

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108939.D
 Acq On : 11 Sep 2018 17:03
 Operator : JU/SJ
 Sample : J4838-07 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-1A-C-090718-1

Manual Integrations
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Sohil
 9/12/2018 9:11:56 AM

Quant Time: Sep 11 17:51:58 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	181459	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	701884	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	312101	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	521169	20.00	ng	0.00
75) Chrysene-d12	13.87	240	418316	20.00	ng	0.00
86) Perylene-d12	15.28	264	495517	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	359381	32.81	ng	0.00
7) Phenol-d6	6.36	99	467157	33.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	284494	25.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	88551	29.72	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	489273	26.74	ng	0.00
78) Terphenyl-d14	12.82	244	340879	19.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	160048	7.332	ng	99
70) Phenanthrene	11.27	178	52427	2.107	ng	98
74) Fluoranthene	12.45	202	84503	3.429	ng	98
77) Pyrene	12.68	202	75944	2.359	ng	98
87) Benzo(b)fluoranthene	14.88	252	60722m	2.254	ng	

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

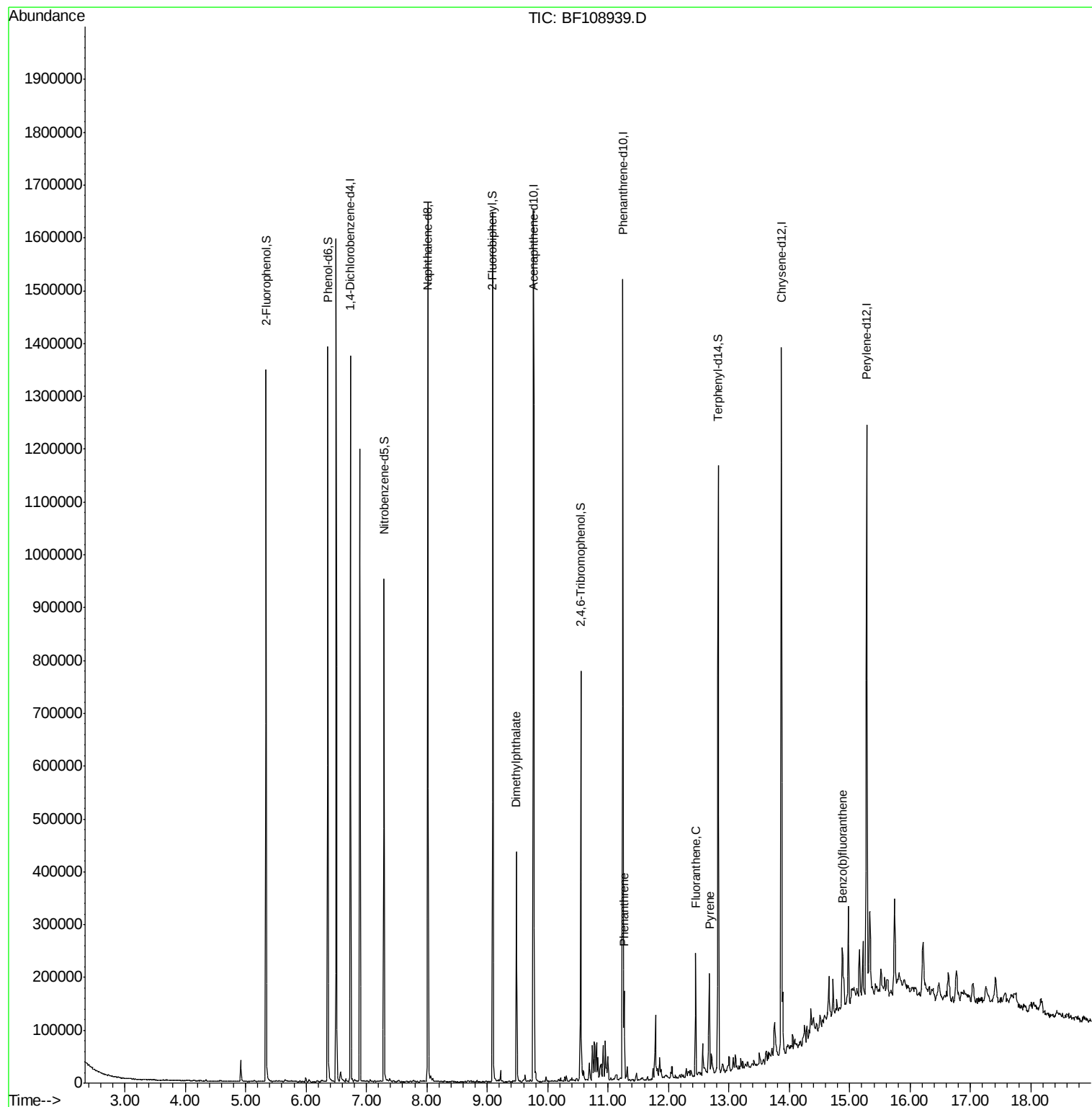
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
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ALS Vial : 14 Sample Multiplier: 1

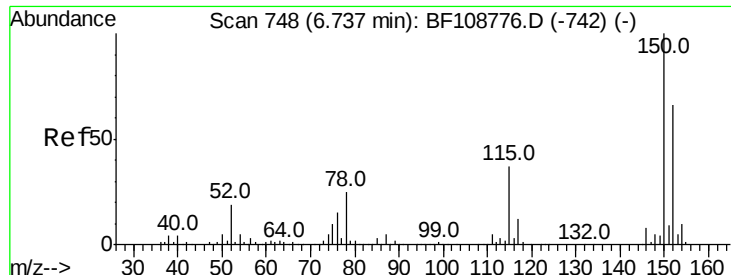
Instrument :
BNA_F
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SUP-1A-C-090718-1

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9/12/2018 9:11:56 AM

Quant Time: Sep 11 17:51:58 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108939.D

Acq: 11 Sep 2018 17:03

Instrument :

BNA_F

ClientSampleId :

