

Data File : BF108831.D
Acq On : 6 Sep 2018 18:53
Operator : JU/SJ
Sample : J4803-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F5

Quant Time: Sep 07 01:45:02 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	267377	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	995124	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	439704	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	706261	20.00	ng	0.00
75) Chrysene-d12	13.87	240	628712	20.00	ng	0.00
86) Perylene-d12	15.27	264	725204	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	887557	54.99	ng	0.00
7) Phenol-d6	6.37	99	1132363	54.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	697579	43.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	221864	52.85	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1240496	48.13	ng	0.00
78) Terphenyl-d14	12.82	244	969166	35.95	ng	0.00

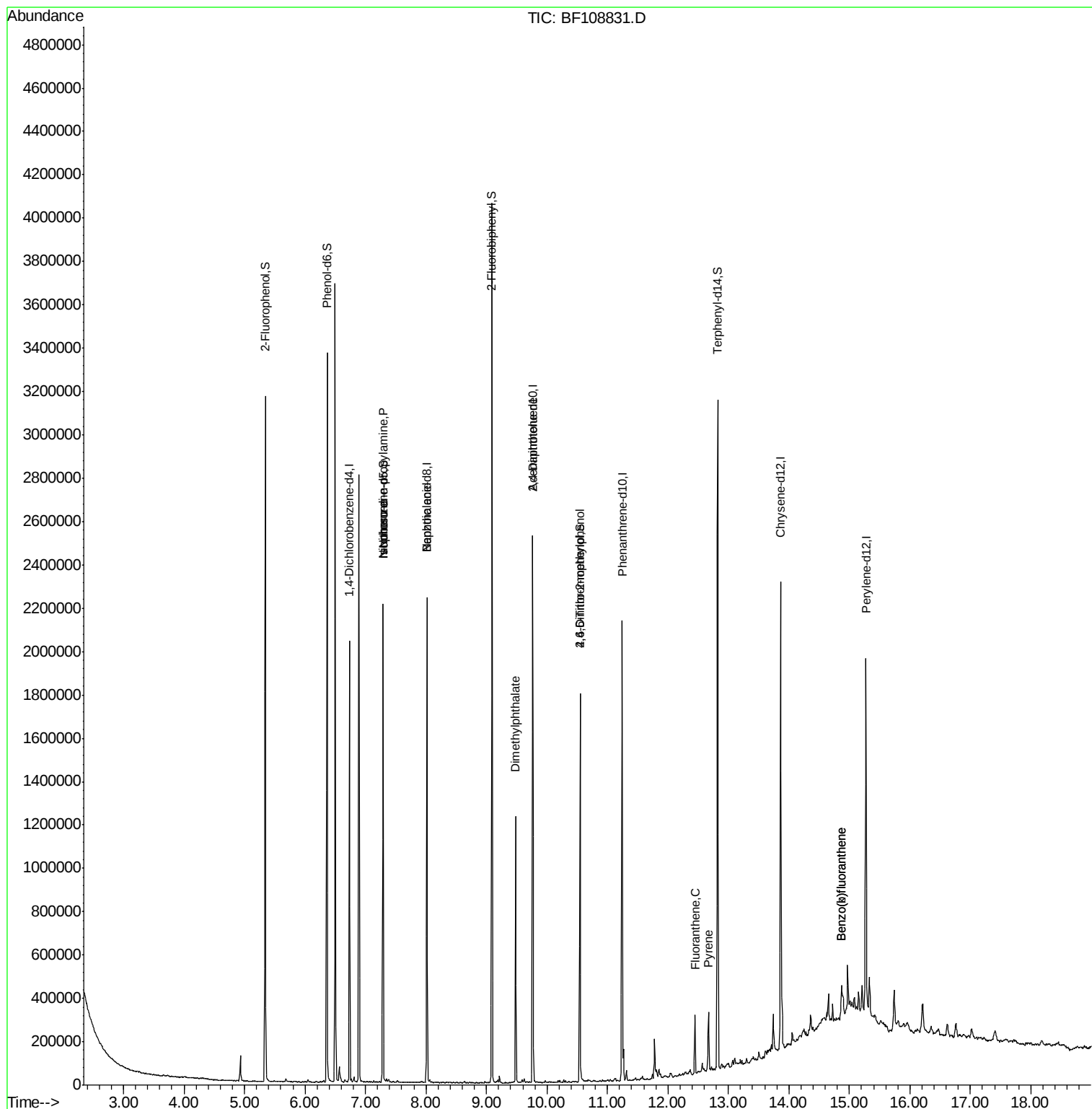
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.29	70	92734	6.424	ng	# 79
25) Isophorone	7.29	82	690451	21.768	ng	# 64
32) Benzoic acid	8.01	122	147	4.034	ng	# 1
49) Dimethylphthalate	9.48	163	421382	13.702	ng	99
56) 2,4-Dinitrotoluene	9.77	165	56266	7.508	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	543	7.036	ng	# 1
74) Fluoranthene	12.45	202	102867	3.080	ng	98
77) Pyrene	12.67	202	101990	2.108	ng	97
87) Benzo(b)fluoranthene	14.87	252	95764	2.429	ng	# 89
88) Benzo(k)fluoranthene	14.87	252	95764	2.637	ng	# 92

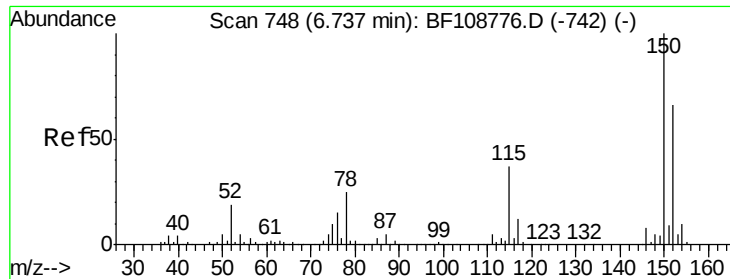
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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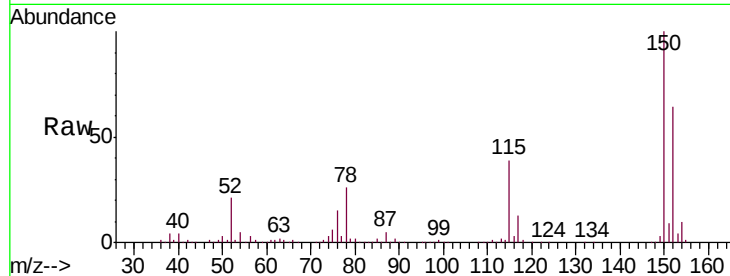


#1

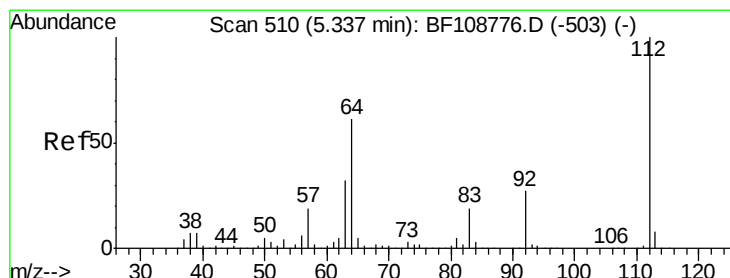
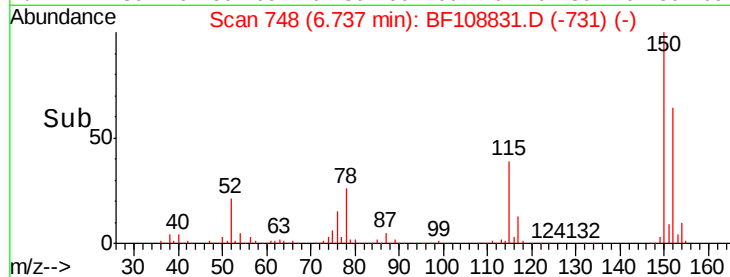
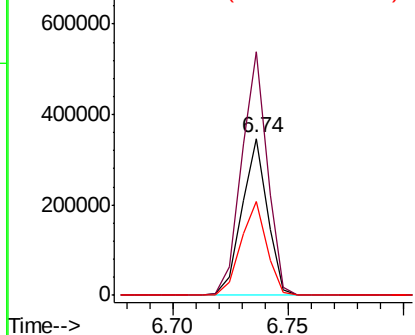
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F5

