

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108786.D
 Acq On : 5 Sep 2018 20:45
 Operator : JU/SJ
 Sample : J4741-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC10-01-A

Manual Integrations
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 9/6/2018 4:44:55 PM

Quant Time: Sep 06 05:58:51 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	6.73	152	284996	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1044055	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	449183	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	693051	20.00	ng	0.00
75) Chrysene-d12	13.86	240	534153	20.00	ng	0.00
86) Perylene-d12	15.27	264	450336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1421674	82.64	ng	0.00
7) Phenol-d6	6.37	99	1802060	81.41	ng	0.00
23) Nitrobenzene-d5	7.29	82	1103464	66.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	317236	73.98	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1701081	64.61	ng	0.00
78) Terphenyl-d14	12.82	244	1226154	53.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	755671	24.053	ng	Qvalue # 99
70) Phenanthrene	11.26	178	83686	2.529	ng	97
74) Fluoranthene	12.44	202	174527	5.326	ng	97
77) Pyrene	12.67	202	191102	4.649	ng	98
80) Benzo(a)anthracene	13.85	228	86304	2.521	ng	94
82) Chrysene	13.88	228	95707m	2.888	ng	
83) Bis(2-ethylhexyl)phthalate	13.87	149	728553	31.321	ng	100
87) Benzo(b)fluoranthene	14.87	252	108680m	4.438	ng	
89) Benzo(a)pyrene	15.21	252	71358	3.230	ng	# 92
91) Benzo(g,h,i)perylene	17.01	276	45637	2.341	ng	96

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

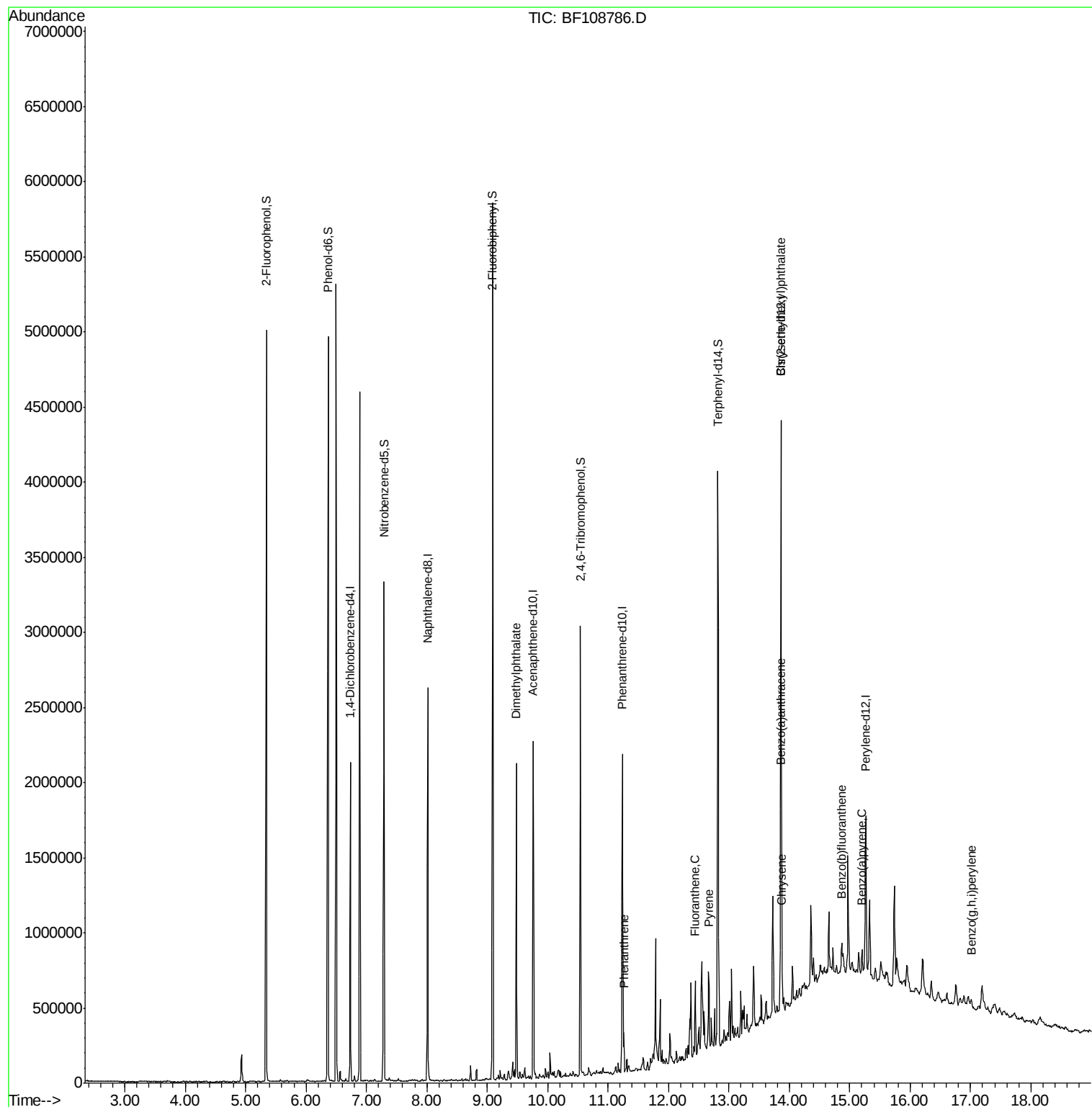
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108786.D
Acq On : 5 Sep 2018 20:45
Operator : JU/SJ
Sample : J4741-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

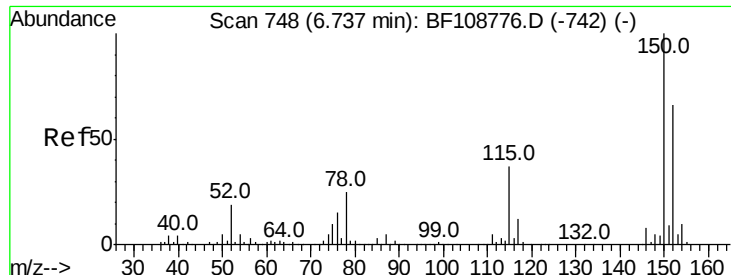
Instrument :
BNA_F
ClientSampleId :
AOC10-01-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

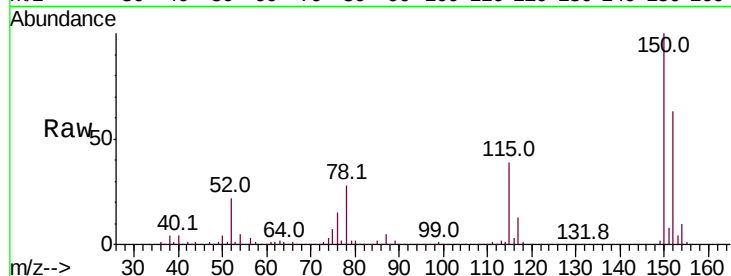
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Instrument :
BNA_F
ClientSampleId :
AOC10-01-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.8	50.1	75.1

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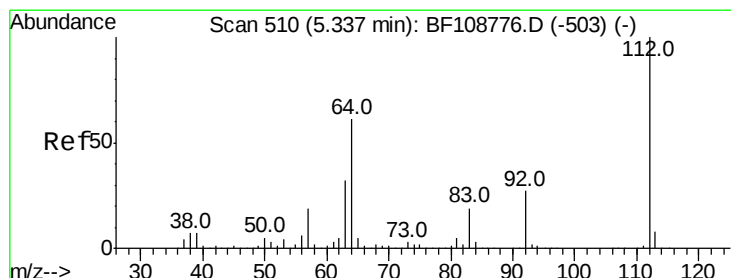
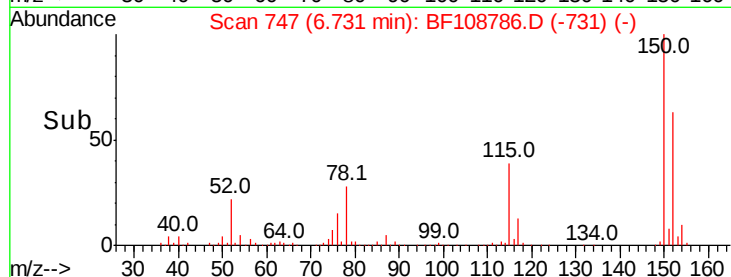
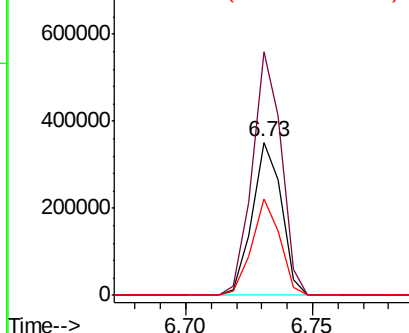


