

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089903.D
 Acq On : 25 Aug 2016 5:32
 Operator : UM/SJ
 Sample : H4566-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC2-S-5-02

Quant Time: Aug 25 12:28:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

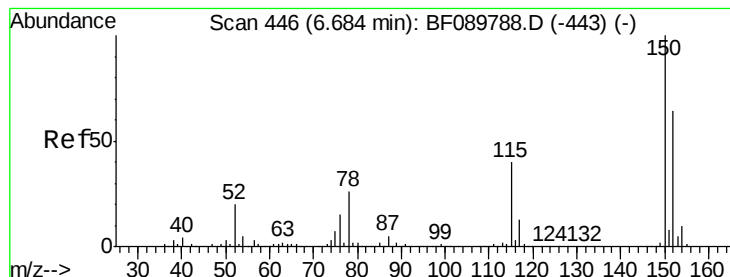
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	420309	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1745939	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	771718	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	1430248	20.00	ng	0.00
75) Chrysene-d12	13.85	240	818575	20.00	ng	-0.02
86) Perylene-d12	15.31	264	987113	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2414356	98.51	ng	-0.01
7) Phenol-d6	6.31	99	2929078	97.36	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1774636	63.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	692321	94.40	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3160303	71.97	ng	-0.01
78) Terphenyl-d14	12.78	244	2047802	56.60	ng	-0.01

Target Compounds					Qvalue	
10) Phenol	6.32	94	98061	2.78	ng	78
19) n-Nitroso-di-n-propylamine	7.23	70	232354	12.08	ng	# 71
25) Isophorone	7.23	82	1388030	24.49	ng	# 67
31) Naphthalene	7.98	128	1151808	14.12	ng	98
33) 4-Chloroaniline	7.98	127	151002	4.27	ng	# 34
37) 2-Methylnaphthalene	8.66	142	265640	5.03	ng	98
48) Acenaphthylene	9.56	152	154623	2.18	ng	97
49) Dimethylphthalate	9.44	163	1114317	20.51	ng	# 98
51) Acenaphthene	9.74	154	938376	19.99	ng	98
54) Dibenzofuran	9.91	168	769075	13.04	ng	92
55) 4-Nitrophenol	9.91	139	270509	23.84	ng	# 16
57) Fluorene	10.25	166	891990	18.98	ng	99
66) 4-Bromophenyl-phenylether	10.49	248	35818	2.39	ng	# 1
70) Phenanthrene	11.22	178	7050838	97.61	ng	92
71) Anthracene	11.26	178	2061377	28.07	ng	98
72) Carbazole	11.42	167	1371715	20.83	ng	97
74) Fluoranthene	12.40	202	7594046	110.52	ng	91
77) Pyrene	12.40	202	7594046	113.93	ng	93
79) Butylbenzylphthalate	13.27	149	187098	6.21	ng	92
80) Benzo(a)anthracene	13.84	228	3209915	68.47	ng	98
82) Chrysene	13.87	228	2208647	54.95	ng	96
83) Bis(2-ethylhexyl)phthalate	13.86	149	151680	3.66	ng	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	2144853	41.83	ng	# 95
87) Benzo(b)fluoranthene	14.94	252	5199878	95.76	ng	97
88) Benzo(k)fluoranthene	14.94	252	5199878	105.54	ng	# 96
89) Benzo(a)pyrene	15.27	252	2778711	54.06	ng	96