Tgt Ion:152 Resp: 267377
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.2 50.1 75.1



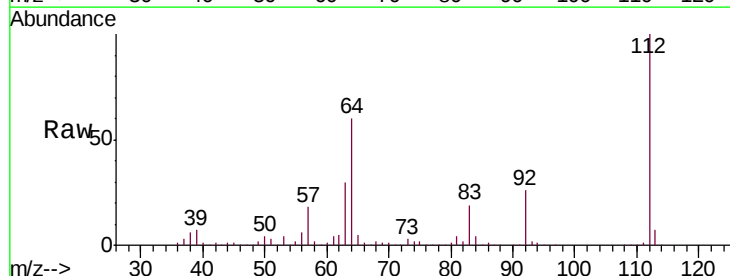
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



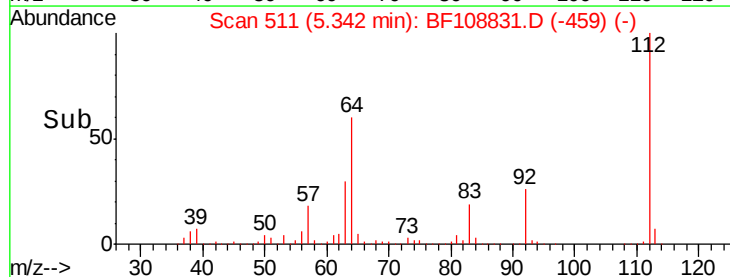
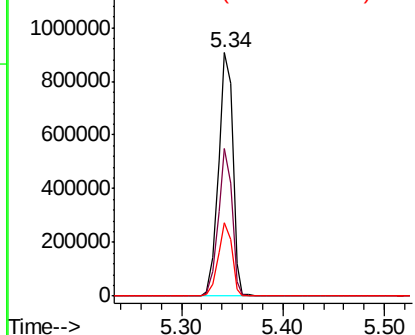
#5

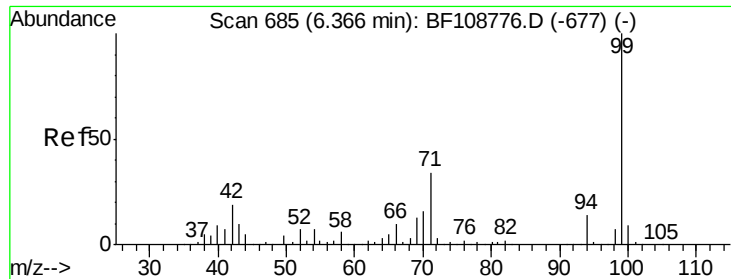
2-Fluorophenol
Concen: 54.993 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Tgt Ion:112 Resp: 887557
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 30.1 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: 54.530 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-F5

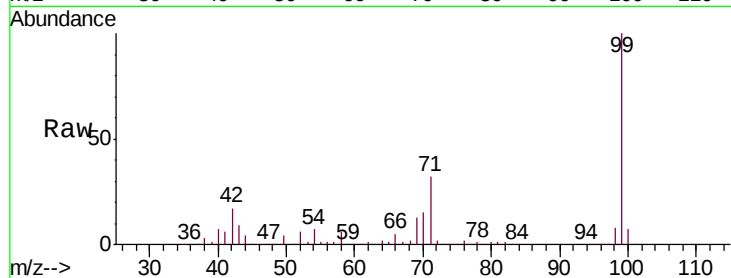
Tgt Ion: 99 Resp: 1132363

Ion Ratio Lower Upper

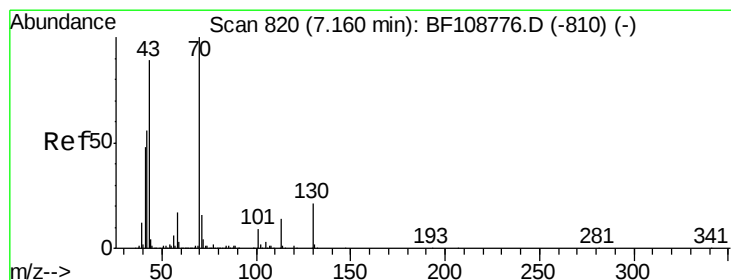
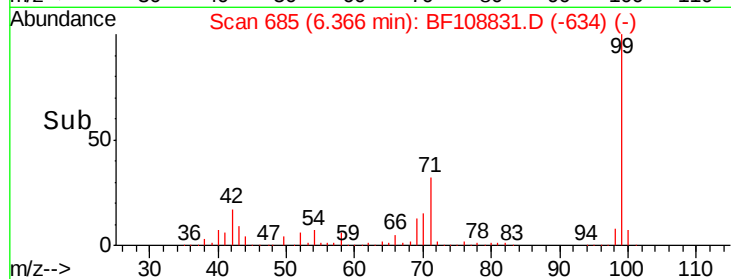
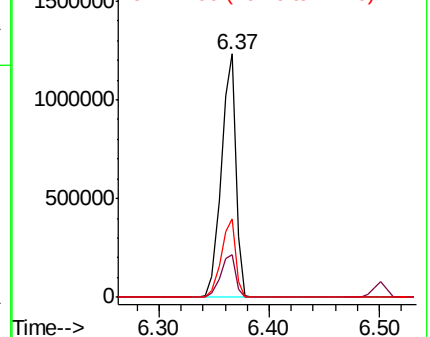
99 100

42 17.5 14.5 21.7

71 32.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 6.424 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

Tgt Ion: 70 Resp: 92734

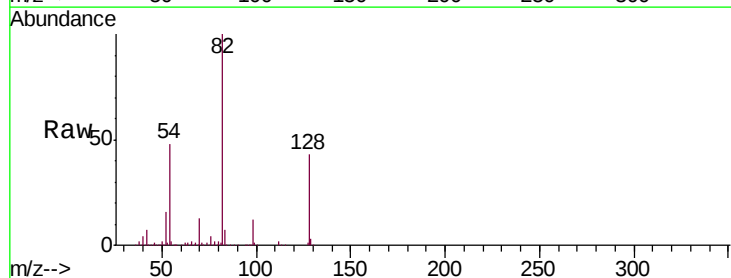
Ion Ratio Lower Upper

70 100

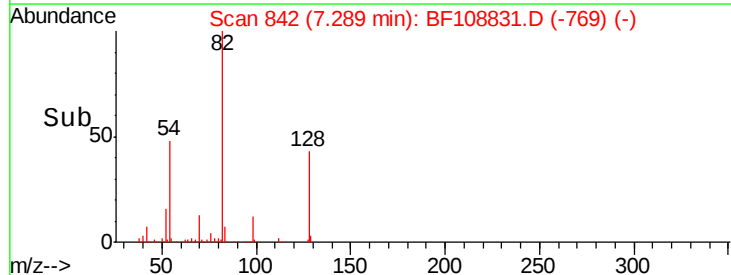
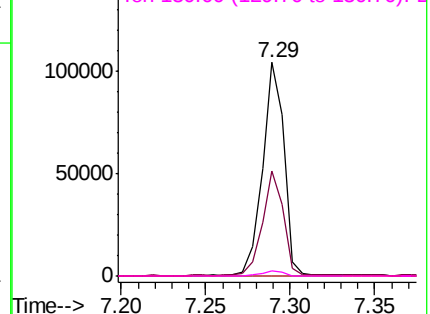
42 49.0 47.5 71.3