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

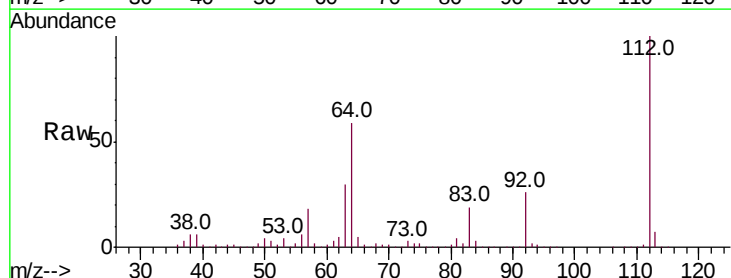
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.641 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	30.4	23.7	35.5

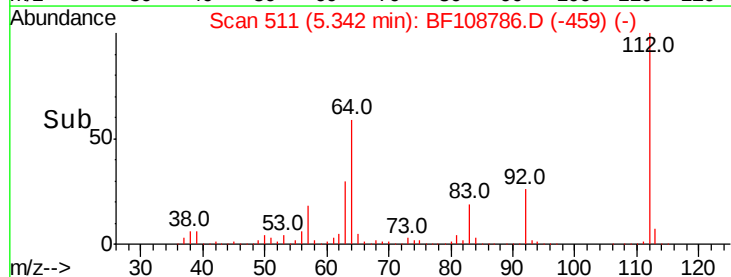
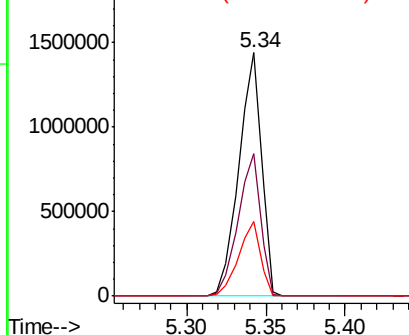


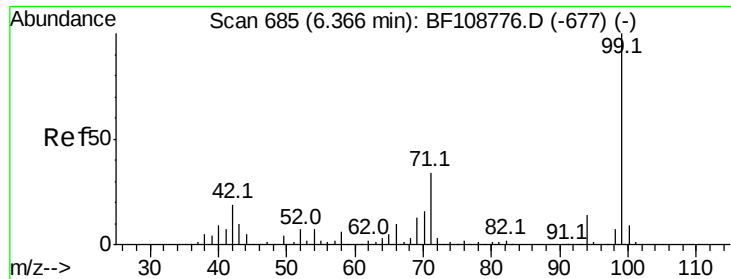
Abundance

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: 81.415 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108786.D

Acq: 5 Sep 2018 20:45

Instrument :

BNA_F

ClientSampleId :

AOC10-01-A

Tot Ion: 99 Resp: 1802060

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

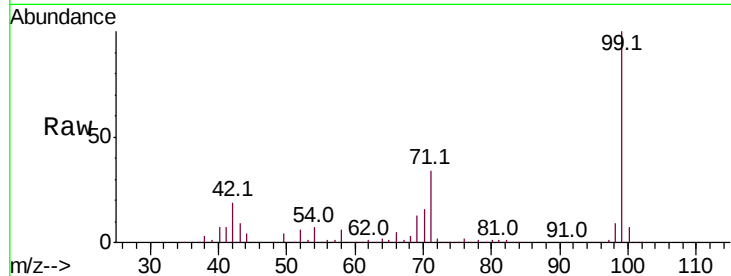
71 33.6 25.4 38.0

Manual Integrations

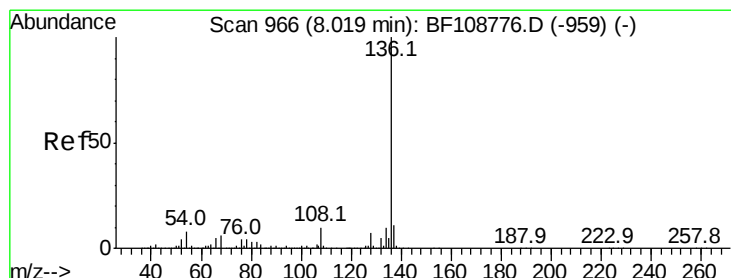
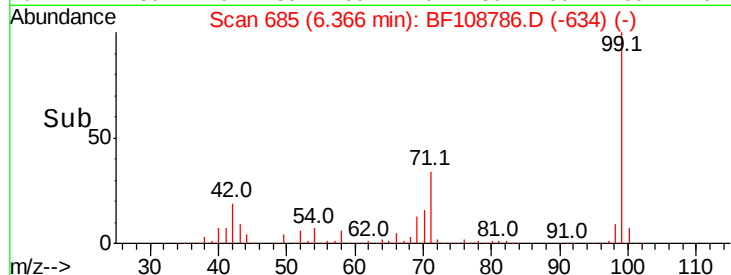
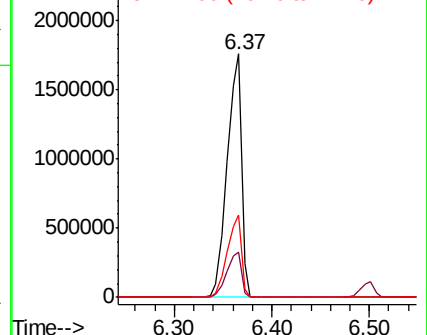
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108786.D

Acq: 5 Sep 2018 20:45

Tgt Ion:136 Resp: 1044055

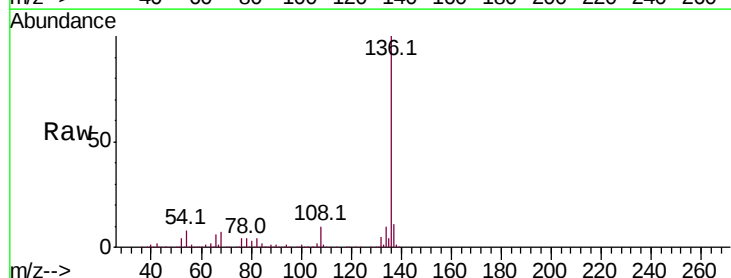
Ion Ratio Lower Upper

136 100

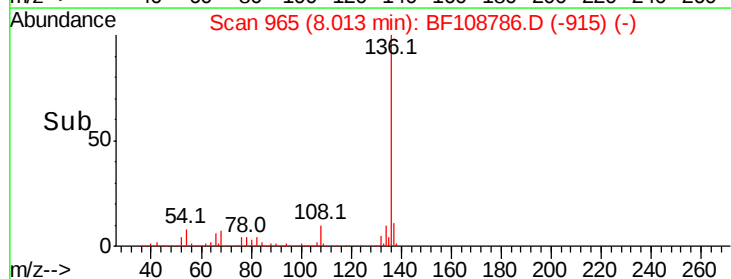
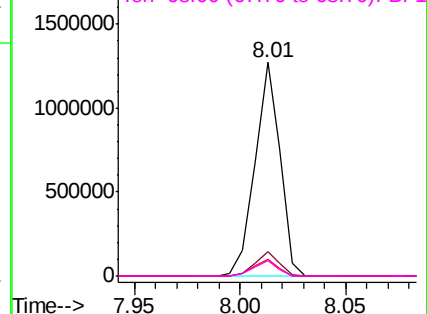
137 11.3 8.9 13.3