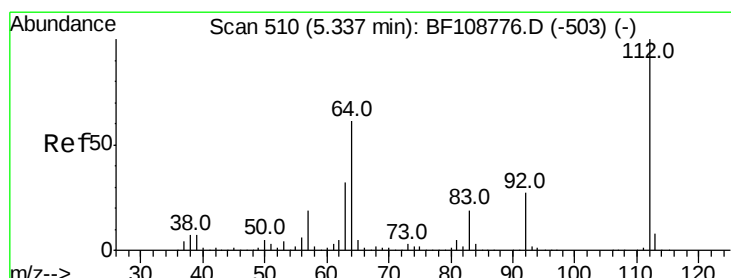
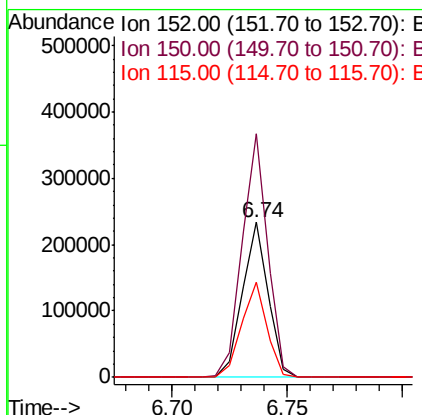
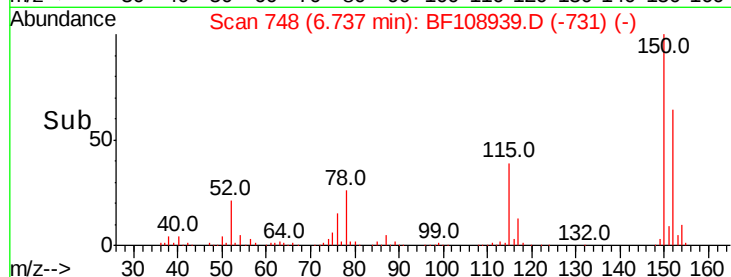
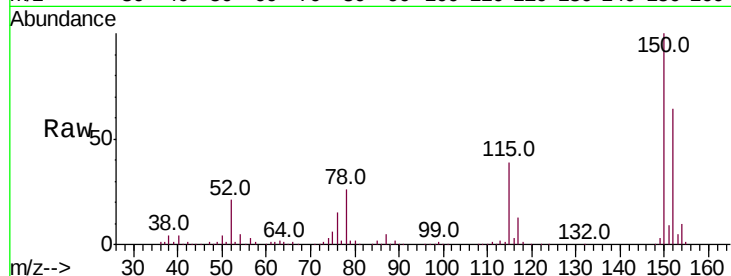
SUP-1A-C-090718-1

Tot Ion:	152	Resp:	181459
Ion Ratio	Lower	Upper	
152	100		
150	157.3	124.6	186.8
115	61.3	50.1	75.1

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#5

2-Fluorophenol

Concen: 32.810 ng

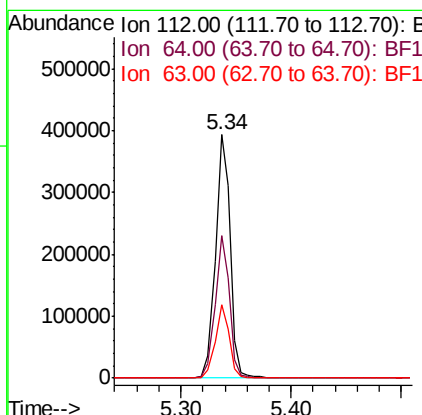
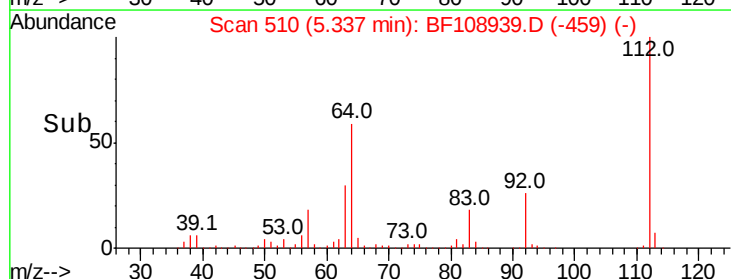
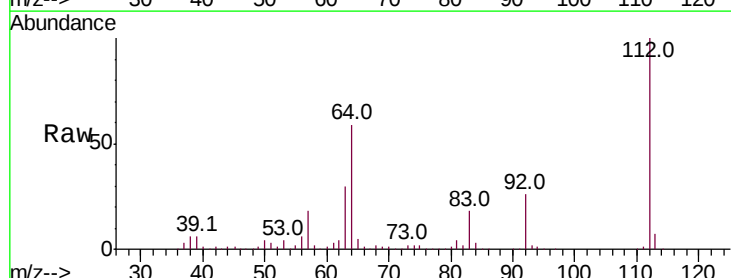
RT: 5.34 min Scan# 510

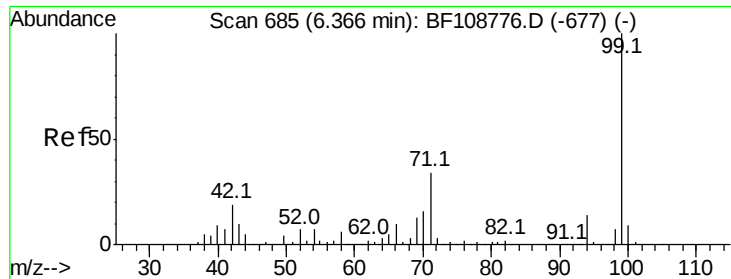
Delta R.T. 0.00 min

Lab File: BF108939.D

Acq: 11 Sep 2018 17:03

Tgt Ion:	112	Resp:	359381
Ion Ratio	Lower	Upper	
112	100		
64	58.8	47.9	71.9
63	30.0	23.7	35.5





#7

Phenol-d6

Concen: 33.148 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108939.D

Acq: 11 Sep 2018 17:03

Instrument :

BNA_F

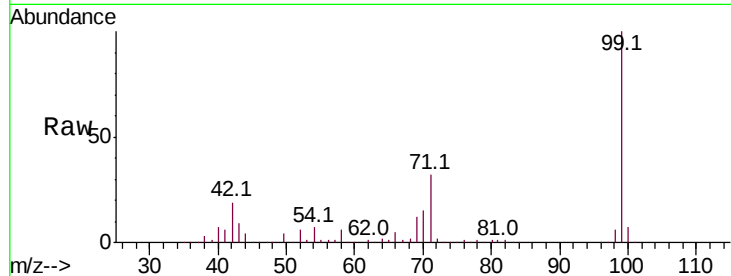
ClientSampleId :

