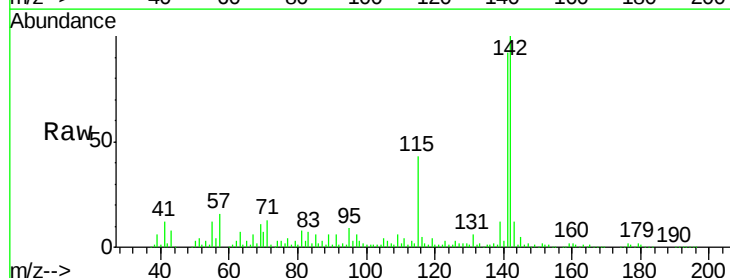
Tgt Ion:142 Resp: 852738

Ion Ratio Lower Upper

142 100

141 91.6 72.4 108.6

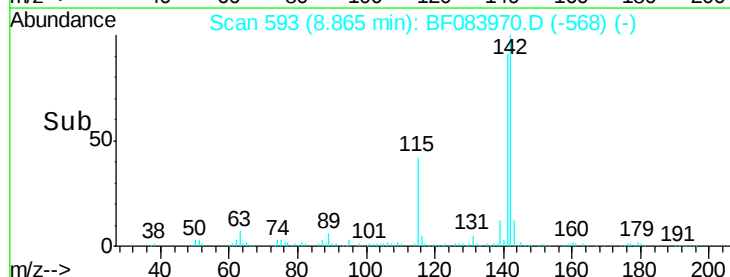
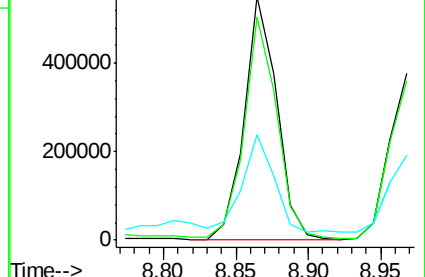
115 43.2 27.9 41.9#

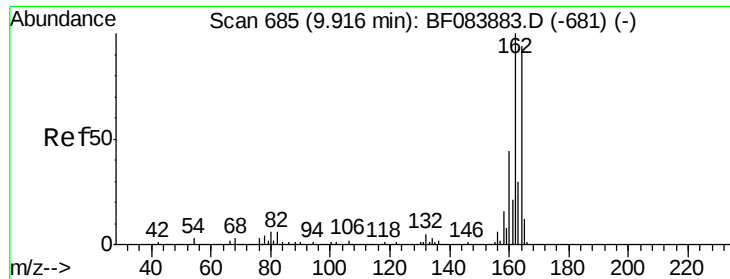


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

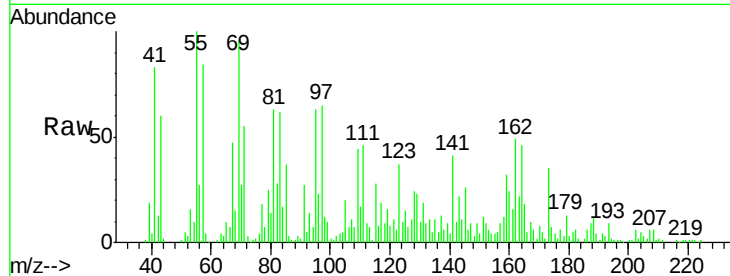
Tgt Ion:164 Resp: 105676

Ion Ratio Lower Upper

164 100

162 105.0 85.1 127.7

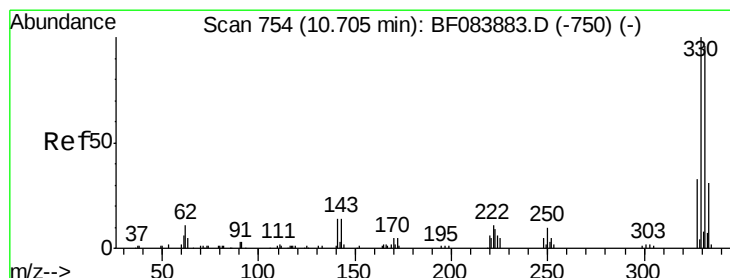
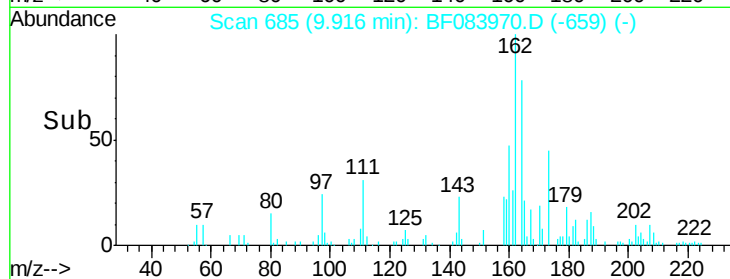
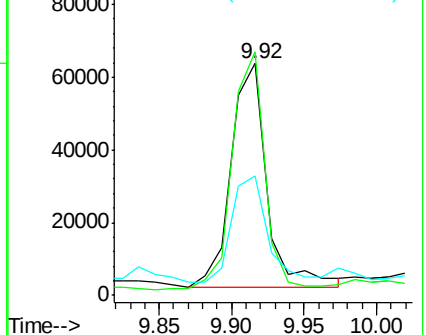
160 51.7 37.5 56.3



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



#41

2,4,6-Tribromophenol

Concen: 90.99 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

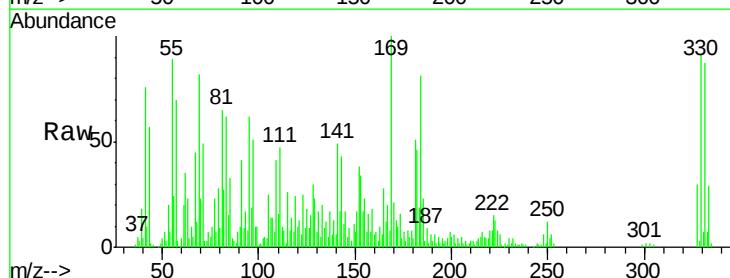
Tgt Ion:330 Resp: 105931

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

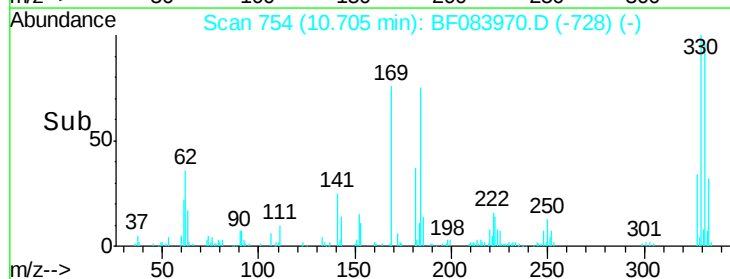
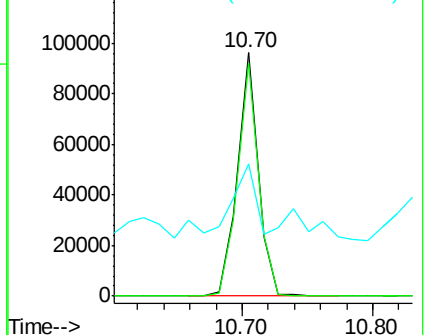
141 41.9 27.8 41.6#

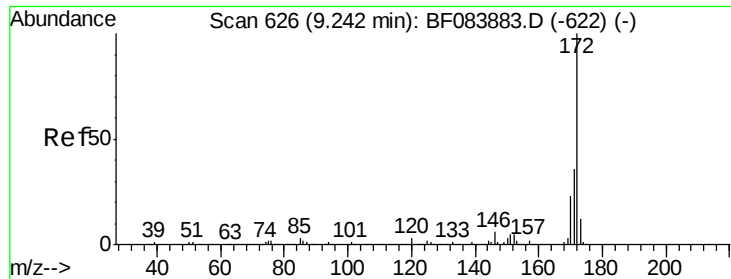


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

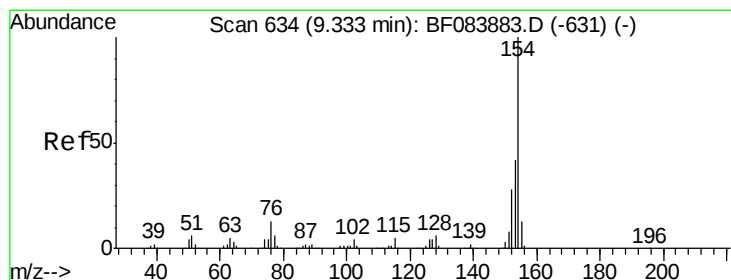
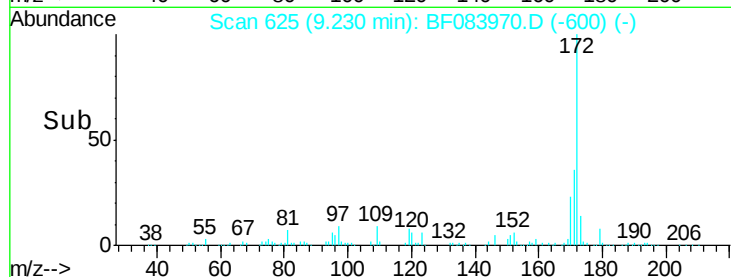
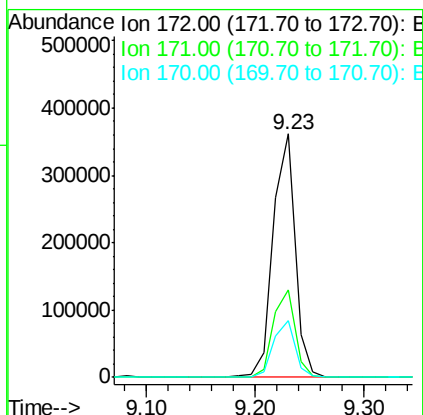
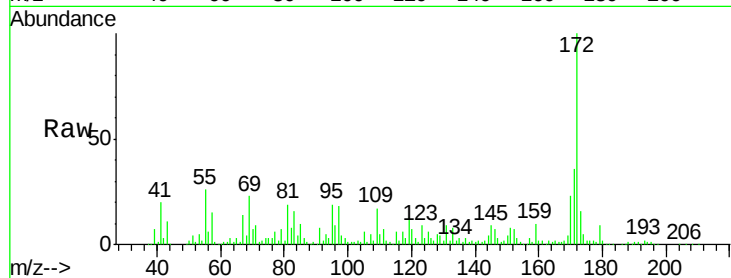




#44
 2-Fluorobiphenyl
 Concen: 65.48 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083970.D
 Acq: 19 Dec 2015 22:30

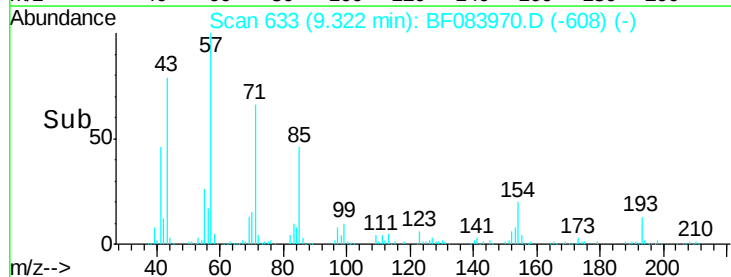
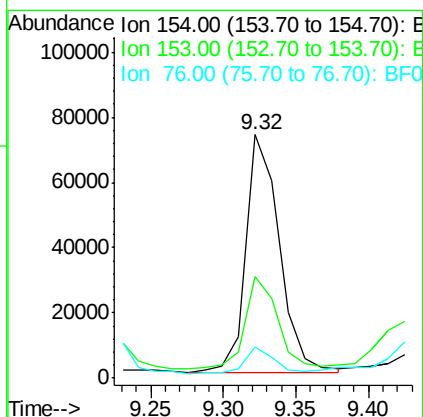
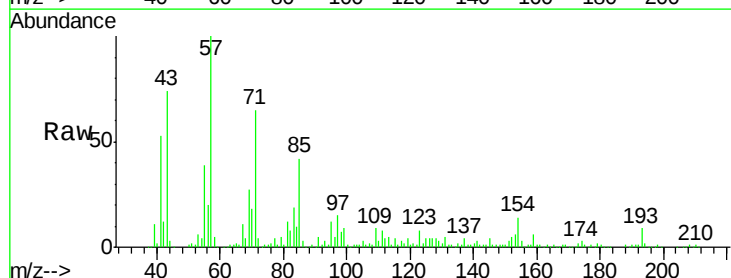
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK2

