

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108897.D
 Acq On : 10 Sep 2018 17:10
 Operator : JU/SJ
 Sample : J4777-07 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-D

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:26:22 AM

Quant Time: Sep 10 19:07:54 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	215464	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	790381	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	334436	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	531990	20.00	ng	0.00
75) Chrysene-d12	13.88	240	497460	20.00	ng	0.01
86) Perylene-d12	15.29	264	337703	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	227304	17.48	ng	0.00
7) Phenol-d6	6.37	99	288857	17.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	167373	13.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	48569	15.21	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	330181	16.84	ng	0.00
78) Terphenyl-d14	12.83	244	266700	12.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	70977	3.034	ng	Qvalue # 99
70) Phenanthrene	11.27	178	54096	2.129	ng	98
74) Fluoranthene	12.45	202	211202	8.397	ng	99
77) Pyrene	12.68	202	270955	7.078	ng	99
80) Benzo(a)anthracene	13.87	228	112444	3.526	ng	92
82) Chrysene	13.90	228	133839m	4.336	ng	
85) Indeno(1,2,3-cd)pyrene	16.65	276	61423m	2.248	ng	
87) Benzo(b)fluoranthene	14.89	252	160027m	8.715	ng	
88) Benzo(k)fluoranthene	14.91	252	47501m	2.809	ng	
89) Benzo(a)pyrene	15.23	252	94489	5.703	ng	# 89
91) Benzo(a,h,i)perylene	17.07	276	58639	4.011	ng	# 91

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

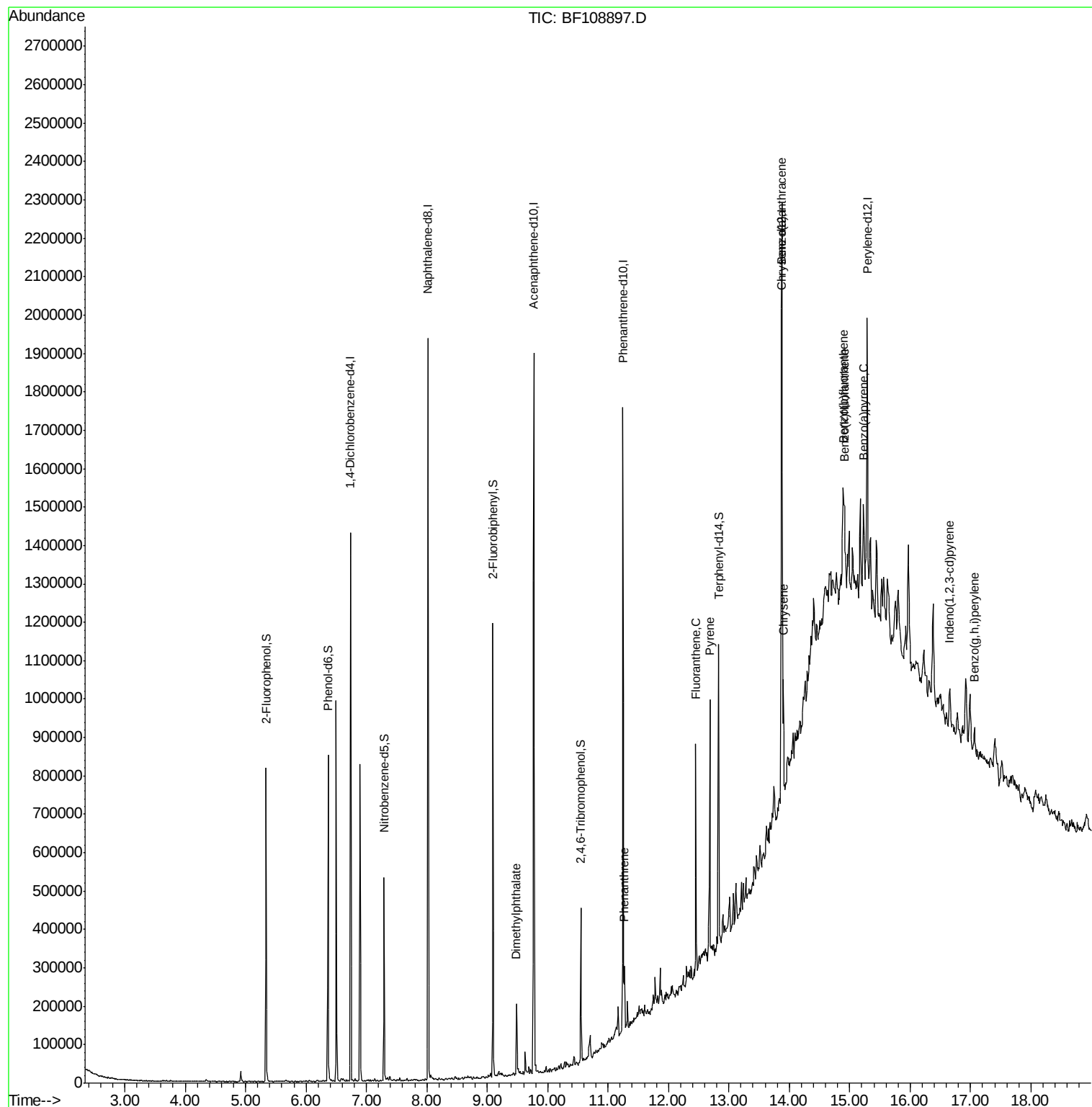
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108897.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration





#1

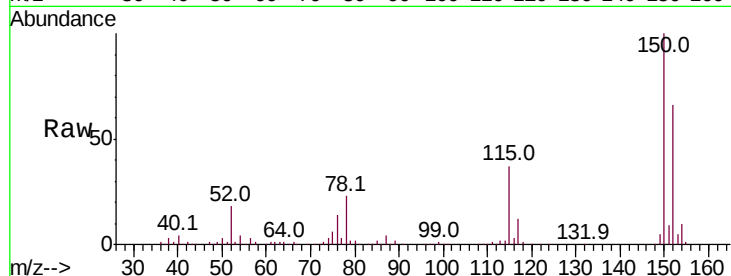
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	186.8
115	56.5	50.1	75.1

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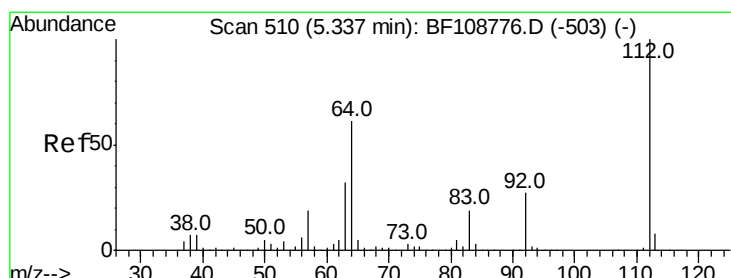
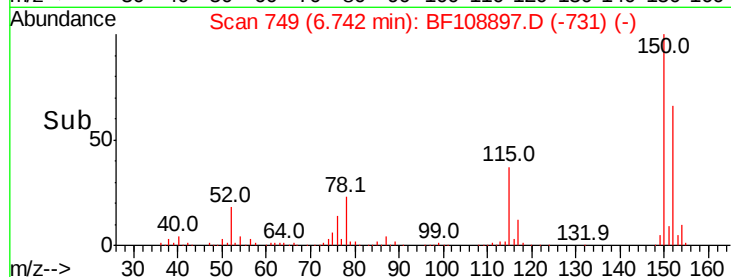
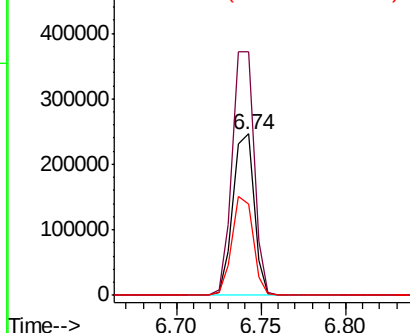