90) Dibenzo(a,h)anthracene	16.63	278	564380	10.12	ng	94
91) Benzo(g,h,i)perylene	17.01	276	2041607	34.75	ng	98

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

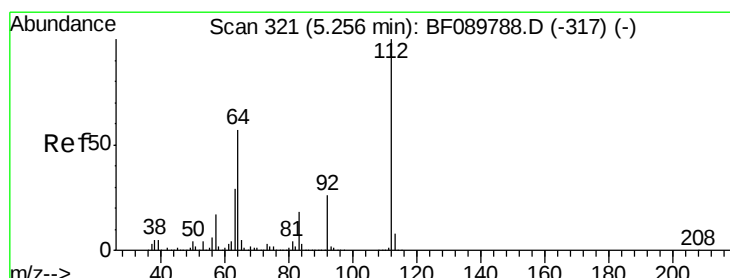
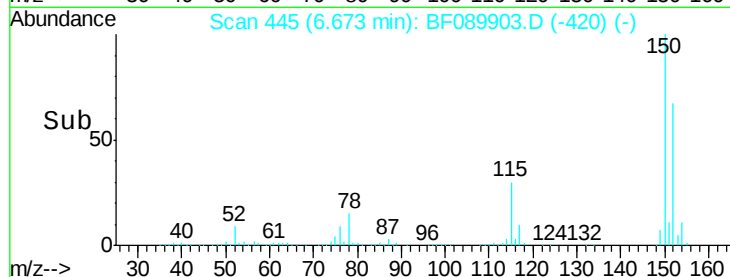
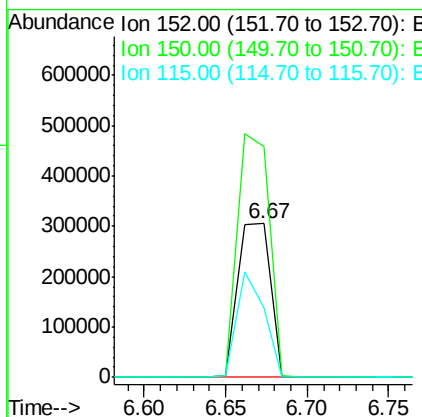
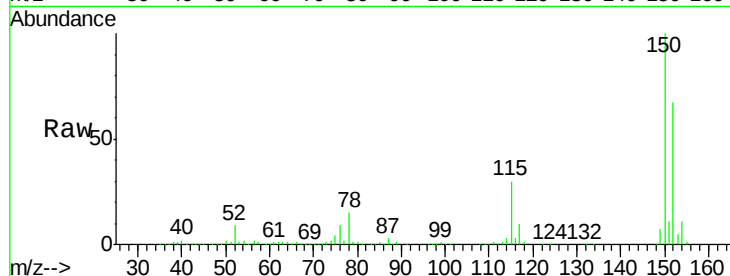
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\  
Data File : BF089903.D  
Acq On    : 25 Aug 2016    5:32  
Operator  : UM/SJ  
Sample    : H4566-04  
Misc      :  
ALS Vial  : 38    Sample Multiplier: 1
```



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BF089903.D
 Acq: 25 Aug 2016 5:32

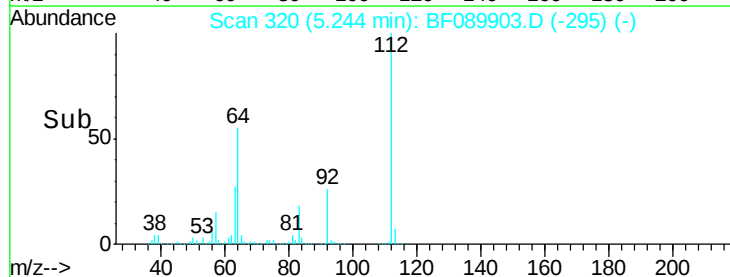
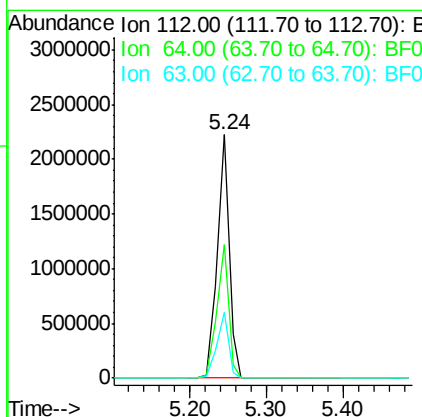
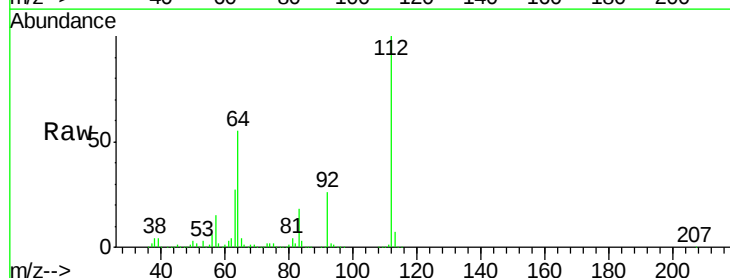
Instrument :
 BNA_F
 ClientSampleId :
 WC2-S-5-02

Tgt Ion:152 Resp: 420309
 Ion Ratio Lower Upper
 152 100
 150 149.8 125.3 187.9
 115 45.6 40.9 61.3



#5
 2-Fluorophenol
 Concen: 98.51 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089903.D
 Acq: 25 Aug 2016 5:32

Tgt Ion:112 Resp: 2414356
 Ion Ratio Lower Upper
 112 100
 64 54.7 45.0 67.4
 63 27.0 23.1 34.7





#7

Phenol-d6

Concen: 97.36 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

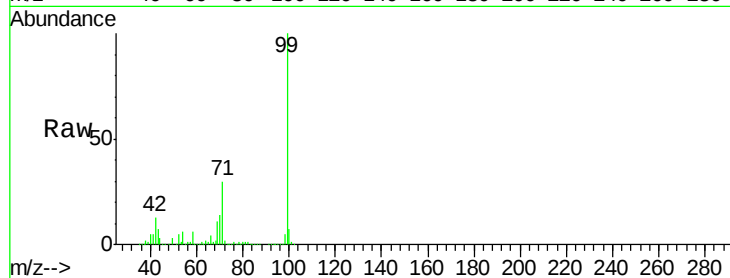
Tgt Ion: 99 Resp: 2929078

Ion Ratio Lower Upper

99 100

42 13.5 12.2 18.4

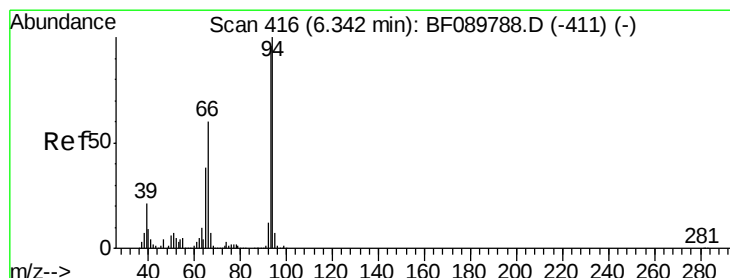
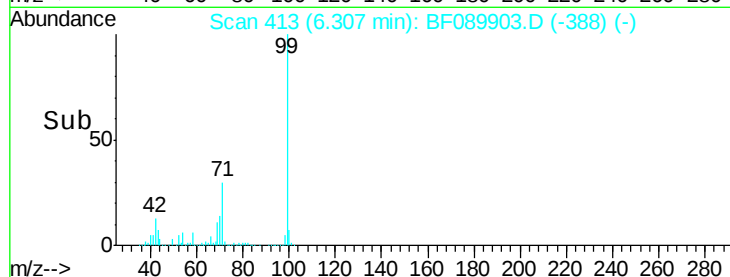
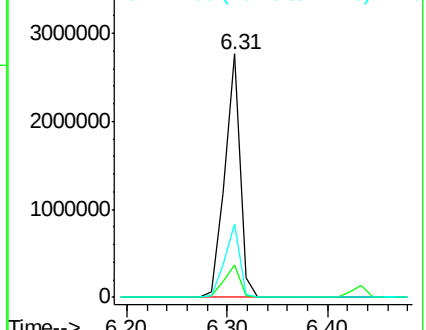
71 30.3 23.8 35.8



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



#10

Phenol

Concen: 2.78 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

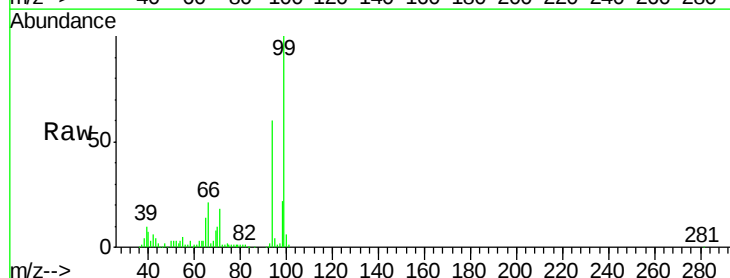
Tgt Ion: 94 Resp: 98061

Ion Ratio Lower Upper

94 100

65 23.2 14.0 54.0

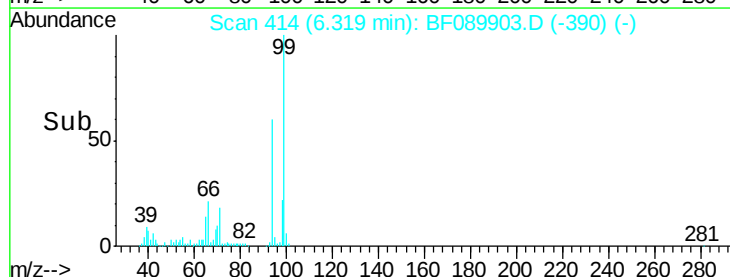
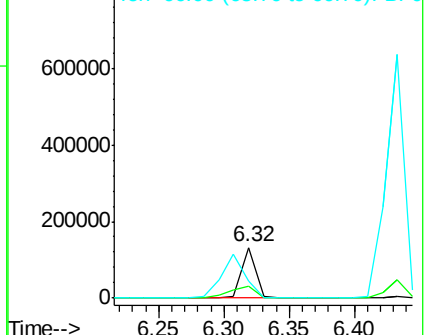
66 34.3 31.2 71.2

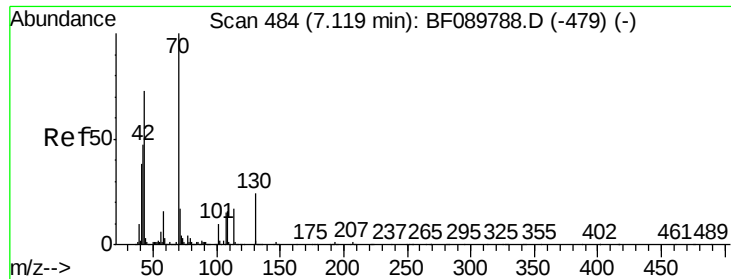


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

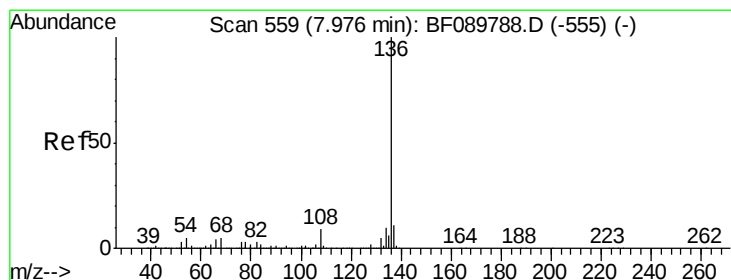
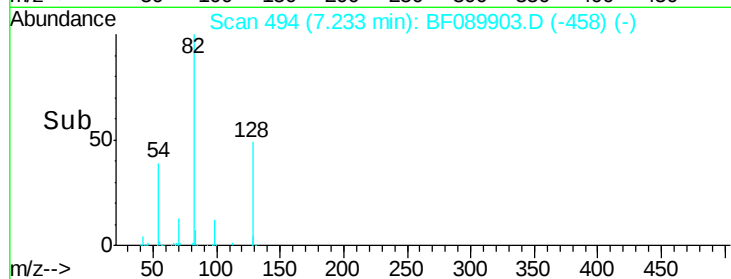
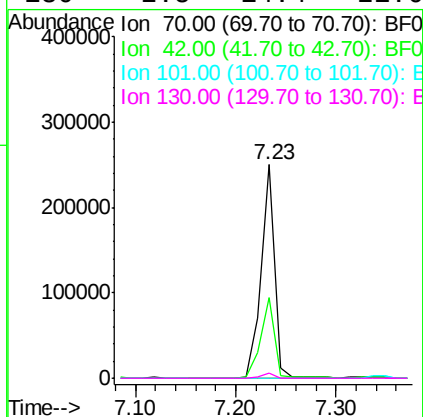
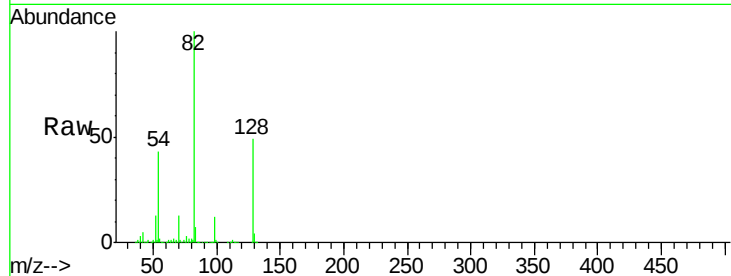




#19
n-Nitroso-di-n-propylamine
Concen: 12.08 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

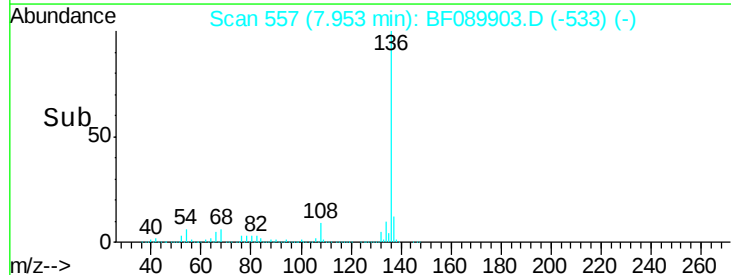
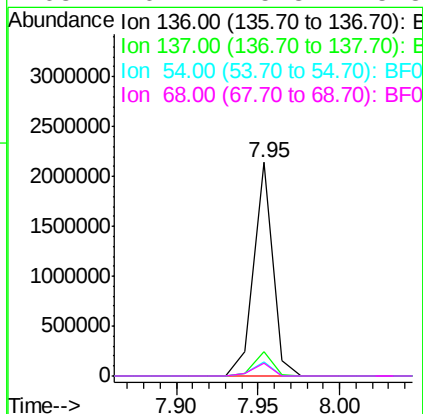
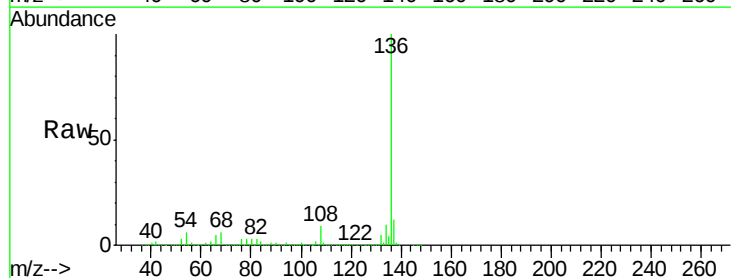
Instrument :
BNA_F
ClientSampleId :
WC2-S-5-02

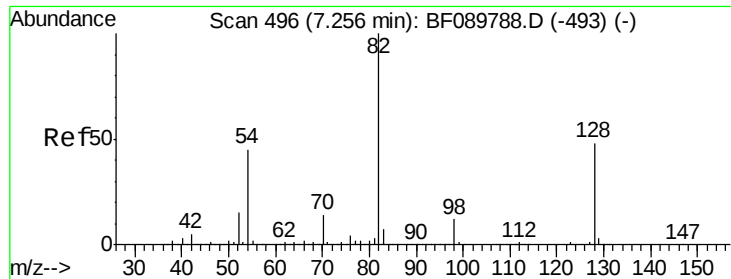
