

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108832.D
 Acq On : 6 Sep 2018 19:20
 Operator : JU/SJ
 Sample : J4803-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-F6

Manual Integrations
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 9/7/2018 5:01:07 PM

Quant Time: Sep 07 09:08:31 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	264787	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1007671	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	461166	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	768984	20.00	ng	0.00
75) Chrysene-d12	13.87	240	635944	20.00	ng	0.00
86) Perylene-d12	15.27	264	708024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1025896	64.19	ng	0.00
7) Phenol-d6	6.37	99	1300929	63.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	818119	50.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	277070	62.93	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1439125	53.24	ng	0.00
78) Terphenyl-d14	12.82	244	1126644	41.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	483927	15.003	ng	99
70) Phenanthrene	11.27	178	112037	3.051	ng	96
74) Fluoranthene	12.45	202	216856	5.964	ng	97
77) Pyrene	12.67	202	199994	4.087	ng	99
80) Benzo(a)anthracene	13.85	228	105467	2.587	ng	98
82) Chrysene	13.89	228	88963	2.254	ng	97
85) Indeno(1,2,3-cd)pyrene	16.62	276	73699m	2.110	ng	
87) Benzo(b)fluoranthene	14.87	252	146407m	3.803	ng	
89) Benzo(a)pyrene	15.21	252	104076	2.996	ng	97
91) Benzo(g,h,i)perylene	17.02	276	70193	2.290	ng	96

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

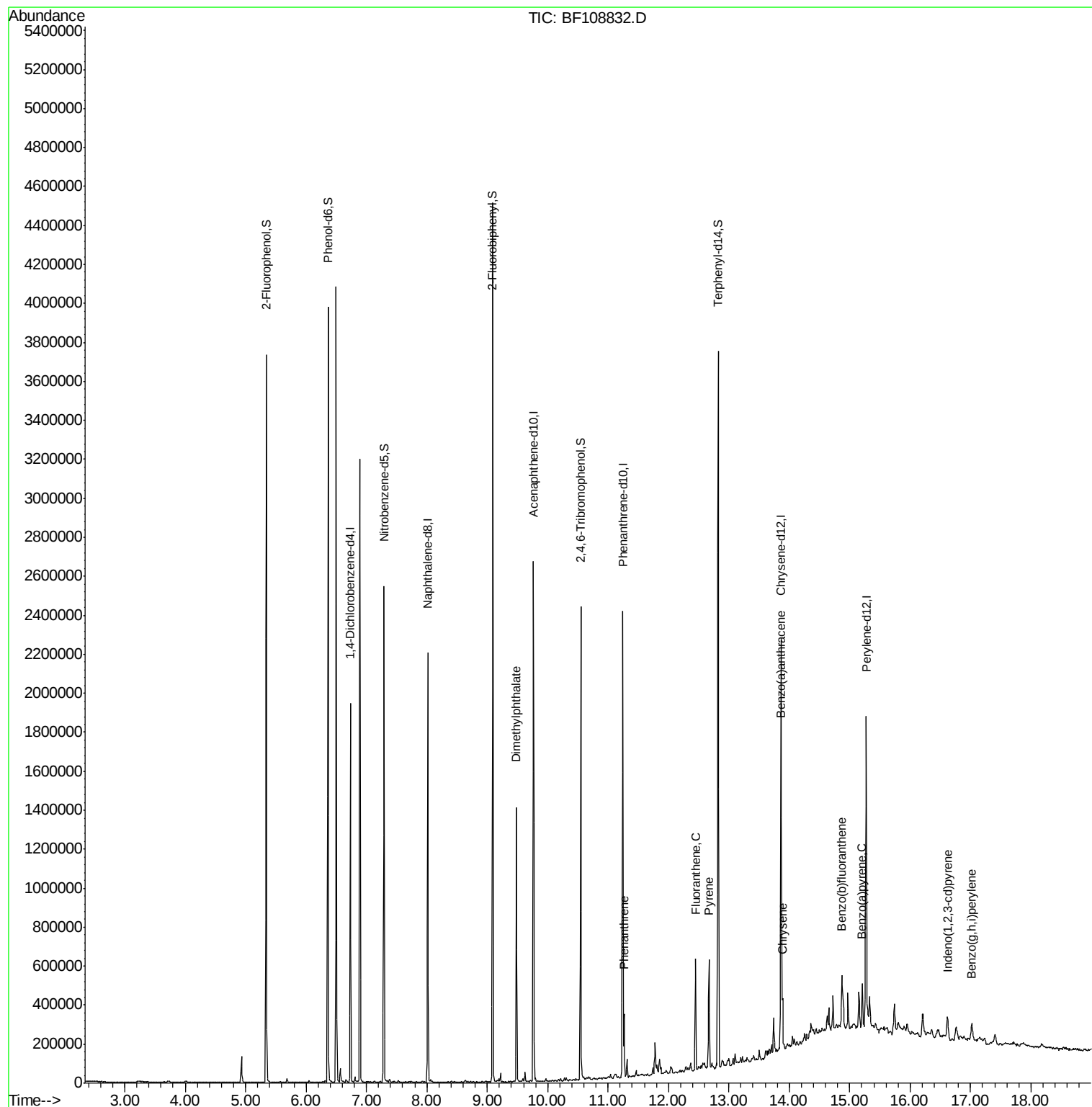
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108832.D
Acq On : 6 Sep 2018 19:20
Operator : JU/SJ
Sample : J4803-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

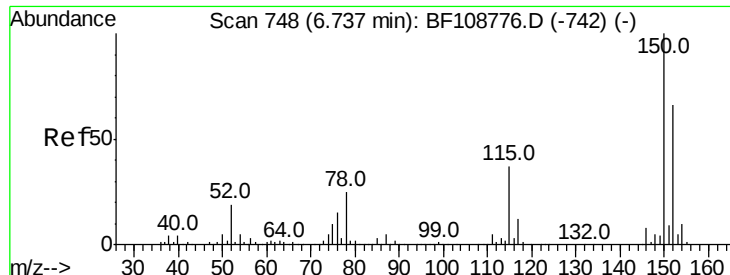
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F6

Manual Integrations
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Quant Time: Sep 07 09:08:31 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

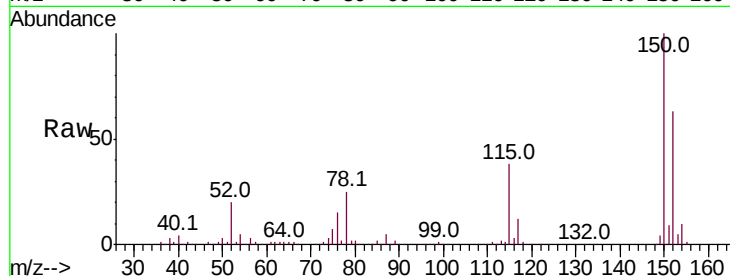
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	60.3	50.1	75.1

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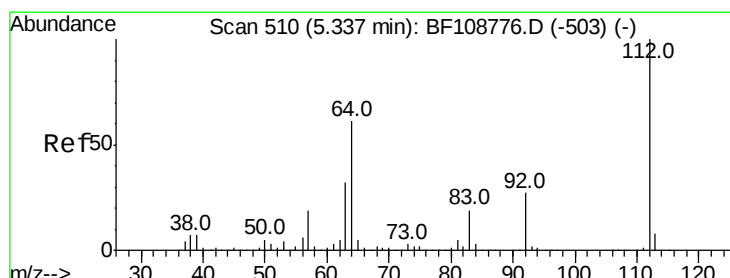
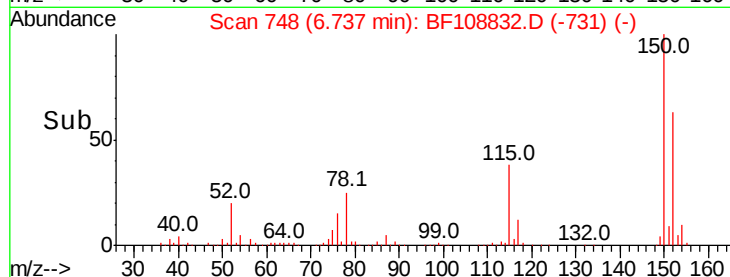
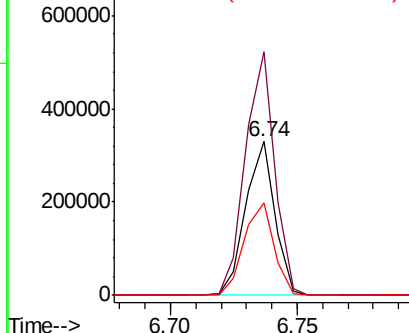


