

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108057.D
 Acq On : 9 Aug 2018 17:22
 Operator : JU/SJ
 Sample : J4394-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-006-ABCD

Manual Integrations
 APPROVED

Sohil
 8/10/2018 12:13:18 PM

Quant Time: Aug 10 01:33:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	276341	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1005971	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	442461	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	747035	20.00	ng	0.00
75) Chrysene-d12	14.21	240	676311	20.00	ng	0.00
86) Perylene-d12	15.78	264	502389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1506918	98.73	ng	0.01
7) Phenol-d6	6.63	99	1994006	98.31	ng	0.00
23) Nitrobenzene-d5	7.58	82	1267087	70.29	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	403961	91.53	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2113130	76.67	ng	0.00
78) Terphenyl-d14	13.15	244	1933522	72.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	191986	6.229	ng	Qvalue # 99
74) Fluoranthene	12.78	202	106517	2.770	ng	95
77) Pyrene	13.01	202	112280	2.622	ng	98
87) Benzo(b)fluoranthene	15.31	252	71338m	2.376	ng	

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

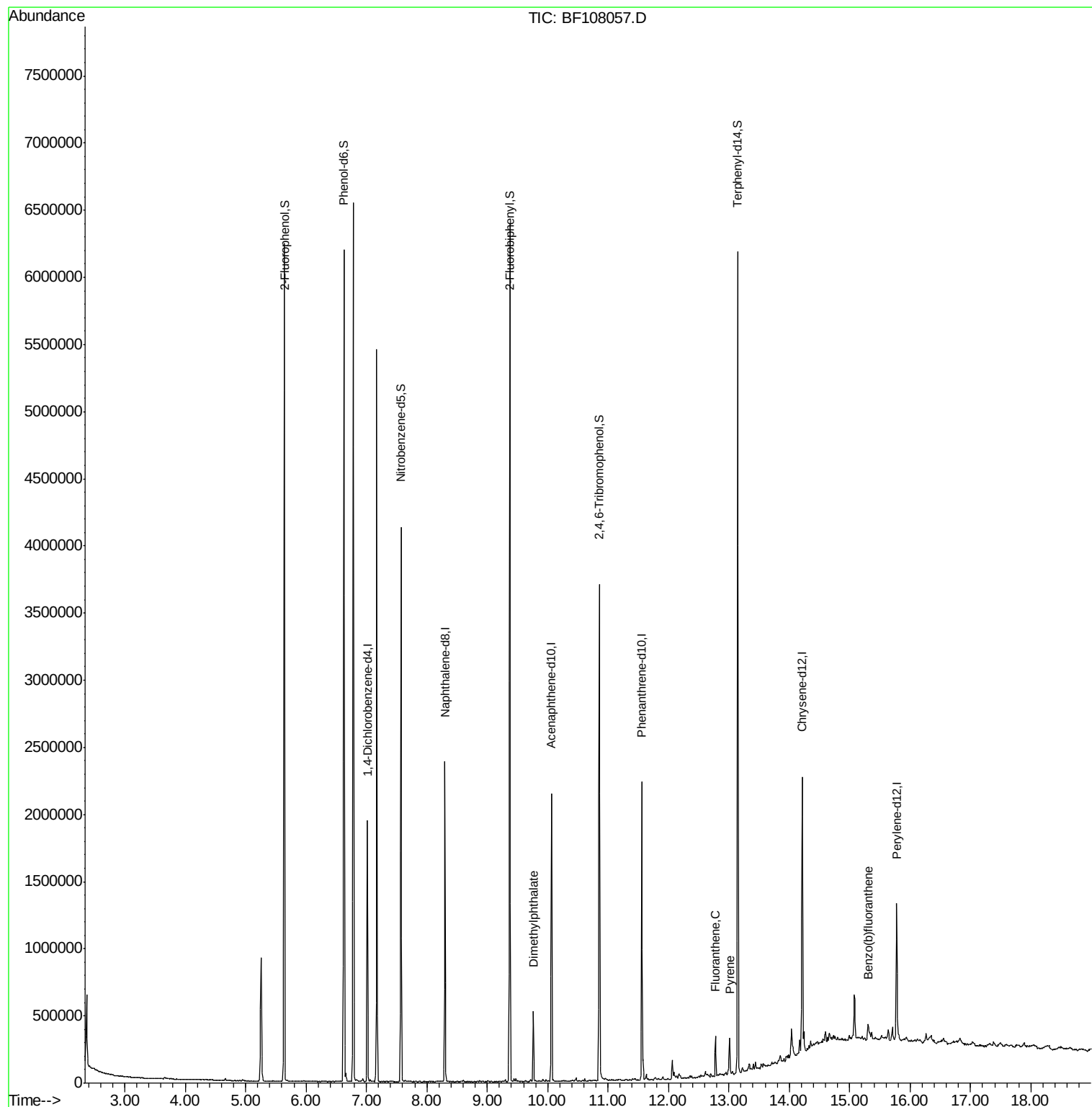
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108057.D
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Sample : J4394-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

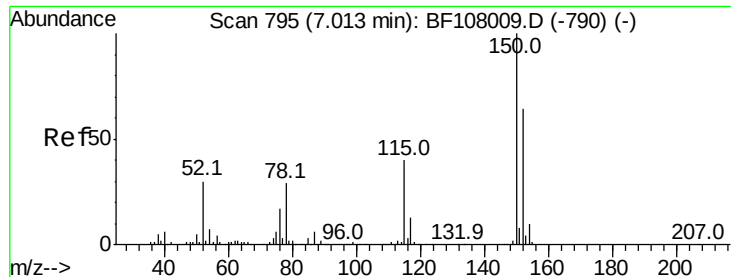
Instrument :
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FK-EF-01-006-ABCD