SUP-1A-C-090718-1

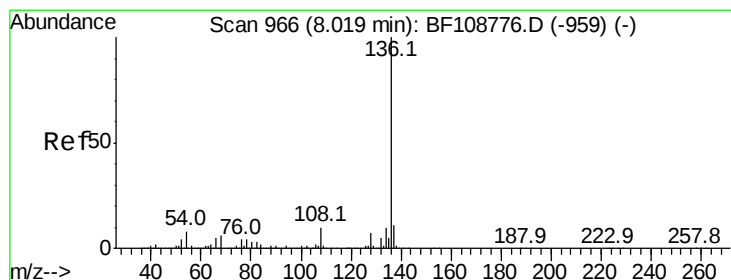
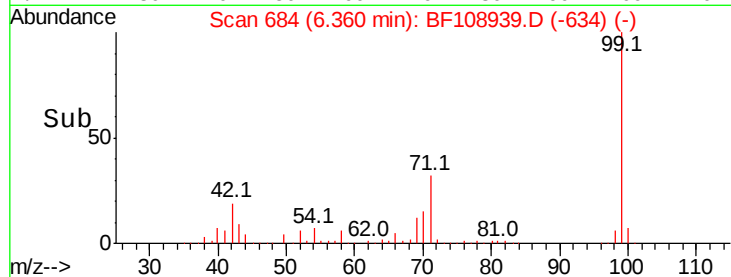
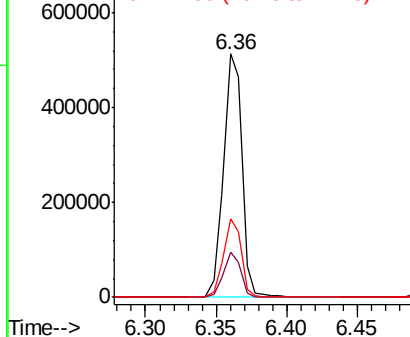
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		467157		
42	18.6	14.5	21.7		
71	32.5	25.4	38.0		

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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

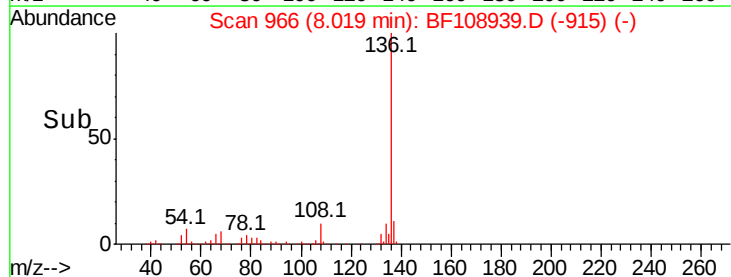
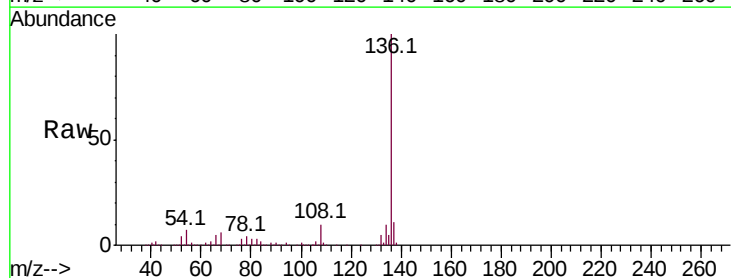
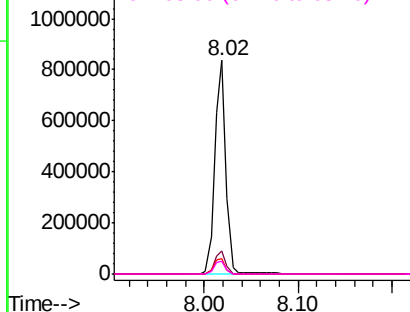
Delta R.T. -0.00 min

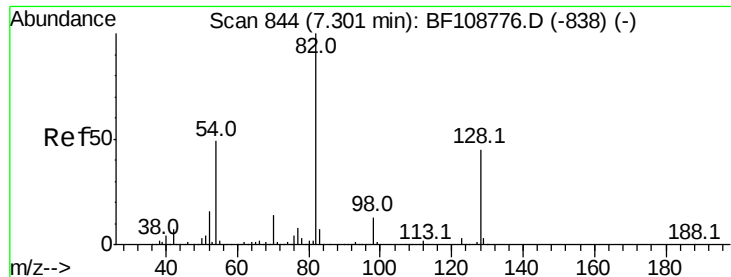
Lab File: BF108939.D

Acq: 11 Sep 2018 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		701884		
137	10.7	8.9	13.3		
54	7.3	6.6	9.8		
68	6.2	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





