

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082033.D
 Acq On : 3 Oct 2015 20:56
 Operator : UM/IZ
 Sample : G3867-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

Quant Time: Oct 05 01:43:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	71293	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	233234	20.00	ng	-0.03
38) Acenaphthene-d10	9.95	164	110807	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	203834	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	245930	20.00	ng	-0.05
86) Perylene-d12	15.53	264	213605	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	572948	145.89	ng	-0.04
7) Phenol-d6	6.51	99	744167	150.59	ng	-0.05
23) Nitrobenzene-d5	7.45	82	426400	121.87	ng	-0.05
41) 2,4,6-Tribromophenol	10.75	330	164332	146.44	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	680016	108.41	ng	-0.03
78) Terphenyl-d14	13.04	244	801788	117.29	ng	-0.01

Target Compounds

						Qvalue
15) Benzyl Alcohol	7.04	79	13898	3.90	ng	# 29
18) Hexachloroethane	7.46	117	282598	168.75	ng	# 19
19) n-Nitroso-di-n-propylamine	7.31	70	27687	9.22	ng	# 49
22) Acetophenone	7.21	105	81113	17.01	ng	# 70
24) Nitrobenzene	7.46	77	14757	3.88	ng	# 24
25) Isophorone	7.70	82	91945	13.26	ng	# 1
26) 2-Nitrophenol	7.79	139	7835	4.30	ng	# 1
27) 2,4-Dimethylphenol	7.83	122	14292	4.45	ng	# 1
28) bis(2-Chloroethoxy)methane	7.92	93	12984	3.15	ng	# 1
29) 2,4-Dichlorophenol	8.01	162	11846	3.81	ng	# 1
31) Naphthalene	8.23	128	63683	6.16	ng	# 1
32) Benzoic acid	7.97	122	10301	11.89	ng	# 4
33) 4-Chloroaniline	8.23	127	21230	4.75	ng	# 1
35) Caprolactam	8.62	113	119557	138.82	ng	# 25
36) 4-Chloro-3-methylphenol	8.71	107	23024	7.57	ng	# 33
37) 2-Methylnaphthalene	8.91	142	1451537	205.76	ng	# 87
42) 2,4,6-Trichlorophenol	9.19	196	8074	3.46	ng	# 13
43) 2,4,5-Trichlorophenol	9.19	196	8074	3.37	ng	# 1
46) 2-Chloronaphthalene	9.44	162	15625	2.33	ng	# 1
47) 2-Nitroaniline	9.55	65	12898	6.55	ng	# 29
48) Acenaphthylene	9.82	152	55581	5.17	ng	# 1
49) Dimethylphthalate	9.67	163	165746	21.67	ng	# 84
50) 2,6-Dinitrotoluene	9.73	165	10613	6.39	ng	# 37
51) Acenaphthene	9.99	154	134959	21.15	ng	# 67
52) 3-Nitroaniline	9.91	138	7552	3.93	ng	# 66
54) Dibenzofuran	10.16	168	58383	6.48	ng	# 1
55) 4-Nitrophenol	10.07	139	106304	76.58	ng	# 50
56) 2,4-Dinitrotoluene	10.17	165	41558	19.63	ng	# 62
57) Fluorene	10.51	166	291062	45.15	ng	# 83
59) Diethylphthalate	10.41	149	18795	2.63	ng	# 6
62) Azobenzene	10.66	77	52435	7.52	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.61	198	6993	10.03	ng	# 1
65) n-Nitrosodiphenylamine	10.63	169	518469	84.07	ng	# 58
68) Atrazine	11.18	200	12219	6.39	ng	# 1

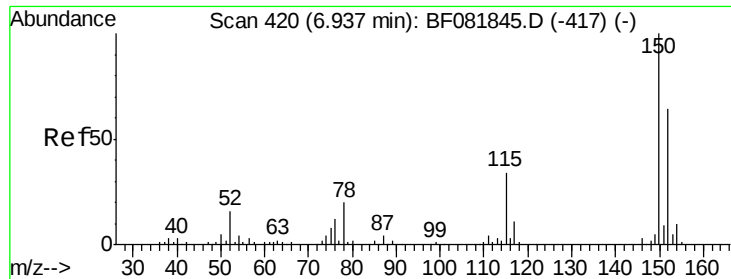
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	11.49	178	743367	76.97	ng	# 92
71) Anthracene	11.57	178	119294	11.51	ng	# 1
73) Di-n-butylphthalate	12.01	149	8298	Below Cal	#	12
74) Fluoranthene	12.67	202	126666	11.60	ng	85
77) Pyrene	12.89	202	142212	9.68	ng	# 89
80) Benzo(a)anthracene	14.07	228	58334	4.40	ng	# 90
82) Chrysene	14.07	228	58361	4.24	ng	# 92
83) Bis(2-ethylhexyl)phthalate	14.06	149	31570	4.55	ng	93
87) Benzo(b)fluoranthene	15.11	252	30732	2.52	ng	# 94
88) Benzo(k)fluoranthene	15.11	252	30732	2.75	ng	94

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

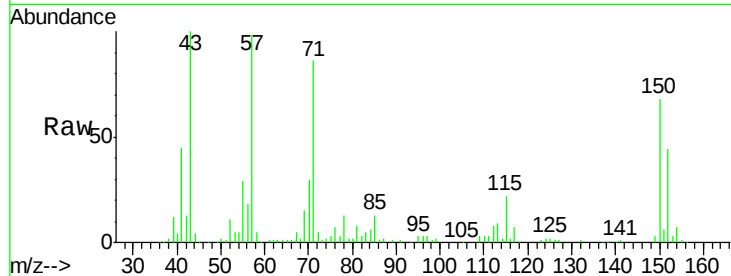


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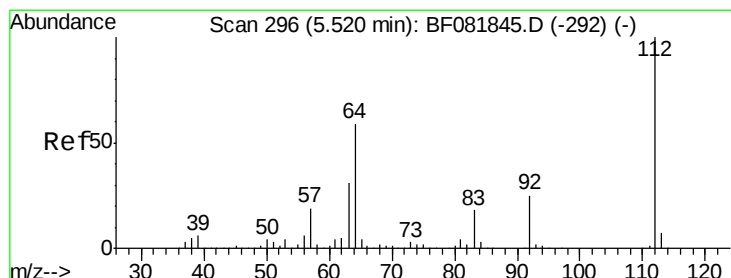
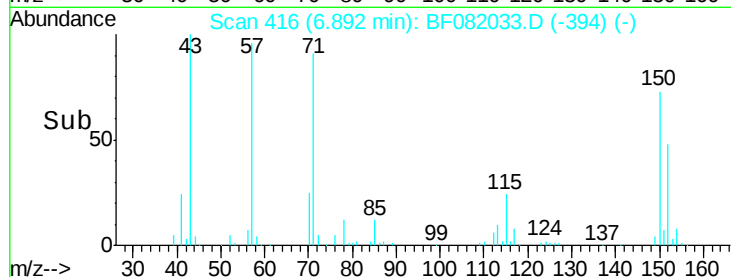
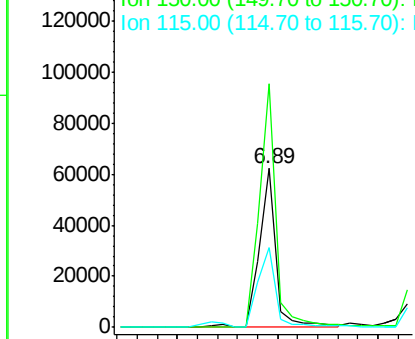
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

Tgt Ion:152 Resp: 71293
Ion Ratio Lower Upper
152 100
150 153.4 124.7 187.1
115 50.2 39.0 58.4



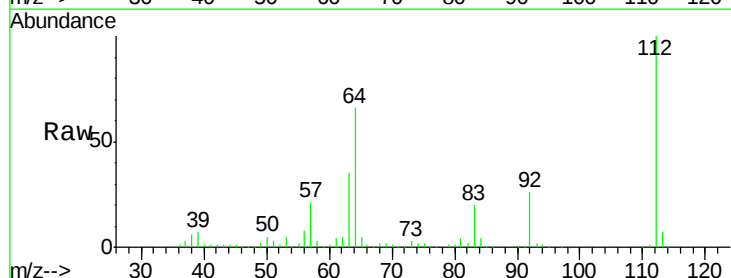
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



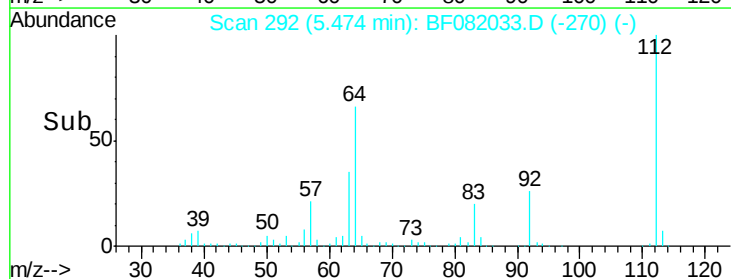
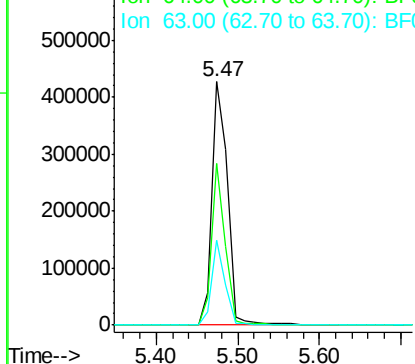
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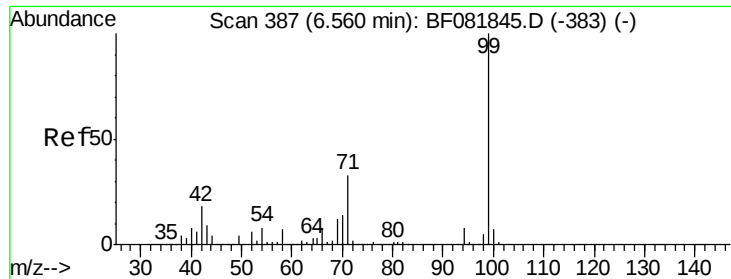
2-Fluorophenol
Concen: 145.89 ng
RT: 5.47 min Scan# 292
Delta R.T. -0.04 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:112 Resp: 572948
Ion Ratio Lower Upper
112 100
64 66.2 39.7 59.5#
63 34.9 17.4 26.0#



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: 150.59 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

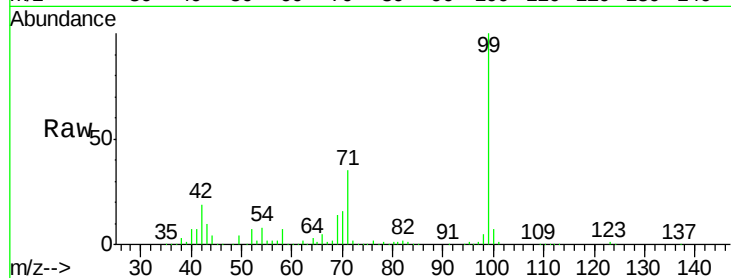
Tgt Ion: 99 Resp: 744167

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

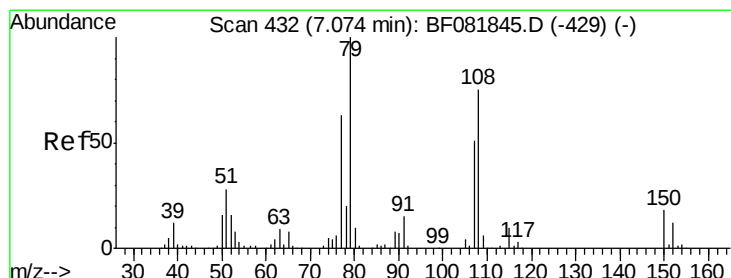
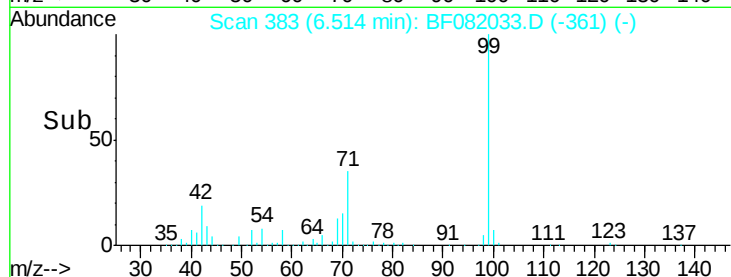
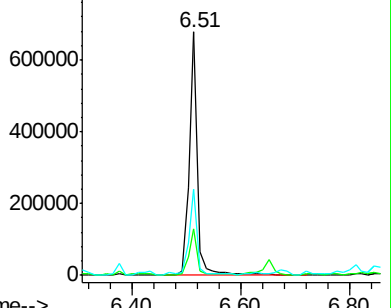
71 35.3 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 3.90 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

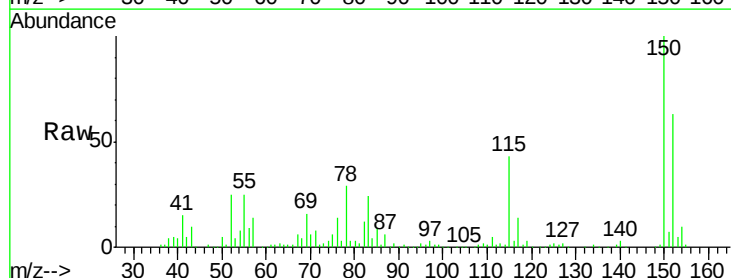
Tgt Ion: 79 Resp: 13898

Ion Ratio Lower Upper

79 100

108 23.9 88.6 132.8#

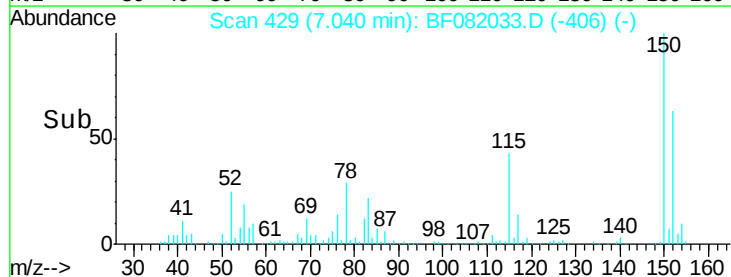
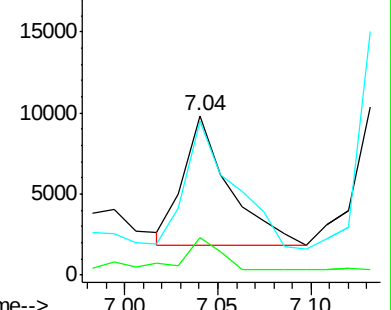
77 96.5 47.0 70.4#

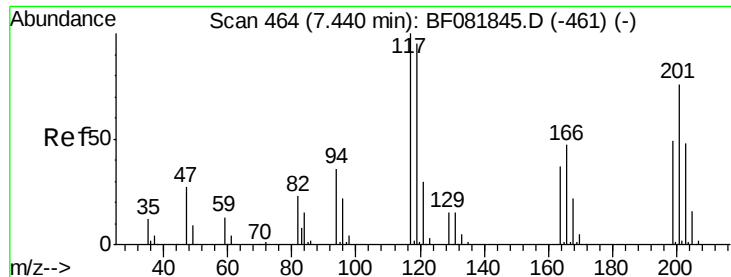


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

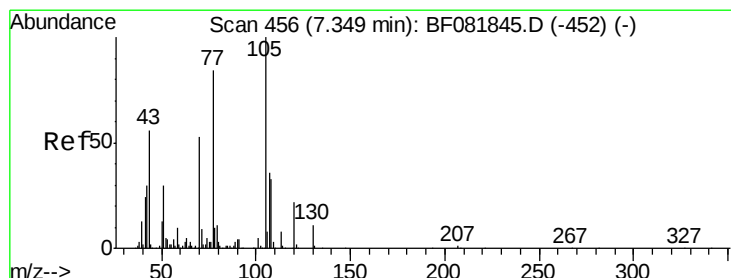
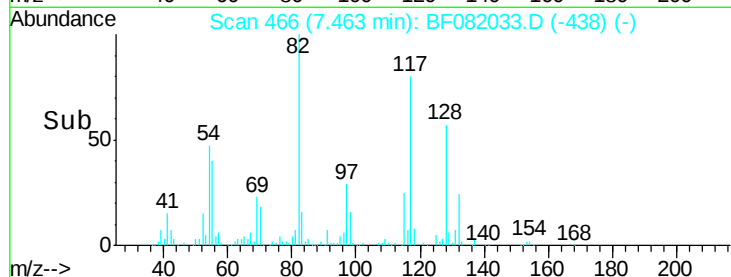
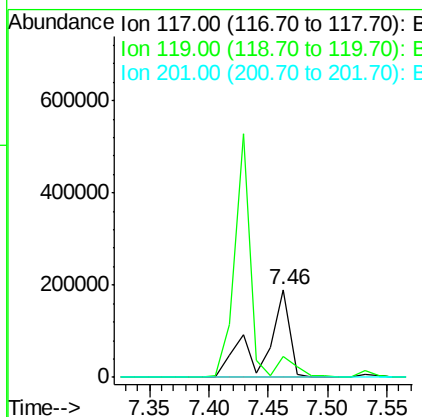
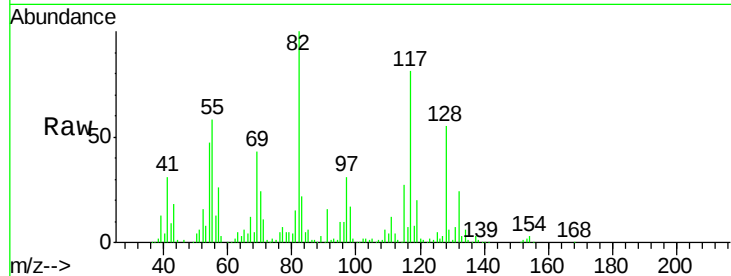




#18
Hexachloroethane
Concen: 168.75 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.02 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

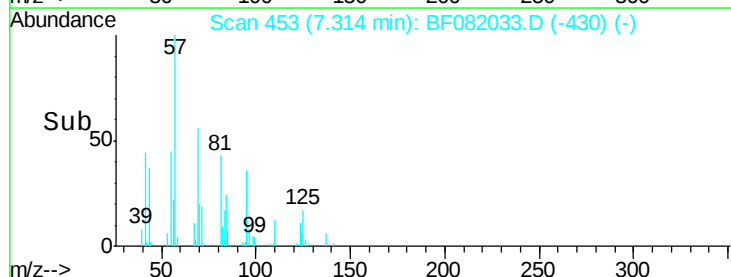
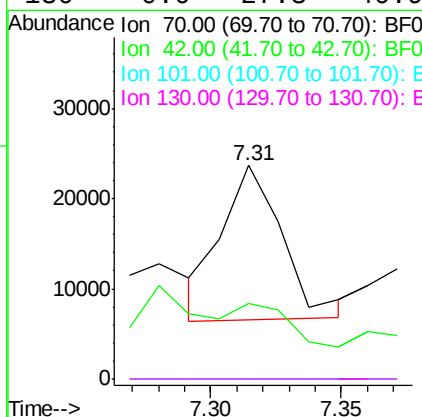
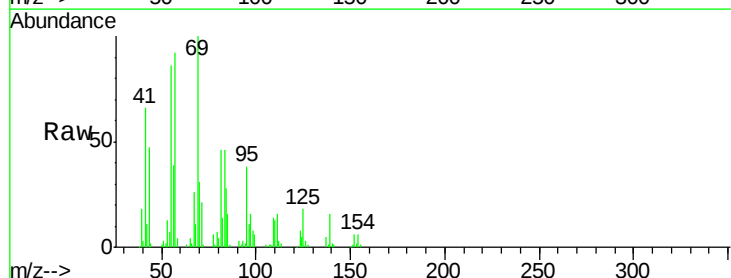
Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