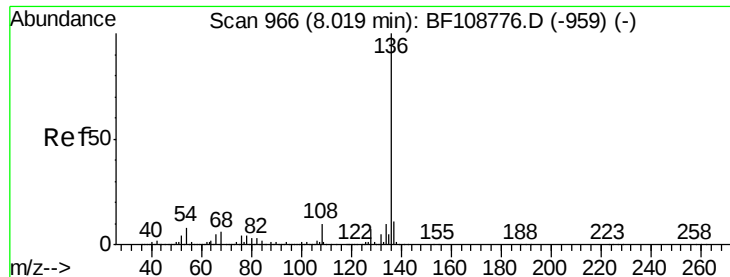
101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

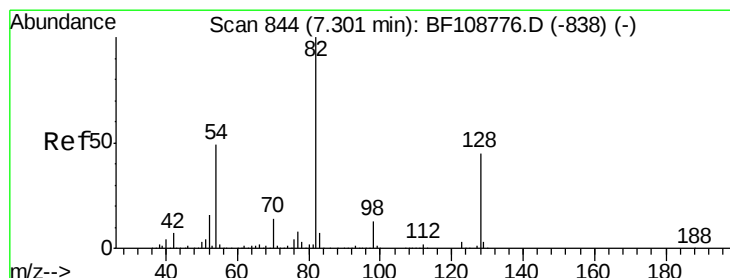
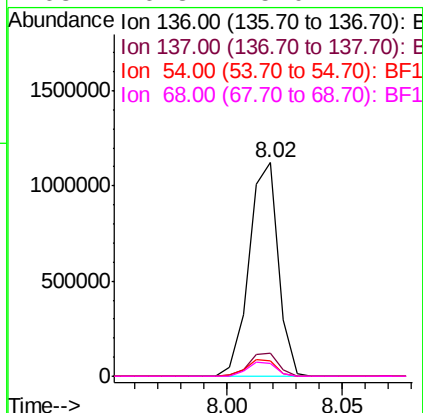
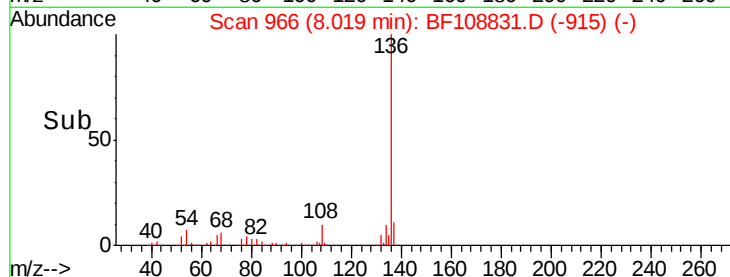
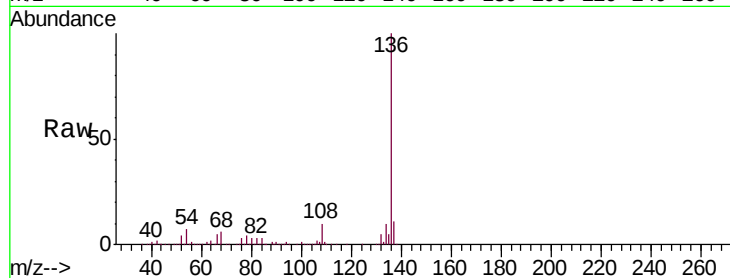




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

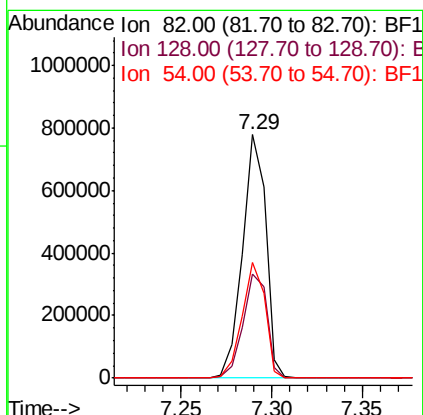
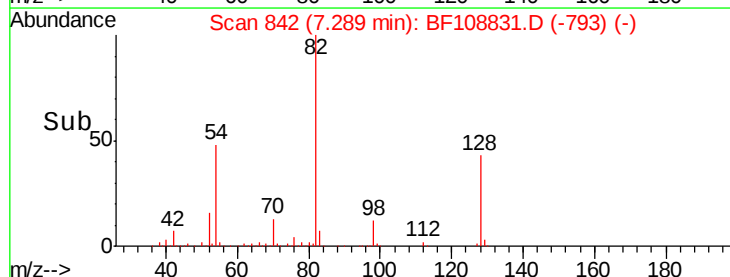
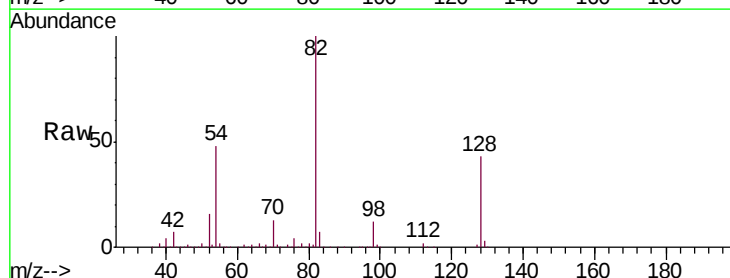
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F5

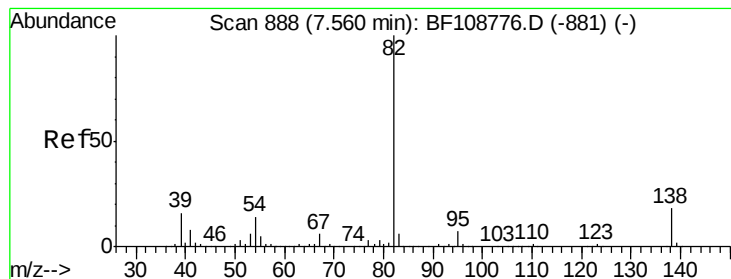
Tgt Ion:	136	Resp:	995124
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 43.869 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Tgt Ion:	82	Resp:	697579
Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	47.7	41.4	62.2





#25

Isophorone

Concen: 21.768 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-F5

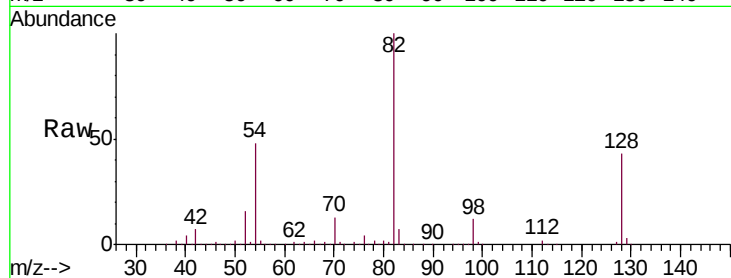
Tgt Ion: 82 Resp: 690451

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

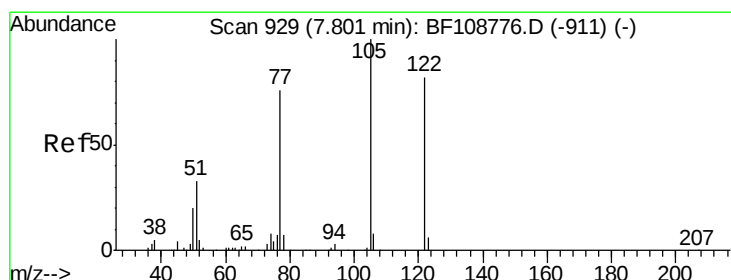
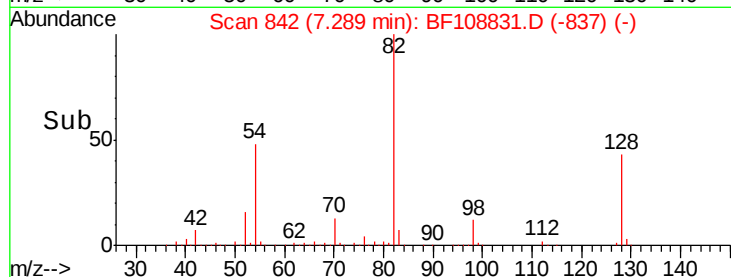
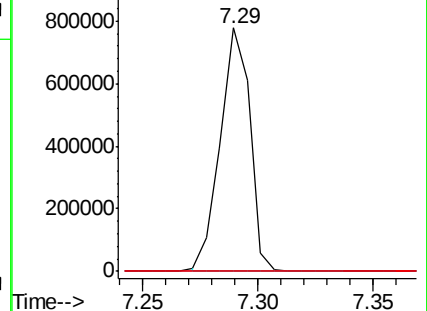
138 0.0 14.9 22.3#