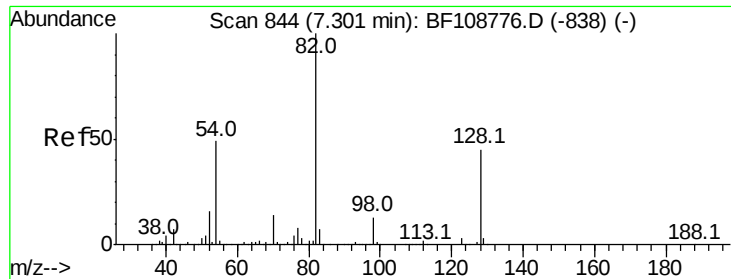
54 8.1 6.6 9.8

68 7.2 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





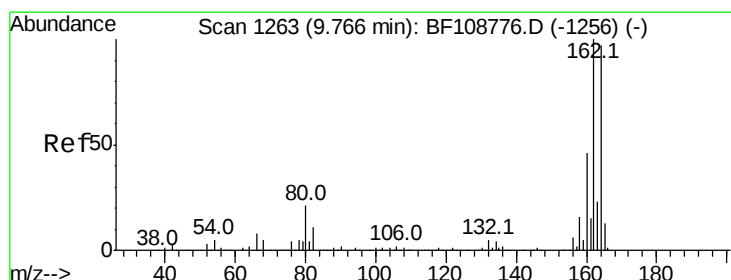
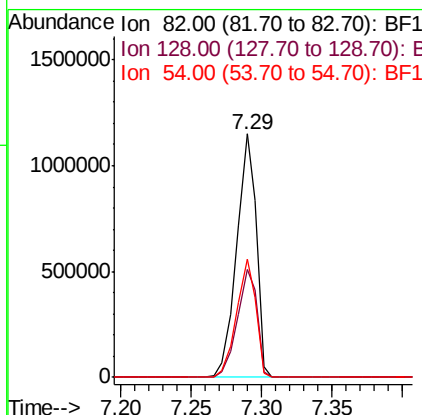
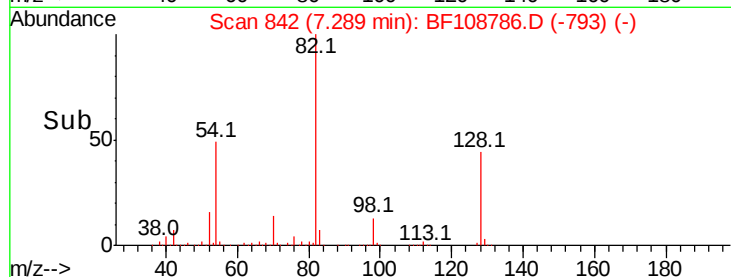
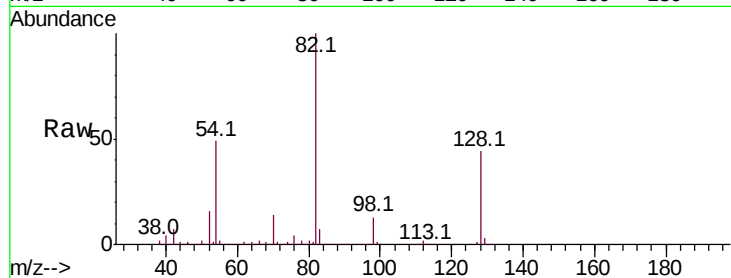
#23
 Nitrobenzene-d5
 Concen: 66.142 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108786.D
 Acq: 5 Sep 2018 20:45

Instrument :
 BNA_F
 ClientSampleId :
 AOC10-01-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.7	41.4	62.2

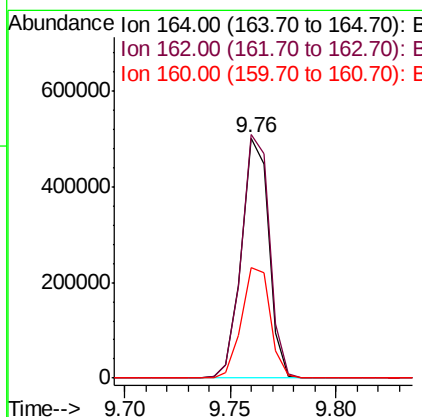
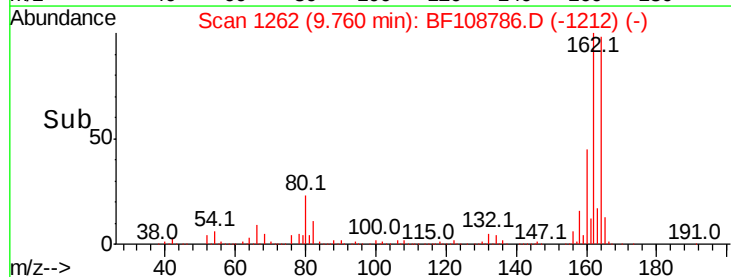
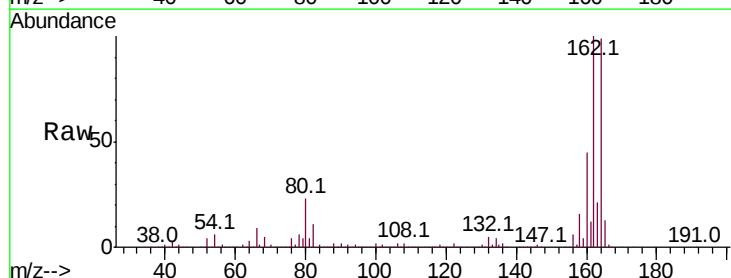
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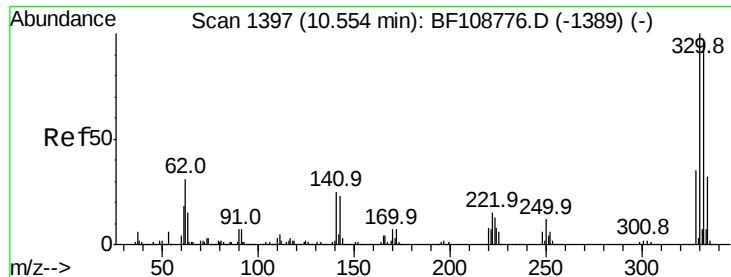
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108786.D
 Acq: 5 Sep 2018 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.1	38.3	57.5





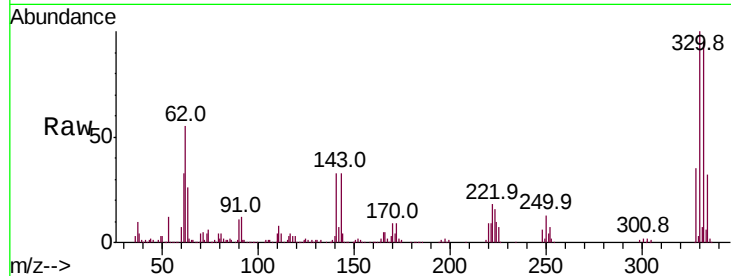
#41
 2,4,6-Tribromophenol
 Concen: 73.980 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108786.D
 Acq: 5 Sep 2018 20:45