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#1

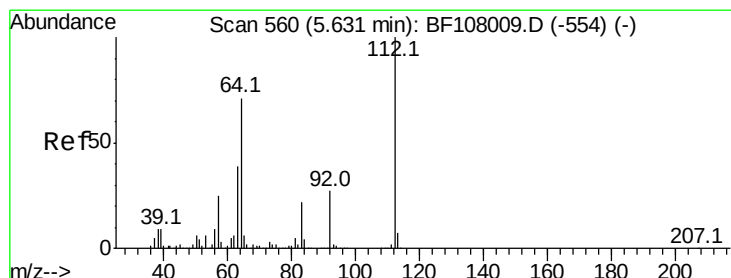
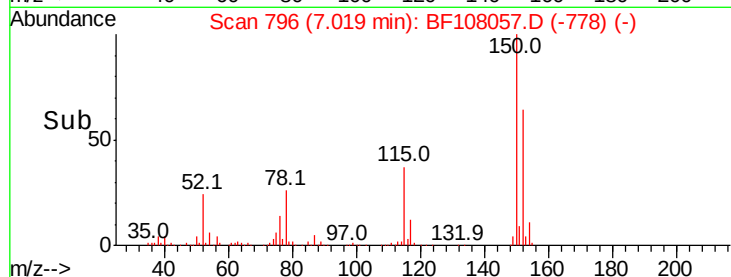
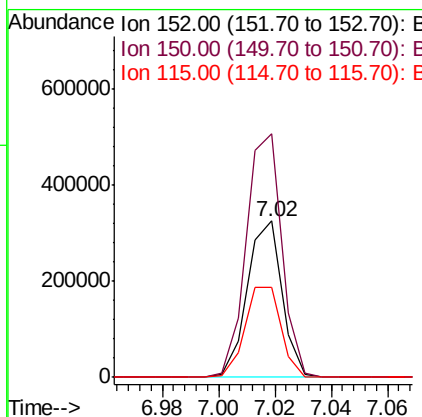
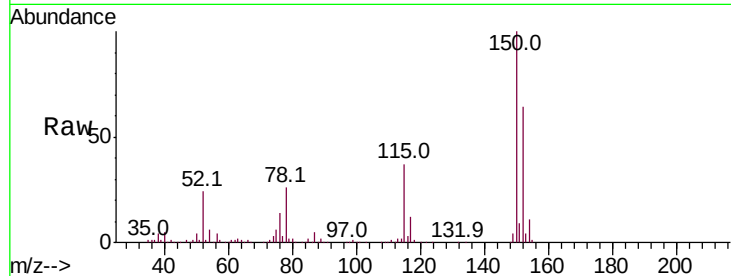
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108057.D
Acq: 9 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-006-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	58.0	50.1	75.1

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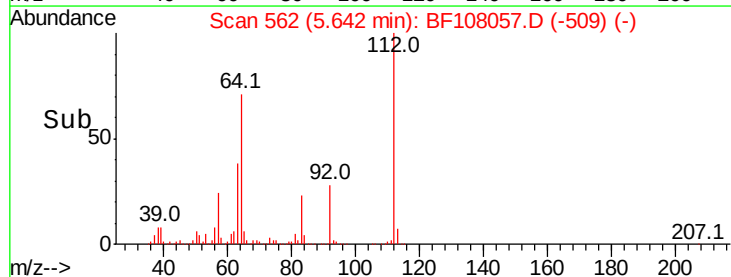
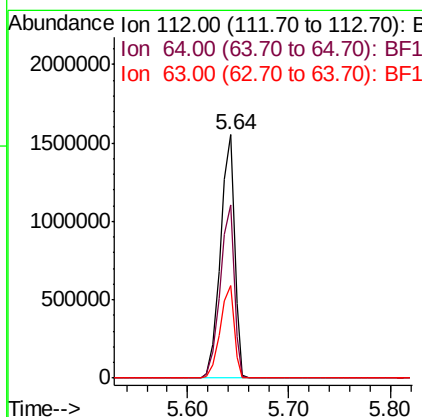
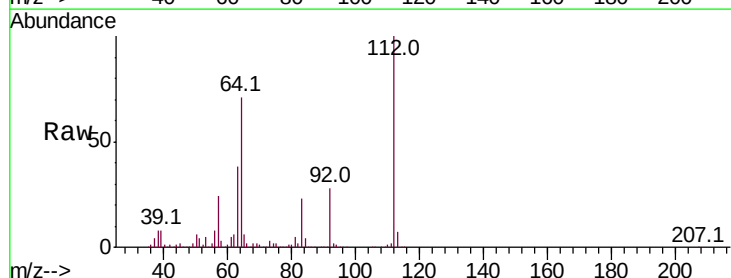
Sohil
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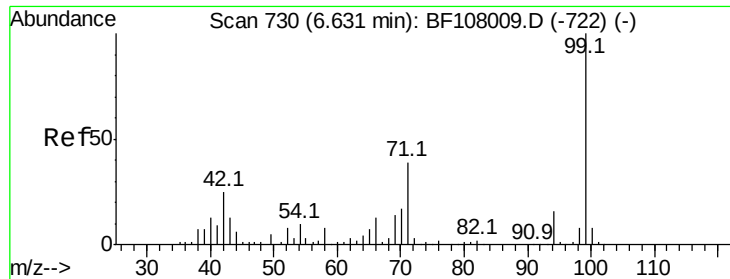


#5

2-Fluorophenol
Concen: 98.726 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108057.D
Acq: 9 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	47.9	71.9
63	37.9	23.7	35.5#