Tgt Ion:	70	Resp:	232354
Ion	Ratio	Lower	Upper
70	100		
42	37.6	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

Tgt Ion:	136	Resp:	1745939
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	6.4	7.2	10.8#
68	6.2	5.8	8.8

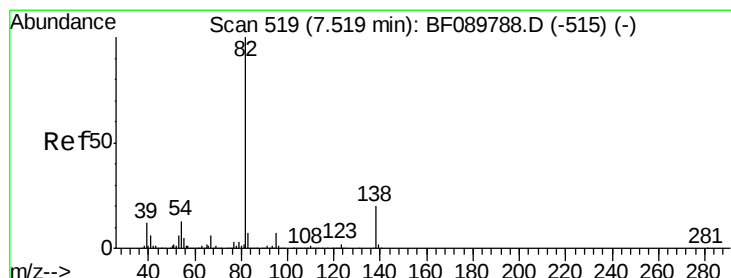
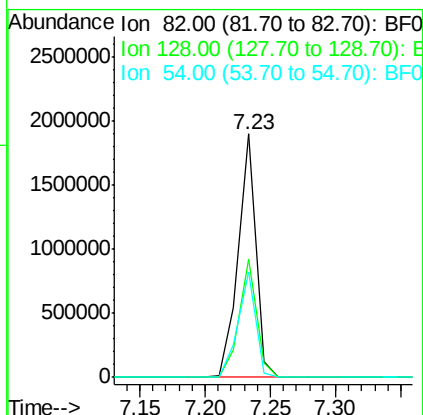
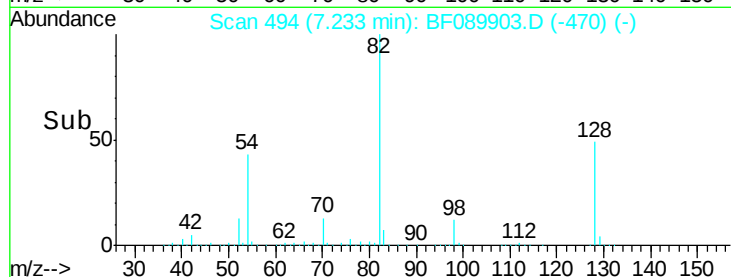
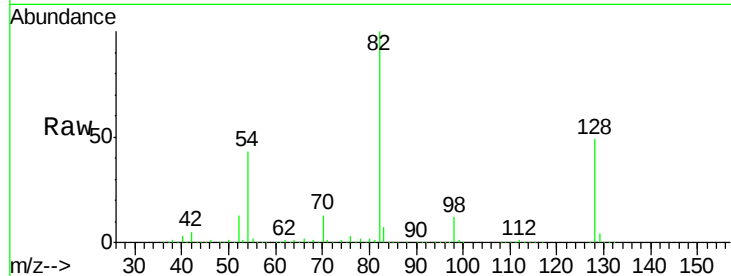




#23
 Nitrobenzene-d5
 Concen: 63.15 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089903.D
 Acq: 25 Aug 2016 5:32

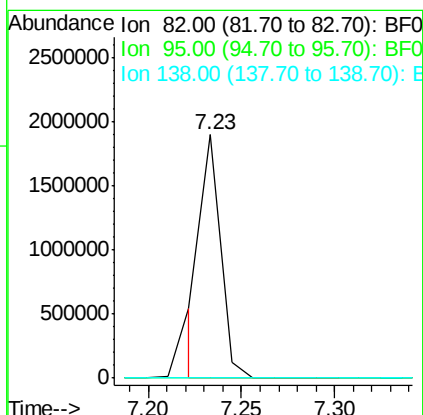
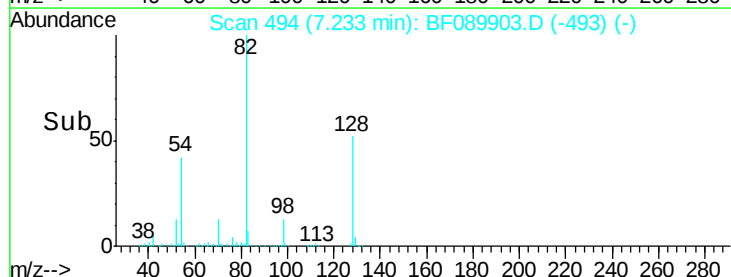
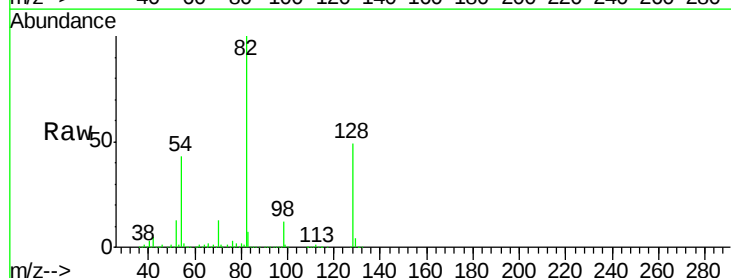
Instrument :
 BNA_F
 ClientSampleId :
 WC2-S-5-02

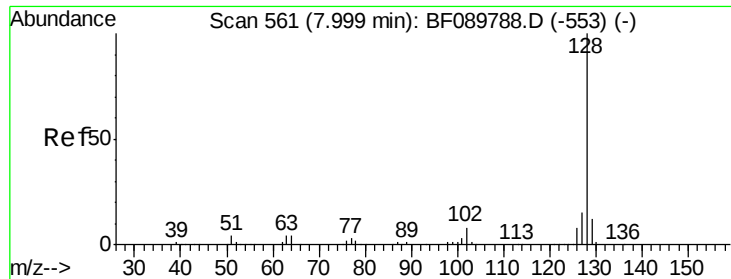
Tgt Ion: 82 Resp: 1774636
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.4 51.6
 54 43.5 40.3 60.5



#25
 Isophorone
 Concen: 24.49 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.29 min
 Lab File: BF089903.D
 Acq: 25 Aug 2016 5:32

Tgt Ion: 82 Resp: 1388030
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.0 19.4#

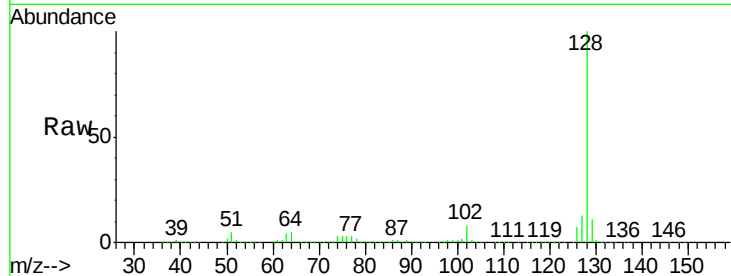




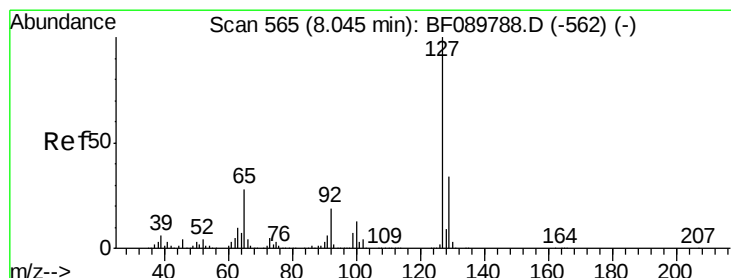
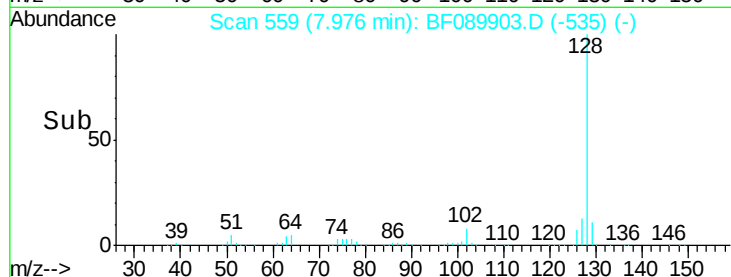
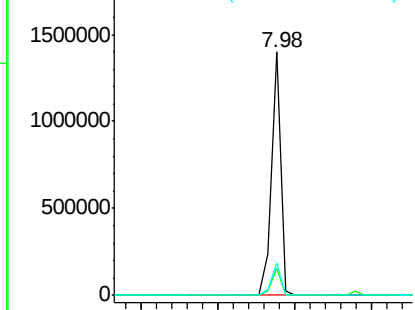
#31
Naphthalene
Concen: 14.12 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

Instrument :
BNA_F
ClientSampleId :
WC2-S-5-02

Tgt Ion:128 Resp: 1151808
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.1 11.3 16.9

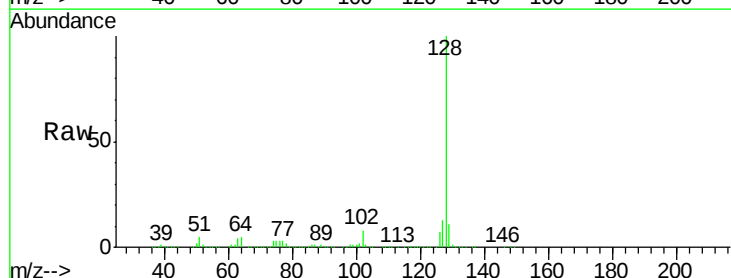


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

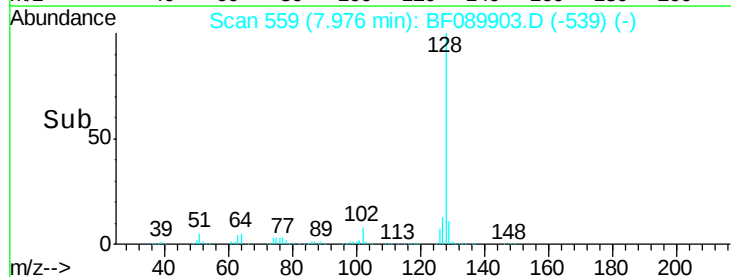
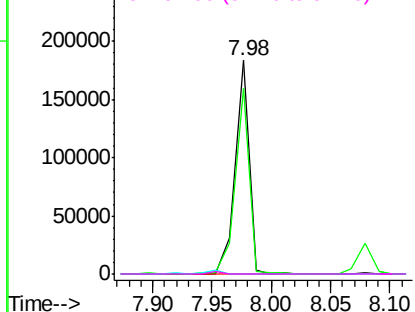


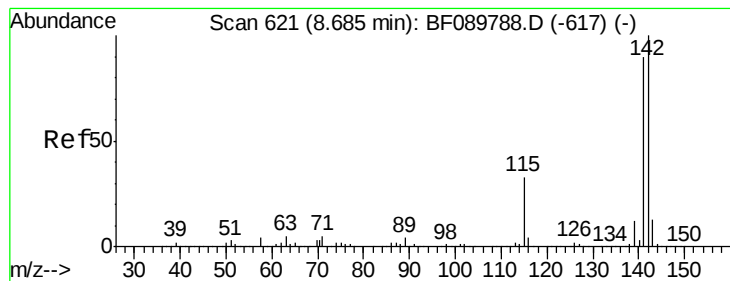
#33
4-Chloroaniline
Concen: 4.27 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.07 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

Tgt Ion:127 Resp: 151002
Ion Ratio Lower Upper
127 100
129 86.6 27.0 40.6#
65 0.0 14.7 22.1#
92 0.2 11.7 17.5#



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





#37

2-Methylnaphthalene

Concen: 5.03 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

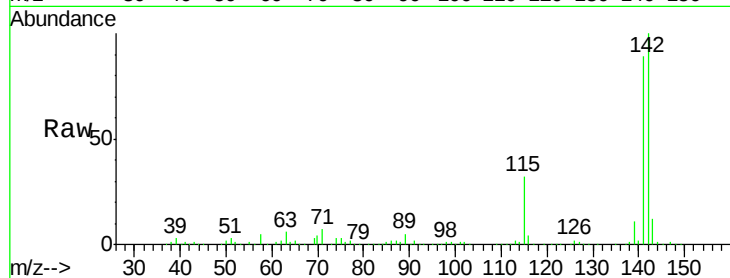
Tgt Ion:142 Resp: 265640

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

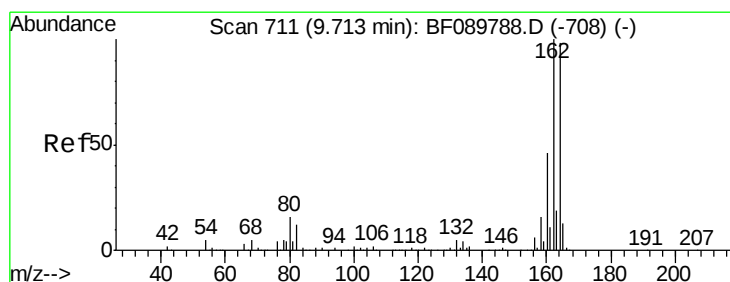
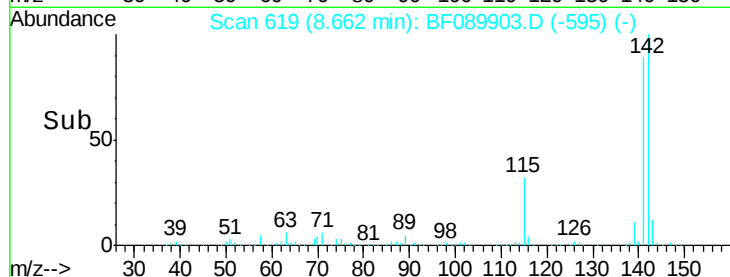
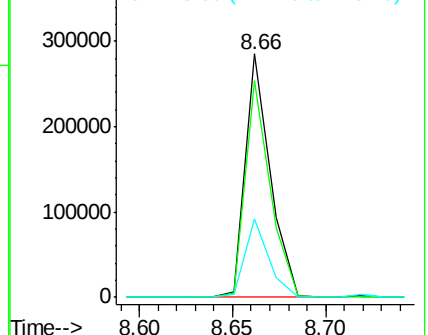