Instrument :
 BNA_F
 ClientSampled :
 AOC10-01-A

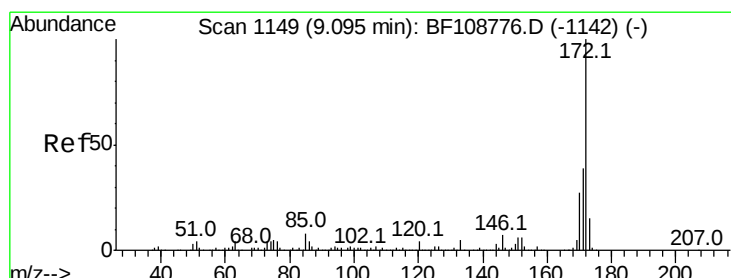
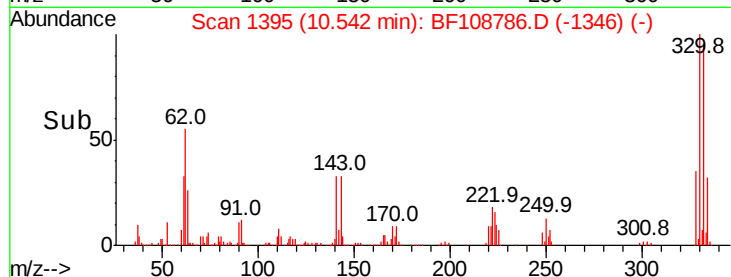
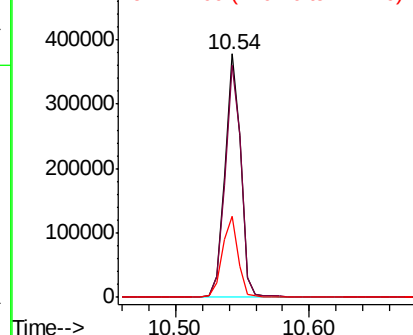
Tot Ion:	330	Resp:	317236
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.0	115.6
141	34.0	29.9	44.9

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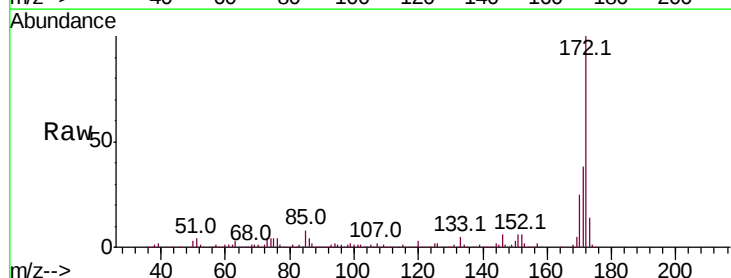


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

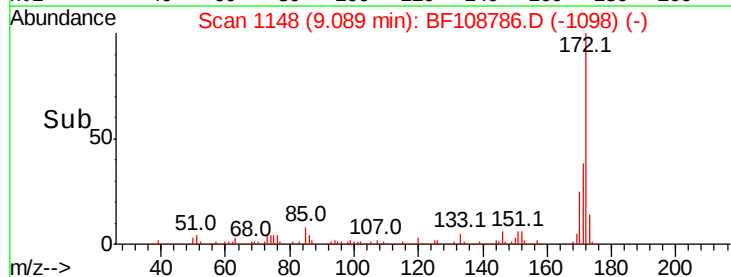
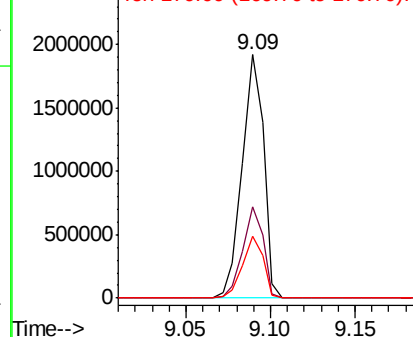


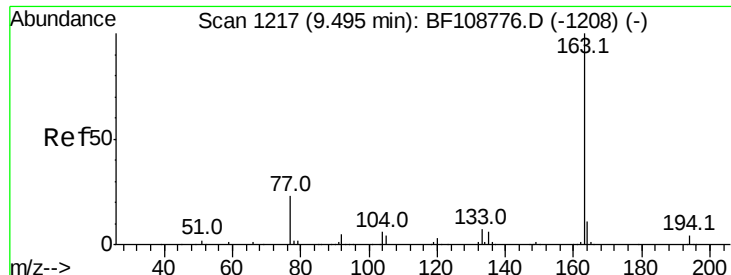
#44
 2-Fluorobiphenyl
 Concen: 64.607 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108786.D
 Acq: 5 Sep 2018 20:45

Tgt Ion:	172	Resp:	1701081
Ion Ratio	Lower	Upper	
172	100		
171	37.5	29.7	44.5
170	25.4	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





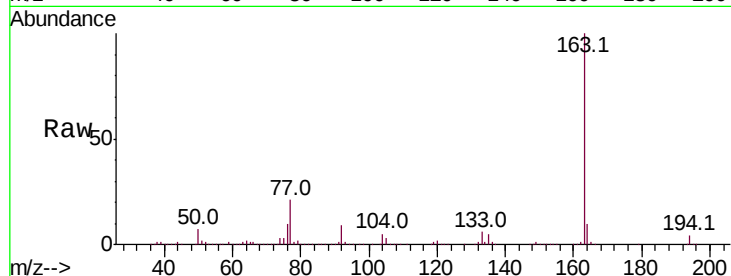
#49
Dimethylphthalate
Concen: 24.053 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Instrument :
BNA_F
ClientSampleId :
AOC10-01-A

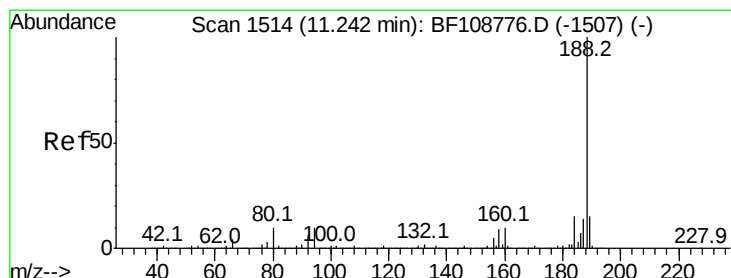
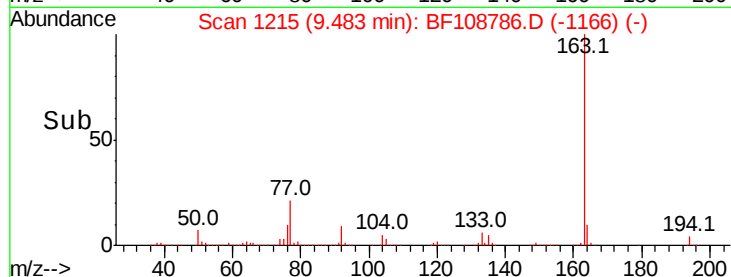
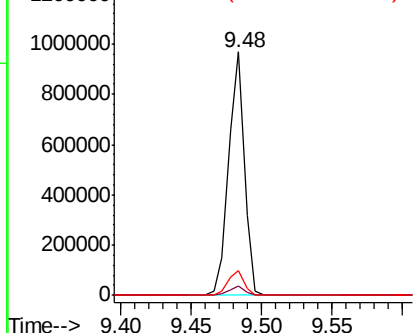
Tot Ion	Ratio	Resp	Lower	Upper
163	100	755671		
194	4.1	2.7	4.1#	
164	10.3	8.2	12.2	

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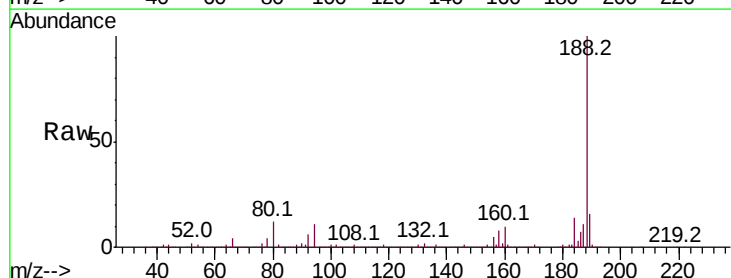