#7

Phenol-d6

Concen: 98.308 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-006-ABCD

Tot Ion: 99 Resp: 1994006

Ion Ratio Lower Upper

99 100

42 25.5 14.5 21.7#

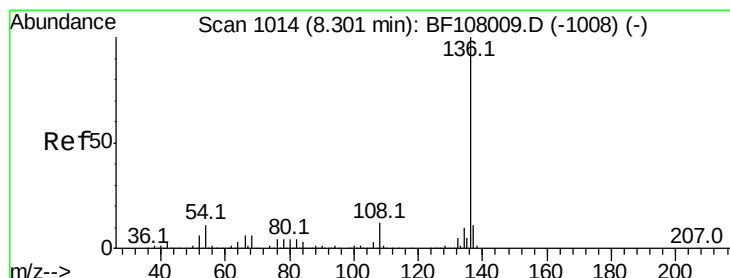
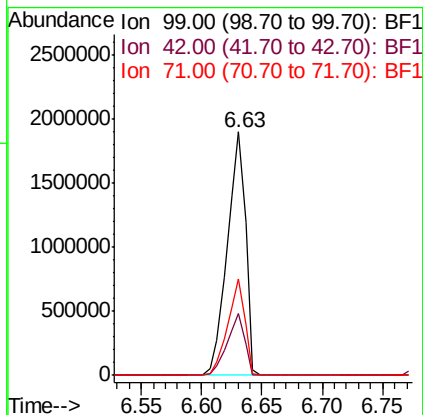
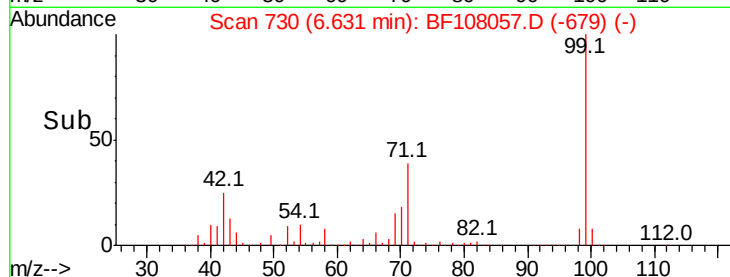
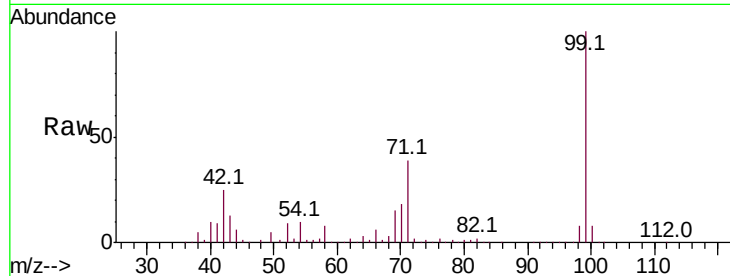
71 39.5 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Tgt Ion: 136 Resp: 1005971

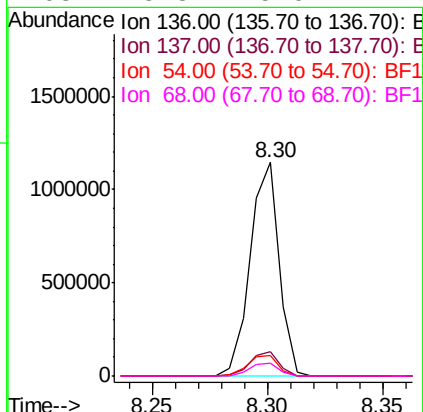
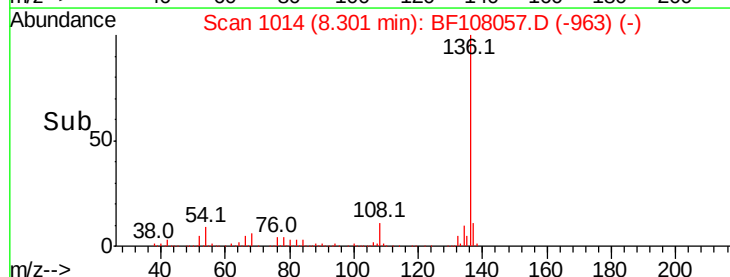
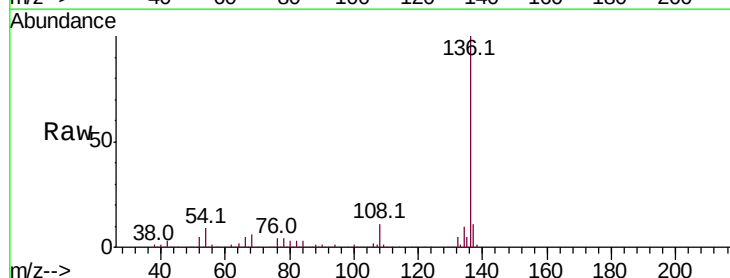
Ion Ratio Lower Upper

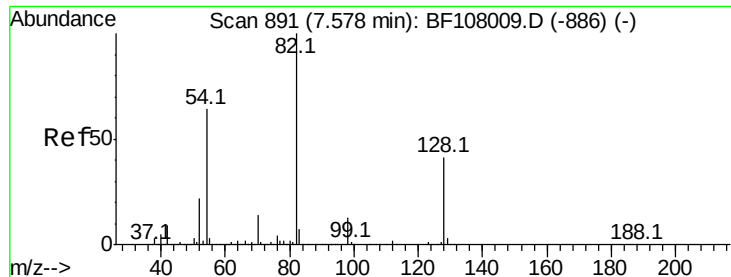
136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 70.286 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-006-ABCD

