

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109759.D
 Acq On : 10 Oct 2018 23:05
 Operator : JU/SJ
 Sample : J5373-03 4X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT1499-3783-RT3026

Manual Integrations
 APPROVED

Sohil
 10/11/2018 2:03:01 PM

Quant Time: Oct 11 10:29:31 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	6.69	152	82025	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	362531	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	159322	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	267446	20.00	ng	0.00
75) Chrysene-d12	13.83	240	213733	20.00	ng	0.00
86) Perylene-d12	15.23	264	179511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	65407	14.15	ng	-0.01
7) Phenol-d6	6.35	99	127178	20.60	ng	-0.01
23) Nitrobenzene-d5	7.26	82	71528	10.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	29101	16.76	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	138433	11.97	ng	-0.01
78) Terphenyl-d14	12.77	244	102307	9.27	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	25030	2.142	ng	99
70) Phenanthrene	11.22	178	70721	5.284	ng	97
74) Fluoranthene	12.41	202	106019	7.582	ng	99
77) Pyrene	12.63	202	98994	6.322	ng	98
80) Benzo(a)anthracene	13.82	228	53708	4.554	ng	# 94
82) Chrysene	13.85	228	43013	3.472	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.58	276	18814	2.122	ng	94
87) Benzo(b)fluoranthene	14.84	252	41285m	4.162	ng	
89) Benzo(a)pyrene	15.17	252	35676	3.963	ng	# 90
91) Benzo(g,h,i)perylene	16.99	276	28005	3.793	ng	95

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

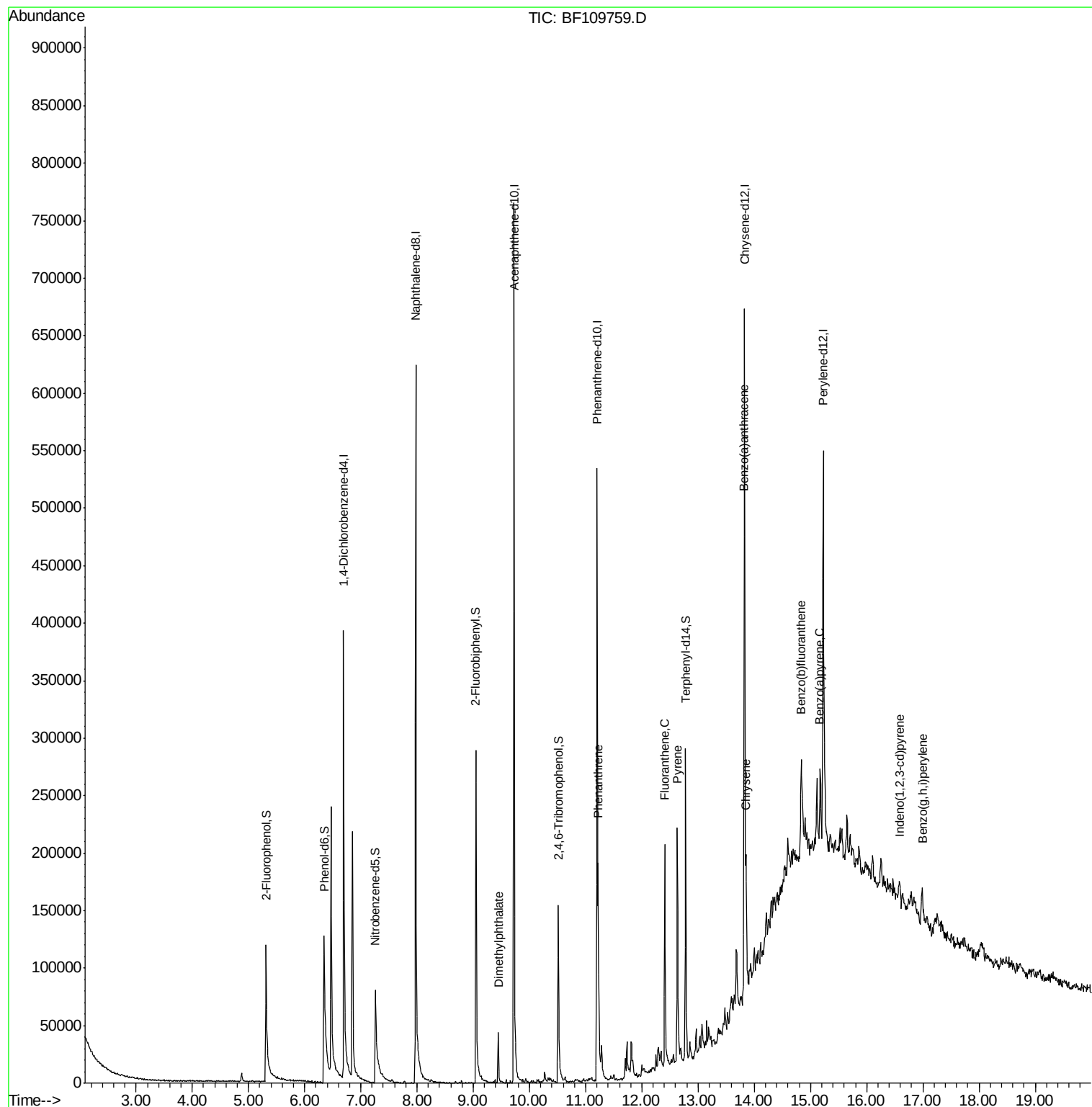
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109759.D
Acq On : 10 Oct 2018 23:05
Operator : JU/SJ
Sample : J5373-03 4X
Misc :
ALS Vial : 23 Sample Multiplier: 1