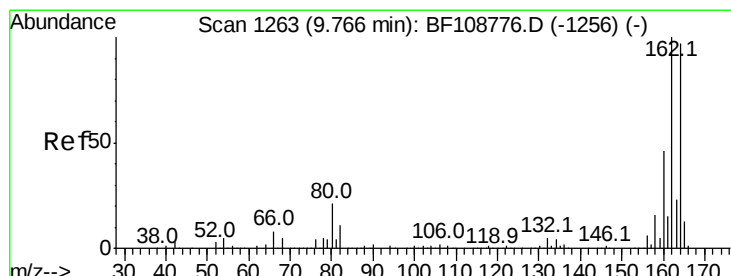
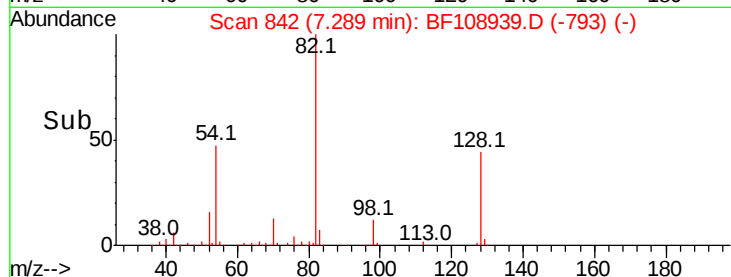
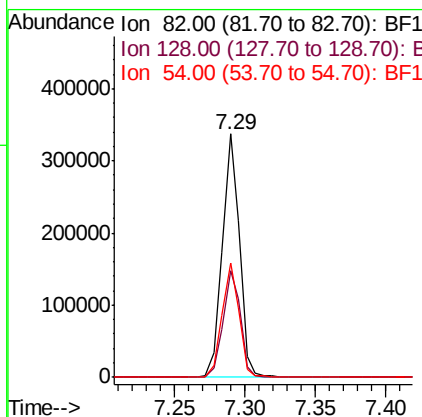
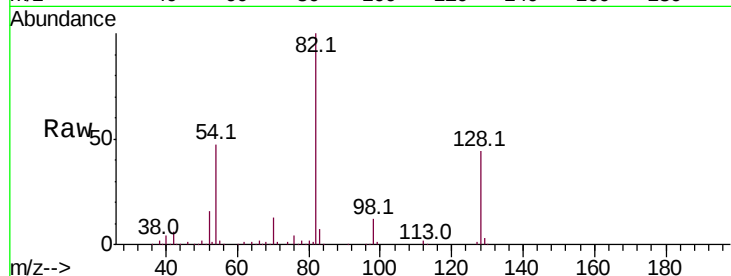
#23
 Nitrobenzene-d5
 Concen: 25.366 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108939.D
 Acq: 11 Sep 2018 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SUP-1A-C-090718-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	47.1	41.4	62.2

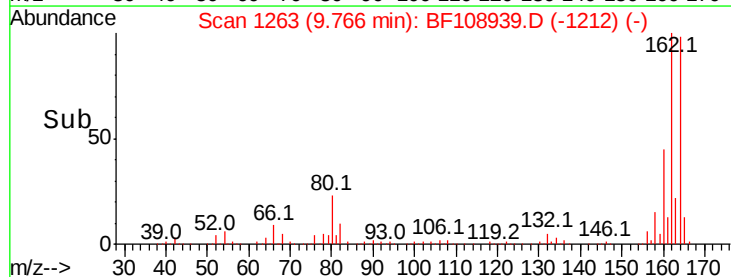
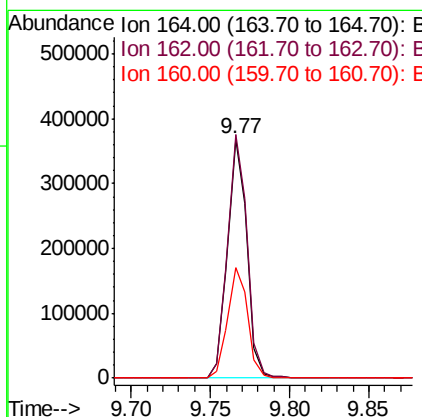
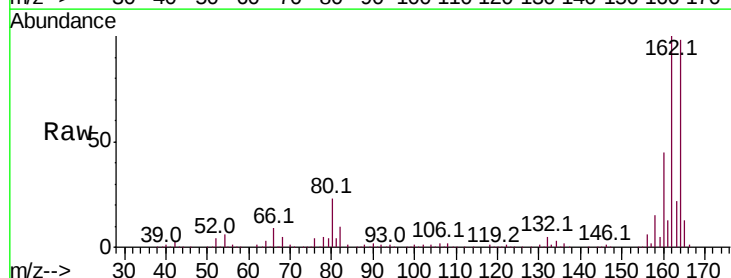
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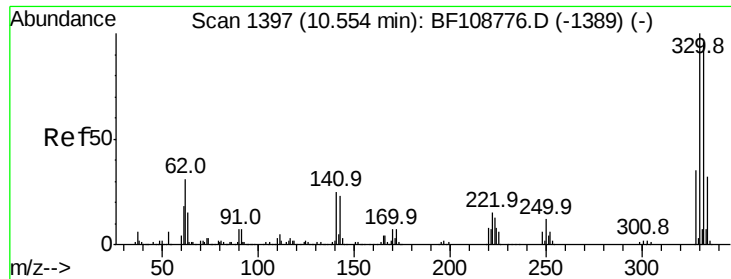
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108939.D
 Acq: 11 Sep 2018 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.2	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 29.720 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108939.D

Acq: 11 Sep 2018 17:03

Instrument :

BNA_F

ClientSampleId :

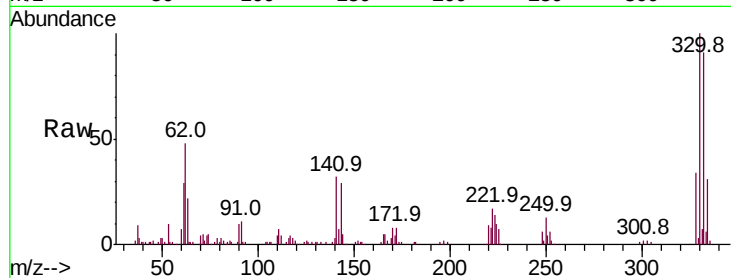
SUP-1A-C-090718-1

Tot Ion:	330	Resp:	88551
Ion Ratio	Lower	Upper	
330	100		
332	93.4	77.0	115.6
141	32.4	29.9	44.9

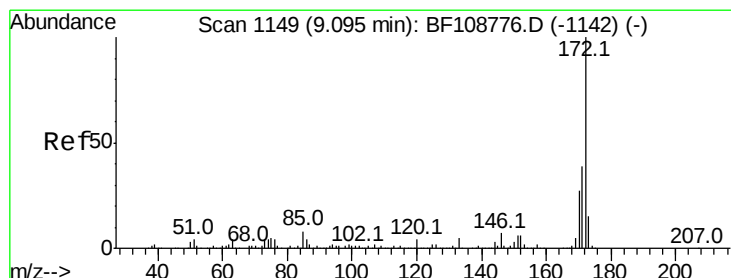
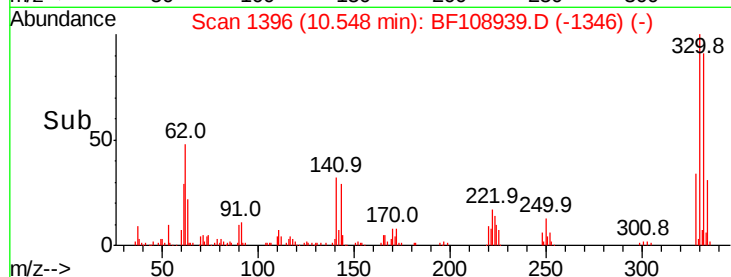
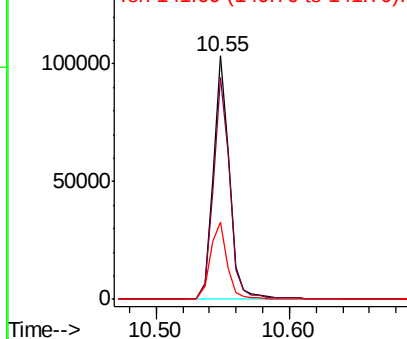
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 26.744 ng

