

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109703.D
 Acq On : 9 Oct 2018 19:03
 Operator : JU/SJ
 Sample : J5201-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-100818-B

Manual Integrations
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 10/10/2018 11:37:11 AM

Quant Time: Oct 10 09:37:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	74541	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	308951	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	132698	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	218532	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210212	20.00	ng	0.00
86) Perylene-d12	15.23	264	206674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	174165	41.47	ng	-0.01
7) Phenol-d6	6.34	99	280685	50.03	ng	-0.02
23) Nitrobenzene-d5	7.26	82	176340	31.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	53787	37.20	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	284118	29.49	ng	0.00
78) Terphenyl-d14	12.78	244	203807	18.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	33370	3.429	ng	100
70) Phenanthrene	11.23	178	44596	4.078	ng	99
74) Fluoranthene	12.41	202	90256	7.900	ng	99
77) Pyrene	12.63	202	80206	5.208	ng	97
80) Benzo(a)anthracene	13.82	228	44237	3.813	ng	97
82) Chrysene	13.85	228	40570	3.330	ng	98
85) Indeno(1,2,3-cd)pyrene	16.57	276	19959	2.288	ng	# 93
87) Benzo(b)fluoranthene	14.83	252	48975m	4.288	ng	
89) Benzo(a)pyrene	15.17	252	38372	3.702	ng	97
91) Benzo(g,h,i)perylene	16.98	276	20070	2.361	ng	94

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

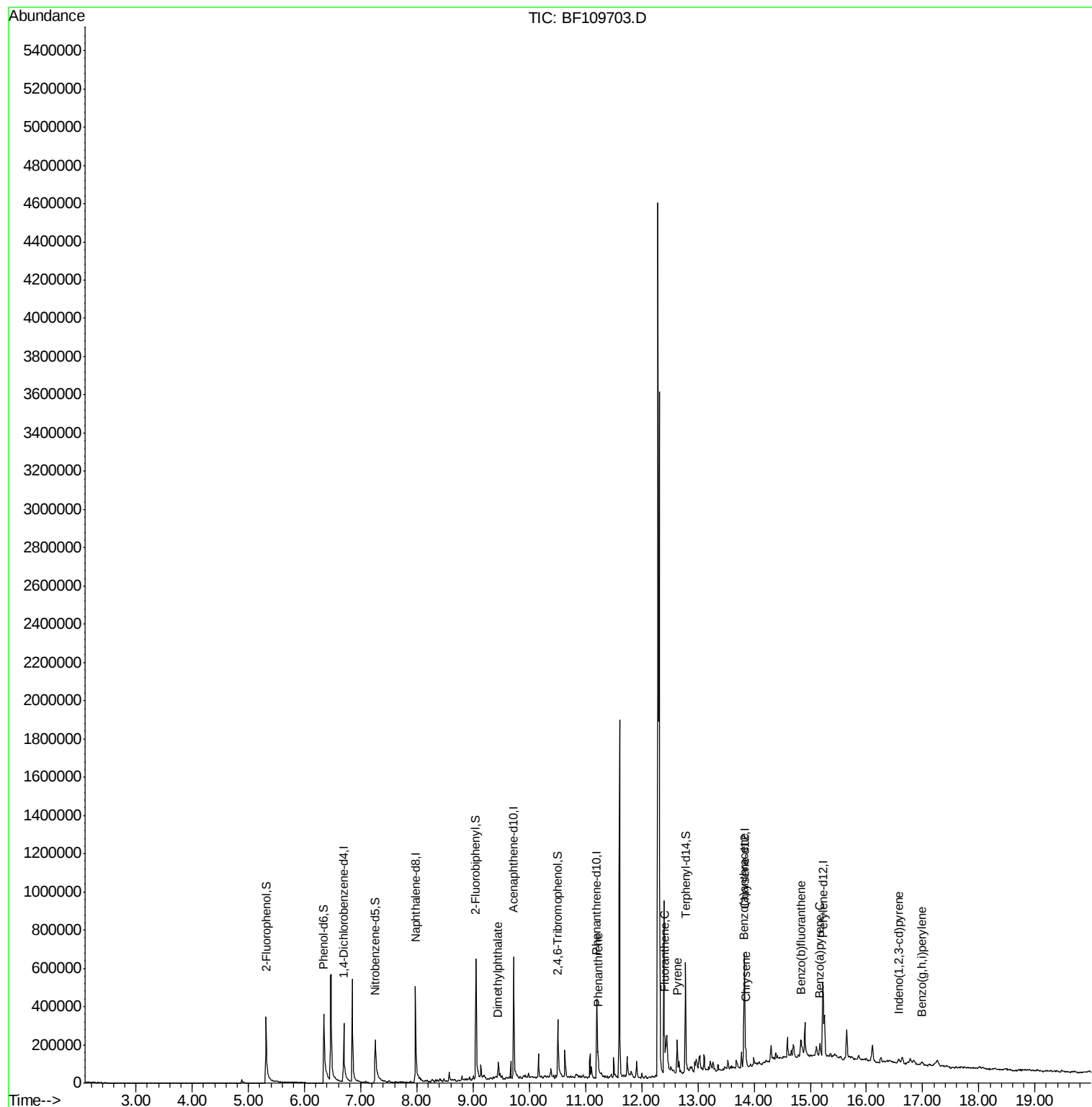
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109703.D
Acq On : 9 Oct 2018 19:03
Operator : JU/SJ
Sample : J5201-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

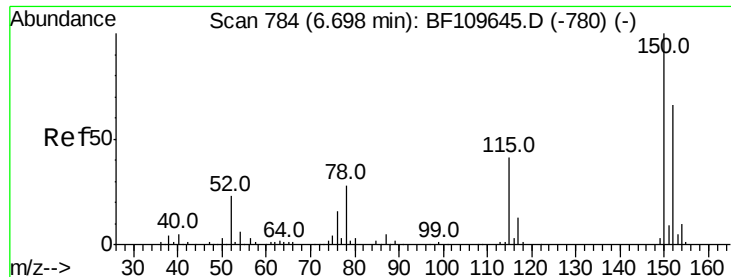
Instrument :
BNA_F
ClientSampleId :
EO-02-100818-B

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Quant Time: Oct 10 09:37:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

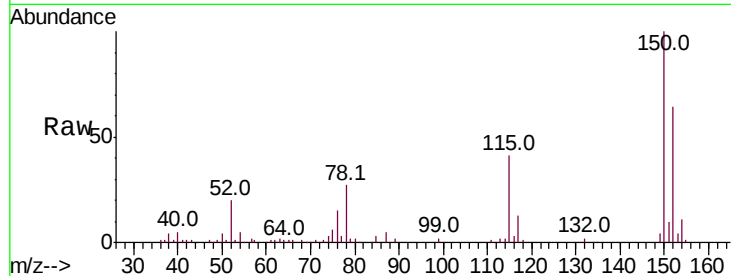
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.7	184.1
115	63.2	49.1	73.7

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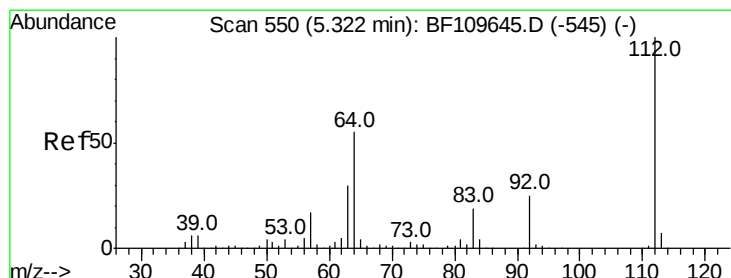
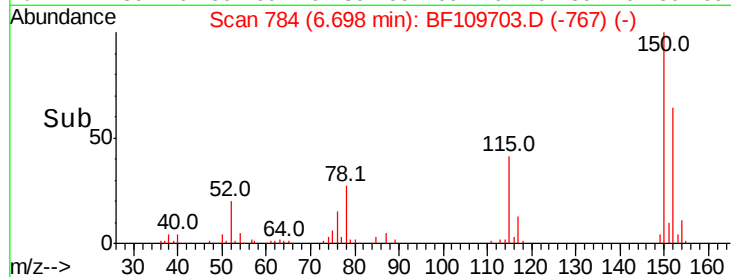
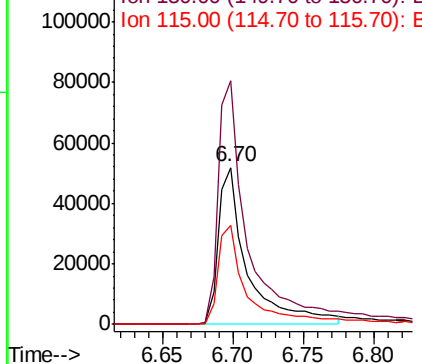