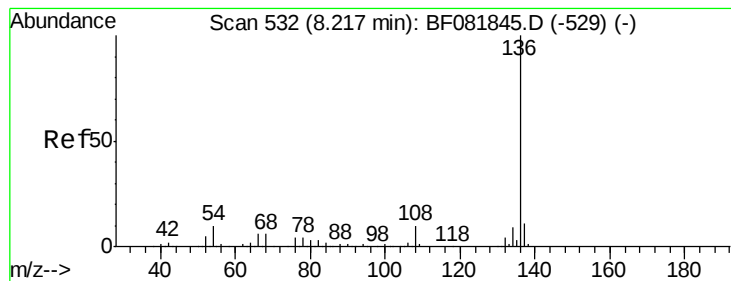
Tgt Ion: 117 Resp: 282598
Ion Ratio Lower Upper
117 100
119 24.3 83.8 125.6#
201 0.0 55.1 82.7#



#19
n-Nitroso-di-n-propylamine
Concen: 9.22 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion: 70 Resp: 27687
Ion Ratio Lower Upper
70 100
42 35.3 63.8 95.6#
101 0.0 9.2 13.8#
130 0.0 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

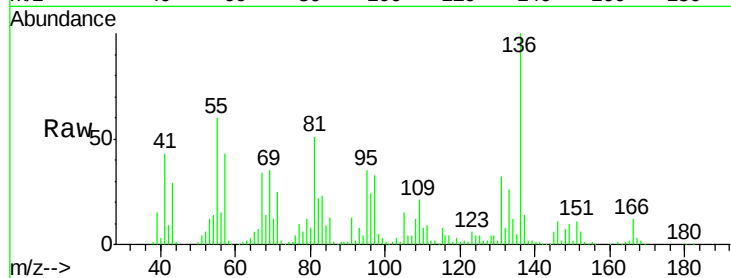
BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

Tgt Ion:136 Resp: 233234

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.0	13.6#
54	13.9	8.2	12.2#
68	13.6	5.8	8.6#

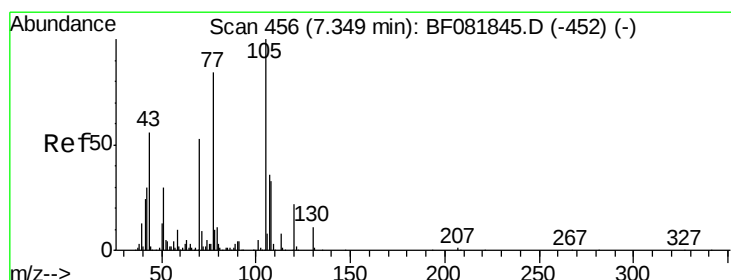
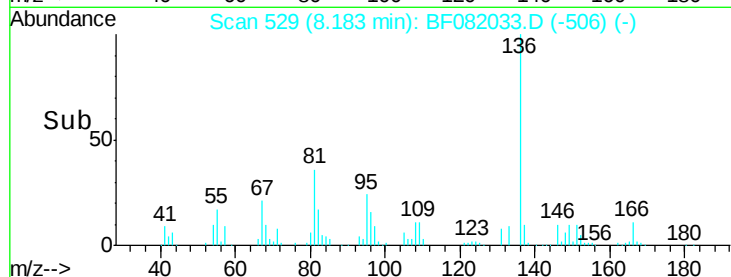
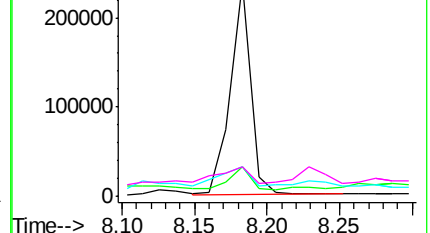


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 17.01 ng

RT: 7.21 min Scan# 444

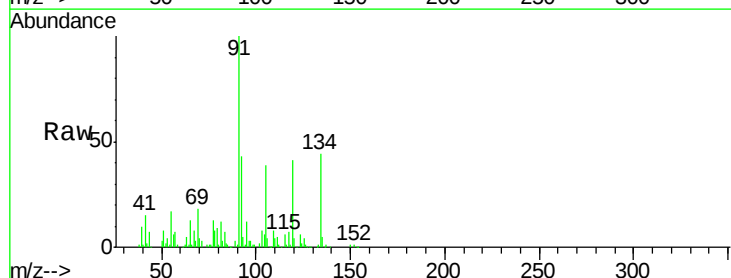
Delta R.T. -0.14 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Tgt Ion:105 Resp: 81113

Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.7	7.1
51	20.3	22.0	33.0#
120	10.4	30.1	45.1#

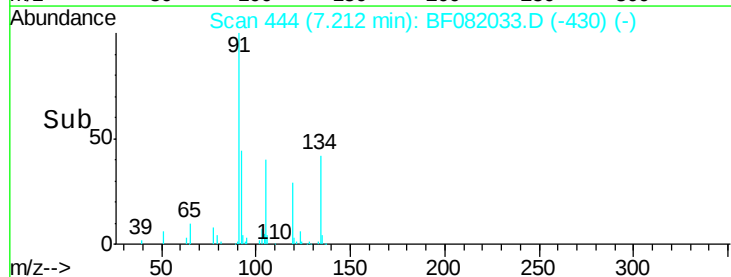
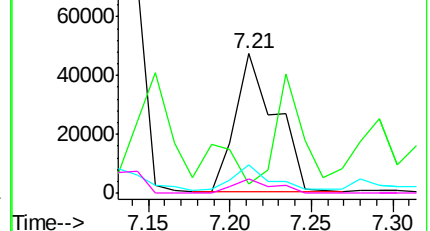


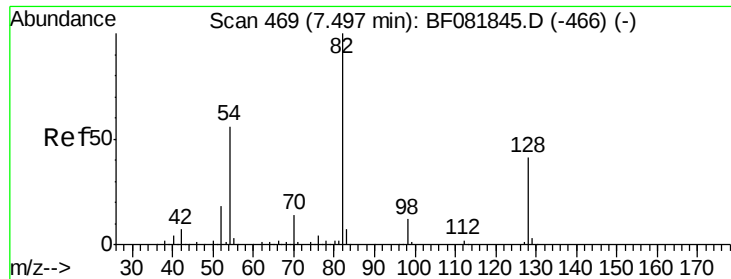
Abundance Ion 105.00 (104.70 to 105.70): E

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

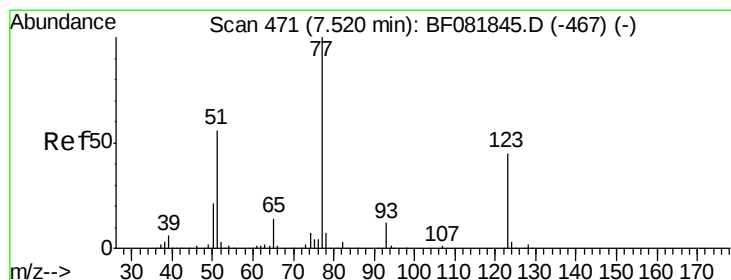
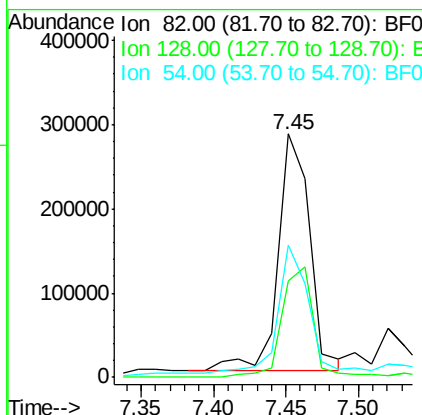
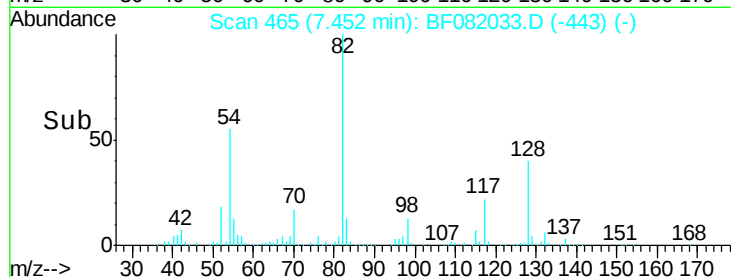
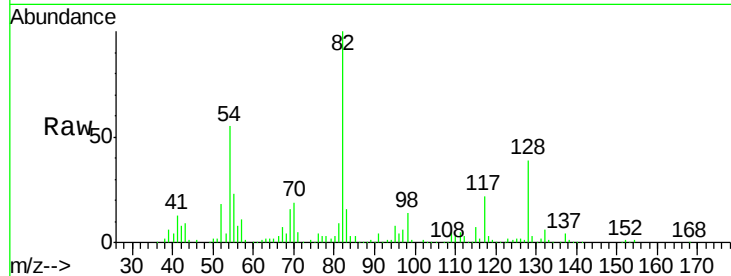




#23
 Nitrobenzene-d5
 Concen: 121.87 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

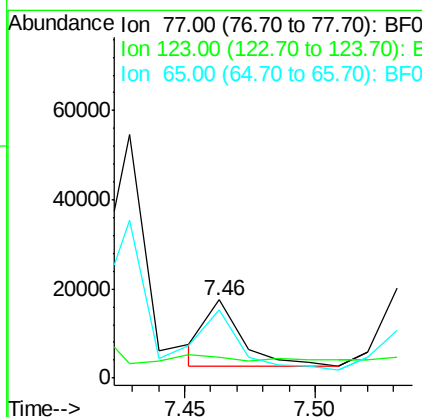
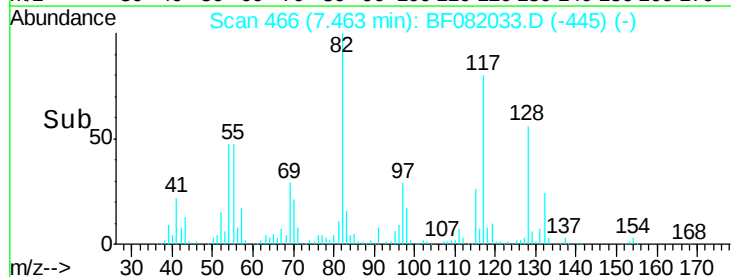
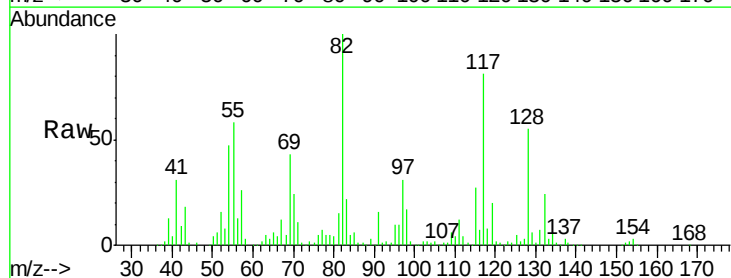
Instrument :
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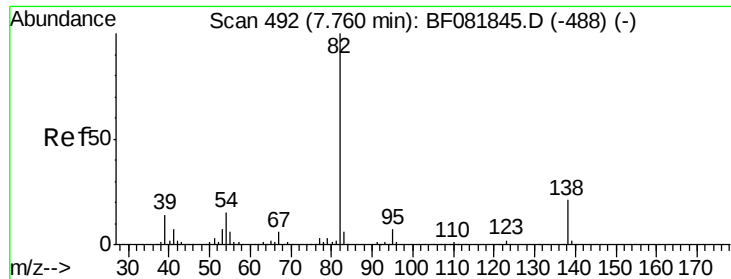
Tgt Ion: 82 Resp: 426400
 Ion Ratio Lower Upper
 82 100
 128 39.4 51.0 76.6#
 54 54.6 47.5 71.3



#24
 Nitrobenzene
 Concen: 3.88 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Tgt Ion: 77 Resp: 14757
 Ion Ratio Lower Upper
 77 100
 123 26.6 59.8 89.8#
 65 86.9 10.2 15.4#





#25

Isophorone

Concen: 13.26 ng

RT: 7.70 min Scan# 487

Delta R.T. -0.06 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

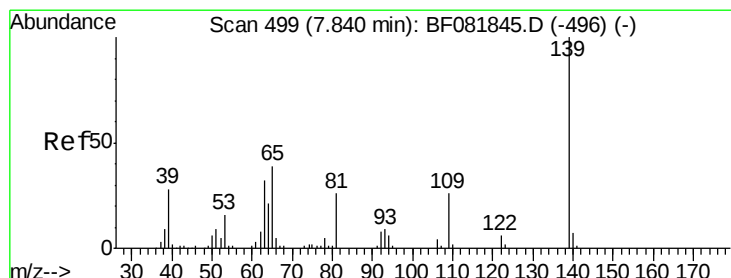
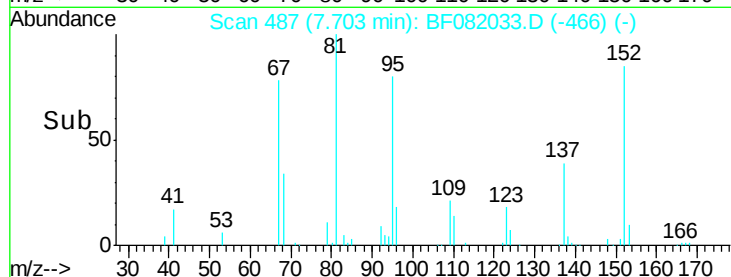
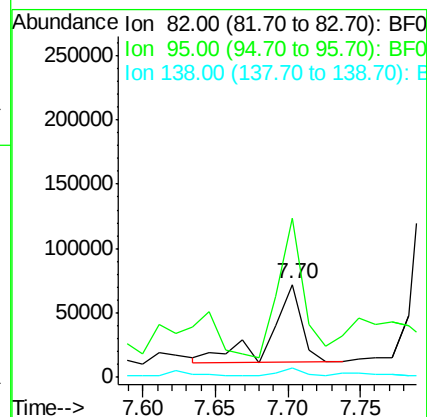
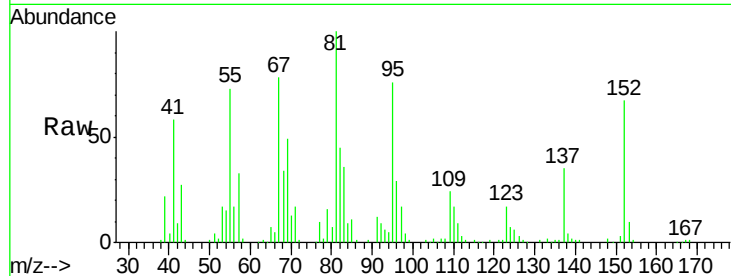
Tgt Ion: 82 Resp: 91945

Ion Ratio Lower Upper

82 100

95 170.5 4.0 6.0#

138 9.7 18.3 27.5#



#26

2-Nitrophenol

Concen: 4.30 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

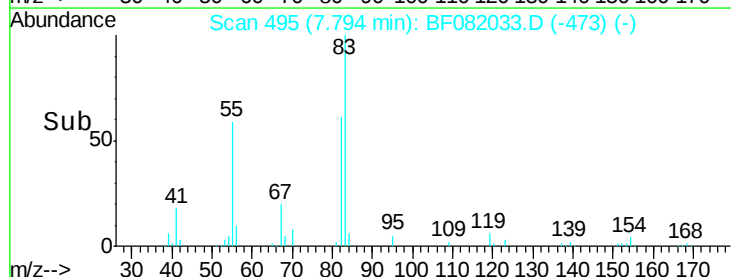
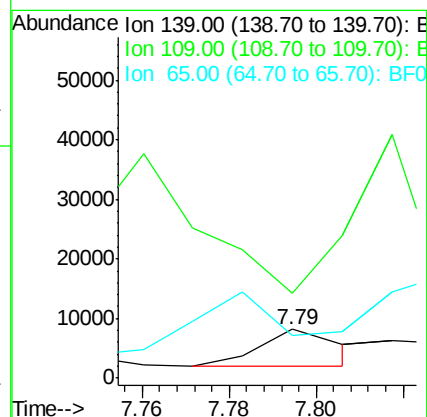
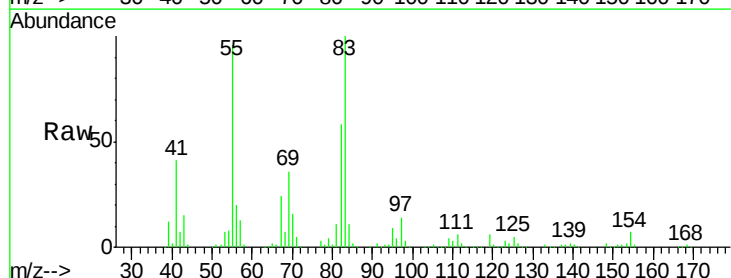
Tgt Ion: 139 Resp: 7835

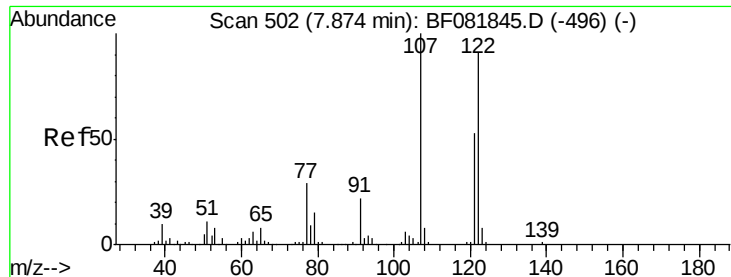
Ion Ratio Lower Upper

139 100

109 175.2 11.0 16.4#

65 87.8 24.7 37.1#

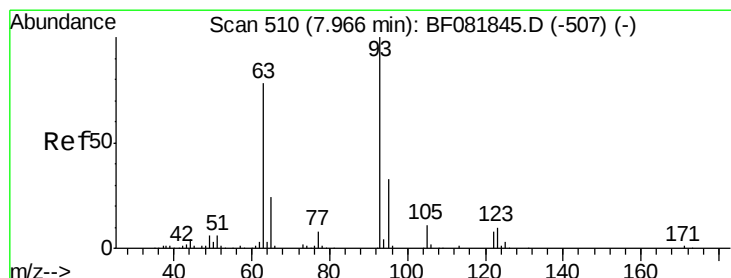
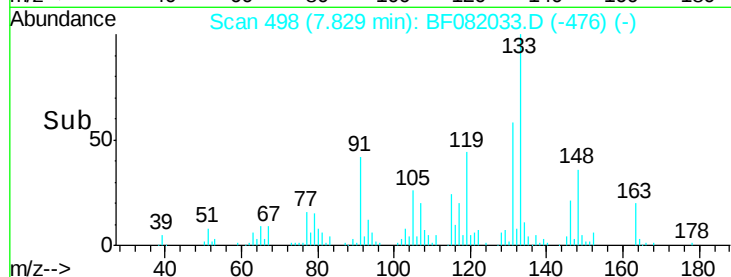
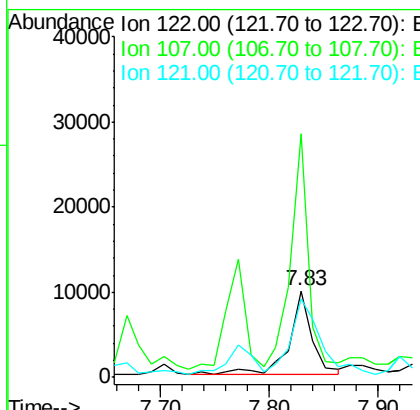
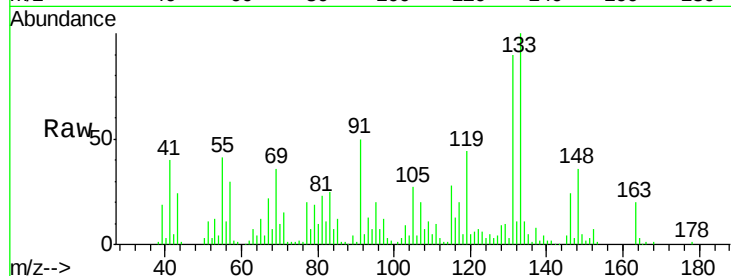