RT: 9.09 min Scan# 1148

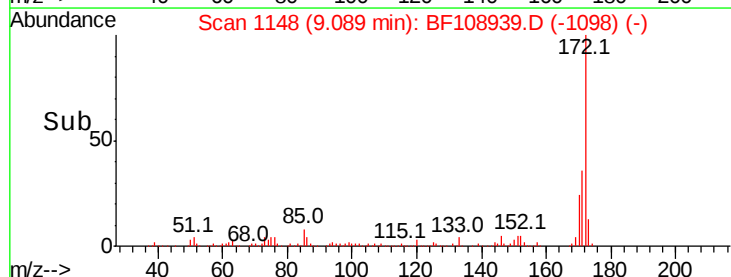
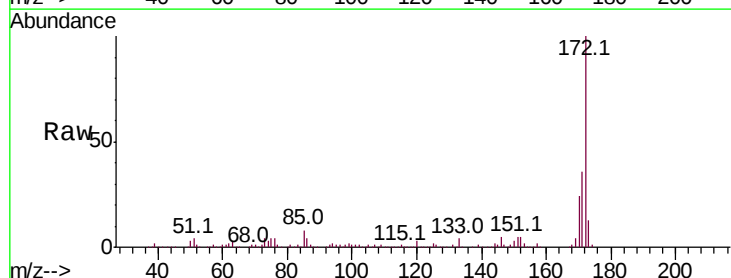
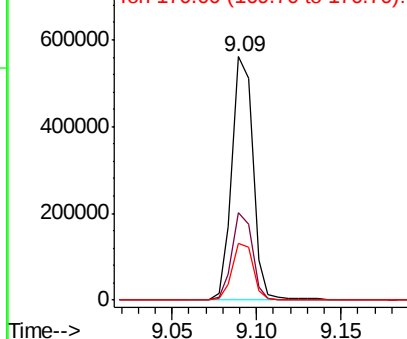
Delta R.T. -0.01 min

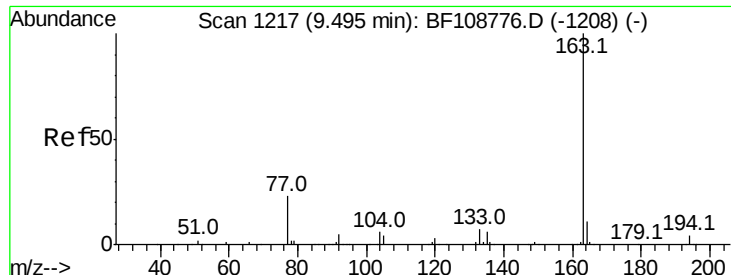
Lab File: BF108939.D

Acq: 11 Sep 2018 17:03

Tgt Ion:	172	Resp:	489273
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.7	44.5
170	23.6	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





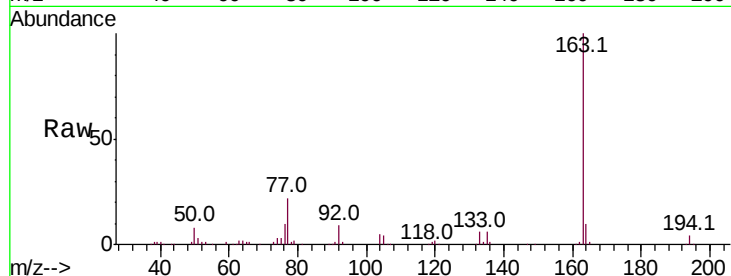
#49
Dimethylphthalate
Concen: 7.332 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :
SUP-1A-C-090718-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	160048		
194	3.8	2.7	4.1	
164	10.4	8.2	12.2	

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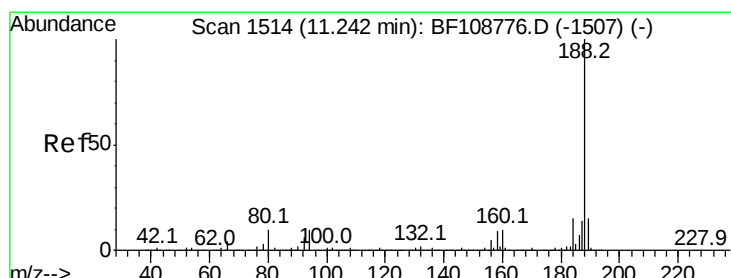
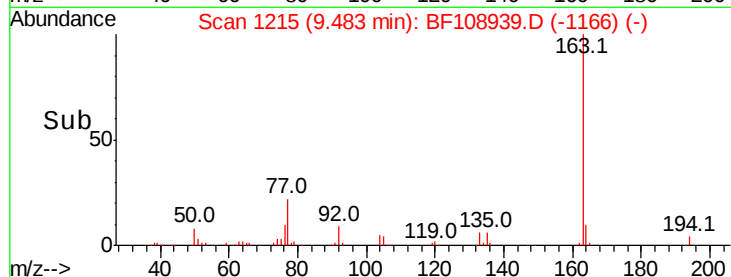
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