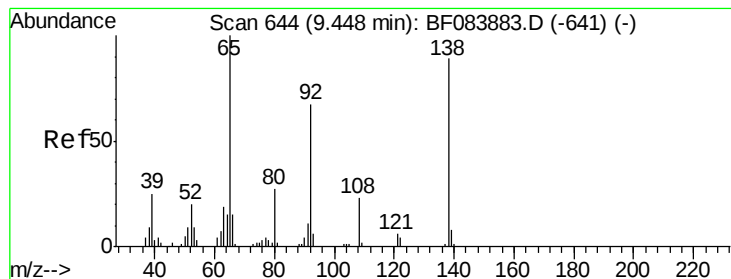
Tgt Ion:172 Resp: 510988
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 23.5 18.6 27.8



#45
 1,1'-Biphenyl
 Concen: 11.91 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF083970.D
 Acq: 19 Dec 2015 22:30

Tgt Ion:154 Resp: 116540
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.6 61.6
 76 13.0 0.0 32.7





#47

2-Nitroaniline

Concen: 4.18 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.06 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

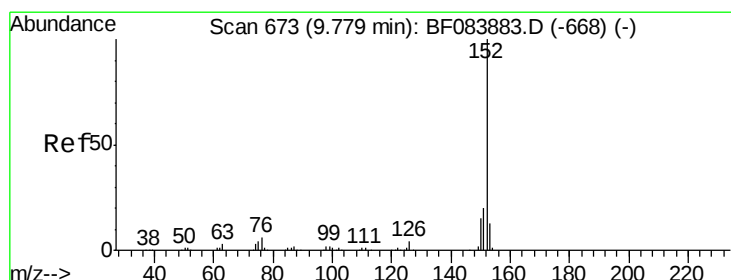
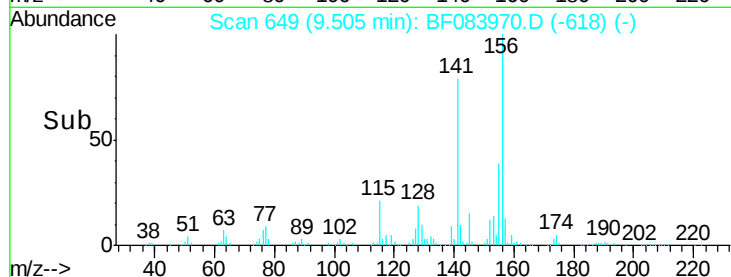
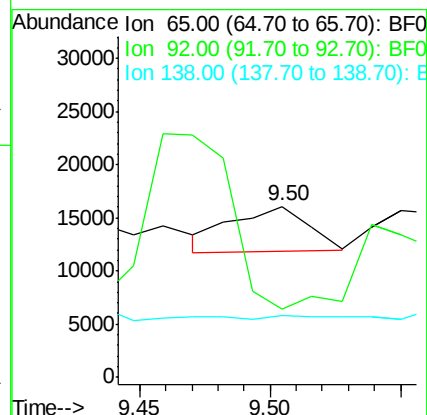
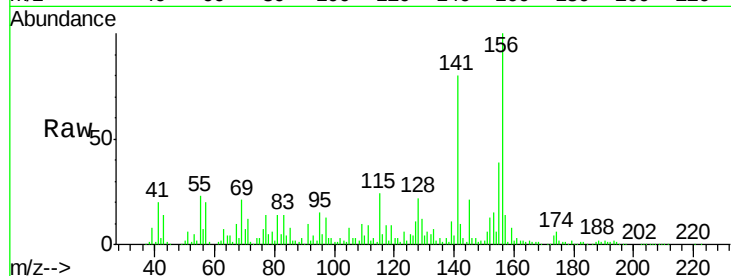
Tgt Ion: 65 Resp: 8738

Ion Ratio Lower Upper

65 100

92 39.6 53.4 80.2#

138 36.2 71.1 106.7#



#48

Acenaphthylene

Concen: 2.26 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

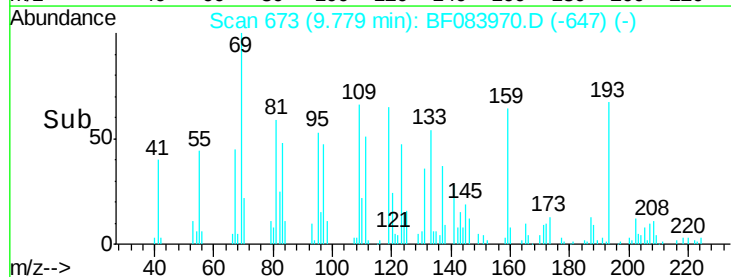
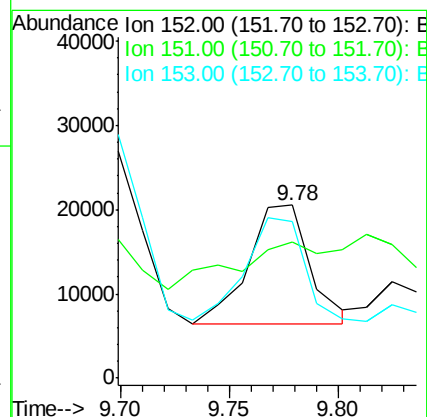
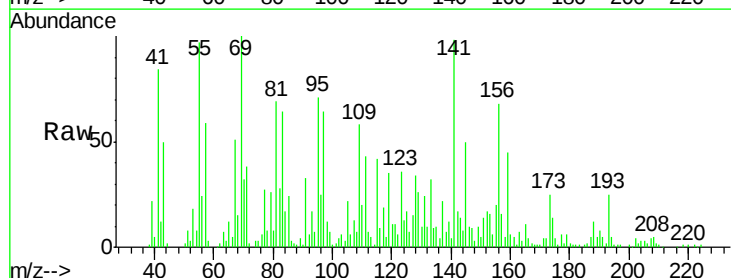
Tgt Ion: 152 Resp: 27870

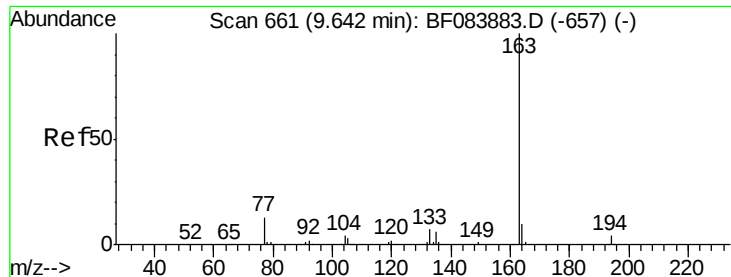
Ion Ratio Lower Upper

152 100

151 79.0 16.3 24.5#

153 90.9 10.4 15.6#

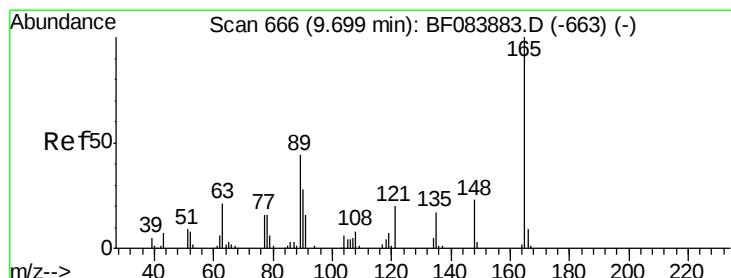
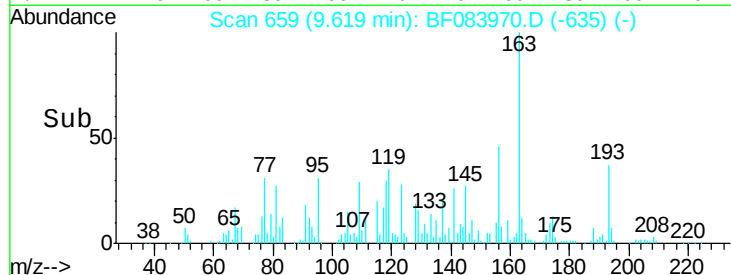
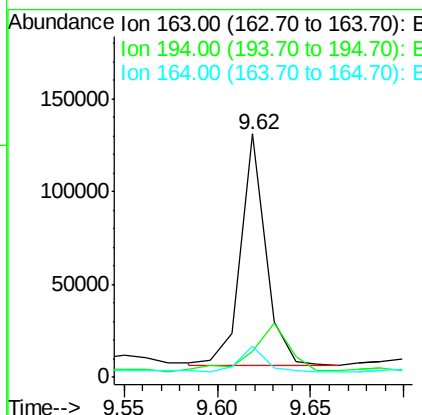
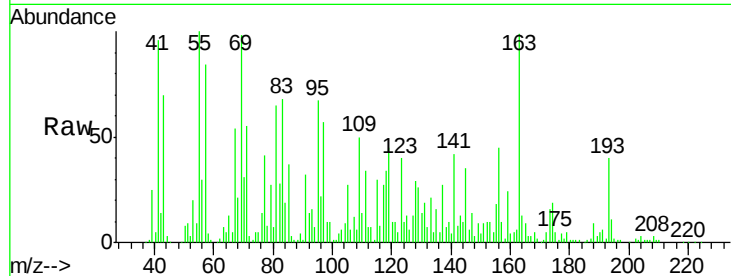




#49
Dimethylphthalate
Concen: 13.12 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

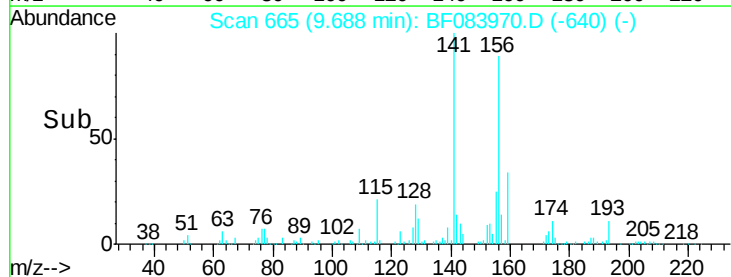
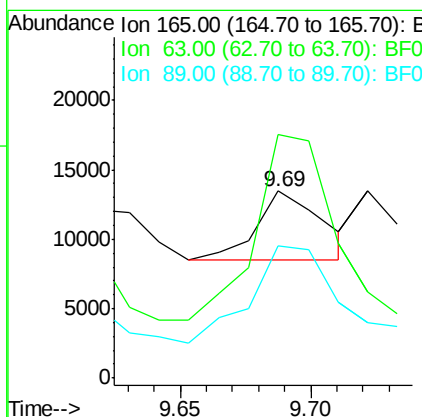
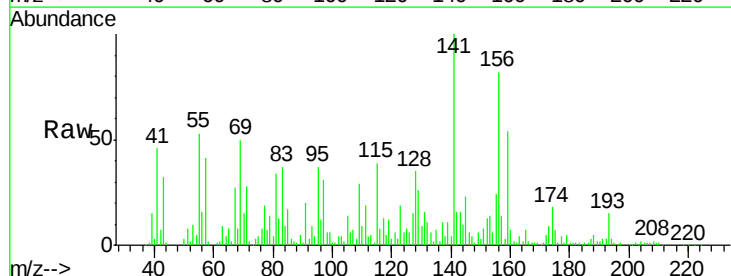
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

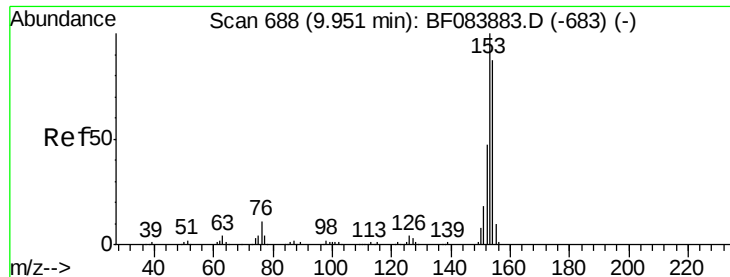
Tgt Ion:163 Resp: 116301
Ion Ratio Lower Upper
163 100
194 10.9 8.0 12.0
164 12.9 8.0 12.0#



#50
2,6-Dinitrotoluene
Concen: 4.46 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Tgt Ion:165 Resp: 8631
Ion Ratio Lower Upper
165 100
63 130.4 28.8 43.2#
89 70.9 35.1 52.7#





