

Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

Quant Time: Sep 07 01:45:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	318920	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1234086	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	614139	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	1082784	20.00	ng	0.00
75) Chrysene-d12	13.87	240	658031	20.00	ng	0.00
86) Perylene-d12	15.27	264	740049	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1151800	59.83	ng	0.00
7) Phenol-d6	6.37	99	1542754	62.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	966738	49.02	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	382201	65.19	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1741980	48.39	ng	0.00
78) Terphenyl-d14	12.82	244	1390509	49.28	ng	0.00

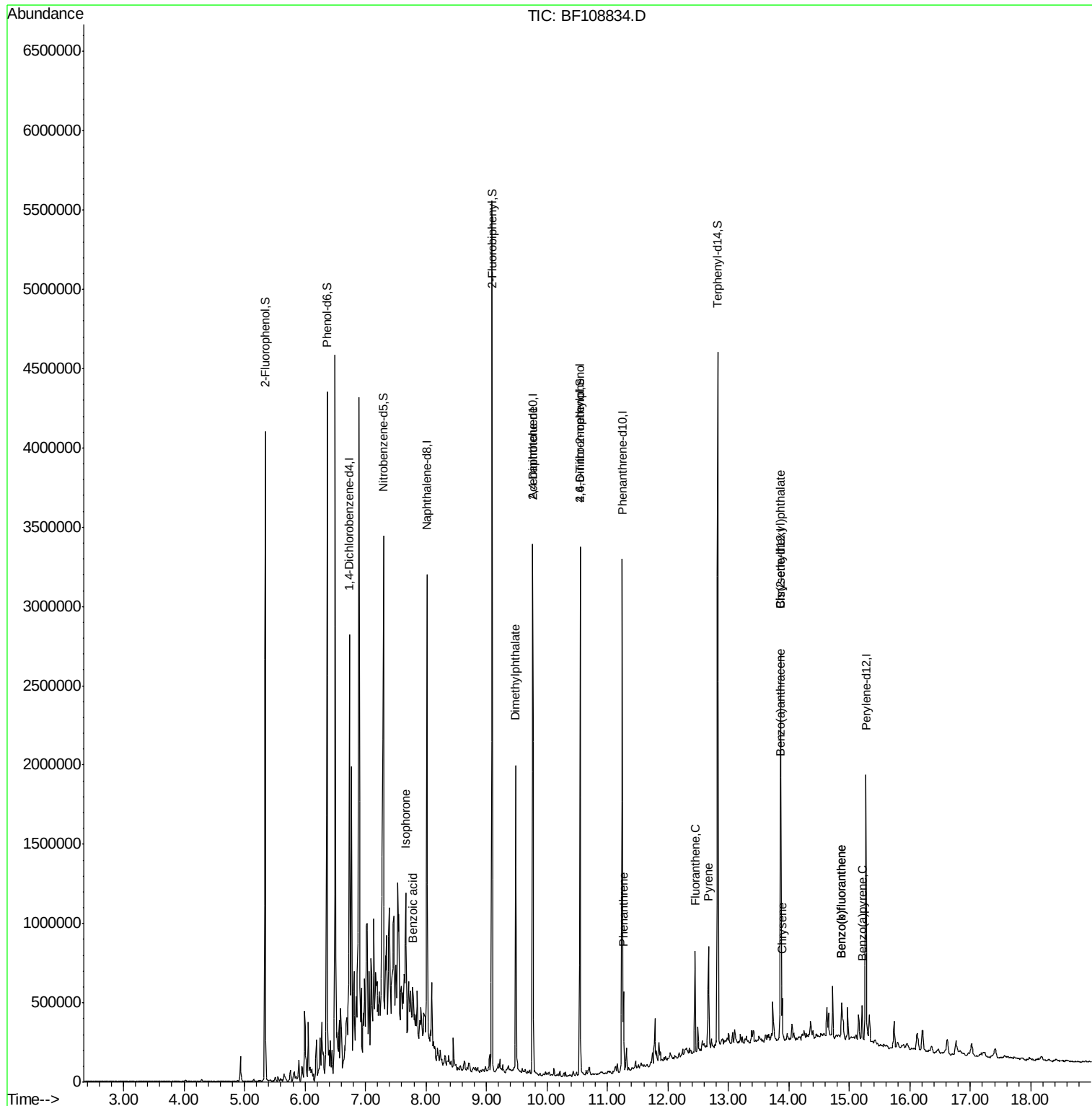
Target Compounds				Qvalue		
25) Isophorone	7.67	82	86187	2.191	ng	# 1
32) Benzoic acid	7.79	122	1533	4.162	ng	# 1
49) Dimethylphthalate	9.48	163	712616	16.590	ng	99
56) 2,4-Dinitrotoluene	9.77	165	80254	7.667	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	839	7.037	ng	# 1
70) Phenanthrene	11.27	178	161851	3.130	ng	98
74) Fluoranthene	12.45	202	238593	4.660	ng	97
77) Pyrene	12.67	202	228836	4.519	ng	99
80) Benzo(a)anthracene	13.85	228	99880	2.368	ng	98
82) Chrysene	13.89	228	88616	2.170	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	100640	3.512	ng	# 99
87) Benzo(b)fluoranthene	14.87	252	157714	3.919	ng	# 96
88) Benzo(k)fluoranthene	14.87	252	157714	4.256	ng	96
89) Benzo(a)pyrene	15.21	252	95716	2.636	ng	94