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

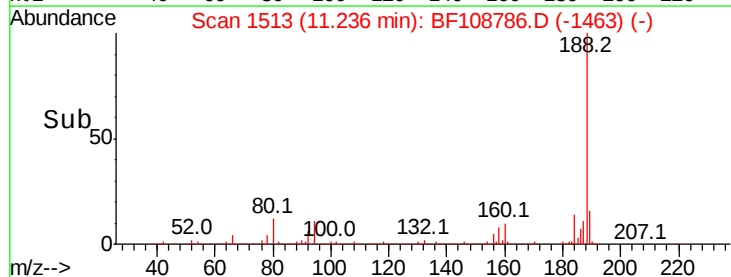
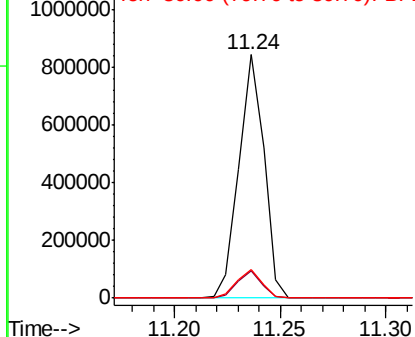


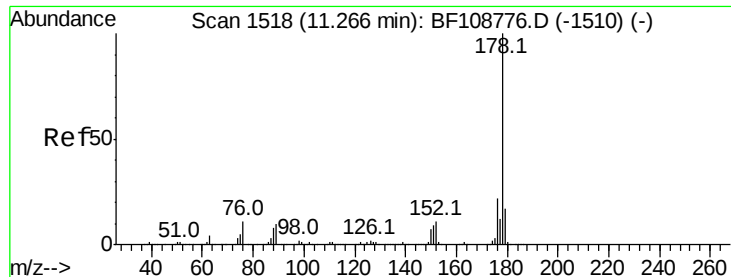
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	693051		
94	11.4	8.5	12.7	
80	11.8	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





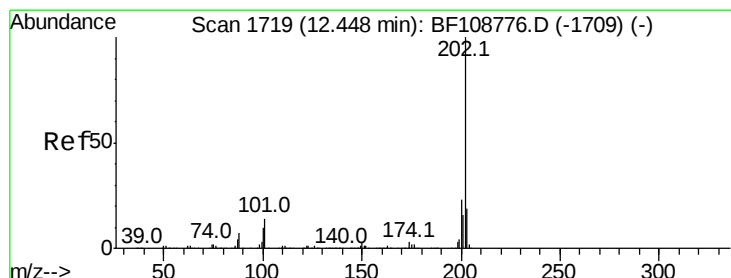
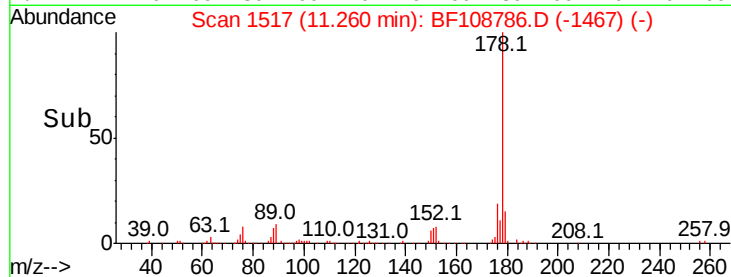
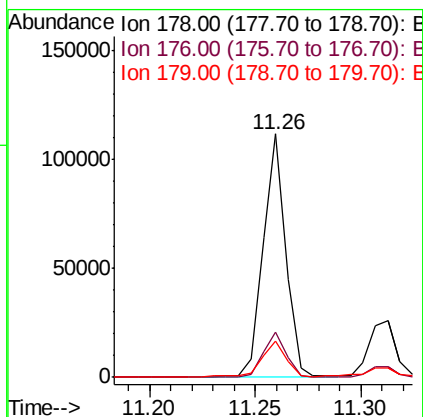
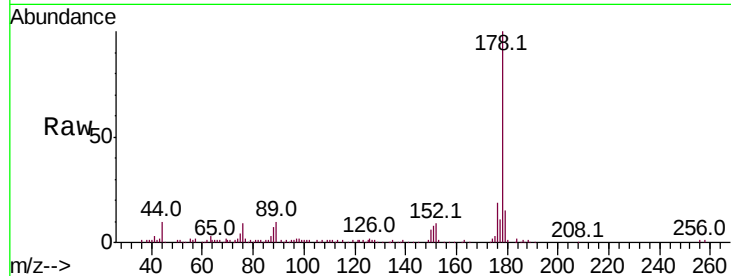
#70
Phenanthrene
Concen: 2.529 ng
RT: 11.26 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Instrument :
BNA_F
ClientSampled :
AOC10-01-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.9	13.0	19.6

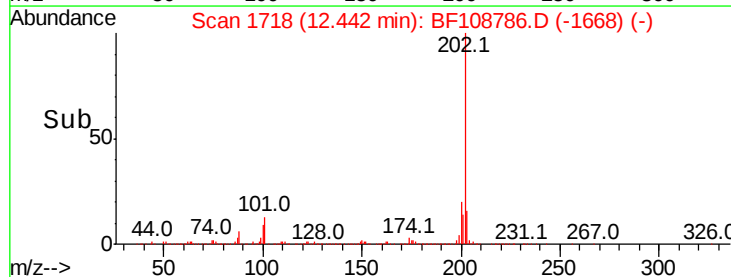
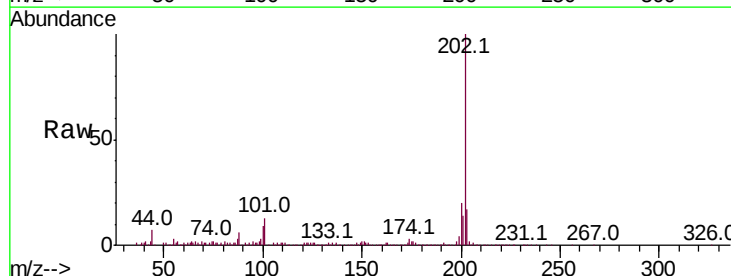
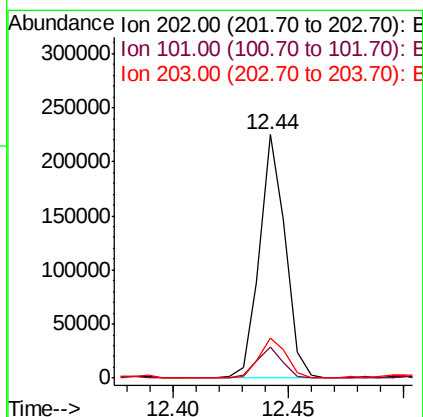
Manual Integrations
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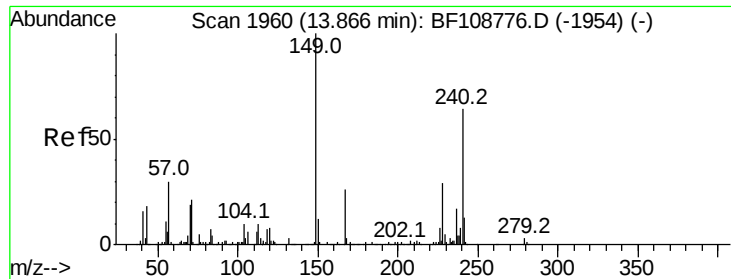
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#74
Fluoranthene
Concen: 5.326 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	16.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108786.D

Acq: 5 Sep 2018 20:45

Instrument :