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

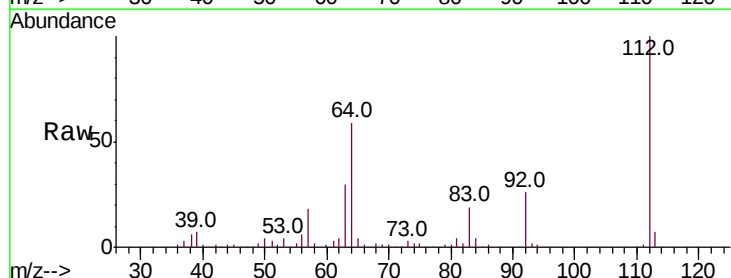
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 17.477 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	29.8	23.7	35.5

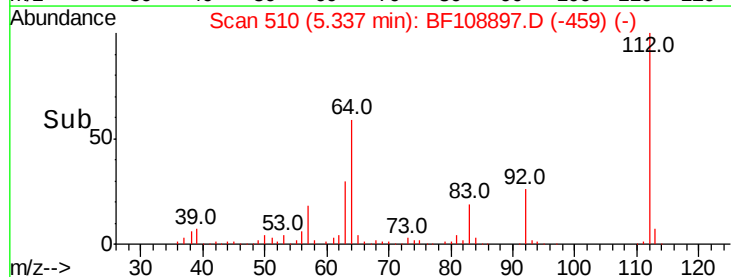
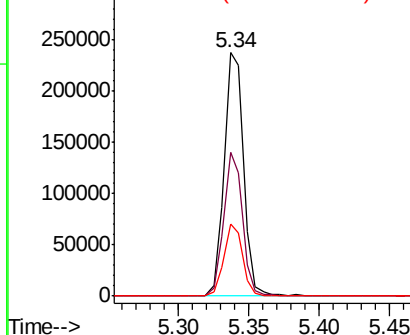


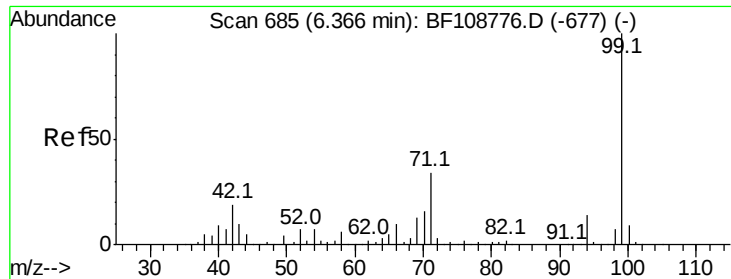
Abundance

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: 17.262 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108897.D

Acq: 10 Sep 2018 17:10

Instrument :

BNA_F

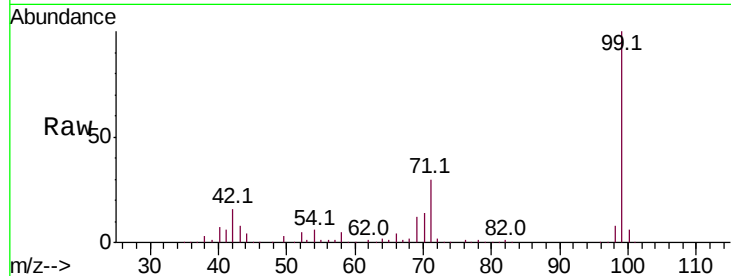
ClientSampleId :

PL-05-090718-D

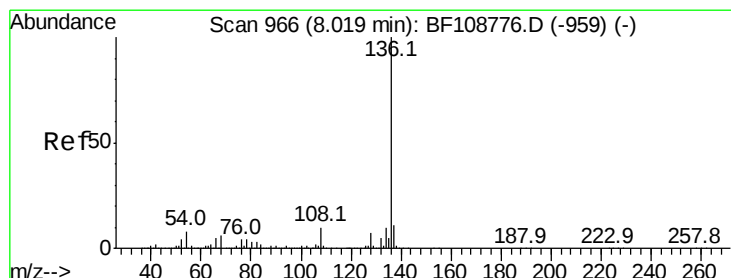
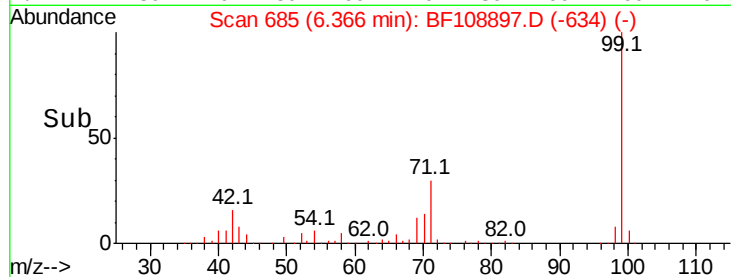
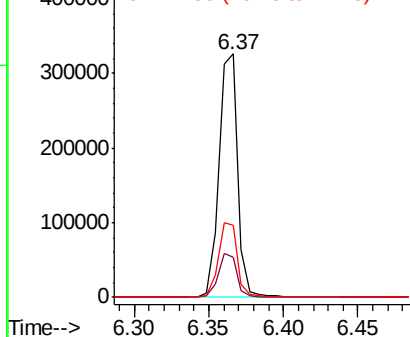
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		288857		
42	16.2	14.5	21.7		
71	29.7	25.4	38.0		

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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

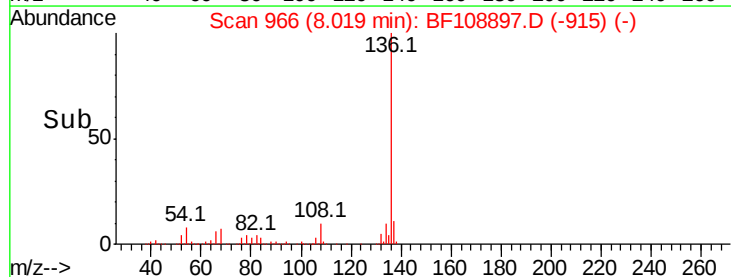
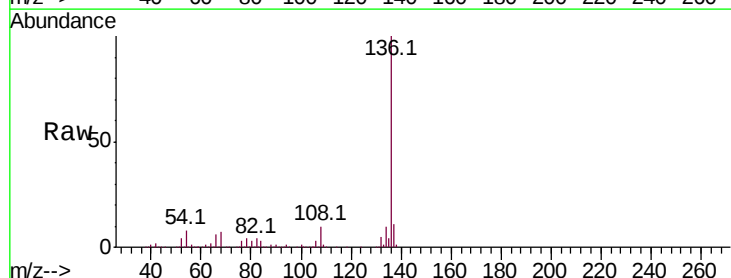
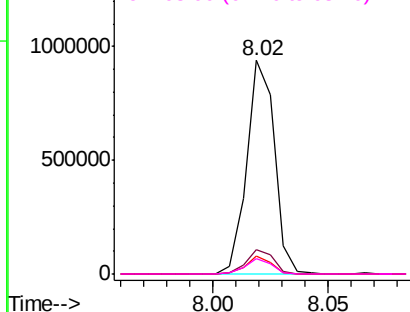
Delta R.T. -0.00 min

Lab File: BF108897.D

Acq: 10 Sep 2018 17:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		790381		
137	11.4	8.9	13.3		
54	8.4	6.6	9.8		
68	7.1	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