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

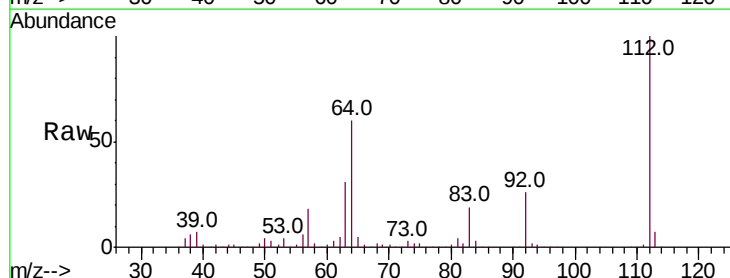
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.186 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.7	23.7	35.5

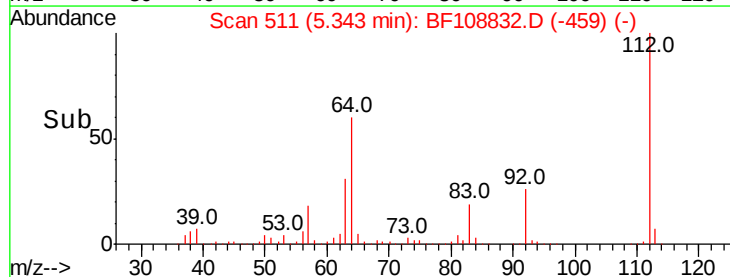
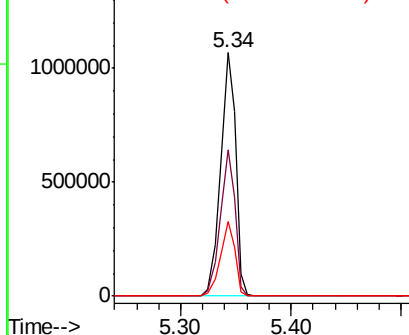


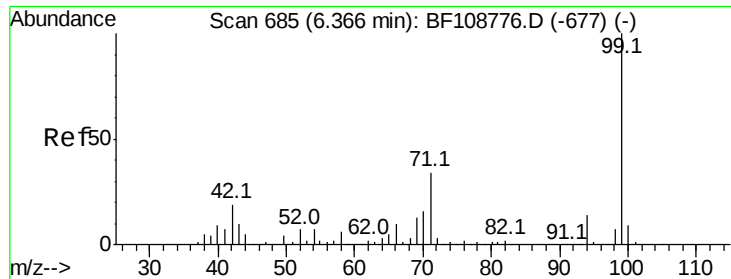
Abundance

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: 63.260 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108832.D

Acq: 6 Sep 2018 19:20

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-F6

Tot Ion: 99 Resp: 1300929

Ion Ratio Lower Upper

99 100

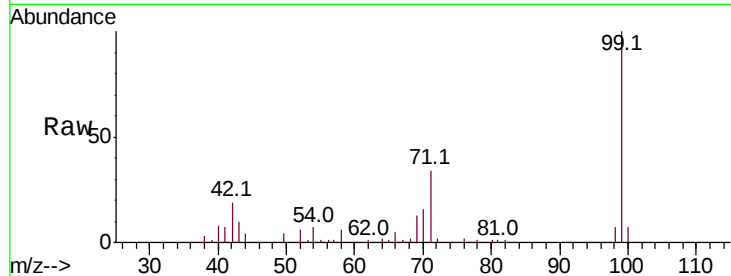
42 18.9 14.5 21.7

71 33.5 25.4 38.0

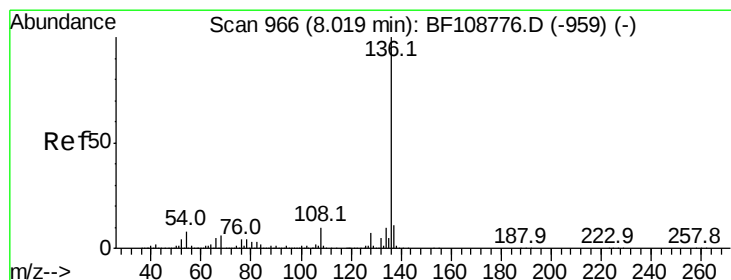
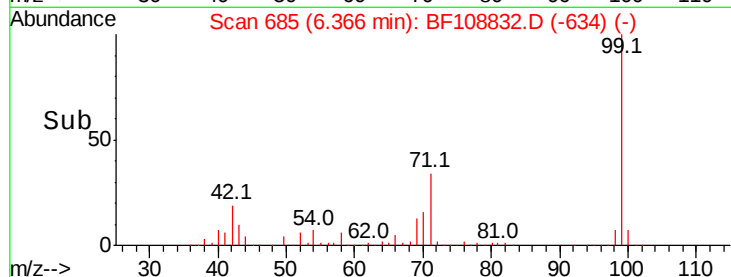
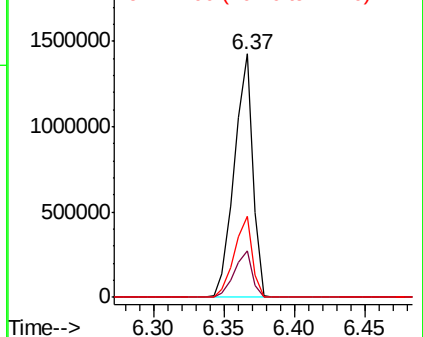
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF108832.D

Acq: 6 Sep 2018 19:20

Tgt Ion: 136 Resp: 1007671

Ion Ratio Lower Upper

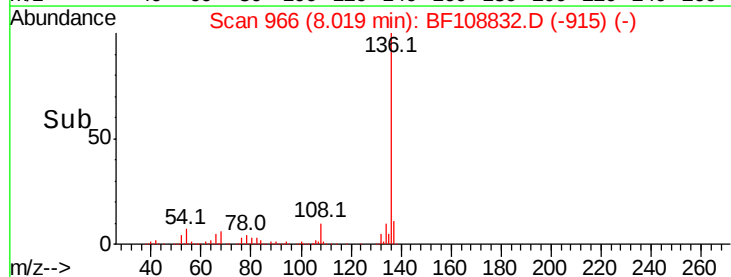
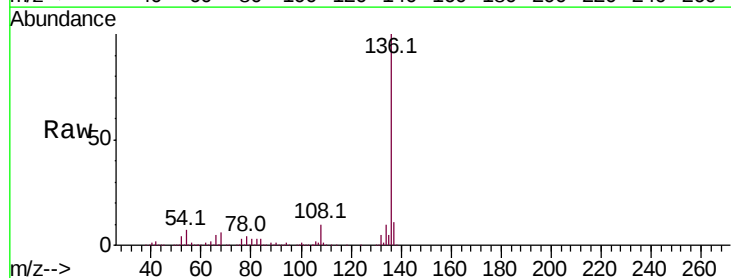
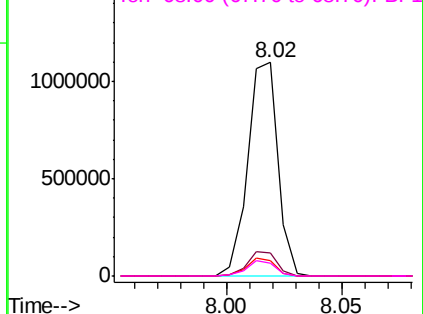
136 100