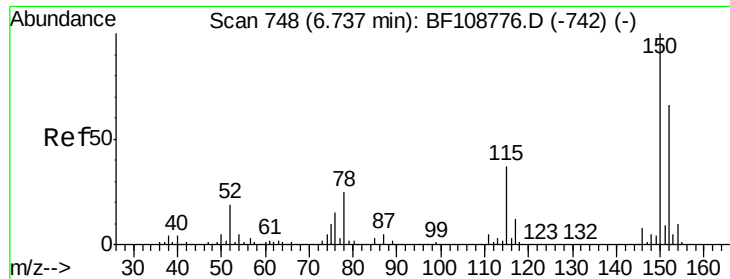
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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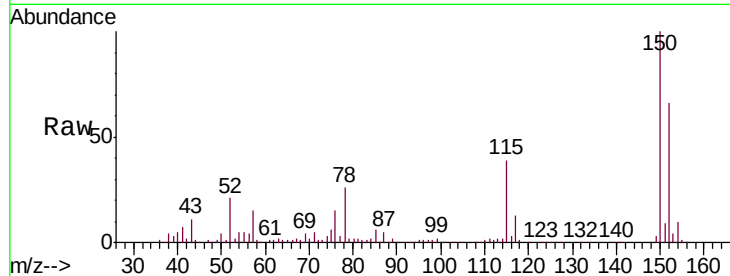




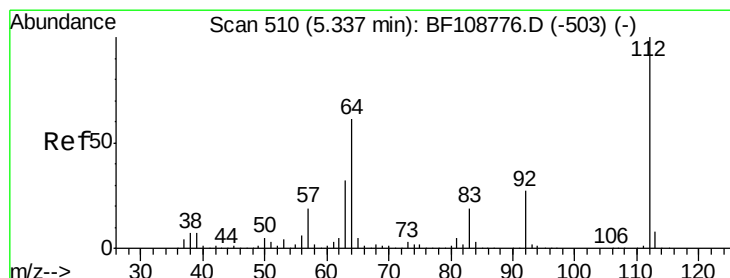
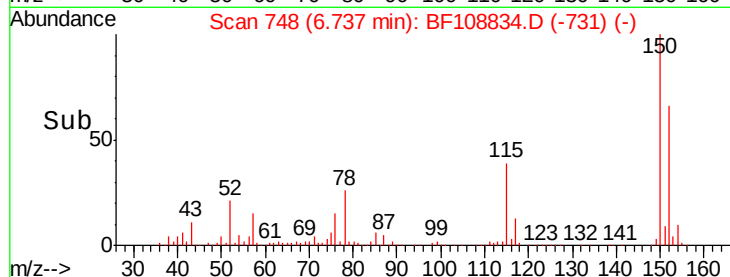
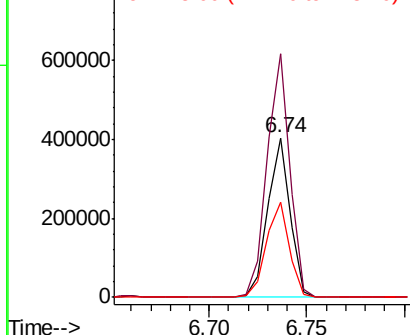
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108834.D
 Acq: 6 Sep 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

Tgt Ion:152 Resp: 318920
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.6 186.8
 115 59.7 50.1 75.1

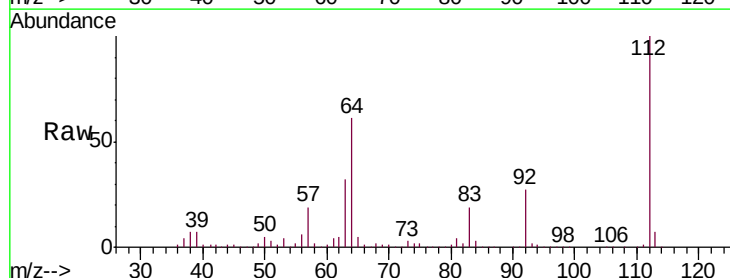


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

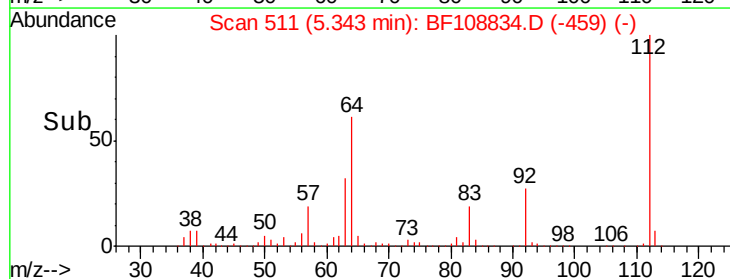
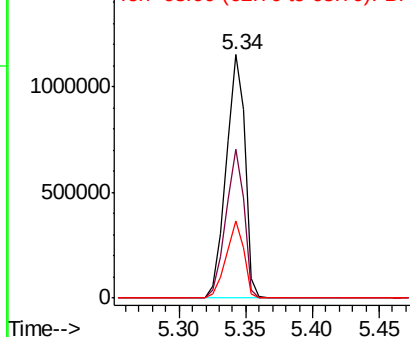