115 32.0 22.7 34.1



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: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

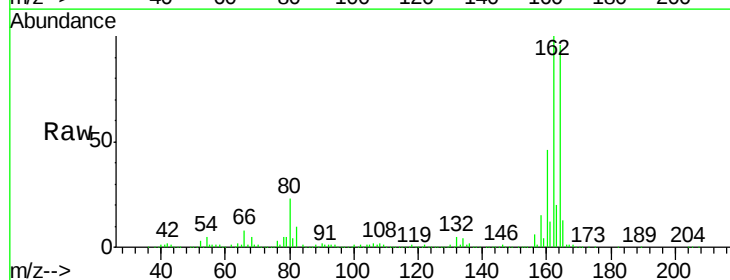
Tgt Ion:164 Resp: 771718

Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.2

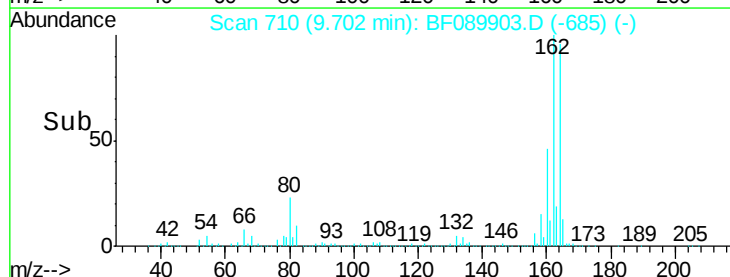
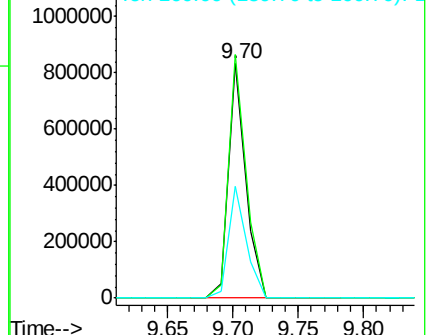
160 47.5 37.8 56.6

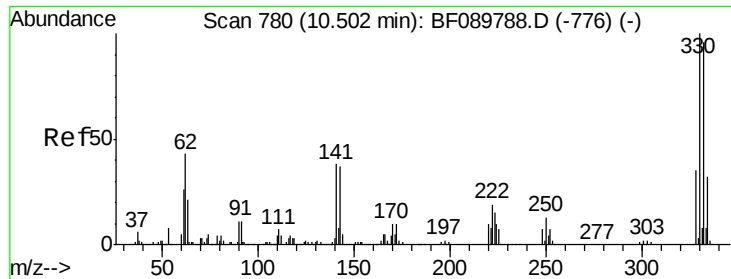


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

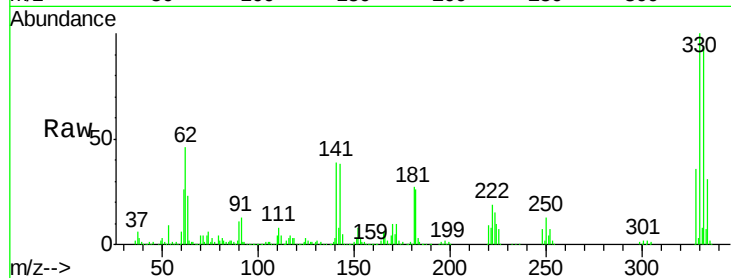




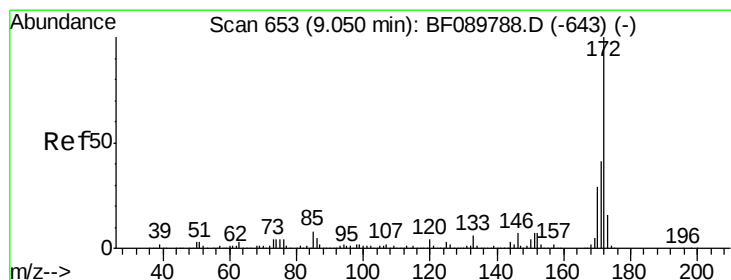
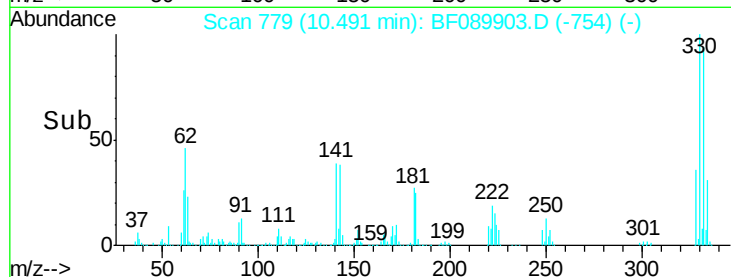
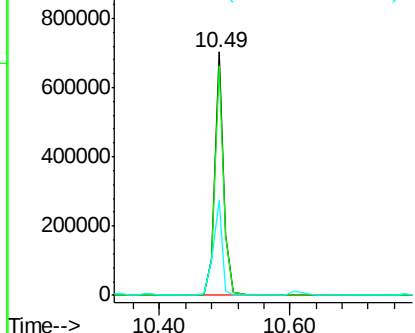
#41
 2,4,6-Tribromophenol
 Concen: 94.40 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089903.D
 Acq: 25 Aug 2016 5:32

Instrument :
 BNA_F
 ClientSampleId :
 WC2-S-5-02

Tgt Ion:330 Resp: 692321
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.7 115.1
 141 39.1 30.2 45.2

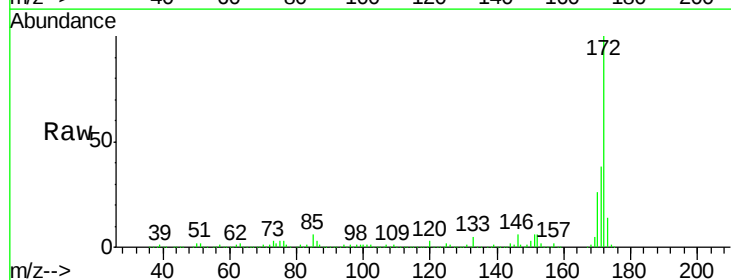


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

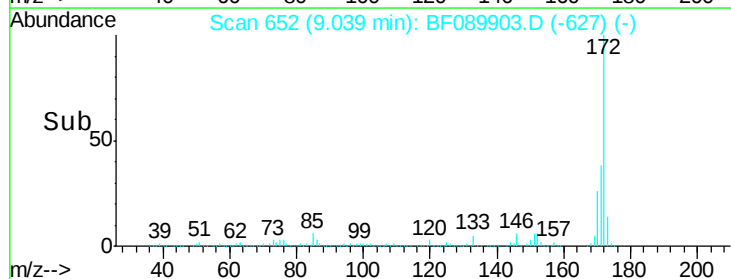
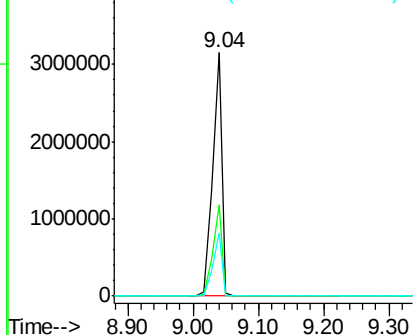


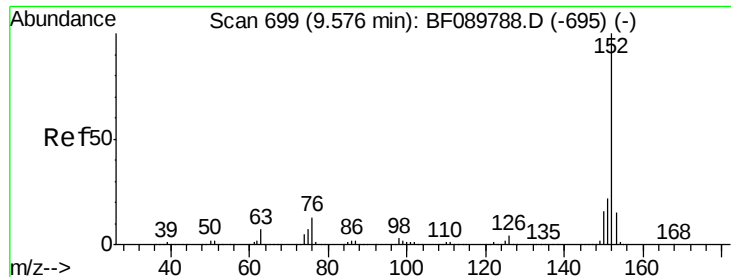
#44
 2-Fluorobiphenyl
 Concen: 71.97 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089903.D
 Acq: 25 Aug 2016 5:32

Tgt Ion:172 Resp: 3160303
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 25.7 20.6 31.0



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





#48

Acenaphthylene

Concen: 2.18 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

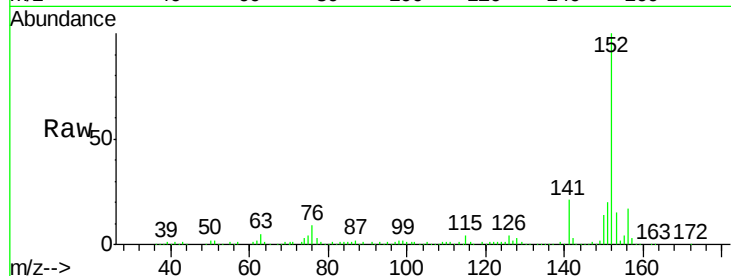
Tgt Ion:152 Resp: 154623

Ion Ratio Lower Upper

152 100

151 19.8 17.1 25.7

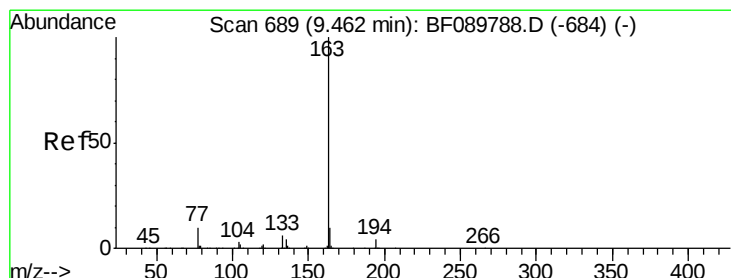
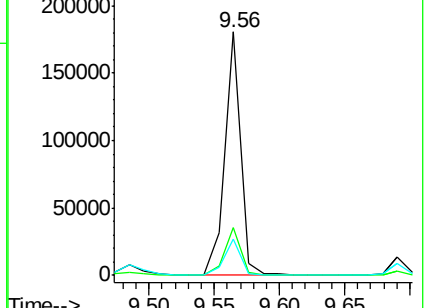
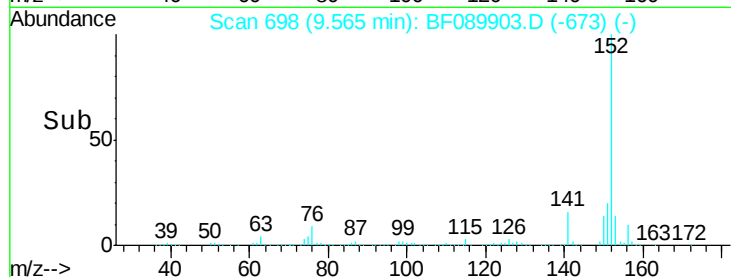
153 14.8 11.2 16.8



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: 20.51 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

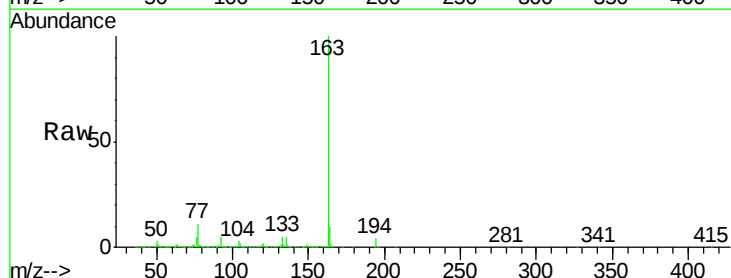
Tgt Ion:163 Resp: 1114317

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

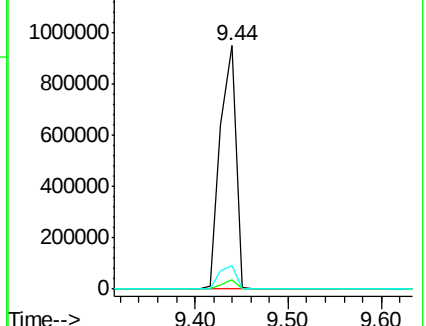
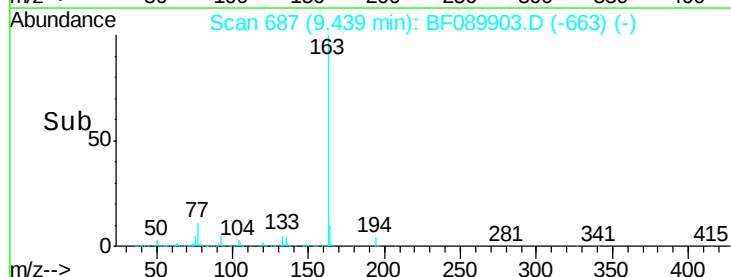
164 9.9 8.6 12.8

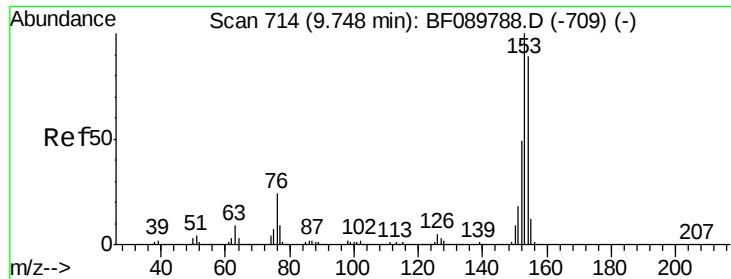


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 19.99 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

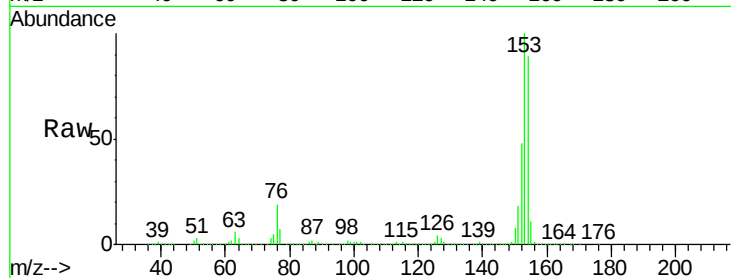
Tgt Ion:154 Resp: 938376

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