BNA_F

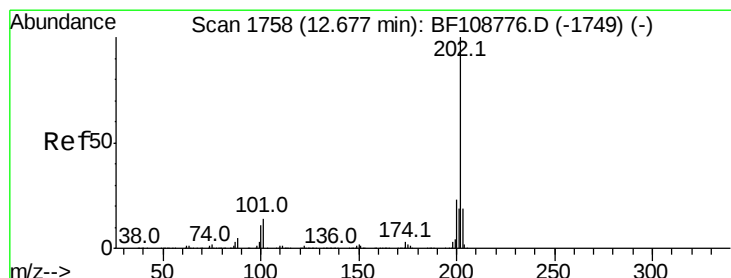
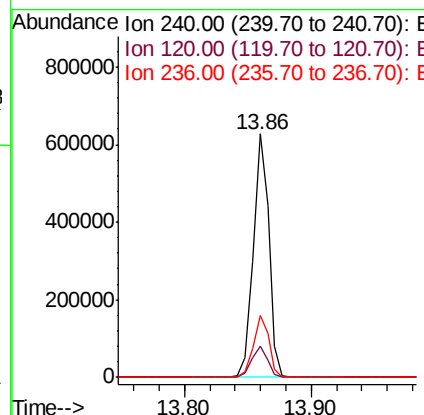
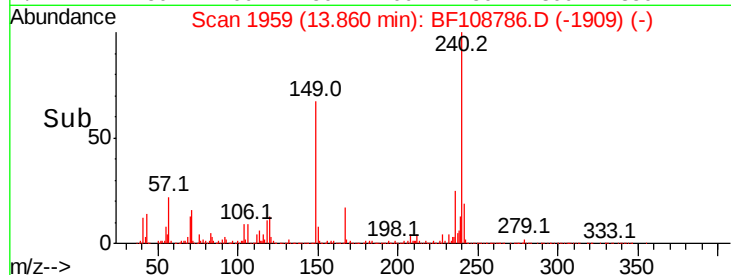
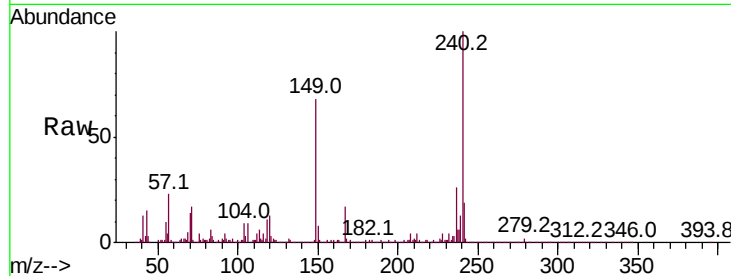
ClientSampleId :

AOC10-01-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.6	20.7	31.1

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#77

Pyrene

Concen: 4.649 ng

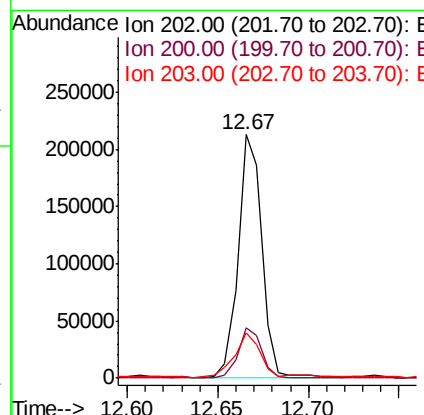
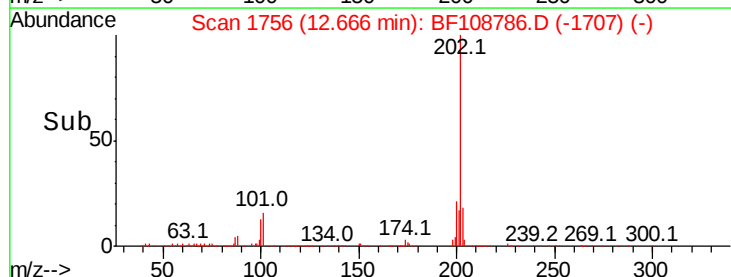
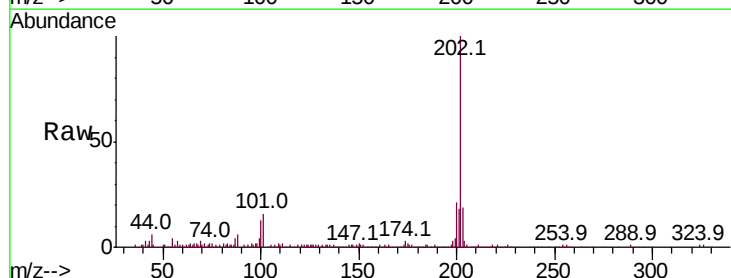
RT: 12.67 min Scan# 1756

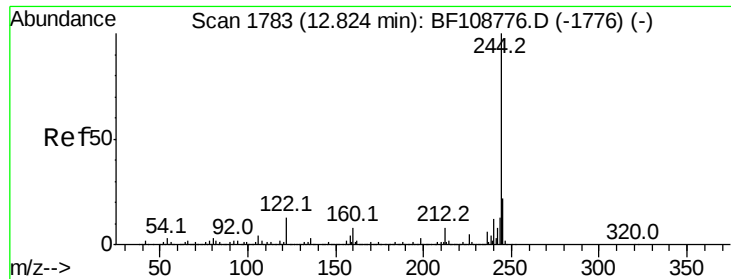
Delta R.T. -0.01 min

Lab File: BF108786.D

Acq: 5 Sep 2018 20:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.7	14.3	21.5





#78

Terphenyl-d14

Concen: 53.529 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108786.D

Acq: 5 Sep 2018 20:45

Instrument :

BNA_F

ClientSampleId :

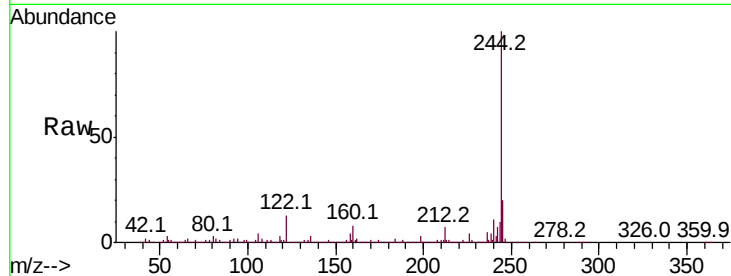
AOC10-01-A

Tot Ion:244 Resp: 1226154

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.9	11.0	16.4

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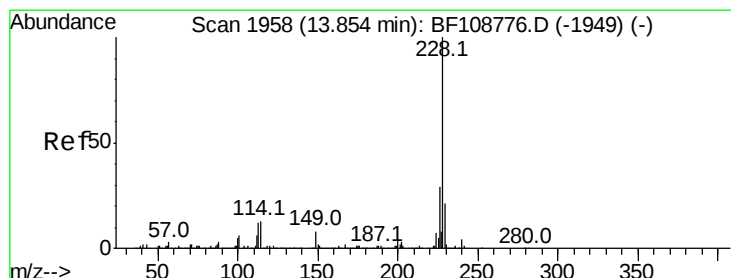
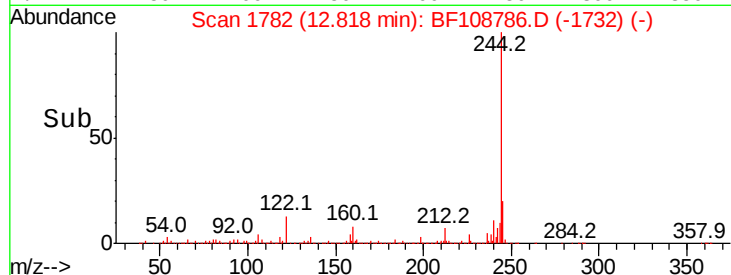
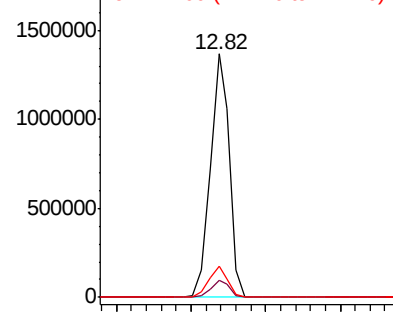
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.521 ng