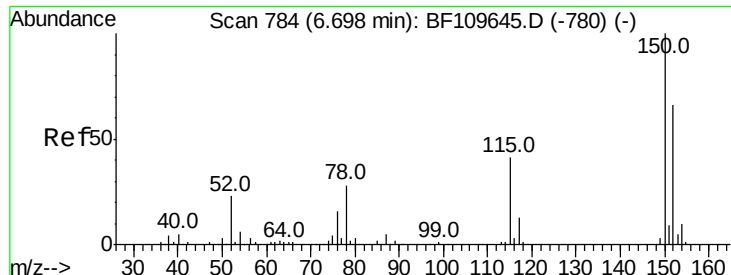
Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

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#1

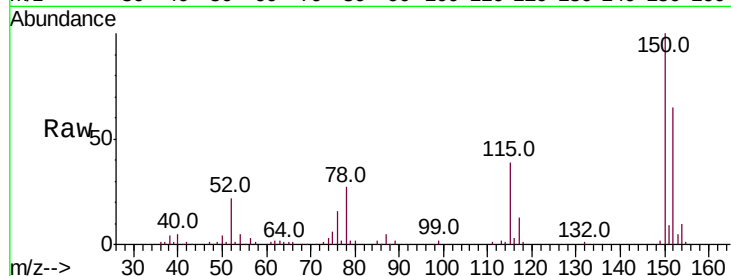
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.7	184.1
115	60.1	49.1	73.7

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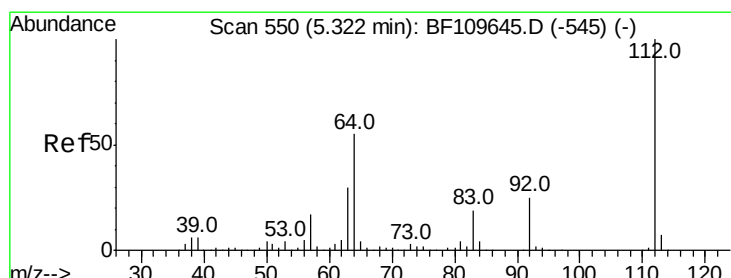
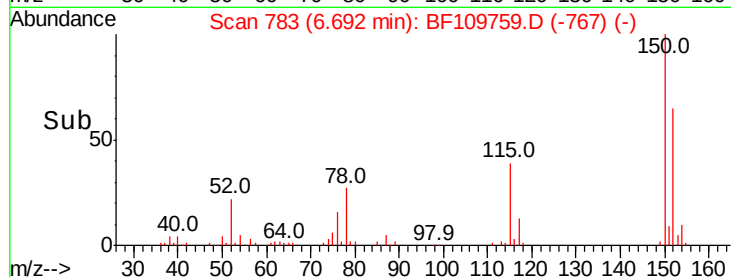
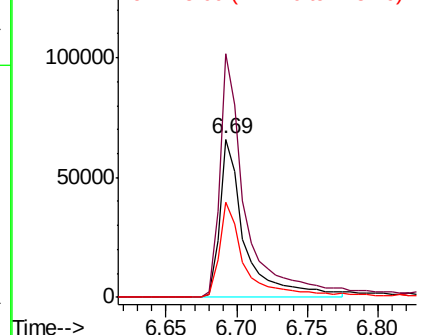


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

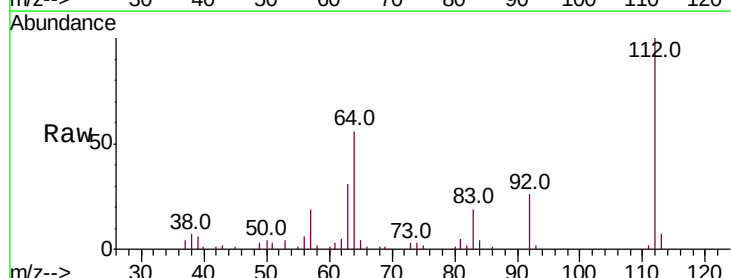
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 14.154 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.1	66.1
63	31.4	23.7	35.5