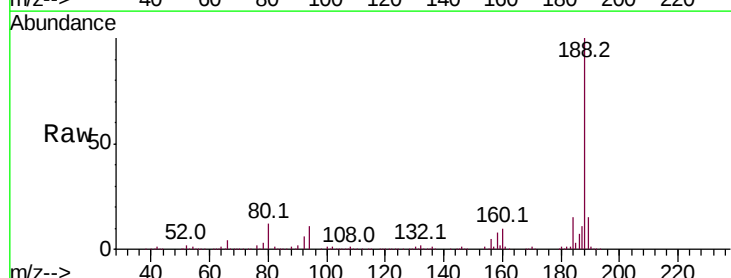
Ion 164.00 (163.70 to 164.70): E

Time-->



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	521169		
94	10.9	8.5	12.7	
80	11.7	9.2	13.8	



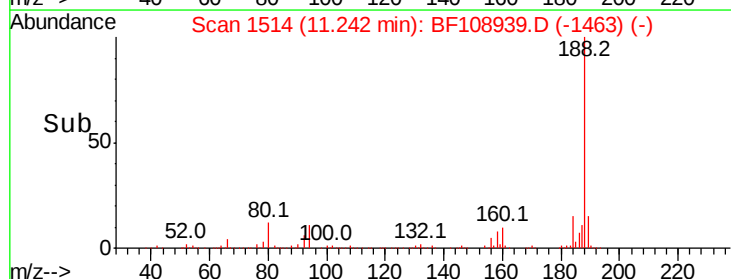
Abundance

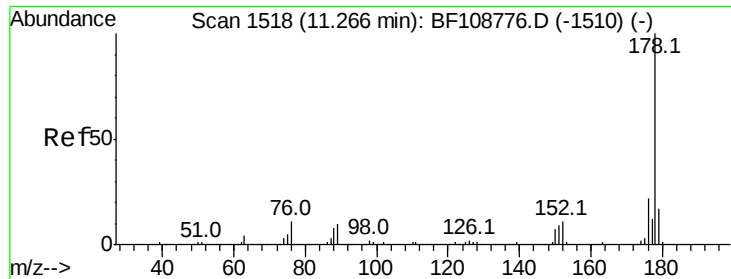
Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->





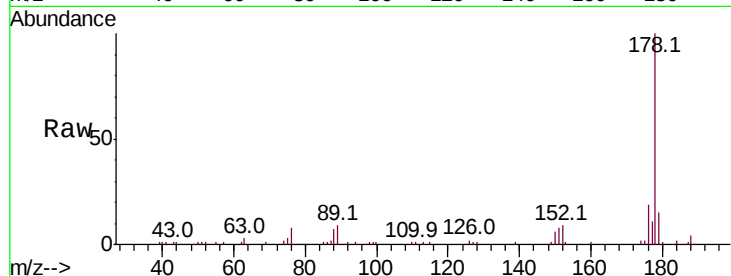
#70
Phenanthrene
Concen: 2.107 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :
SUP-1A-C-090718-1

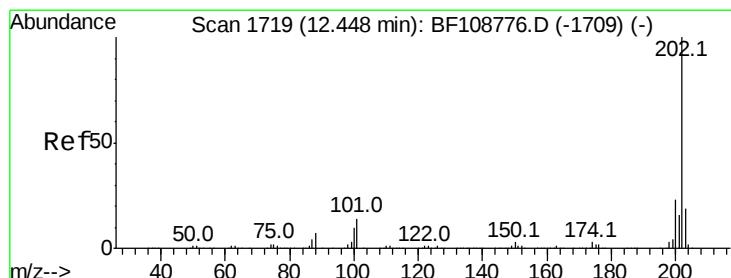
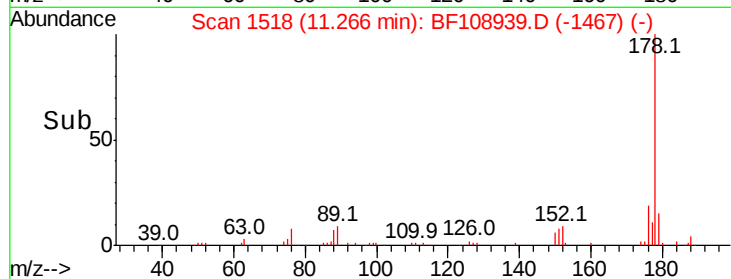
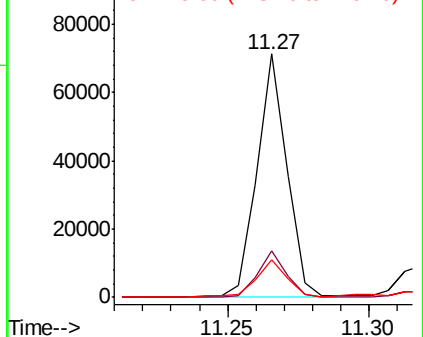
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6

Manual Integrations
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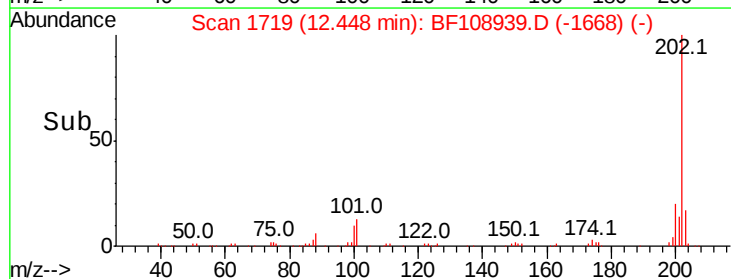
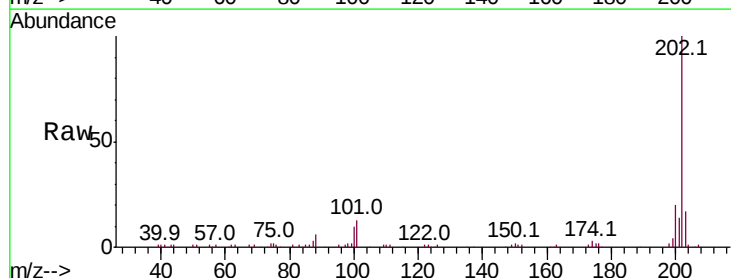
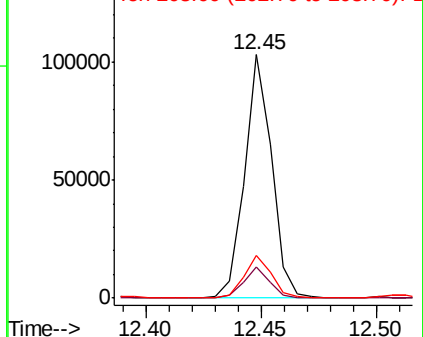
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