Tot Ion: 82 Resp: 1267087

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

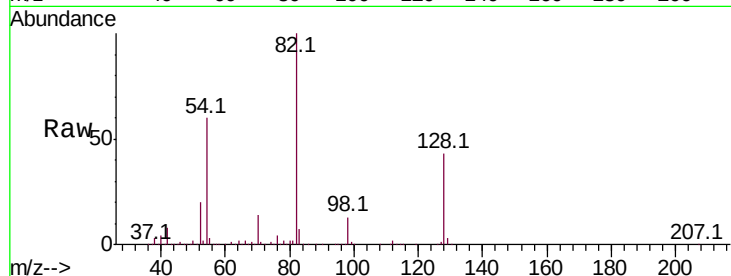
54 60.1 41.4 62.2

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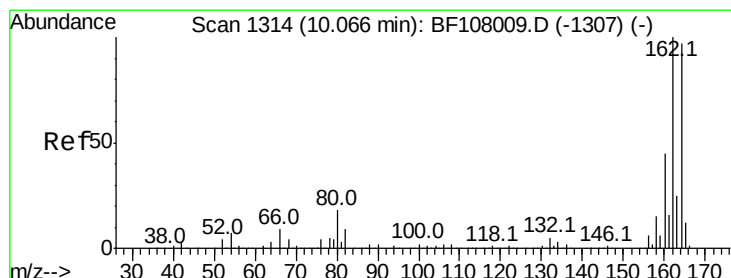
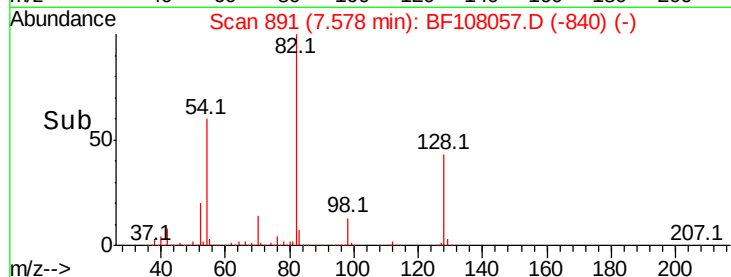
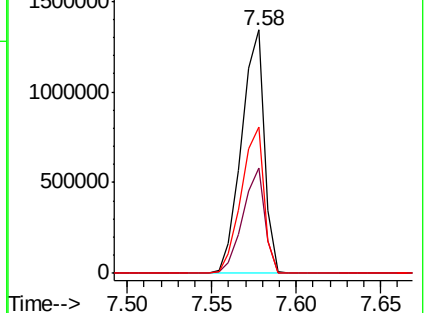
8/10/2018 12:13:18 PM



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

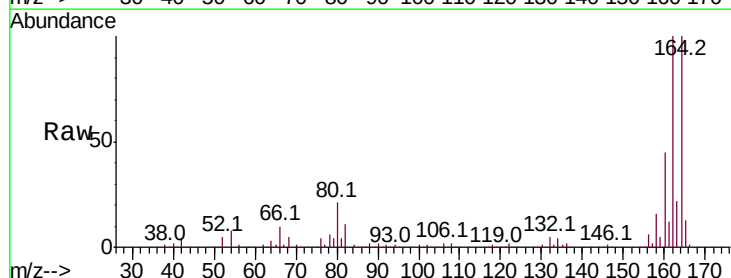
Tgt Ion:164 Resp: 442461

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

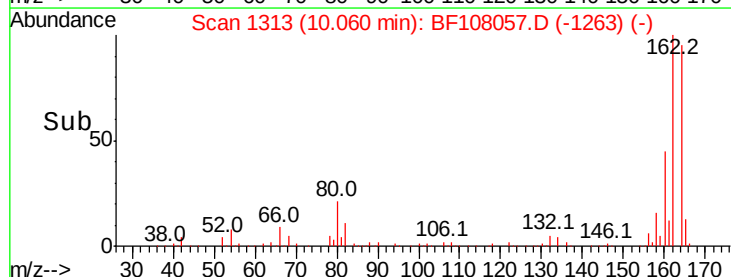
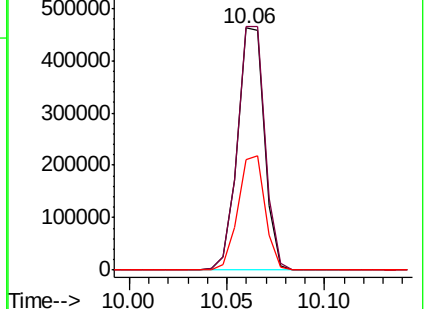
160 45.4 38.3 57.5

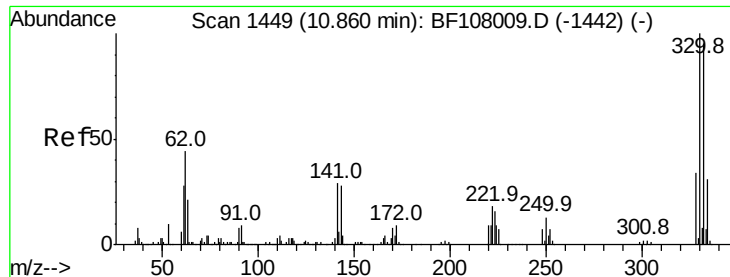


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





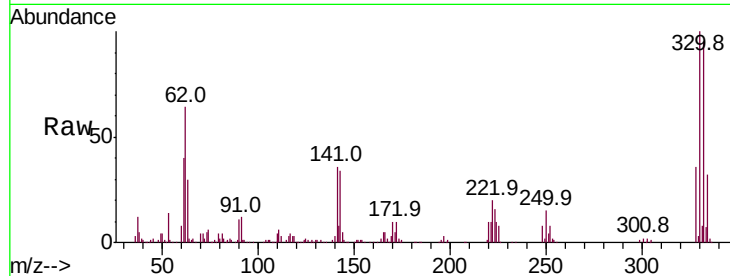
#41
 2,4,6-Tribromophenol
 Concen: 91.530 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108057.D
 Acq: 9 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-006-ABCD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	33.1	29.9	44.9	

