

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108944.D
 Acq On : 11 Sep 2018 19:17
 Operator : JU/SJ
 Sample : J4838-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 9/12/2018 9:12:03 AM

Quant Time: Sep 12 03:47:23 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	173211	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	650176	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	298417	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	504430	20.00	ng	0.00
75) Chrysene-d12	13.87	240	404876	20.00	ng	0.00
86) Perylene-d12	15.28	264	460964	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	735571	70.35	ng	0.01
7) Phenol-d6	6.37	99	955128	71.00	ng	0.00
23) Nitrobenzene-d5	7.30	82	594581	57.23	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	204051	71.63	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	963734	55.09	ng	0.00
78) Terphenyl-d14	12.82	244	742139	42.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	362813	17.383	ng	99
74) Fluoranthene	12.45	202	88237	3.700	ng	97
77) Pyrene	12.68	202	81655	2.621	ng	95
87) Benzo(b)fluoranthene	14.88	252	67852m	2.707	ng	
89) Benzo(a)pyrene	15.22	252	48388	2.139	ng	99

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

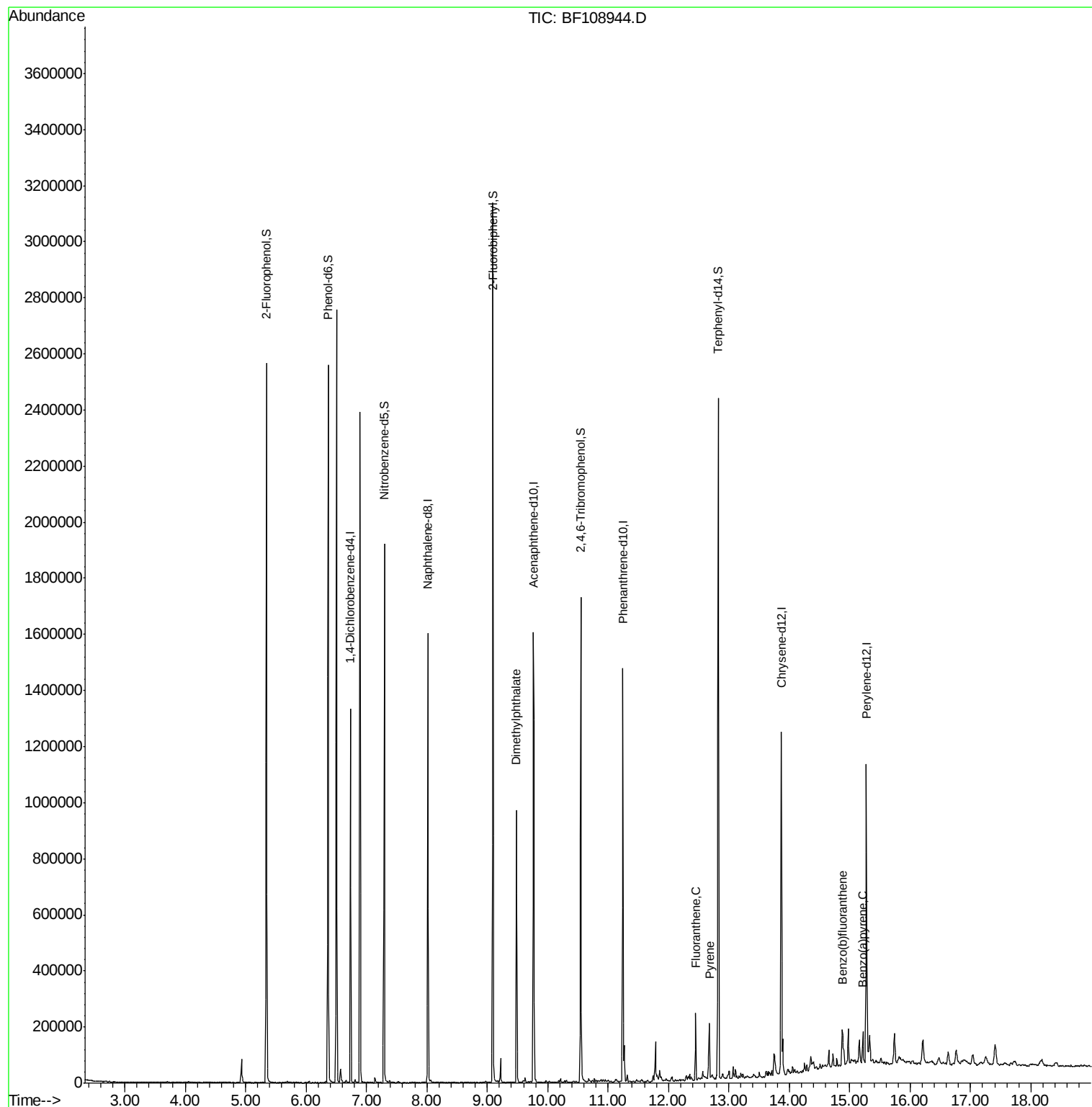
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
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#1