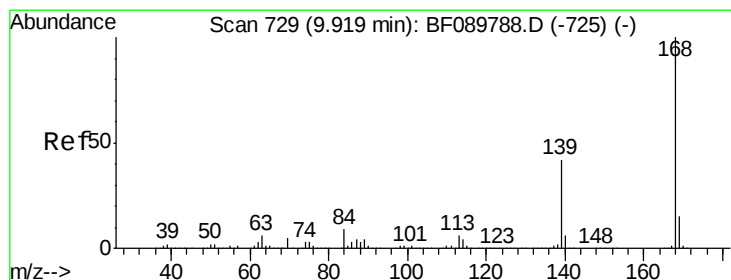
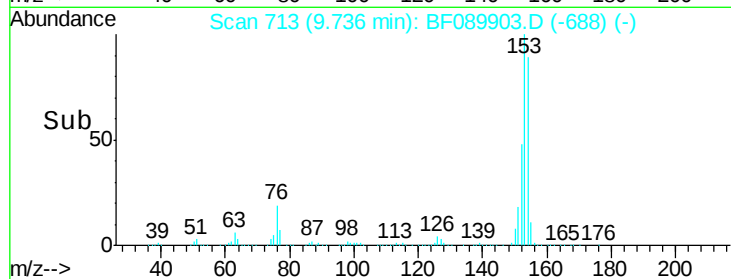
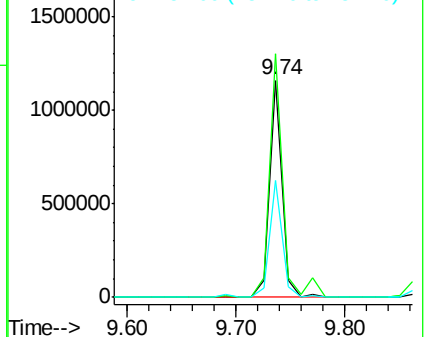
152 53.7 44.6 67.0



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



#54

Dibenzofuran

Concen: 13.04 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

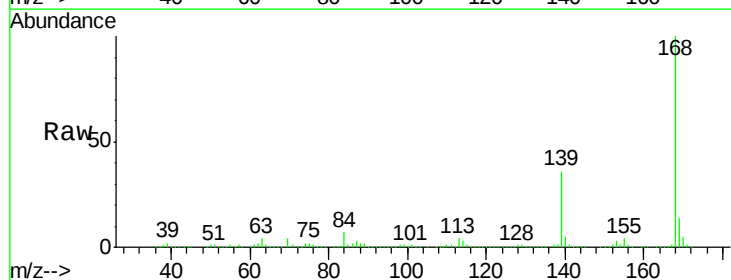
Tgt Ion:168 Resp: 769075

Ion Ratio Lower Upper

168 100

139 36.5 34.6 52.0

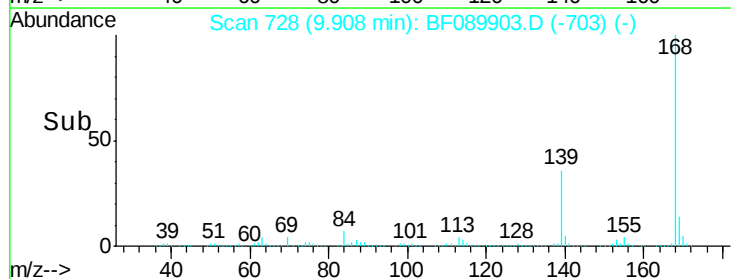
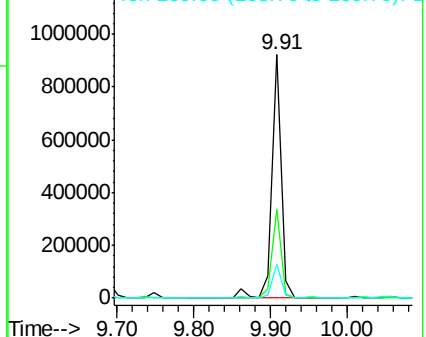
169 14.0 11.5 17.3

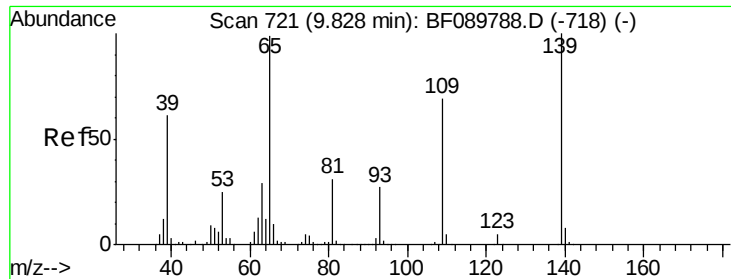


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

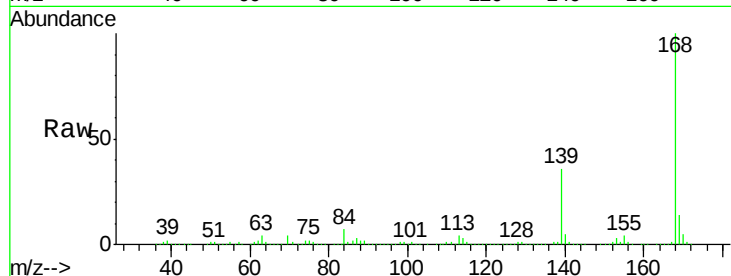




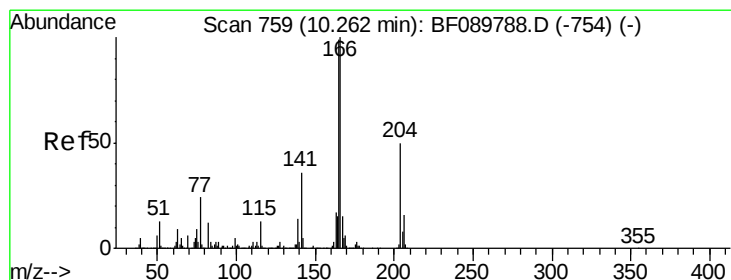
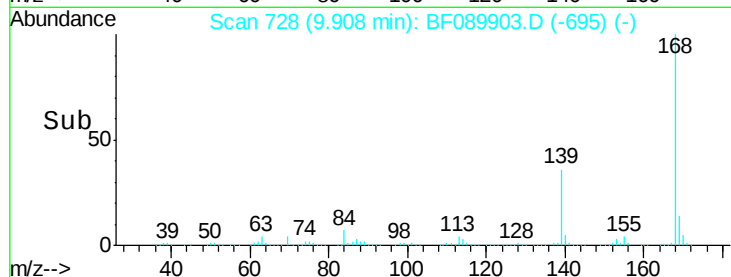
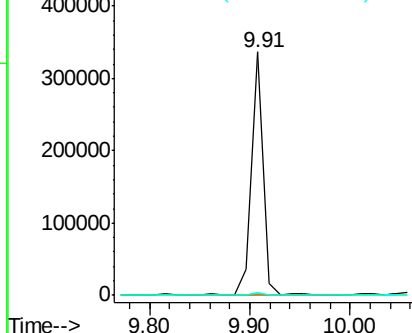
#55
4-Nitrophenol
Concen: 23.84 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.08 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

Instrument :
BNA_F
ClientSampleId :
WC2-S-5-02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.9	43.0	83.0#
65	1.4	55.7	95.7#

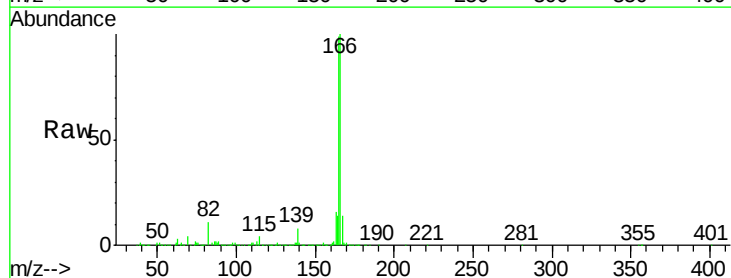


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

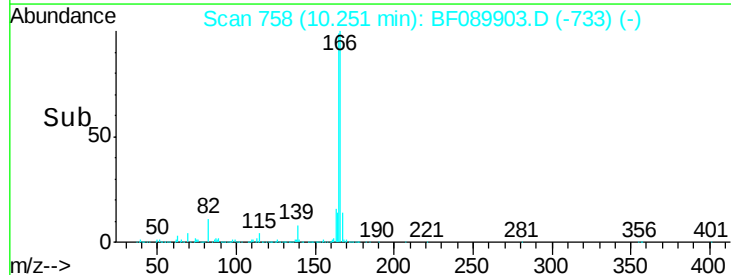
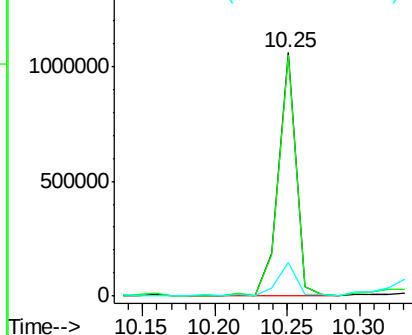


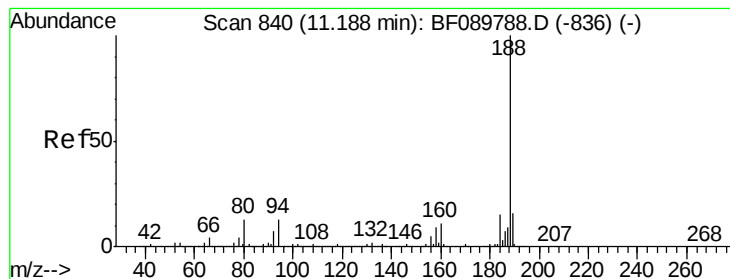
#57
Fluorene
Concen: 18.98 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.2	120.4
167	14.1	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

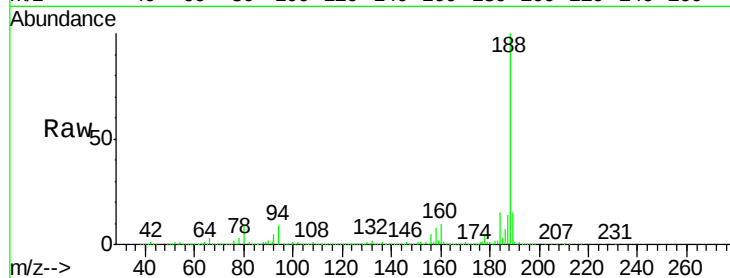
Tgt Ion:188 Resp: 1430248

Ion Ratio Lower Upper

188 100

94 9.3 10.2 15.2#

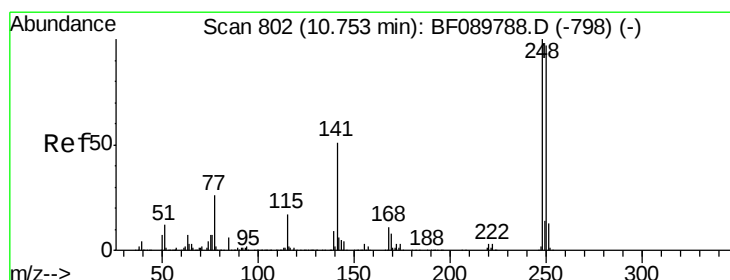
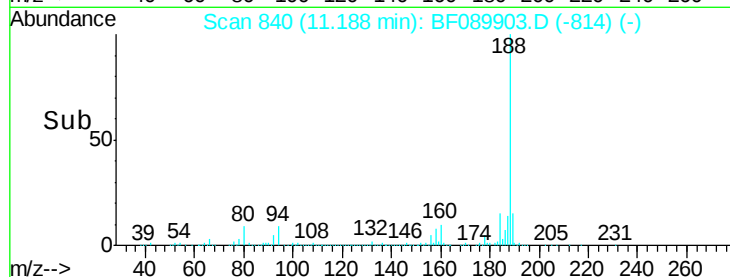
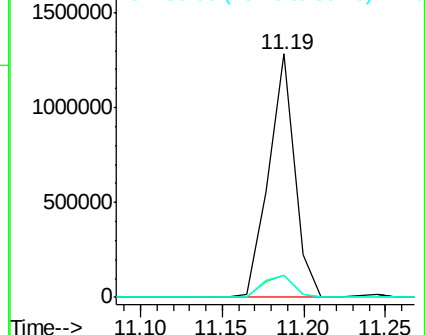
80 9.3 10.9 16.3#



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



#66

4-Bromophenyl-phenylether

Concen: 2.39 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.26 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

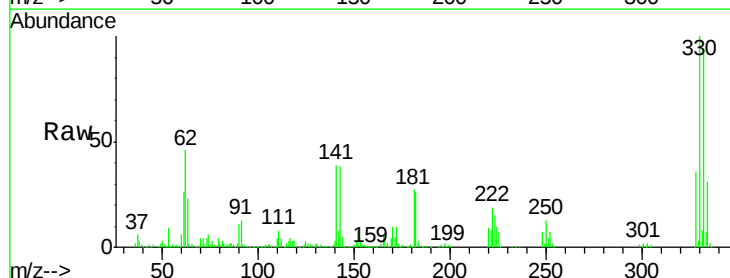
Tgt Ion:248 Resp: 35818

Ion Ratio Lower Upper

248 100

250 194.6 78.6 117.8#

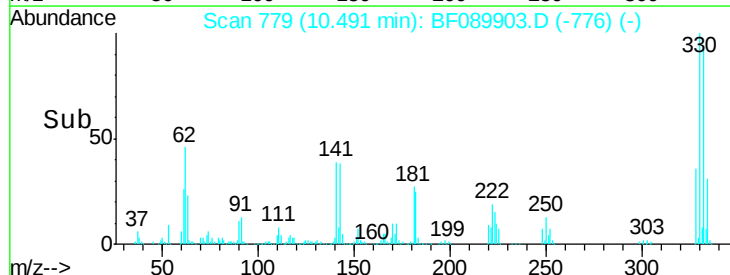
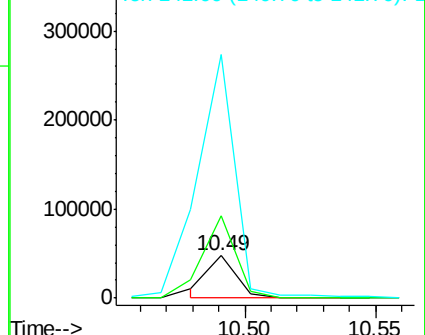
141 578.5 31.4 47.2#

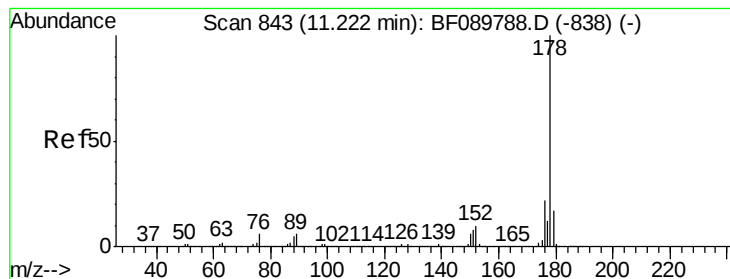


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 97.61 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

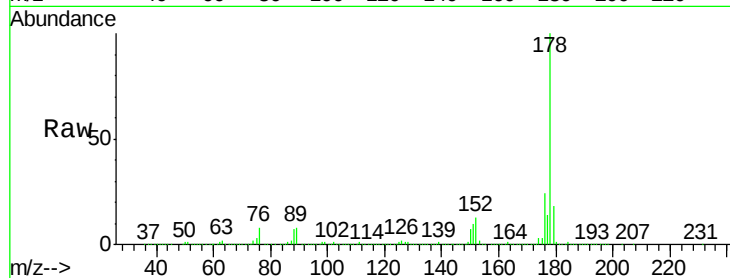
Tgt Ion:178 Resp: 7050838