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: 4.034 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.21 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

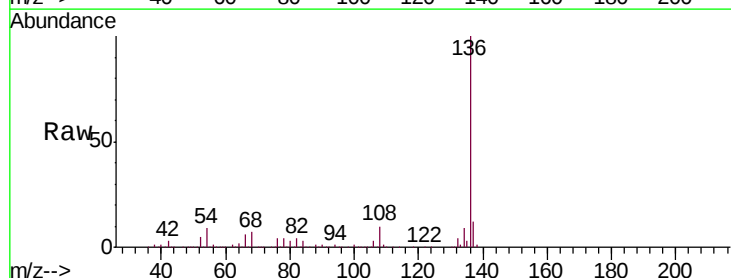
Tgt Ion: 122 Resp: 147

Ion Ratio Lower Upper

122 100

105 209.6 101.1 141.1#

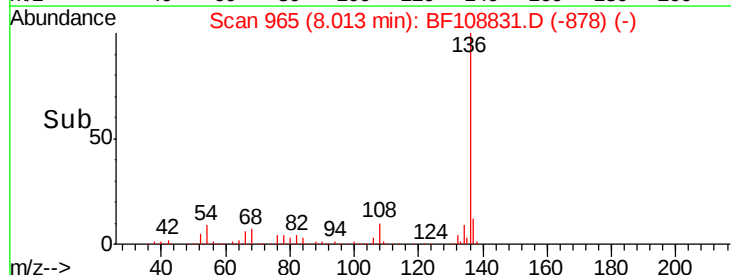
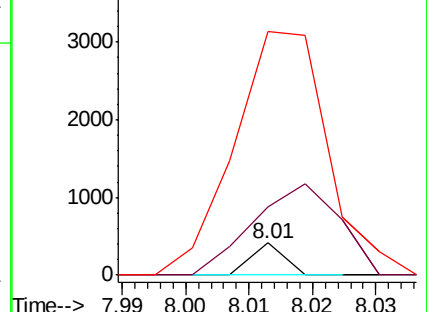
77 753.6 70.7 110.7#

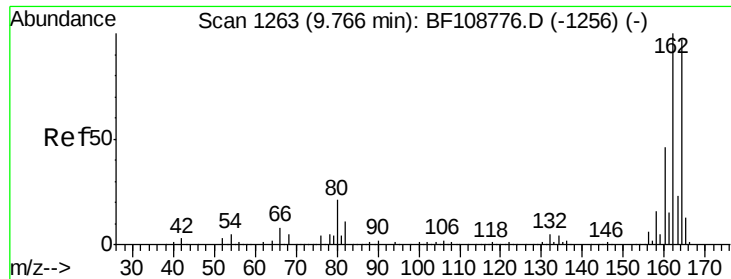


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

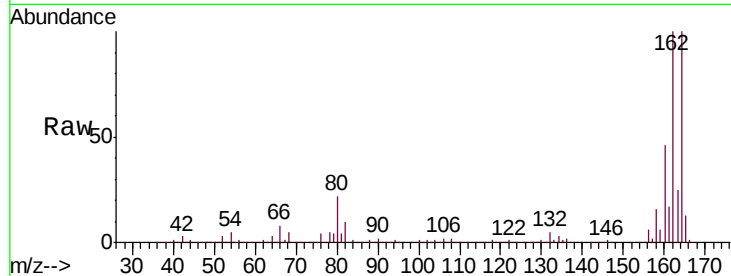




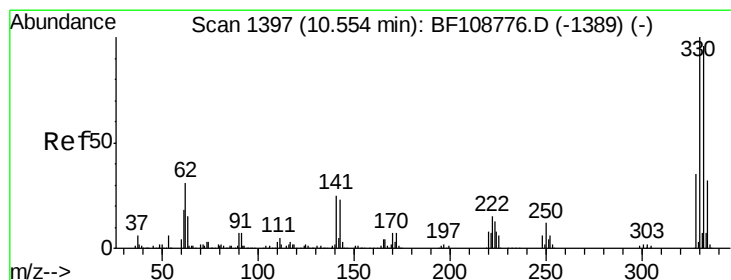
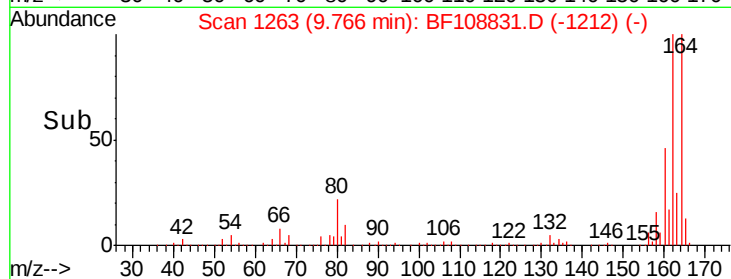
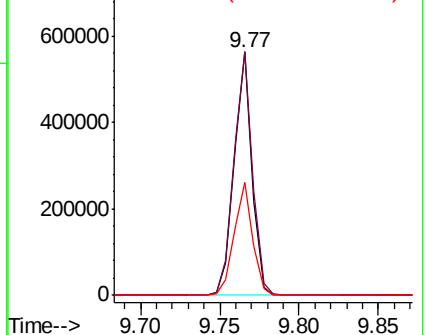
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

Instrument :
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 EP1-Q2-F5

Tgt Ion:164 Resp: 439704
 Ion Ratio Lower Upper
 164 100
 162 100.1 86.1 129.1
 160 46.4 38.3 57.5

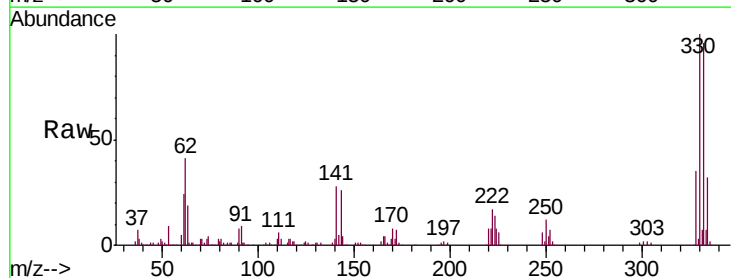


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

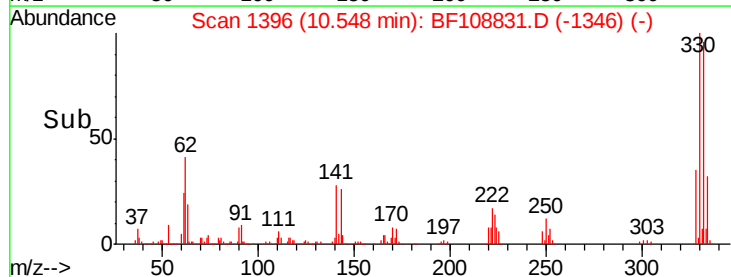
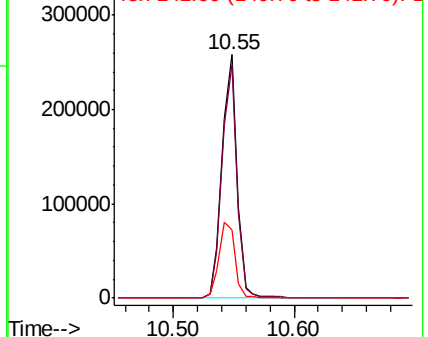