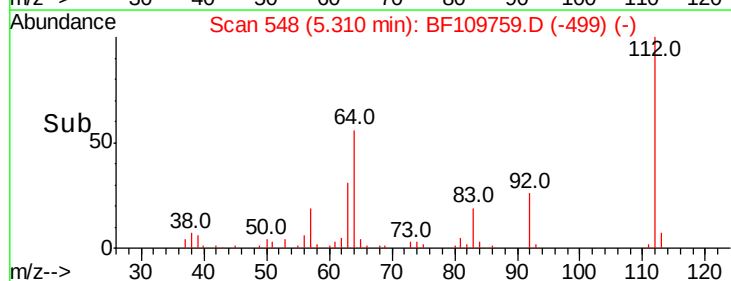
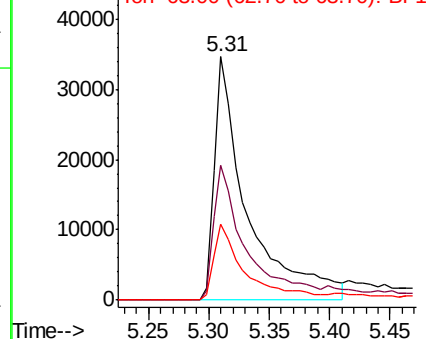


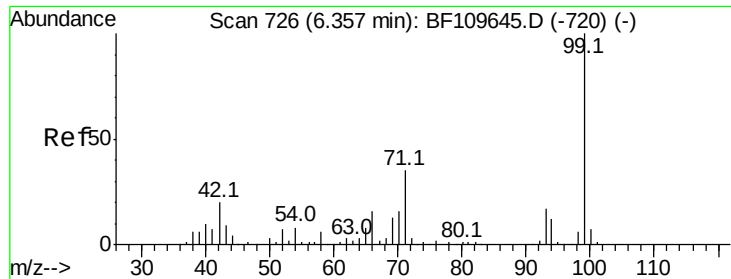
Abundance

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: 20.602 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109759.D

Acq: 10 Oct 2018 23:05

Instrument :

BNA_F

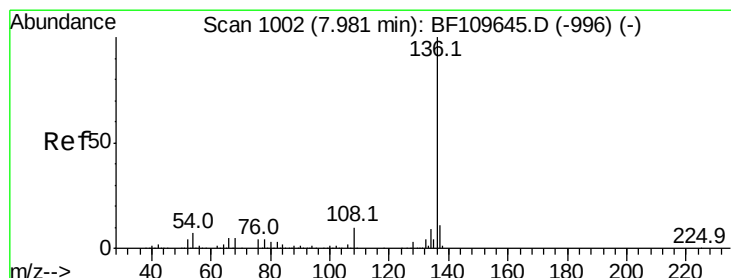
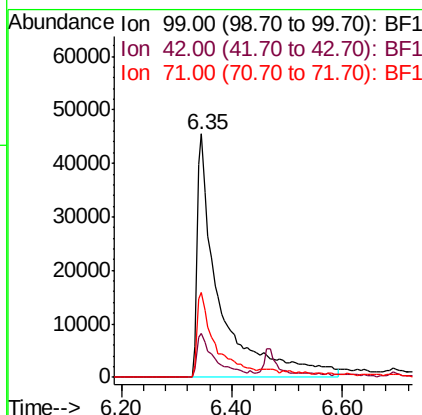
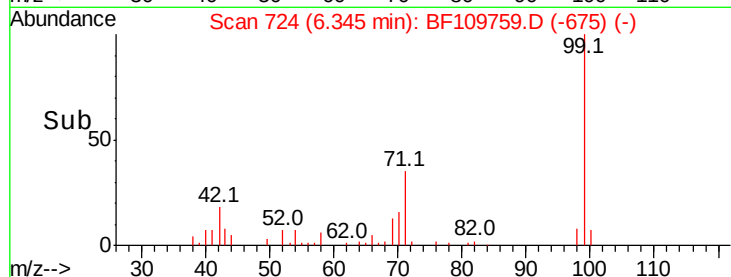
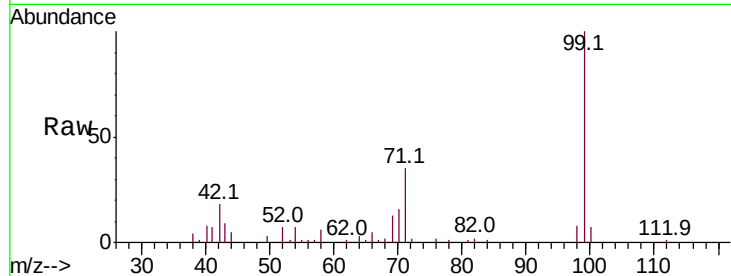
ClientSampleId :

RT1499-3783-RT3026

Tot Ion:	99	Resp:	127178
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.8	23.6
71	35.0	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