Ion Ratio Lower Upper

178 100

176 24.4 16.4 24.6

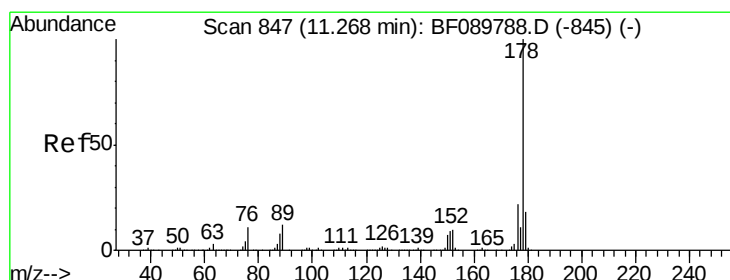
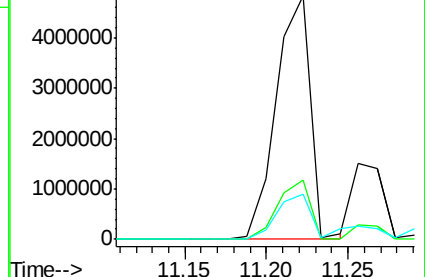
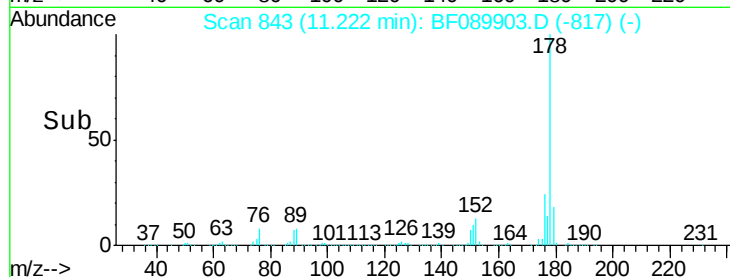
179 18.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 28.07 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

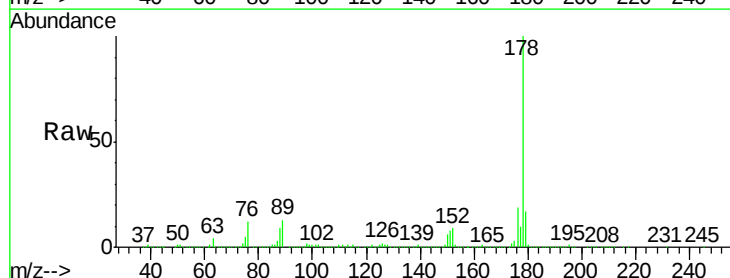
Tgt Ion:178 Resp: 2061377

Ion Ratio Lower Upper

178 100

176 19.2 16.4 24.6

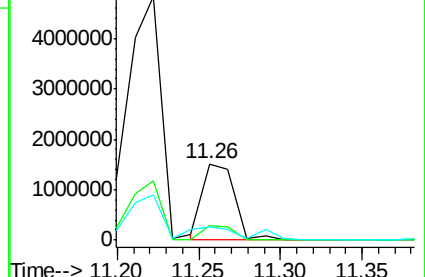
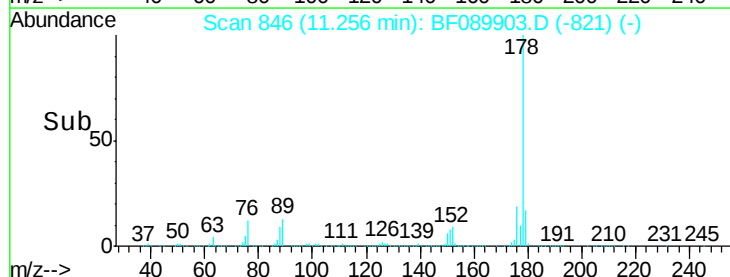
179 17.1 13.1 19.7

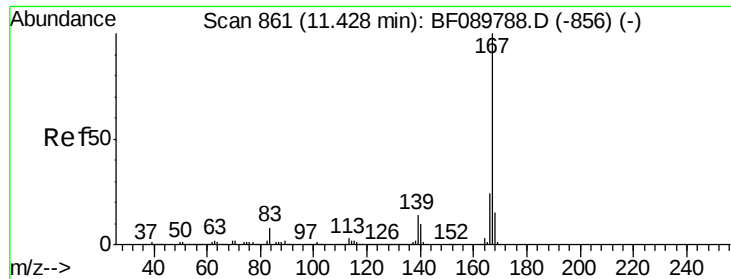


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 20.83 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

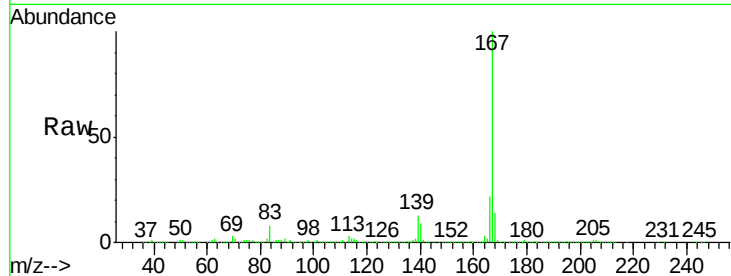
Tgt Ion:167 Resp: 1371715

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

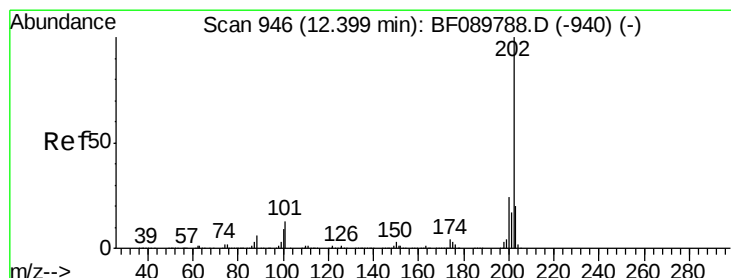
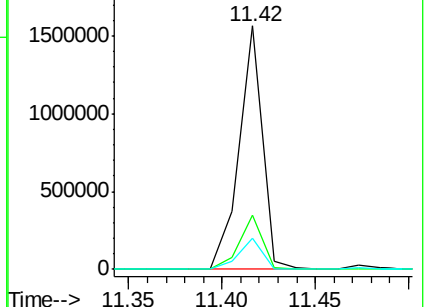
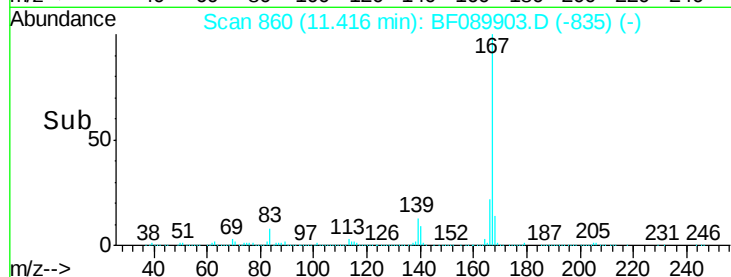
139 12.6 12.4 18.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 110.52 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

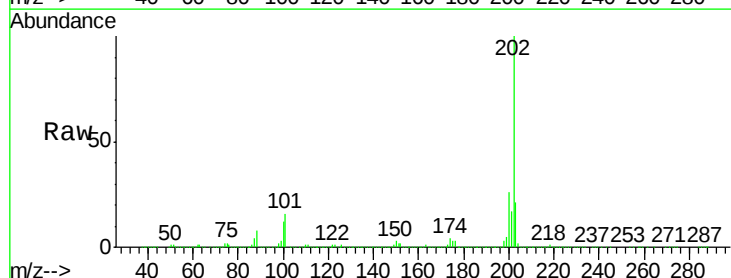
Tgt Ion:202 Resp: 7594046

Ion Ratio Lower Upper

202 100

101 16.0 0.0 31.2

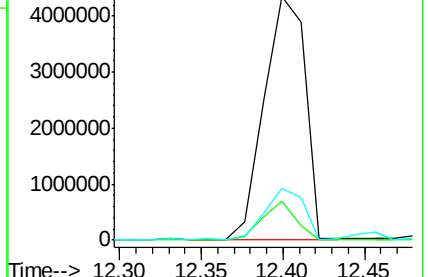
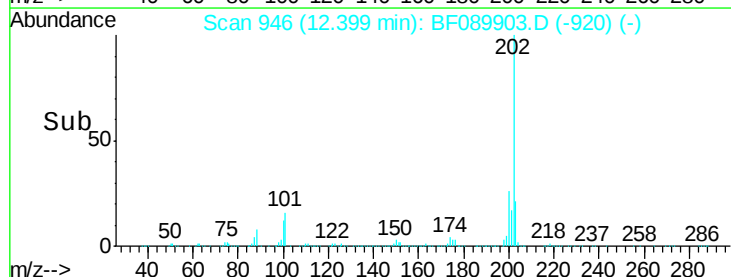
203 21.0 0.0 38.1

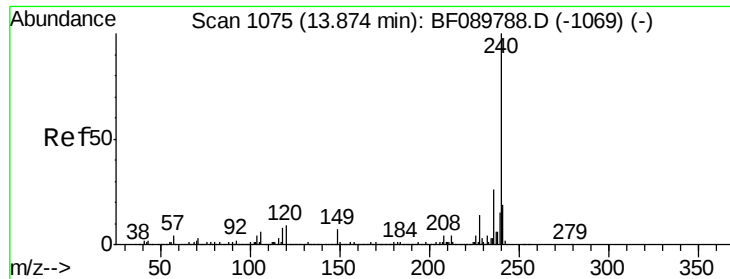


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

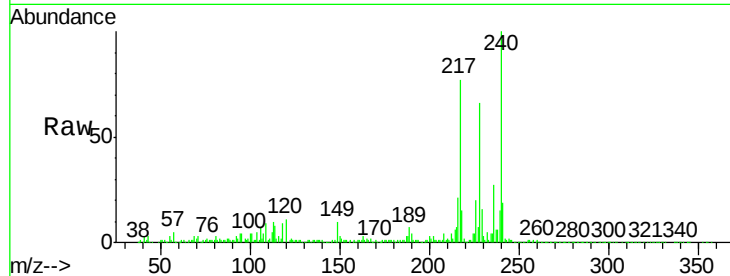
Tgt Ion:240 Resp: 818575

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

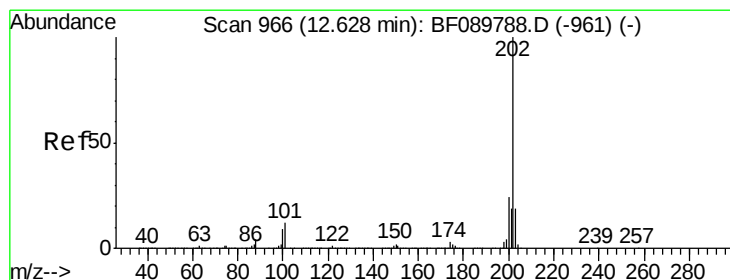
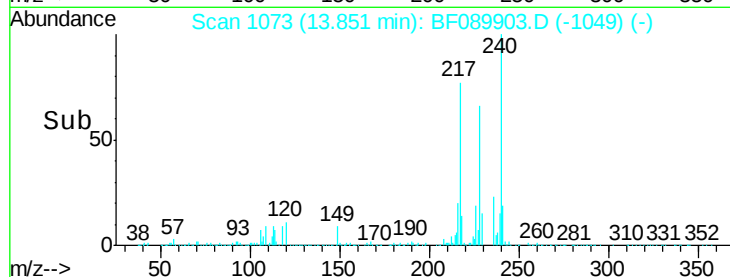
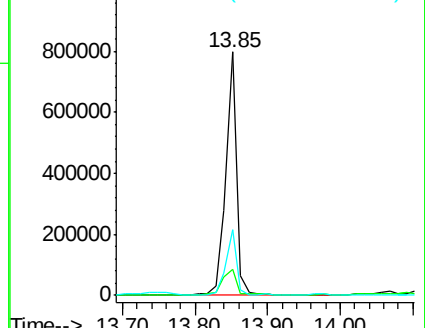
236 26.8 21.3 31.9



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: 113.93 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.23 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

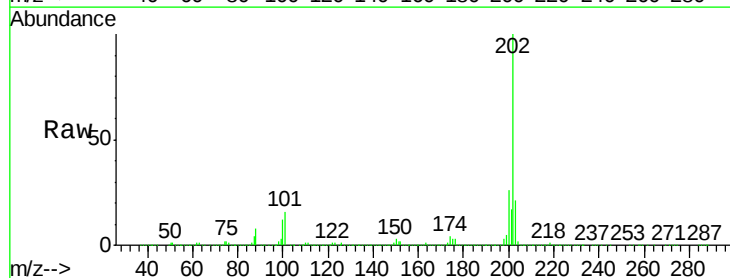
Tgt Ion:202 Resp: 7594046

Ion Ratio Lower Upper

202 100

200 25.5 17.8 26.6

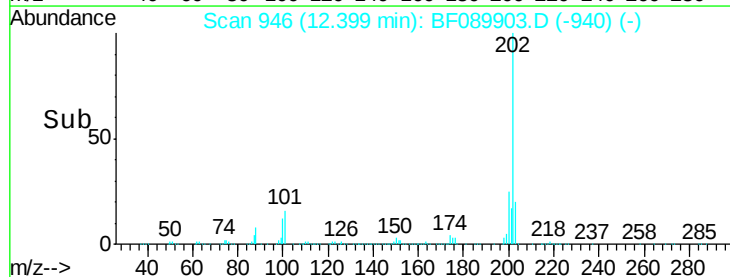
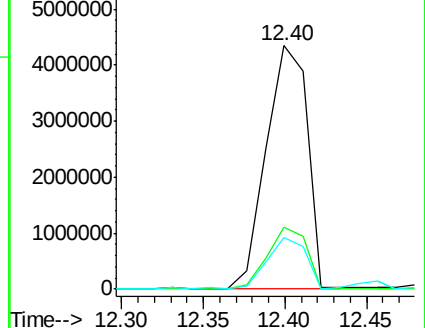
203 21.0 14.2 21.4

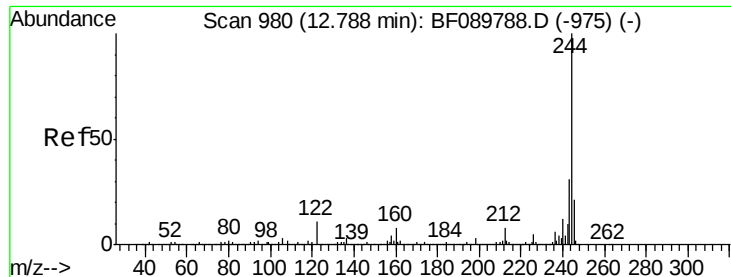


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 56.60 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

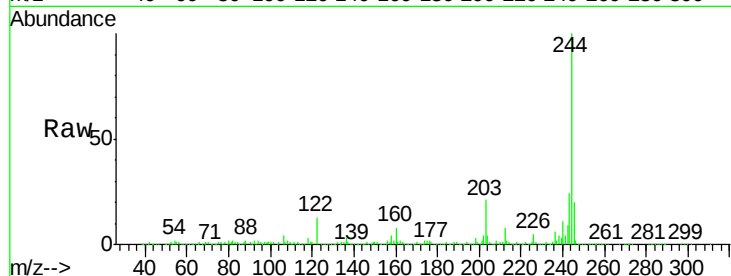
Tgt Ion:244 Resp: 2047802

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

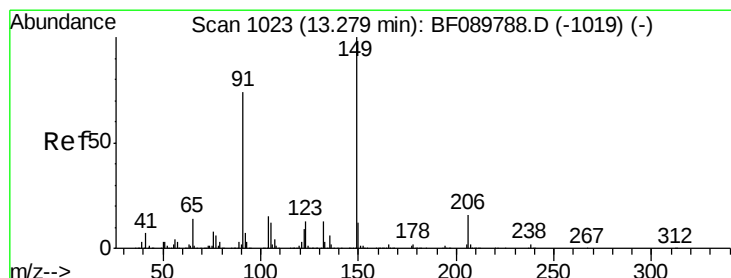