#51

Acenaphthene

Concen: 6.18 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

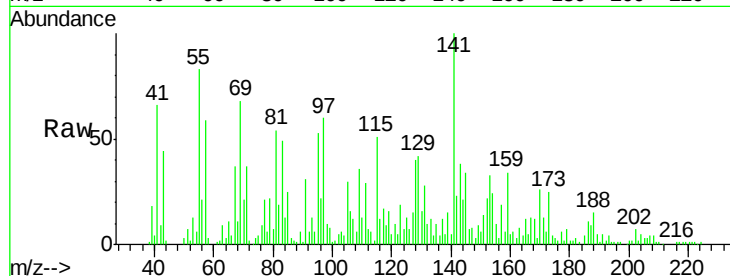
Tgt Ion:154 Resp: 46797

Ion Ratio Lower Upper

154 100

153 136.9 91.5 137.3

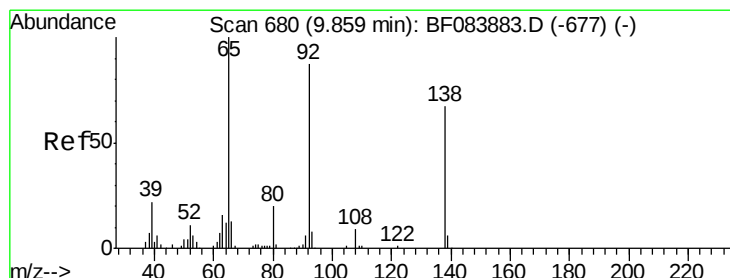
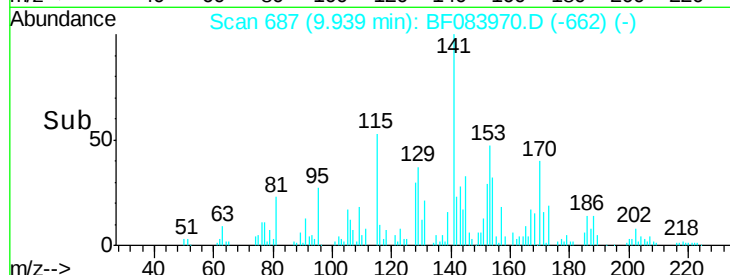
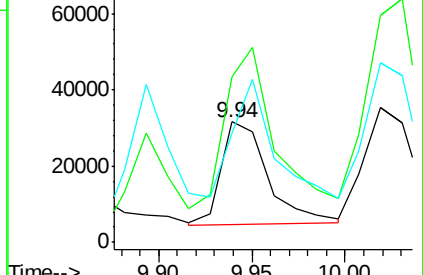
152 91.0 43.0 64.6#



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: 10.19 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

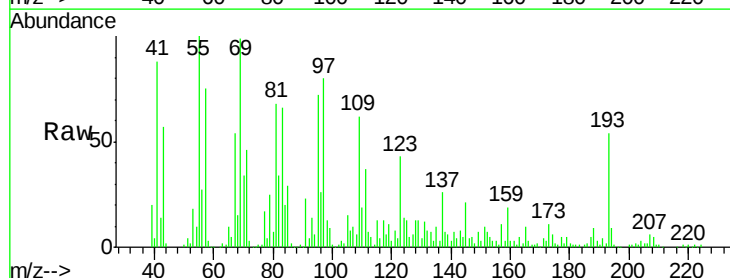
Tgt Ion:138 Resp: 20767

Ion Ratio Lower Upper

138 100

108 86.9 10.5 15.7#

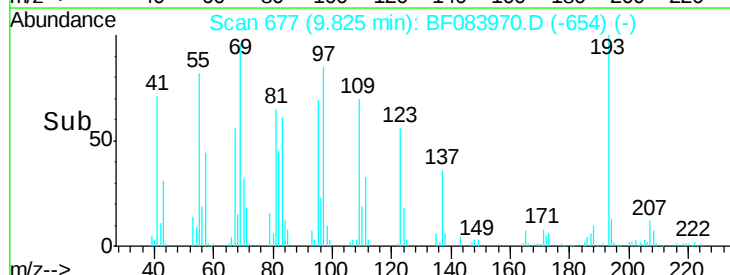
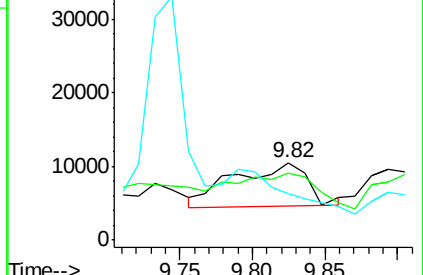
92 59.0 103.9 155.9#

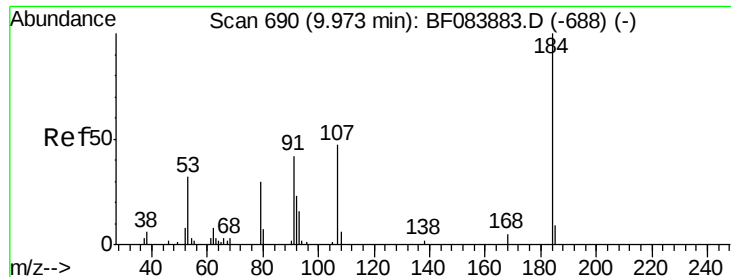


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

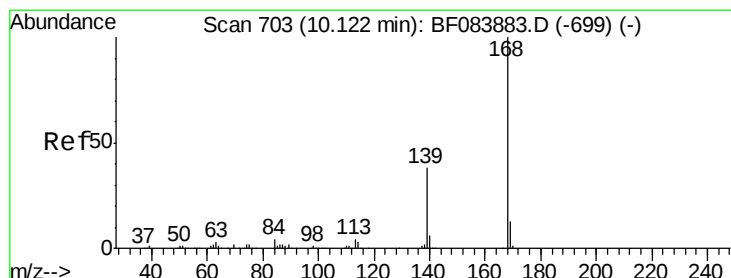
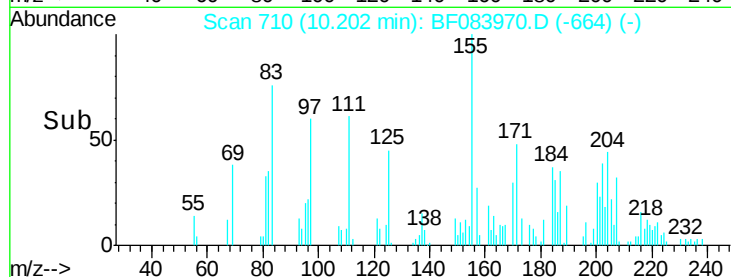
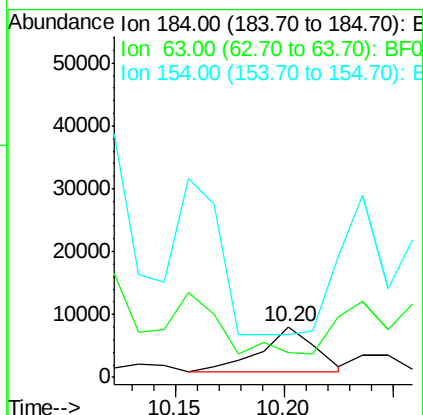
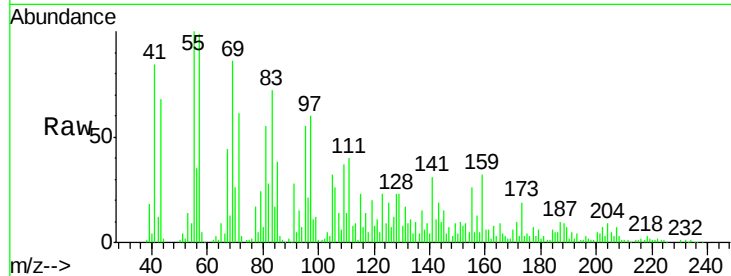




#53
2,4-Dinitrophenol
Concen: 25.73 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.23 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

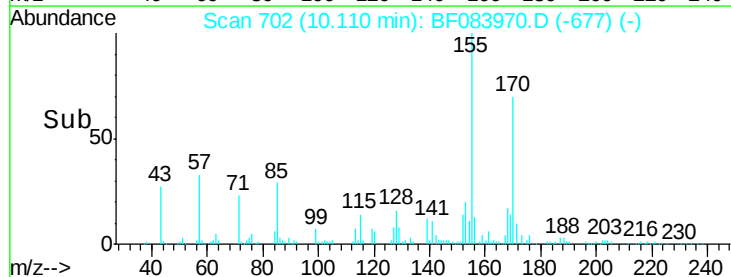
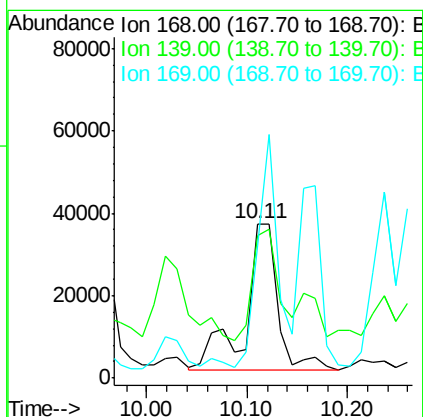
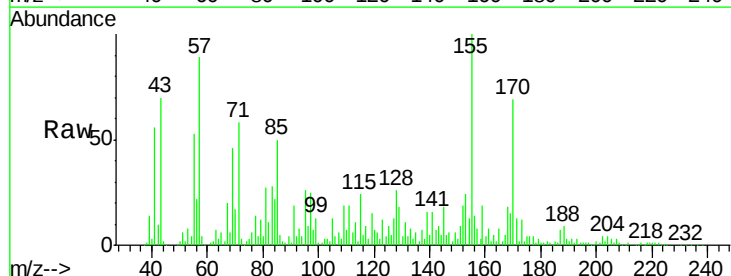
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

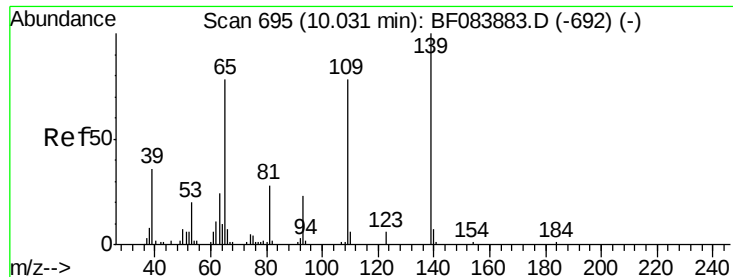
Tgt Ion:184 Resp: 12302
Ion Ratio Lower Upper
184 100
63 49.5 43.1 64.7
154 85.9 60.5 90.7



#54
Dibenzofuran
Concen: 8.15 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Tgt Ion:168 Resp: 80209
Ion Ratio Lower Upper
168 100
139 92.4 30.5 45.7#
169 85.5 10.4 15.6#

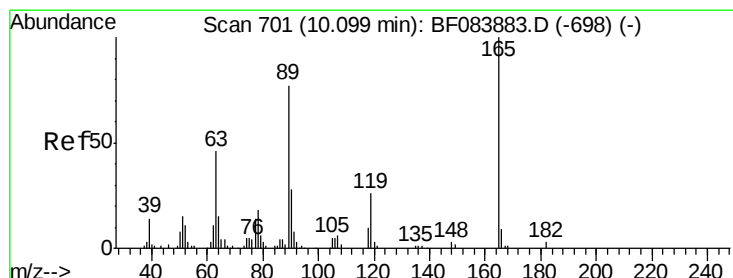
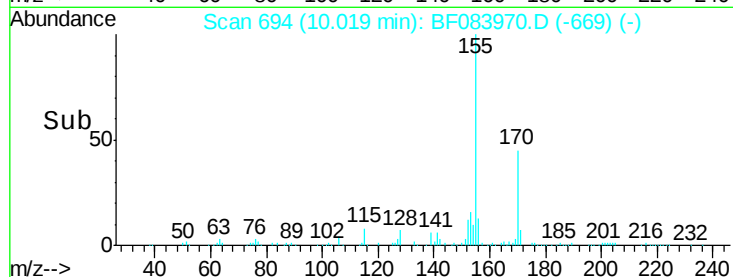
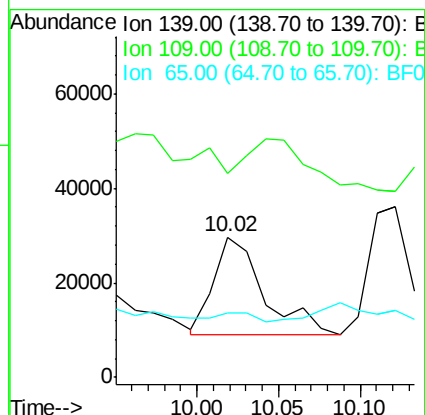
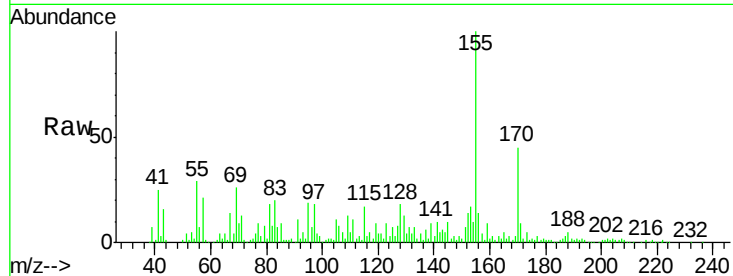