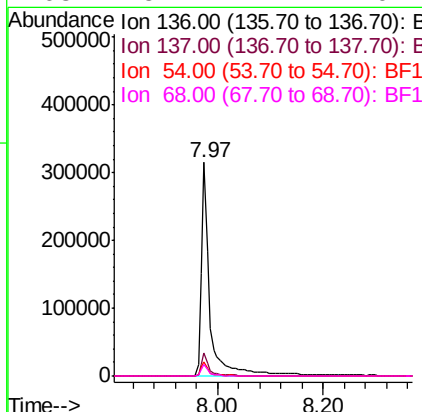
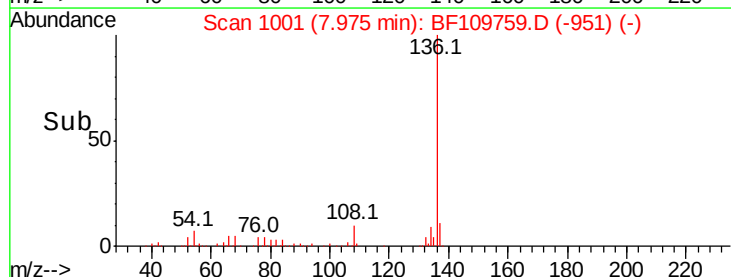
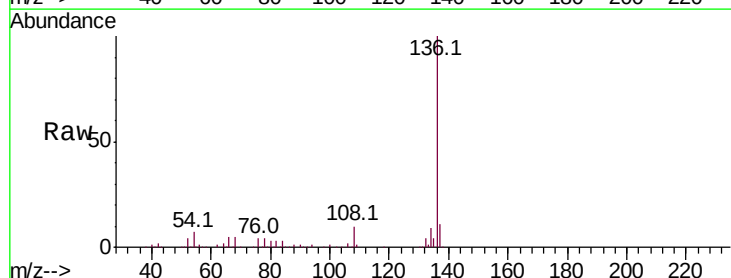
RT: 7.97 min Scan# 1001

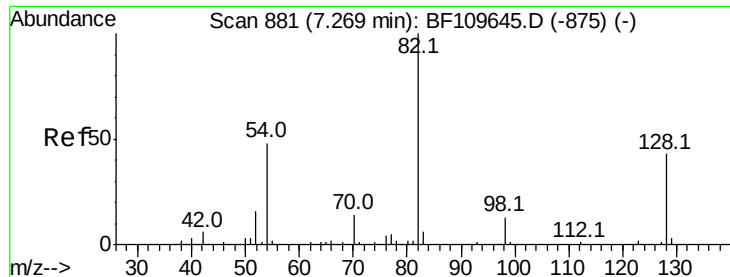
Delta R.T. -0.01 min

Lab File: BF109759.D

Acq: 10 Oct 2018 23:05

Tgt Ion:	136	Resp:	362531
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.8	13.2
54	6.8	5.4	8.2
68	5.1	4.2	6.2





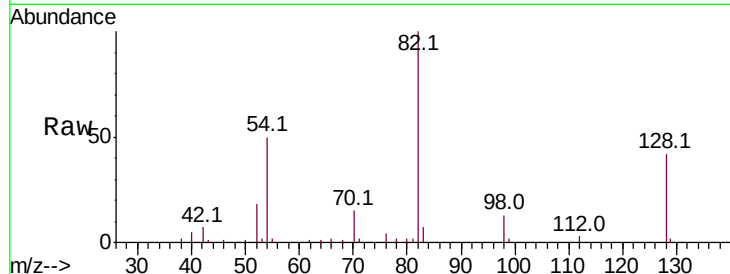
#23
Nitrobenzene-d5
Concen: 10.876 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

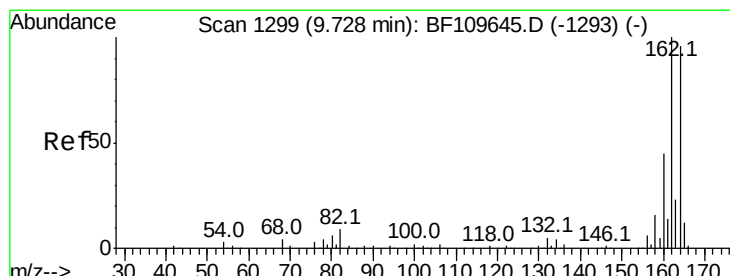
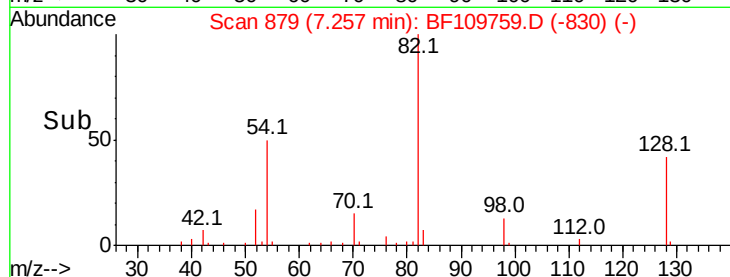
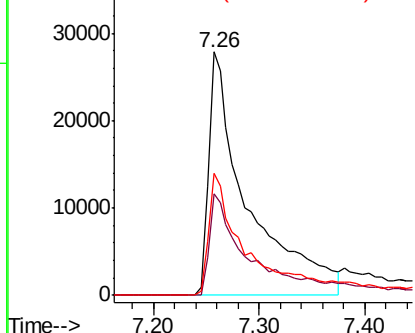
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.2	51.2
54	49.9	38.6	58.0