RT: 13.85 min Scan# 1957

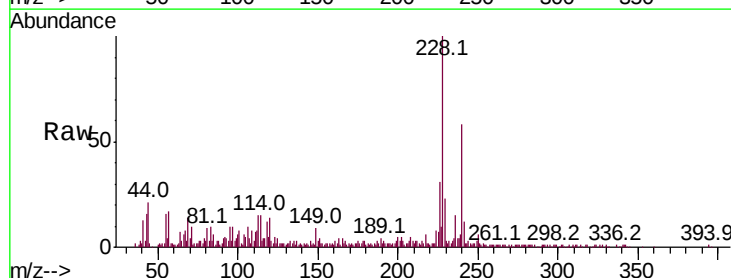
Delta R.T. -0.01 min

Lab File: BF108786.D

Acq: 5 Sep 2018 20:45

Tgt Ion:228 Resp: 86304

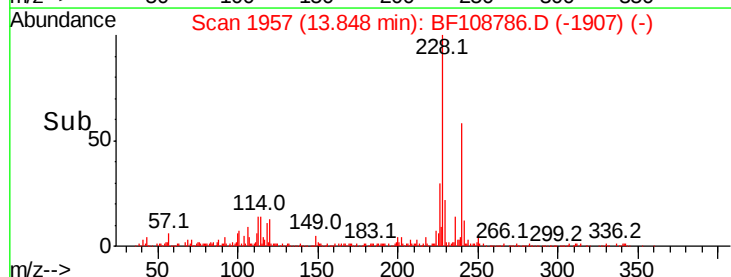
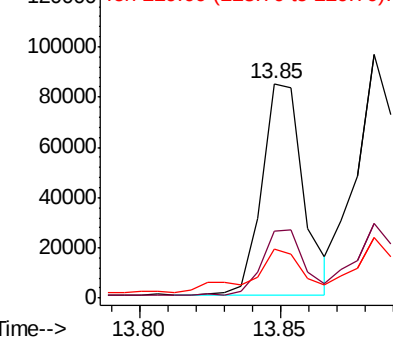
Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	23.0	15.8	23.6

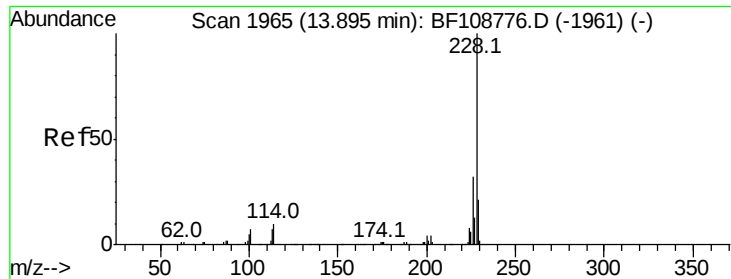


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





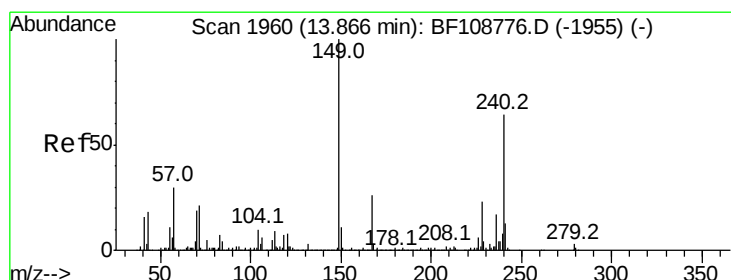
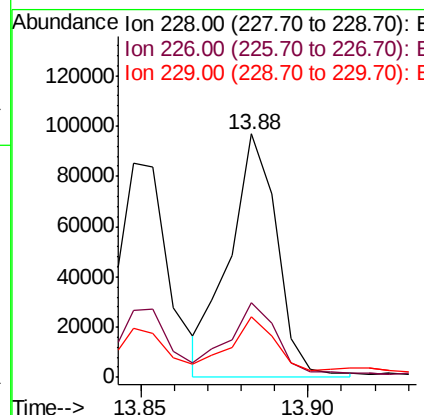
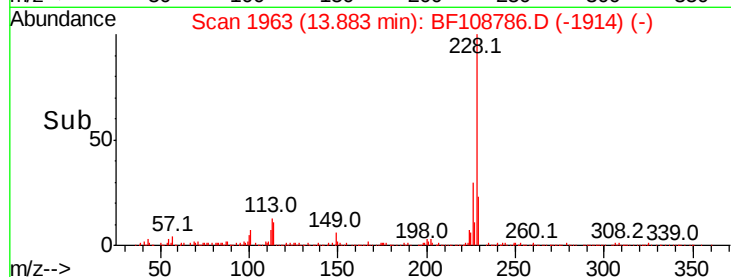
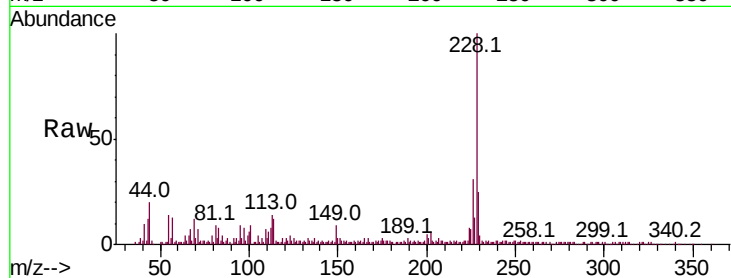
#82
Chrysene
Concen: 2.888 ng/ml
RT: 13.88 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Instrument :
BNA_F
ClientSampleId :
AOC10-01-A

Tot Ion:	228	Resp:	95707
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	24.7	16.2	24.4

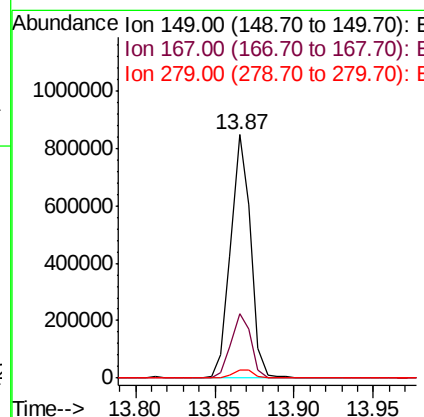
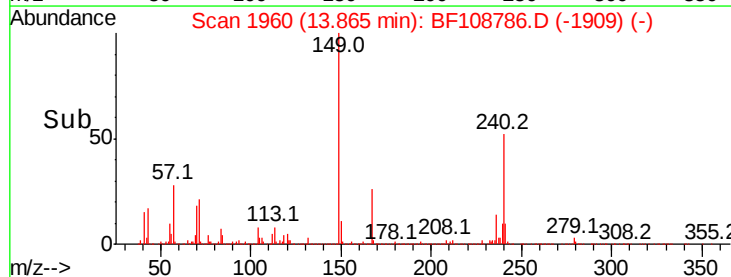
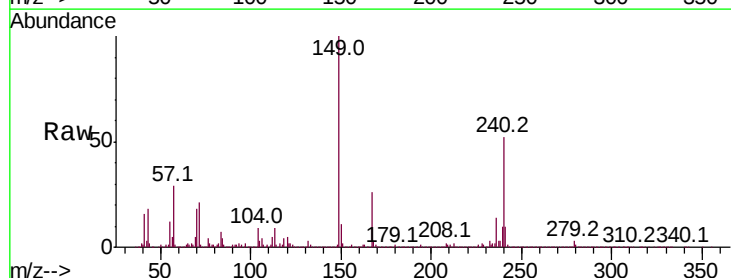
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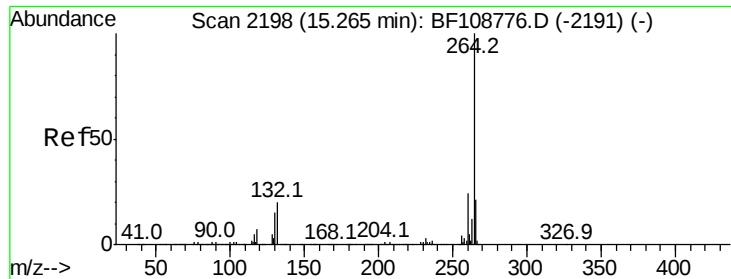
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#83
Bis(2-ethylhexyl)phthalate
Concen: 31.321 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Tgt Ion:	149	Resp:	728553
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.4	3.0	4.4