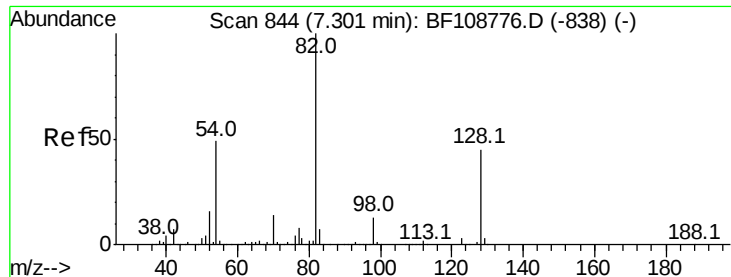
137 10.9 8.9 13.3

54 7.0 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





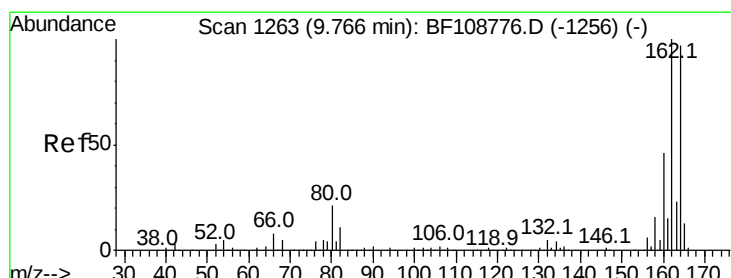
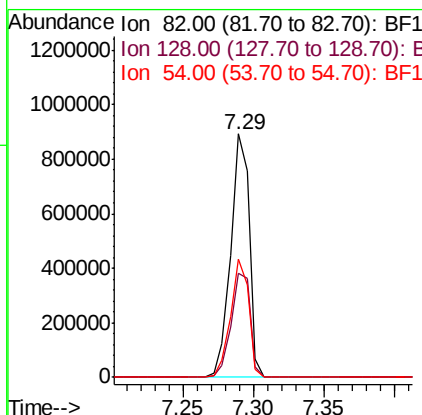
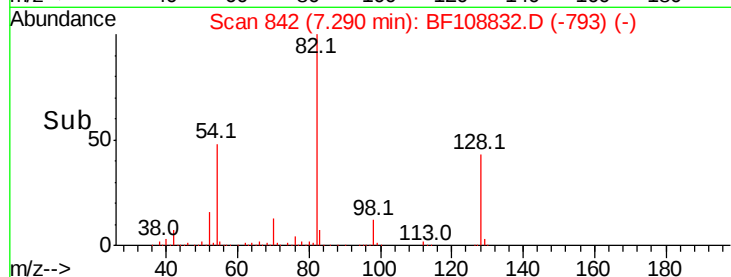
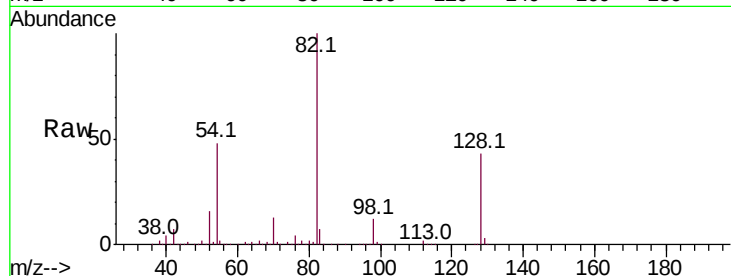
#23
 Nitrobenzene-d5
 Concen: 50.809 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108832.D
 Acq: 6 Sep 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-F6

Tot Ion:	82	Resp:	818119
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.1	54.1
54	48.5	41.4	62.2

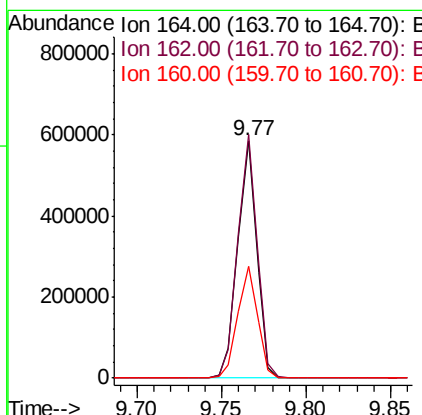
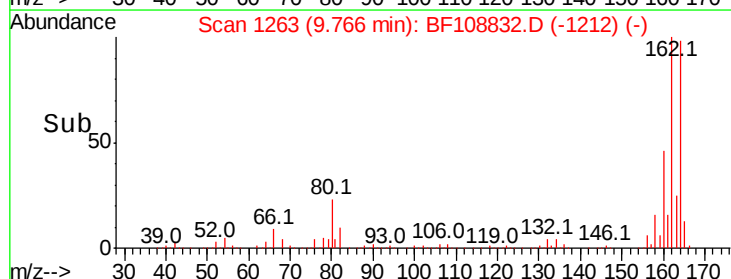
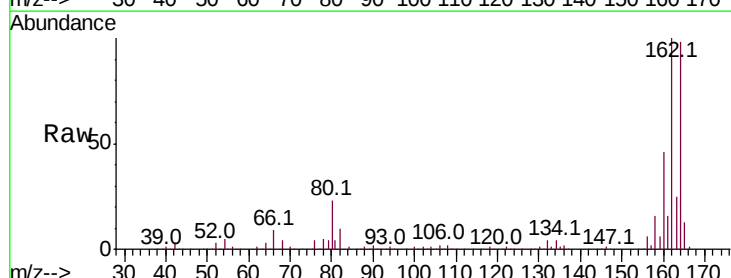
Manual Integrations
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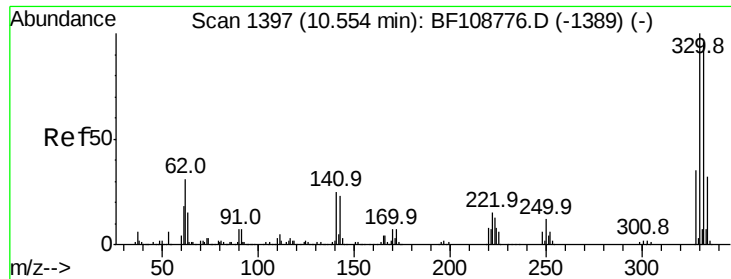
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108832.D
 Acq: 6 Sep 2018 19:20

Tgt Ion:	164	Resp:	461166
Ion Ratio	Lower	Upper	
164	100		
162	102.4	86.1	129.1
160	47.1	38.3	57.5





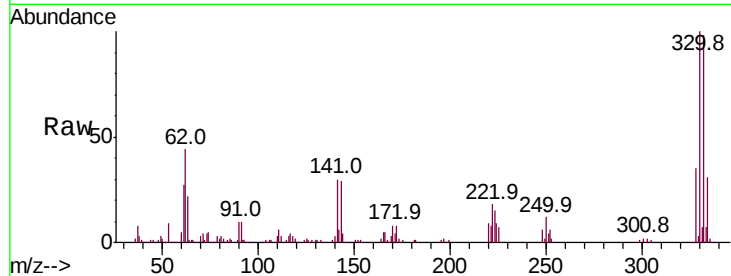
#41
 2,4,6-Tribromophenol
 Concen: 62.934 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108832.D
 Acq: 6 Sep 2018 19:20

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q2-F6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	277070		
332	97.3	77.0	115.6	
141	32.8	29.9	44.9	