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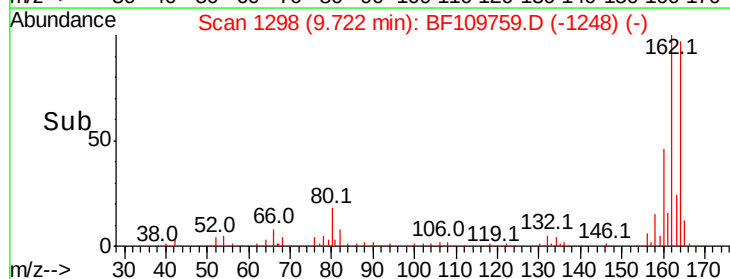
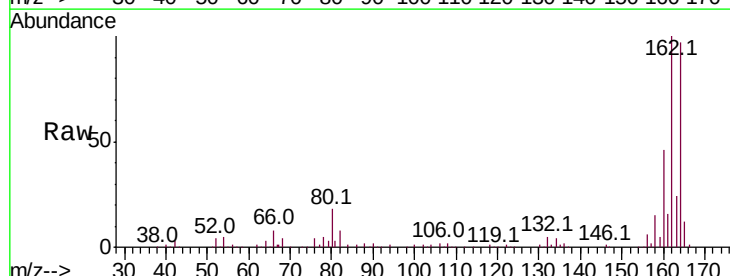
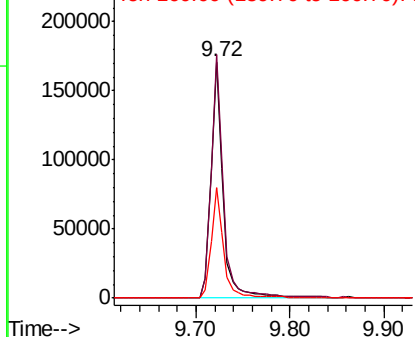
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

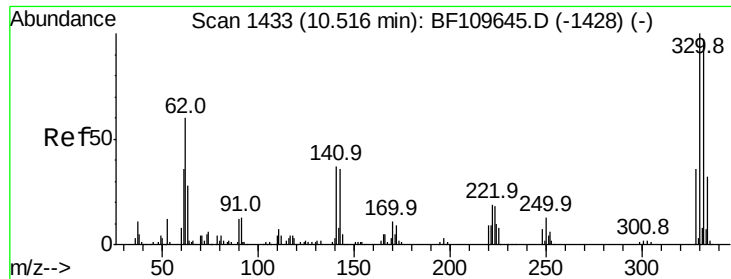


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	46.8	37.0	55.6

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 16.763 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109759.D

Acq: 10 Oct 2018 23:05

Instrument :

BNA_F

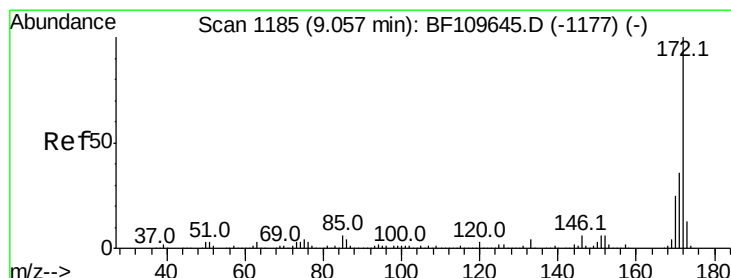
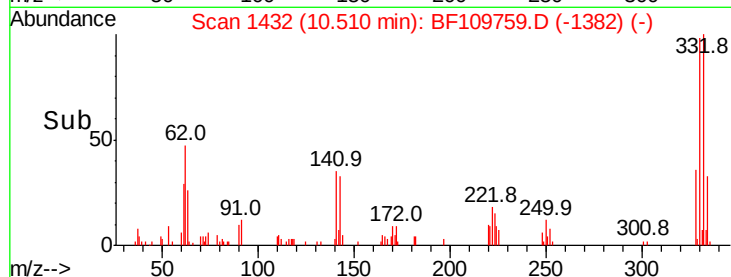
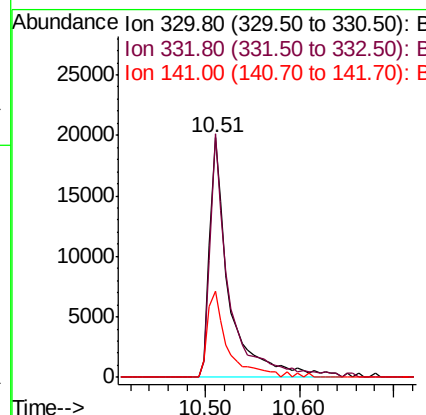
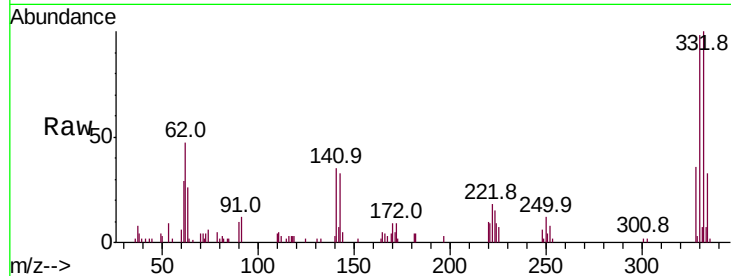
ClientSampleId :