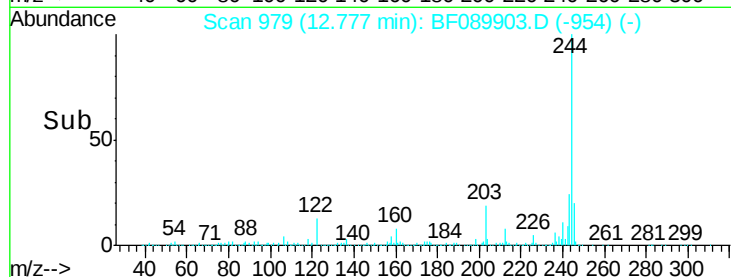
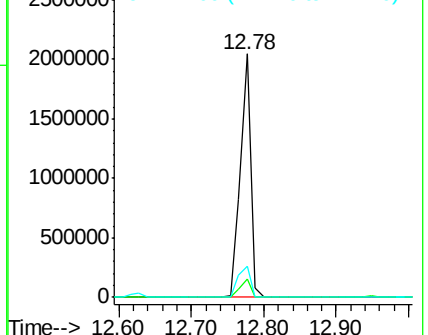
122 13.1 12.0 18.0



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



#79

Butylbenzylphthalate

Concen: 6.21 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

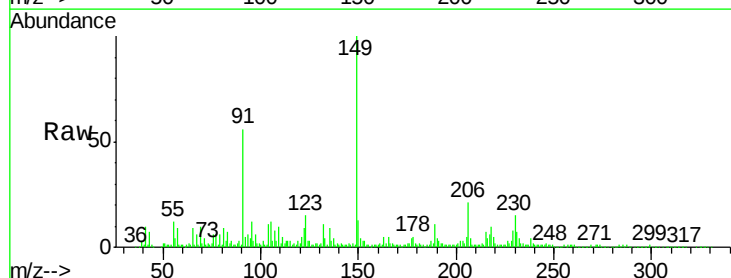
Tgt Ion:149 Resp: 187098

Ion Ratio Lower Upper

149 100

91 55.9 50.7 76.1

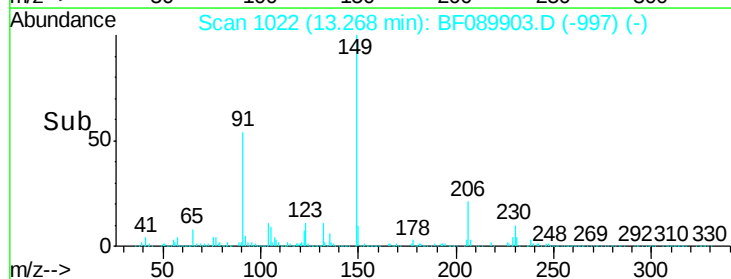
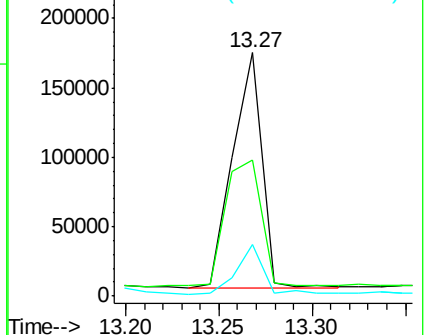
206 21.4 15.5 23.3

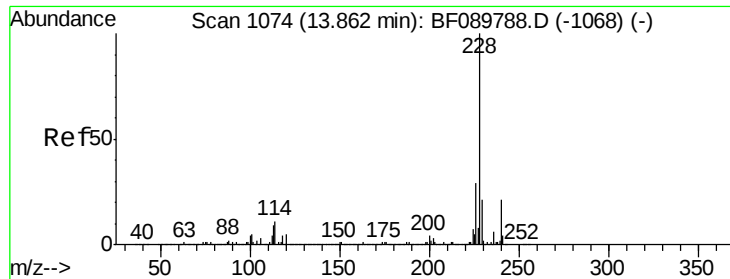


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 68.47 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

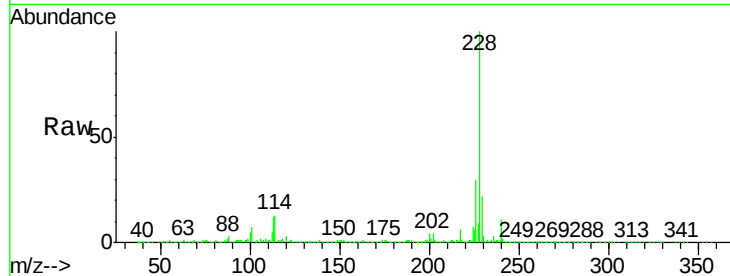
Tgt Ion:228 Resp: 3209915

Ion Ratio Lower Upper

228 100

226 29.9 23.2 34.8

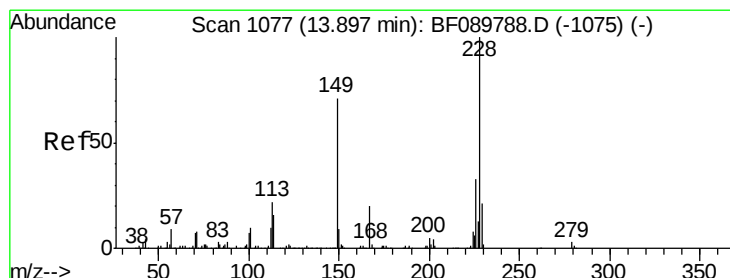
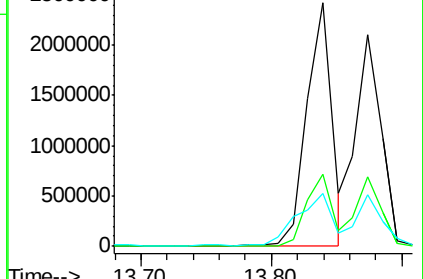
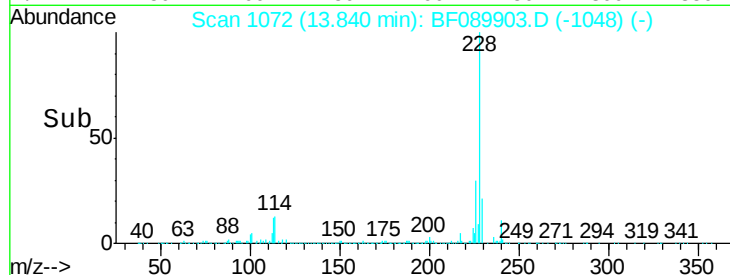
229 21.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 54.95 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

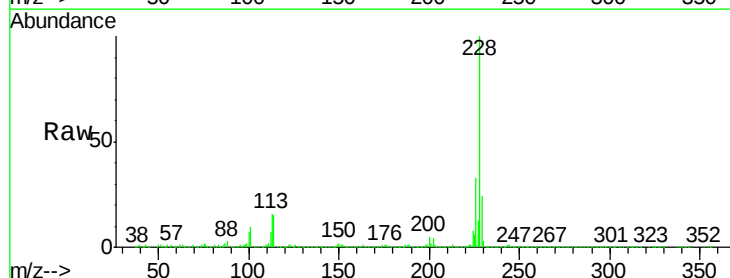
Tgt Ion:228 Resp: 2208647

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.0

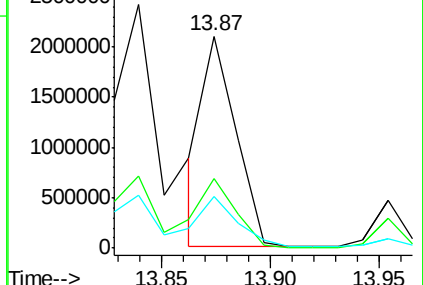
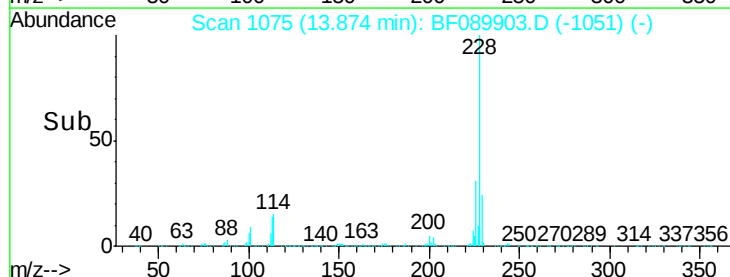
229 24.1 16.5 24.7

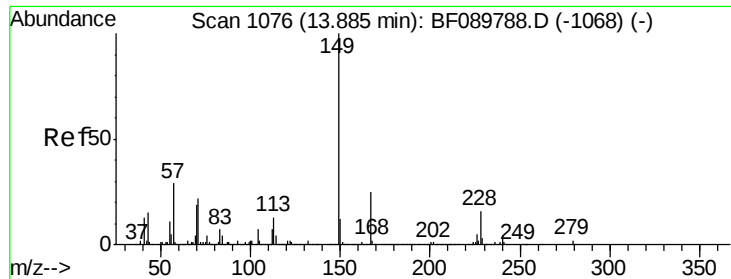


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

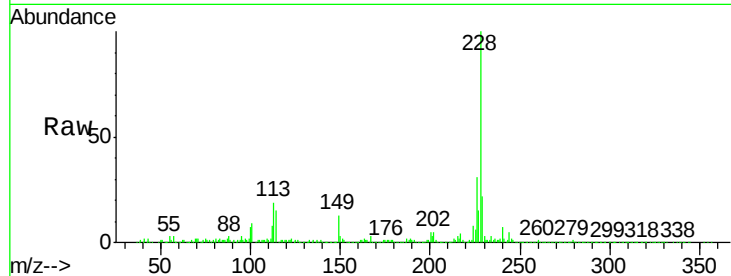




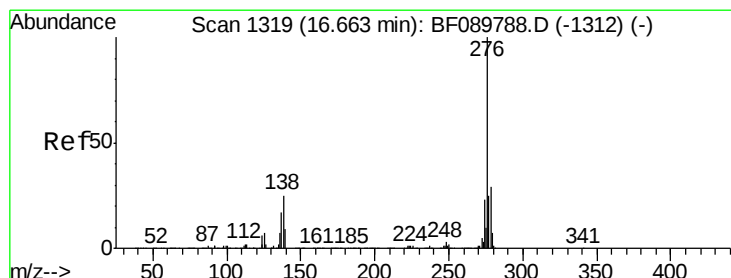
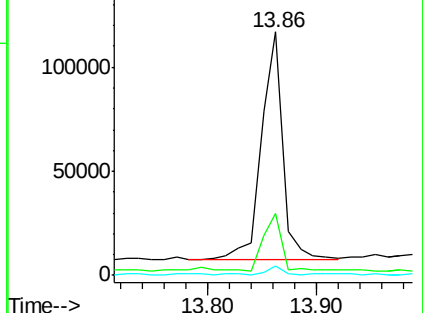
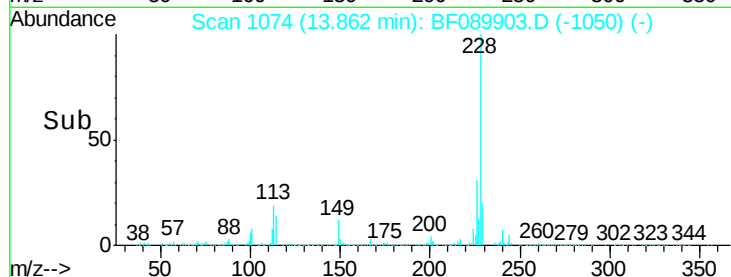
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.66 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF089903.D
 Acq: 25 Aug 2016 5:32

Instrument :
 BNA_F
 ClientSampleId :
 WC2-S-5-02

Tgt Ion:149 Resp: 151680
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.2 31.8
 279 3.9 2.9 4.3

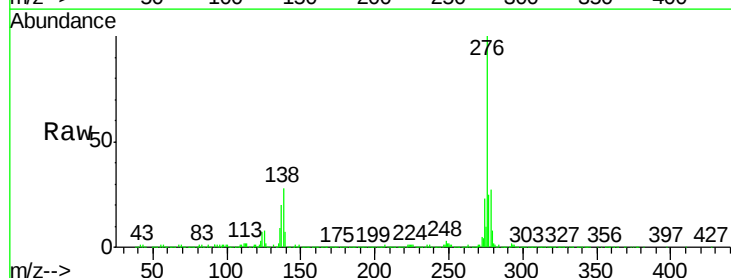


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

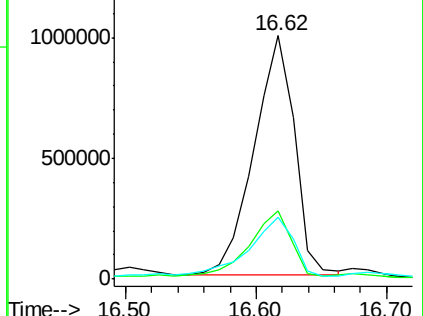
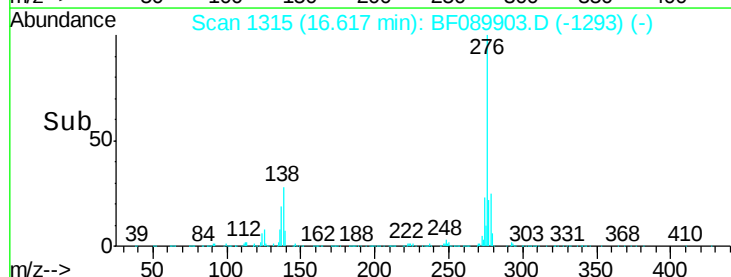


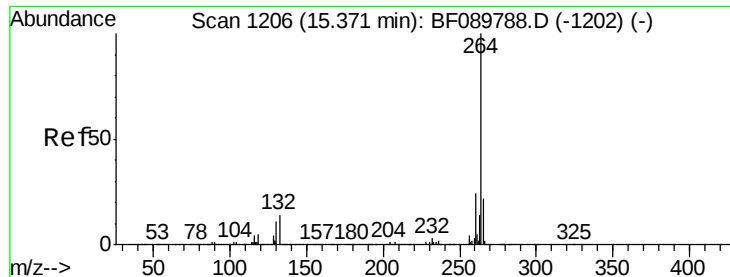
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.83 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. -0.05 min
 Lab File: BF089903.D
 Acq: 25 Aug 2016 5:32

Tgt Ion:276 Resp: 2144853
 Ion Ratio Lower Upper
 276 100
 138 30.8 24.6 36.8
 277 30.7 20.4 30.6#



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



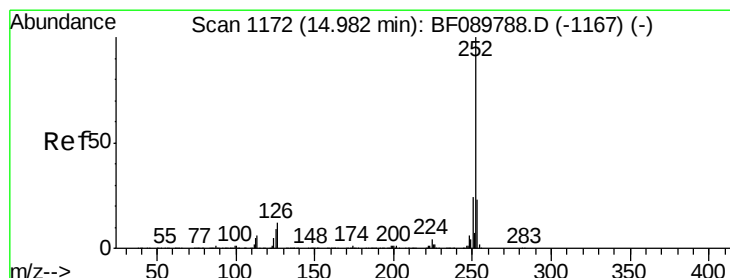