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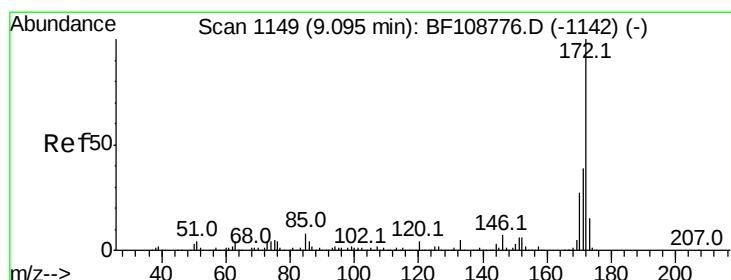
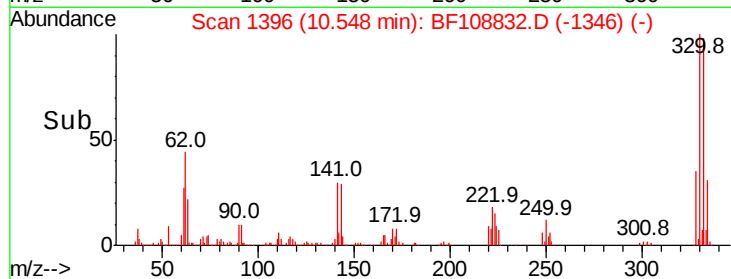
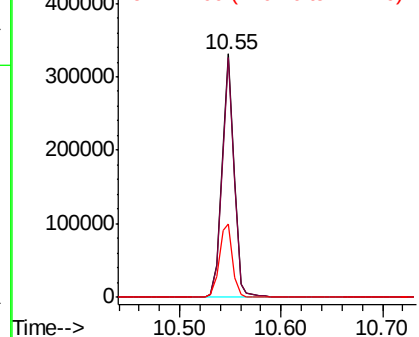


Abundance

Ion 329.80 (329.50 to 330.50): E

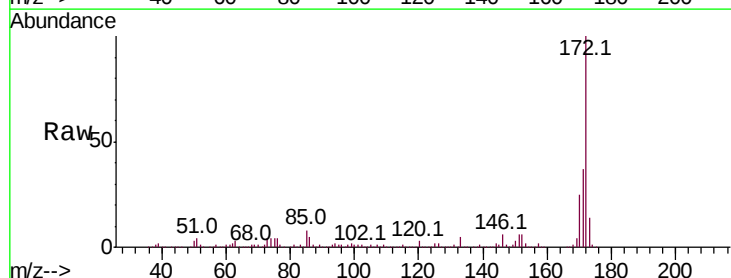
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 53.237 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108832.D
 Acq: 6 Sep 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1439125		
171	36.7	29.7	44.5	
170	24.8	19.6	29.4	

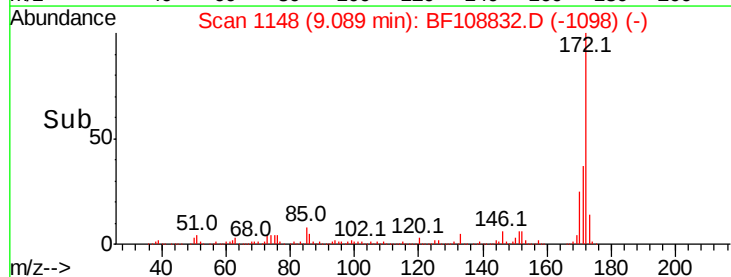
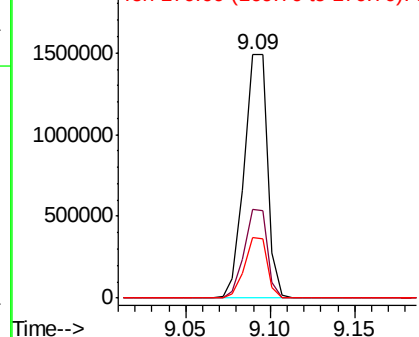


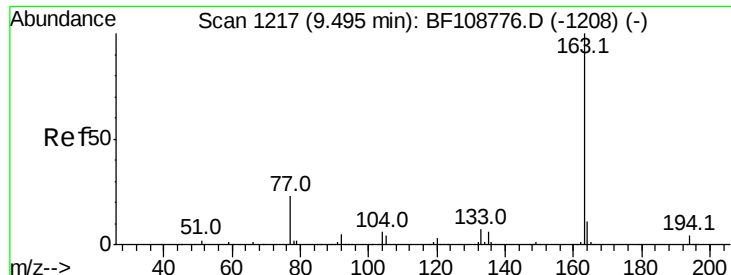
Abundance

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





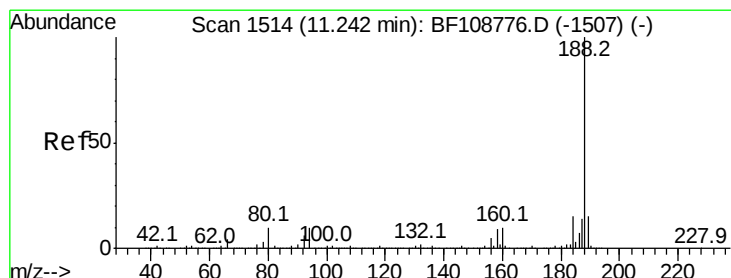
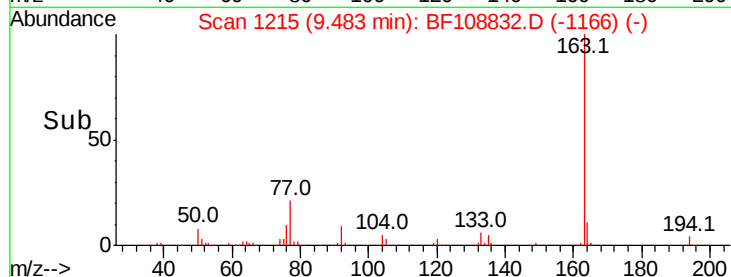
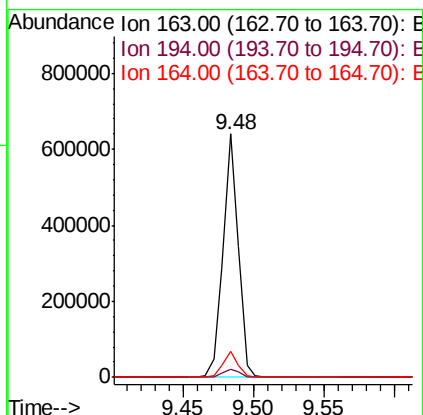
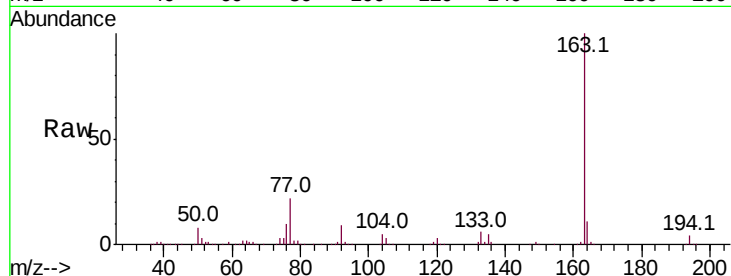
#49
Dimethylphthalate
Concen: 15.003 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	483927		
194	3.6		2.7	4.1
164	10.7		8.2	12.2