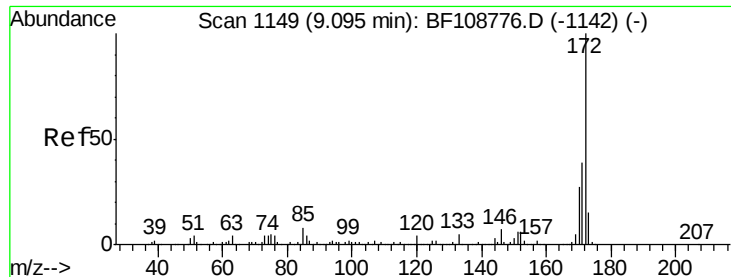
#41
 2,4,6-Tribromophenol
 Concen: 52.855 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

Tgt Ion:330 Resp: 221864
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 33.1 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

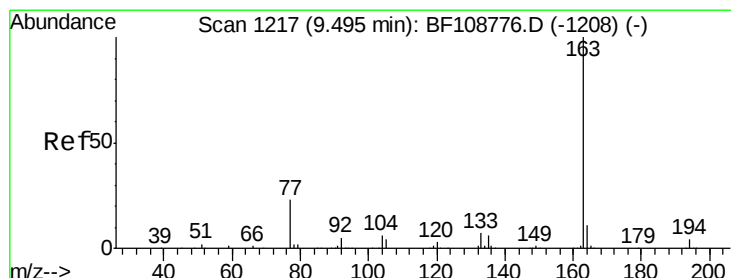
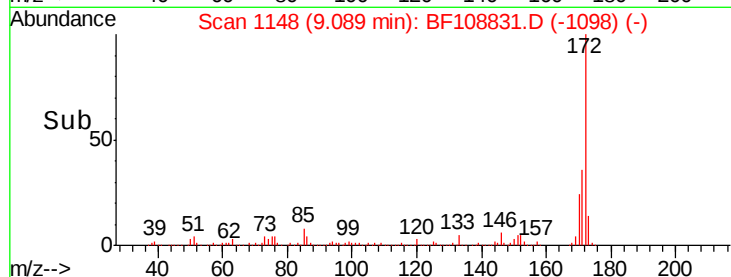
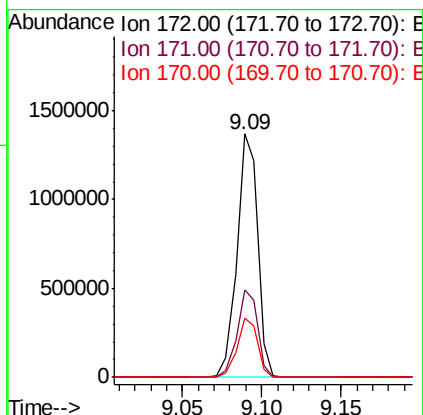
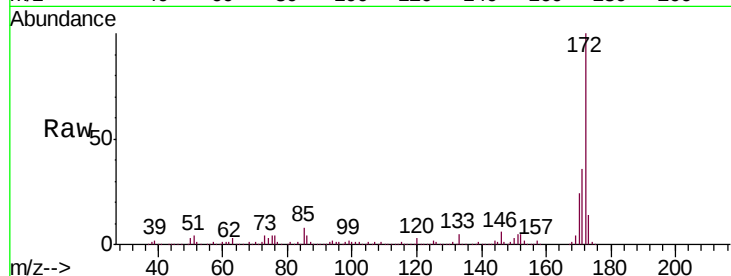




#44
2-Fluorobiphenyl
Concen: 48.129 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

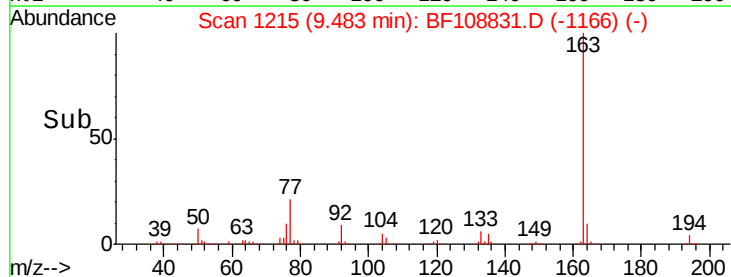
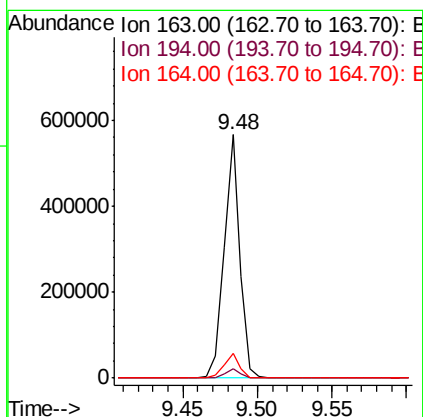
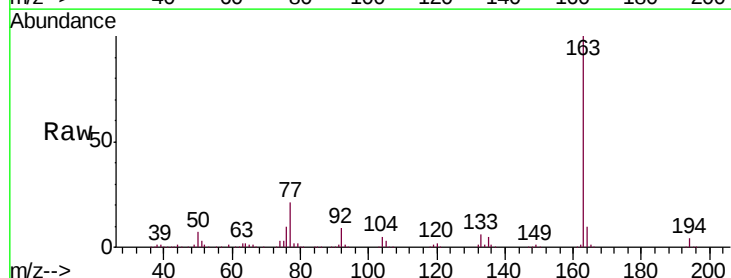
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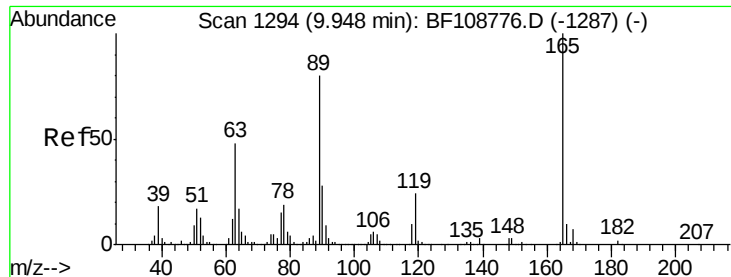
Tgt Ion:172 Resp: 1240496
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 13.702 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Tgt Ion:163 Resp: 421382
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