#27
 2,4-Dimethylphenol
 Concen: 4.45 ng
 RT: 7.83 min Scan# 498
 Delta R.T. -0.05 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

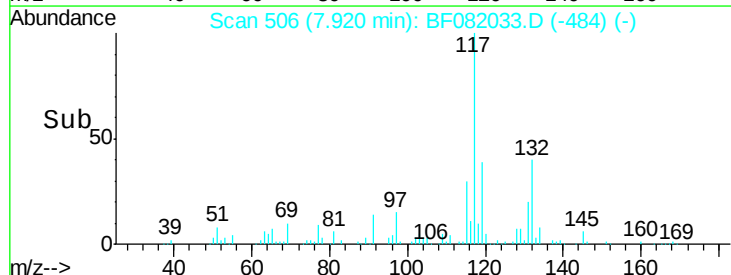
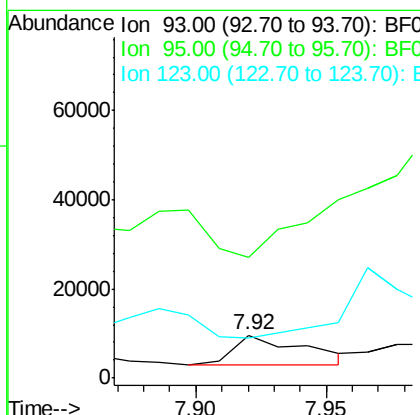
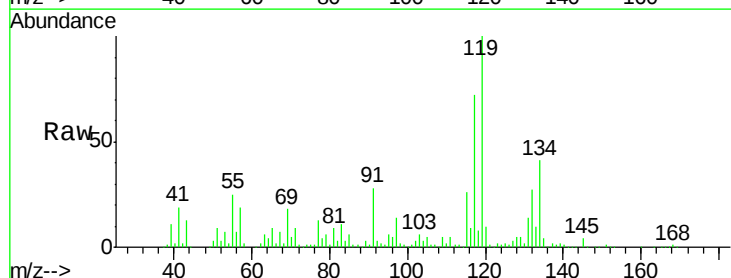
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

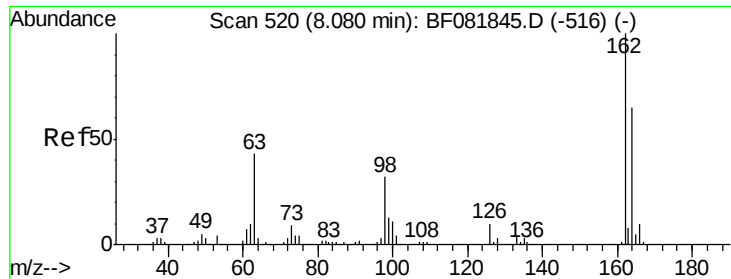
Tgt Ion:122 Resp: 14292
 Ion Ratio Lower Upper
 122 100
 107 281.3 71.8 107.6#
 121 90.3 42.3 63.5#



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.15 ng
 RT: 7.92 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Tgt Ion: 93 Resp: 12984
 Ion Ratio Lower Upper
 93 100
 95 280.4 27.5 41.3#
 123 92.8 13.7 20.5#

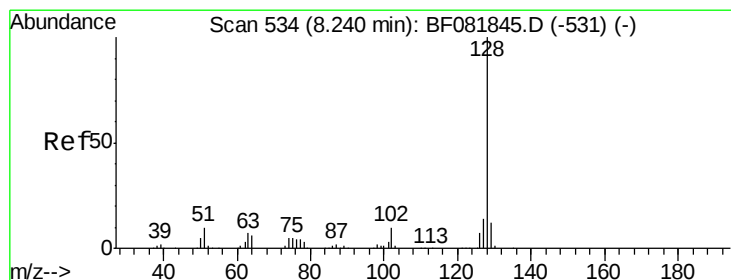
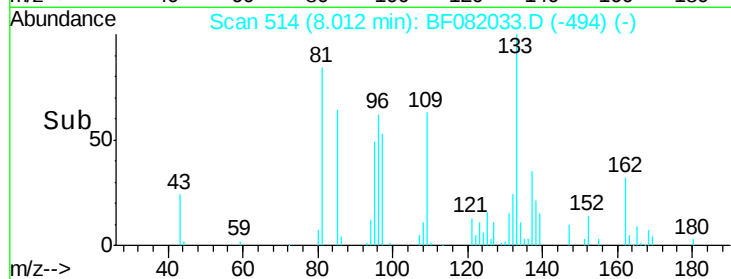
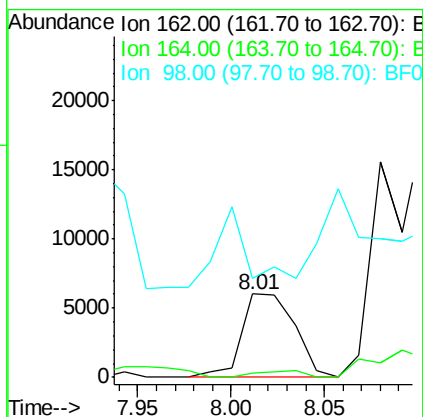
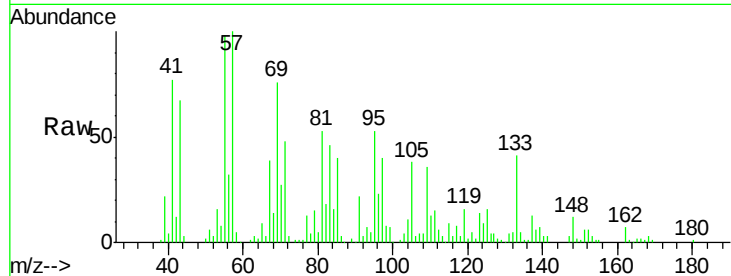




#29
2,4-Dichlorophenol
Concen: 3.81 ng
RT: 8.01 min Scan# 514
Delta R.T. -0.07 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

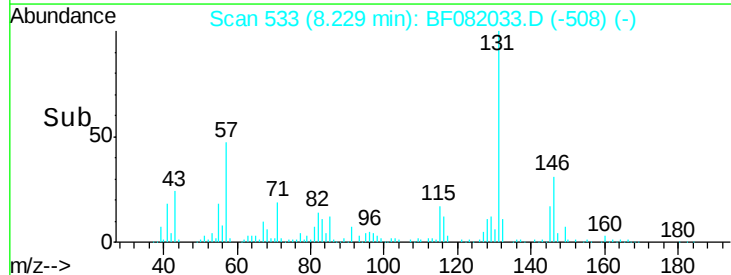
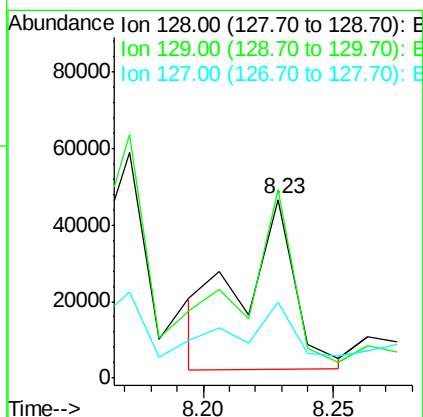
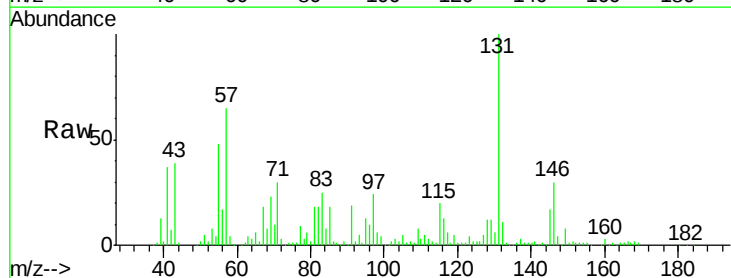
Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

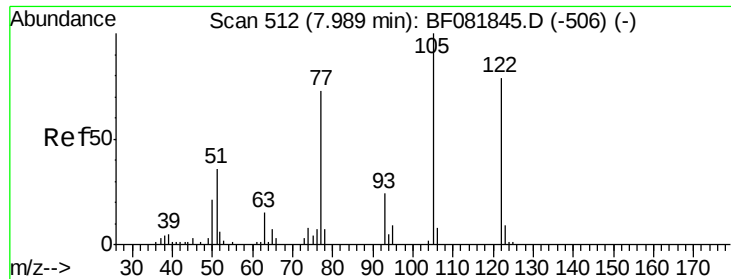
Tgt Ion:162 Resp: 11846
Ion Ratio Lower Upper
162 100
164 5.2 44.9 84.9#
98 119.3 13.0 53.0#



#31
Naphthalene
Concen: 6.16 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:128 Resp: 63683
Ion Ratio Lower Upper
128 100
129 105.2 8.4 12.6#
127 42.6 9.9 14.9#





#32

Benzoic acid

Concen: 11.89 ng

RT: 7.97 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

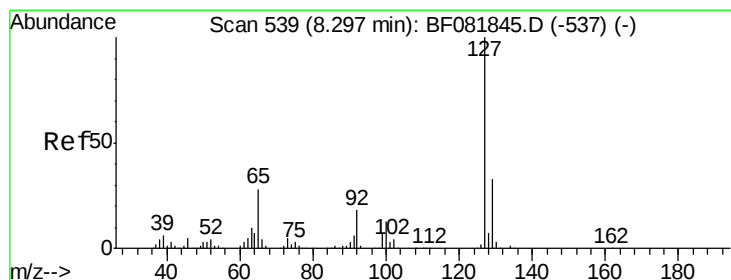
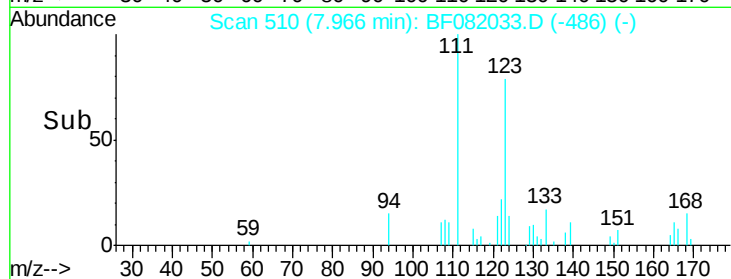
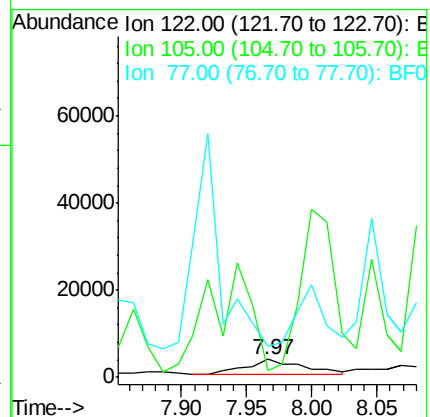
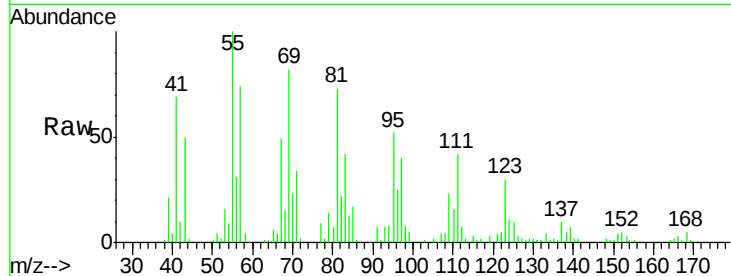
Tgt Ion:122 Resp: 10301

Ion Ratio Lower Upper

122 100

105 39.3 76.1 116.1#

77 178.2 40.5 80.5#



#33

4-Chloroaniline

Concen: 4.75 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.07 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Tgt Ion:127 Resp: 21230

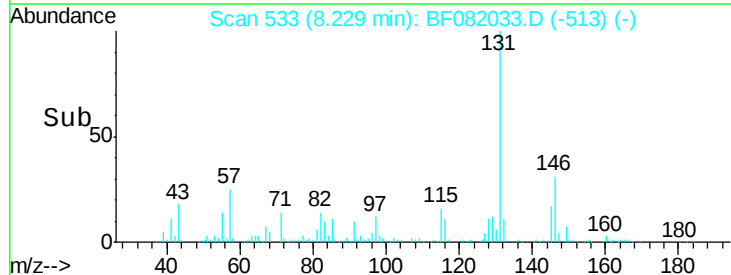
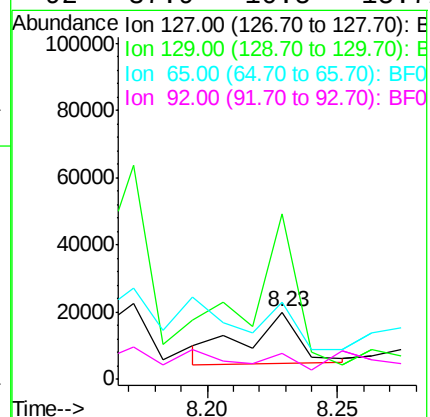
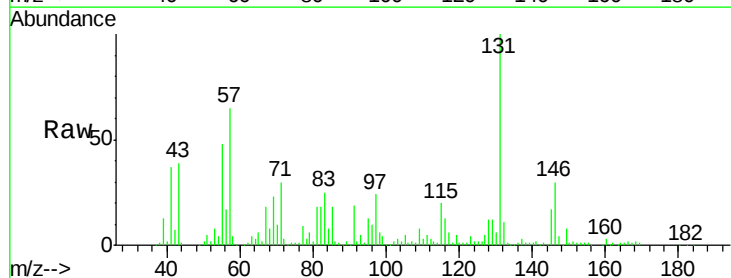
Ion Ratio Lower Upper

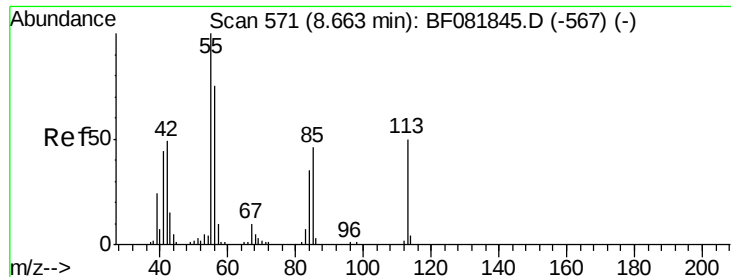
127 100

129 246.9 25.8 38.6#

65 114.9 17.9 26.9#

92 37.9 10.5 15.7#

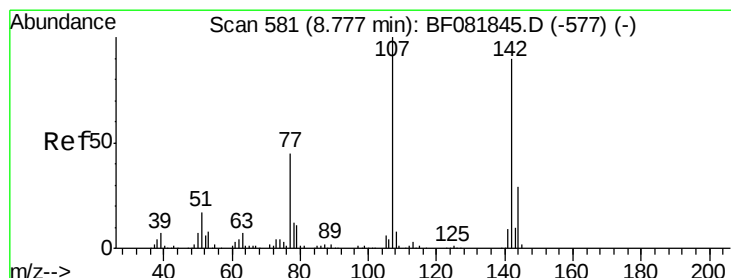
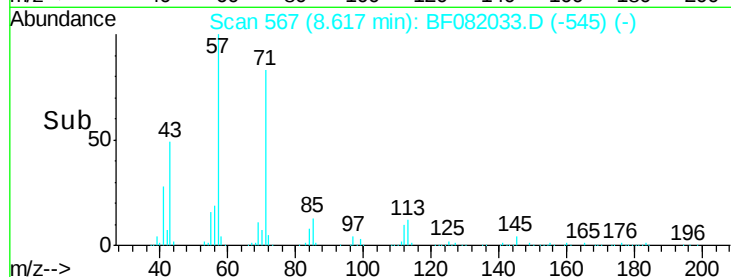
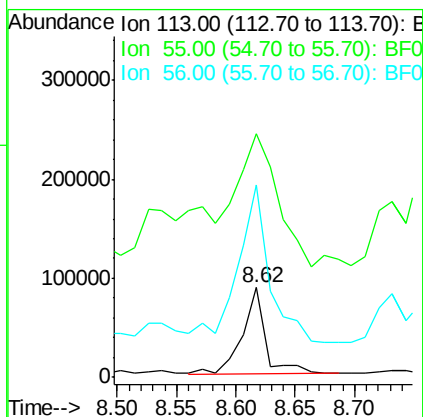
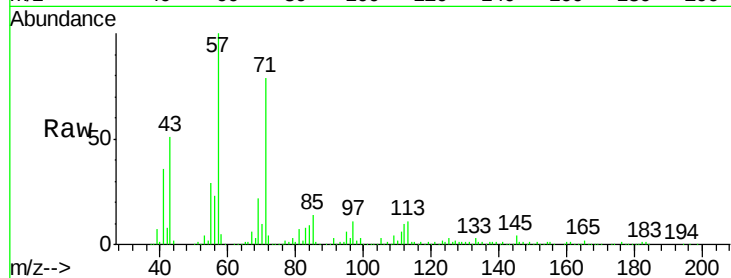




#35
Caprolactam
Concen: 138.82 ng
RT: 8.62 min Scan# 567
Delta R.T. -0.05 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