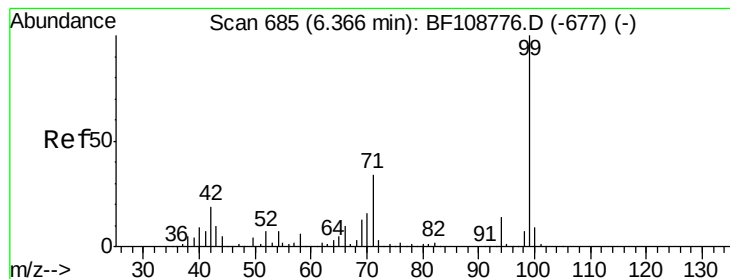
#5
 2-Fluorophenol
 Concen: 59.832 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108834.D
 Acq: 6 Sep 2018 20:15

Tgt Ion:112 Resp: 1151800
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.9 71.9
 63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 62.286 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G5

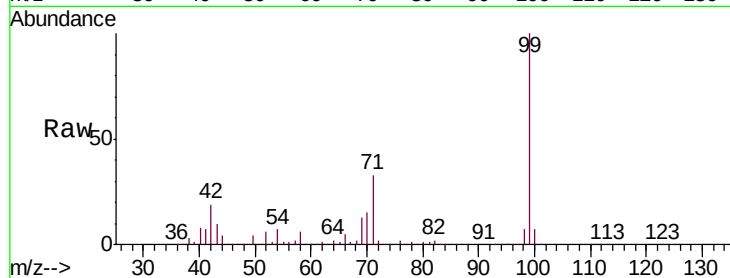
Tgt Ion: 99 Resp: 1542754

Ion Ratio Lower Upper

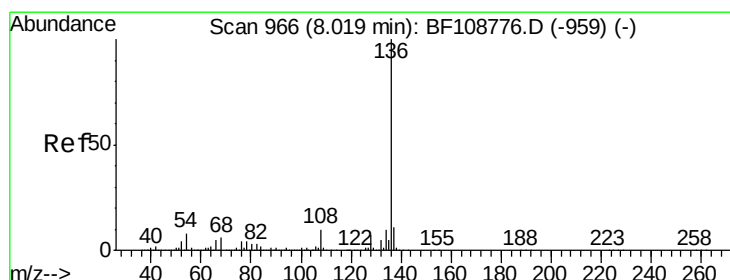
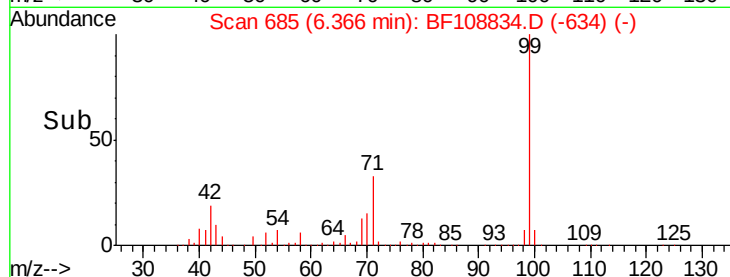
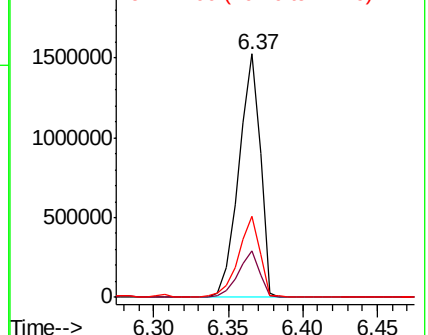
99 100

42 19.2 14.5 21.7

71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Tgt Ion: 136 Resp: 1234086

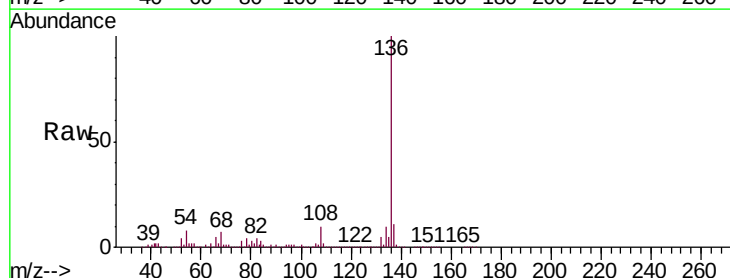
Ion Ratio Lower Upper

136 100

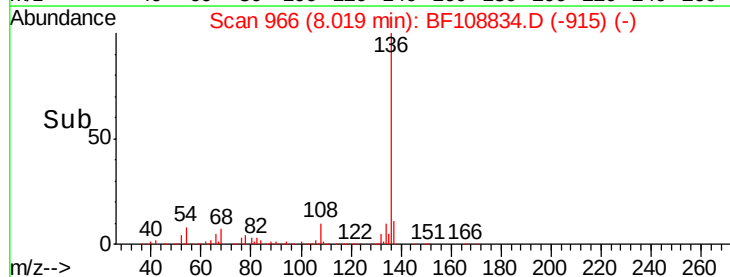
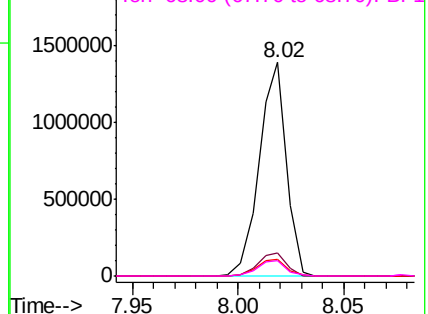
137 11.1 8.9 13.3