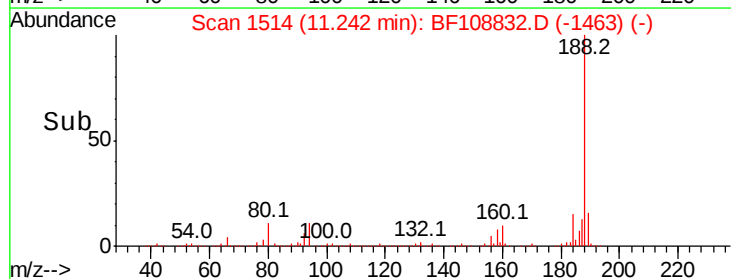
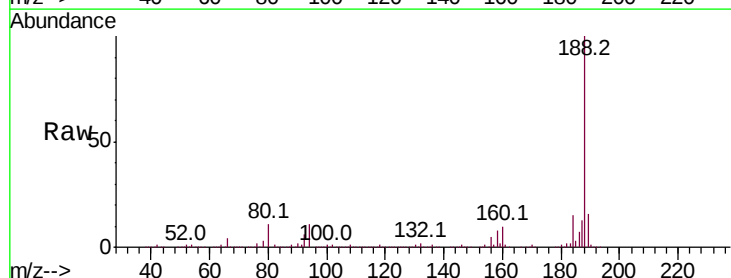
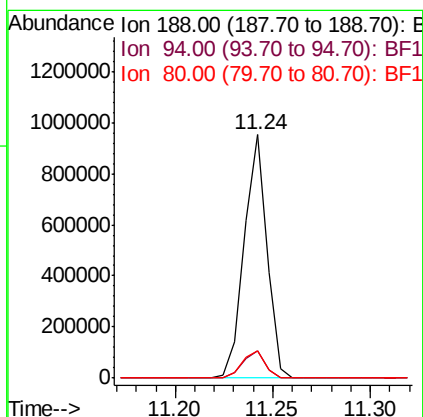
Manual Integrations
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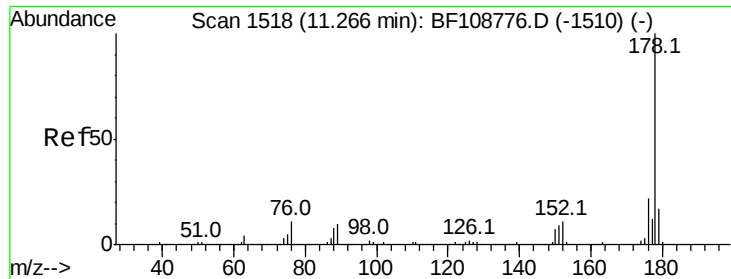
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	768984		
94	11.0		8.5	12.7
80	11.4		9.2	13.8





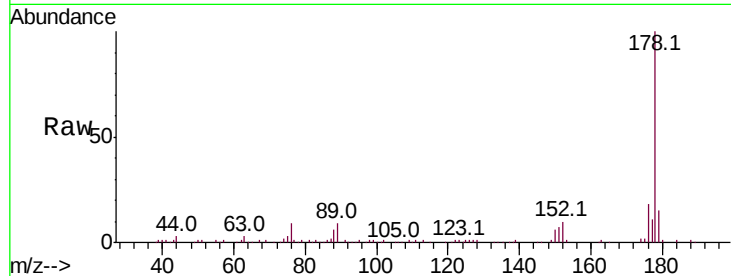
#70
Phenanthrene
Concen: 3.051 ng
RT: 11.27 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F6

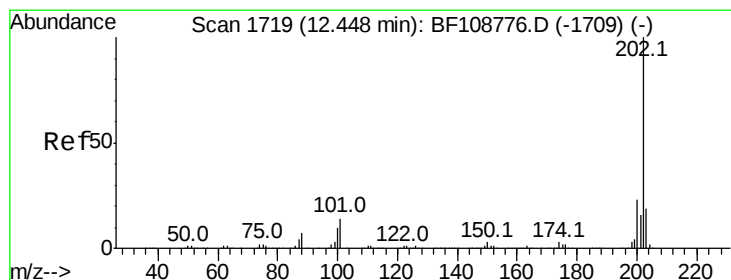
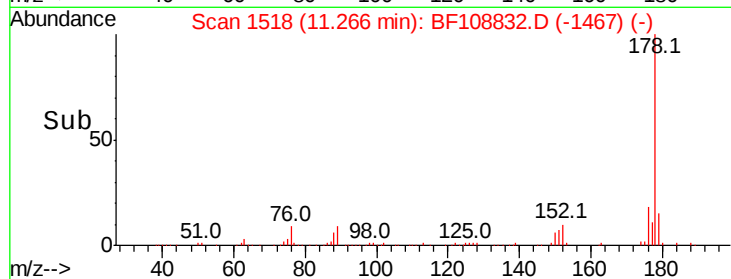
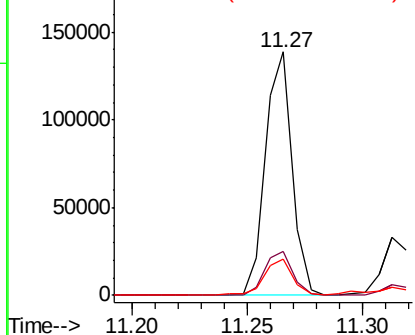
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	14.7	13.0	19.6

Manual Integrations
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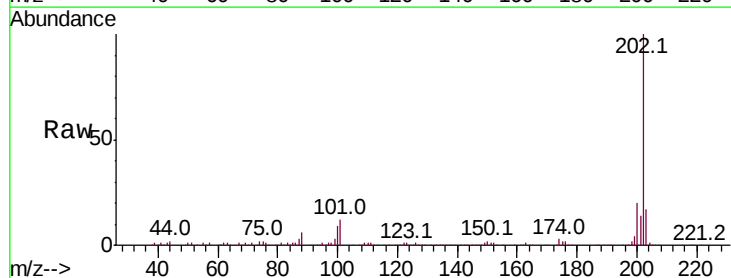


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

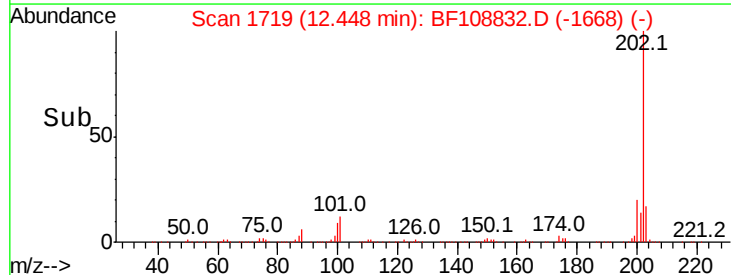
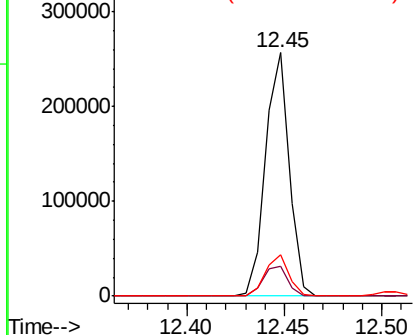


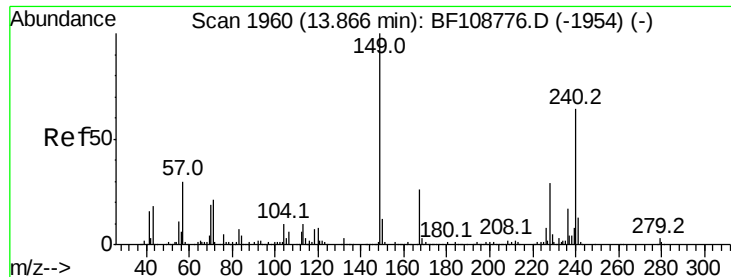
#74
Fluoranthene
Concen: 5.964 ng
RT: 12.45 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.1	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: BF108832.D

Acq: 6 Sep 2018 19:20

Instrument :

BNA_F

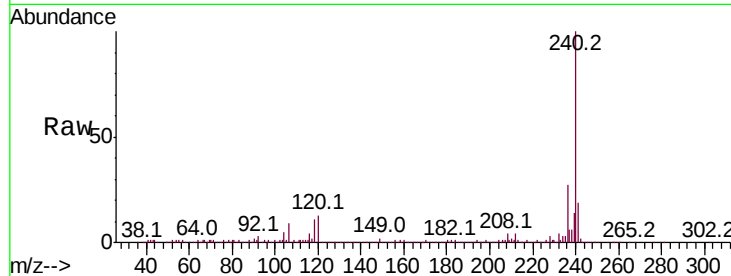
ClientSampleId :