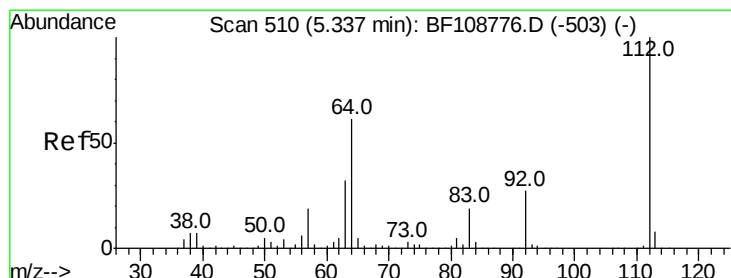
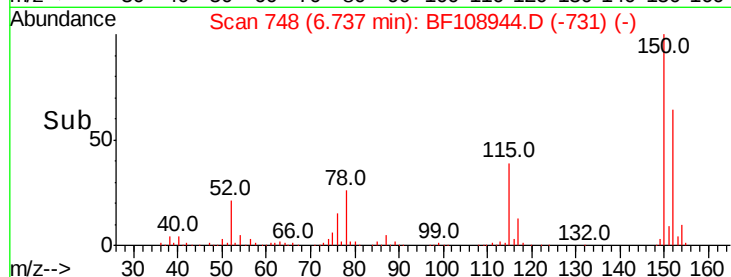
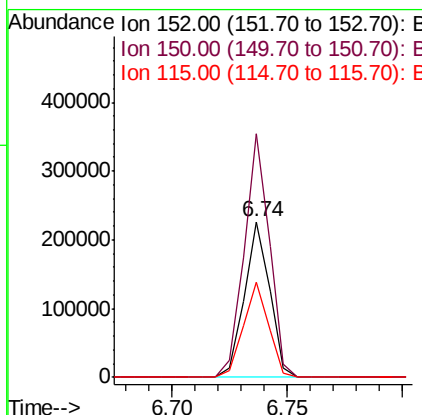
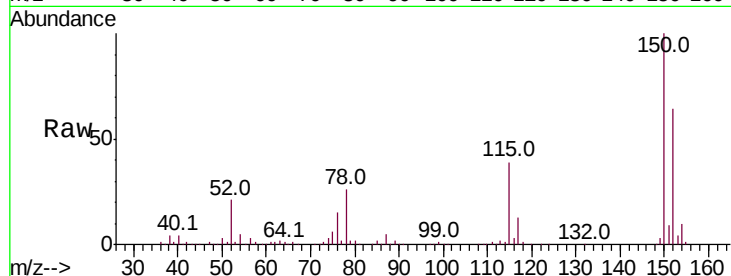
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108944.D
Acq: 11 Sep 2018 19:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.1	50.1	75.1

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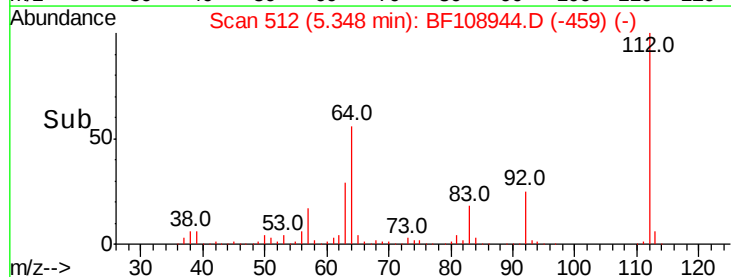
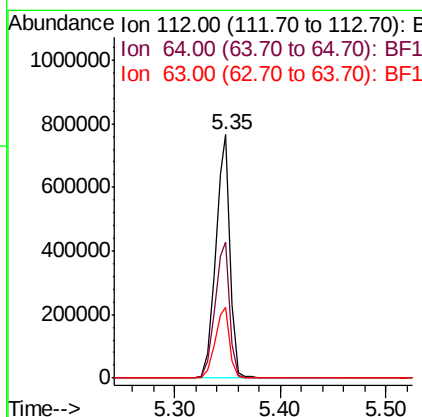
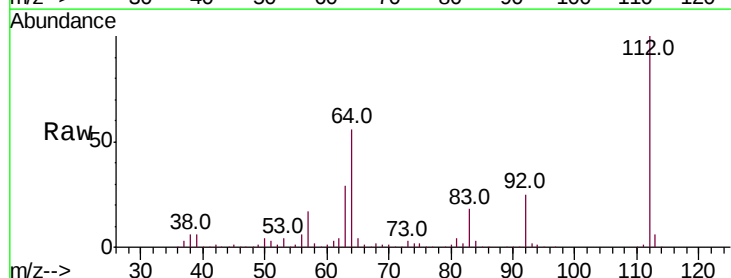
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#5

2-Fluorophenol
Concen: 70.353 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108944.D
Acq: 11 Sep 2018 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 71.000 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108944.D

Acq: 11 Sep 2018 19:17

Instrument :

BNA_F

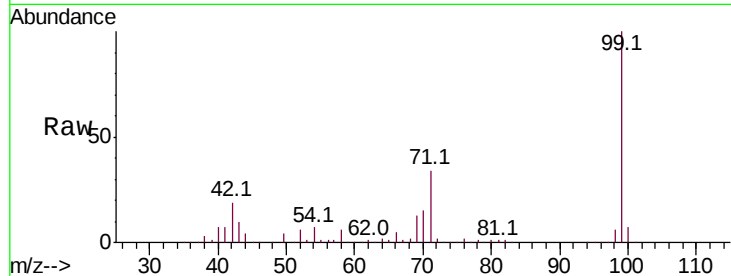
ClientSampleId :

SUP-1B-C-090718-1

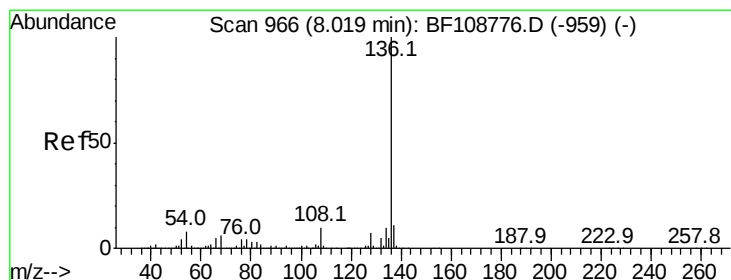
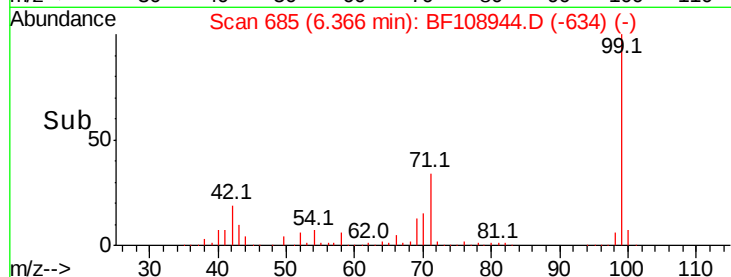
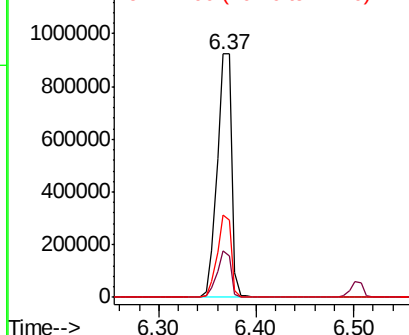
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		955128		
42	19.1	14.5	21.7		
71	33.6	25.4	38.0		