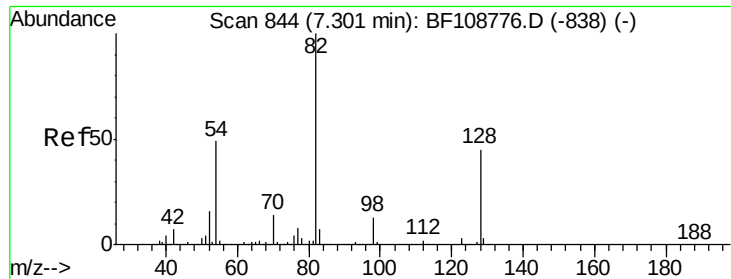
54 7.8 6.6 9.8

68 6.9 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

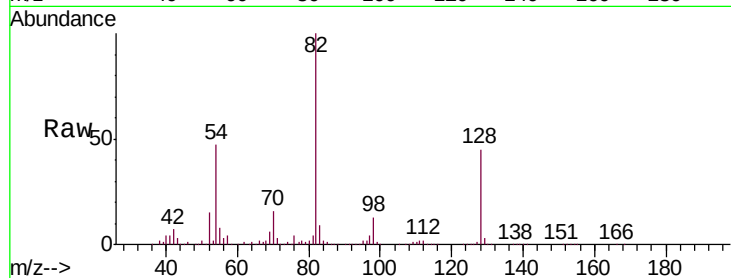




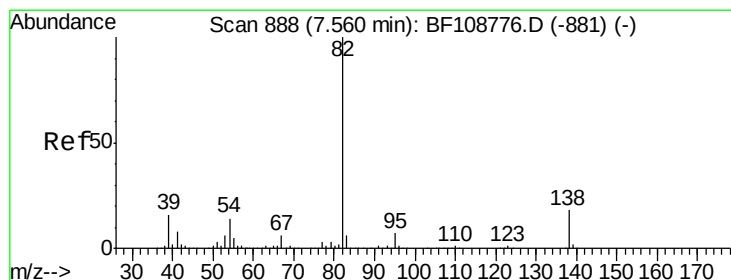
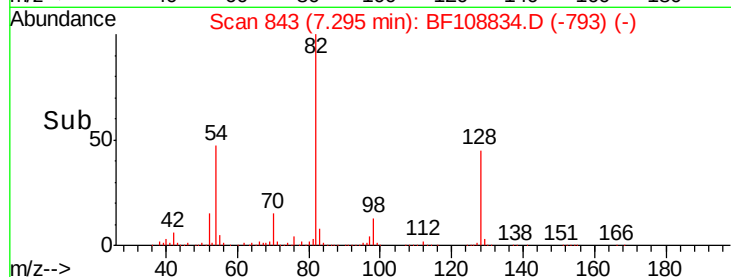
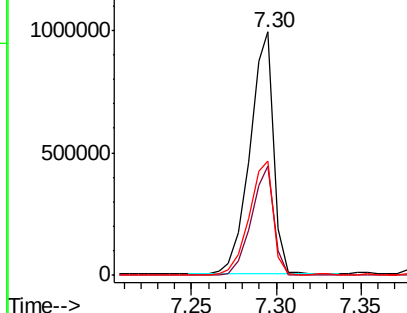
#23
 Nitrobenzene-d5
 Concen: 49.024 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108834.D
 Acq: 6 Sep 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	46.7	41.4	62.2

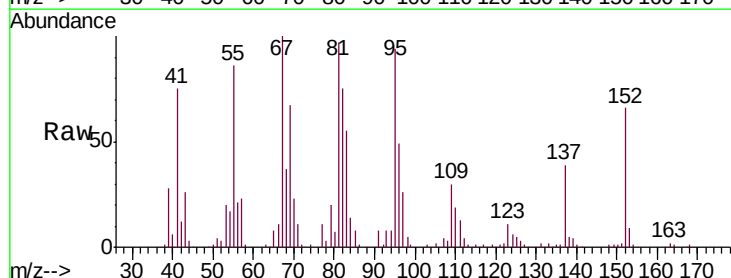


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

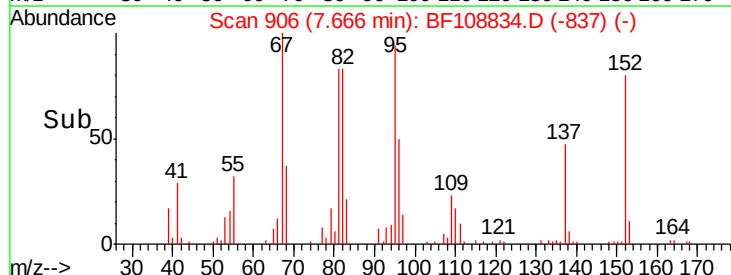
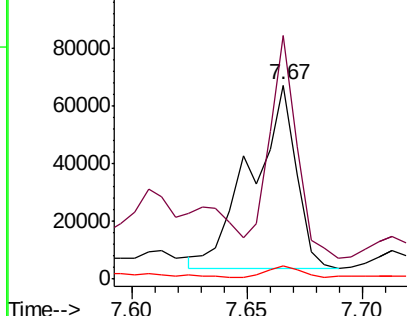