Abundance

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: 41.474 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

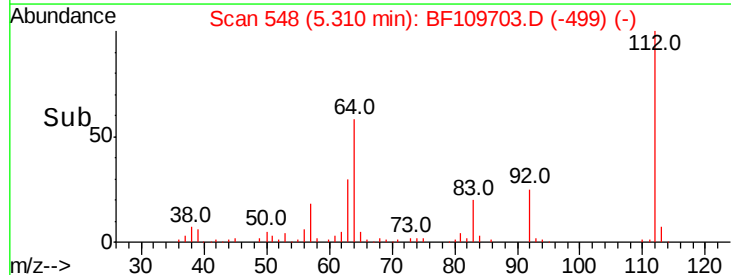
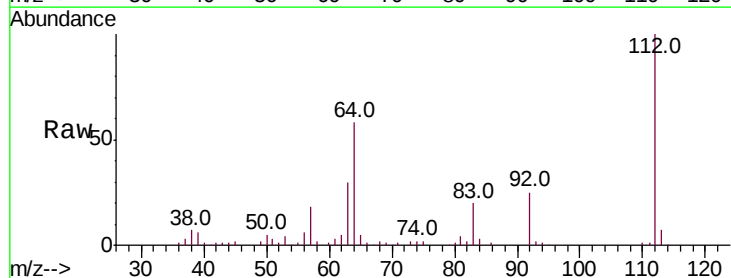
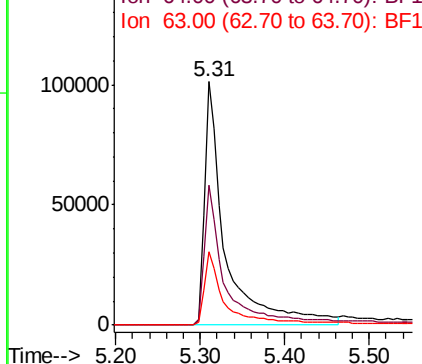
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	30.3	23.7	35.5

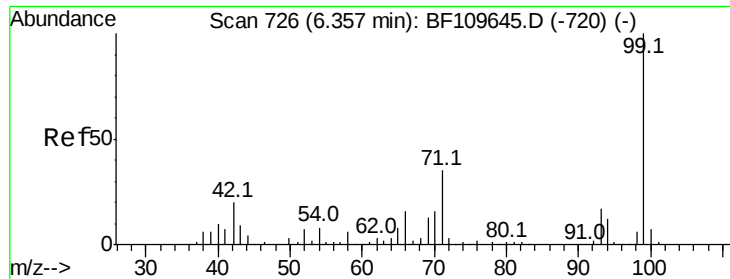
Abundance

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: 50.033 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109703.D

Acq: 9 Oct 2018 19:03

Instrument :

BNA_F

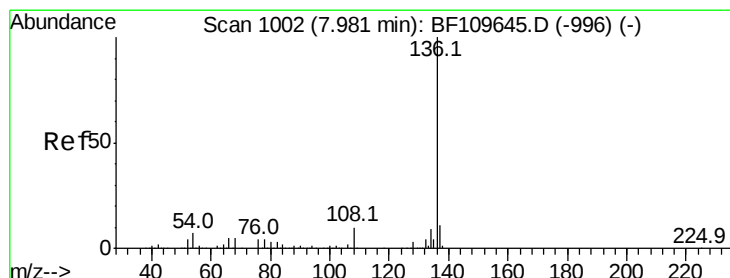
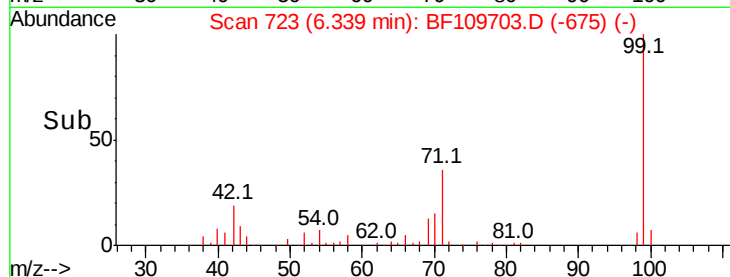
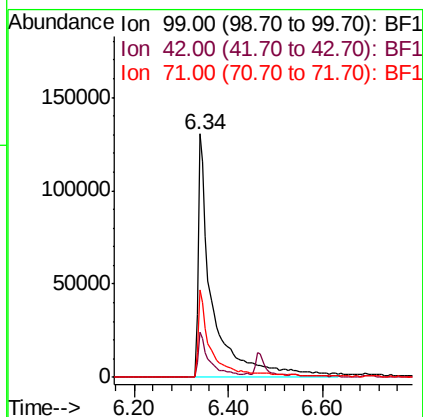
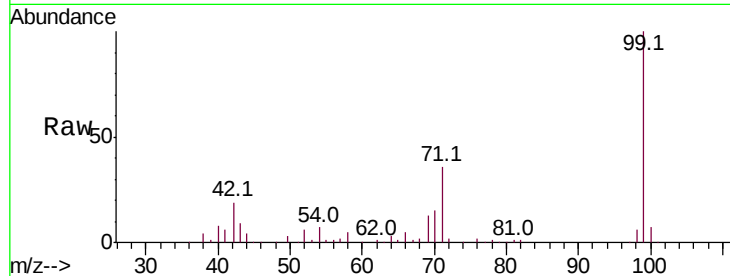
ClientSampleId :

EO-02-100818-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		280685		
42	18.8	15.8	23.6		
71	35.7	28.0	42.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

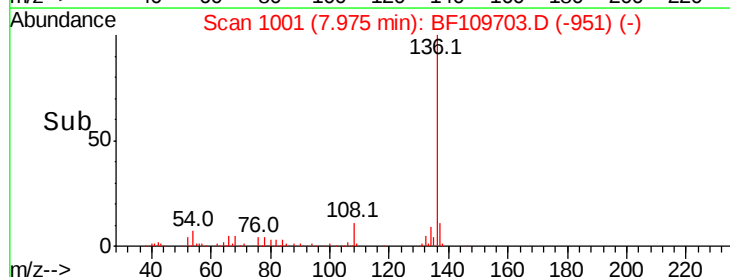
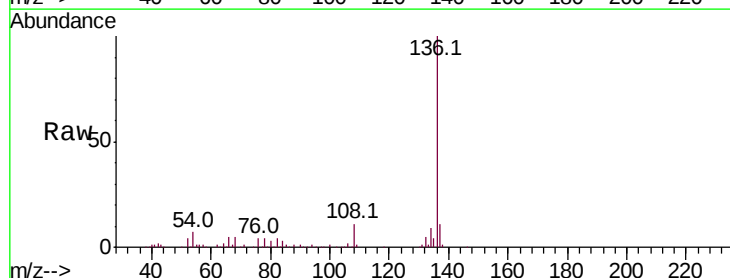
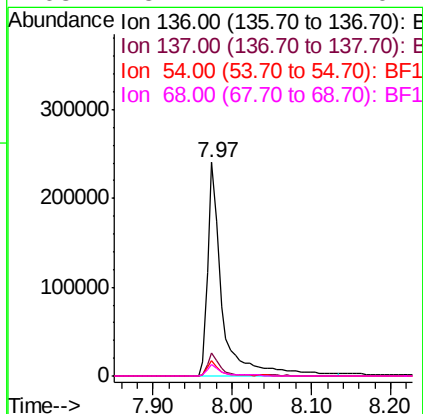
RT: 7.97 min Scan# 1001