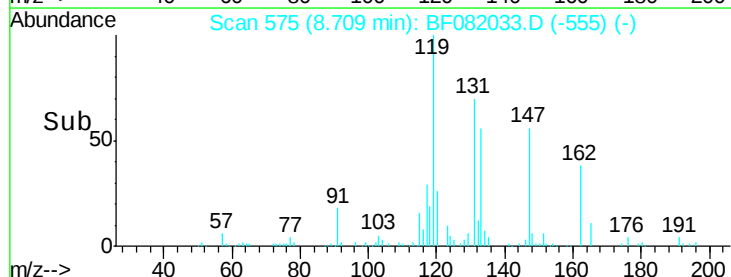
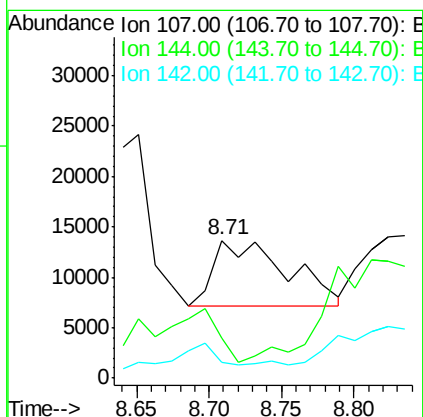
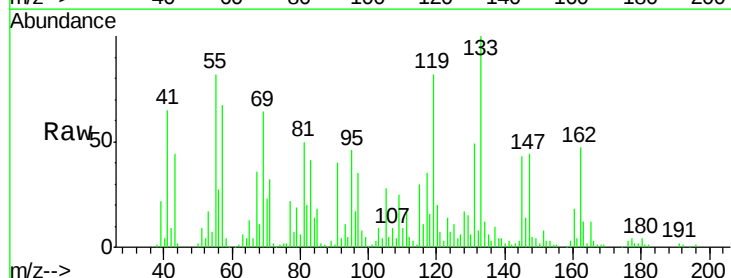
Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

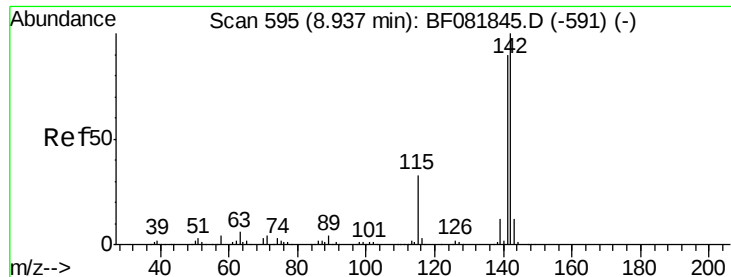
Tgt Ion:113 Resp: 119557
Ion Ratio Lower Upper
113 100
55 271.2 152.4 192.4#
56 214.2 104.6 144.6#



#36
4-Chloro-3-methylphenol
Concen: 7.57 ng
RT: 8.71 min Scan# 575
Delta R.T. -0.07 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:107 Resp: 23024
Ion Ratio Lower Upper
107 100
144 29.2 25.4 38.0
142 11.0 77.3 115.9#

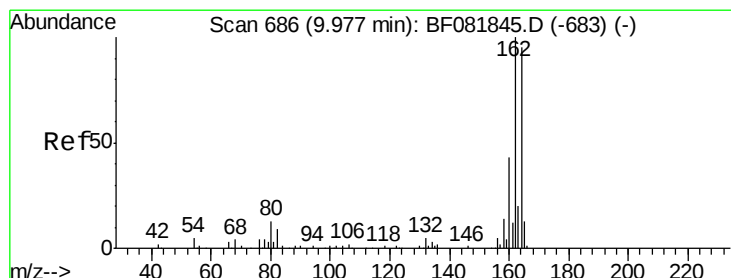
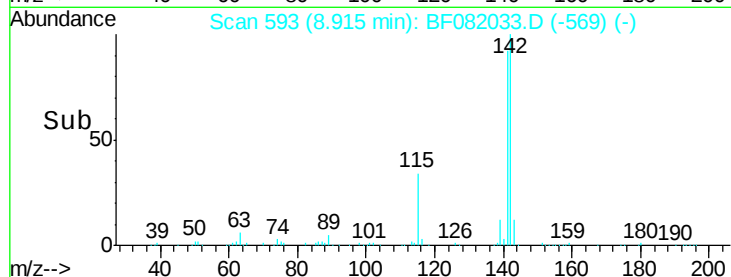
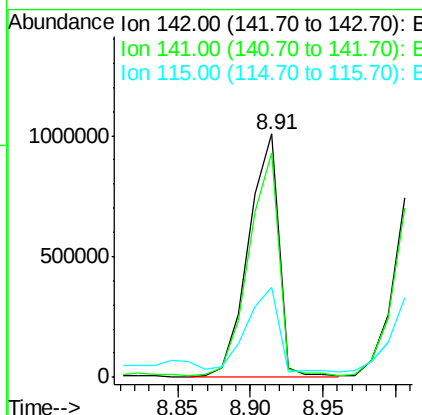
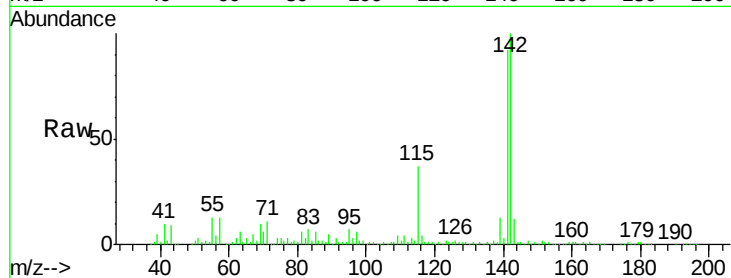




#37
 2-Methylnaphthalene
 Concen: 205.76 ng
 RT: 8.91 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

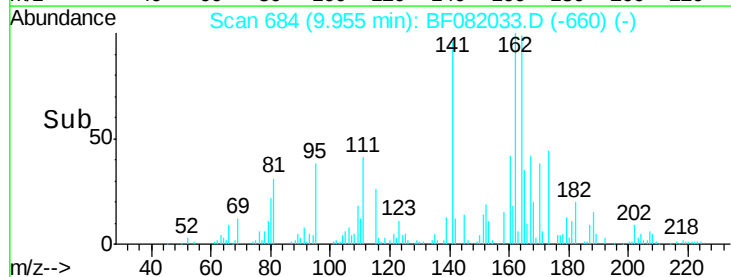
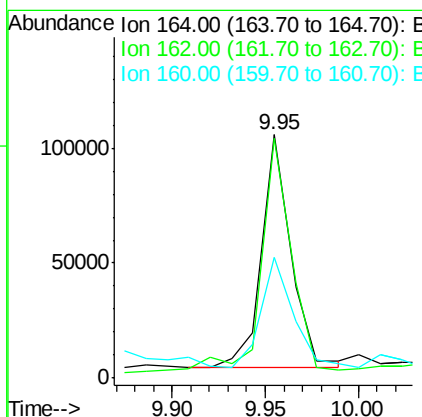
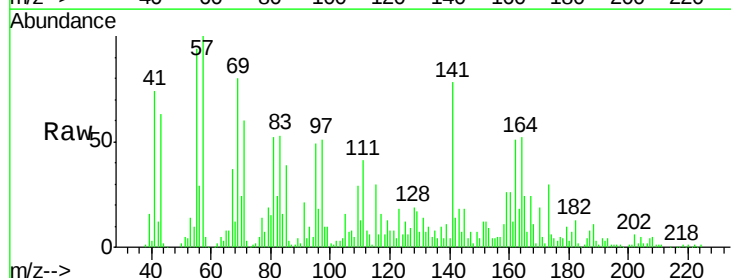
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

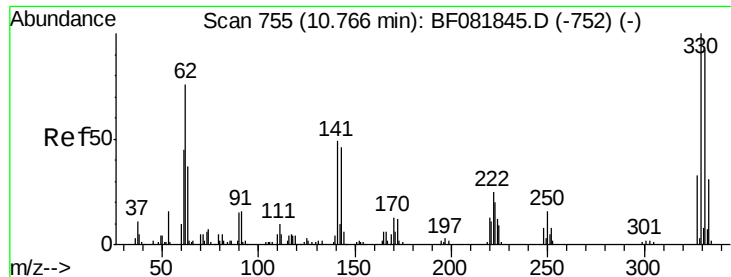
Tgt Ion:142 Resp: 1451537
 Ion Ratio Lower Upper
 142 100
 141 92.0 67.5 101.3
 115 36.8 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Tgt Ion:164 Resp: 110807
 Ion Ratio Lower Upper
 164 100
 162 98.5 75.2 112.8
 160 49.7 31.5 47.3#

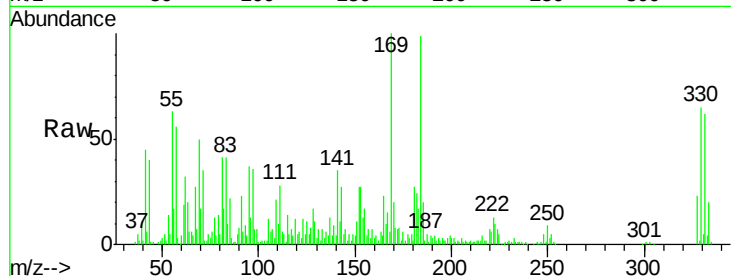




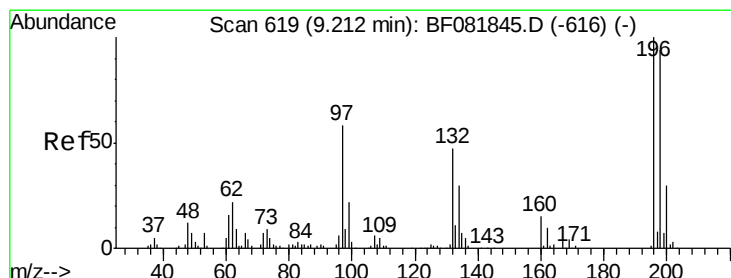
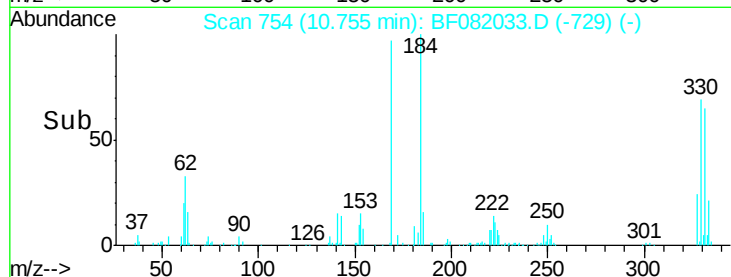
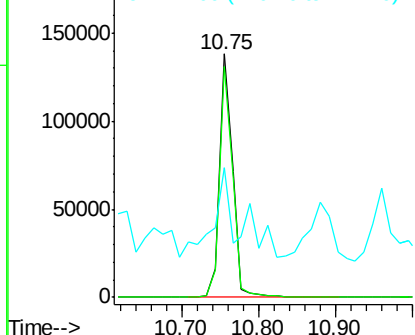
#41
 2,4,6-Tribromophenol
 Concen: 146.44 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

Tgt Ion:330 Resp: 164332
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 47.7 29.7 44.5#

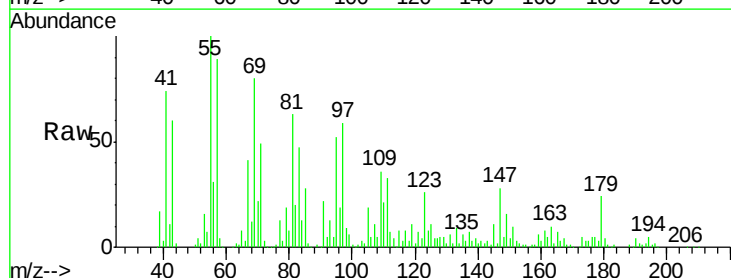


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

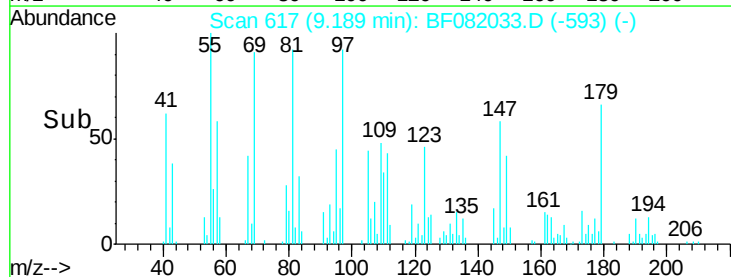
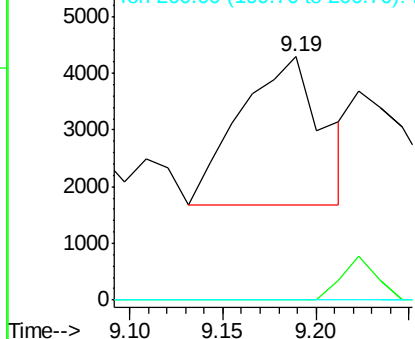


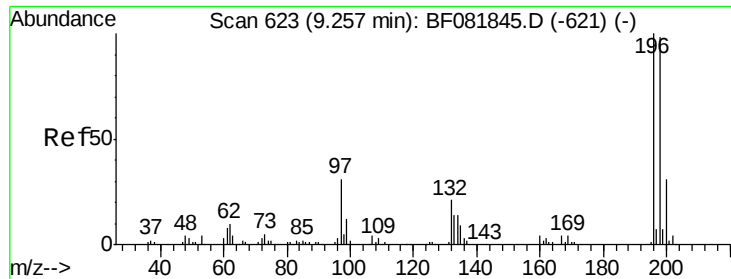
#42
 2,4,6-Trichlorophenol
 Concen: 3.46 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Tgt Ion:196 Resp: 8074
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 23.9 35.9#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

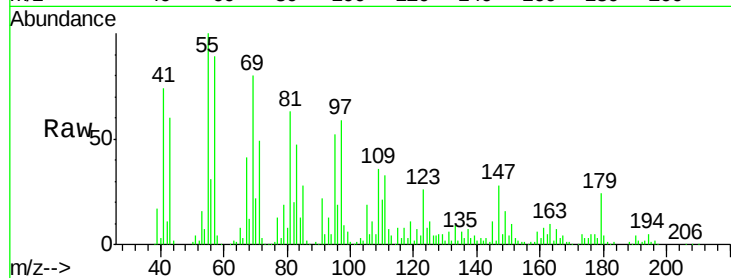




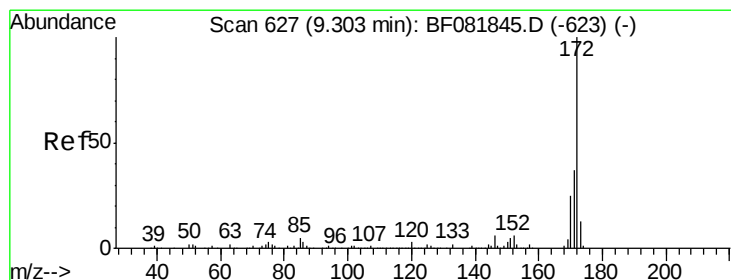
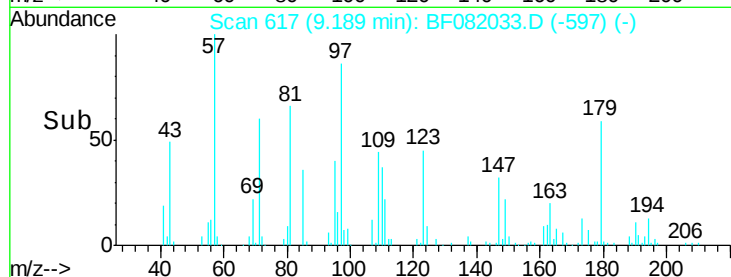
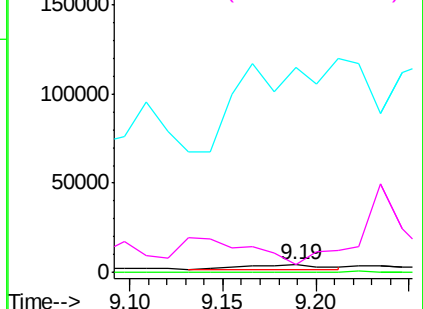
#43
 2,4,5-Trichlorophenol
 Concen: 3.37 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.07 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

Tgt Ion:196 Resp: 8074
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.4 113.0#
 97 2671.2 33.3 49.9#
 132 108.3 24.6 37.0#

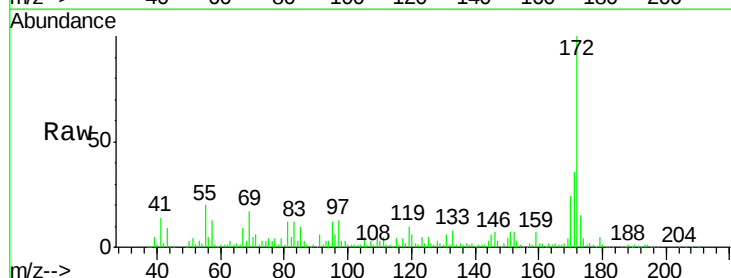


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

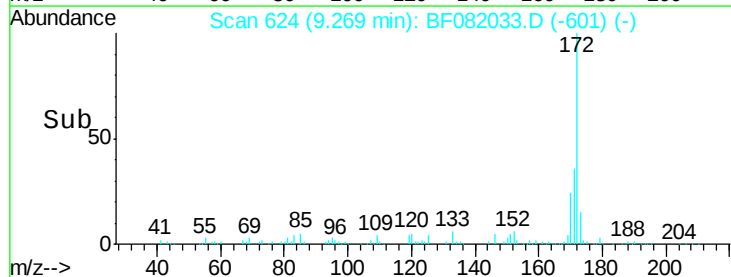
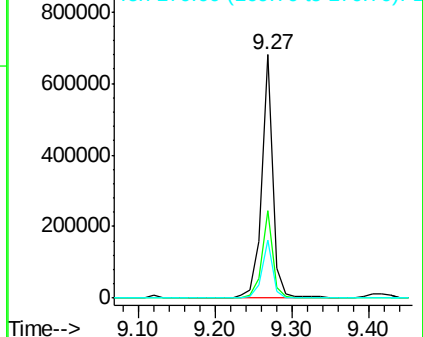


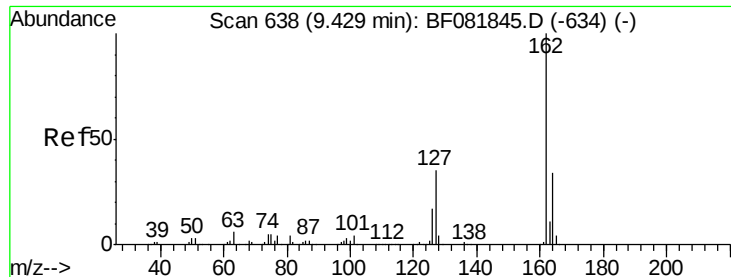
#44
 2-Fluorobiphenyl
 Concen: 108.41 ng
 RT: 9.27 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Tgt Ion:172 Resp: 680016
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.0 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