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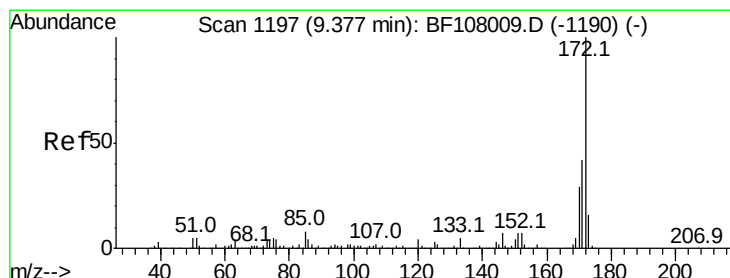
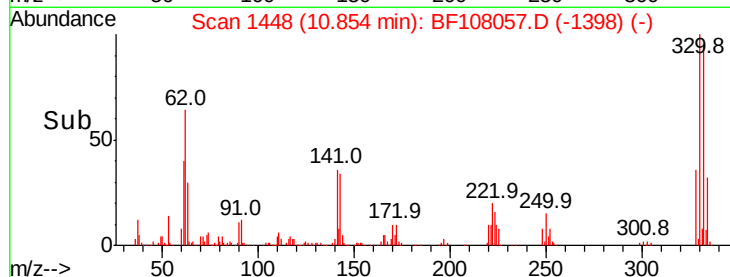
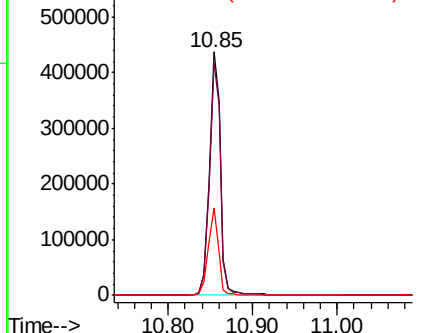


Abundance

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: 76.675 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108057.D
 Acq: 9 Aug 2018 17:22

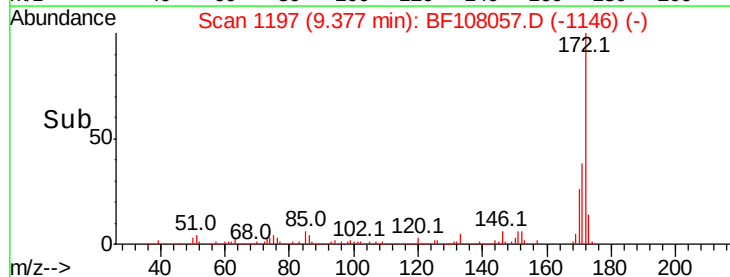
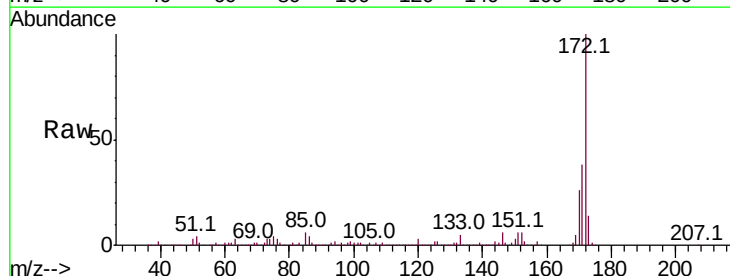
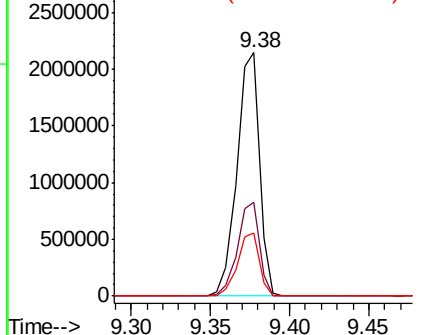
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.3	29.7	44.5	
170	25.8	19.6	29.4	

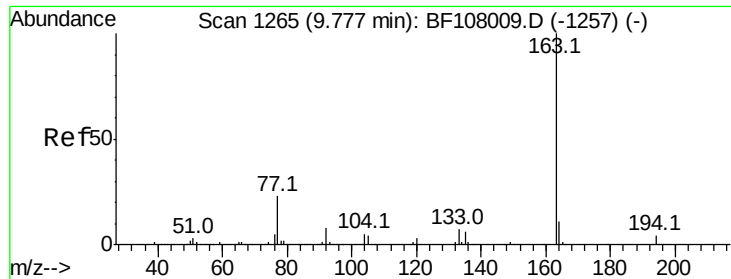
Abundance

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: 6.229 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Instrument :

BNA_F

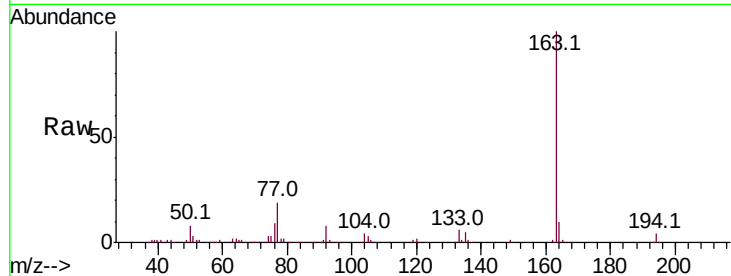
ClientSampleId :

FK-EF-01-006-ABCD

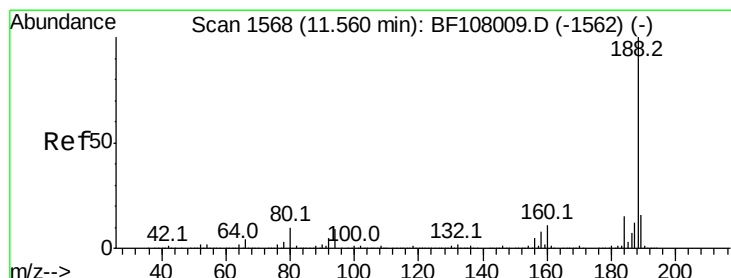
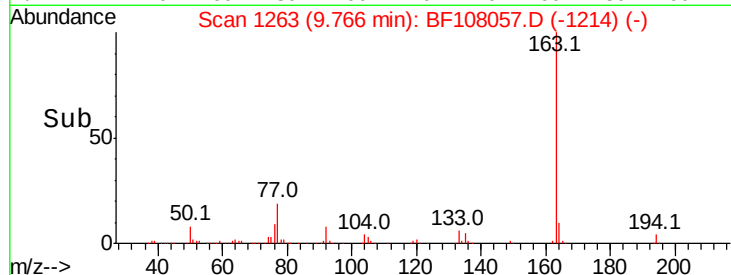
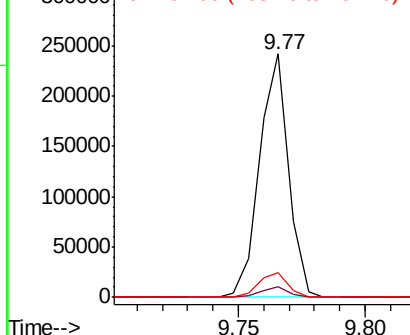
Tot Ion:	163	Resp:	191986
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	10.1	8.2	12.2