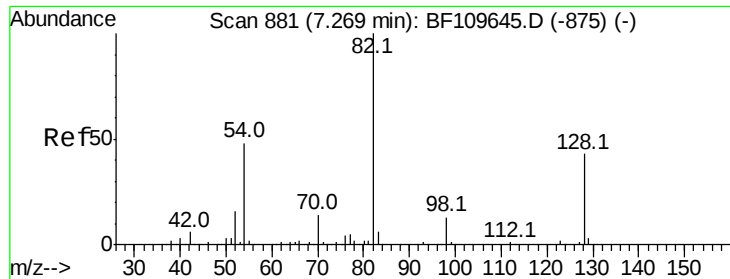
Delta R.T. -0.01 min

Lab File: BF109703.D

Acq: 9 Oct 2018 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		308951		
137	11.0	8.8	13.2		
54	6.9	5.4	8.2		
68	5.2	4.2	6.2		





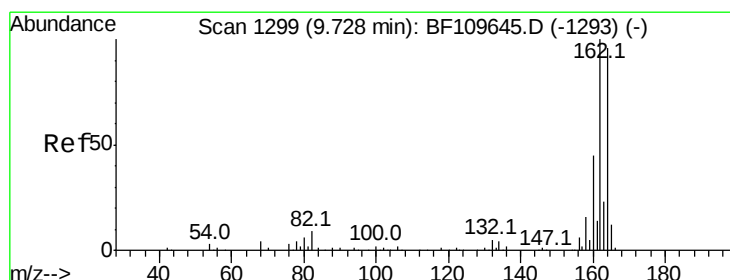
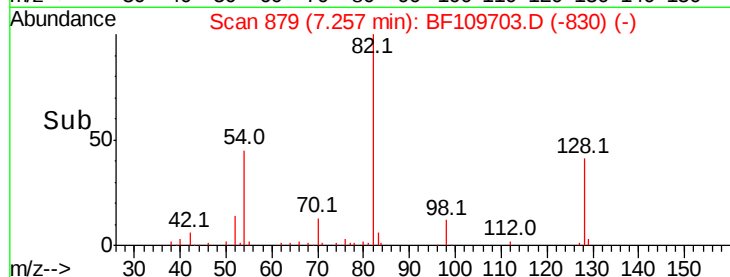
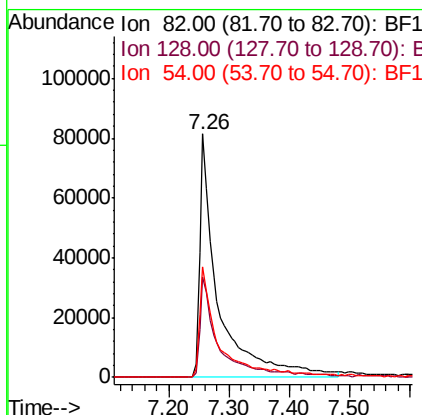
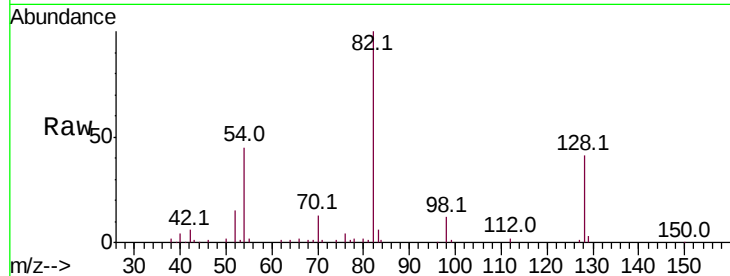
#23
Nitrobenzene-d5
Concen: 31.463 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.2	51.2
54	45.3	38.6	58.0

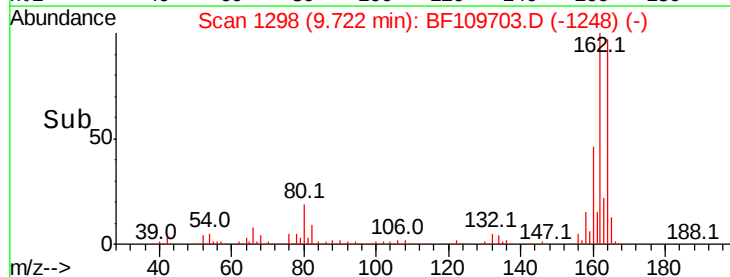
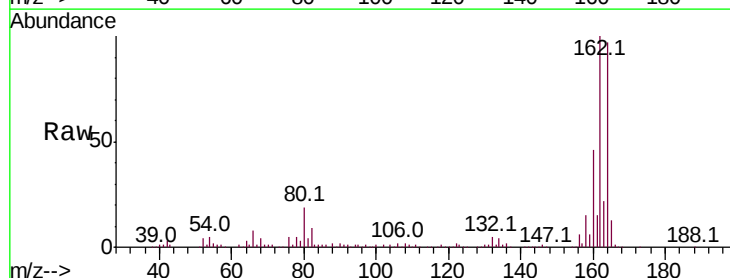
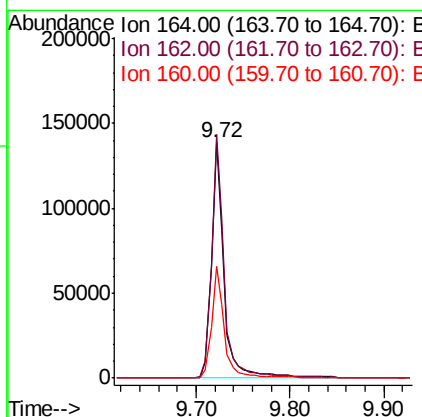
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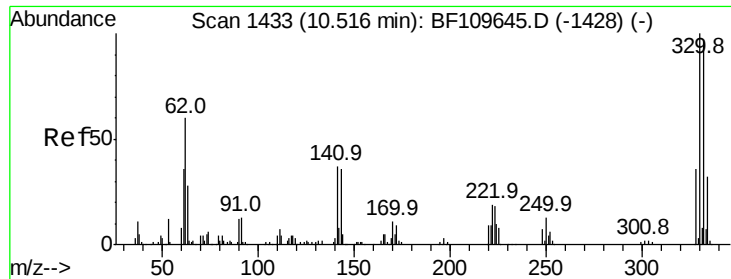
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	47.6	37.0	55.6





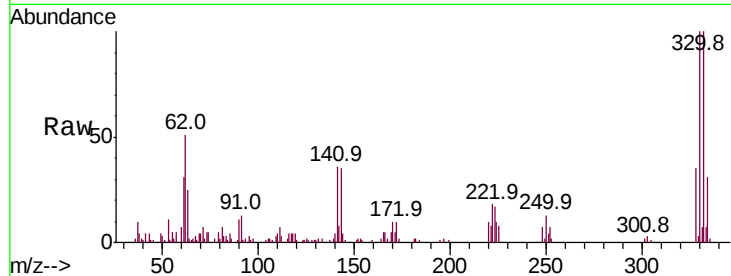
#41
 2,4,6-Tribromophenol
 Concen: 37.200 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109703.D
 Acq: 9 Oct 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-100818-B