#55
4-Nitrophenol
Concen: 34.05 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

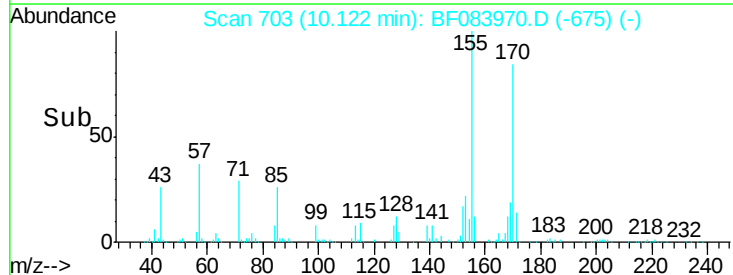
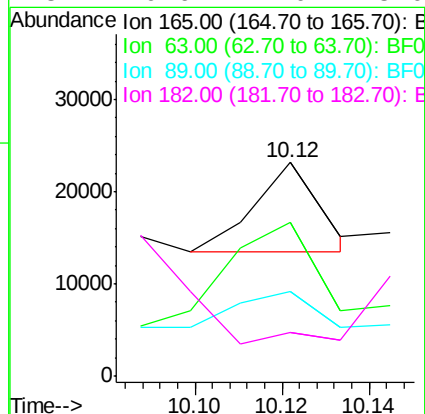
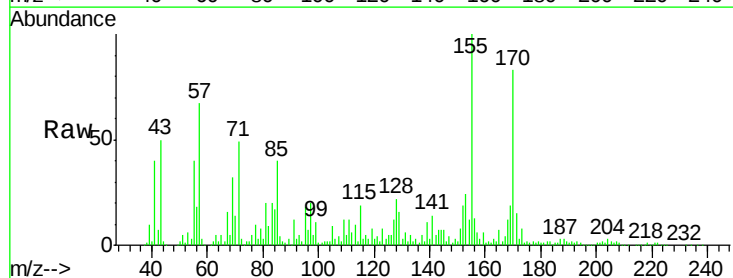
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

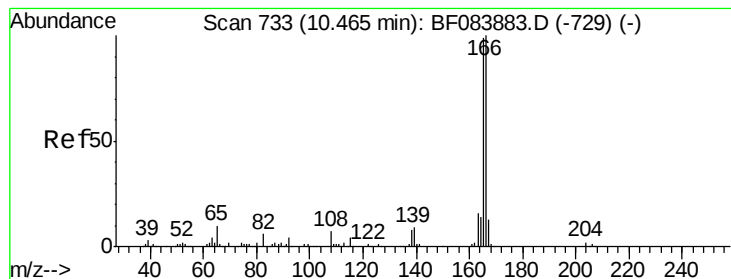
Tgt Ion:139 Resp: 43337
Ion Ratio Lower Upper
139 100
109 145.5 58.5 98.5#
65 45.4 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 4.05 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.02 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Tgt Ion:165 Resp: 10053
Ion Ratio Lower Upper
165 100
63 71.7 36.7 55.1#
89 39.7 61.9 92.9#
182 20.6 2.0 3.0#





#57

Fluorene

Concen: 12.99 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

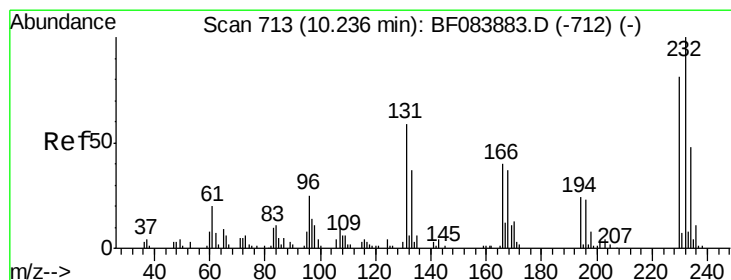
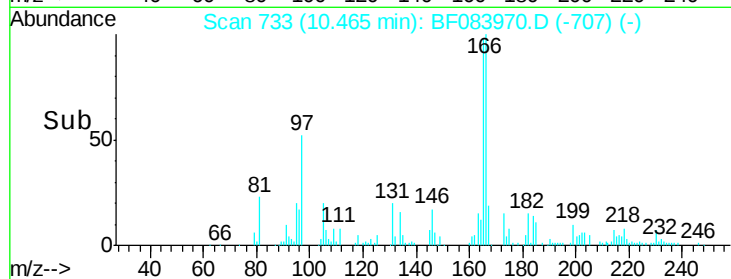
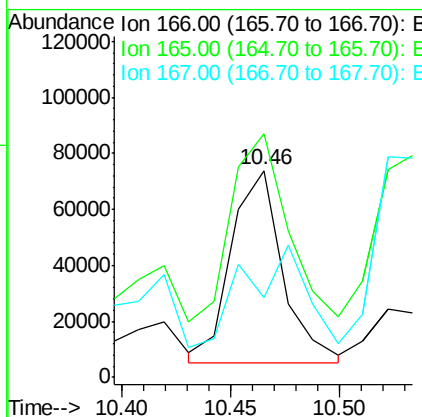
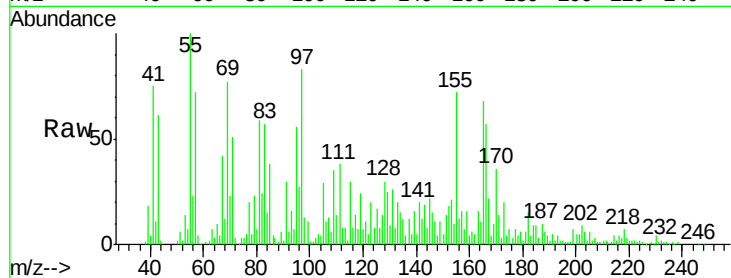
Tgt Ion:166 Resp: 113205

Ion Ratio Lower Upper

166 100

165 117.9 79.1 118.7

167 38.4 10.4 15.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.38 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Tgt Ion:232 Resp: 7055

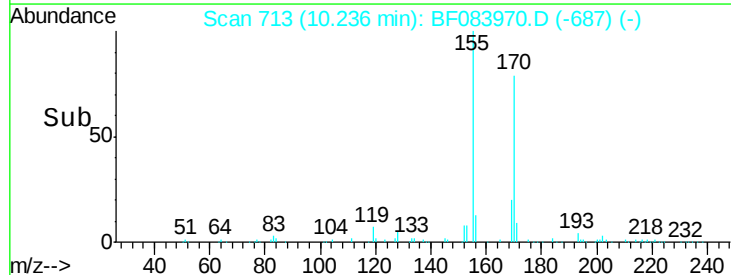
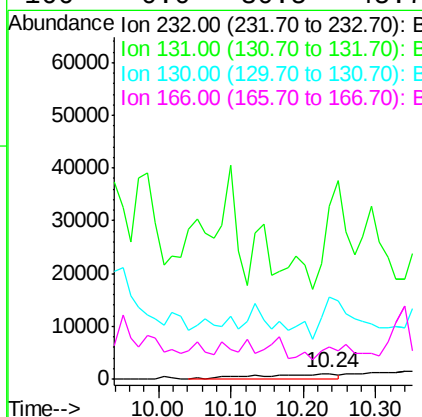
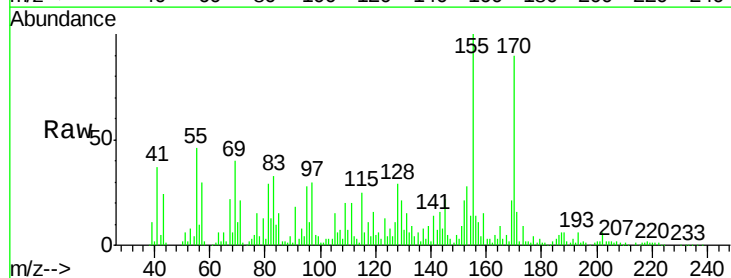
Ion Ratio Lower Upper

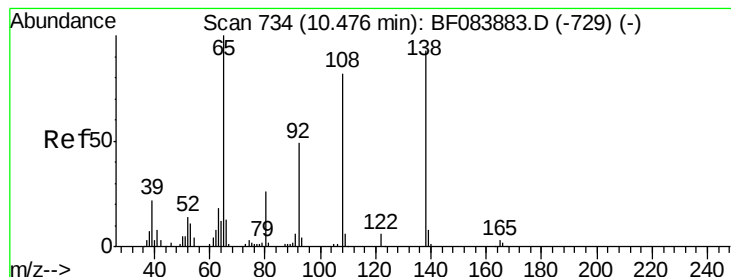
232 100

131 0.0 47.0 70.6#

130 366.5 2.0 3.0#

166 0.0 30.5 45.7#





#61

4-Nitroaniline

Concen: 5.45 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.09 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

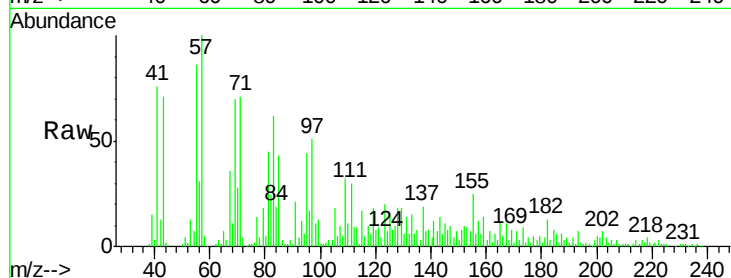
Tgt Ion:138 Resp: 11487

Ion Ratio Lower Upper

138 100

92 50.3 32.6 72.6

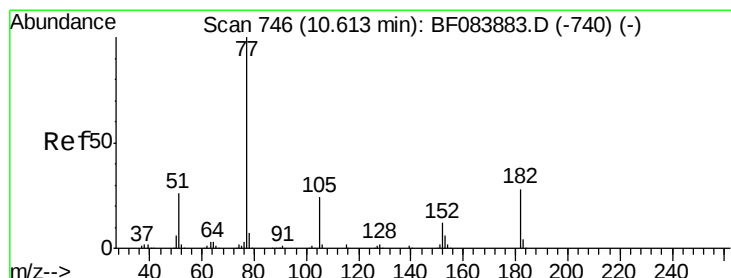
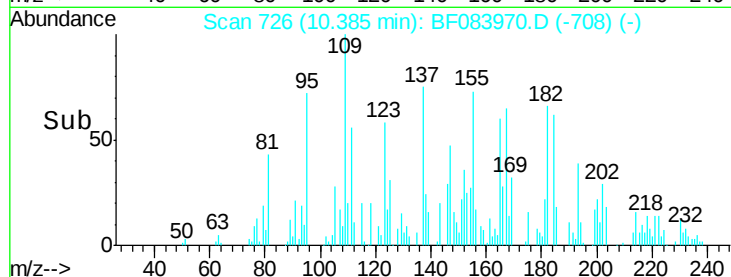
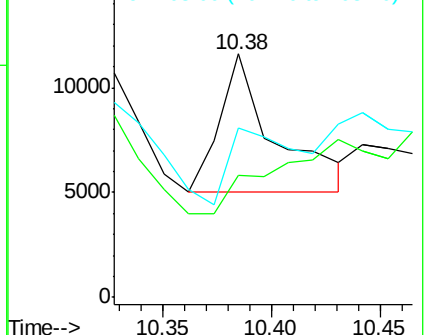
108 69.8 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 2.14 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Tgt Ion: 77 Resp: 16424