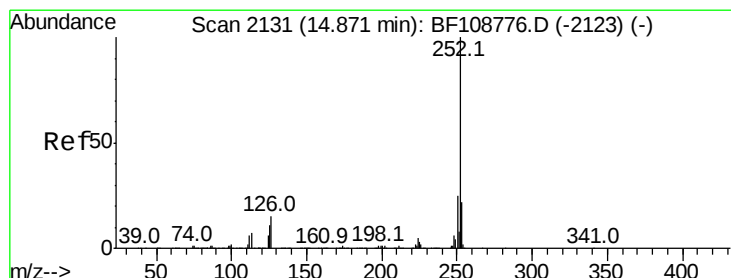
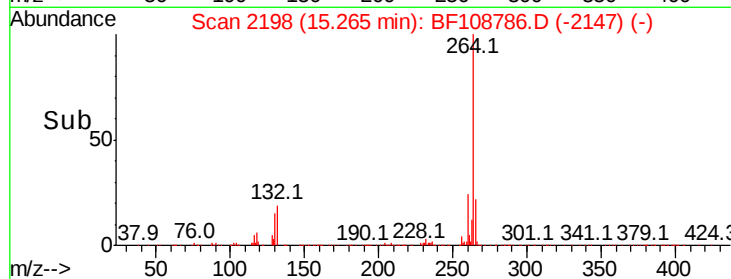
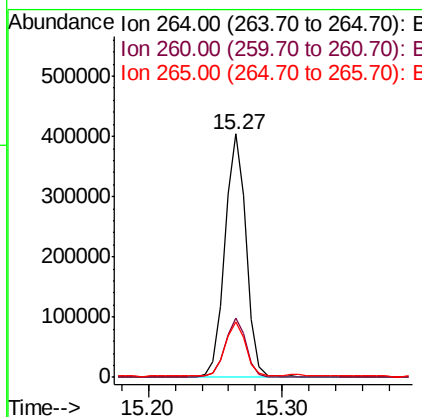
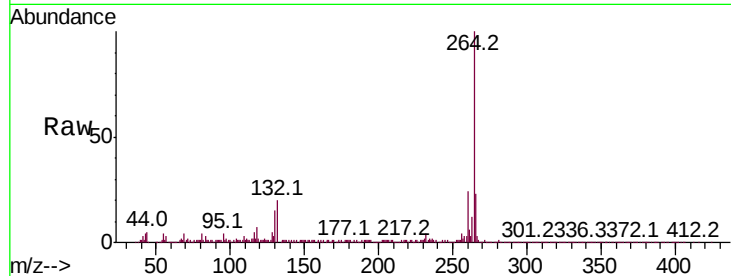
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Instrument :
BNA_F
ClientSampleId :
AOC10-01-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.9	17.5	26.3

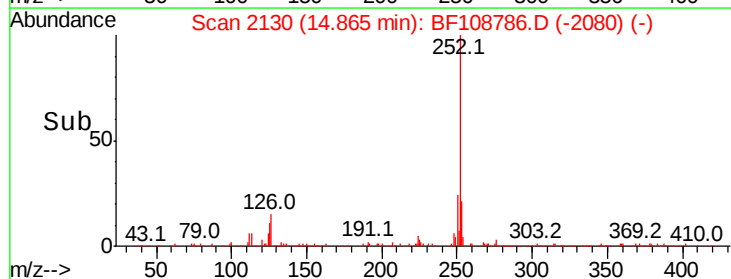
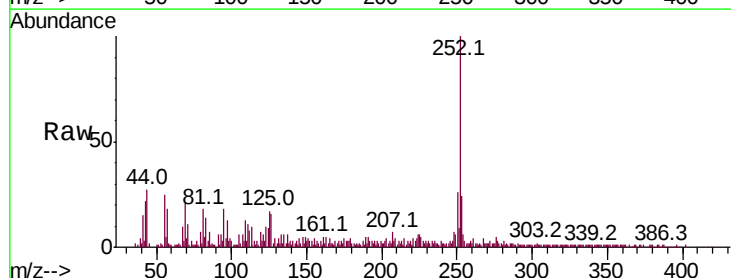
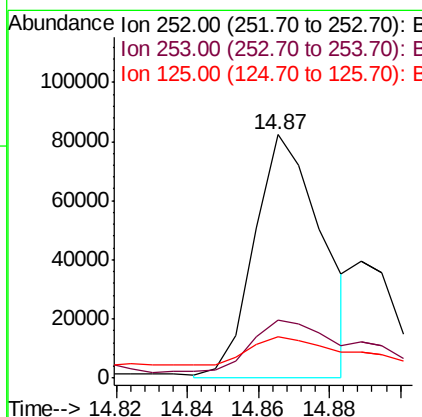
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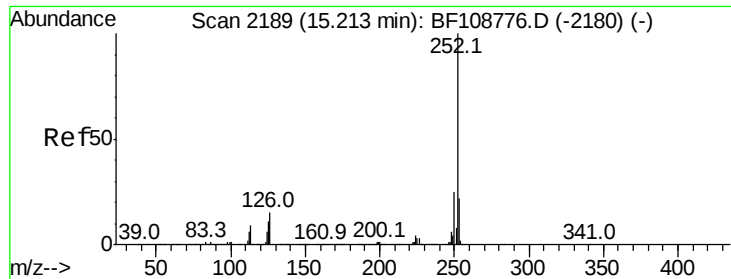
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#87
Benzo(b)fluoranthene
Concen: 4.438 ng m
RT: 14.87 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	17.1	9.0	13.6





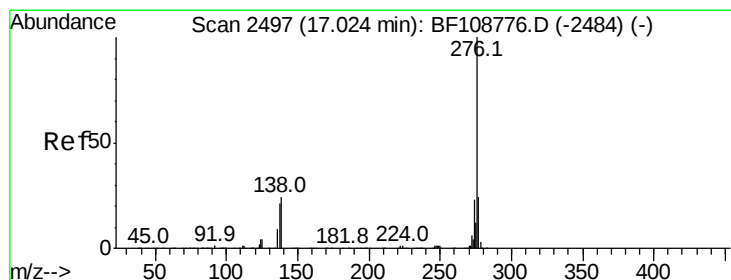
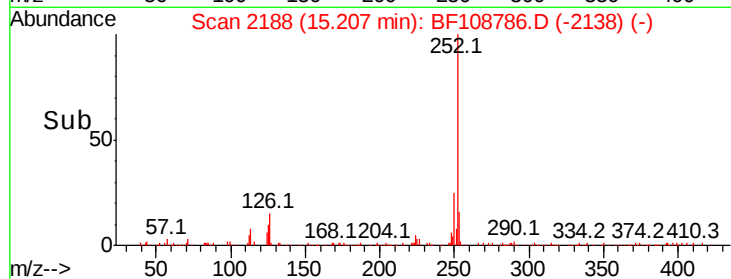
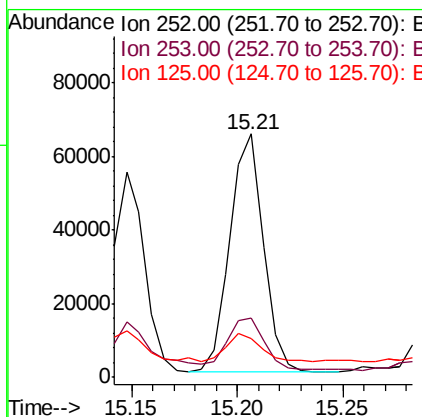
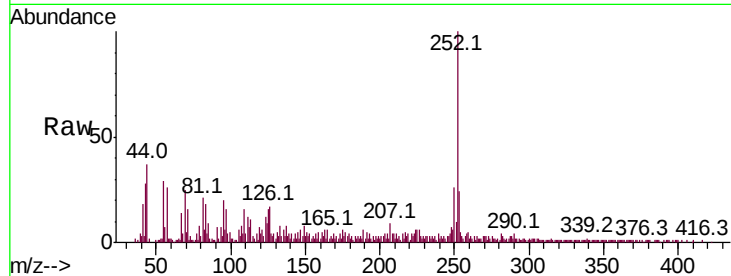
#89
Benzo(a)pyrene
Concen: 3.230 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Instrument :
BNA_F
ClientSampleId :
AOC10-01-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	16.1	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.341 ng
RT: 17.01 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BF108786.D
Acq: 5 Sep 2018 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	25.9	21.8	32.8