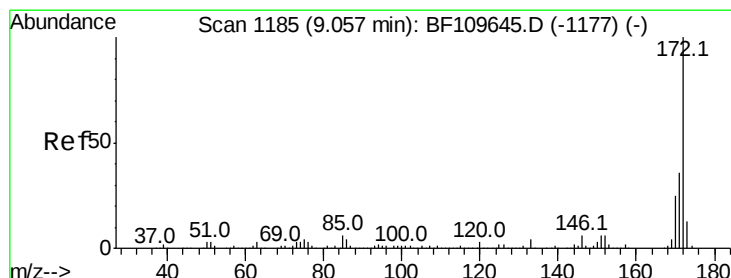
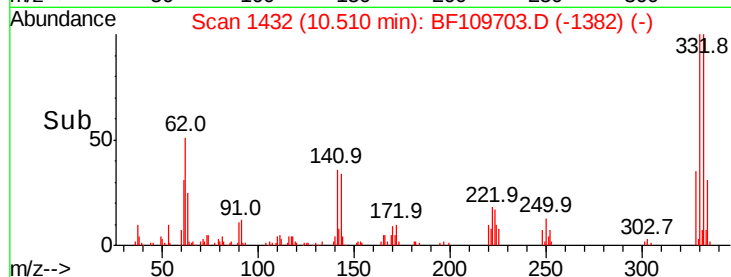
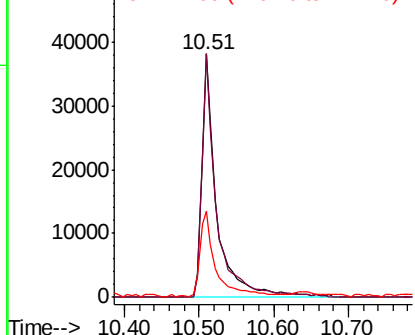
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	37.5	27.0	40.4

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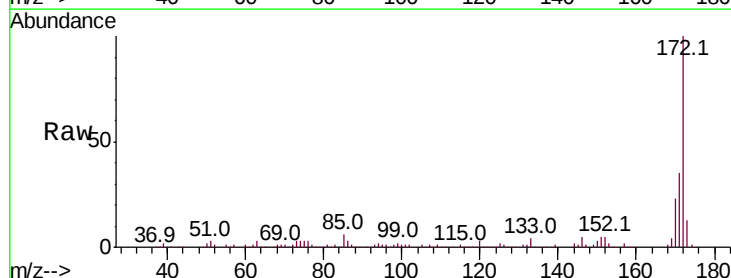


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

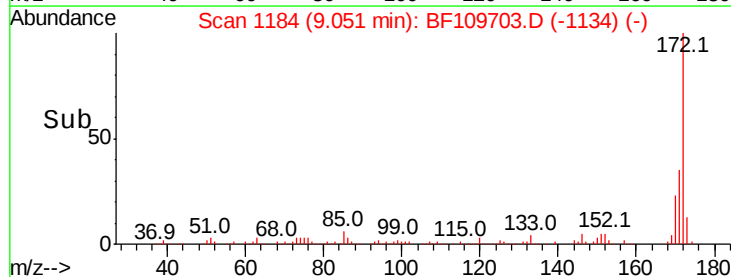
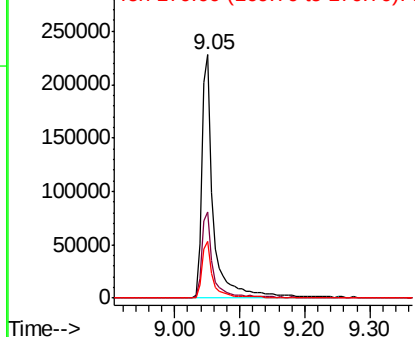


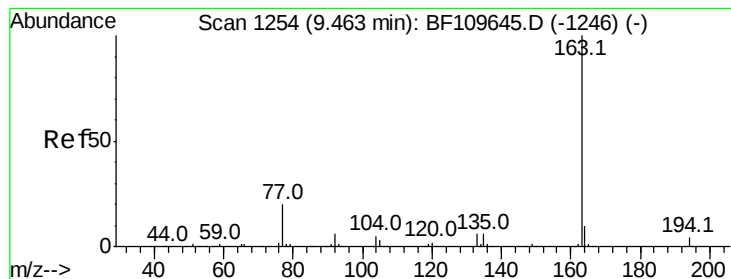
#44
 2-Fluorobiphenyl
 Concen: 29.488 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109703.D
 Acq: 9 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.3	19.7	29.5



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: 3.429 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109703.D

Acq: 9 Oct 2018 19:03

Instrument :

BNA_F

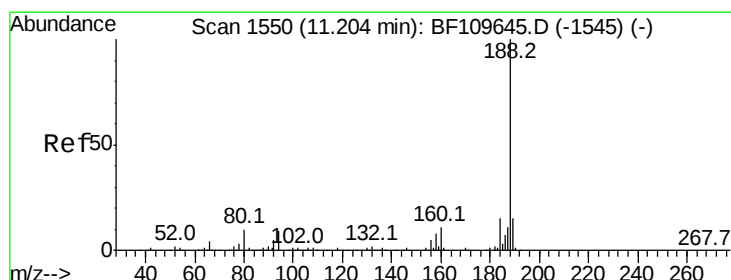
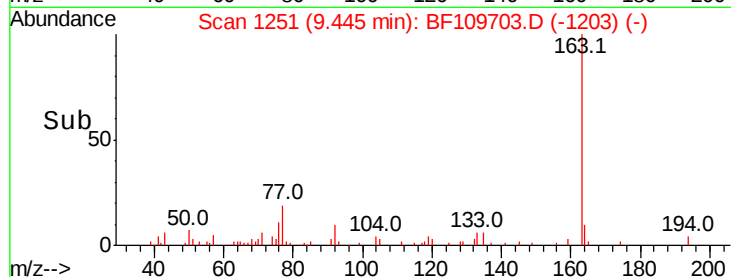
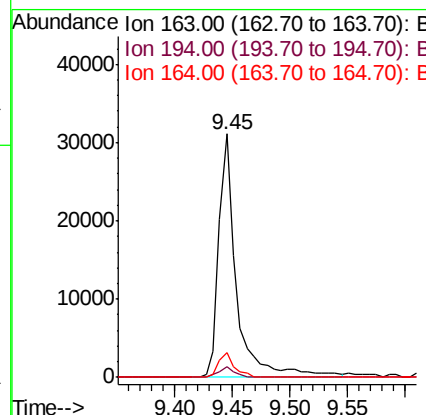
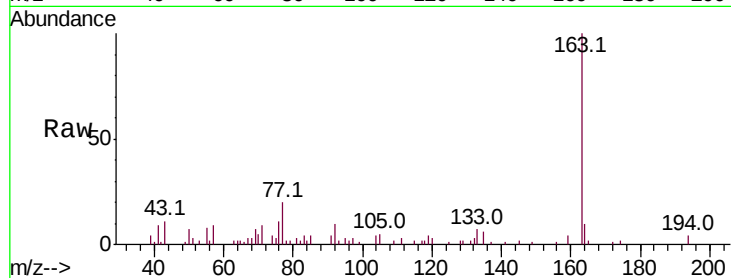
ClientSampleId :

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Tot Ion:	163	Resp:	33370
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.0	8.1	12.1

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#63

Phenanthrene-d10

Concen: 20.000 ng

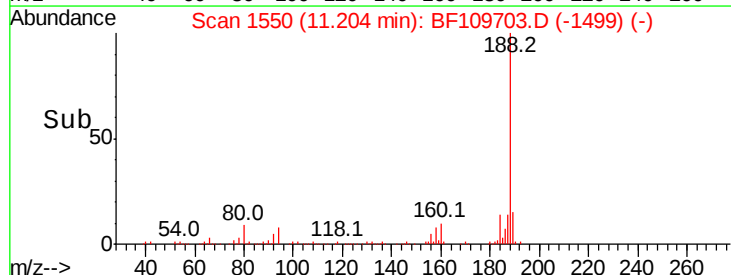
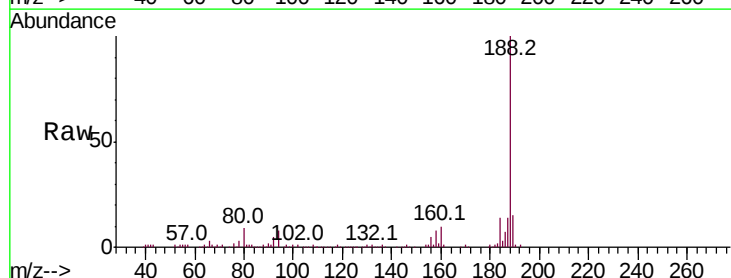
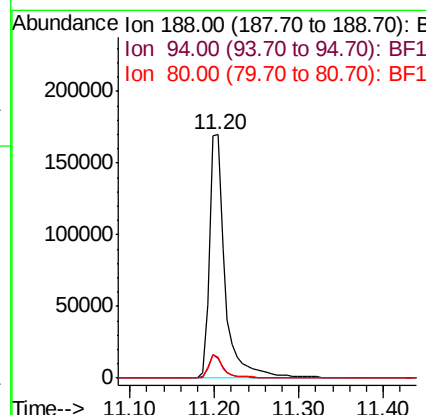
RT: 11.20 min Scan# 1550