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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



#63

Phenanthrene-d10

Concen: 20.000 ng

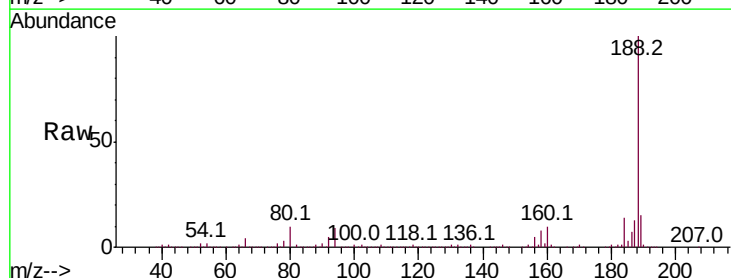
RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

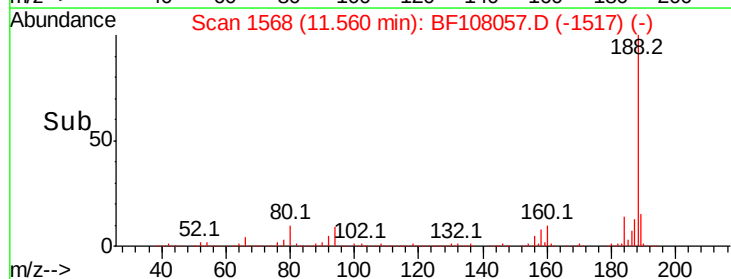
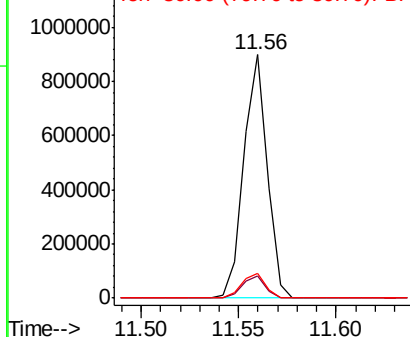
Lab File: BF108057.D

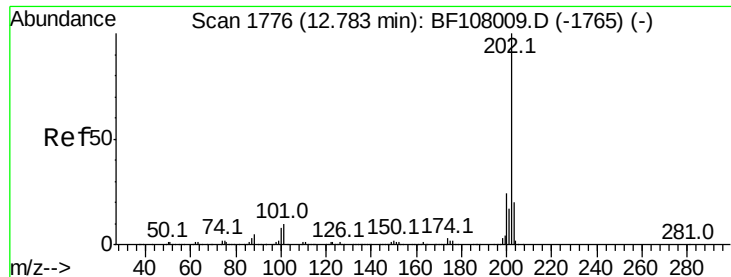
Acq: 9 Aug 2018 17:22

Tgt Ion:	188	Resp:	747035
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	10.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.770 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Instrument :

BNA_F

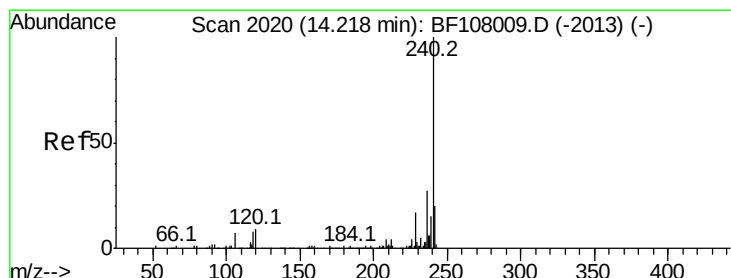
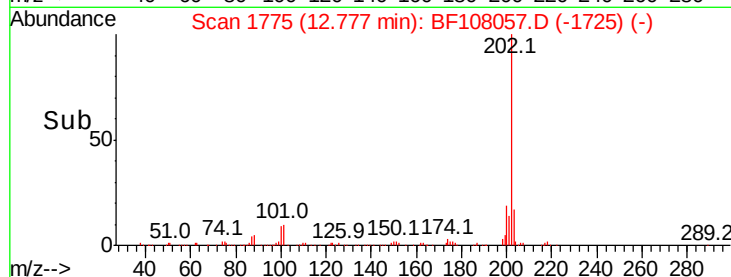
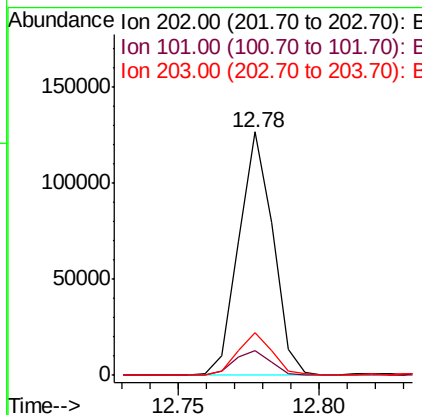
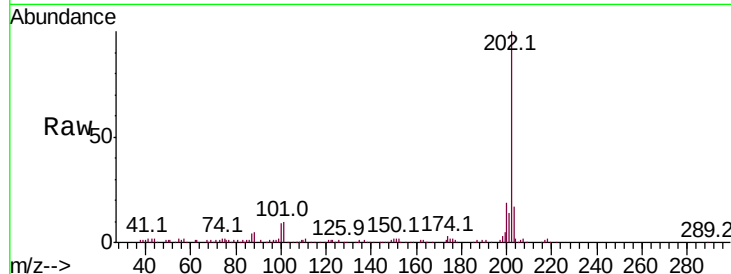
ClientSampleId :