RT1499-3783-RT3026

Tot Ion:	330	Resp:	29101
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.1	115.7
141	36.0	27.0	40.4

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#44

2-Fluorobiphenyl

Concen: 11.967 ng

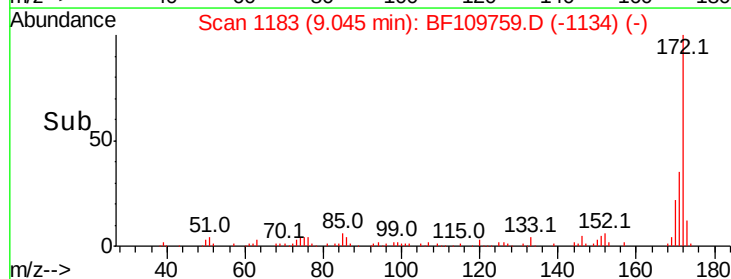
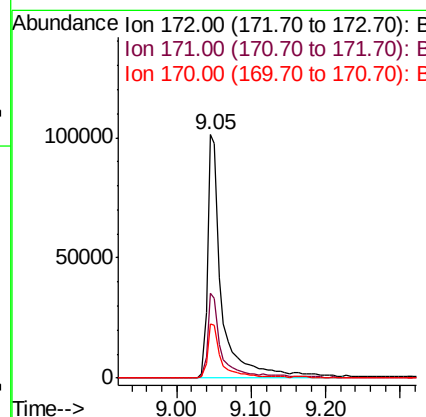
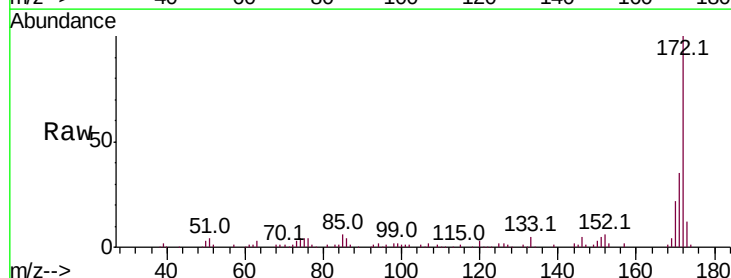
RT: 9.05 min Scan# 1183

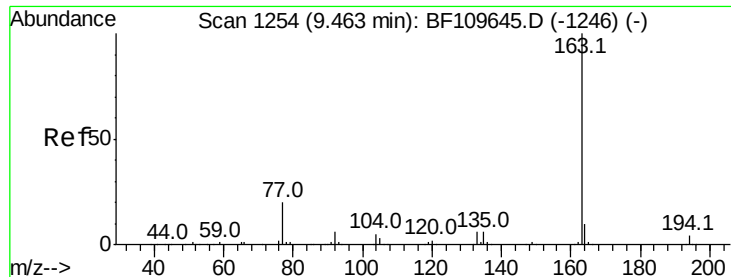
Delta R.T. -0.01 min

Lab File: BF109759.D

Acq: 10 Oct 2018 23:05

Tgt Ion:	172	Resp:	138433
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	43.0
170	22.1	19.7	29.5





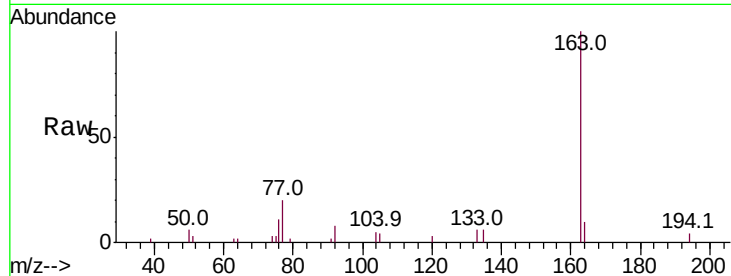
#49
Dimethylphthalate
Concen: 2.142 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tot Ion	Ratio	Resp	Lower	Upper
163	100	25030		
194	4.2		3.2	4.8
164	9.9		8.1	12.1