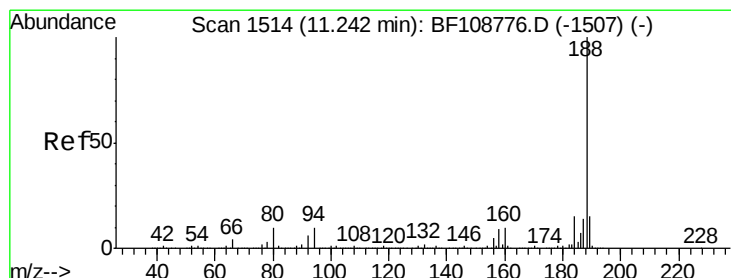
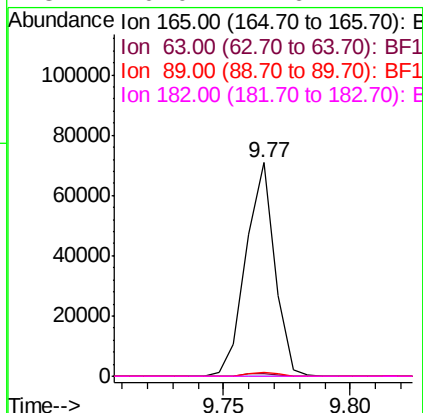
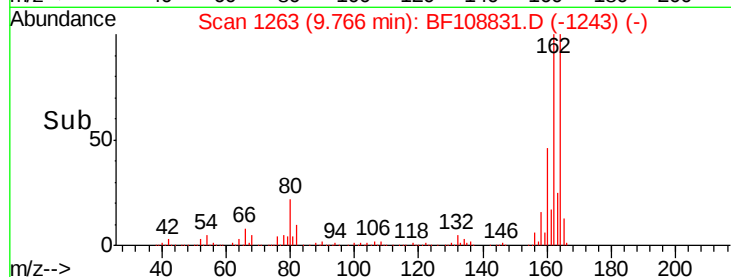
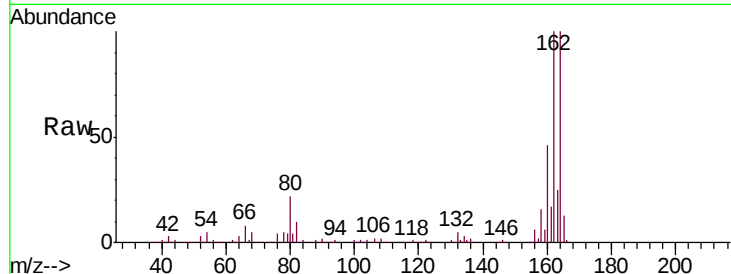




#56
 2,4-Dinitrotoluene
 Concen: 7.508 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

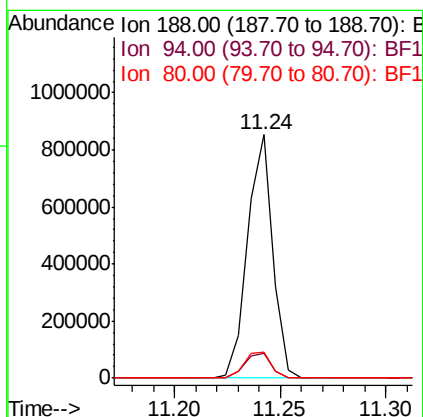
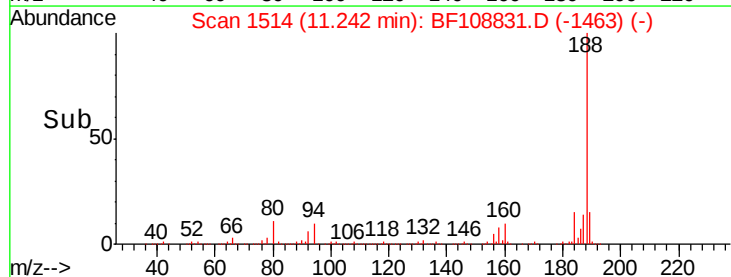
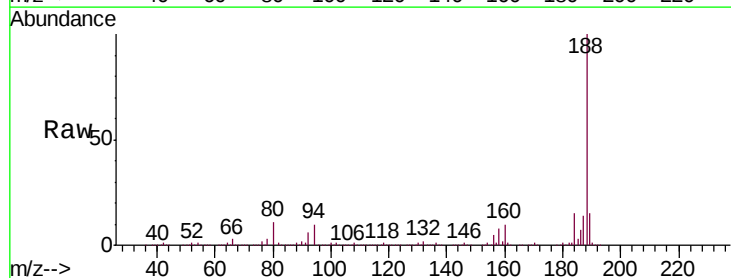
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-F5

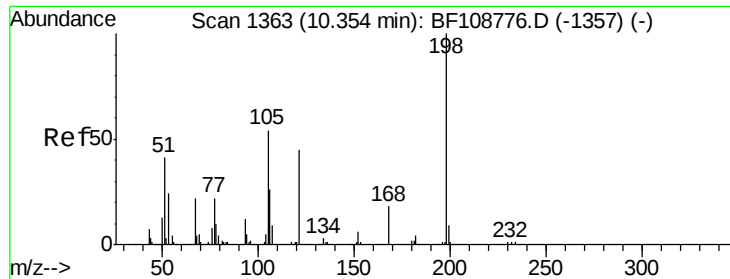
Tgt Ion:	165	Resp:	56266
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

Tgt Ion:	188	Resp:	706261
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8

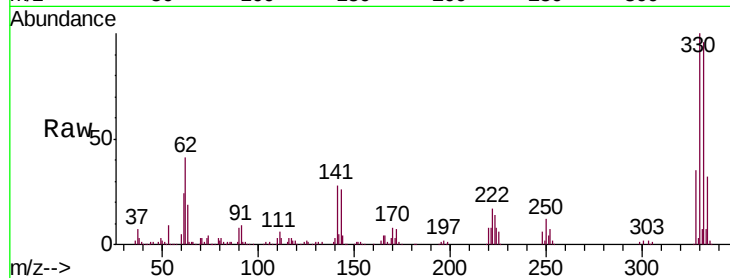




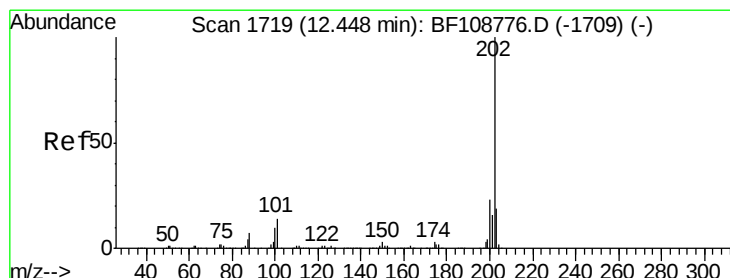
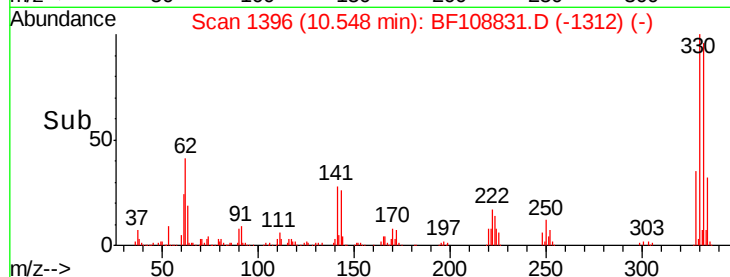
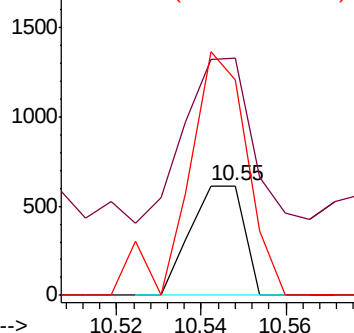
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.036 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-F5

Tgt Ion:198 Resp: 543
 Ion Ratio Lower Upper
 198 100
 51 216.3 37.7 77.7#
 105 196.3 36.3 76.3#