FK-EF-01-006-ABCD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	34.1
203	17.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

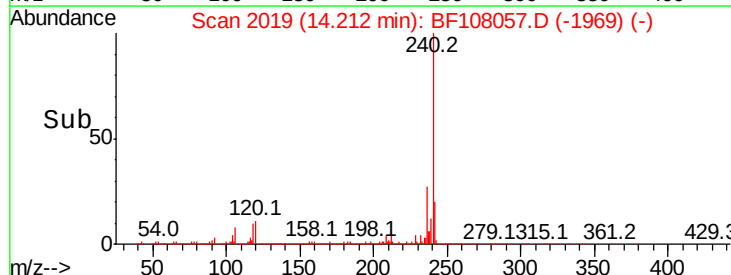
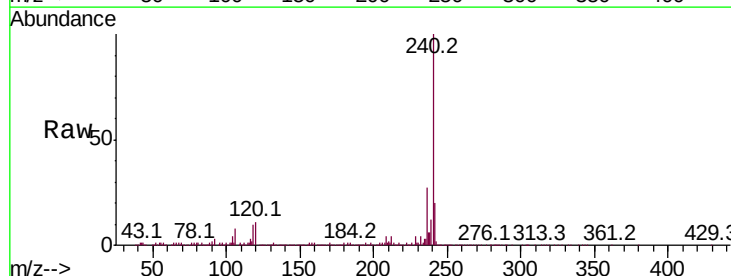
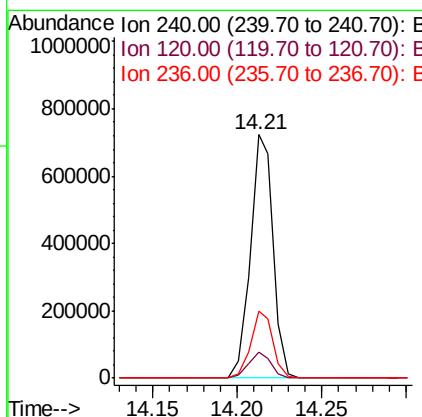
RT: 14.21 min Scan# 2019

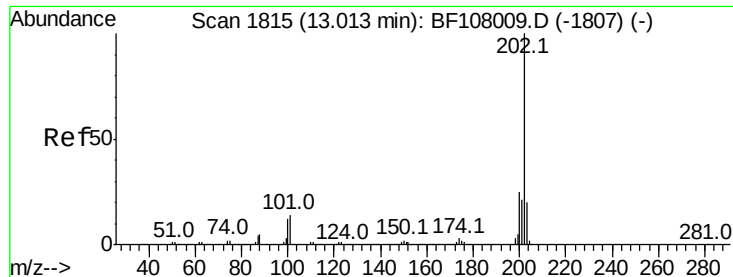
Delta R.T. -0.01 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.9	9.5	14.3
236	27.3	20.7	31.1





#77

Pvrene

Concen: 2.622 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Instrument :

BNA_F

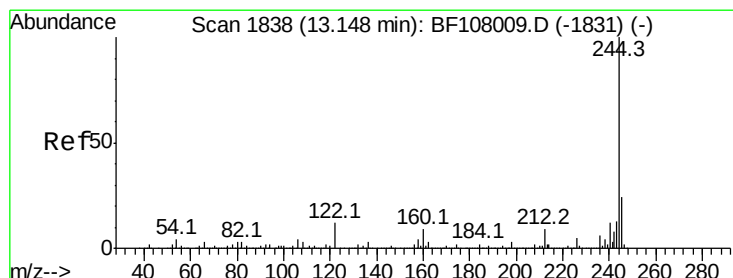
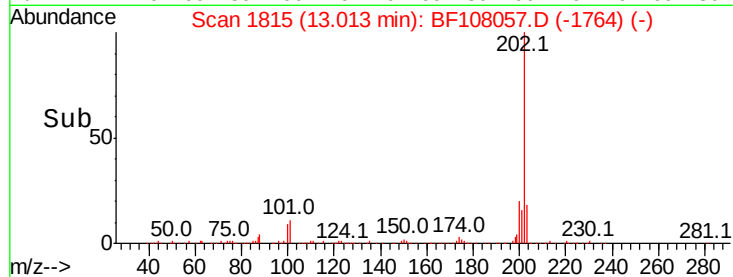
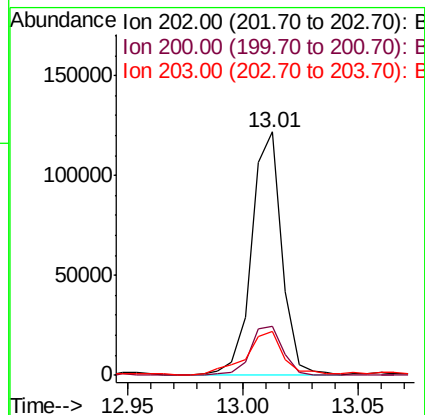
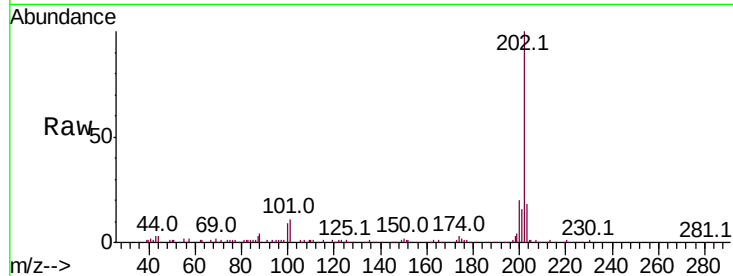
ClientSampleId :

FK-EF-01-006-ABCD

Tot Ion:	202	Resp:	112280
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.4	26.2
203	18.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 72.690 ng