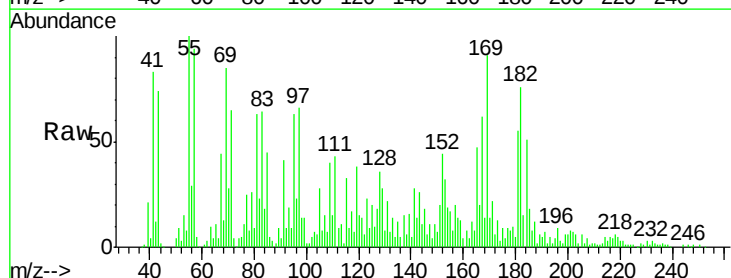
Ion Ratio Lower Upper

77 100

182 302.3 8.3 48.3#

105 110.0 4.6 44.6#

51 34.8 6.2 46.2

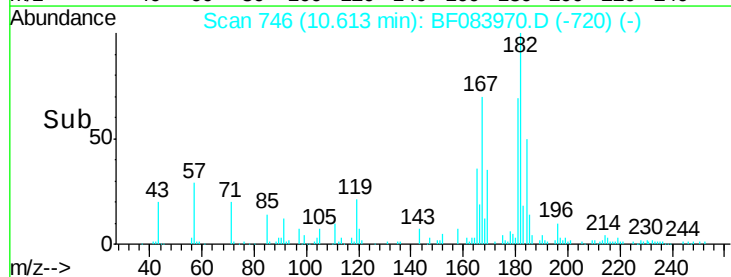
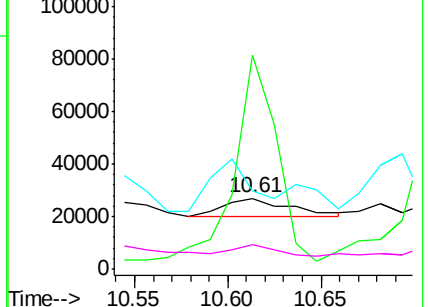


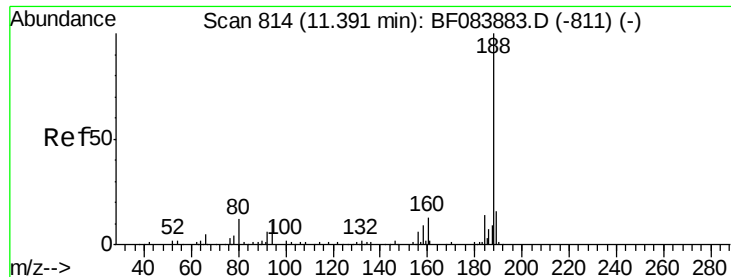
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

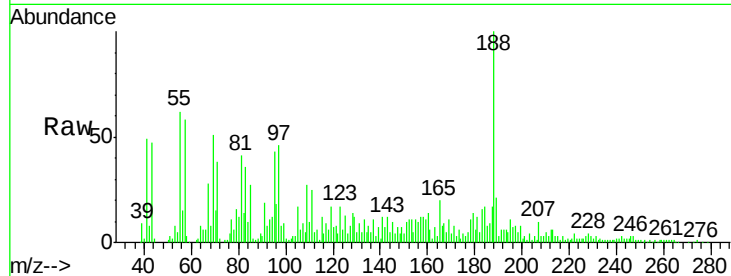




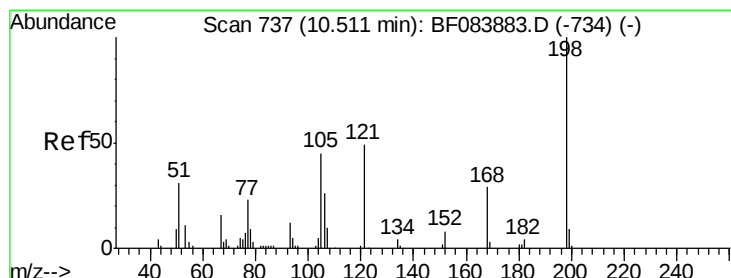
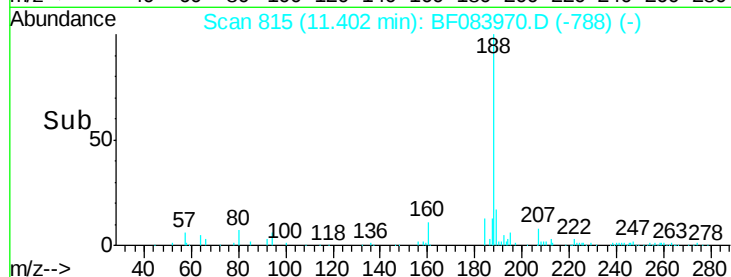
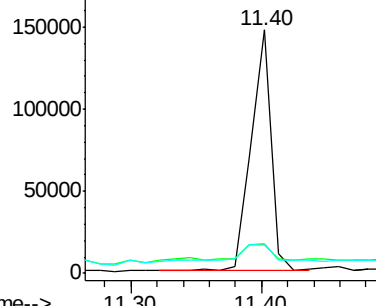
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

Tgt Ion:188 Resp: 159135
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.4
80 12.4 9.6 14.4

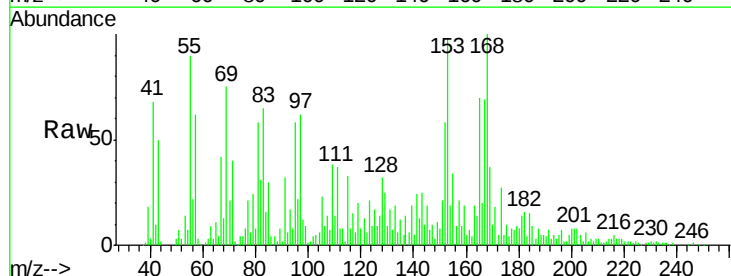


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

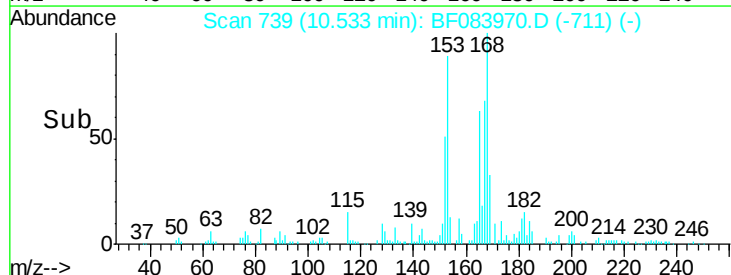
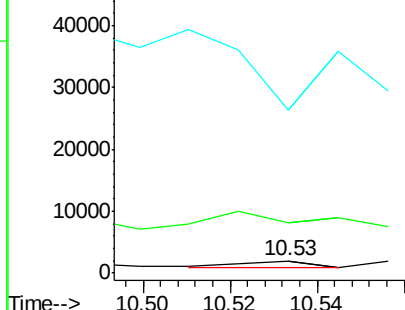


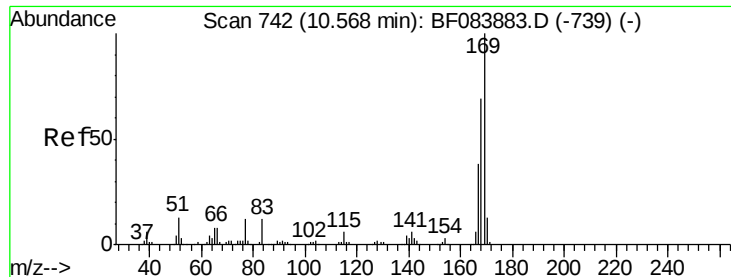
#64
4,6-Dinitro-2-methylphenol
Concen: 4.88 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.02 min
Lab File: BF083970.D
Acq: 19 Dec 2015 22:30

Tgt Ion:198 Resp: 1012
Ion Ratio Lower Upper
198 100
51 416.7 18.9 58.9#
105 1342.2 26.4 66.4#



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: 38.13 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

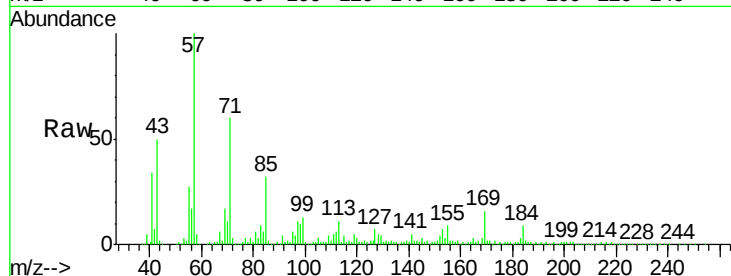
Tgt Ion:169 Resp: 220778

Ion Ratio Lower Upper

169 100

168 21.1 55.1 82.7#

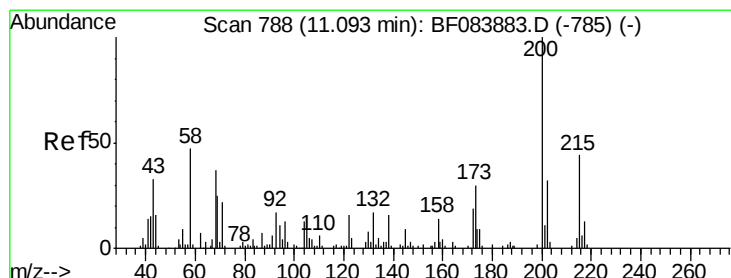
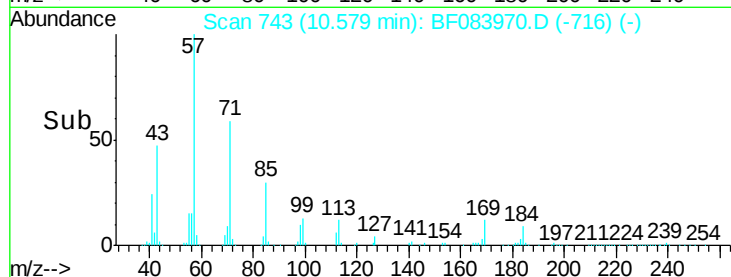
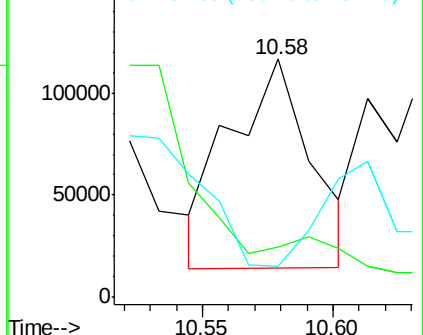
167 13.2 30.0 45.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 10.42 ng

RT: 11.13 min Scan# 791

Delta R.T. 0.03 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

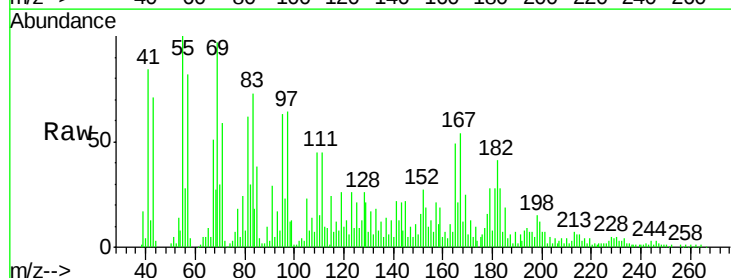
Tgt Ion:200 Resp: 19114

Ion Ratio Lower Upper

200 100

173 133.7 9.5 49.5#

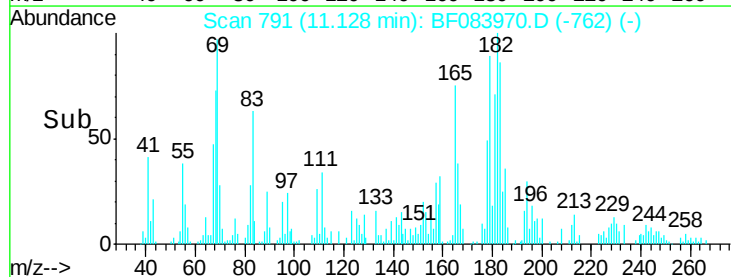
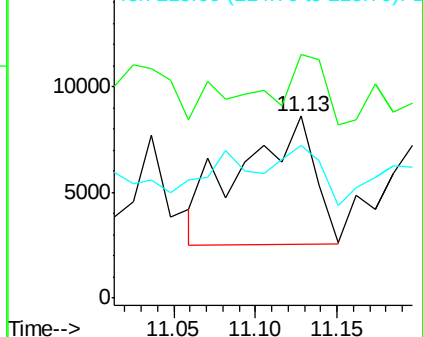
215 84.1 23.8 63.8#