EP1-Q2-F6

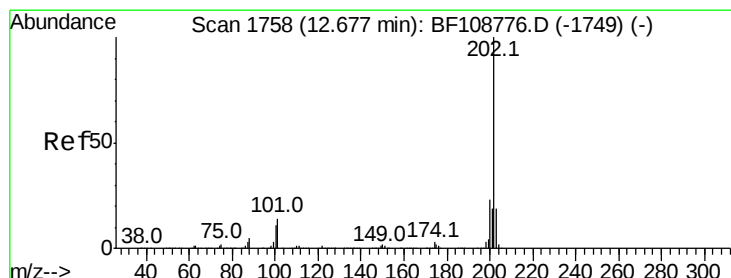
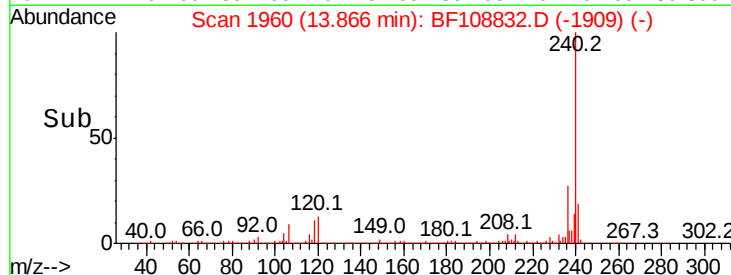
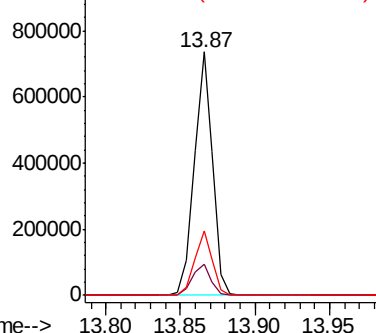
Tot Ion:	240	Resp:	635944
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	26.5	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
1000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.087 ng

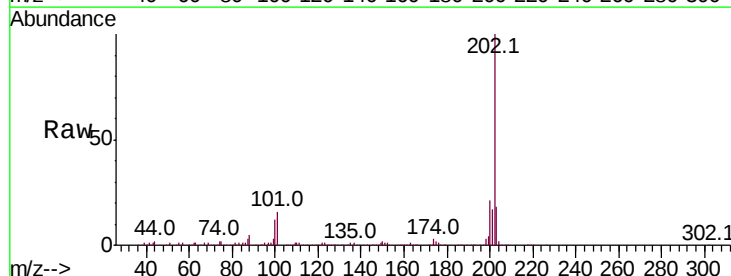
RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

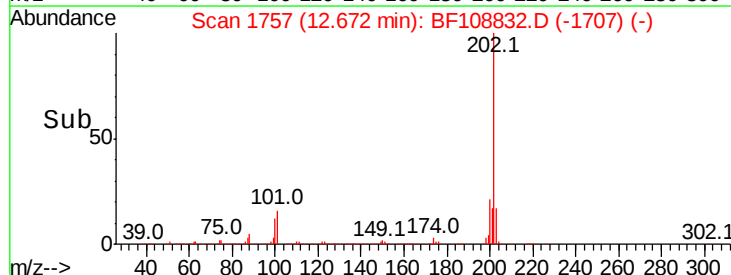
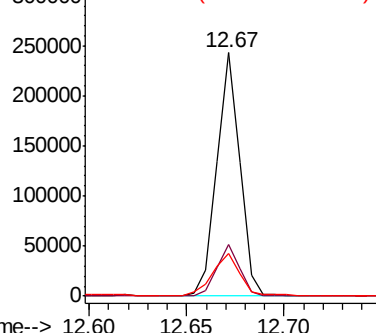
Lab File: BF108832.D

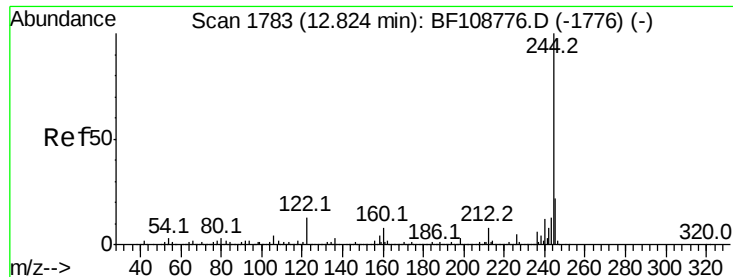
Acq: 6 Sep 2018 19:20

Tgt Ion:	202	Resp:	199994
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.7	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
300000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





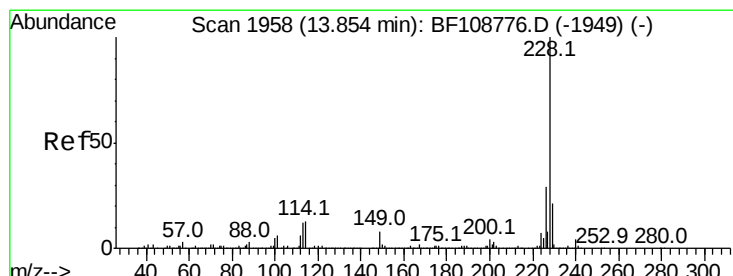
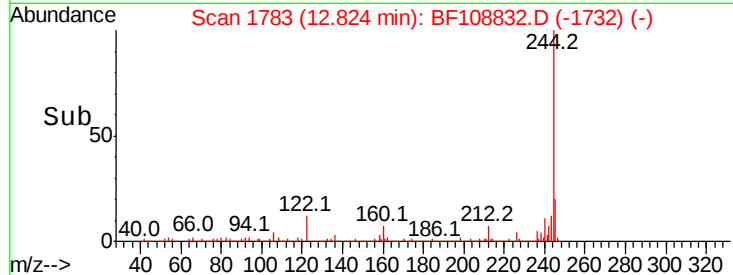
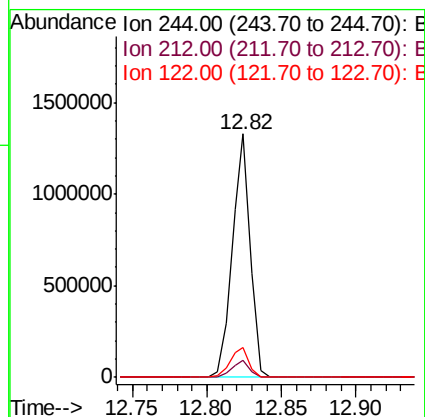
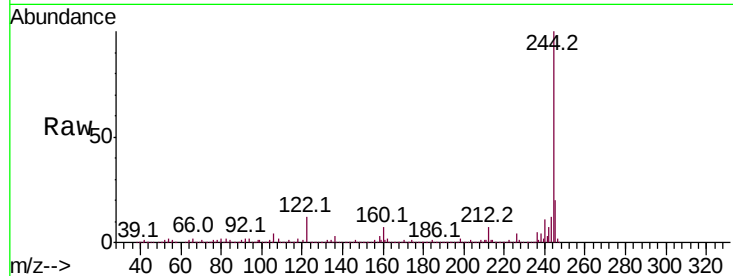
#78
 Terphenyl-d14
 Concen: 41.312 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108832.D
 Acq: 6 Sep 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-F6

Tot Ion:	244	Resp:	1126644
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	12.4	11.0	16.4