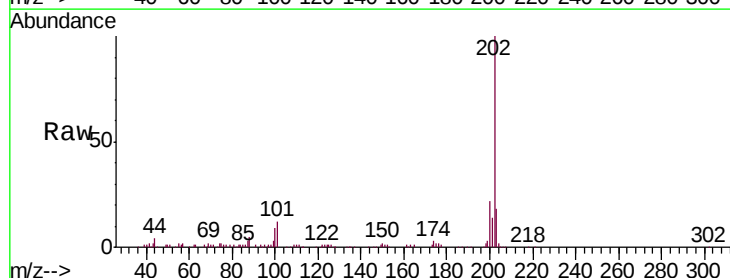


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

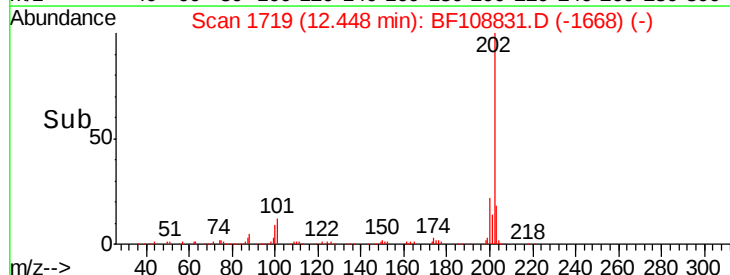
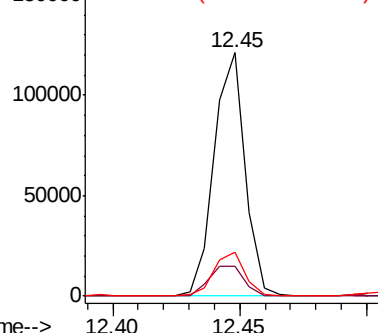


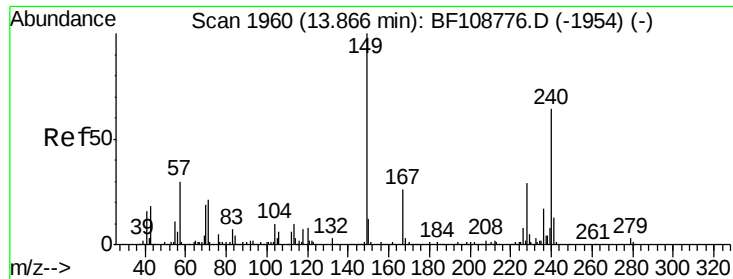
#74
 Fluoranthene
 Concen: 3.080 ng
 RT: 12.45 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

Tgt Ion:202 Resp: 102867
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 34.1
 203 18.2 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: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-F5

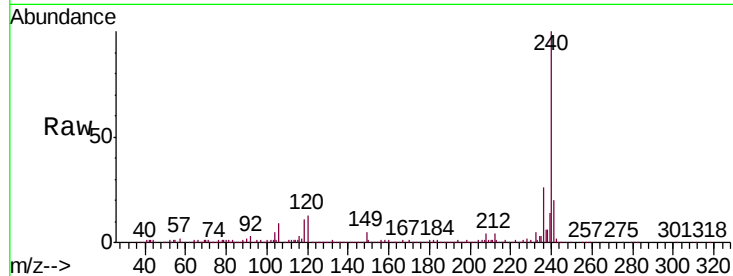
Tgt Ion:240 Resp: 628712

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

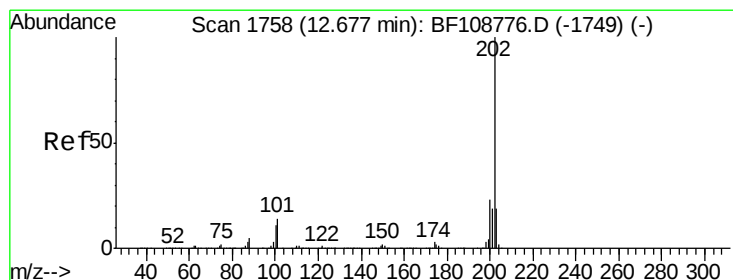
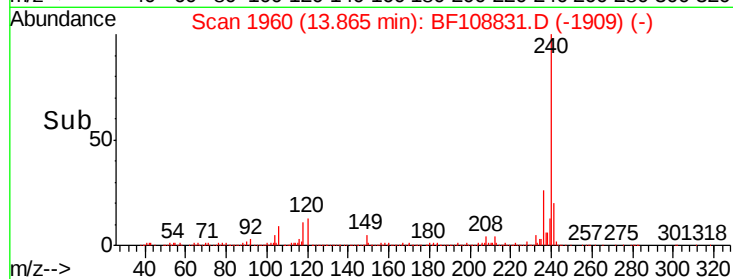
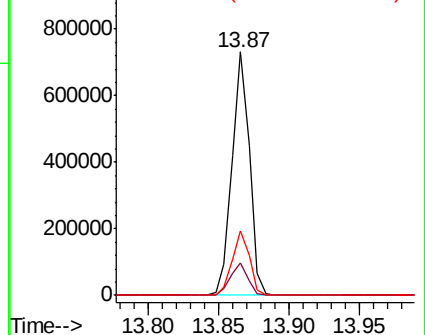
236 26.3 20.7 31.1



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: 2.108 ng

RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

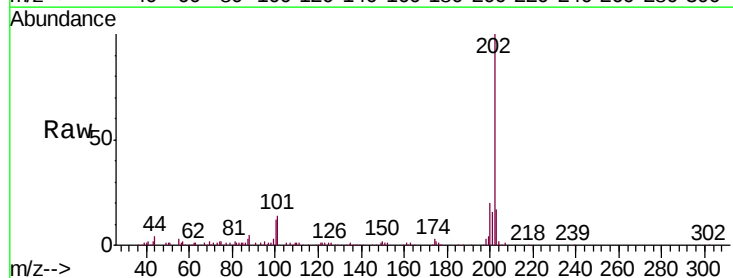
Tgt Ion:202 Resp: 101990

Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

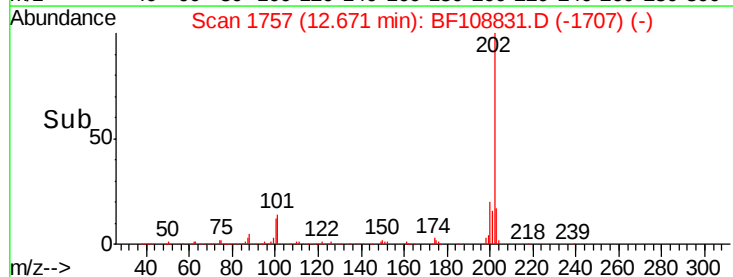
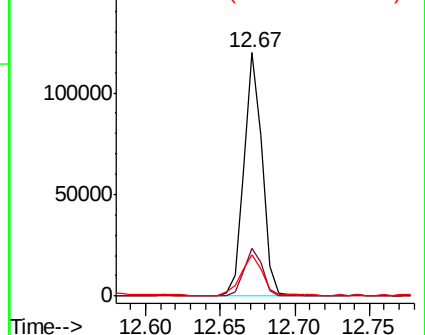
203 17.0 14.3 21.5