Manual Integrations
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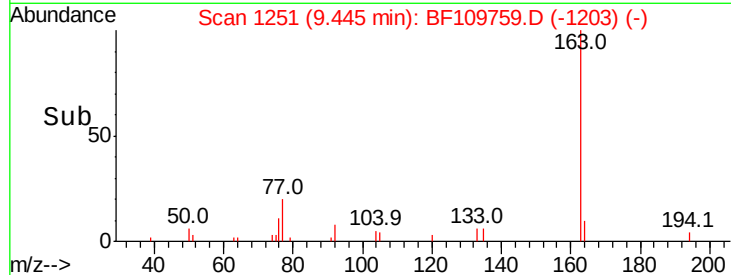
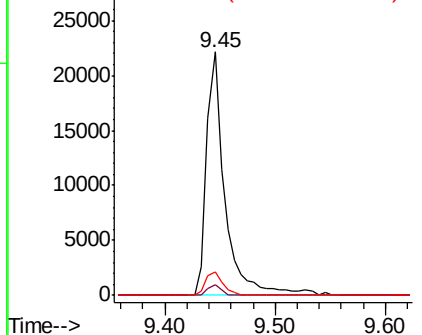


Abundance

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: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

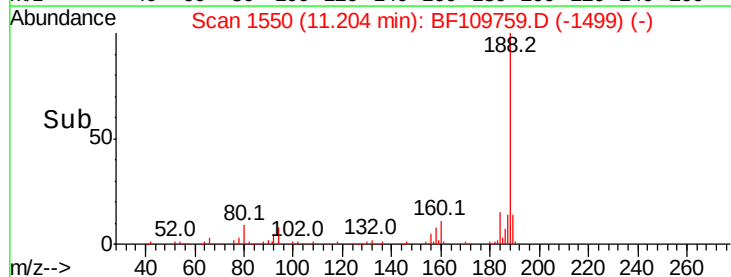
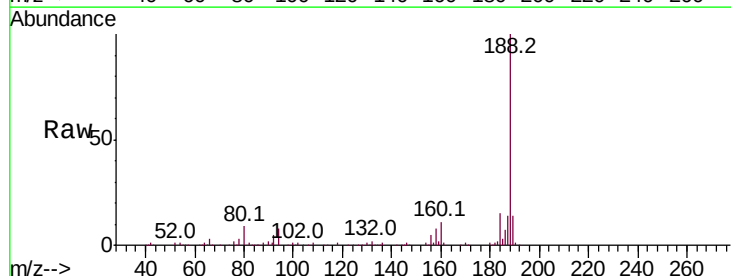
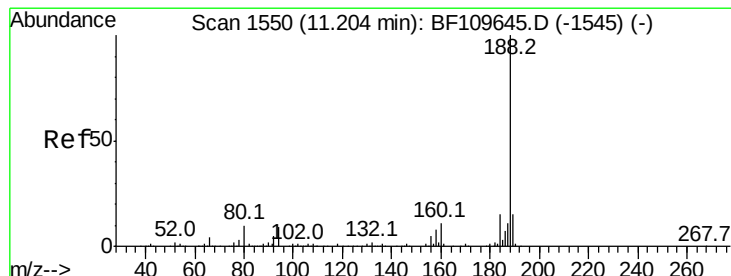
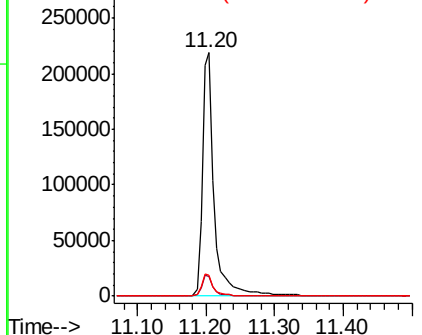
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	267446		
94	8.1		7.2	10.8
80	8.7		7.9	11.9

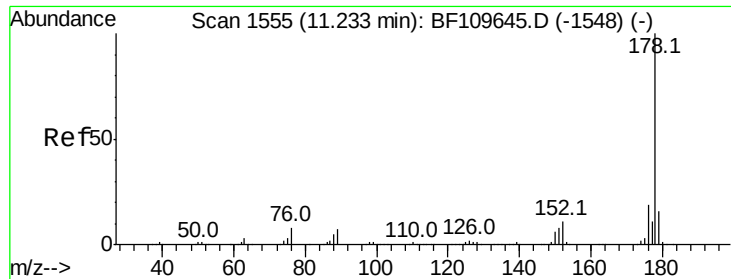
Abundance

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





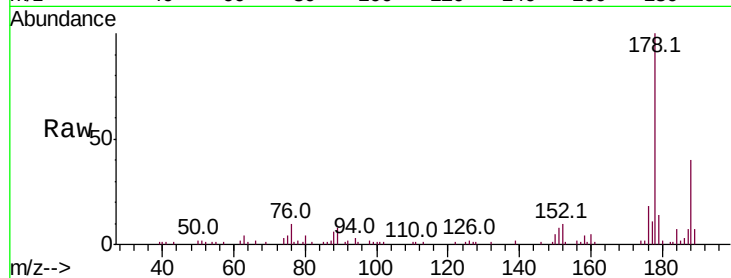
#70
Phenanthrene
Concen: 5.284 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	13.8	12.5	18.7