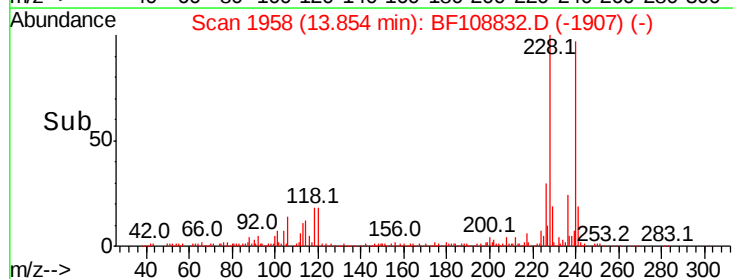
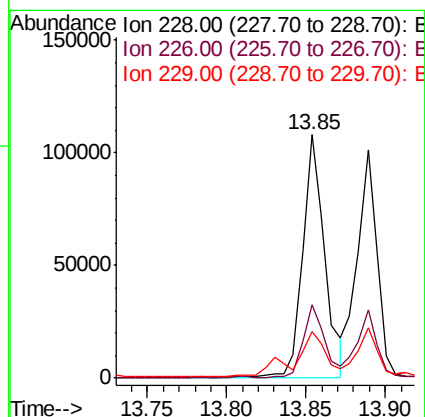
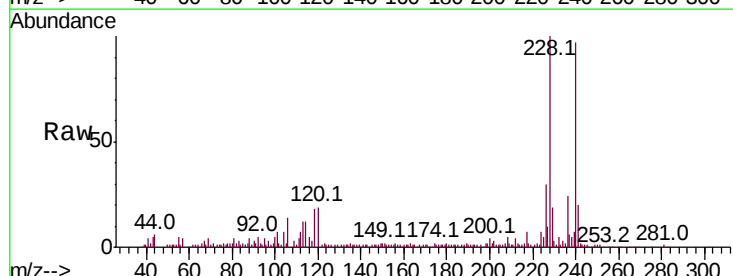
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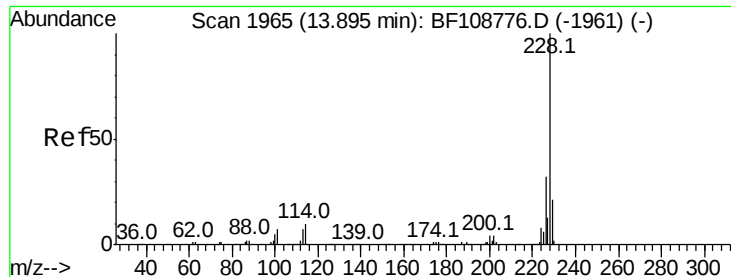
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#80
 Benzo(a)anthracene
 Concen: 2.587 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF108832.D
 Acq: 6 Sep 2018 19:20

Tgt Ion:	228	Resp:	105467
Ion Ratio	Lower	Upper	
228	100		
226	30.0	22.6	33.8
229	19.3	15.8	23.6





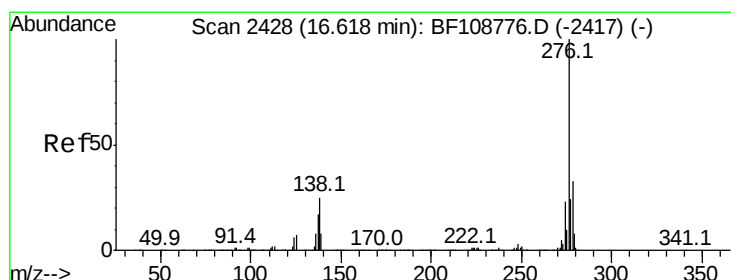
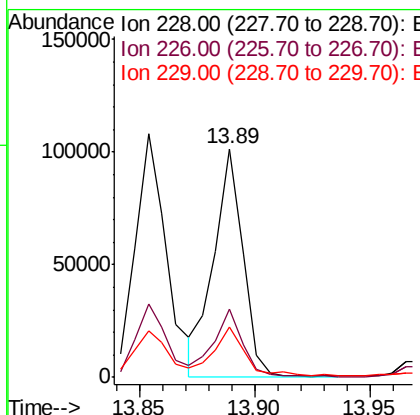
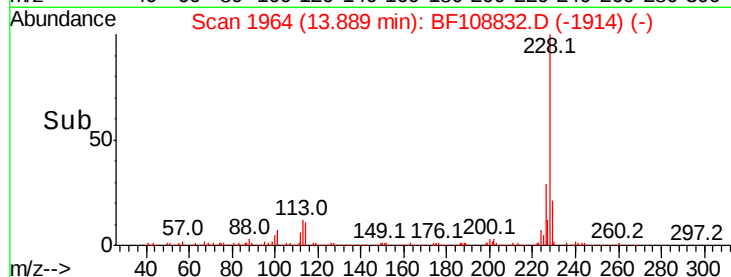
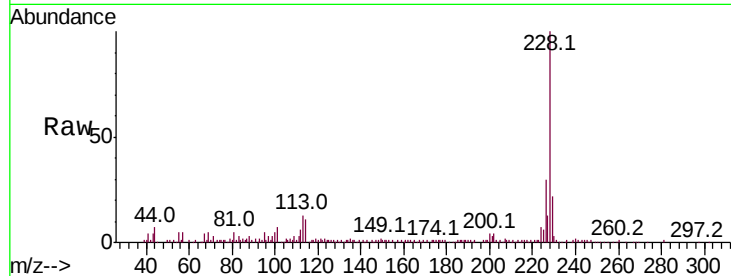
#82
Chrysene
Concen: 2.254 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F6

Tot Ion:	228	Resp:	88963
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	21.9	16.2	24.4

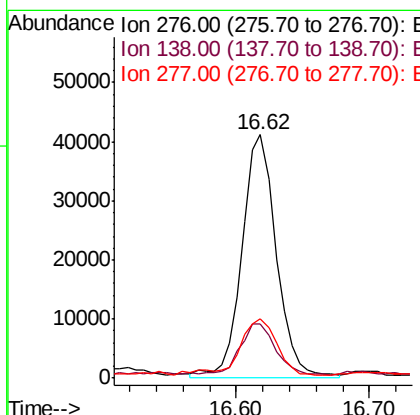
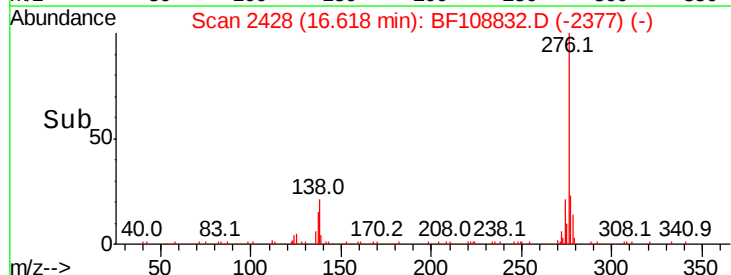
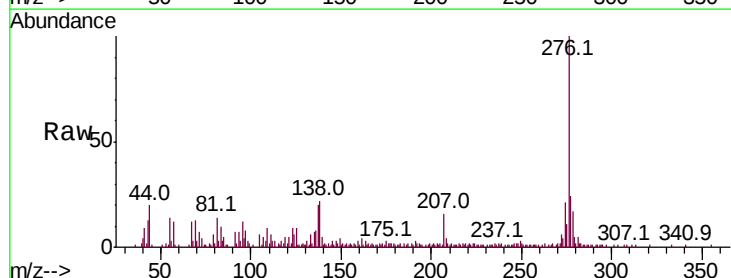
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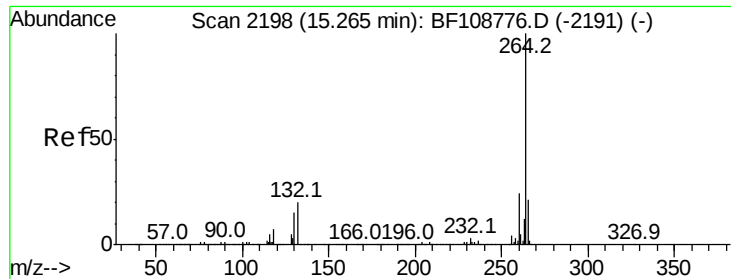
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.110 ng m
RT: 16.62 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Tgt Ion:	276	Resp:	73699
Ion Ratio	Lower	Upper	
276	100		
138	6.4	25.0	37.6#
277	4.0	20.1	30.1#