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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

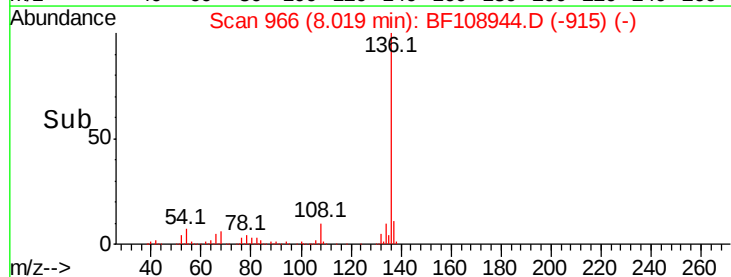
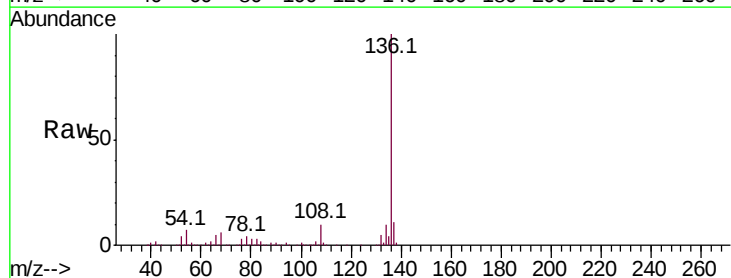
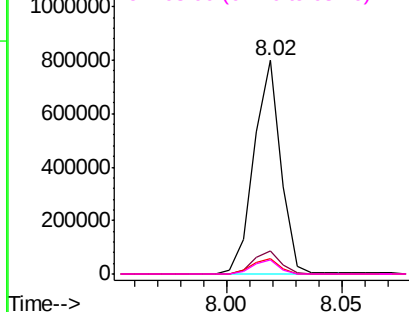
Delta R.T. 0.00 min

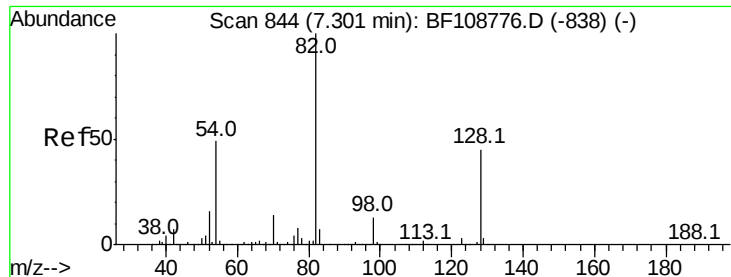
Lab File: BF108944.D

Acq: 11 Sep 2018 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		650176		
137	10.9	8.9	13.3		
54	7.5	6.6	9.8		
68	6.4	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





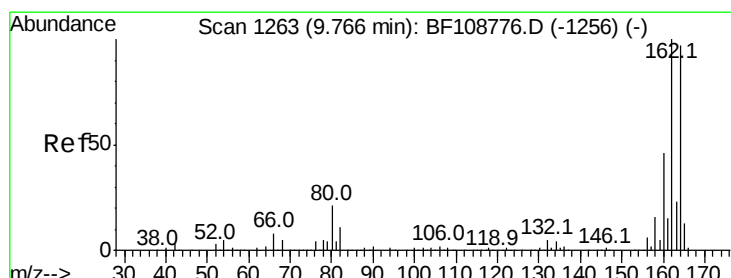
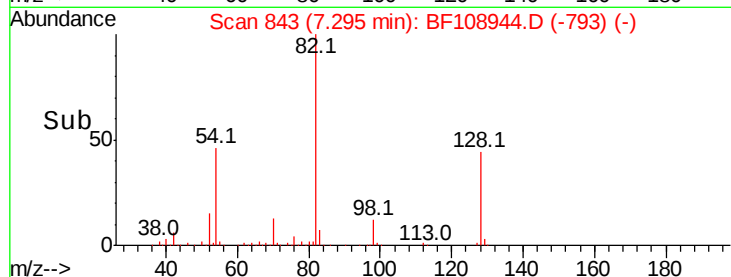
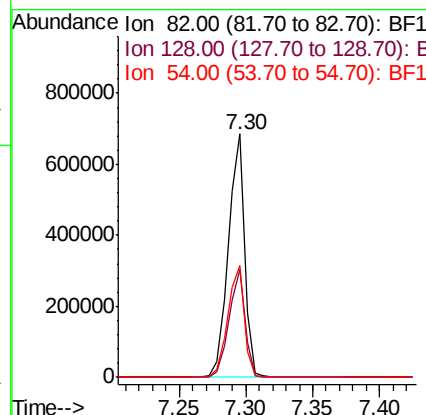
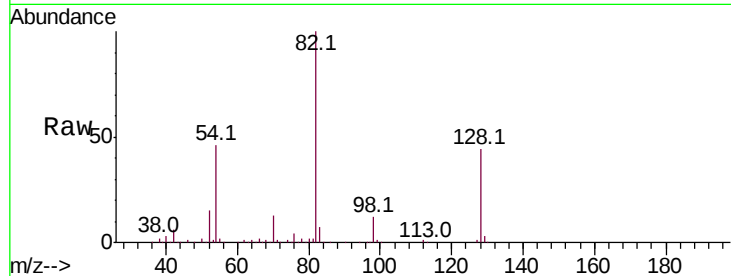
#23
 Nitrobenzene-d5
 Concen: 57.230 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108944.D
 Acq: 11 Sep 2018 19:17

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	594581		
128	44.4	36.1	54.1	
54	45.8	41.4	62.2	