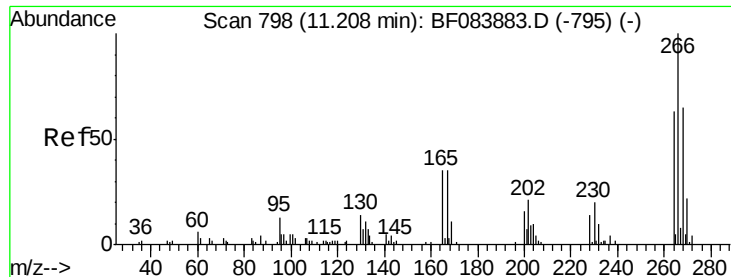


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

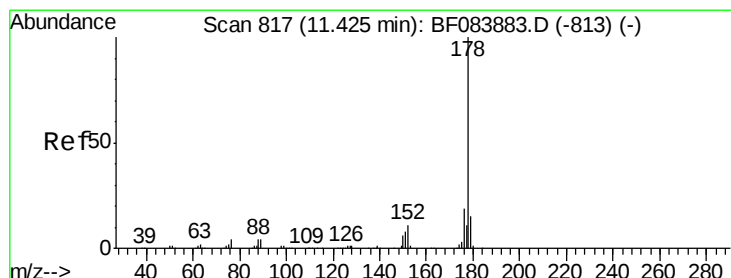
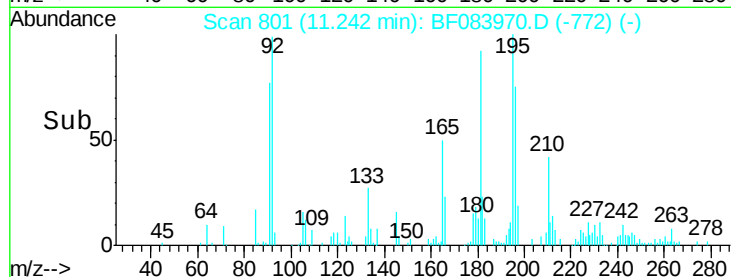
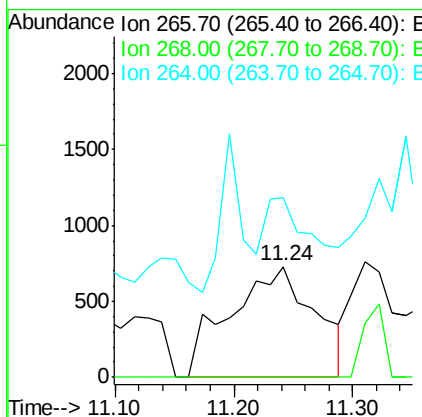
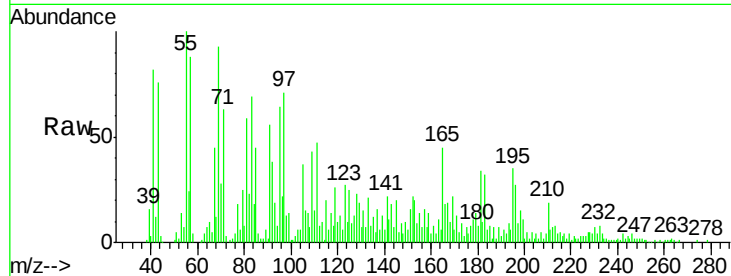




#69
 Pentachlorophenol
 Concen: 8.63 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.03 min
 Lab File: BF083970.D
 Acq: 19 Dec 2015 22:30

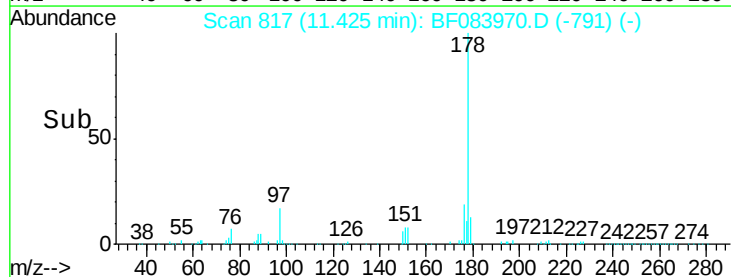
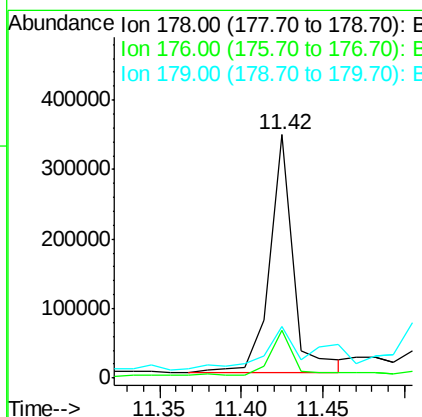
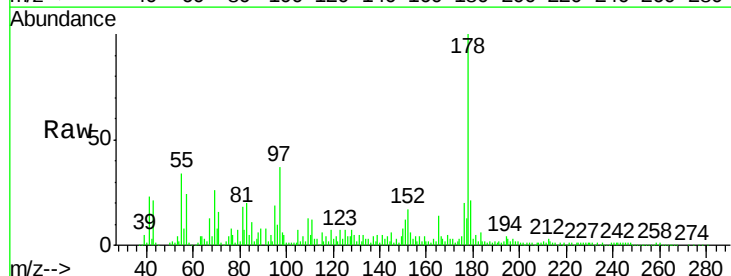
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK2

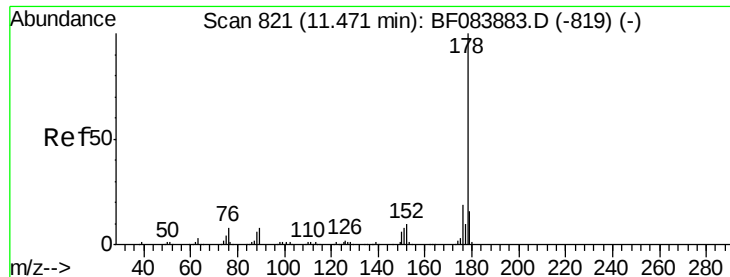
Tgt Ion: 266 Resp: 3614
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.4 78.6#
 264 162.2 50.2 75.2#



#70
 Phenanthrene
 Concen: 36.19 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF083970.D
 Acq: 19 Dec 2015 22:30

Tgt Ion: 178 Resp: 347906
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.3 22.9
 179 21.4 12.0 18.0#

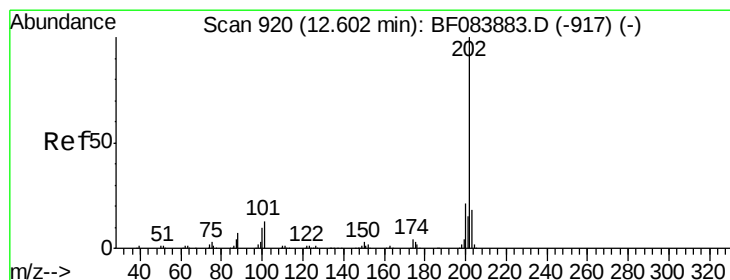
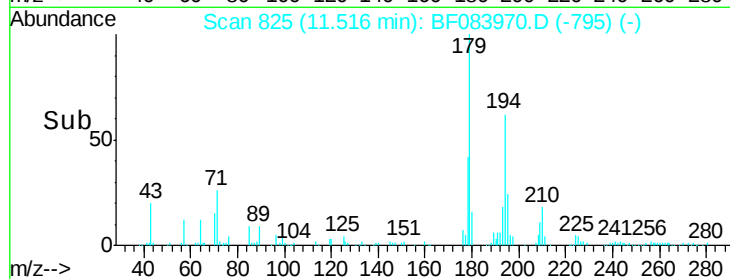
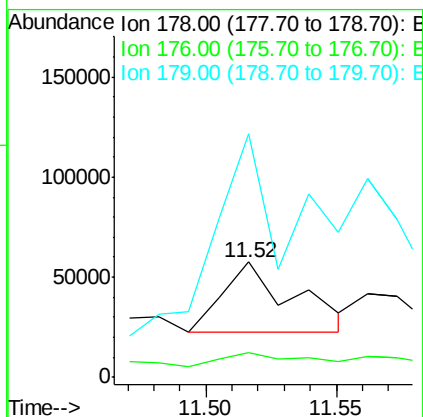
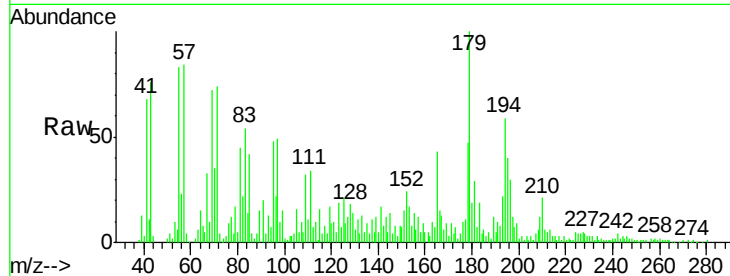




#71
 Anthracene
 Concen: 7.24 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.05 min
 Lab File: BF083970.D
 Acq: 19 Dec 2015 22:30

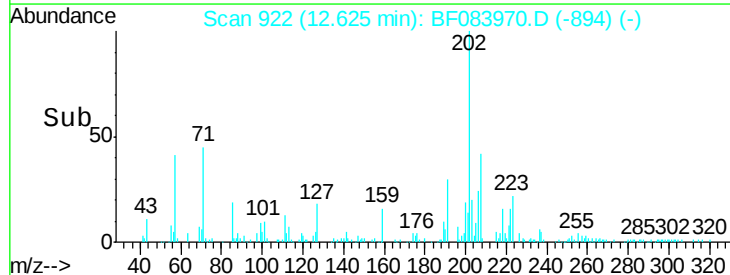
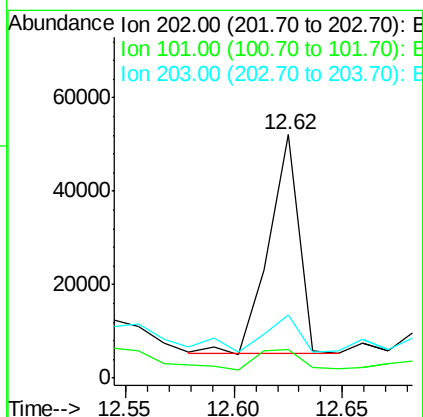
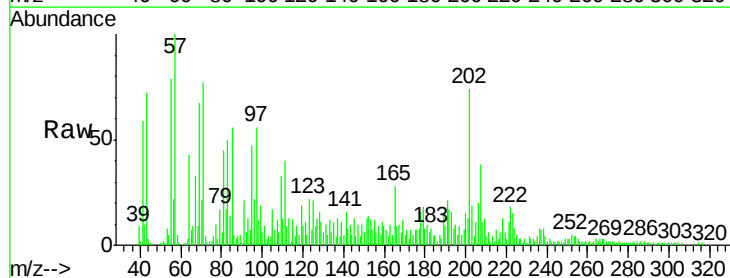
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK2

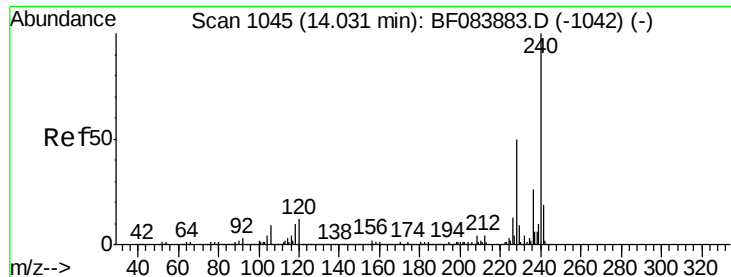
Tgt Ion:178 Resp: 67324
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.4 23.0
 179 211.0 12.5 18.7#



#74
 Fluoranthene
 Concen: 4.71 ng
 RT: 12.62 min Scan# 922
 Delta R.T. 0.02 min
 Lab File: BF083970.D
 Acq: 19 Dec 2015 22:30

Tgt Ion:202 Resp: 45183
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 32.8
 203 26.0 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