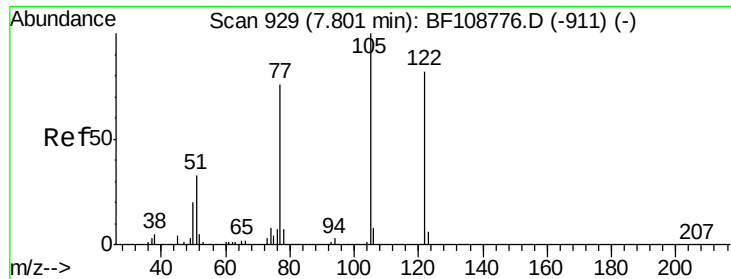
#25
 Isophorone
 Concen: 2.191 ng
 RT: 7.67 min Scan# 906
 Delta R.T. 0.11 min
 Lab File: BF108834.D
 Acq: 6 Sep 2018 20:15

Tgt Ion	Ratio	Lower	Upper
82	100		
95	125.3	5.2	7.8#
138	6.9	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

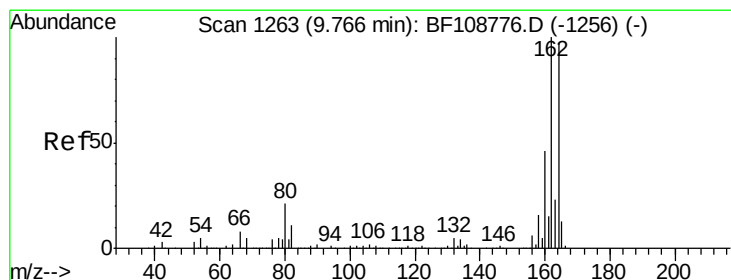
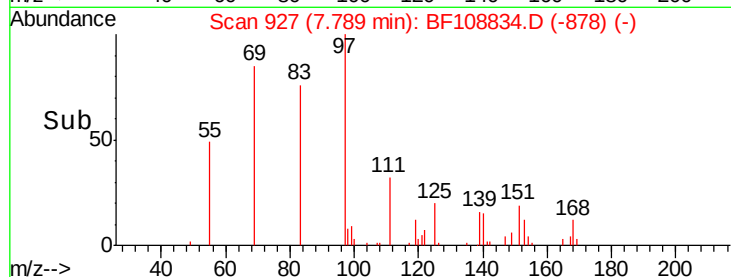
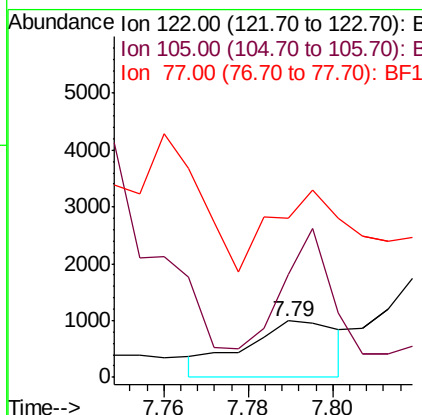
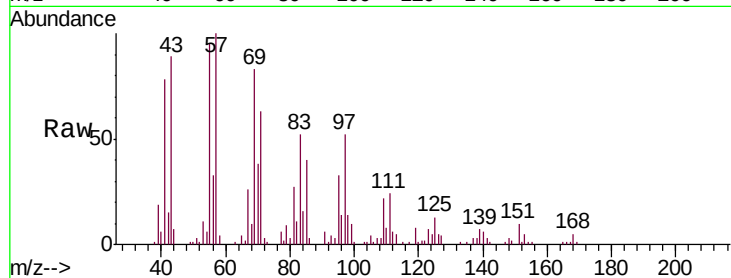




#32
Benzoic acid
Concen: 4.162 ng
RT: 7.79 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