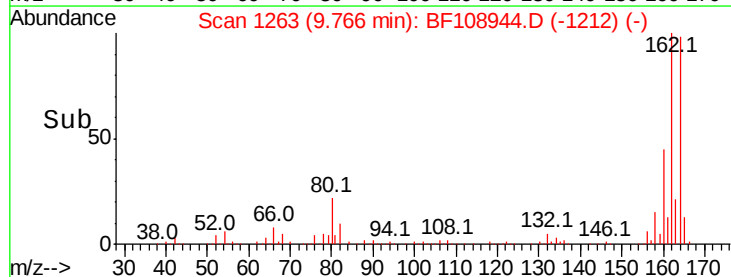
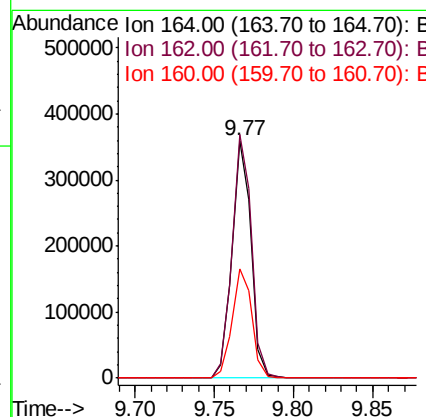
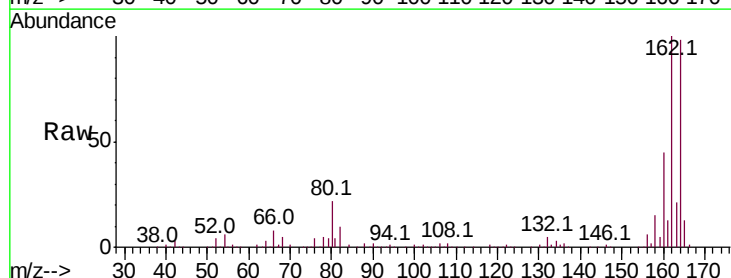
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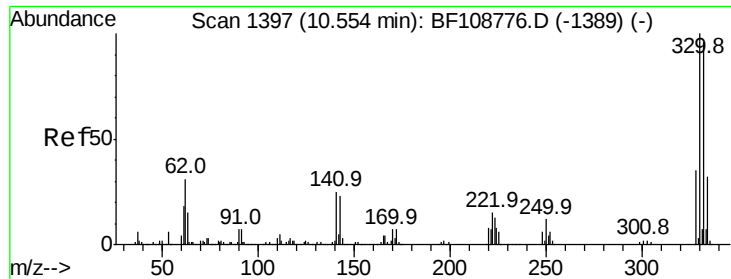
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108944.D
 Acq: 11 Sep 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	298417		
162	102.4	86.1	129.1	
160	46.1	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 71.626 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108944.D

Acq: 11 Sep 2018 19:17

Instrument :

BNA_F

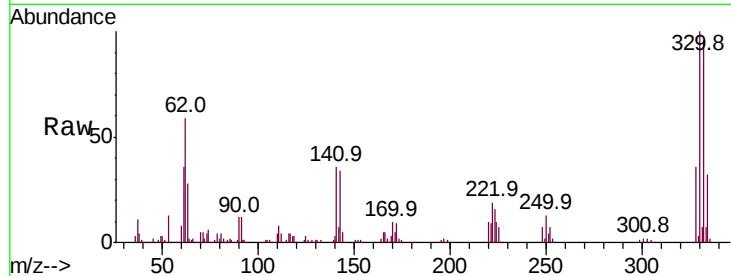
ClientSampleId :

SUP-1B-C-090718-1

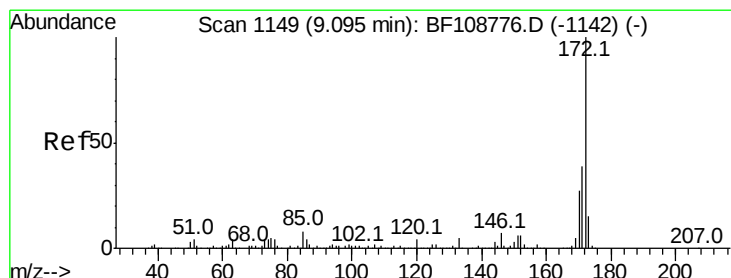
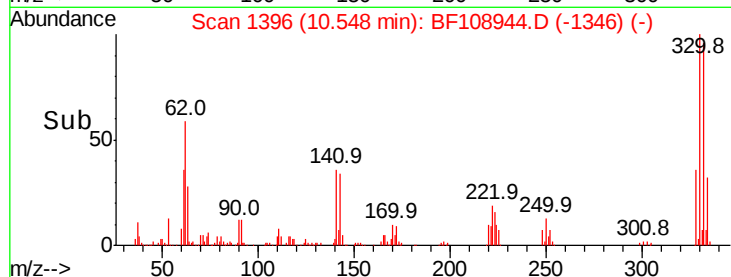
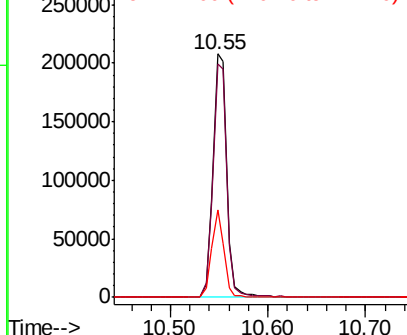
Tot Ion:	330	Resp:	204051
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	32.4	29.9	44.9

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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: 55.095 ng