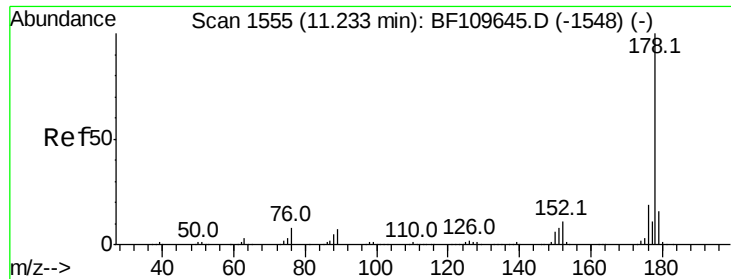
Delta R.T. -0.00 min

Lab File: BF109703.D

Acq: 9 Oct 2018 19:03

Tgt Ion:	188	Resp:	218532
Ion Ratio	Lower	Upper	
188	100		
94	8.2	7.2	10.8
80	8.6	7.9	11.9





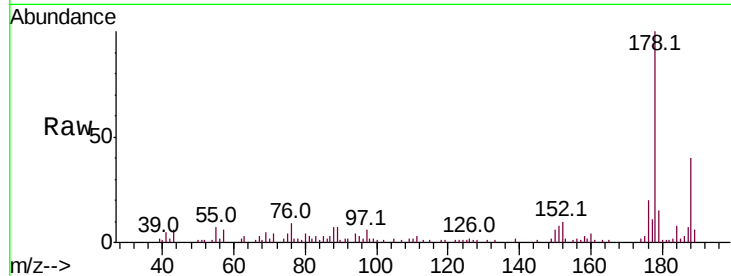
#70
Phenanthrene
Concen: 4.078 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.3	12.5	18.7

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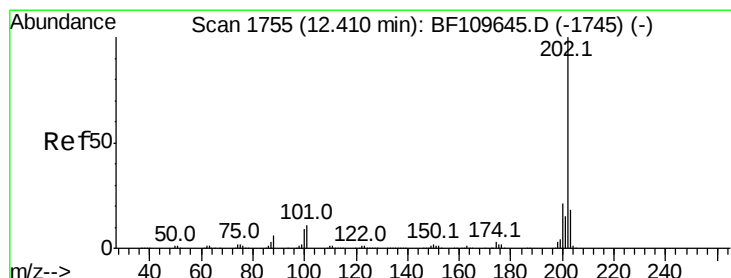
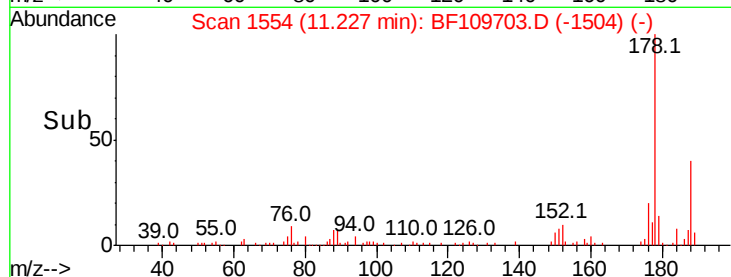
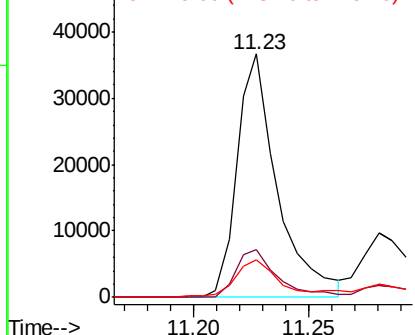


Abundance

Ion 178.00 (177.70 to 178.70): E

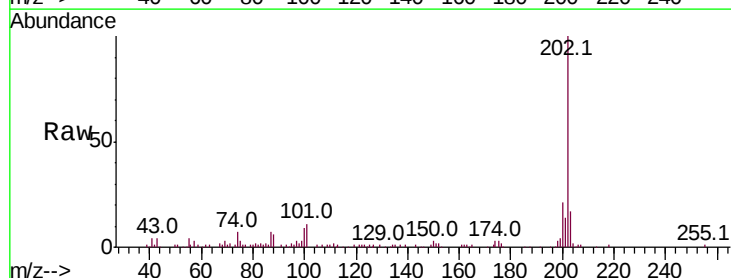
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 7.900 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.5	0.0	37.7

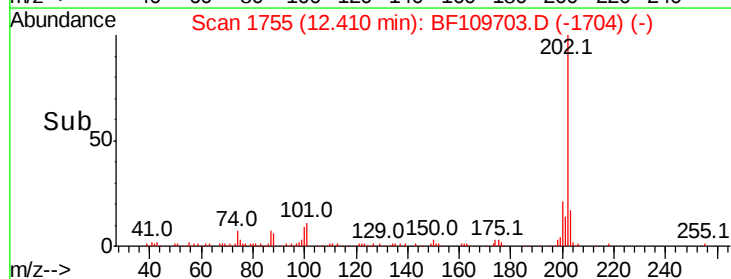
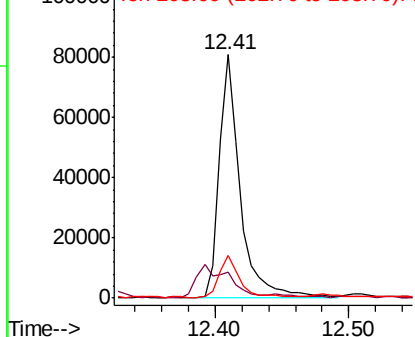


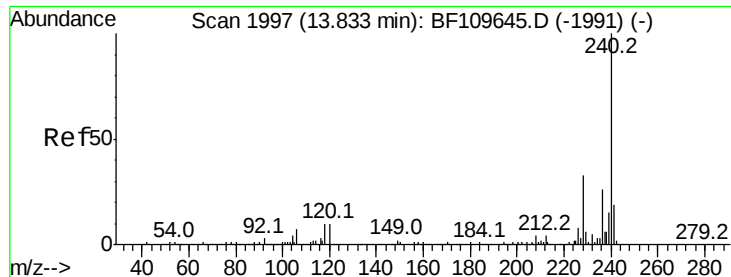
Abundance

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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109703.D

Acq: 9 Oct 2018 19:03

Instrument :