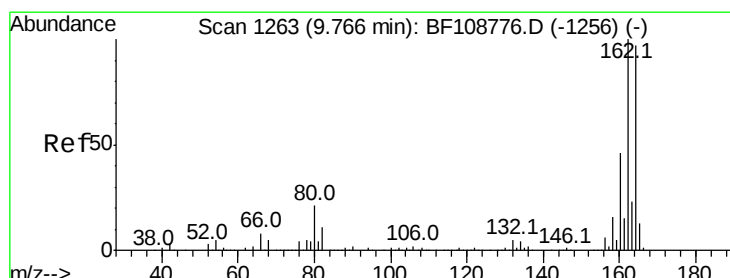
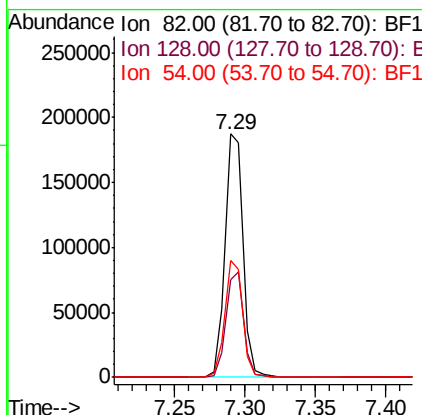
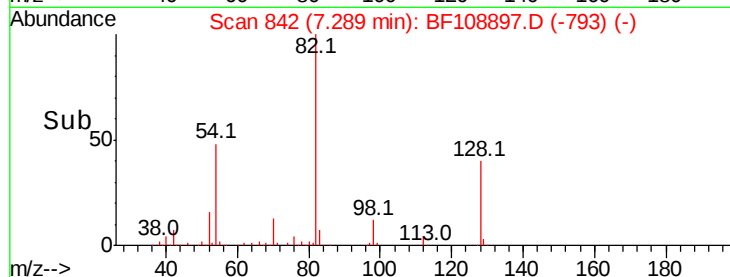
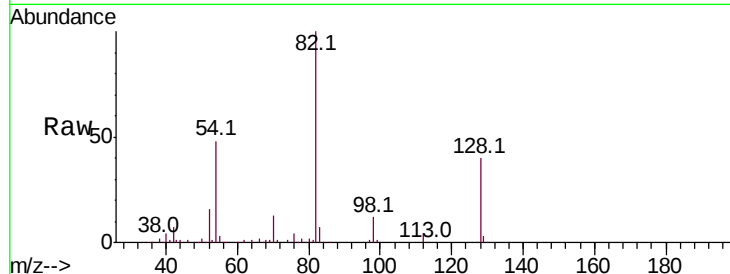
#23
 Nitrobenzene-d5
 Concen: 13.252 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108897.D
 Acq: 10 Sep 2018 17:10

Instrument :
 BNA_F
 ClientSampleID :
 PL-05-090718-D

Tot Ion	Ratio	Resp	Lower	Upper
82	100	167373		
128	40.3	36.1	54.1	
54	47.8	41.4	62.2	

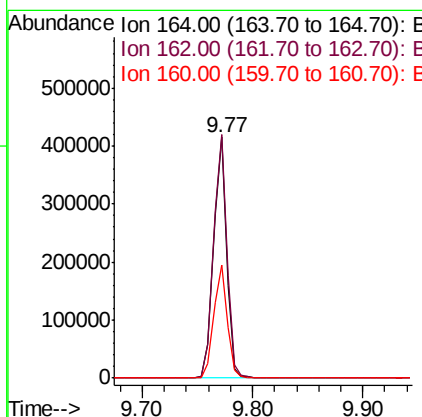
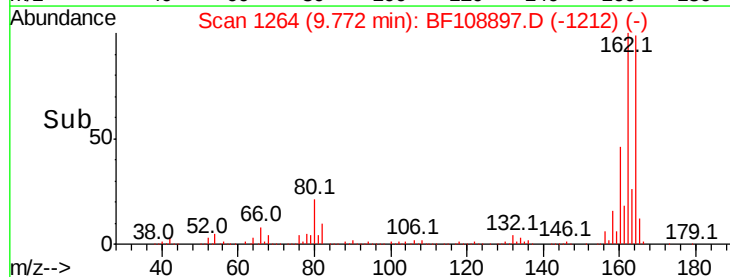
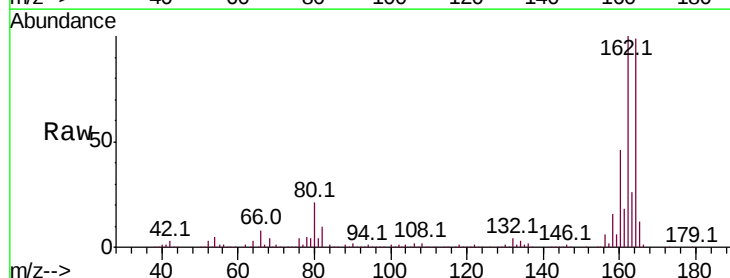
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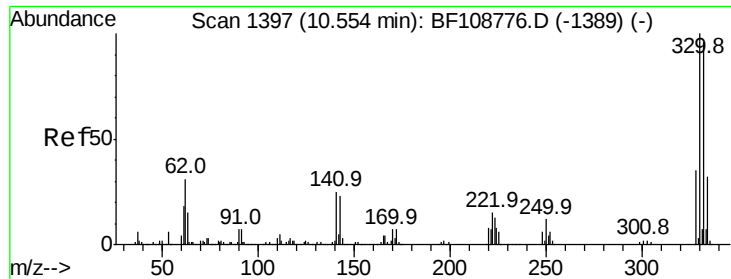
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108897.D
 Acq: 10 Sep 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	334436		
162	101.2	86.1	129.1	
160	47.0	38.3	57.5	





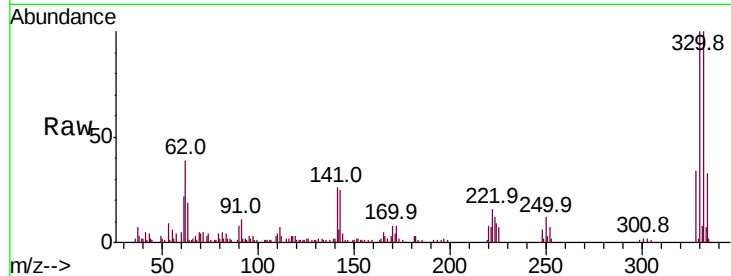
#41
 2,4,6-Tribromophenol
 Concen: 15.213 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108897.D
 Acq: 10 Sep 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.0	115.6	
141	36.0	29.9	44.9	

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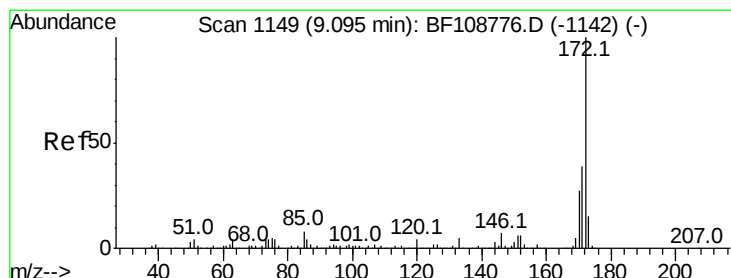
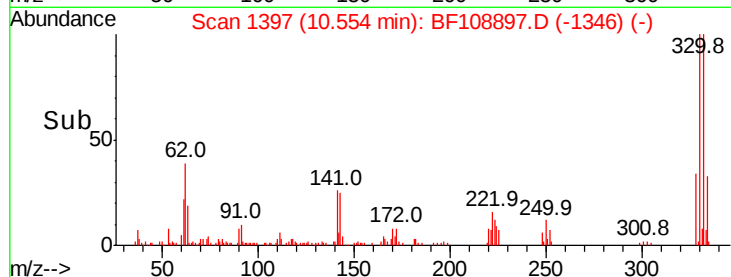
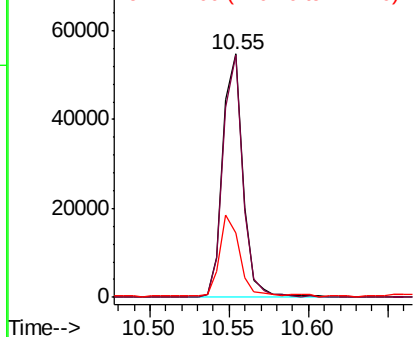


Abundance

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: 16.843 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108897.D
 Acq: 10 Sep 2018 17:10