RT: 9.10 min Scan# 1149

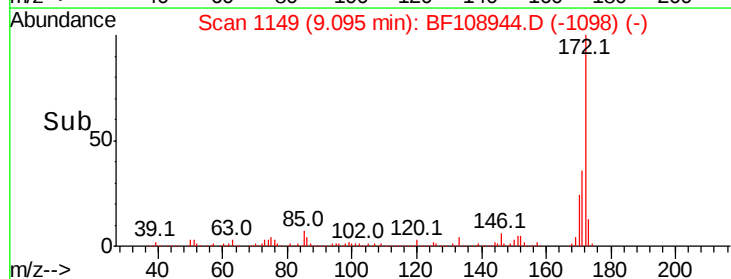
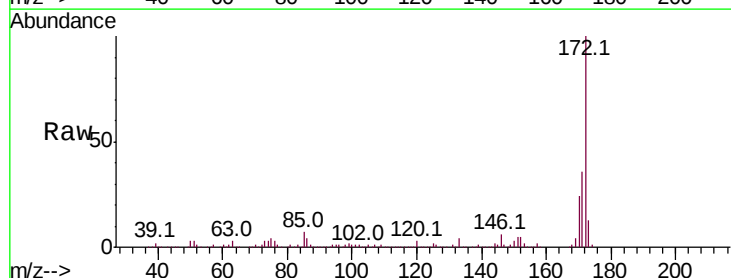
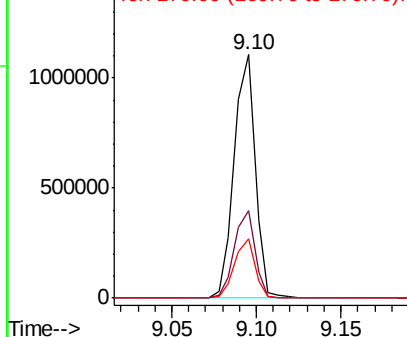
Delta R.T. 0.00 min

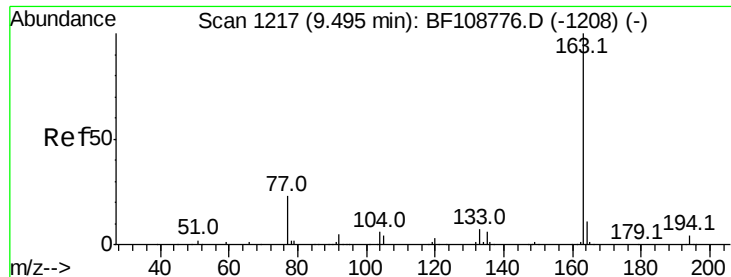
Lab File: BF108944.D

Acq: 11 Sep 2018 19:17

Tgt Ion:	172	Resp:	963734
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.3	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





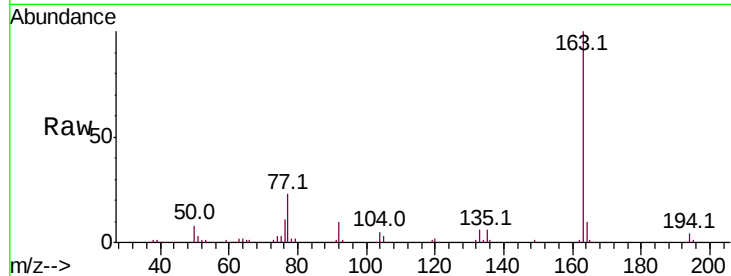
#49
Dimethylphthalate
Concen: 17.383 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108944.D
Acq: 11 Sep 2018 19:17

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

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

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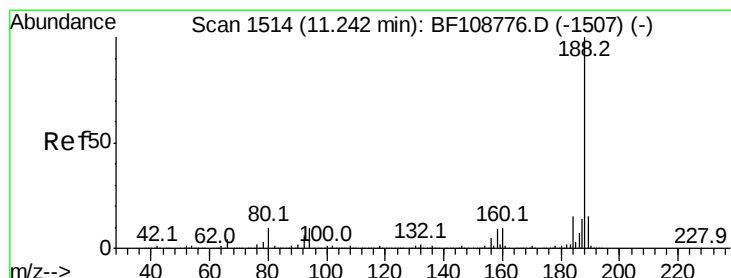
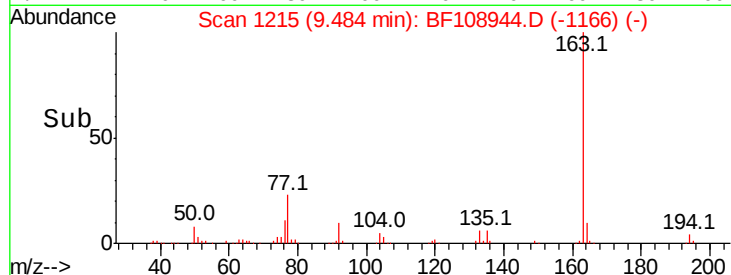
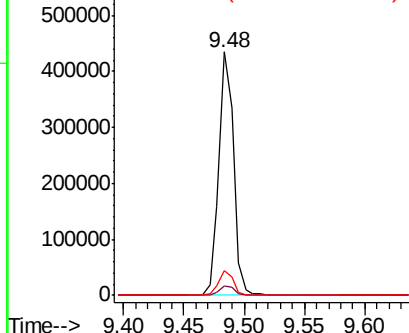


Abundance

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



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108944.D
Acq: 11 Sep 2018 19:17

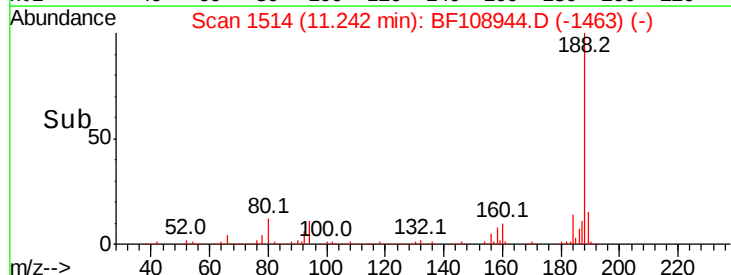
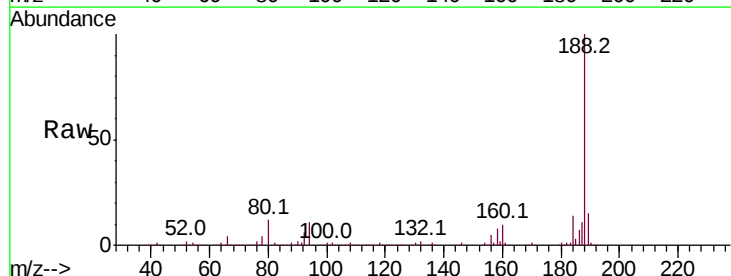
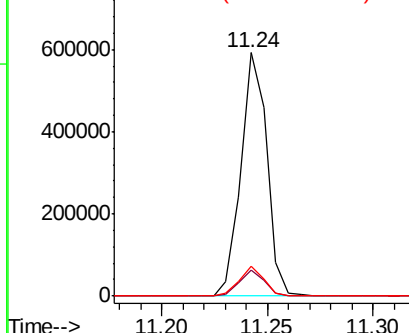
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	8.5	12.7	
80	12.0	9.2	13.8	