BNA_F

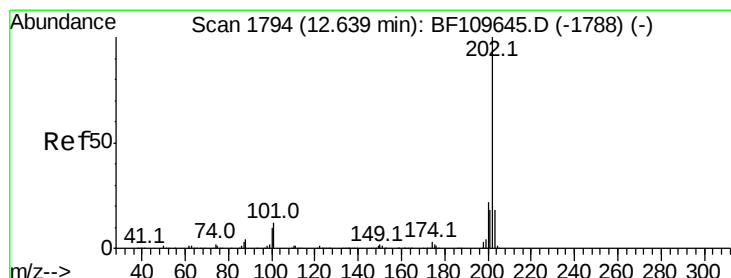
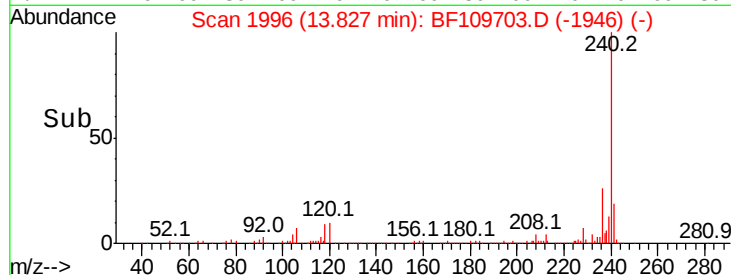
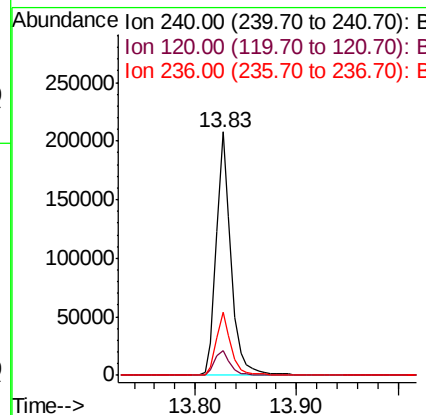
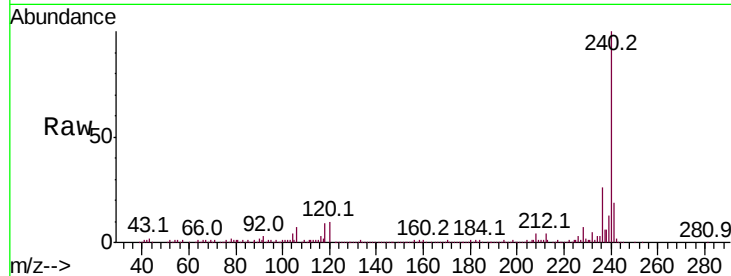
ClientSampleId :

EO-02-100818-B

Tot Ion	Ratio	Resp	Lower	Upper
240	100	210212		
120	10.1	8.3	12.5	
236	25.9	21.2	31.8	

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#77

Pyrene

Concen: 5.208 ng

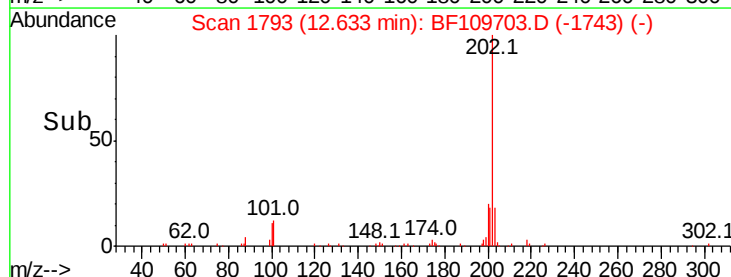
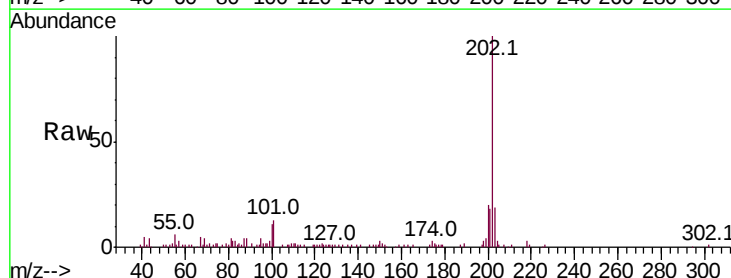
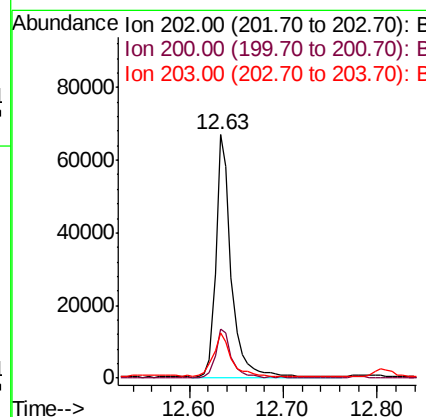
RT: 12.63 min Scan# 1793

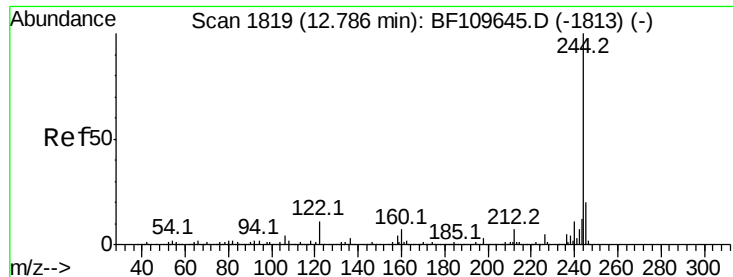
Delta R.T. -0.01 min

Lab File: BF109703.D

Acq: 9 Oct 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	80206		
200	20.2	17.8	26.6	
203	18.5	14.2	21.4	





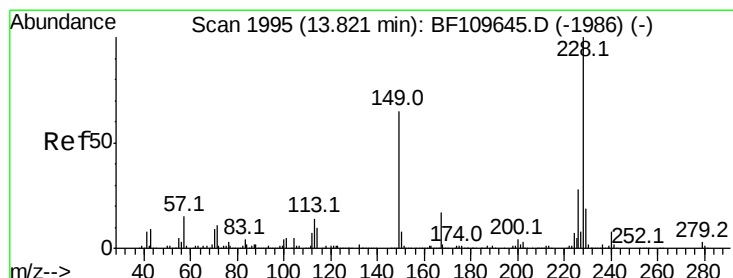
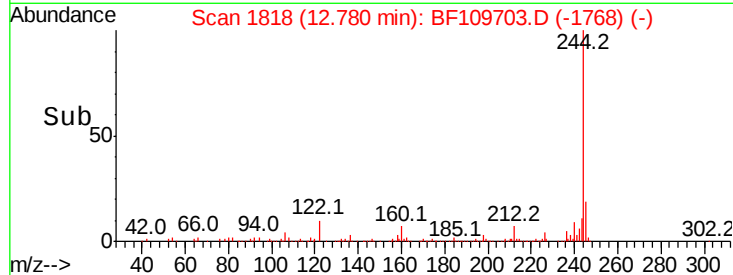
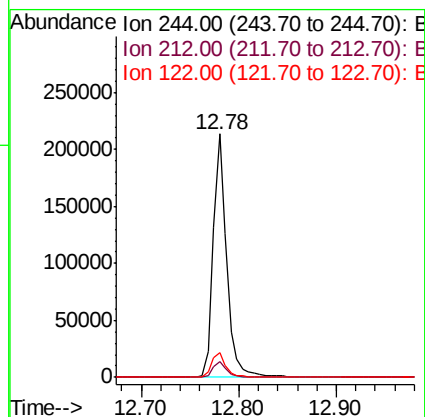
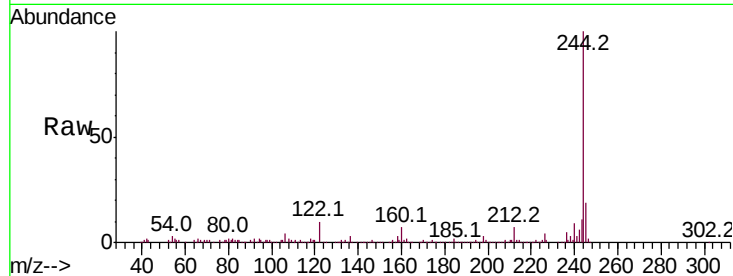
#78
 Terphenyl-d14
 Concen: 18.769 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109703.D
 Acq: 9 Oct 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-100818-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.4	8.7	13.1