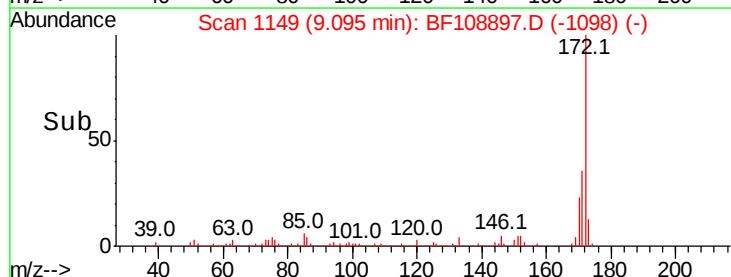
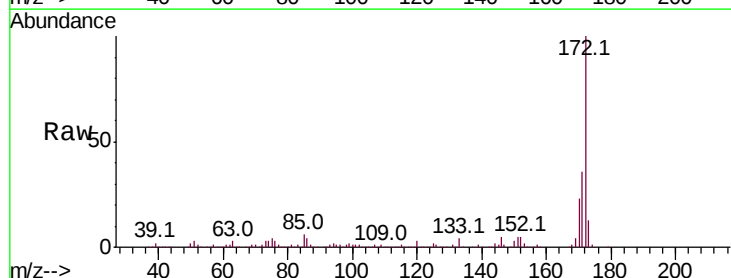
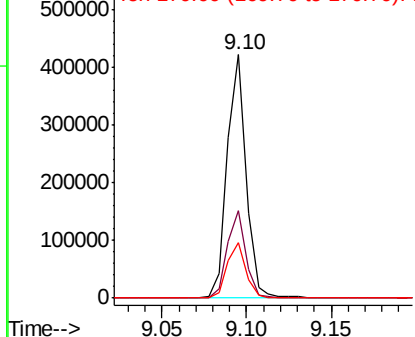
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	23.0	19.6	29.4	

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





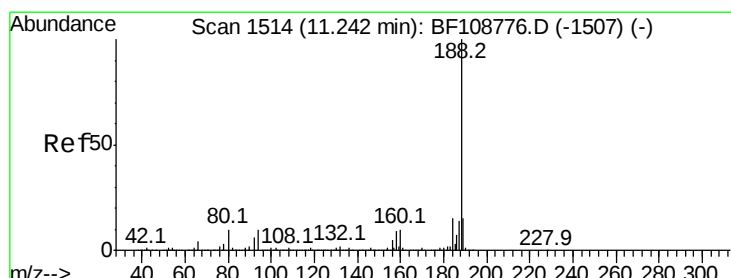
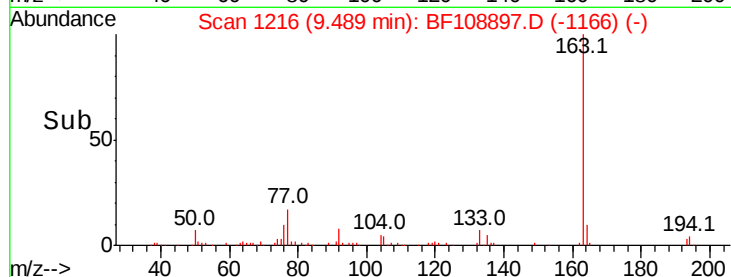
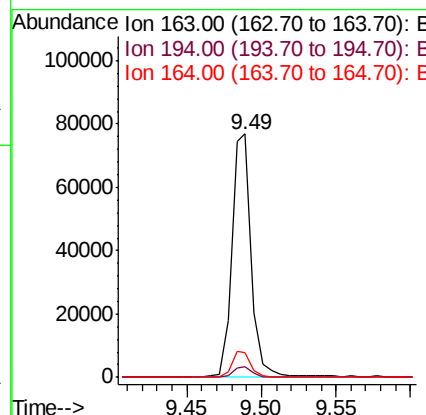
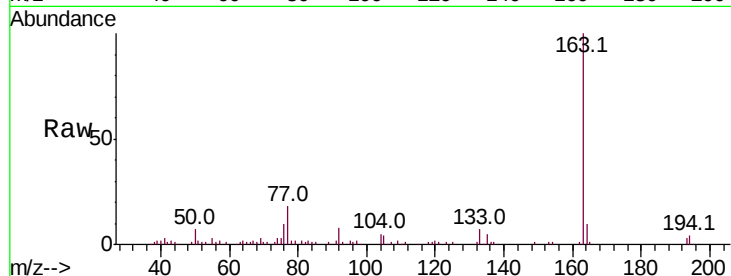
#49
Dimethylphthalate
Concen: 3.034 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-D

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.1	8.2	12.2

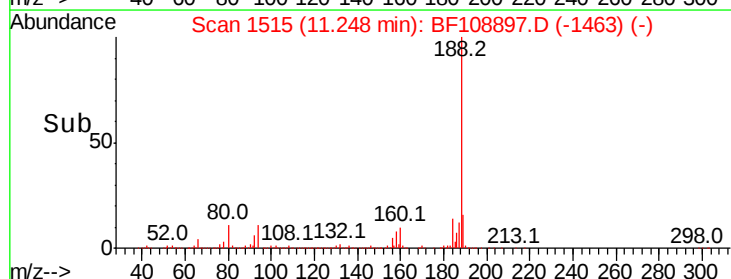
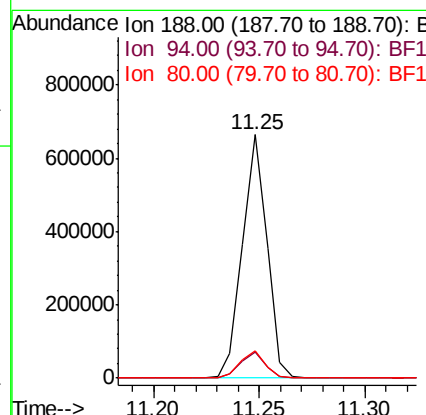
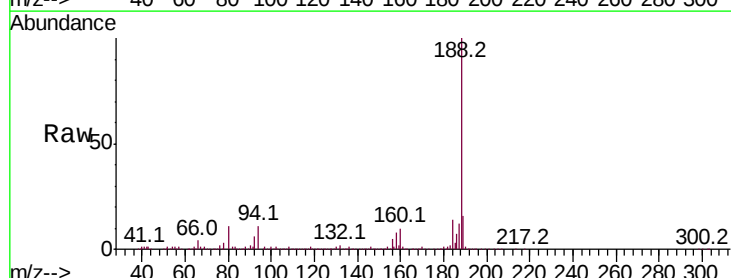
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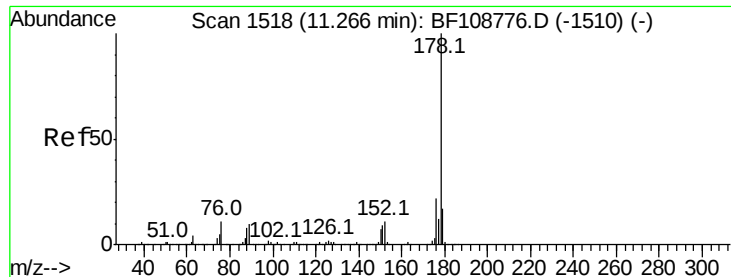
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.3	9.2	13.8