2-Chloronaphthalene

Concen: 2.33 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

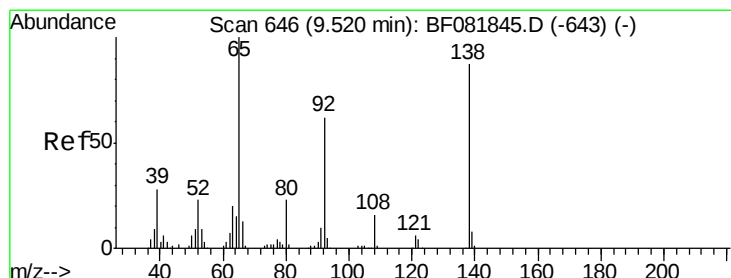
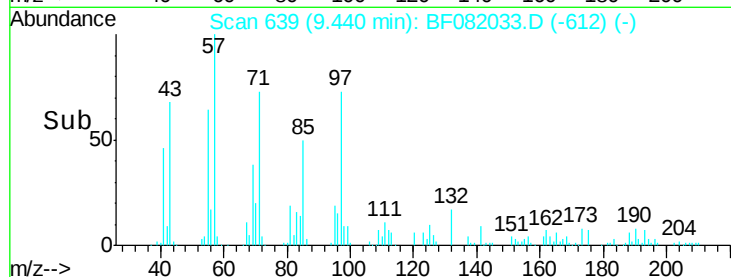
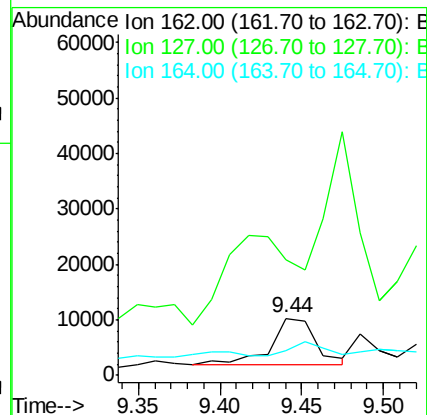
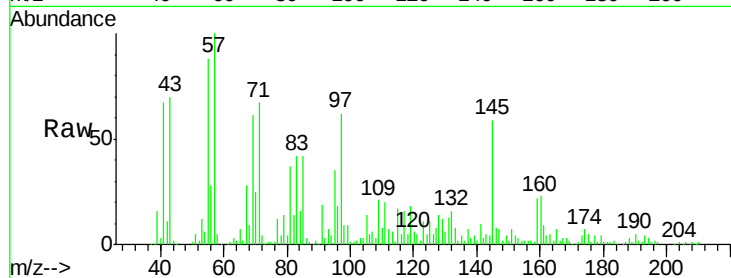
Tgt Ion: 162 Resp: 15625

Ion Ratio Lower Upper

162 100

127 202.8 27.6 41.4#

164 44.7 25.4 38.2#



#47

2-Nitroaniline

Concen: 6.55 ng

RT: 9.55 min Scan# 649

Delta R.T. 0.03 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

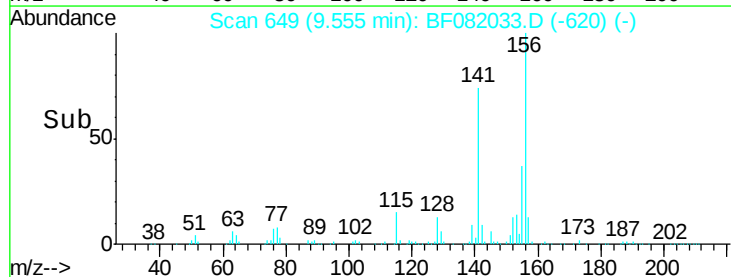
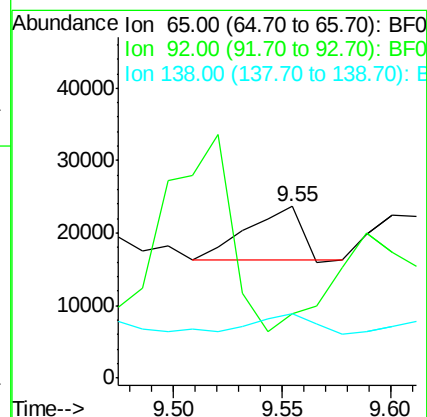
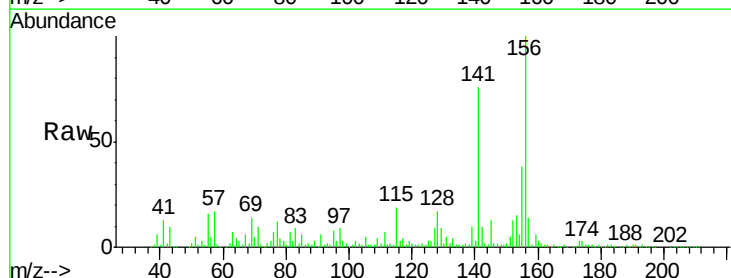
Tgt Ion: 65 Resp: 12898

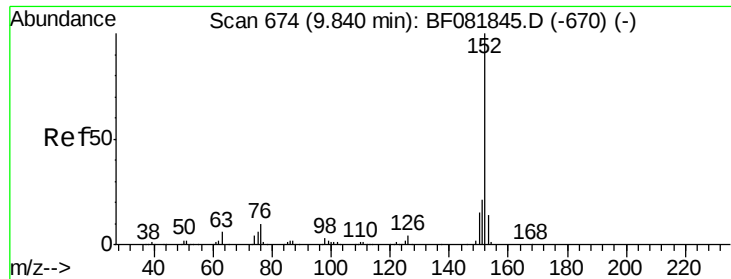
Ion Ratio Lower Upper

65 100

92 37.4 55.4 83.0#

138 37.7 115.5 173.3#





#48

Acenaphthylene

Concen: 5.17 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

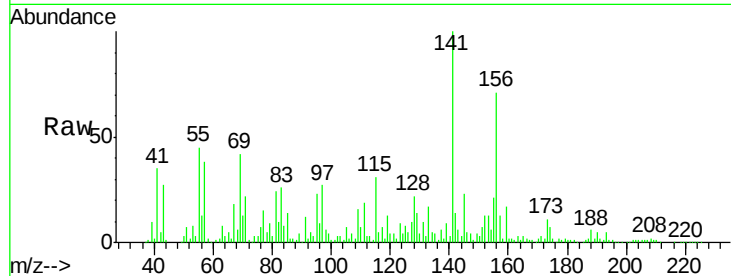
Tgt Ion:152 Resp: 55581

Ion Ratio Lower Upper

152 100

151 51.2 14.6 22.0#

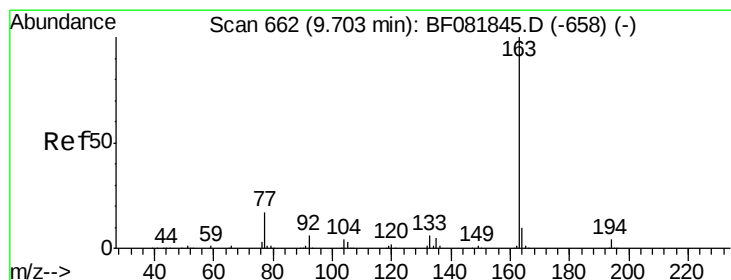
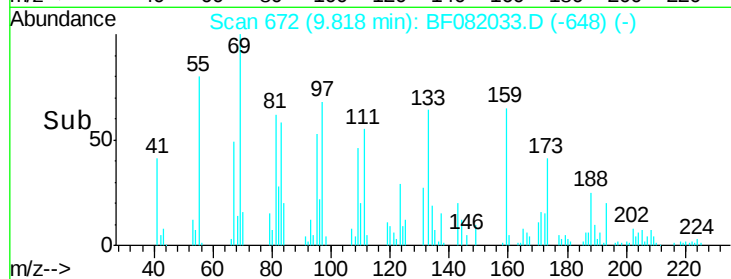
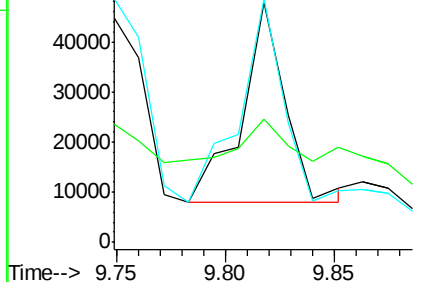
153 101.5 10.3 15.5#



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: 21.67 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

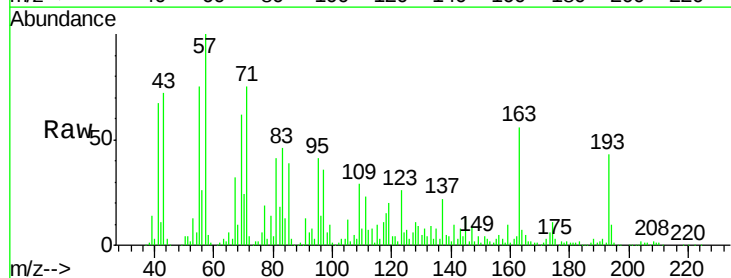
Tgt Ion:163 Resp: 165746

Ion Ratio Lower Upper

163 100

194 18.4 4.4 6.6#

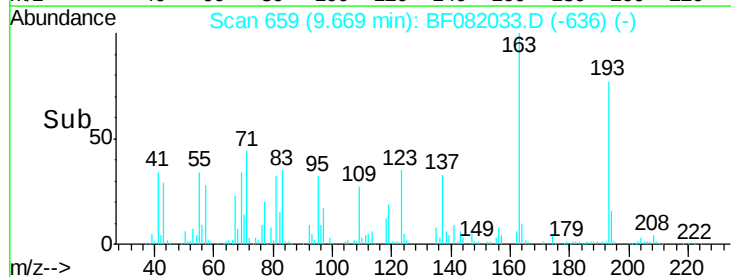
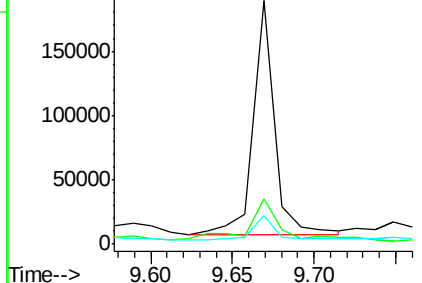
164 11.9 8.3 12.5

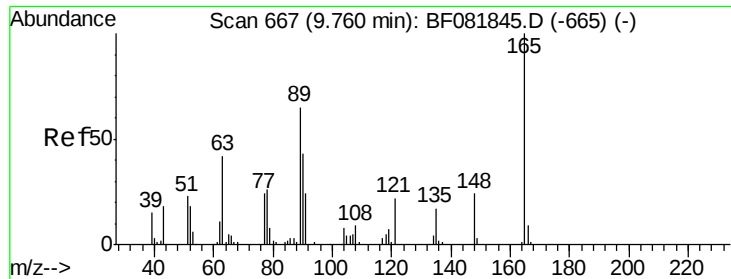


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

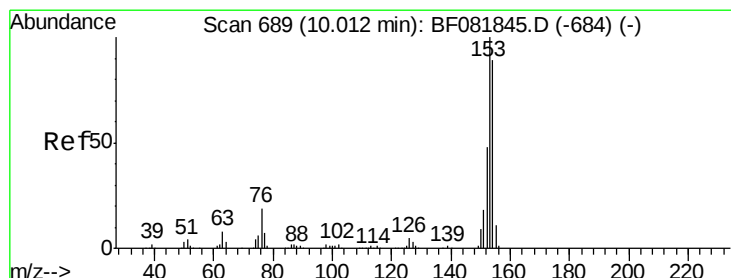
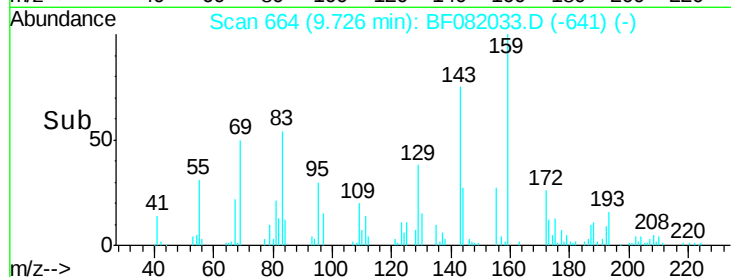
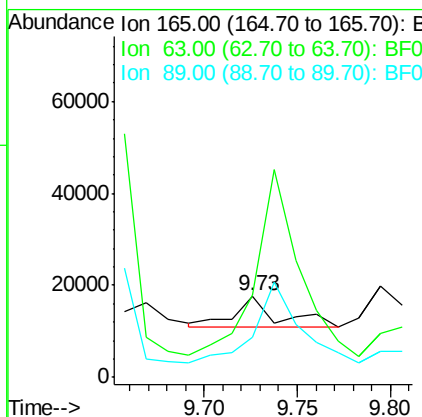
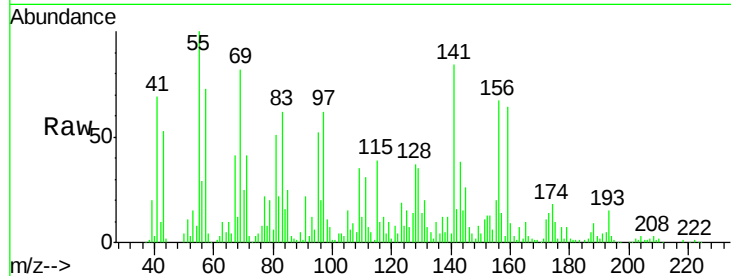




#50
 2,6-Dinitrotoluene
 Concen: 6.39 ng
 RT: 9.73 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

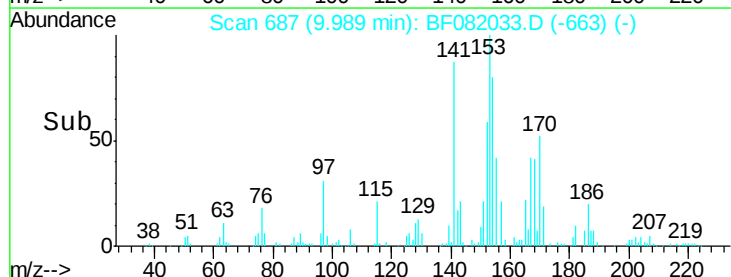
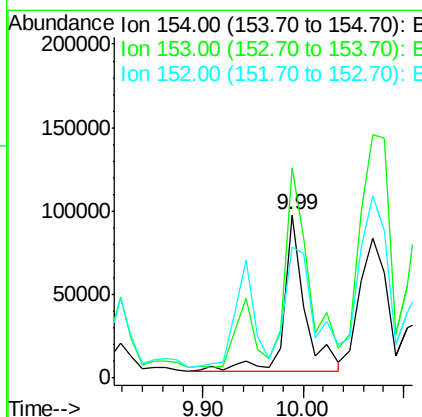
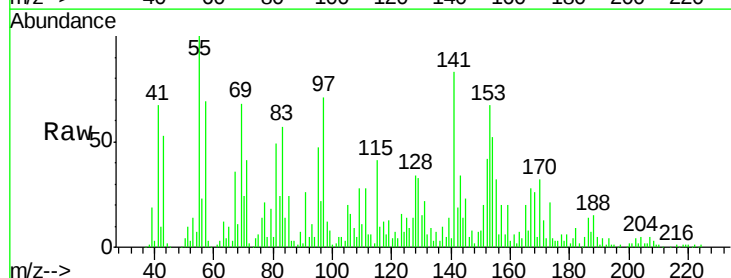
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

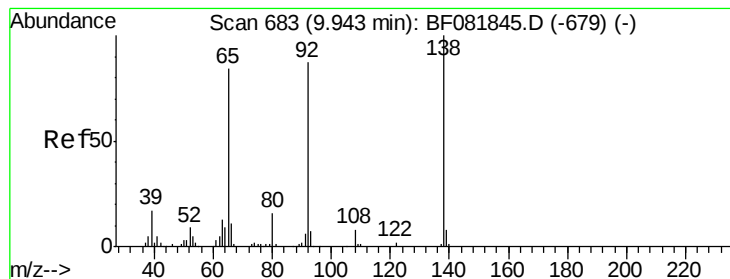
Tgt Ion:165 Resp: 10613
 Ion Ratio Lower Upper
 165 100
 63 101.5 32.3 48.5#
 89 48.7 28.6 43.0#



#51
 Acenaphthene
 Concen: 21.15 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Tgt Ion:154 Resp: 134959
 Ion Ratio Lower Upper
 154 100
 153 129.1 82.1 123.1#
 152 80.5 37.9 56.9#





#52

3-Nitroaniline

Concen: 3.93 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

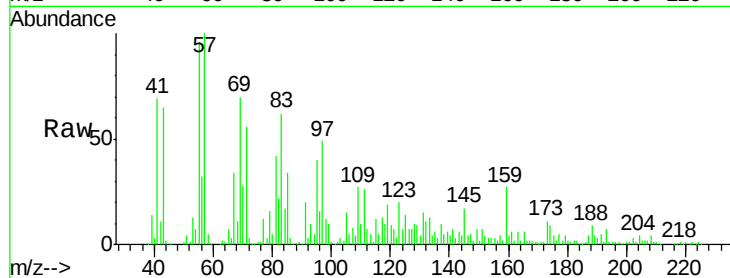
Tgt Ion:138 Resp: 7552

Ion Ratio Lower Upper

138 100

108 84.5 5.7 8.5#

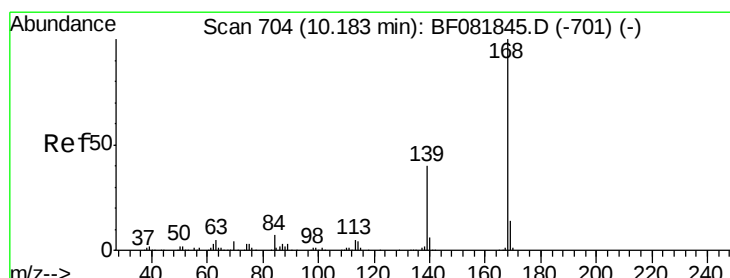
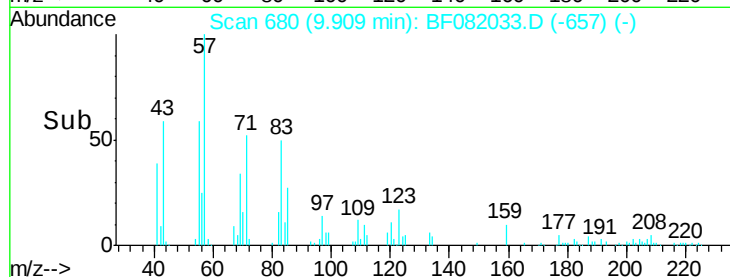
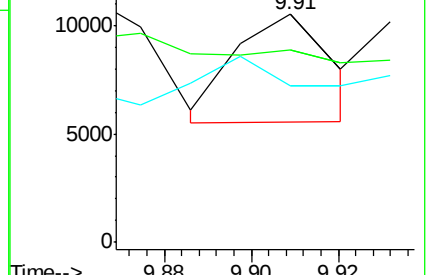
92 68.5 67.7 101.5



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



#54

Dibenzofuran

Concen: 6.48 ng

RT: 10.16 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

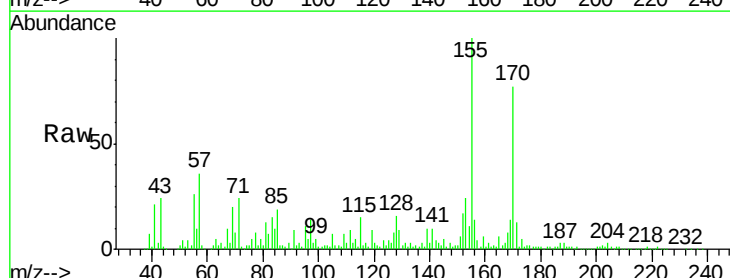
Tgt Ion:168 Resp: 58383

Ion Ratio Lower Upper

168 100

139 124.6 24.2 36.2#

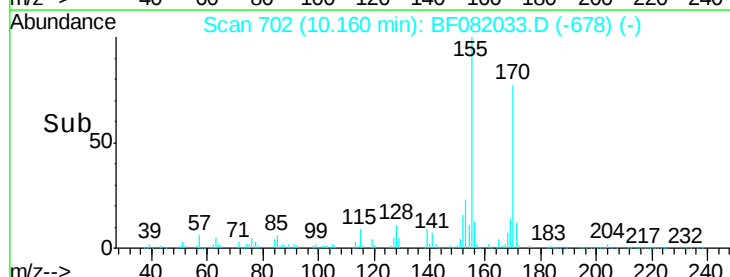
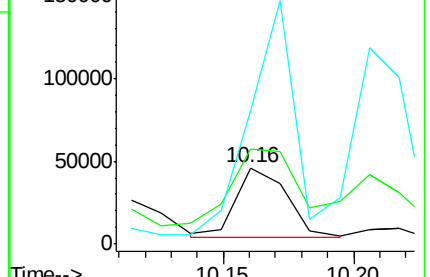
169 174.4 10.6 15.8#