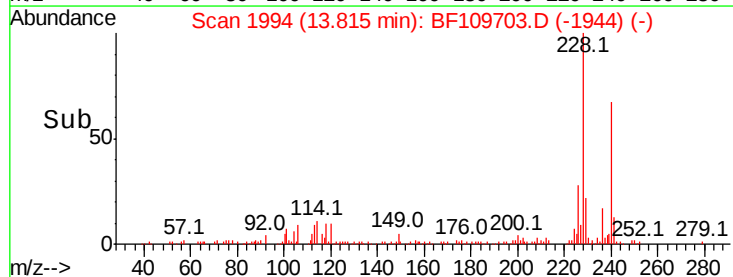
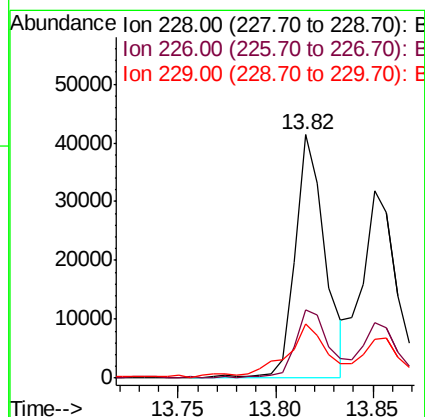
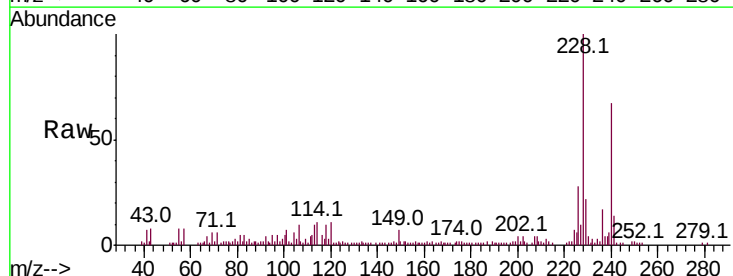
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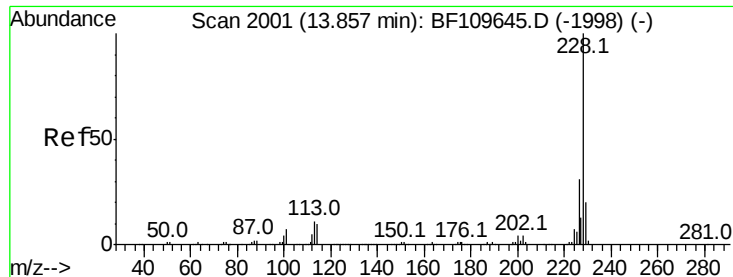
Sohil
 10/10/2018 11:37:11 AM



#80
 Benzo(a)anthracene
 Concen: 3.813 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF109703.D
 Acq: 9 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	22.2	15.6	23.4





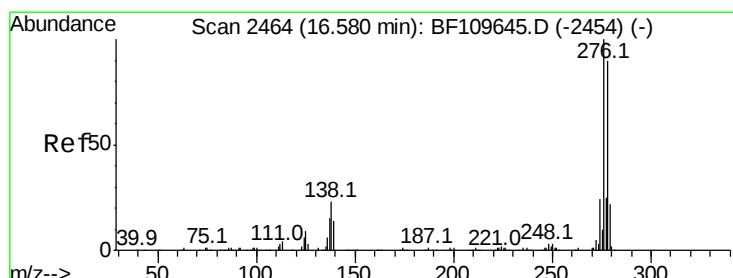
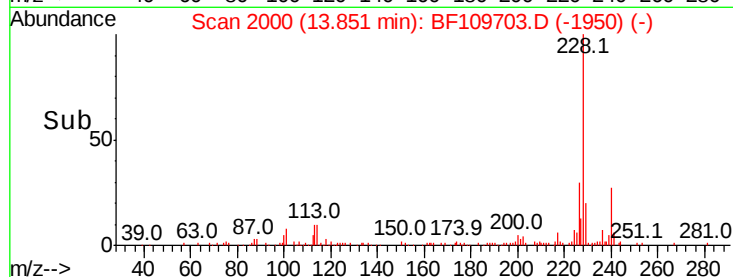
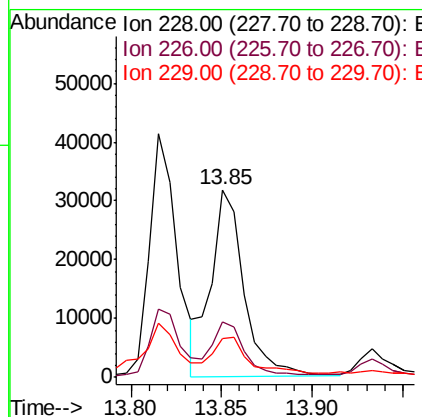
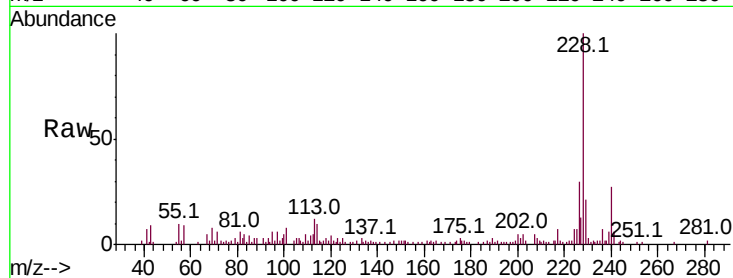
#82
Chrysene
Concen: 3.330 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-B

Tot Ion:	228	Resp:	40570
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.7	37.1
229	20.9	15.9	23.9

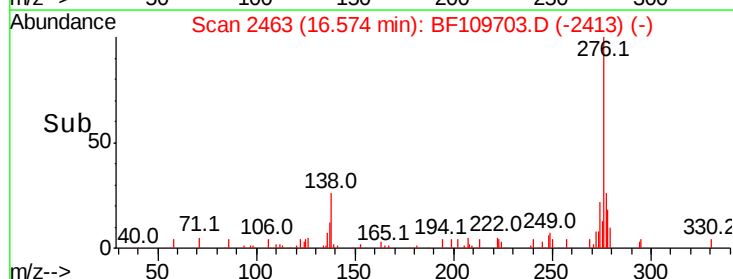
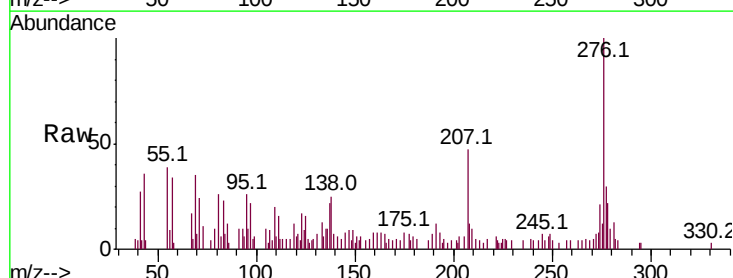
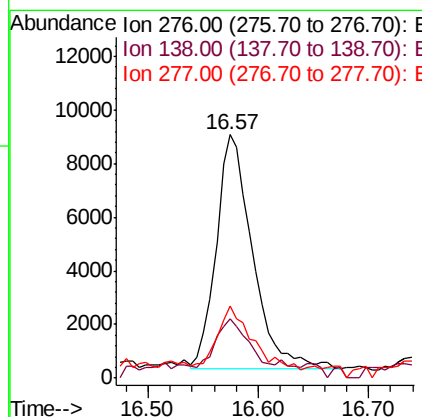
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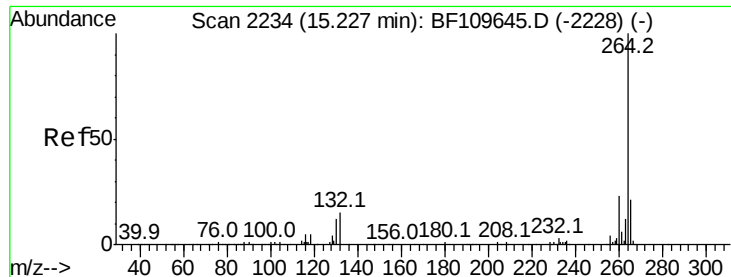
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.288 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Tgt Ion:	276	Resp:	19959
Ion Ratio	Lower	Upper	
276	100		
138	17.8	18.5	27.7#
277	23.4	20.0	30.0