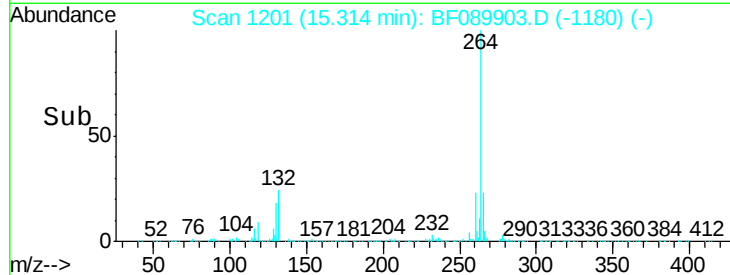
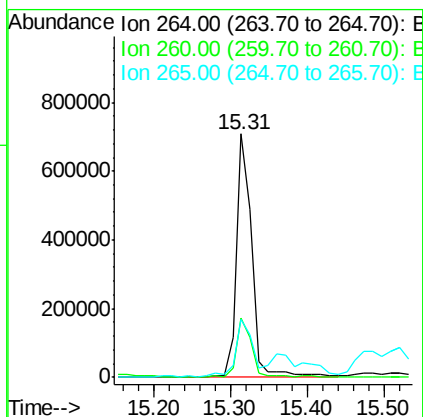
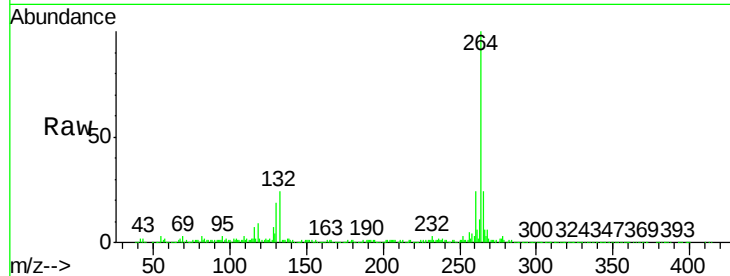


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.06 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

Instrument :
BNA_F
ClientSampleId :
WC2-S-5-02

Tgt Ion: 264 Resp: 987113

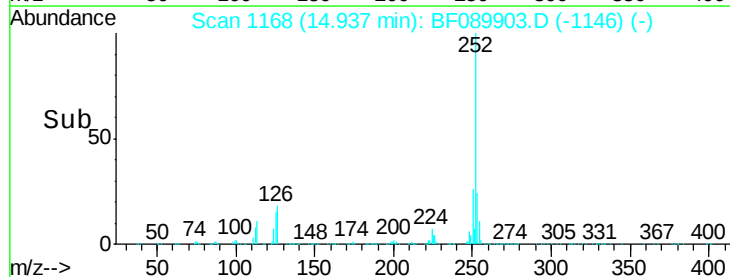
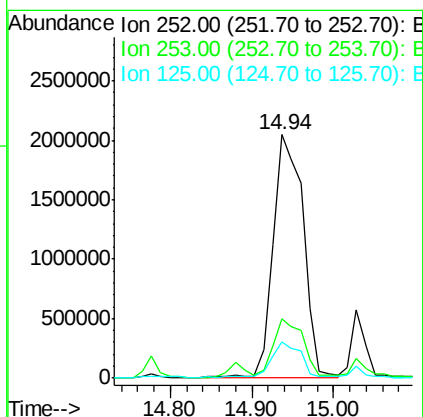
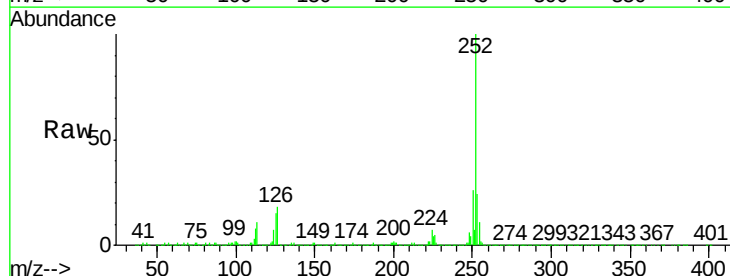
Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	23.7	17.4	26.2

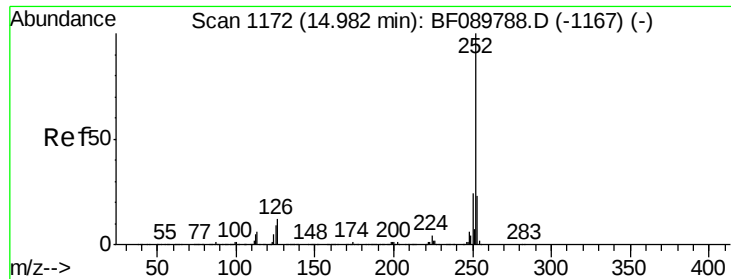


#87
Benzo(b)fluoranthene
Concen: 95.76 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

Tgt Ion: 252 Resp: 5199878

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	15.0	11.4	17.2

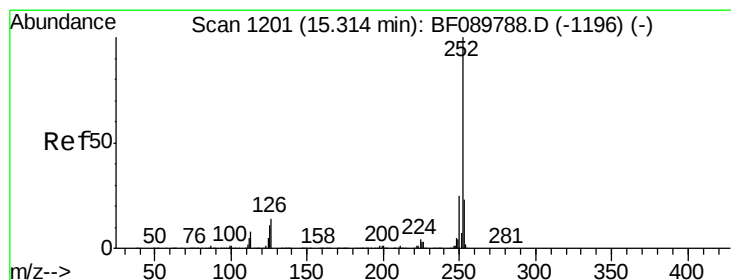
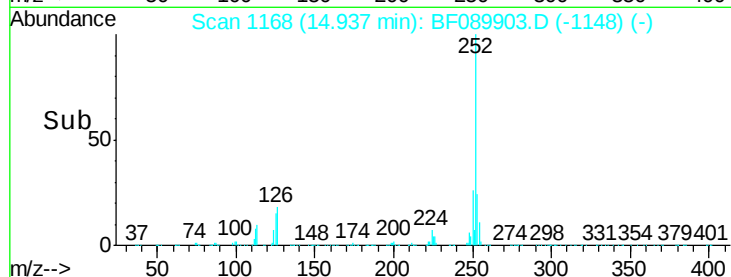
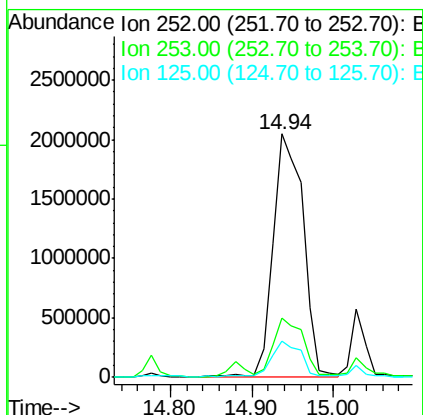
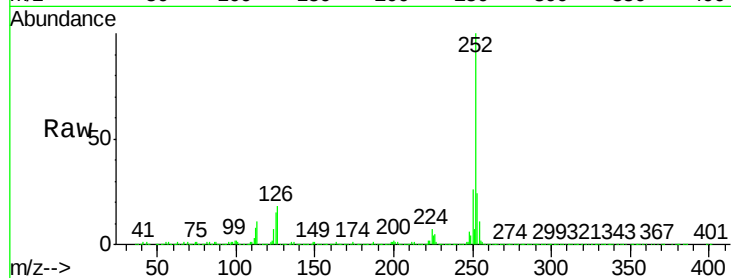




#88
Benzo(k)fluoranthene
Concen: 105.54 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

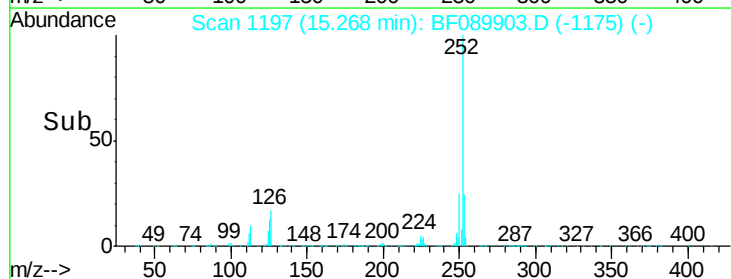
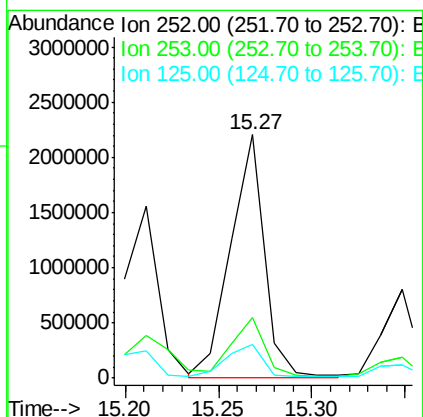
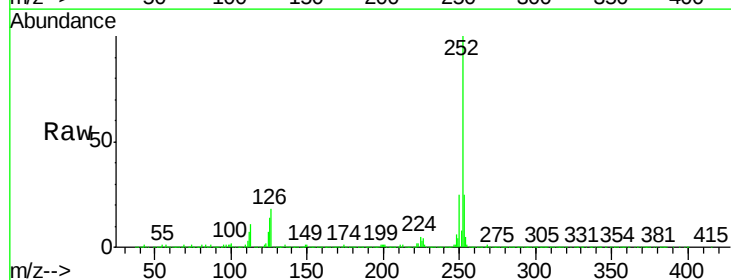
Instrument :
BNA_F
ClientSampleId :
WC2-S-5-02

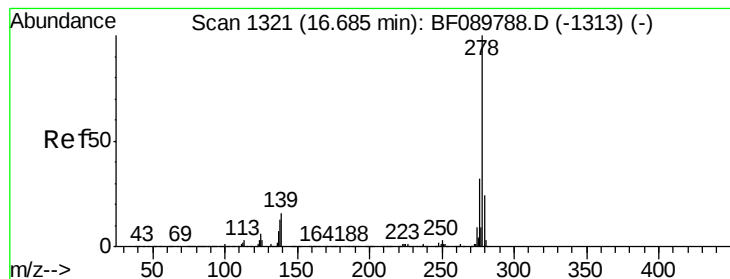
Tgt Ion:252 Resp: 5199878
Ion Ratio Lower Upper
252 100
253 24.4 18.4 27.6
125 15.0 9.8 14.6#



#89
Benzo(a)pyrene
Concen: 54.06 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.05 min
Lab File: BF089903.D
Acq: 25 Aug 2016 5:32

Tgt Ion:252 Resp: 2778711
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.8
125 13.7 11.7 17.5





#90

Dibenzo(a,h)anthracene

Concen: 10.12 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.06 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

Instrument :

BNA_F

ClientSampleId :

WC2-S-5-02

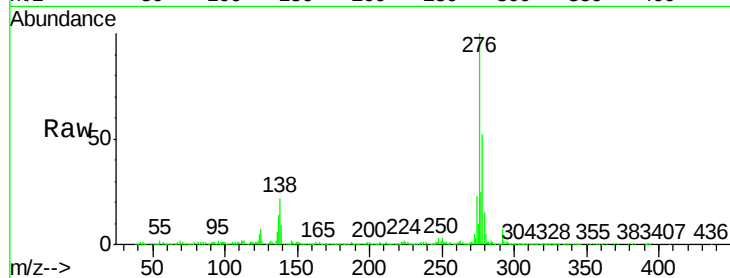
Tgt Ion:278 Resp: 564380

Ion Ratio Lower Upper

278 100

139 17.7 14.9 22.3

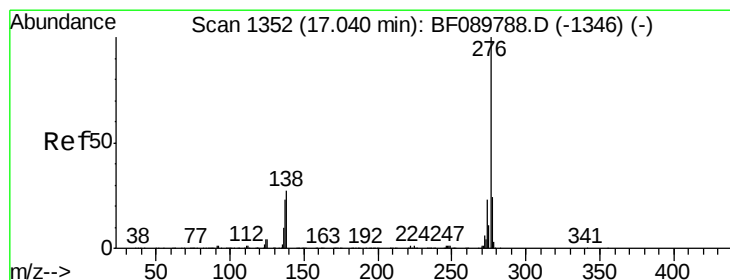
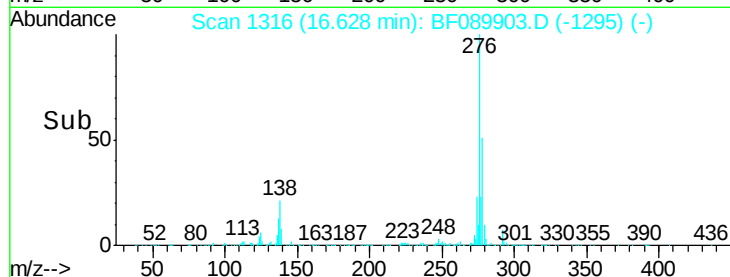
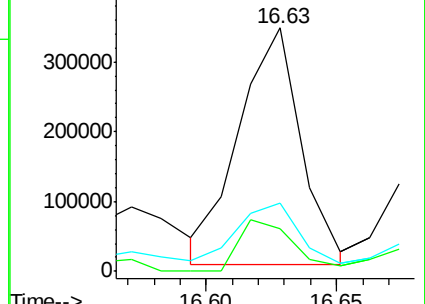
279 28.1 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 34.75 ng

RT: 17.01 min Scan# 1349

Delta R.T. -0.03 min

Lab File: BF089903.D

Acq: 25 Aug 2016 5:32

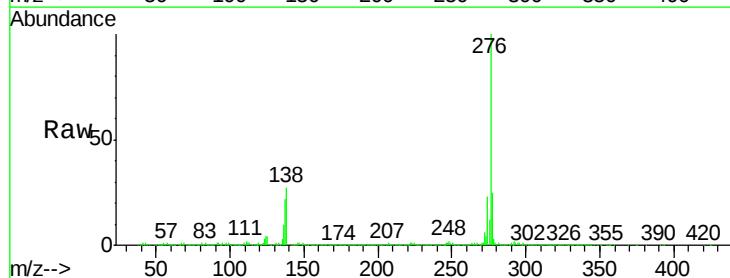
Tgt Ion:276 Resp: 2041607

Ion Ratio Lower Upper

276 100

277 25.1 19.2 28.8

138 26.6 22.1 33.1



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