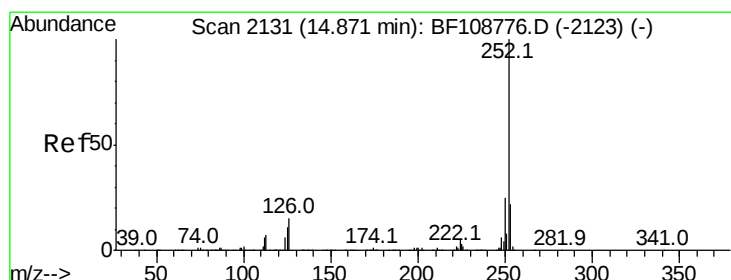
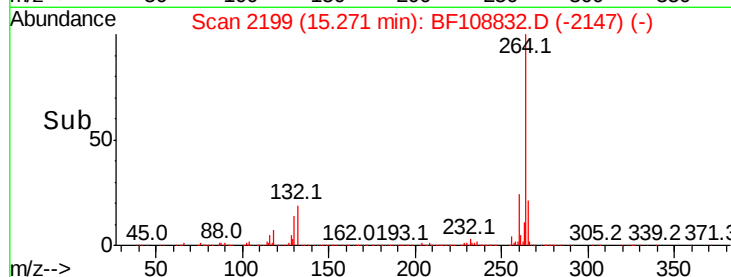
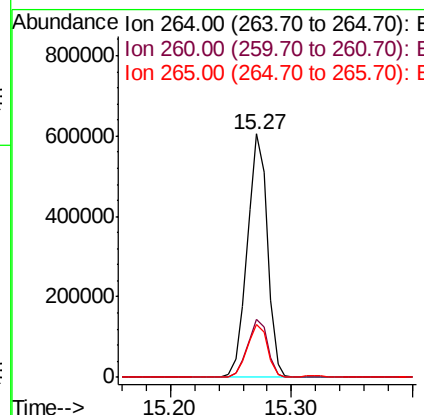
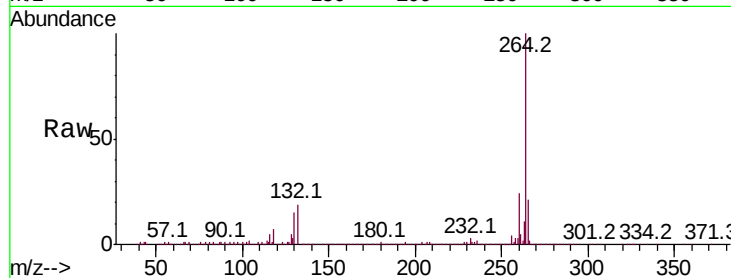
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Instrument :
BNA_F
ClientSampled :
EP1-Q2-F6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

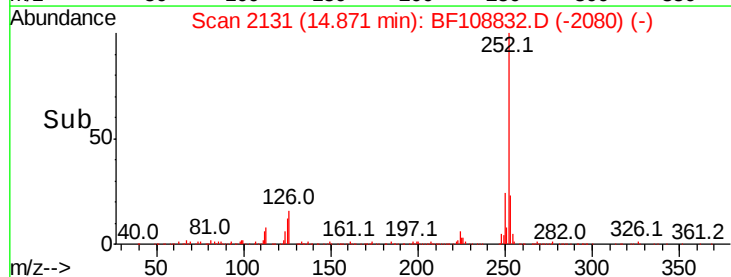
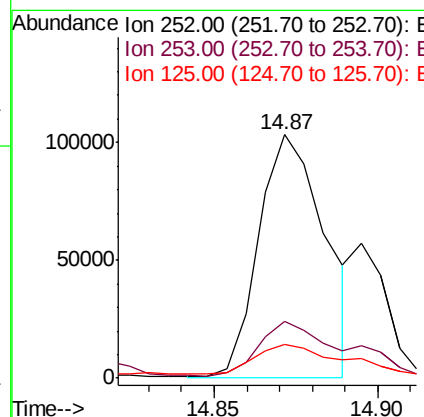
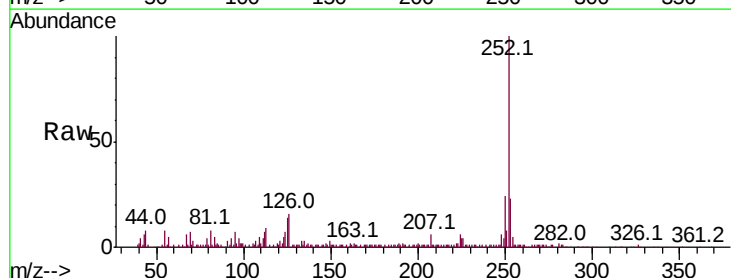
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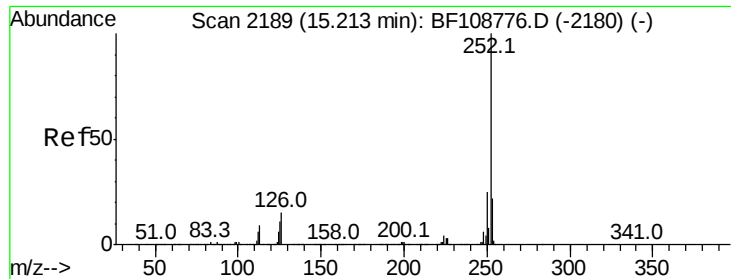
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#87
Benzo(b)fluoranthene
Concen: 3.803 ng m
RT: 14.87 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.7	9.0	13.6#





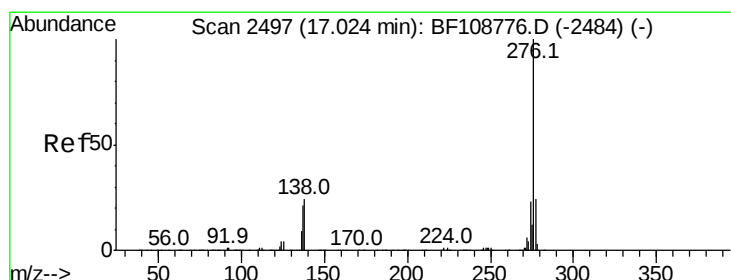
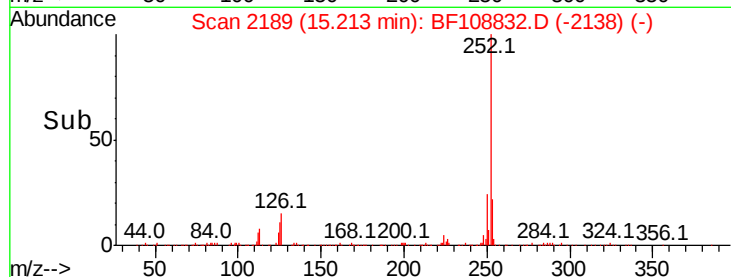
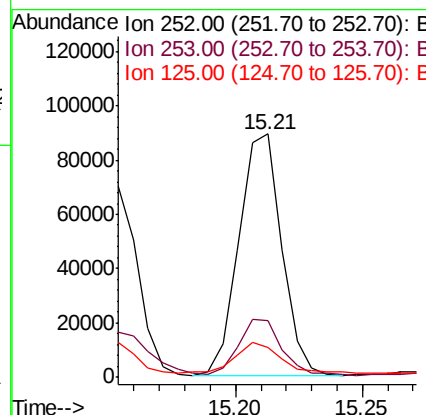
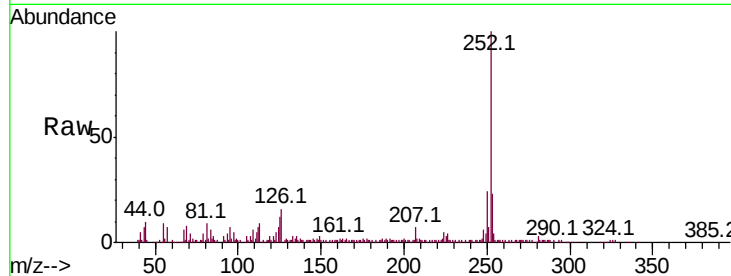
#89
Benzo(a)pyrene
Concen: 2.996 ng
RT: 15.21 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	12.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.290 ng
RT: 17.02 min Scan# 2497
Delta R.T. 0.00 min
Lab File: BF108832.D
Acq: 6 Sep 2018 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	25.1	21.8	32.8