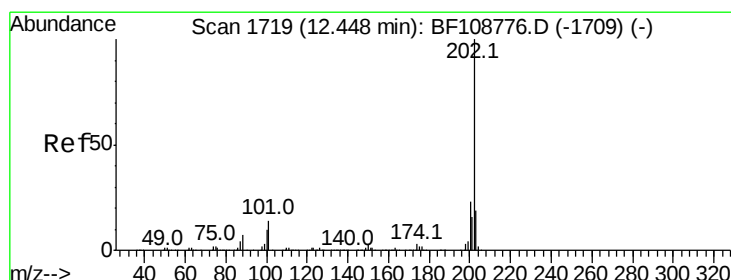
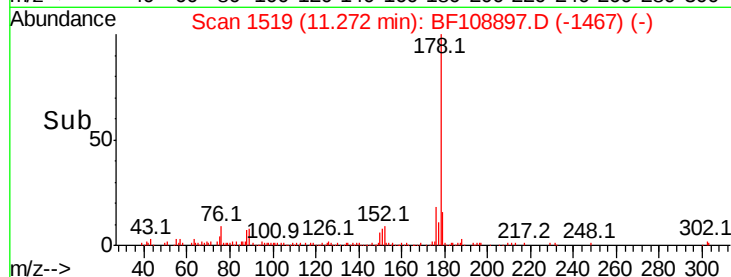
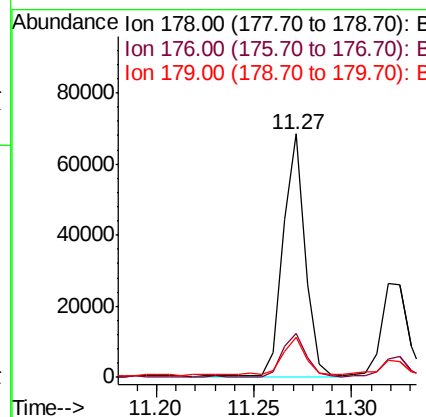
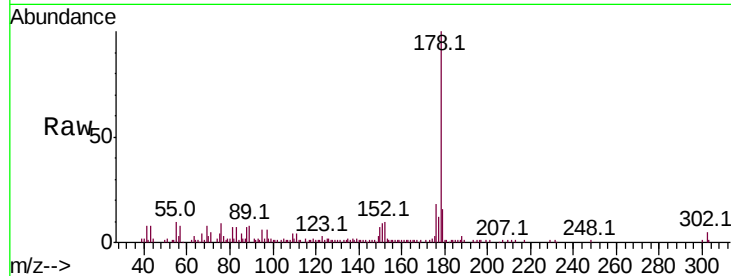
#70
Phenanthrene
Concen: 2.129 ng
RT: 11.27 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	16.5	13.0	19.6

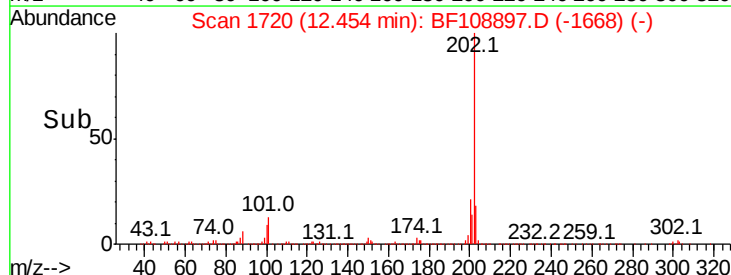
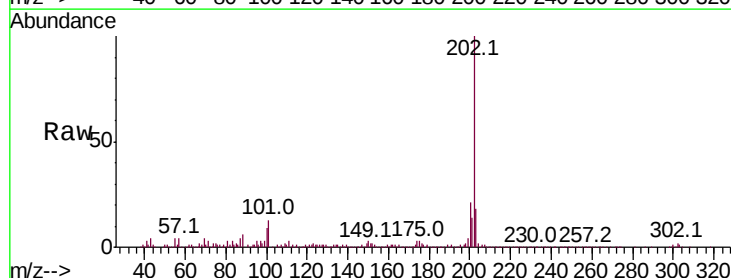
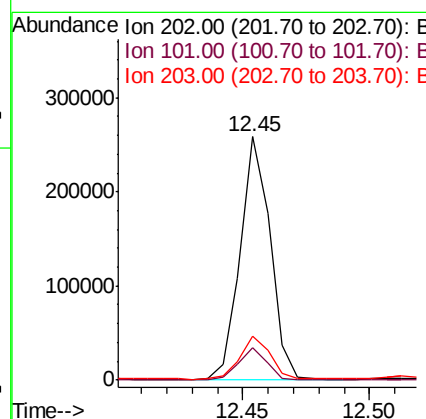
Manual Integrations
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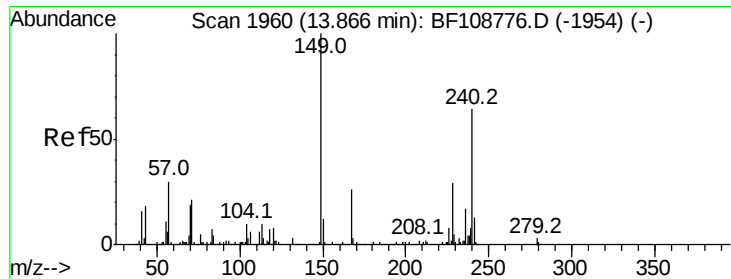
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#74
Fluoranthene
Concen: 8.397 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108897.D

Acq: 10 Sep 2018 17:10

Instrument :

BNA_F

ClientSampleId :

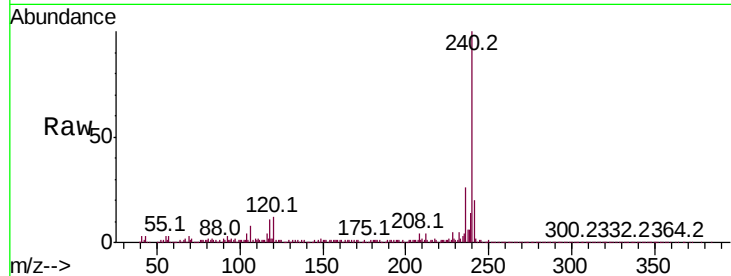
PL-05-090718-D

Tot Ion:	240	Resp:	497460
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
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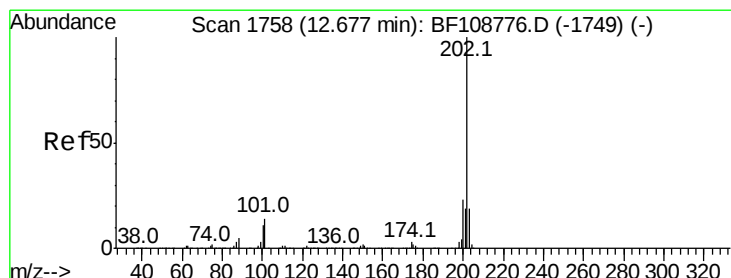
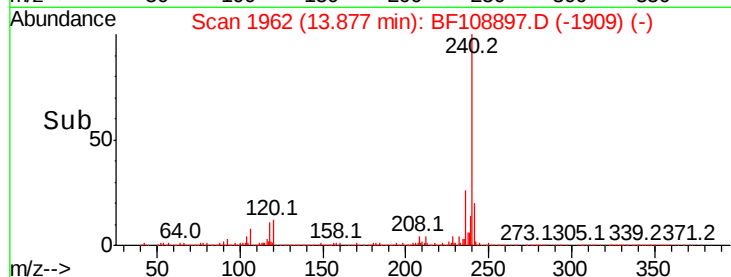
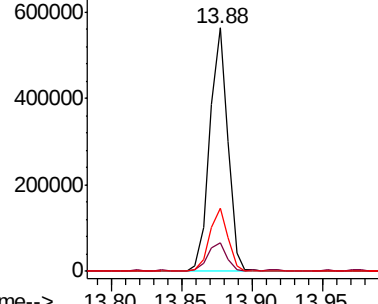
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.078 ng

RT: 12.68 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF108897.D

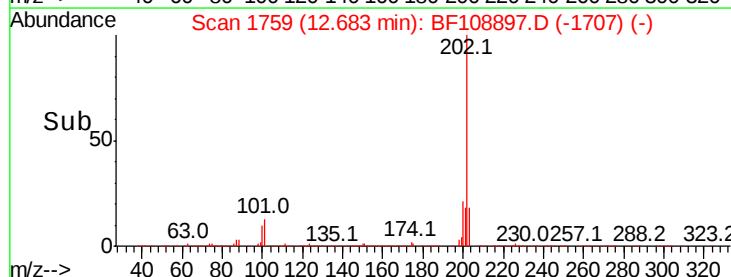
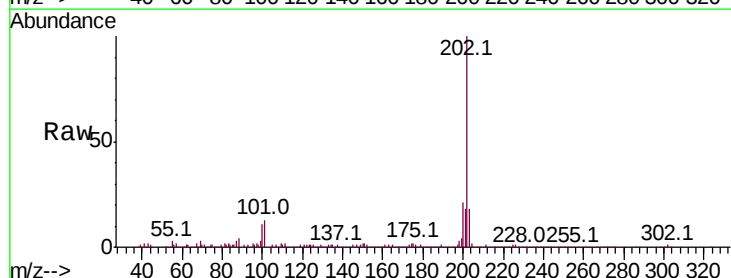
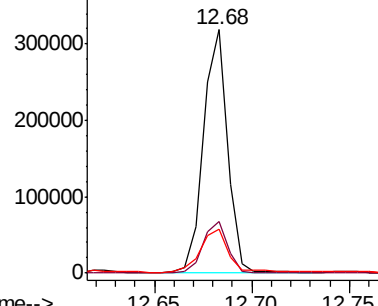
Acq: 10 Sep 2018 17:10