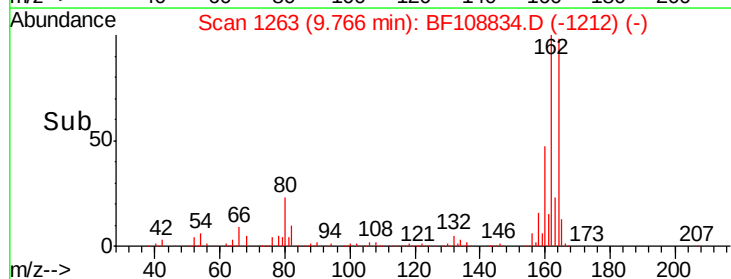
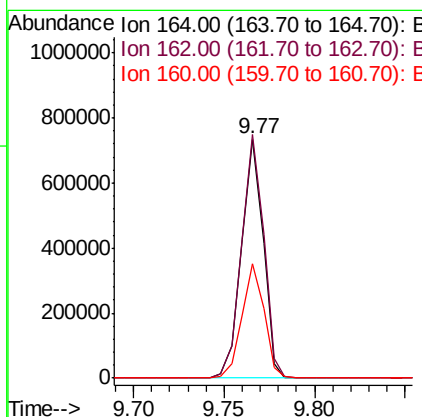
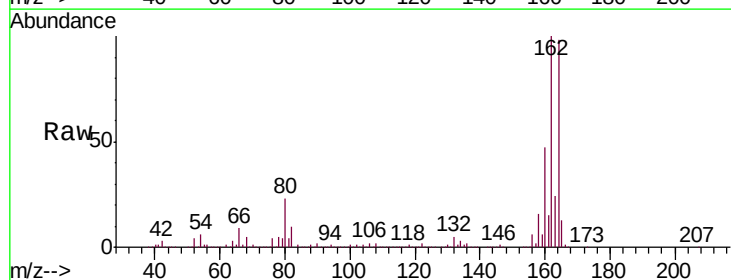
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

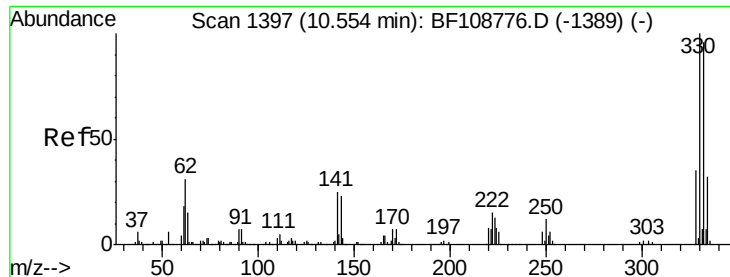
Tgt Ion:122 Resp: 1533
Ion Ratio Lower Upper
122 100
105 182.8 101.1 141.1#
77 282.5 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Tgt Ion:164 Resp: 614139
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 47.9 38.3 57.5

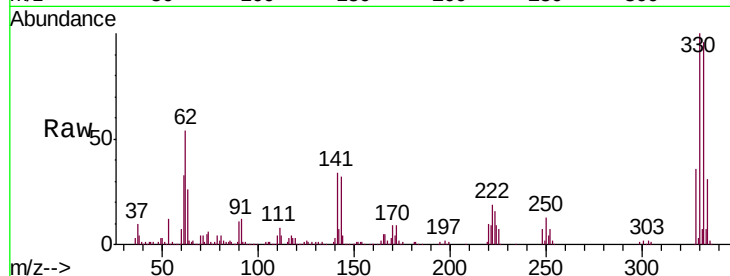




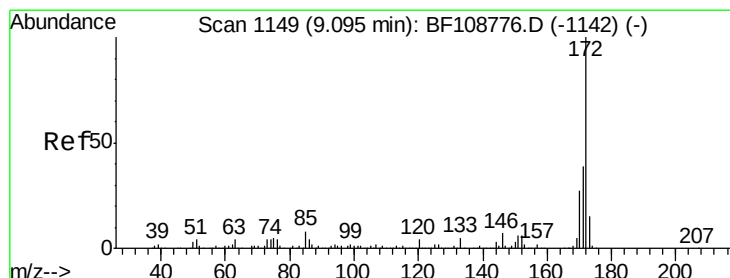
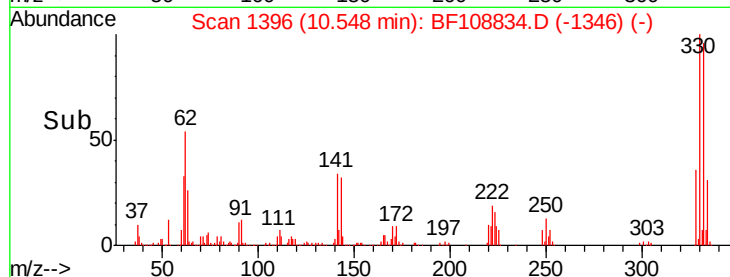
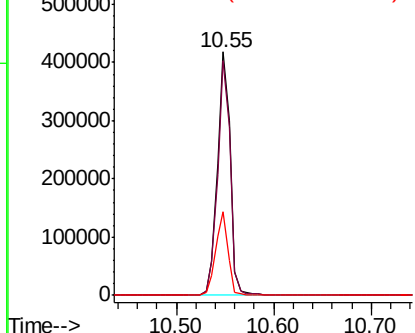
#41
 2,4,6-Tribromophenol
 Concen: 65.190 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108834.D
 Acq: 6 Sep 2018 20:15

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q2-G5

Tgt Ion:330 Resp: 382201
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 33.5 29.9 44.9