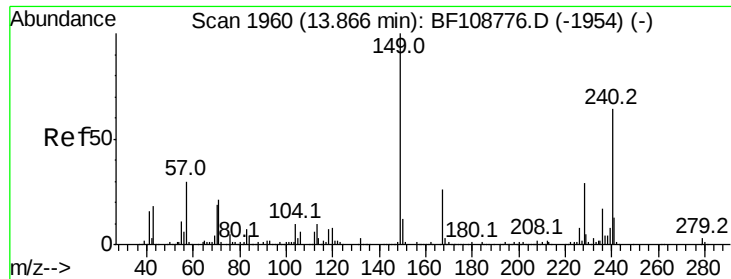


#74
Fluoranthene
Concen: 3.429 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.3	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





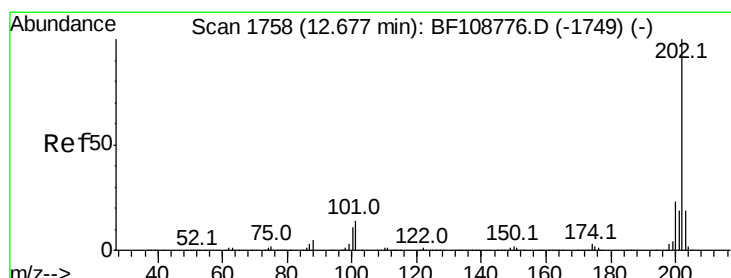
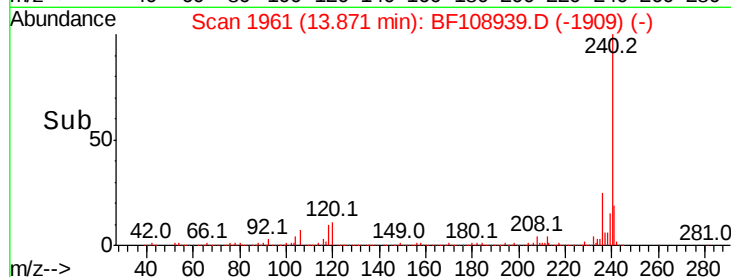
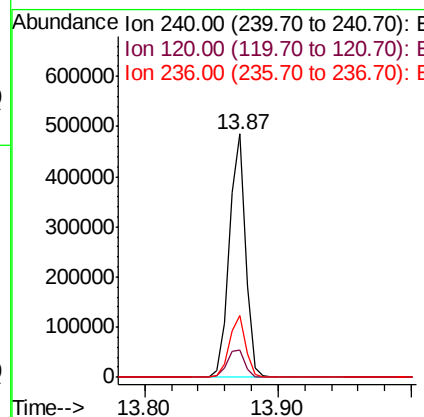
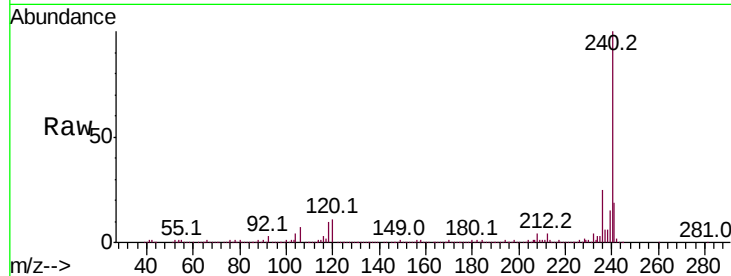
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :
SUP-1A-C-090718-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.2	20.7	31.1

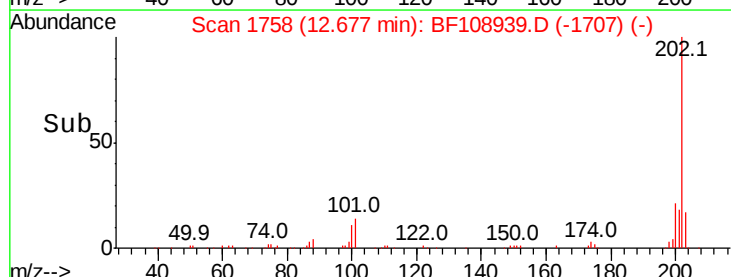
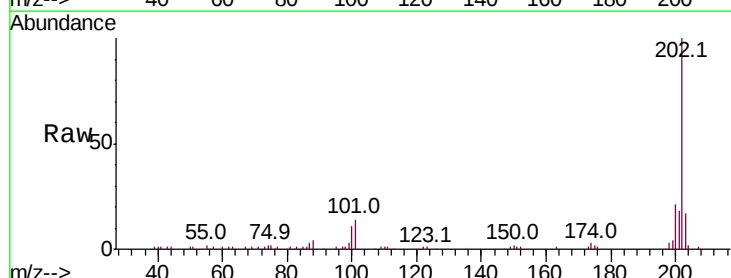
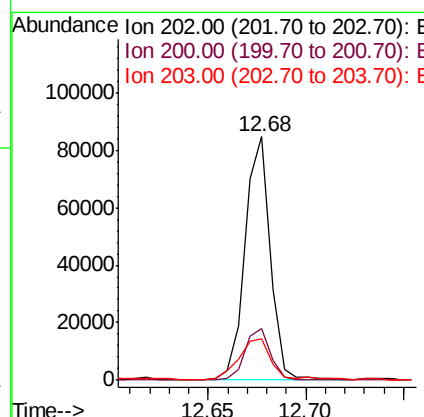
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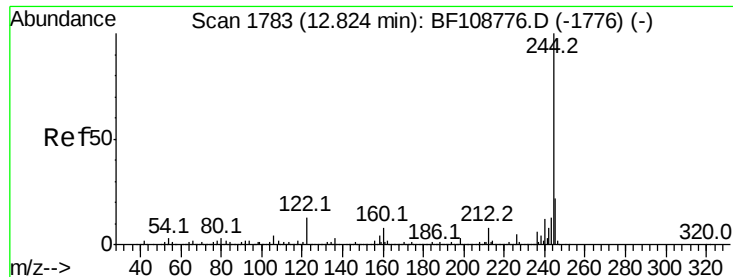
Sohil
9/12/2018 9:11:56 AM