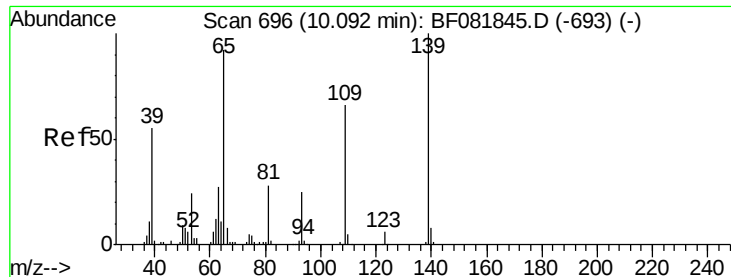


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 76.58 ng

RT: 10.07 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

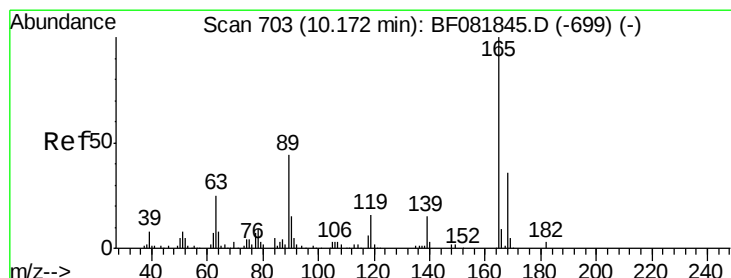
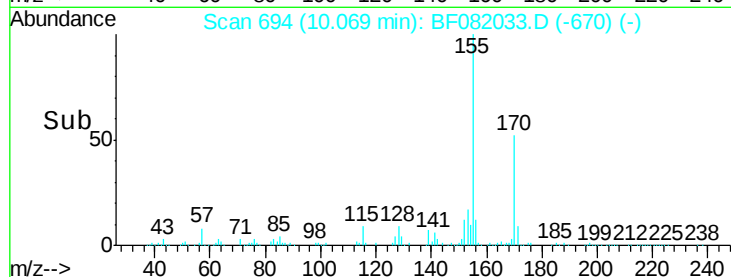
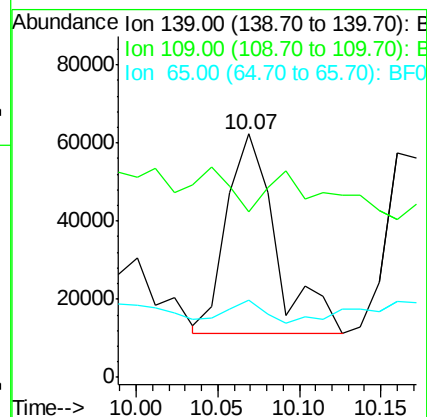
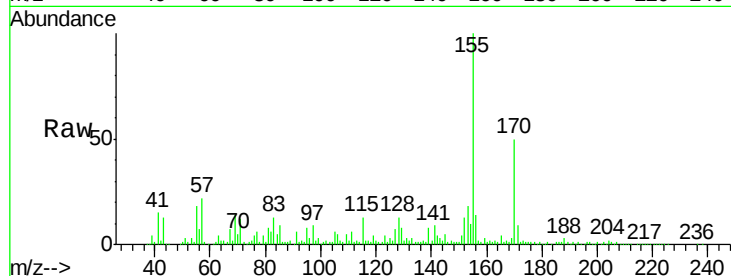
Tgt Ion:139 Resp: 106304

Ion Ratio Lower Upper

139 100

109 68.0 12.7 52.7#

65 31.5 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 19.63 ng

RT: 10.17 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Tgt Ion:165 Resp: 41558

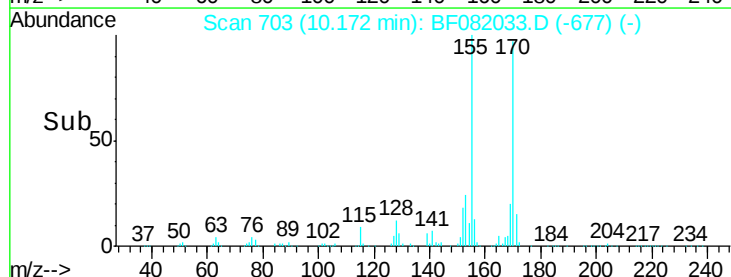
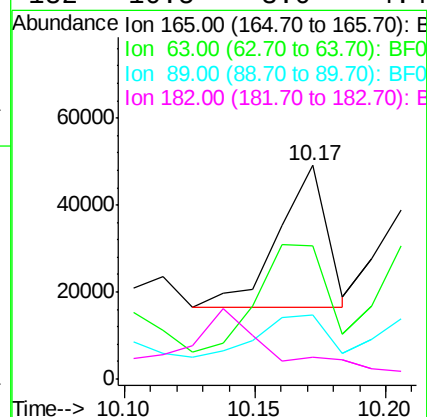
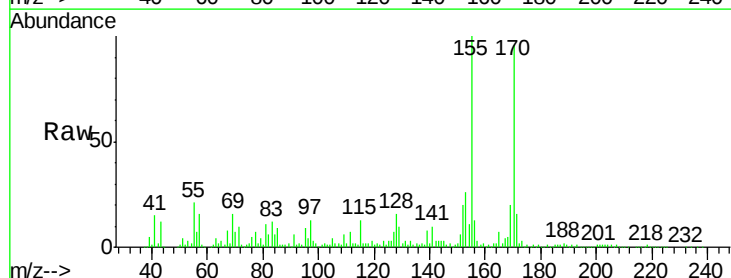
Ion Ratio Lower Upper

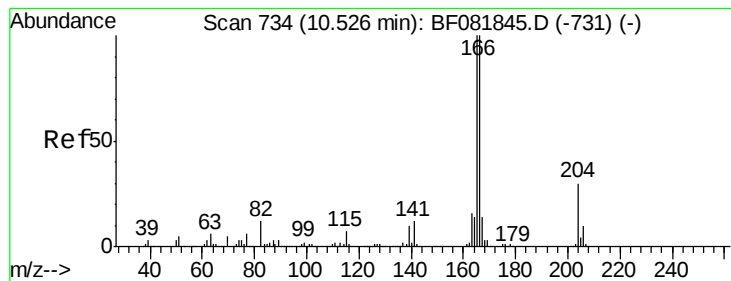
165 100

63 62.5 29.8 44.6#

89 29.7 44.5 66.7#

182 10.5 3.0 4.4#





#57

Fluorene

Concen: 45.15 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

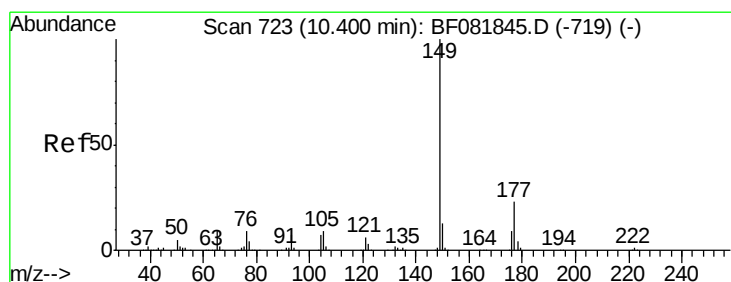
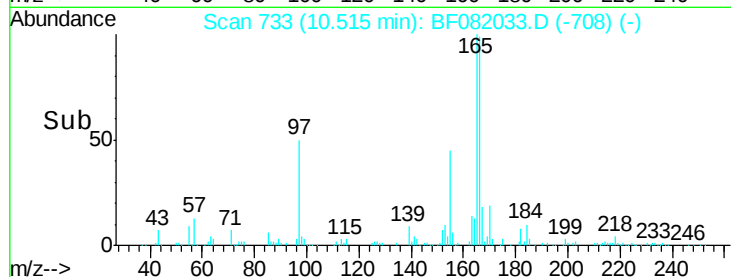
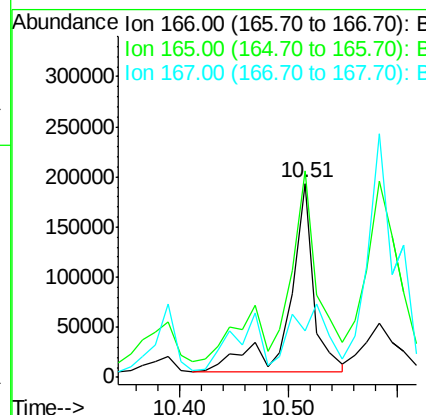
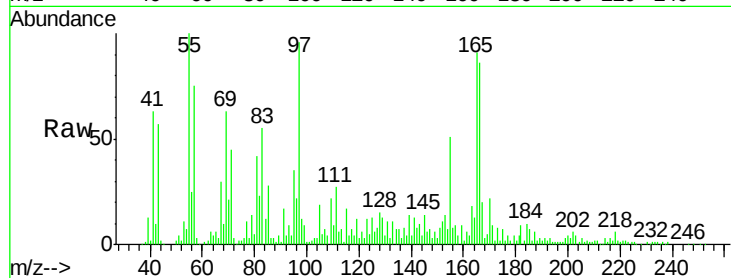
Tgt Ion:166 Resp: 291062

Ion Ratio Lower Upper

166 100

165 106.1 72.6 109.0

167 23.8 10.6 16.0#



#59

Diethylphthalate

Concen: 2.63 ng

RT: 10.41 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

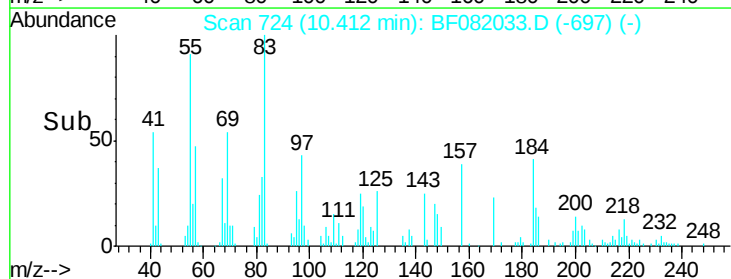
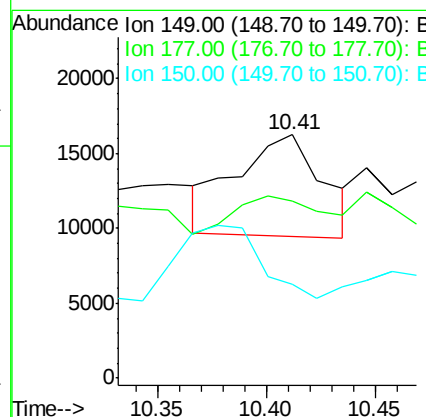
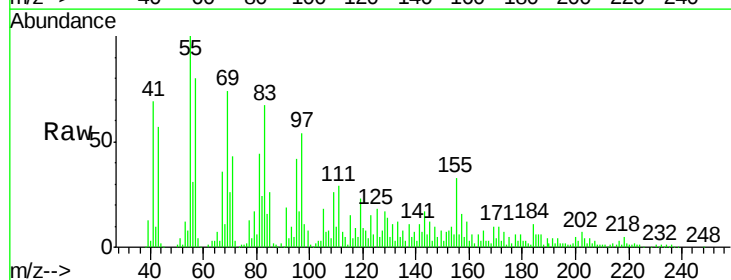
Tgt Ion:149 Resp: 18795

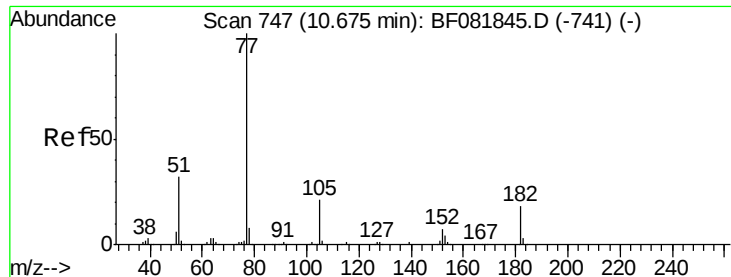
Ion Ratio Lower Upper

149 100

177 72.9 17.5 26.3#

150 38.8 9.4 14.2#





#62

Azobenzene

Concen: 7.52 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

Tgt Ion: 77 Resp: 52435

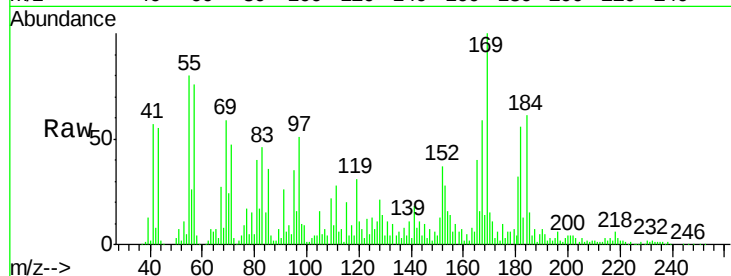
Ion Ratio Lower Upper

77 100

182 335.2 15.1 55.1#

105 95.7 3.4 43.4#

51 41.2 12.0 52.0

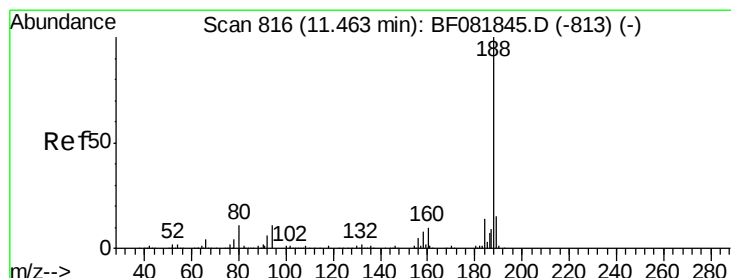
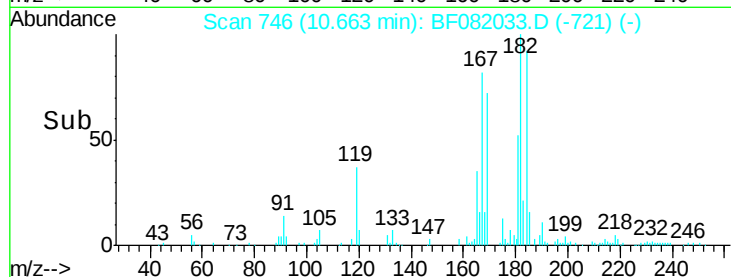
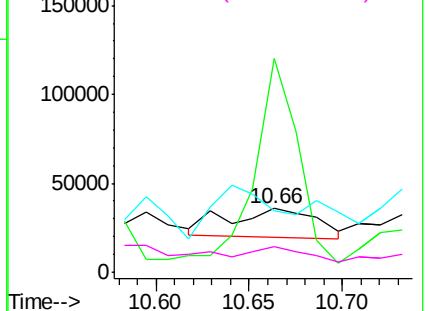


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.45 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

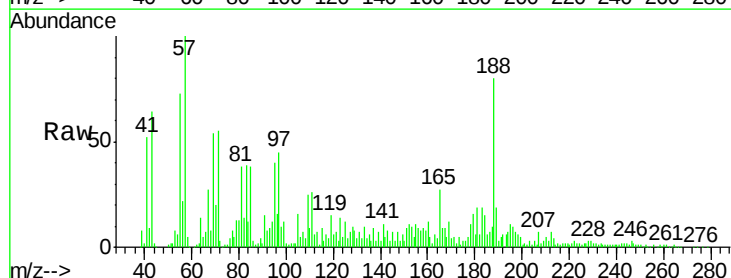
Tgt Ion: 188 Resp: 203834

Ion Ratio Lower Upper

188 100

94 15.5 11.1 16.7

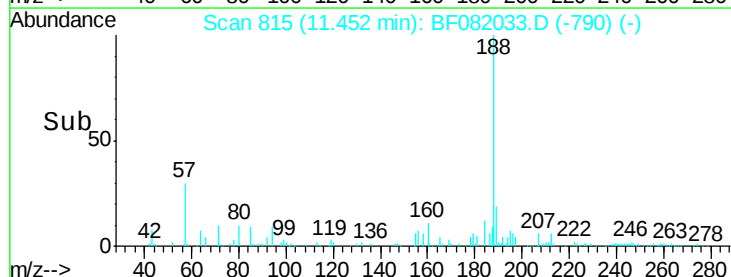
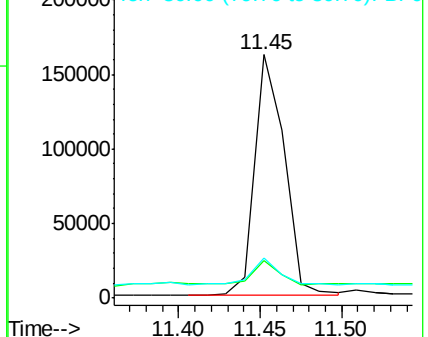
80 16.6 11.0 16.4#