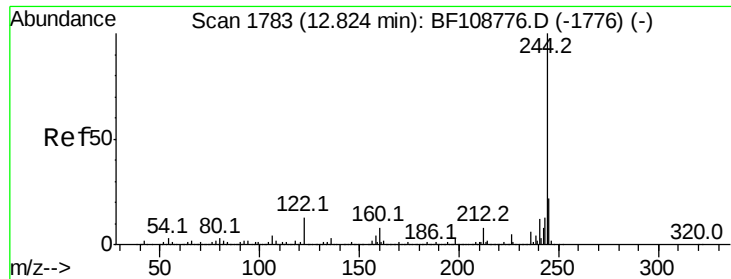
Tgt Ion:	202	Resp:	270955
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	18.3	14.3	21.5

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





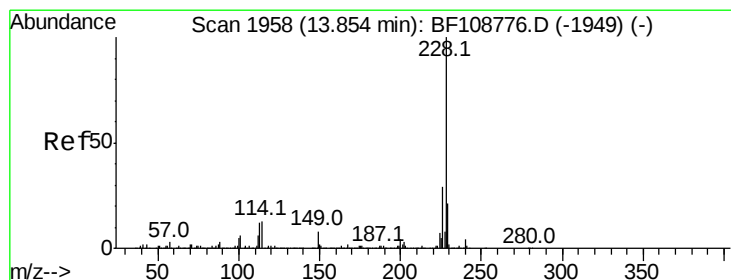
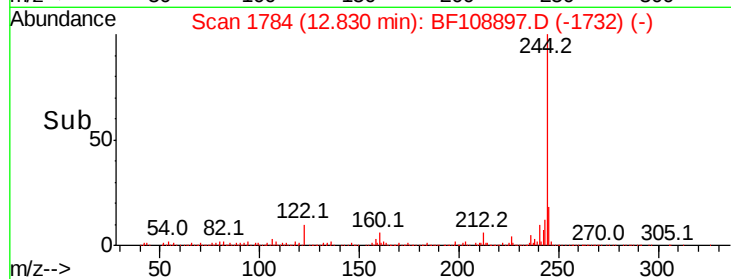
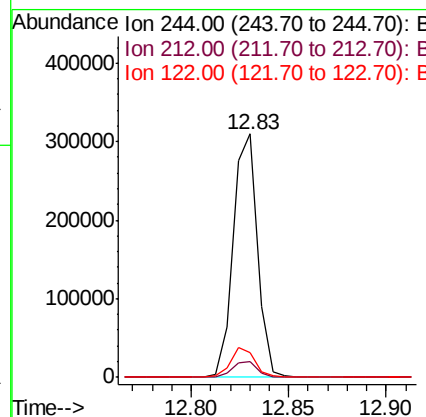
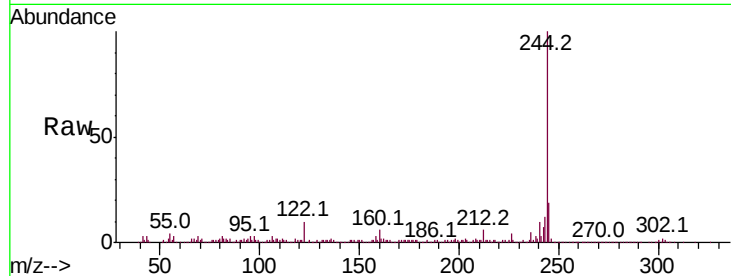
#78
 Terphenyl-d14
 Concen: 12.502 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF108897.D
 Acq: 10 Sep 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-D

Tot Ion	Ratio	Resp	Lower	Upper
244	100	266700		
212	6.3	5.4	8.0	
122	10.2	11.0	16.4	

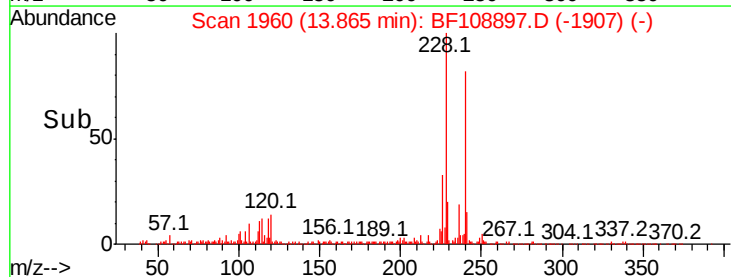
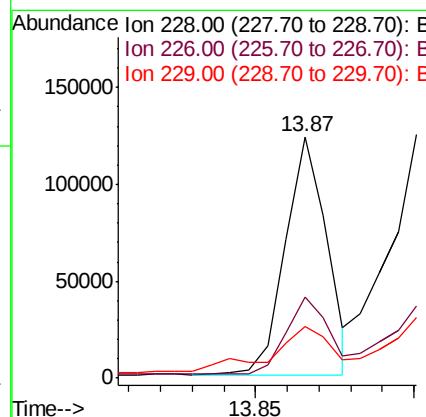
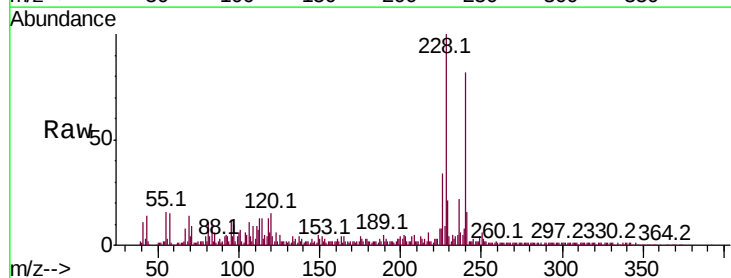
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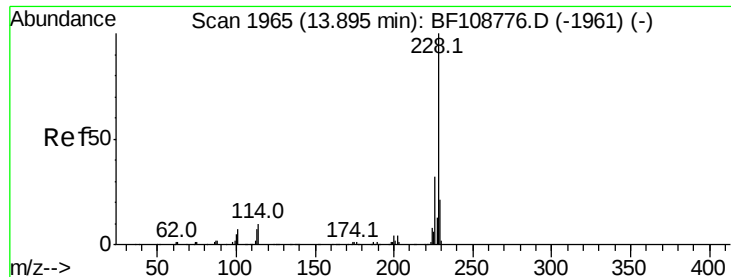
Sohil
 9/11/2018 9:26:22 AM



#80
 Benzo(a)anthracene
 Concen: 3.526 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.01 min
 Lab File: BF108897.D
 Acq: 10 Sep 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	112444		
226	33.8	22.6	33.8	
229	21.5	15.8	23.6	





#82

Chrysene

Concen: 4.336 ng m

RT: 13.90 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BF108897.D

Acq: 10 Sep 2018 17:10

Instrument :