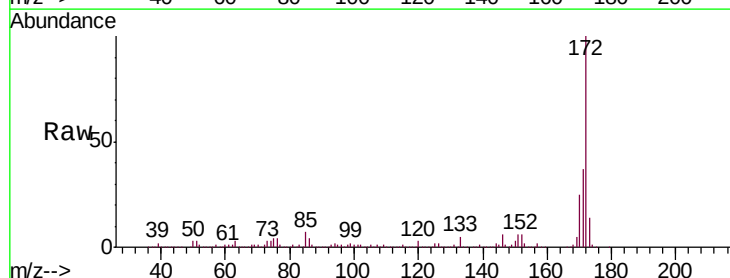


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

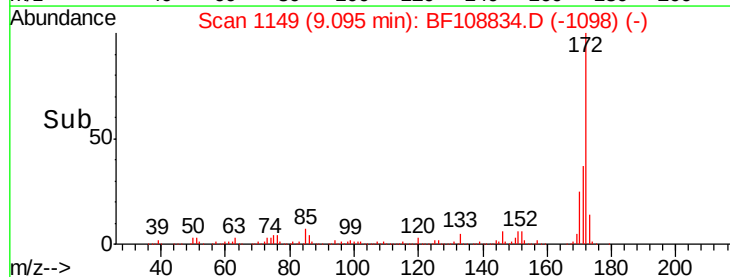
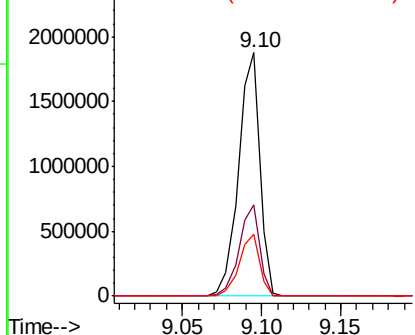


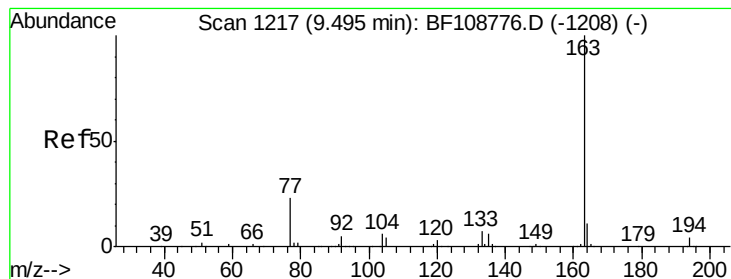
#44
 2-Fluorobiphenyl
 Concen: 48.390 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108834.D
 Acq: 6 Sep 2018 20:15

Tgt Ion:172 Resp: 1741980
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 25.3 19.6 29.4



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





#49

Dimethylphthalate

Concen: 16.590 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Instrument :

BNA_F

ClientSampled :

EP1-Q2-G5

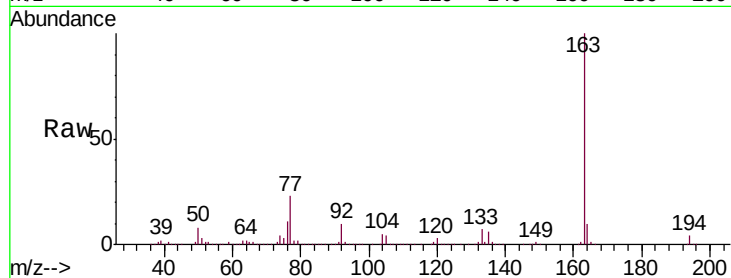
Tgt Ion:163 Resp: 712616

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

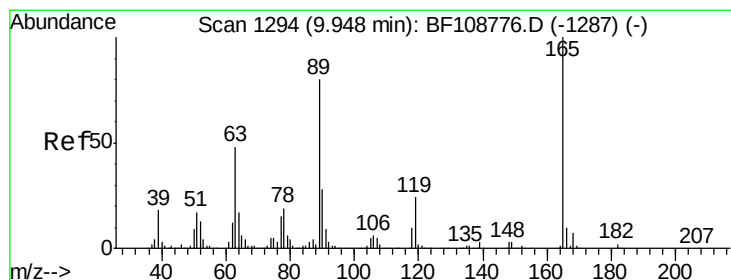
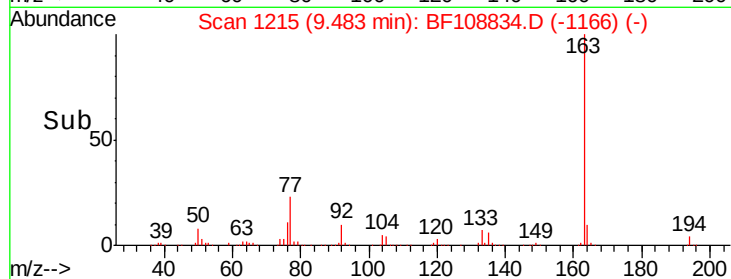
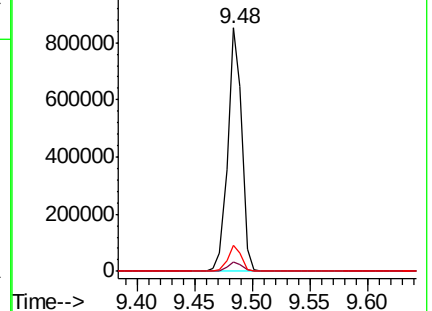
164 10.5 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 7.667 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Tgt Ion:165 Resp: 80254