#77
Pyrene
Concen: 2.359 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.1	14.3	21.5





#78

Terphenyl-d14

Concen: 19.002 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108939.D

Acq: 11 Sep 2018 17:03

Instrument :

BNA_F

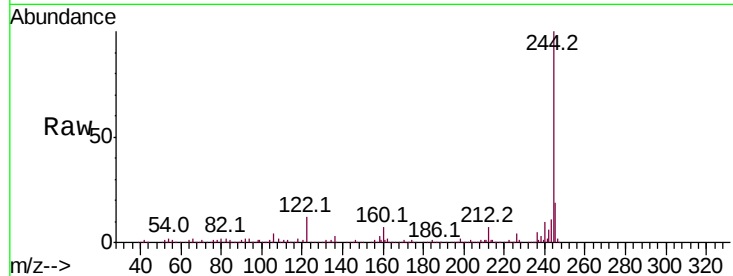
ClientSampleId :

SUP-1A-C-090718-1

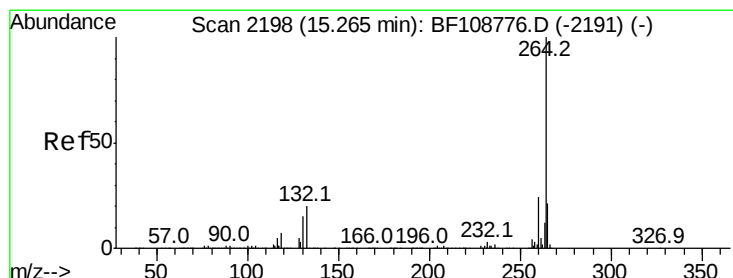
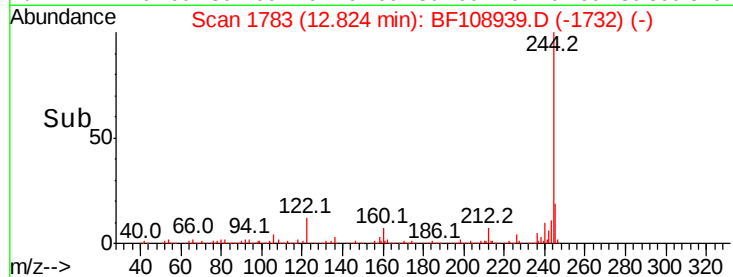
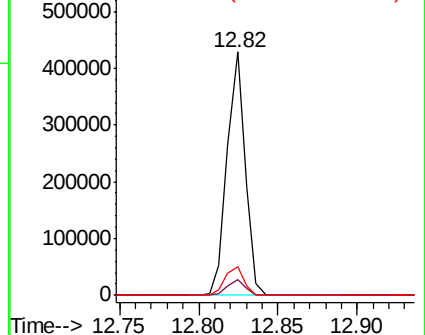
Tot Ion:	244	Resp:	340879
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.8	11.0	16.4

Manual Integrations
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9/12/2018 9:11:56 AM



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



#86

Perylene-d12

Concen: 20.000 ng

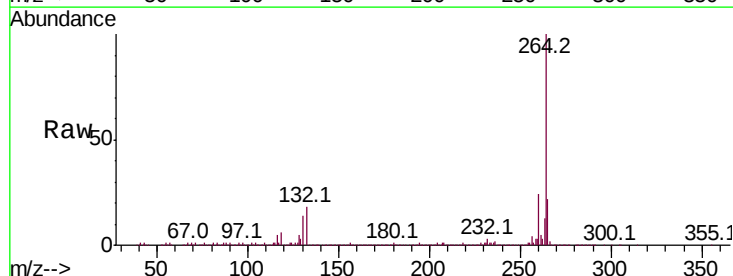
RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

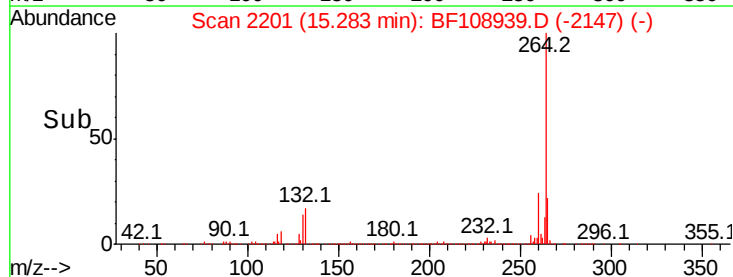
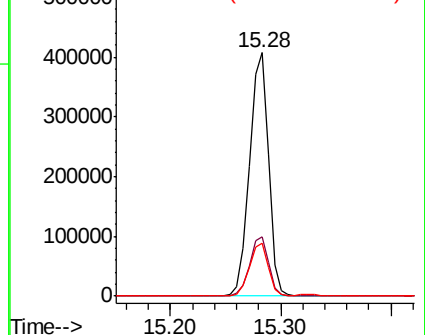
Lab File: BF108939.D

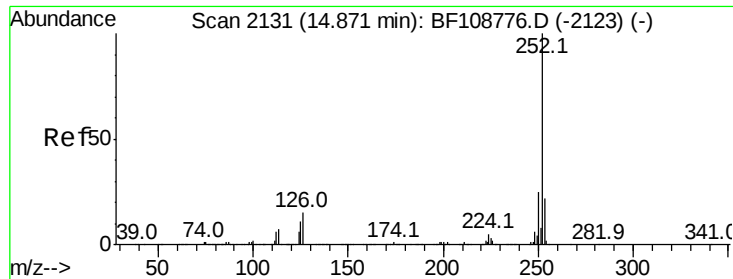
Acq: 11 Sep 2018 17:03

Tgt Ion:	264	Resp:	495517
Ion Ratio		Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.5	26.3



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





#87
 Benzo(b)fluoranthene
 Concen: 2.254 ng m
 RT: 14.88 min Scan# 2132
 Delta R.T. 0.01 min
 Lab File: BF108939.D
 Acq: 11 Sep 2018 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SUP-1A-C-090718-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	13.8	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 9/12/2018 9:11:56 AM