BNA_F

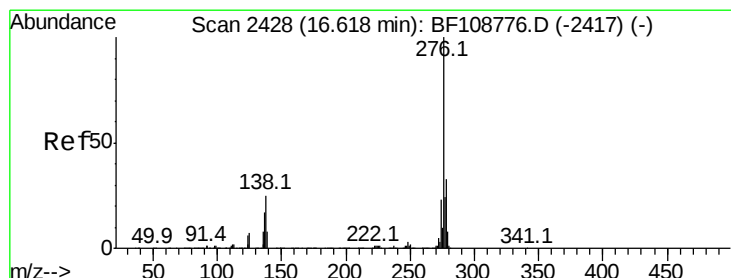
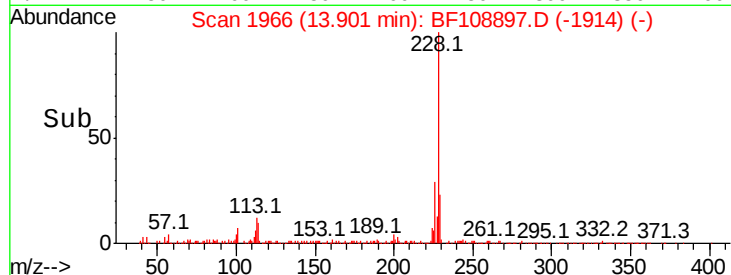
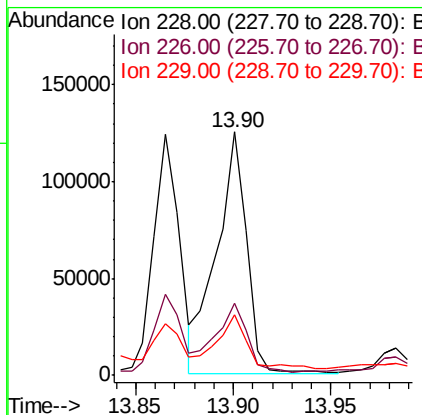
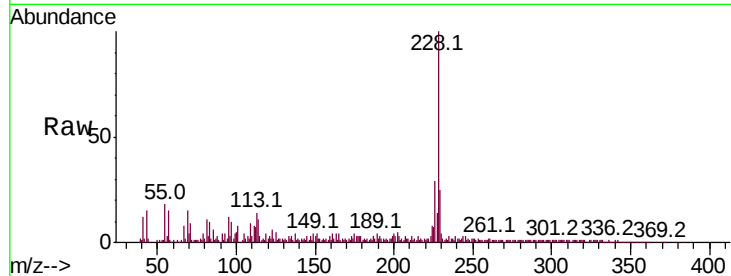
ClientSampleId :

PL-05-090718-D

Tot Ion:	228	Resp:	133839
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.0	37.6
229	24.7	16.2	24.4#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.248 ng m

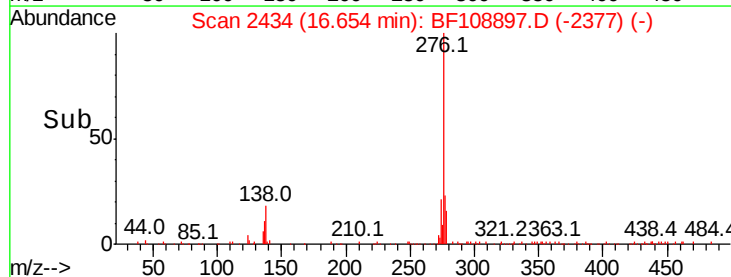
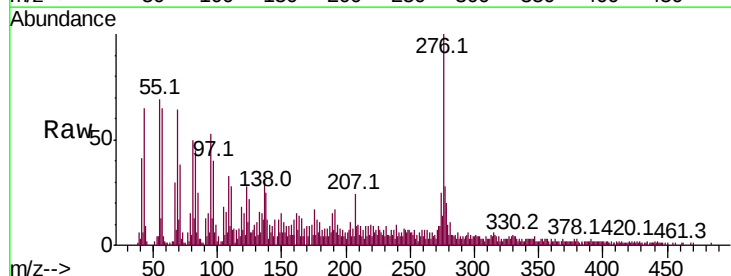
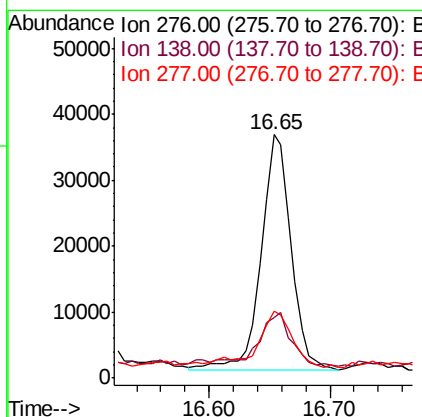
RT: 16.65 min Scan# 2434

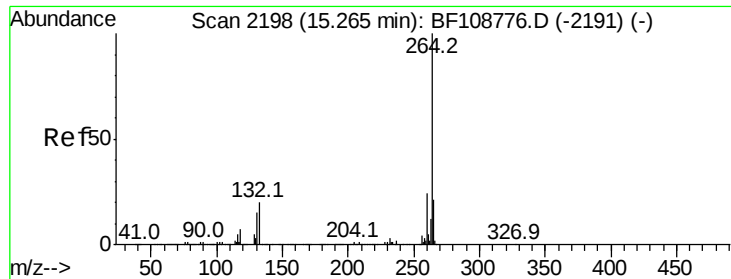
Delta R.T. 0.04 min

Lab File: BF108897.D

Acq: 10 Sep 2018 17:10

Tgt Ion:	276	Resp:	61423
Ion Ratio	Lower	Upper	
276	100		
138	5.9	25.0	37.6#
277	5.1	20.1	30.1#





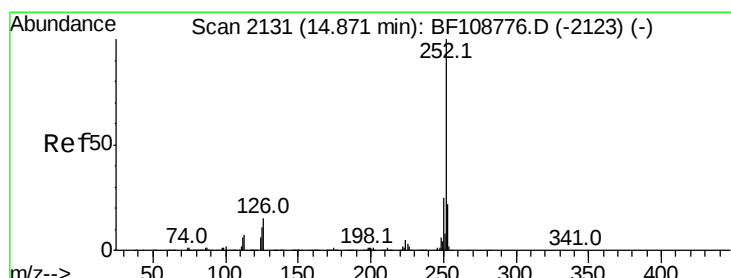
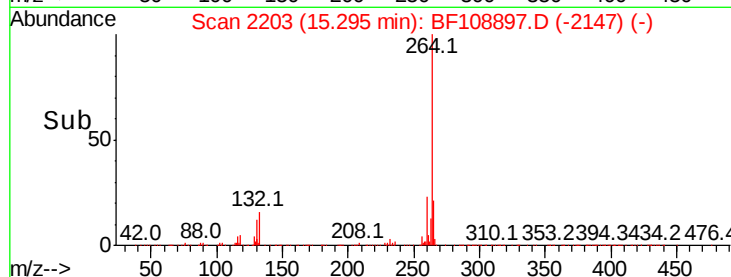
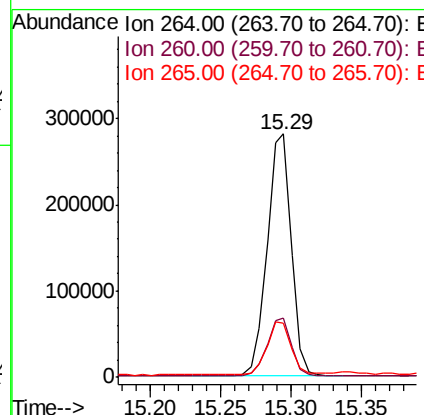
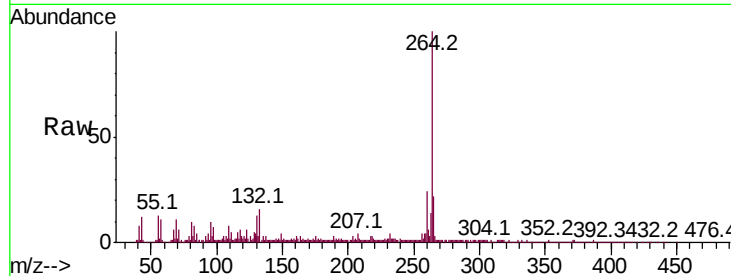
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.03 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3