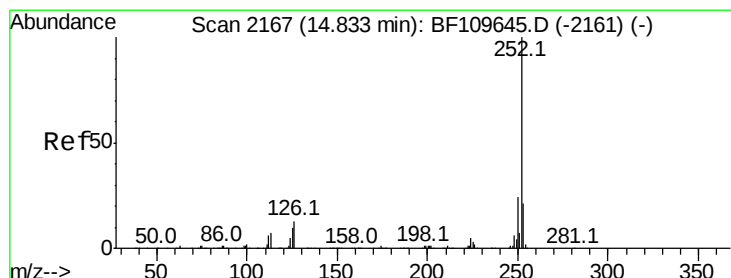
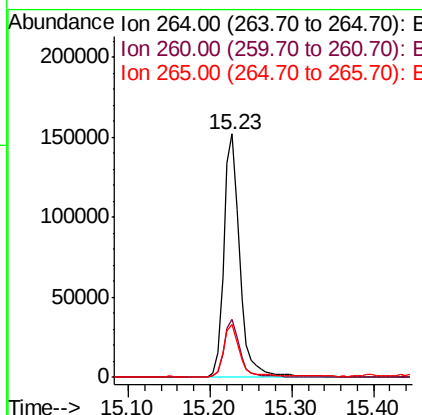
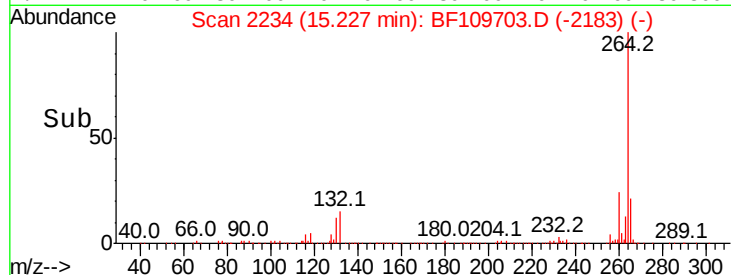
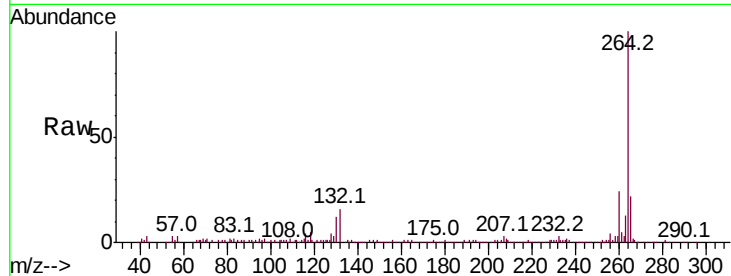
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.7	16.7	25.1

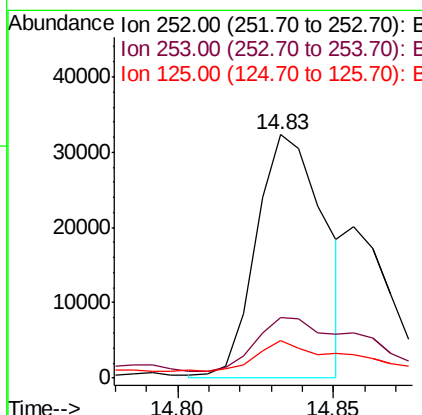
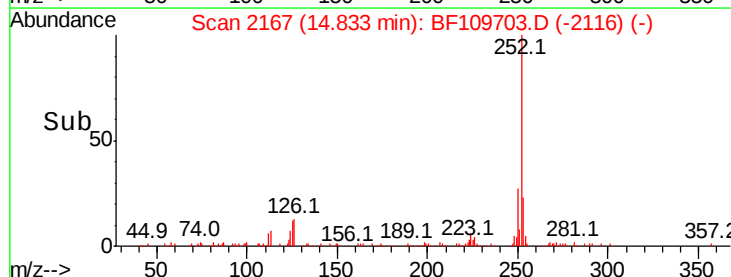
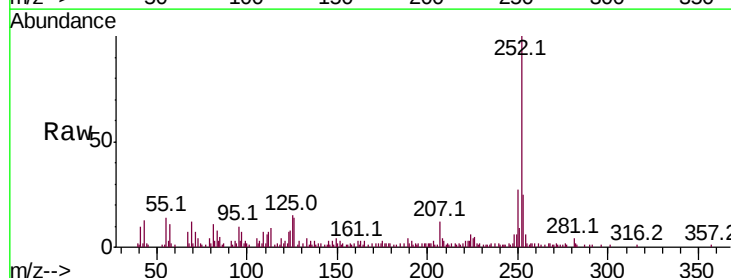
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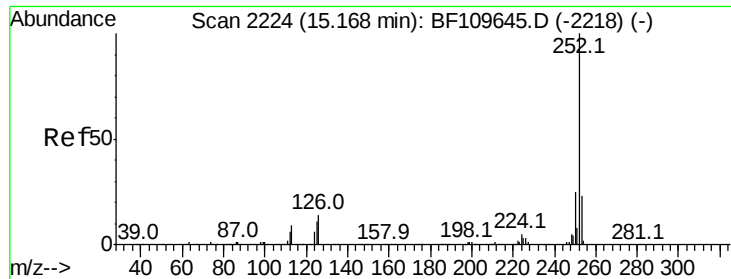
Sohil
10/10/2018 11:37:11 AM



#87
Benzo(b)fluoranthene
Concen: 4.288 ng m
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	15.5	8.2	12.4





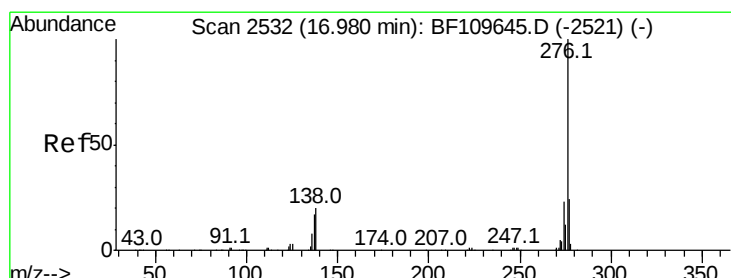
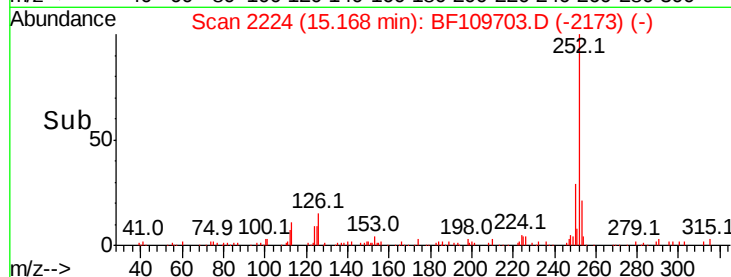
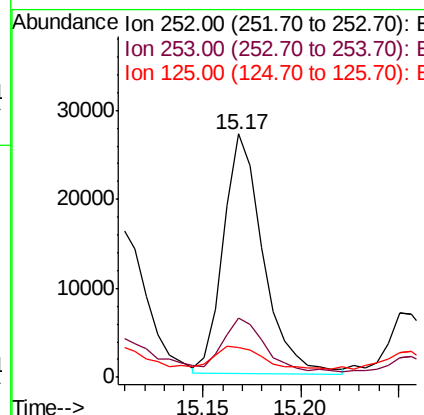
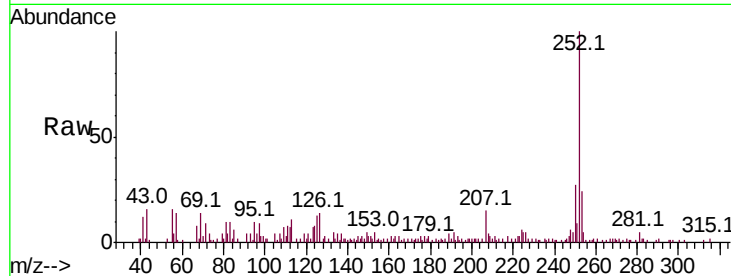
#89
Benzo(a)pyrene
Concen: 3.702 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-B

Tot Ion:	252	Resp:	38372
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.2	27.4
125	12.5	9.0	13.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.361 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BF109703.D
Acq: 9 Oct 2018 19:03

Tgt Ion:	276	Resp:	20070
Ion Ratio	Lower	Upper	
276	100		
277	26.9	18.8	28.2
138	22.7	16.0	24.0