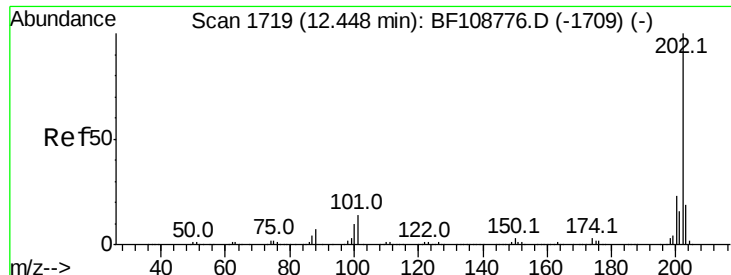
Abundance

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: 3.700 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BF108944.D

Acq: 11 Sep 2018 19:17

Instrument :

BNA_F

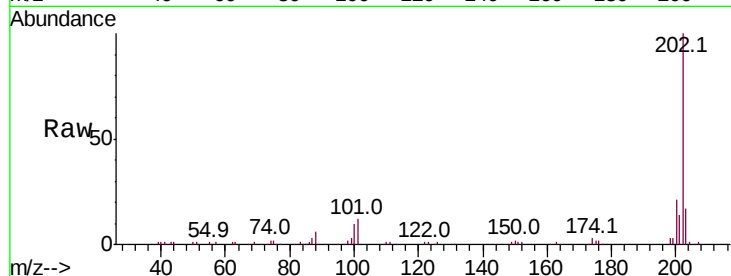
ClientSampleId :

SUP-1B-C-090718-1

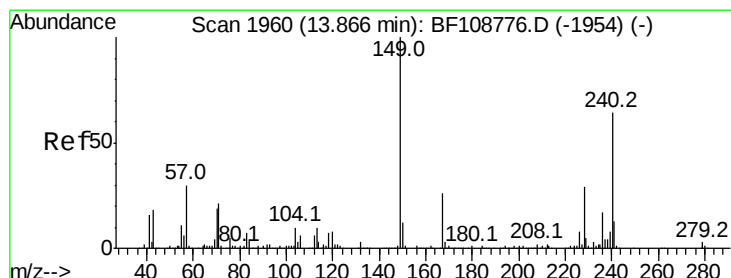
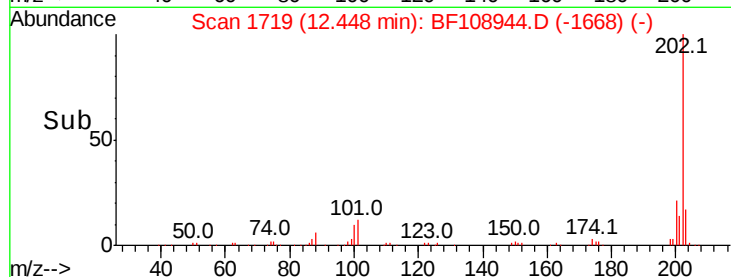
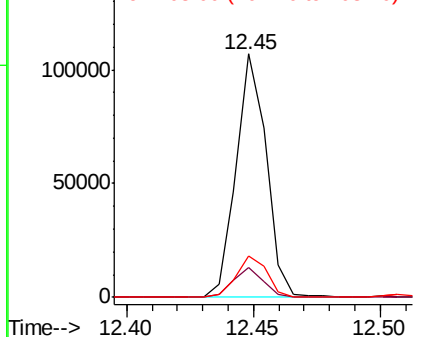
Tot Ion:	202	Resp:	88237
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	16.9	0.0	38.1

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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

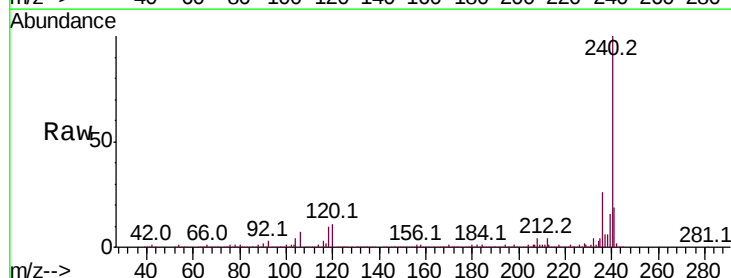
RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

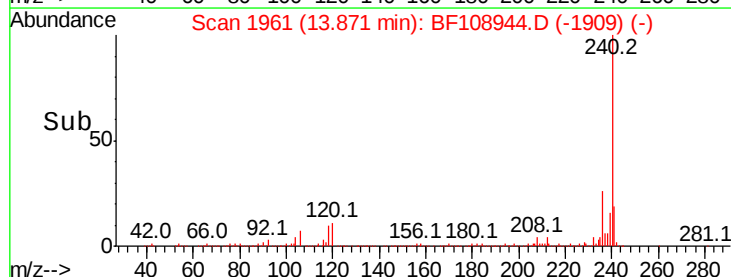
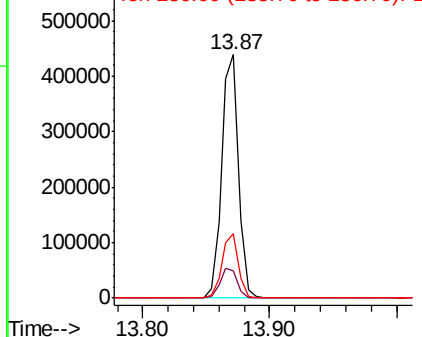
Lab File: BF108944.D