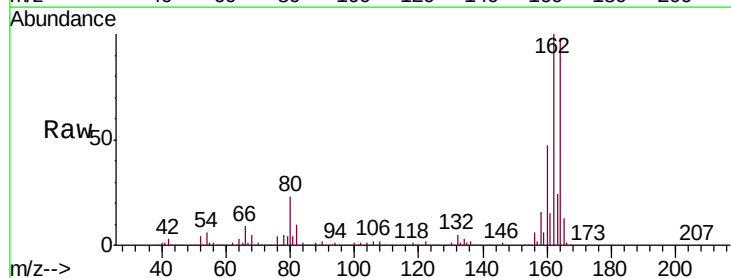
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

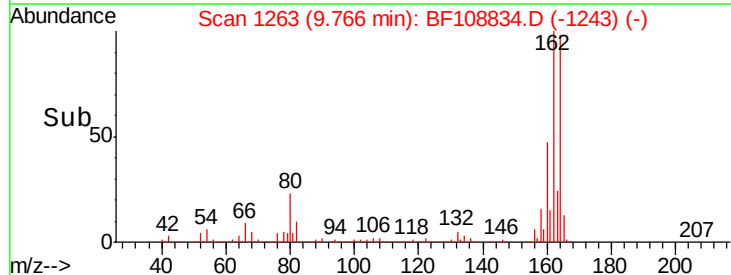
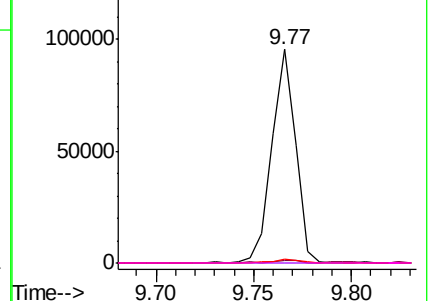


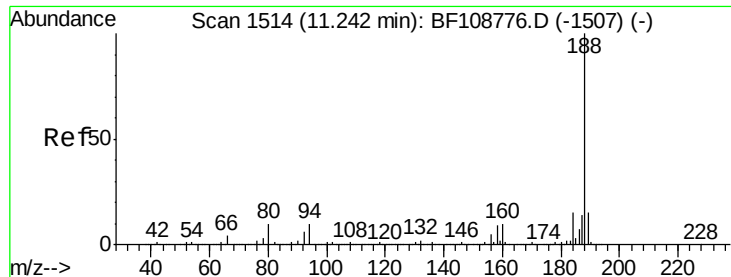
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

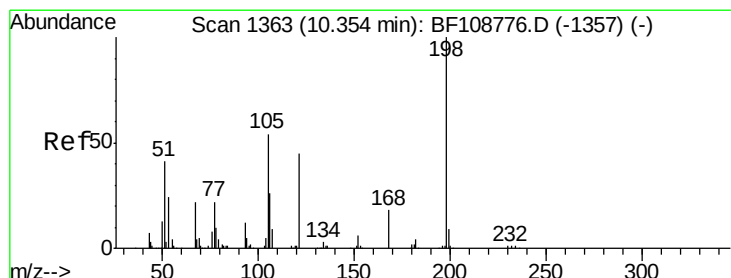
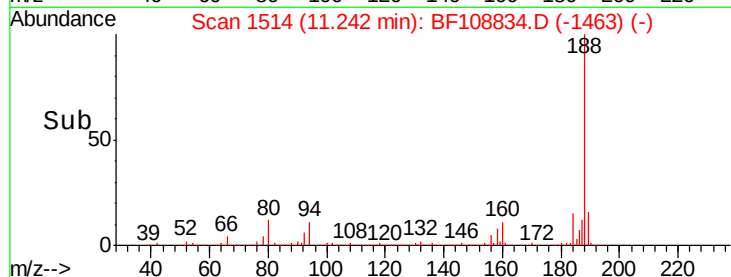
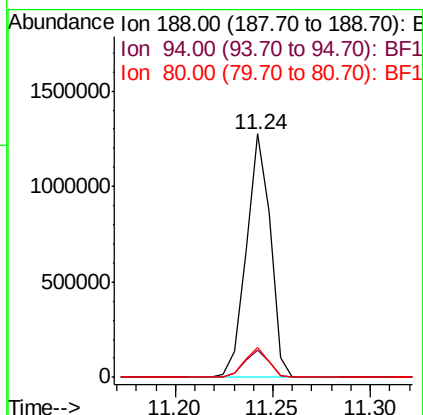
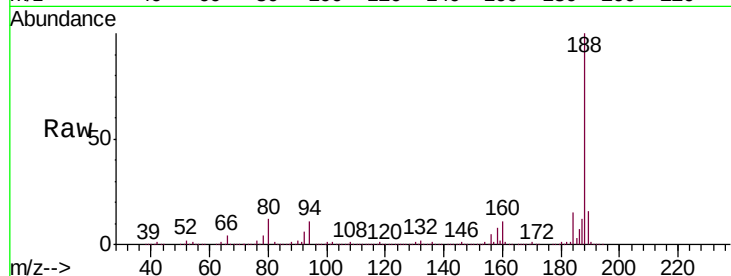




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

Tgt Ion:188 Resp: 1082784
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.037 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Tgt Ion:198 Resp: 839
Ion Ratio Lower Upper
198 100
51 195.9 37.7 77.7#
105 188.2 36.3 76.3#