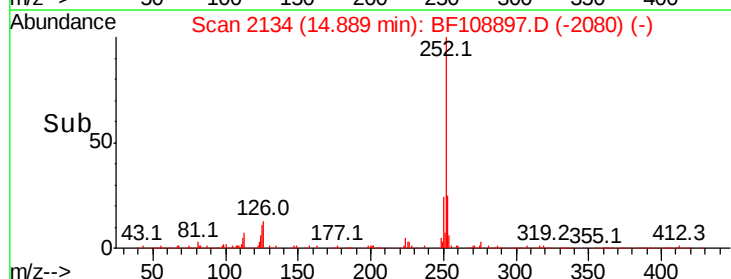
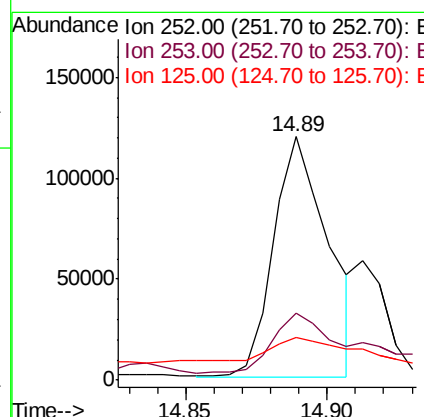
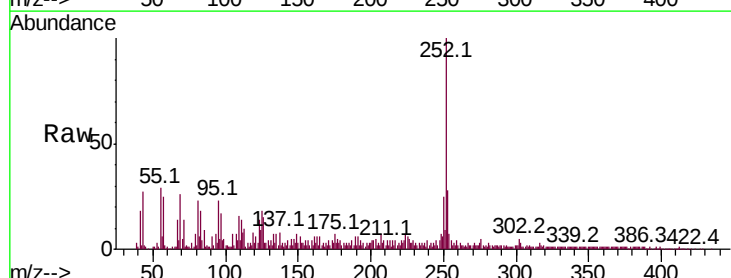
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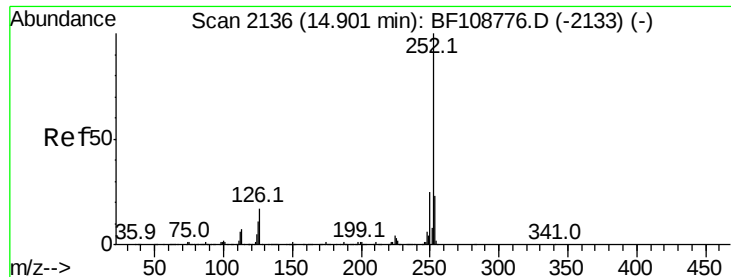
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#87
Benzo(b)fluoranthene
Concen: 8.715 ng m
RT: 14.89 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.0	25.6#
125	17.5	9.0	13.6#





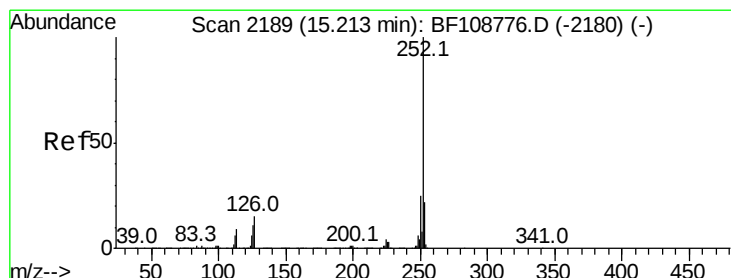
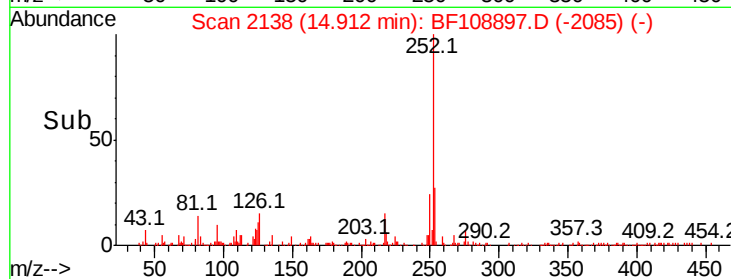
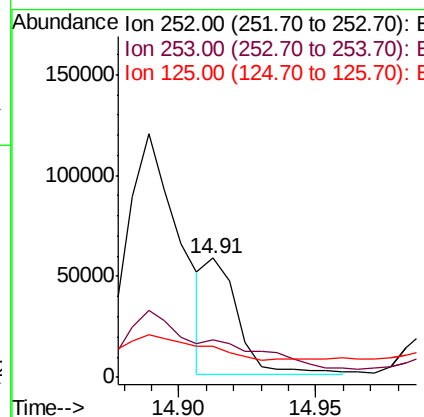
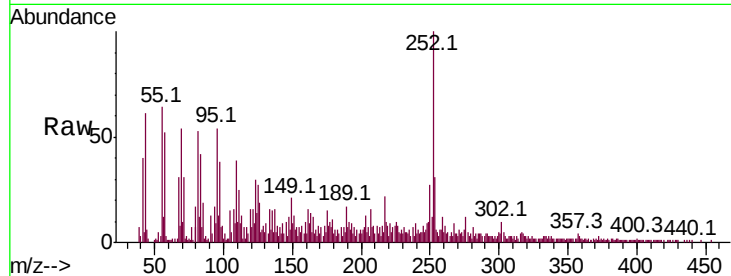
#88
Benzo(k)fluoranthene
Concen: 2.809 ng m
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.5	17.9	26.9#
125	26.5	10.2	15.2#

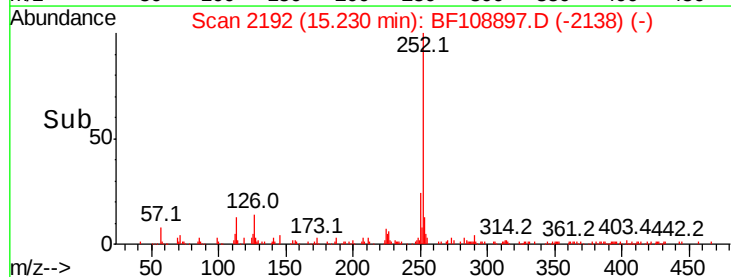
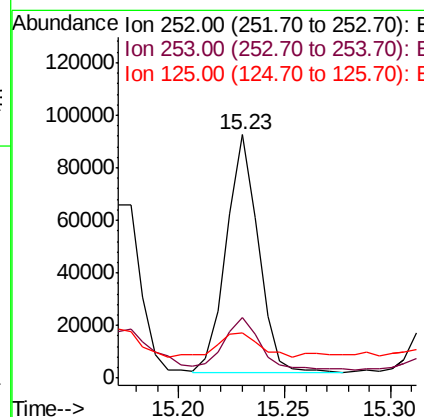
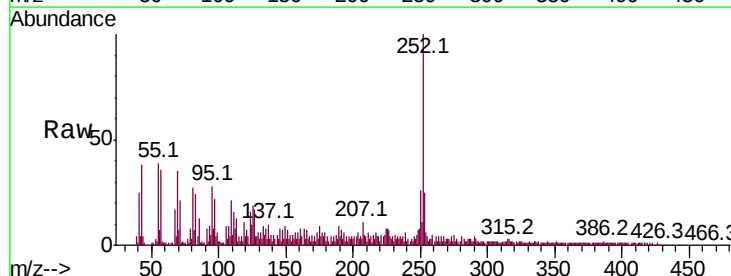
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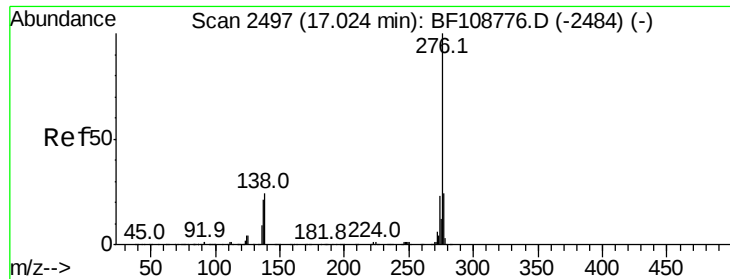
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#89
Benzo(a)pyrene
Concen: 5.703 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108897.D
Acq: 10 Sep 2018 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	18.8	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 4.011 ng
 RT: 17.07 min Scan# 2504
 Delta R.T. 0.04 min
 Lab File: BF108897.D
 Acq: 10 Sep 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-D

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.6	17.9	26.9#
138	24.5	21.8	32.8

Manual Integrations
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