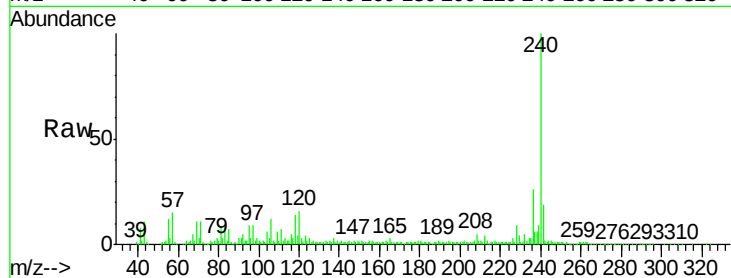
Tgt Ion:240 Resp: 141326

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

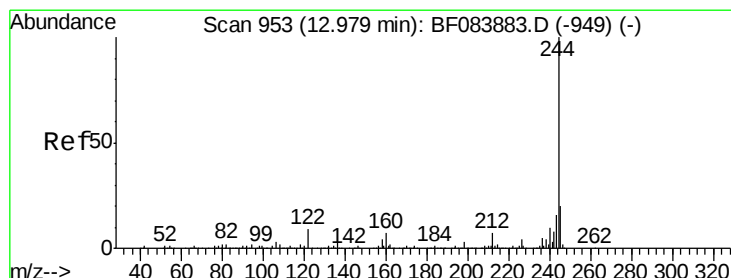
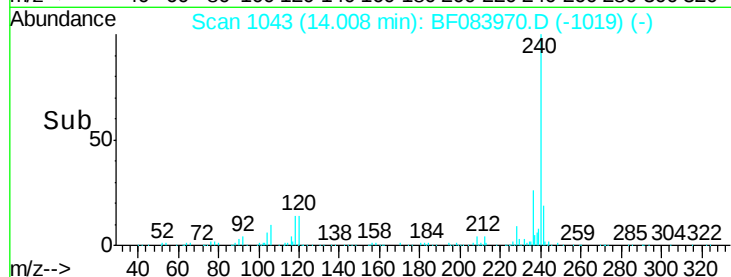
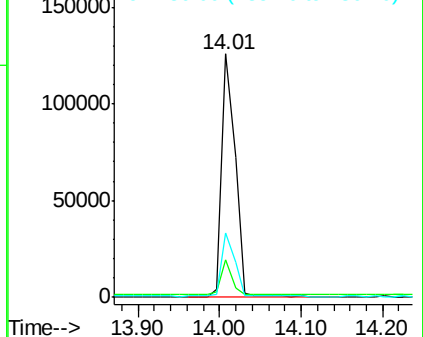
236 26.3 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 54.08 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

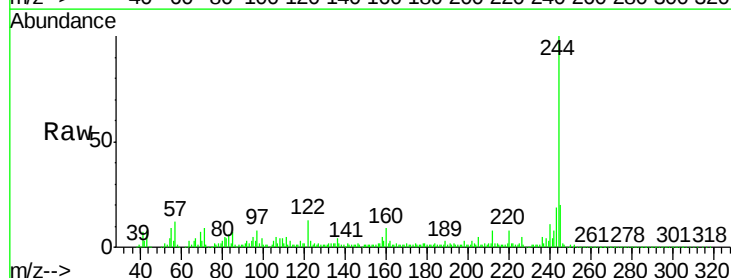
Tgt Ion:244 Resp: 340682

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

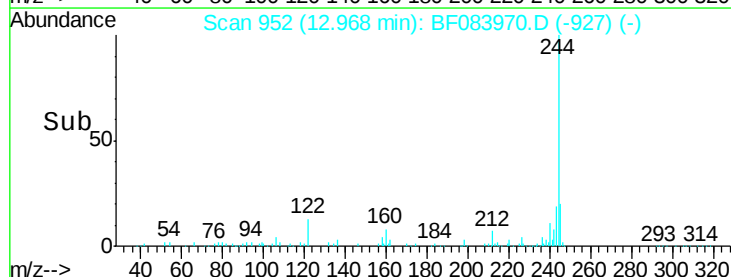
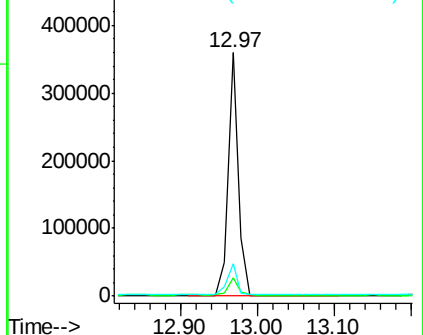
122 13.5 7.4 11.0#

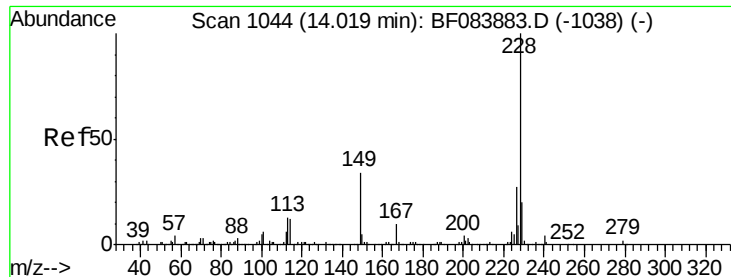


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.39 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

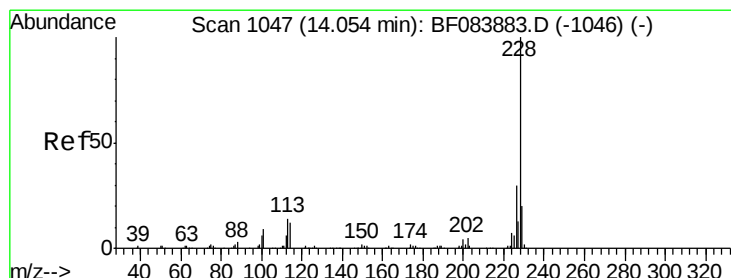
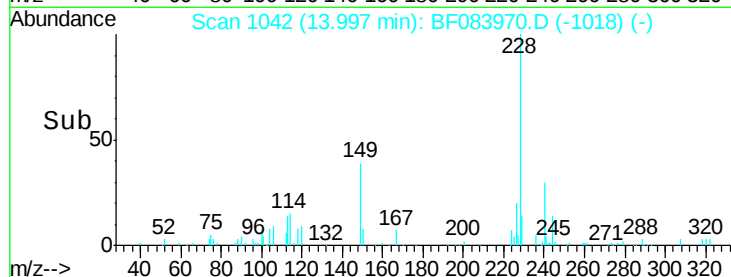
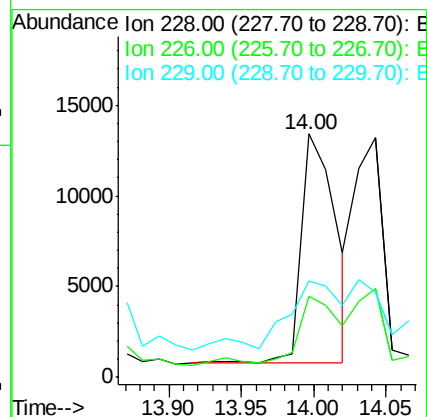
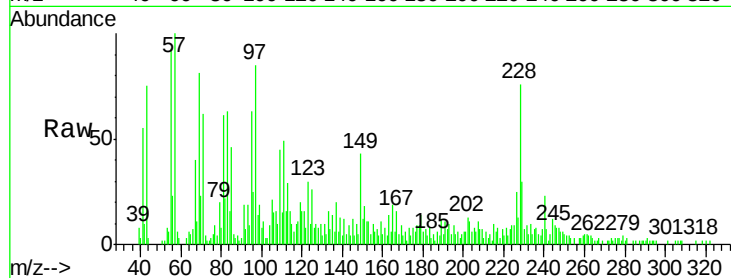
Tgt Ion:228 Resp: 20796

Ion Ratio Lower Upper

228 100

226 33.1 21.8 32.6#

229 39.4 15.8 23.8#



#82

Chrysene

Concen: 2.48 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

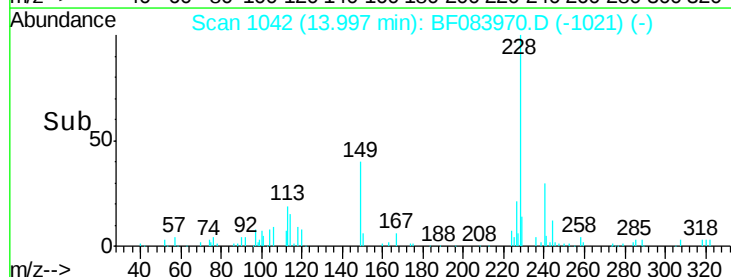
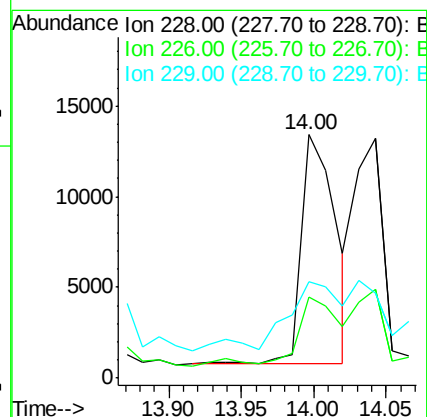
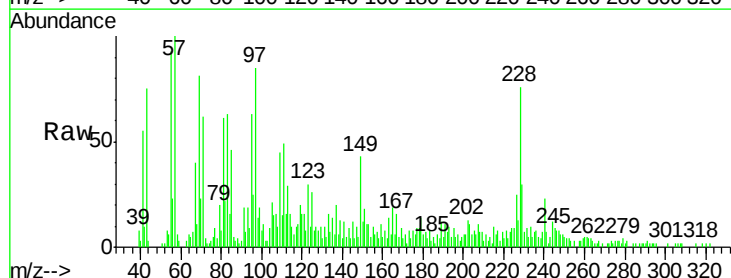
Tgt Ion:228 Resp: 20796

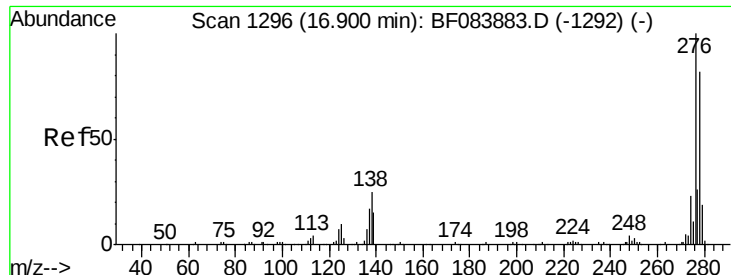
Ion Ratio Lower Upper

228 100

226 33.1 24.3 36.5

229 39.4 16.1 24.1#

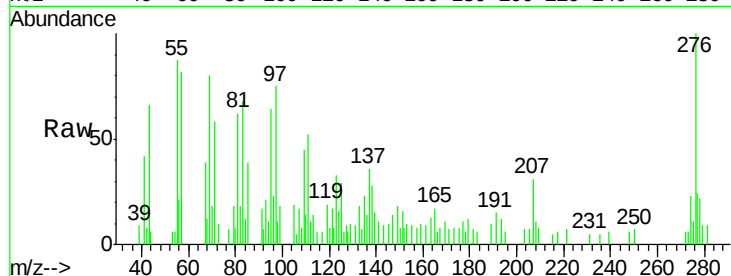




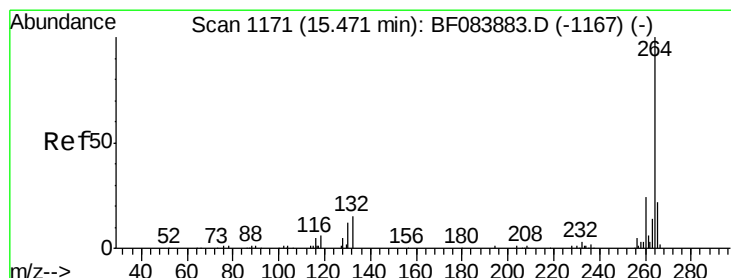
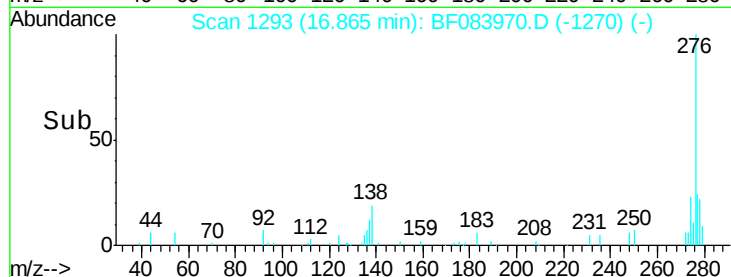
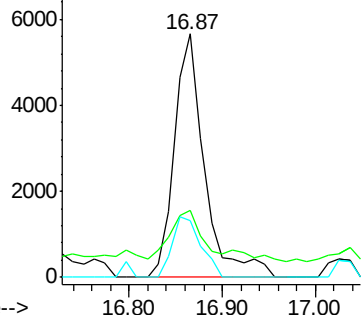
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.03 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.03 min
 Lab File: BF083970.D
 Acq: 19 Dec 2015 22:30