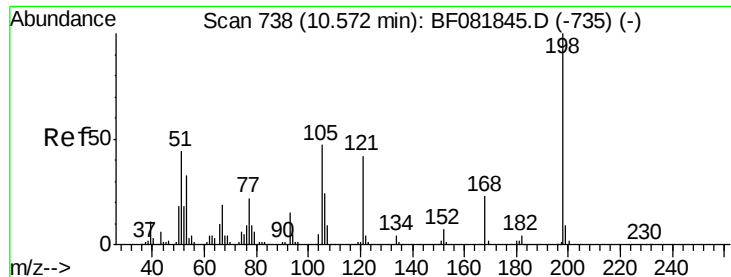


Abundance Ion 188.00 (187.70 to 188.70): E

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: 10.03 ng

RT: 10.61 min Scan# 741

Delta R.T. 0.04 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

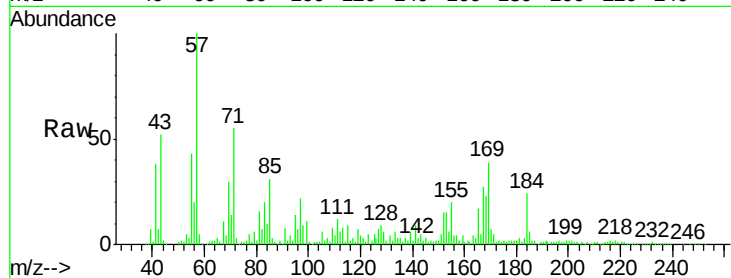
Tgt Ion:198 Resp: 6993

Ion Ratio Lower Upper

198 100

51 245.1 39.6 79.6#

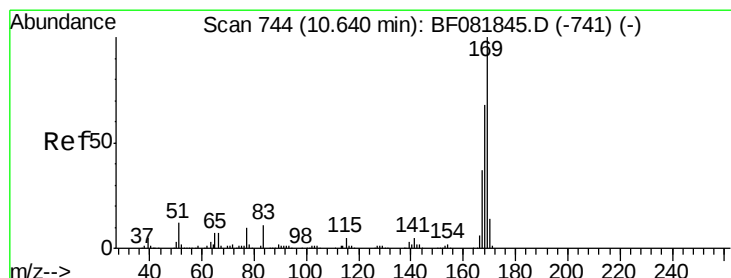
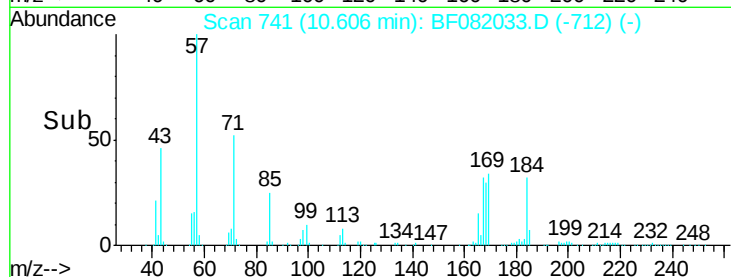
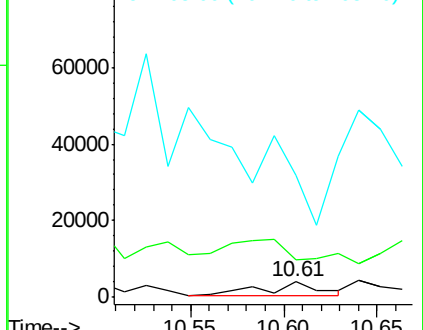
105 803.0 28.5 68.5#



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: 84.07 ng

RT: 10.63 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

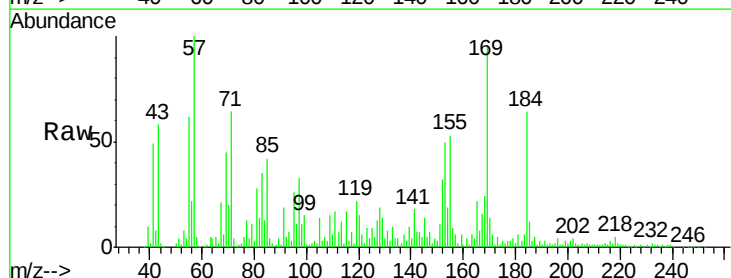
Tgt Ion:169 Resp: 518469

Ion Ratio Lower Upper

169 100

168 24.5 48.9 73.3#

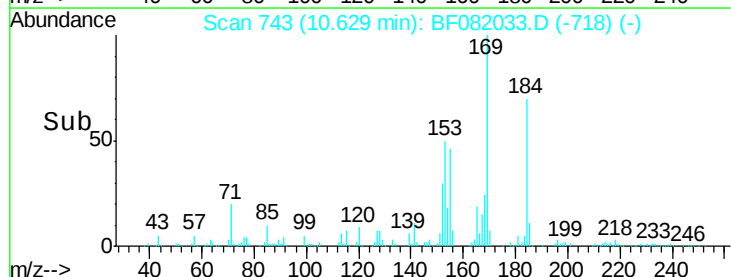
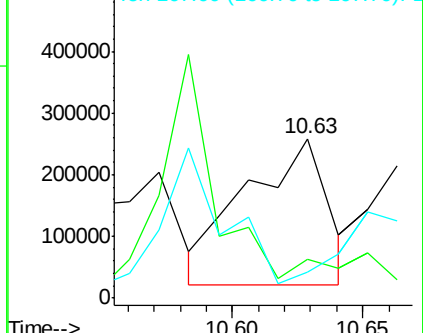
167 16.1 26.2 39.4#

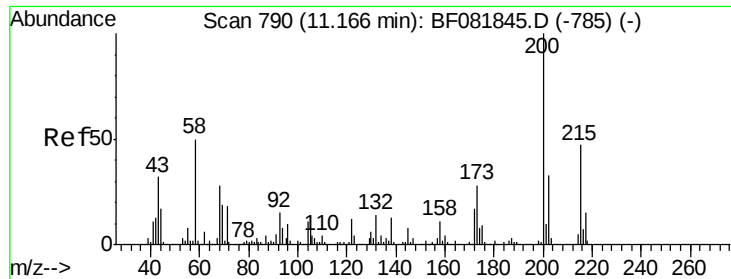


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

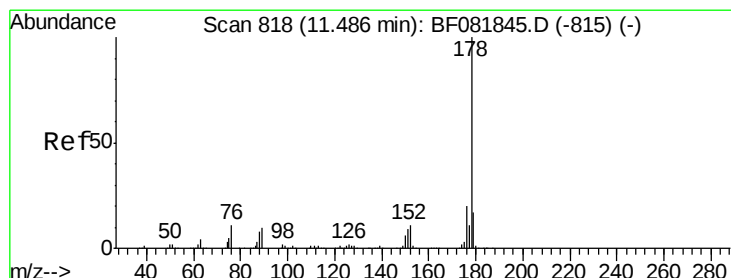
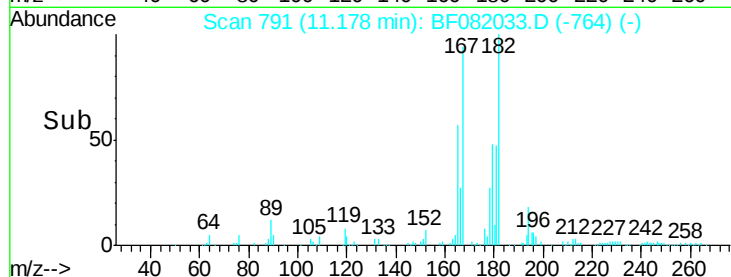
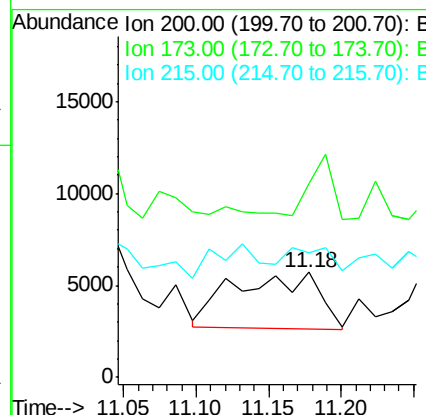
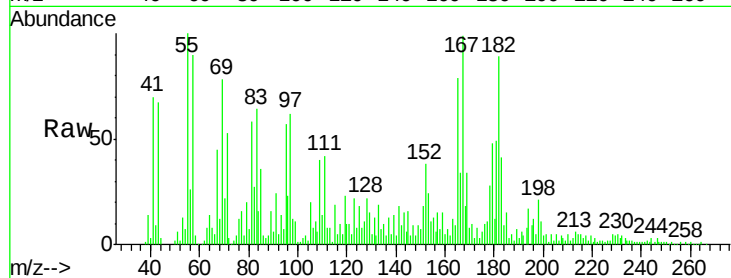




#68
Atrazine
Concen: 6.39 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

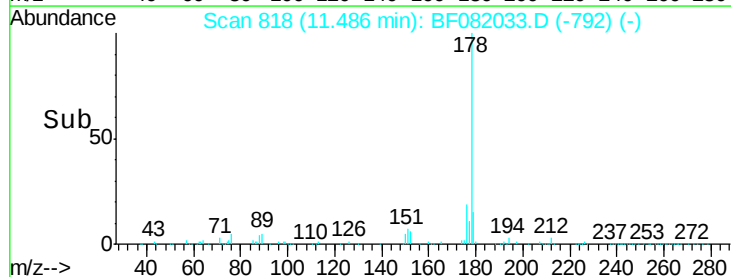
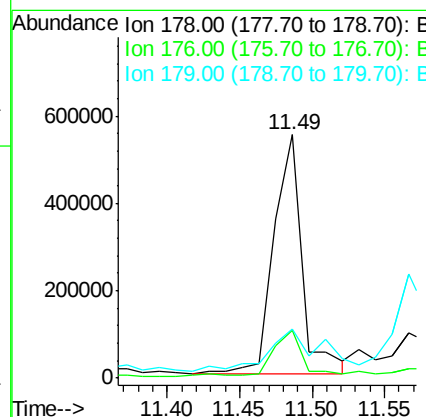
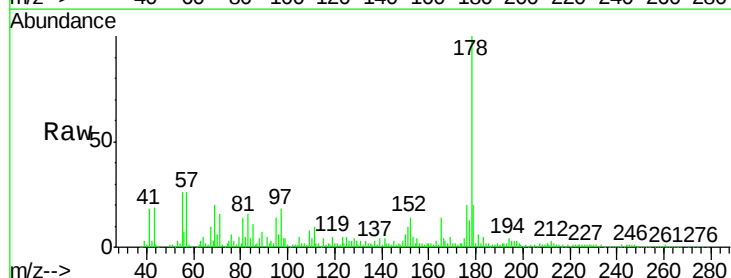
Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

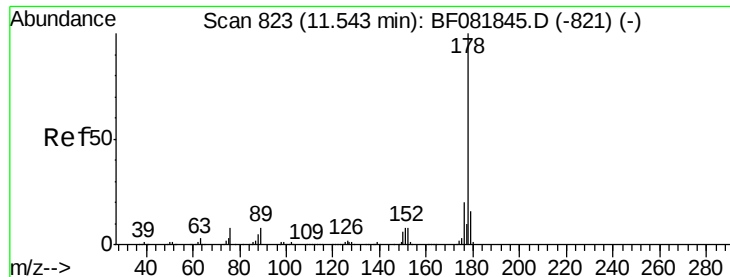
Tgt Ion:200 Resp: 12219
Ion Ratio Lower Upper
200 100
173 183.6 13.2 53.2#
215 119.0 41.8 81.8#



#70
Phenanthrene
Concen: 76.97 ng
RT: 11.49 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

Tgt Ion:178 Resp: 743367
Ion Ratio Lower Upper
178 100
176 19.6 13.8 20.8
179 20.1 12.2 18.2#

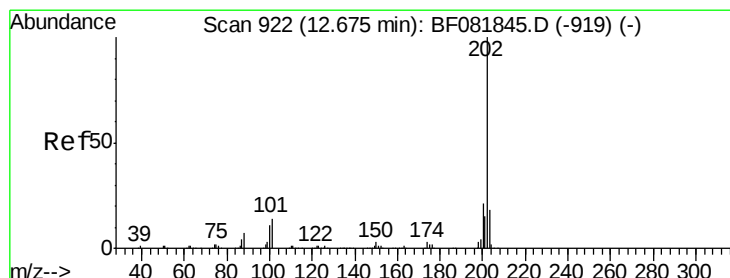
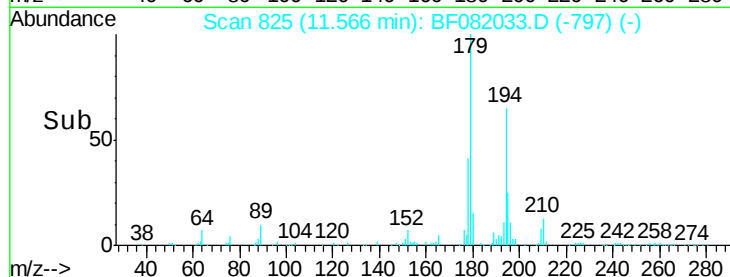
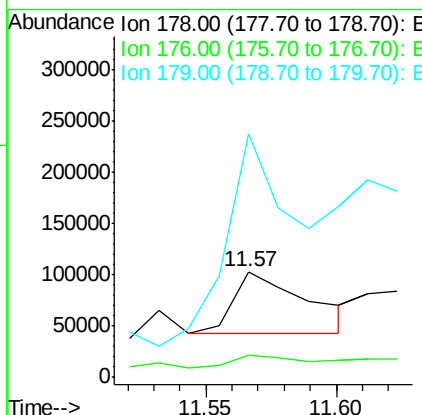
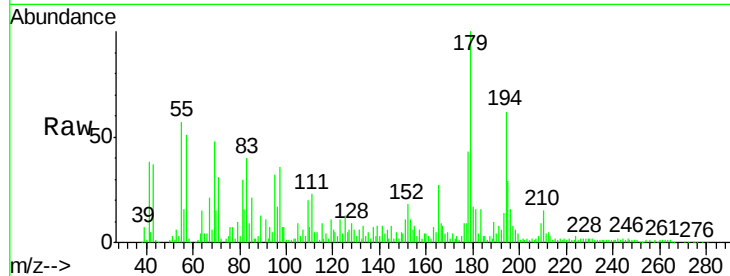




#71
 Anthracene
 Concen: 11.51 ng
 RT: 11.57 min Scan# 825
 Delta R.T. 0.02 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

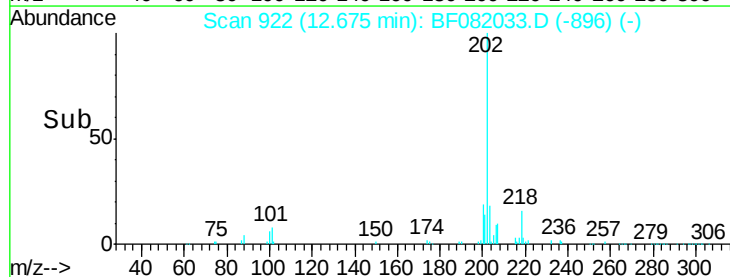
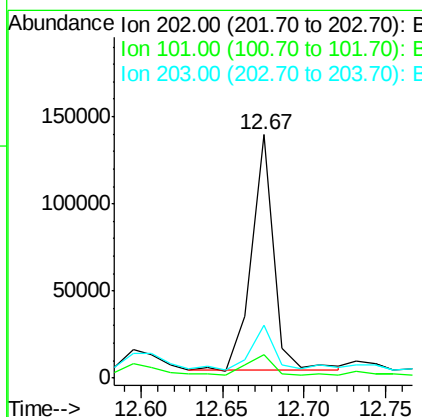
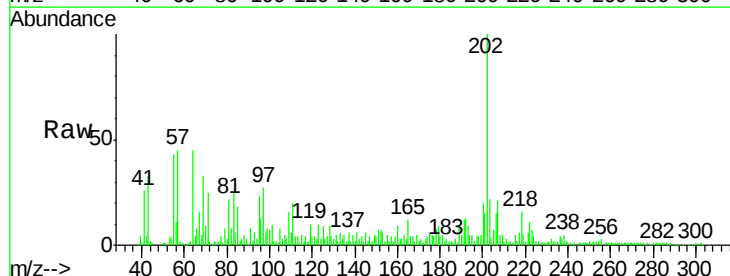
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

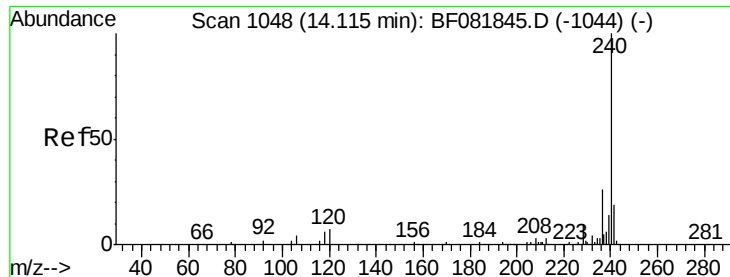
Tgt Ion:178 Resp: 119294
 Ion Ratio Lower Upper
 178 100
 176 21.1 14.1 21.1
 179 230.4 12.2 18.2#



#74
 Fluoranthene
 Concen: 11.60 ng
 RT: 12.67 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Tgt Ion:202 Resp: 126666
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 38.3
 203 21.6 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

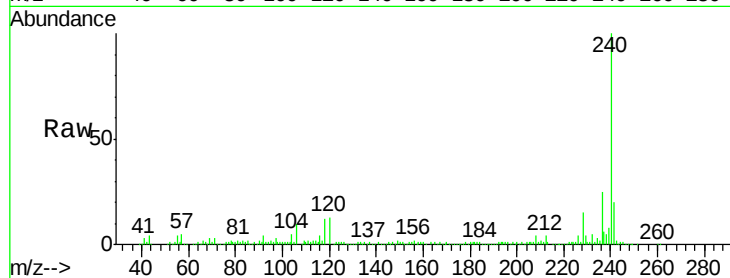
Tgt Ion:240 Resp: 245930

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

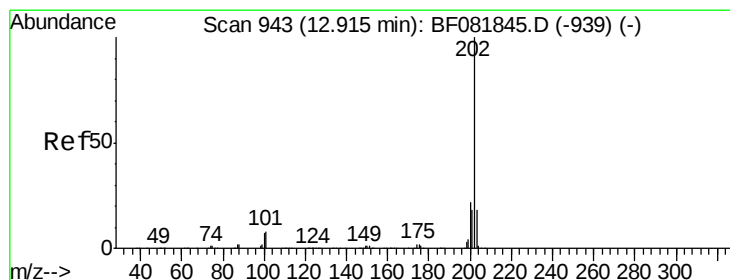
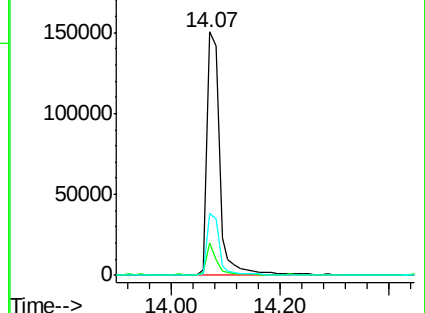
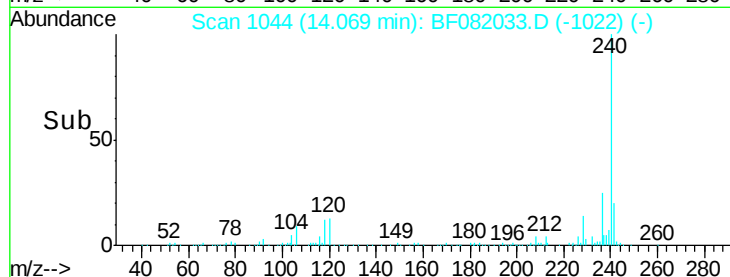
236 25.4 18.4 27.6