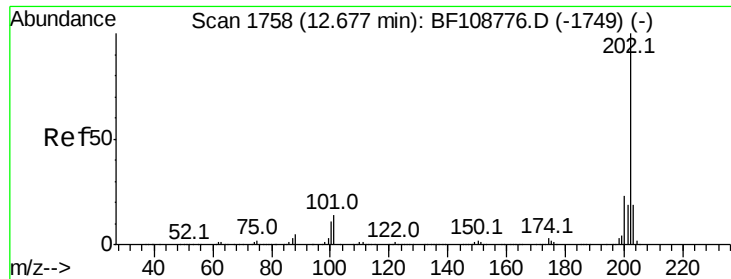
Acq: 11 Sep 2018 19:17

Tgt Ion:	240	Resp:	404876
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	26.4	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

Pvrene

Concen: 2.621 ng

RT: 12.68 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF108944.D

Acq: 11 Sep 2018 19:17

Instrument :

BNA_F

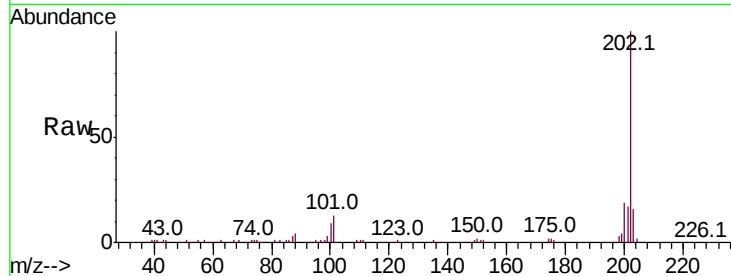
ClientSampleId :

SUP-1B-C-090718-1

Tot Ion:	202	Resp:	81655
Ion Ratio	Lower	Upper	
202	100		
200	18.8	17.4	26.2
203	16.2	14.3	21.5

Manual Integrations
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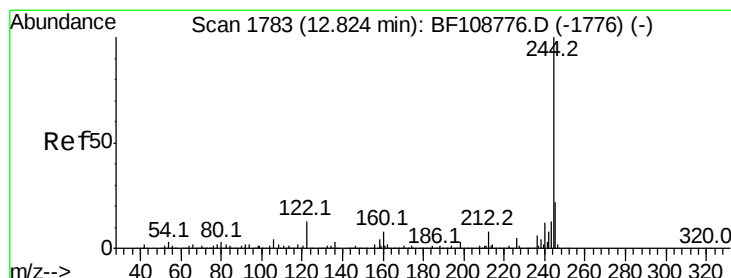
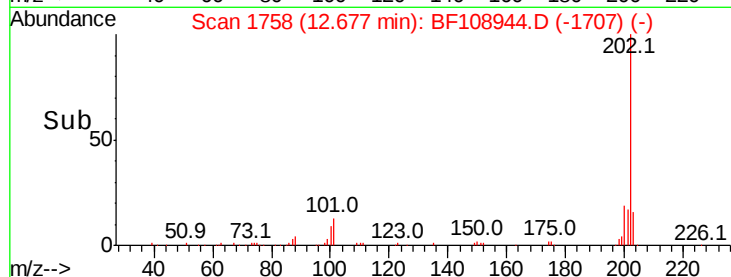
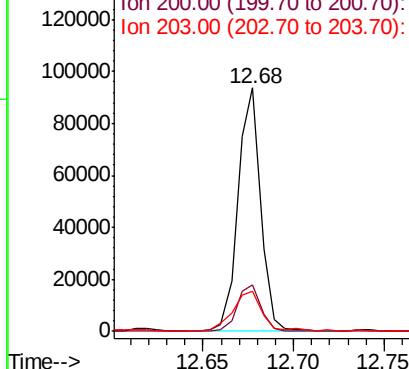


Abundance

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: 42.744 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108944.D

Acq: 11 Sep 2018 19:17

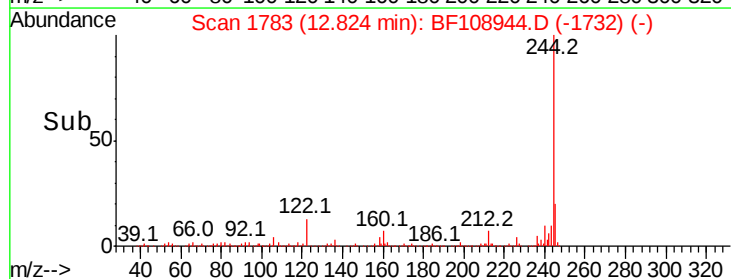
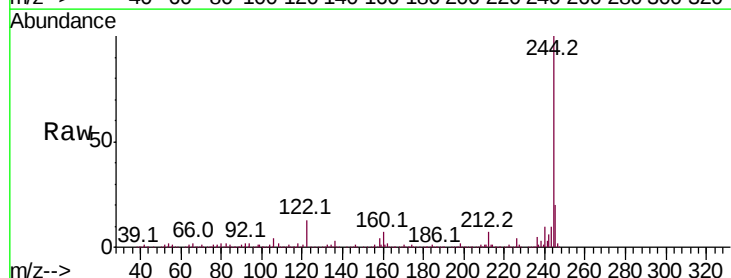
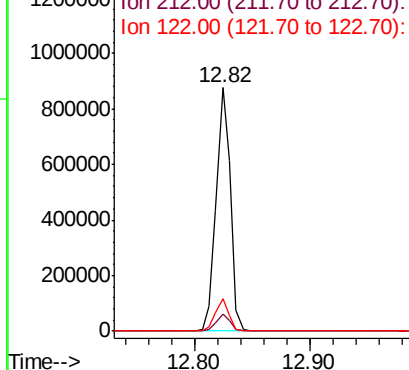
Tgt Ion:	244	Resp:	742139
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	13.2	11.0	16.4