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK2

Tgt Ion: 276 Resp: 12738
 Ion Ratio Lower Upper
 276 100
 138 19.6 20.6 30.8#
 277 23.6 20.1 30.1

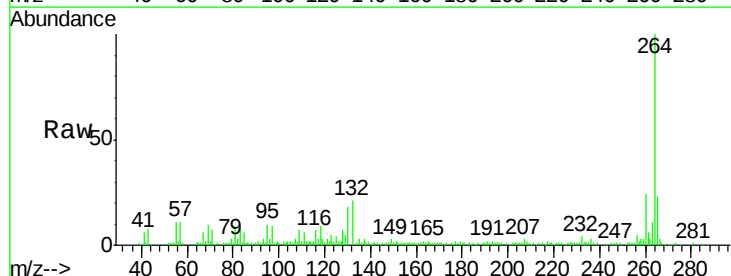


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

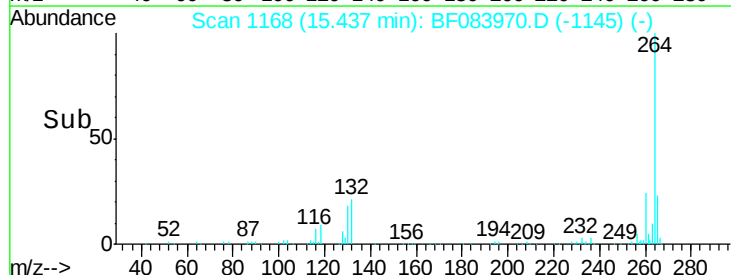
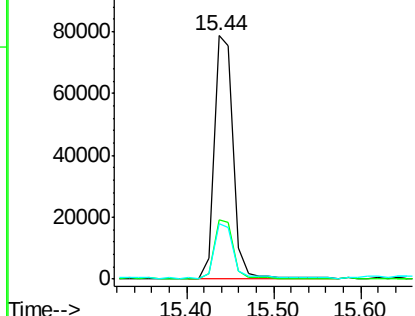


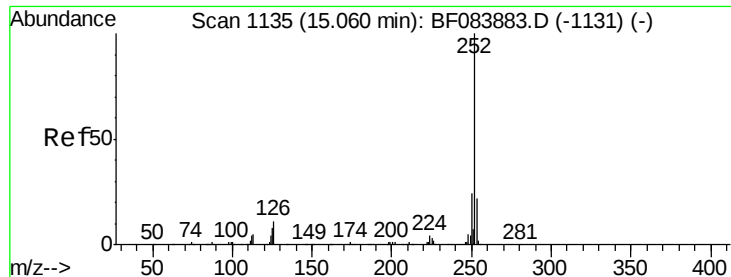
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083970.D
 Acq: 19 Dec 2015 22:30

Tgt Ion: 264 Resp: 121745
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 23.0 17.8 26.6



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: 3.86 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.02 min

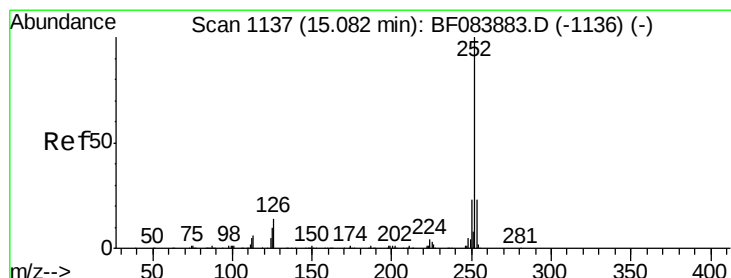
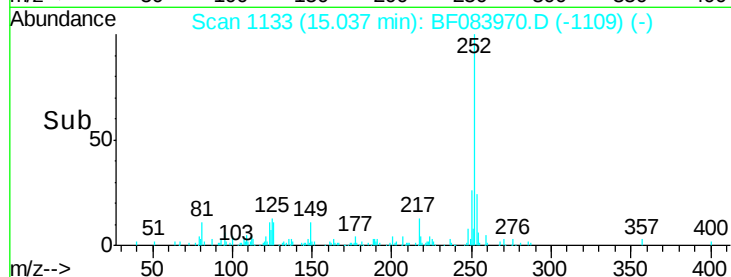
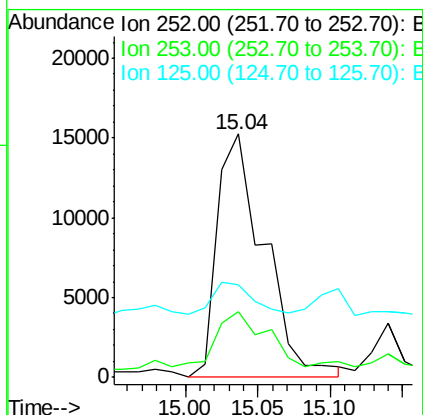
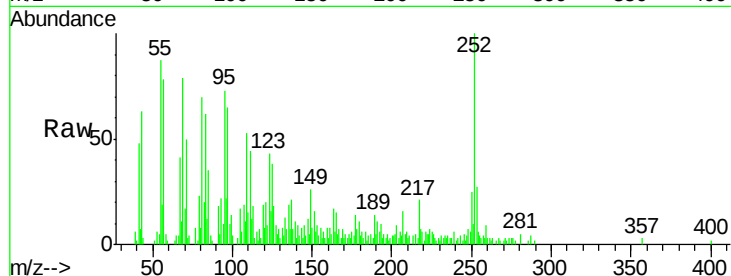
Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2

Tgt Ion:252 Resp: 34282

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.3	25.9#
125	37.9	6.5	9.7#



#88

Benzo(k)fluoranthene

Concen: 4.68 ng

RT: 15.04 min Scan# 1133

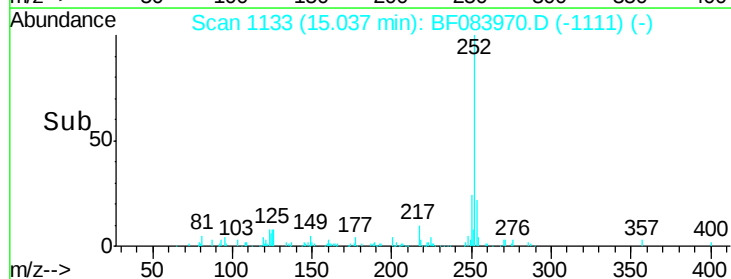
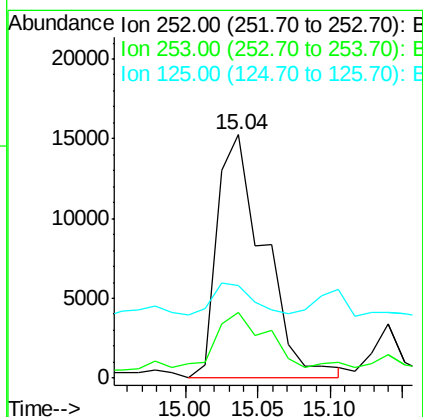
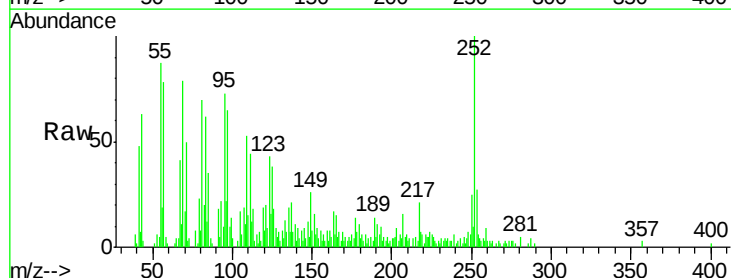
Delta R.T. -0.05 min

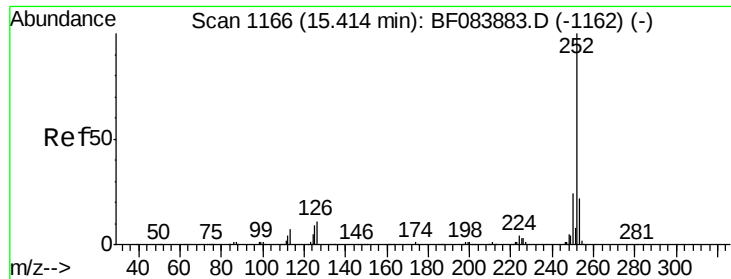
Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Tgt Ion:252 Resp: 34282

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.1	27.1
125	37.9	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.31 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK2

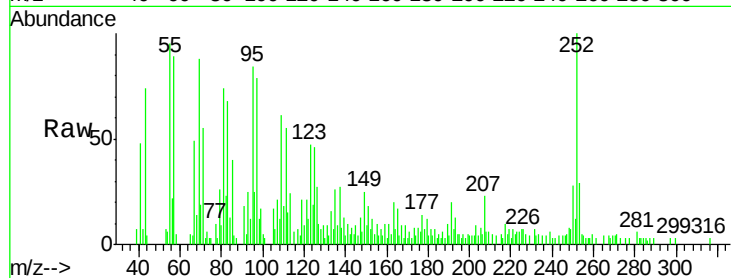
Tgt Ion:252 Resp: 16906

Ion Ratio Lower Upper

252 100

253 28.7 17.3 25.9#

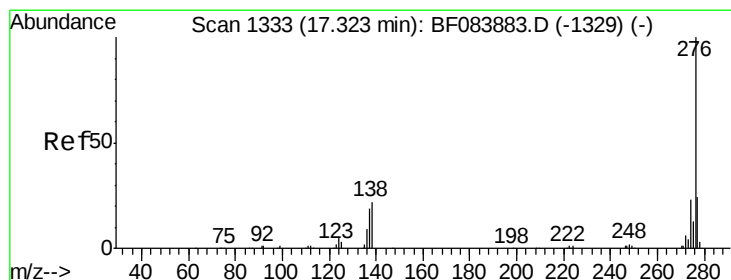
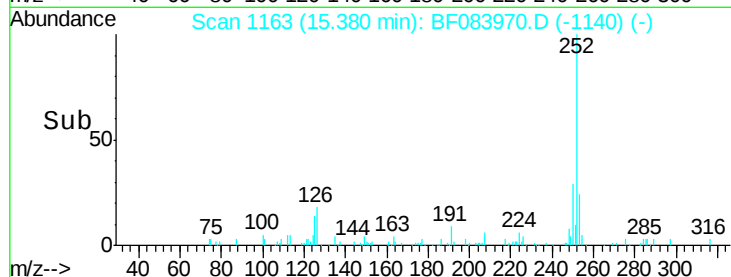
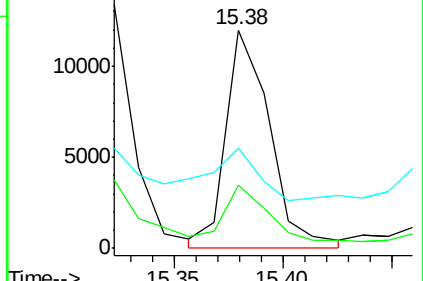
125 46.0 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.31 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF083970.D

Acq: 19 Dec 2015 22:30

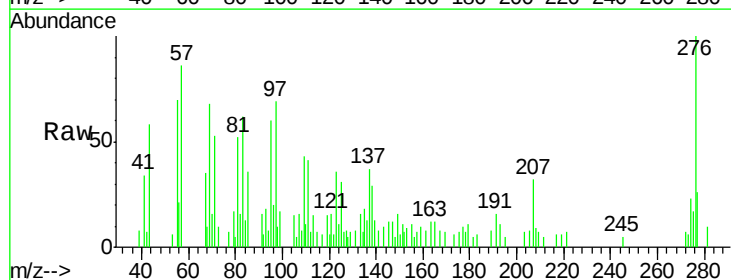
Tgt Ion:276 Resp: 12934

Ion Ratio Lower Upper

276 100

277 25.6 18.8 28.2

138 28.6 17.8 26.6#



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