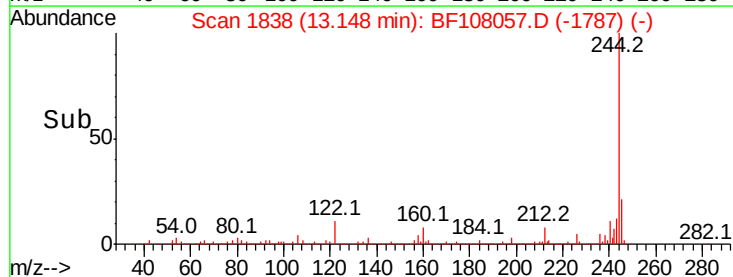
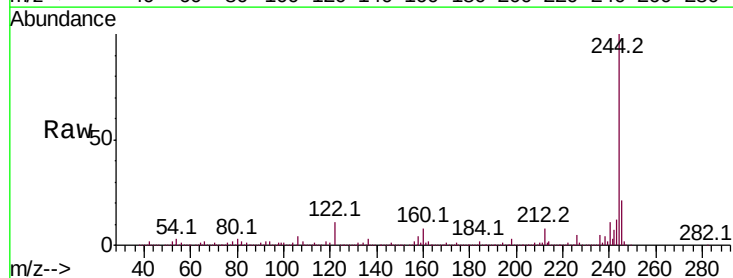
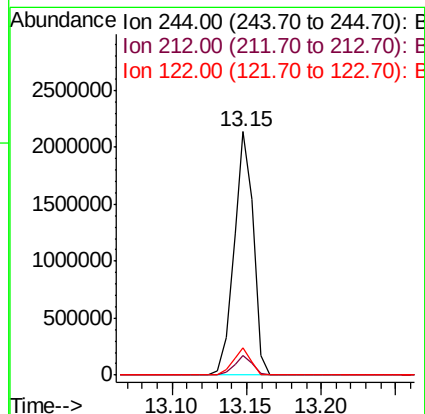
RT: 13.15 min Scan# 1838

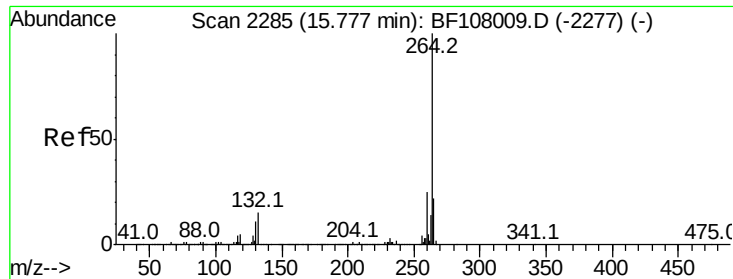
Delta R.T. 0.00 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Tgt Ion:	244	Resp:	1933522
Ion Ratio		Lower	Upper
244	100		
212	7.8	5.4	8.0
122	11.3	11.0	16.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Instrument :

BNA_F

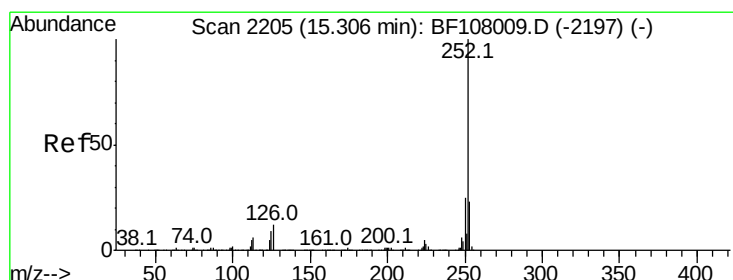
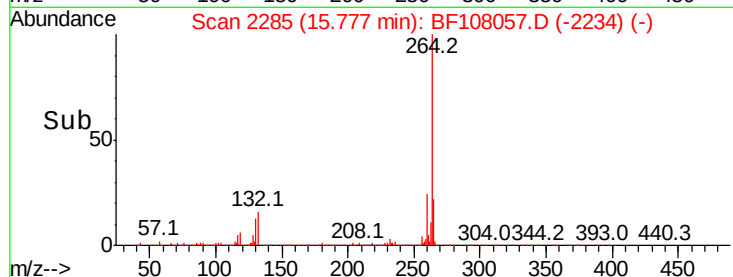
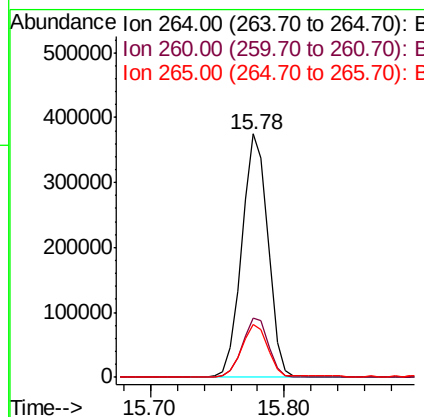
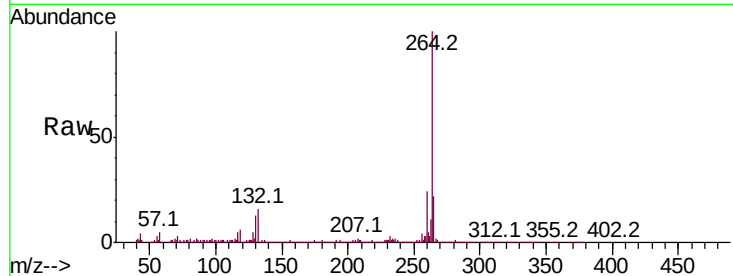
ClientSampleId :

FK-EF-01-006-ABCD

Tot Ion:	264	Resp:	502389
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	21.9	17.5	26.3

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:18 PM



#87

Benzo(b)fluoranthene

Concen: 2.376 ng m

RT: 15.31 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF108057.D

Acq: 9 Aug 2018 17:22

Tgt Ion:	252	Resp:	71338
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.0	25.6#
125	13.4	9.0	13.6