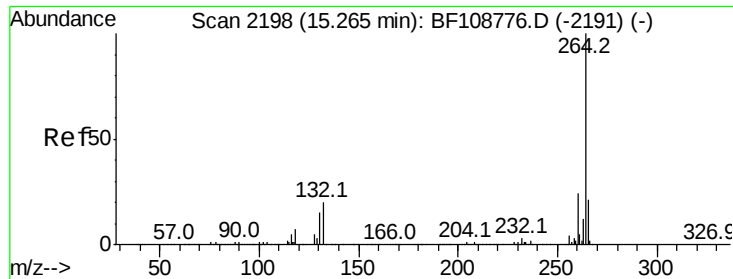
Abundance

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





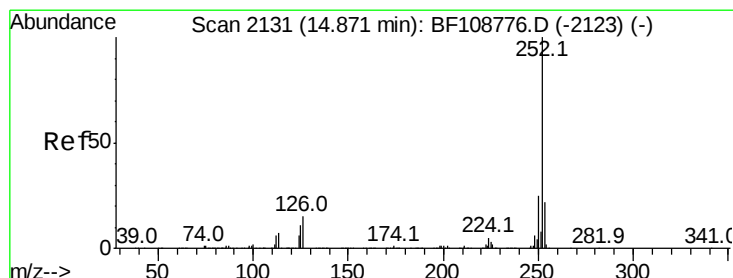
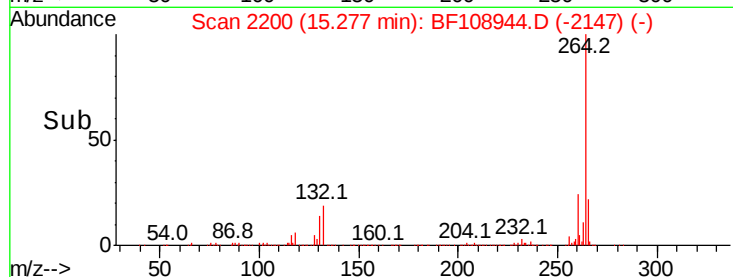
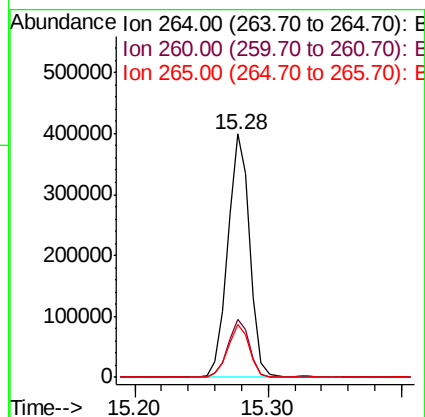
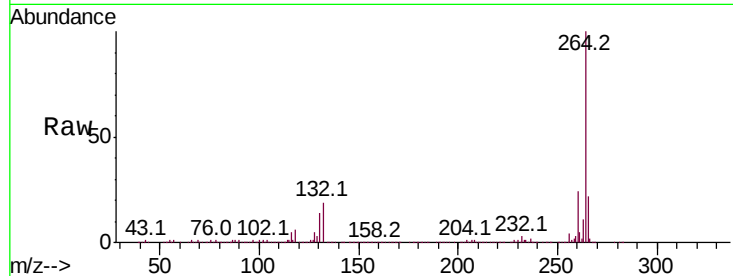
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108944.D
Acq: 11 Sep 2018 19:17

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

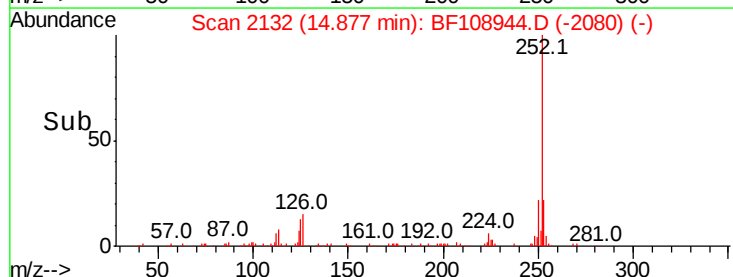
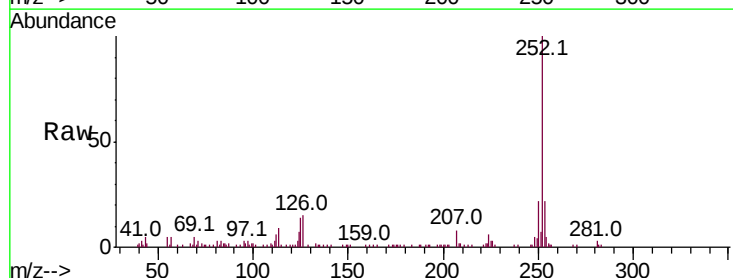
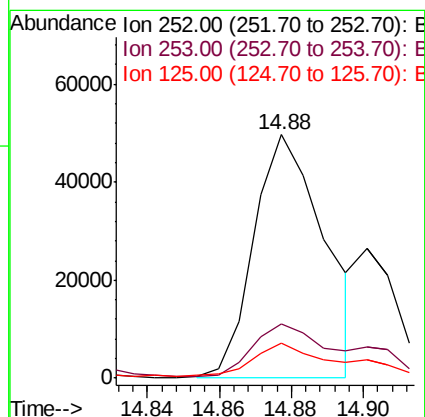
Manual Integrations
APPROVED

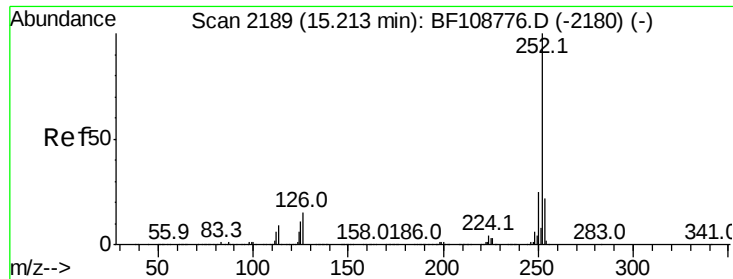
Sohil
9/12/2018 9:12:03 AM



#87
Benzo(b)fluoranthene
Concen: 2.707 ng m
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108944.D
Acq: 11 Sep 2018 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	14.2	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.139 ng

RT: 15.22 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF108944.D

Acq: 11 Sep 2018 19:17

Instrument :

BNA_F

ClientSampleId :

SUP-1B-C-090718-1

Tot Ion:	252	Resp:	48388
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	13.4	9.8	14.6

Manual Integrations
APPROVED

Sohil
9/12/2018 9:12:03 AM