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



#77

Pyrene

Concen: 9.68 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

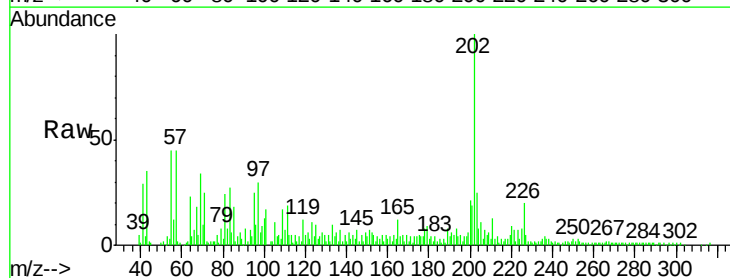
Tgt Ion:202 Resp: 142212

Ion Ratio Lower Upper

202 100

200 21.3 15.0 22.4

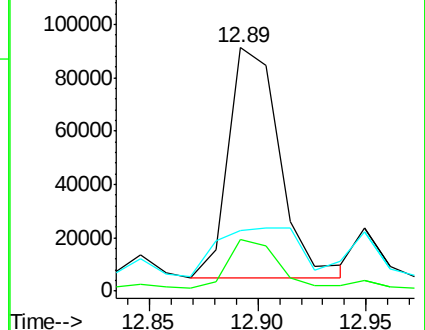
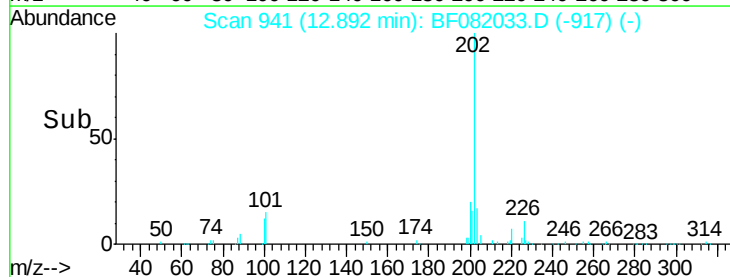
203 25.1 14.1 21.1#

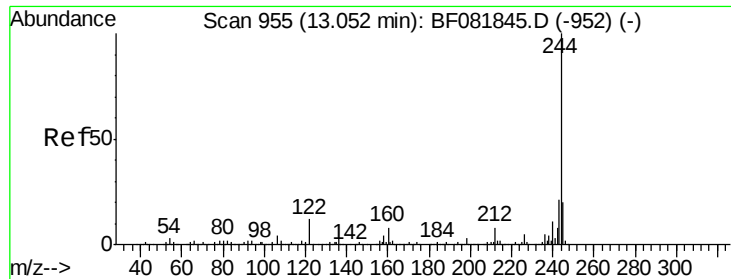


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

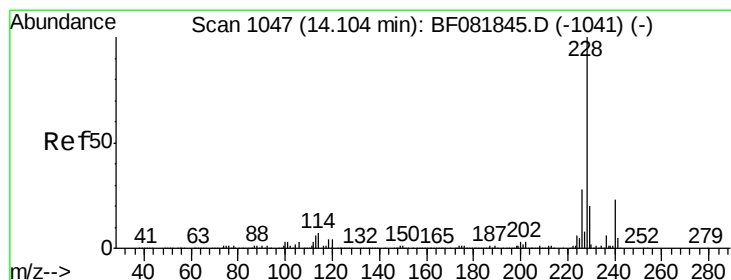
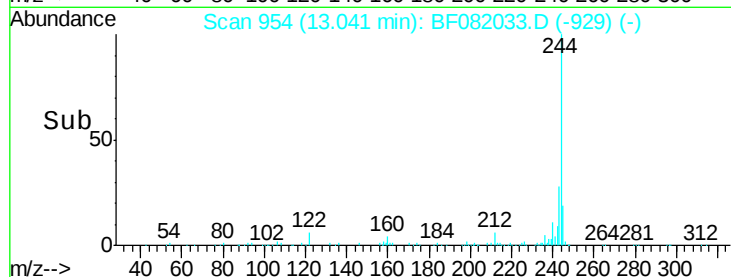
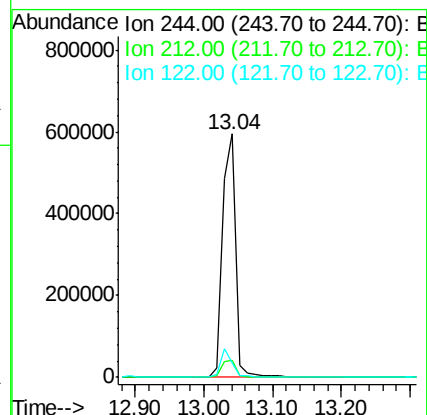
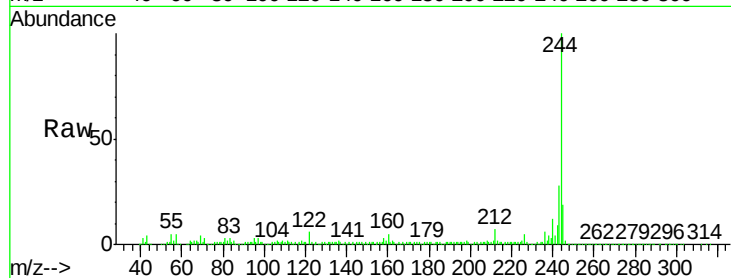




#78
 Terphenyl-d14
 Concen: 117.29 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

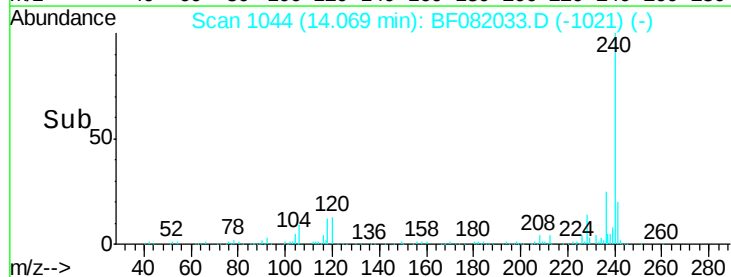
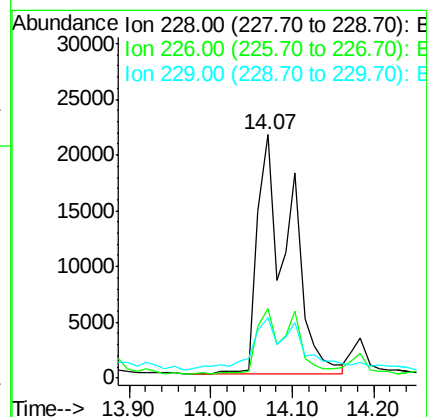
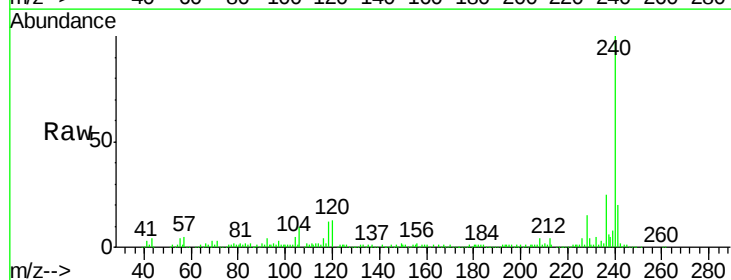
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

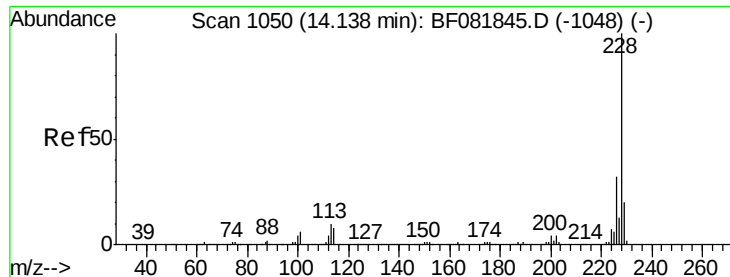
Tgt Ion:244 Resp: 801788
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.3 6.5#
 122 6.2 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 4.40 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF082033.D
 Acq: 3 Oct 2015 20:56

Tgt Ion:228 Resp: 58334
 Ion Ratio Lower Upper
 228 100
 226 28.7 20.0 30.0
 229 25.1 15.4 23.2#





#82

Chrysene

Concen: 4.24 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.07 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915

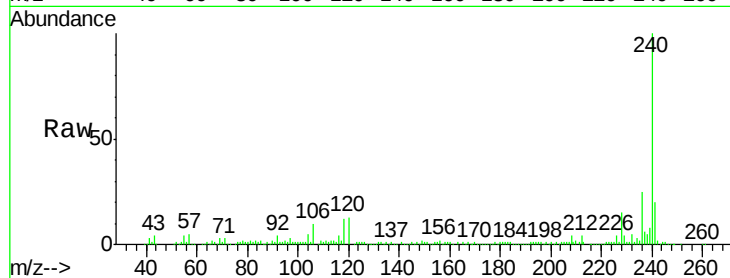
Tgt Ion:228 Resp: 58361

Ion Ratio Lower Upper

228 100

226 28.7 21.0 31.4

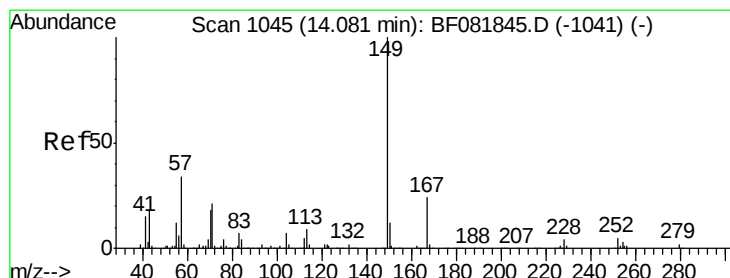
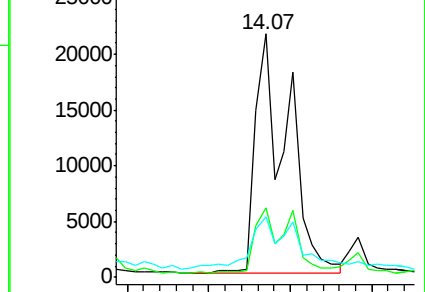
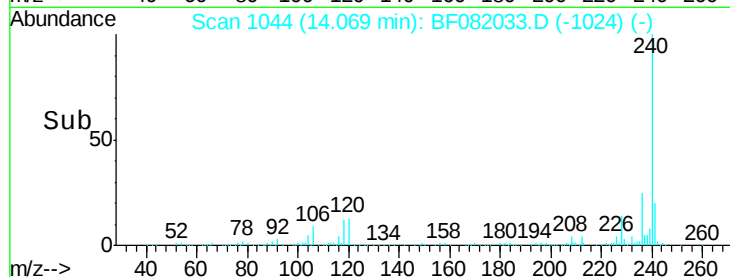
229 25.1 15.6 23.4#



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: 4.55 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF082033.D

Acq: 3 Oct 2015 20:56

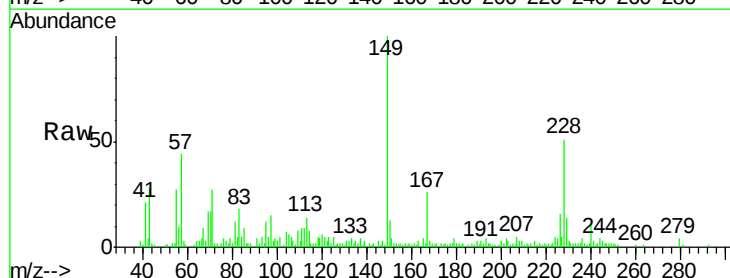
Tgt Ion:149 Resp: 31570

Ion Ratio Lower Upper

149 100

167 25.9 24.2 36.2

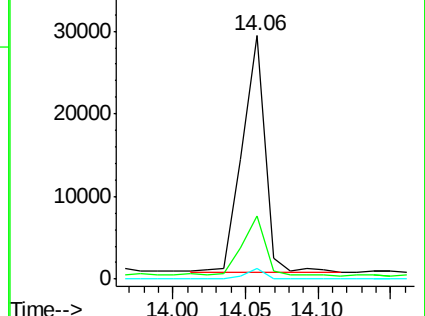
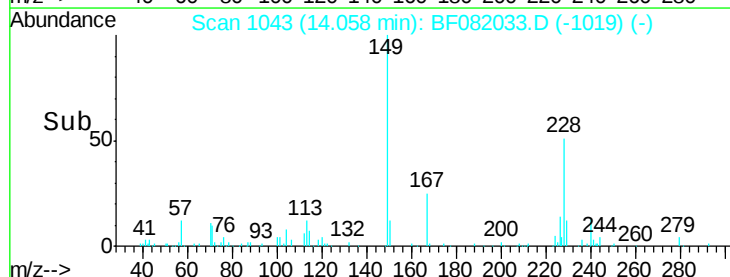
279 4.3 3.8 5.6

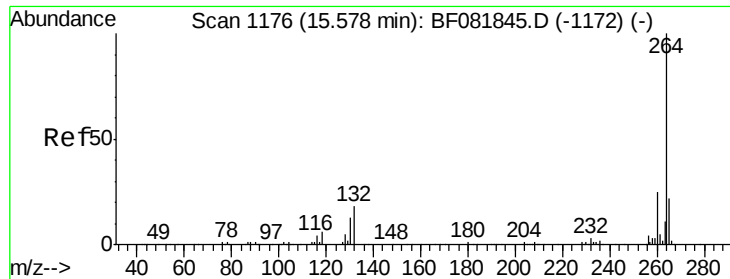


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



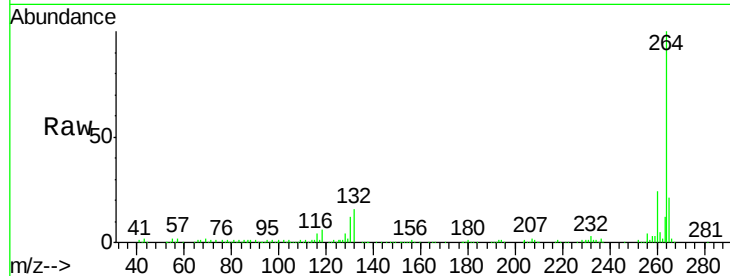


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

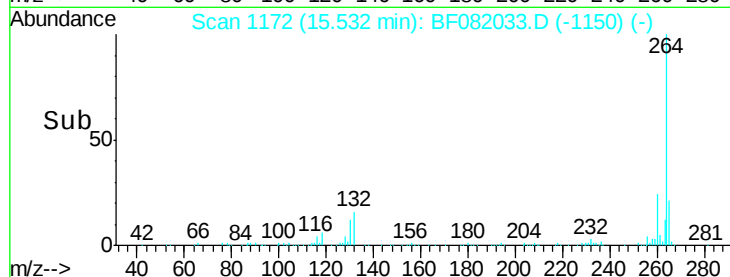
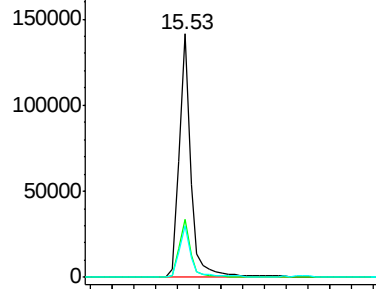
Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

Tgt Ion: 264 Resp: 213605

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.2	17.2	25.8



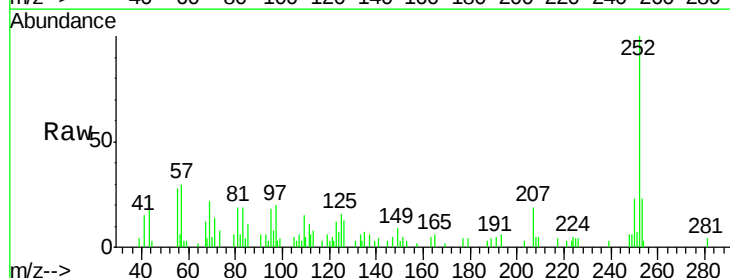
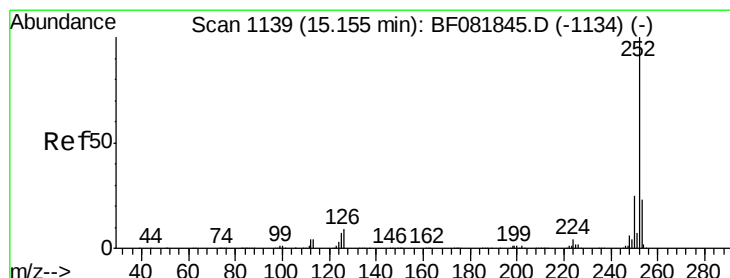
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



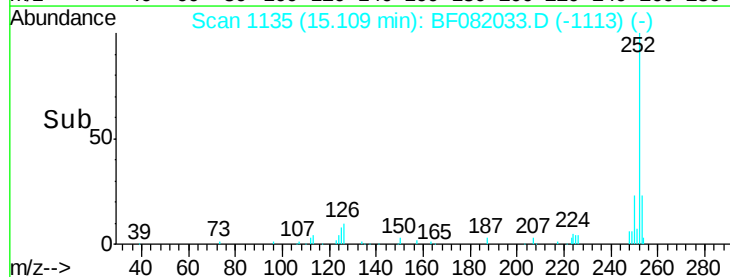
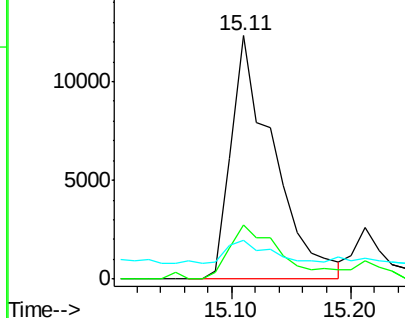
#87
Benzo(b)fluoranthene
Concen: 2.52 ng
RT: 15.11 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF082033.D
Acq: 3 Oct 2015 20:56

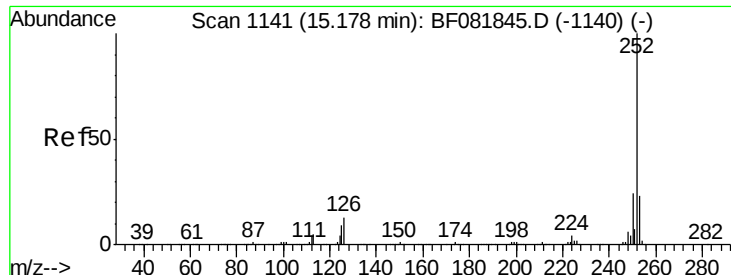
Tgt Ion: 252 Resp: 30732

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	16.1	17.1	25.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.75 ng

RT: 15.11 min Scan# 1135

Delta R.T. -0.07 min

Lab File: BF082033.D

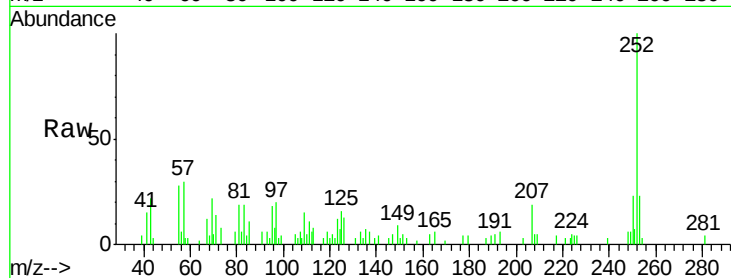
Acq: 3 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

SB-07-6.0-7.0-092915



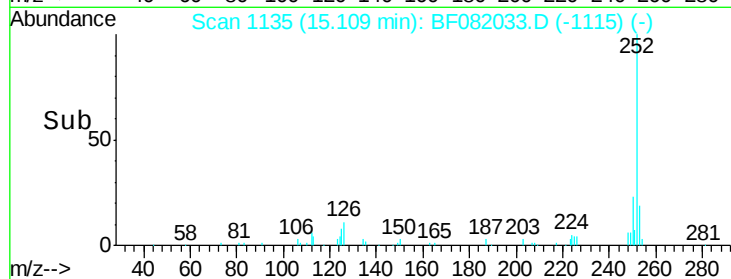
Tgt Ion: 252 Resp: 30732

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 16.1 16.0 24.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