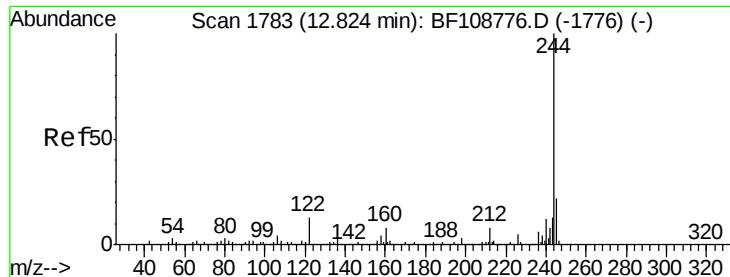


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

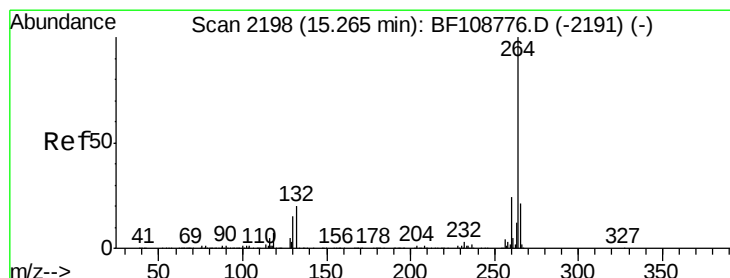
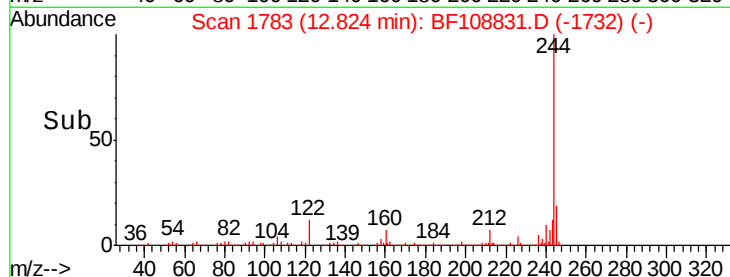
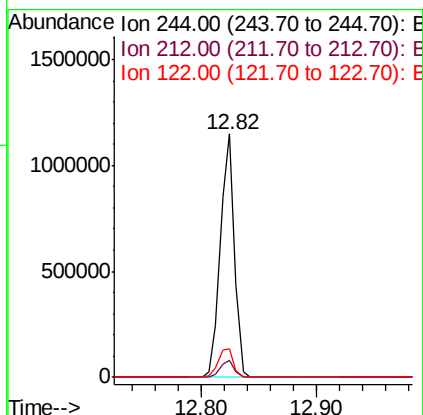
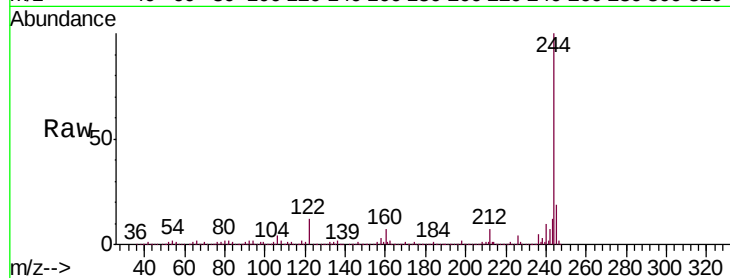




#78
 Terphenyl-d14
 Concen: 35.946 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

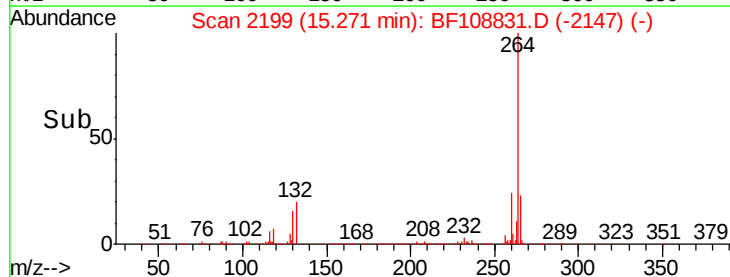
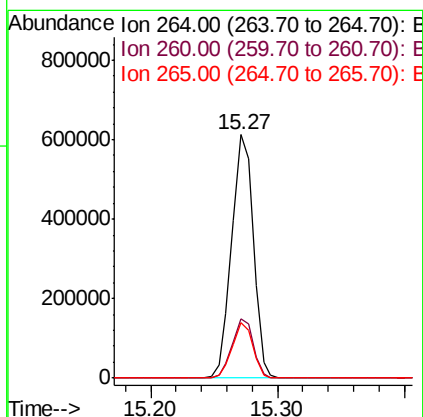
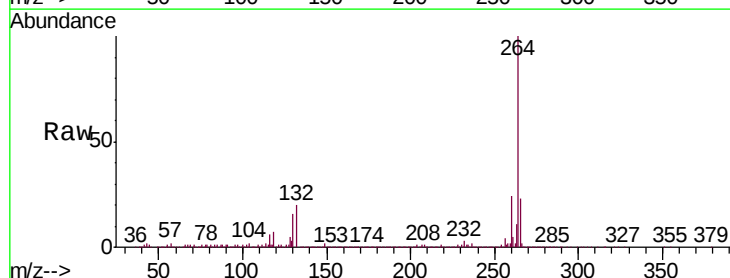
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-F5

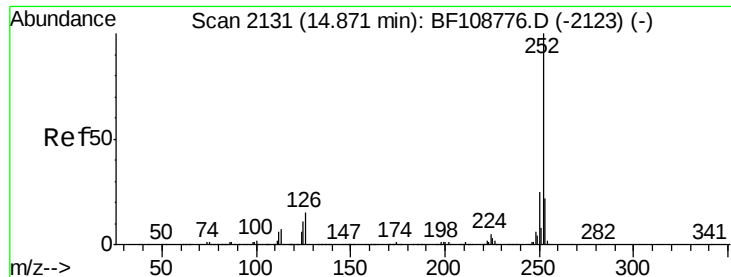
Tgt Ion:244 Resp: 969166
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

Tgt Ion:264 Resp: 725204
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.7 17.5 26.3

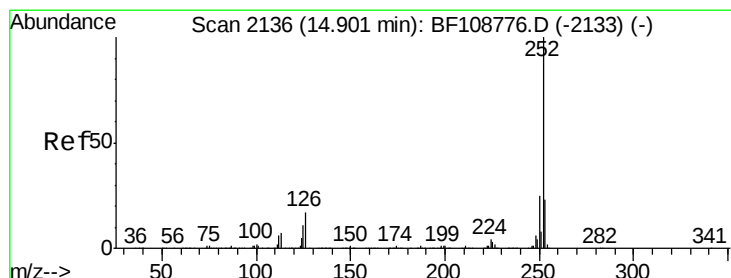
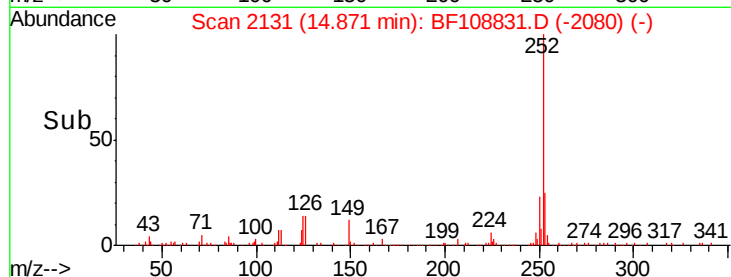
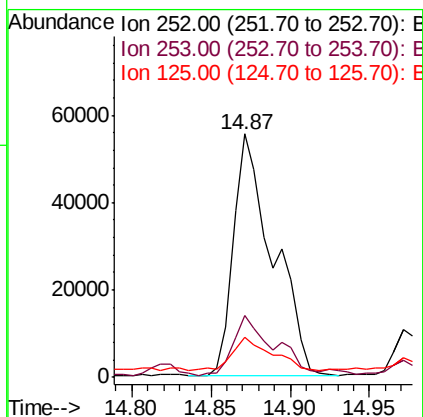
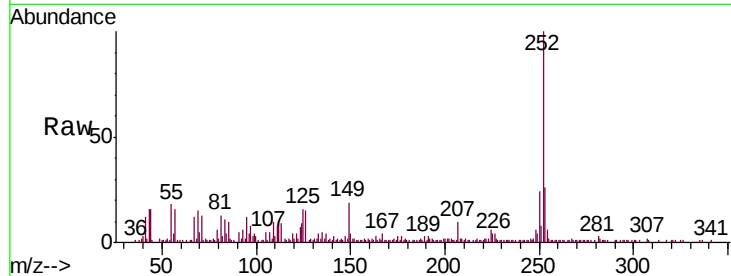




#87
Benzo(b)fluoranthene
Concen: 2.429 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.0	25.6#
125	16.3	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 2.637 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	16.3	10.2	15.2#