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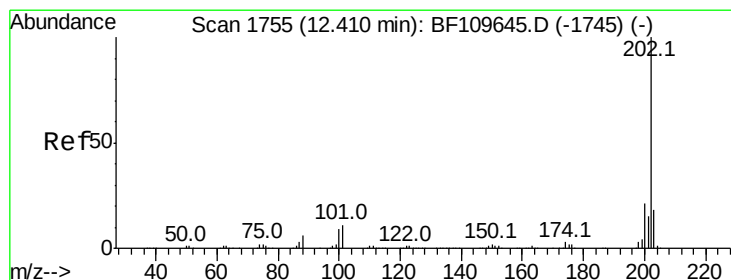
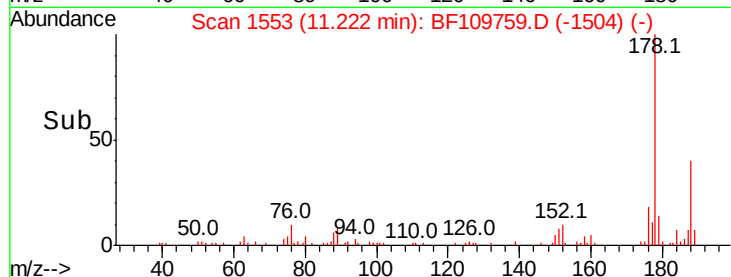
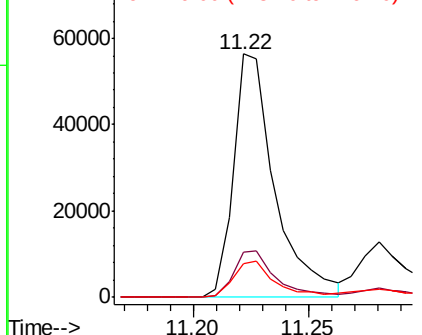


Abundance

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: 7.582 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

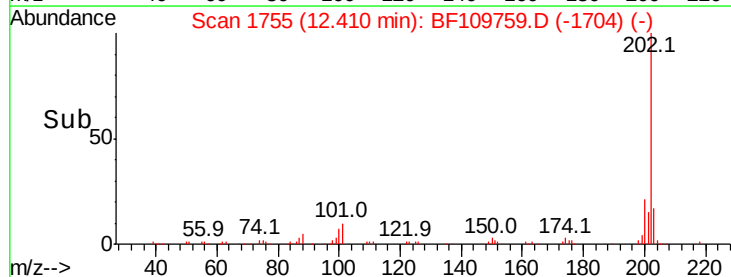
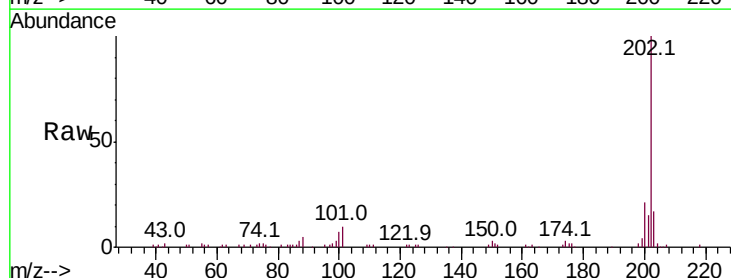
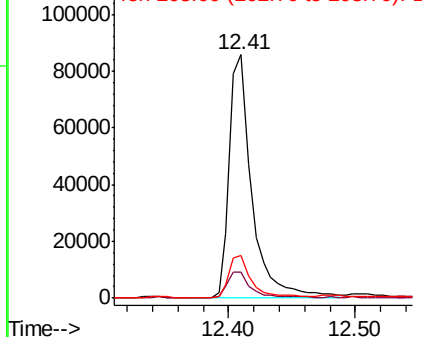
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	17.5	0.0	37.7

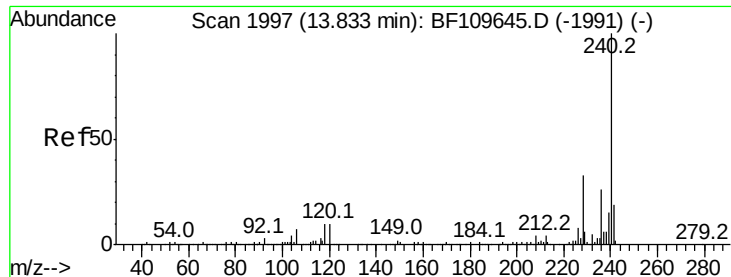
Abundance

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: BF109759.D

Acq: 10 Oct 2018 23:05

Instrument :

BNA_F

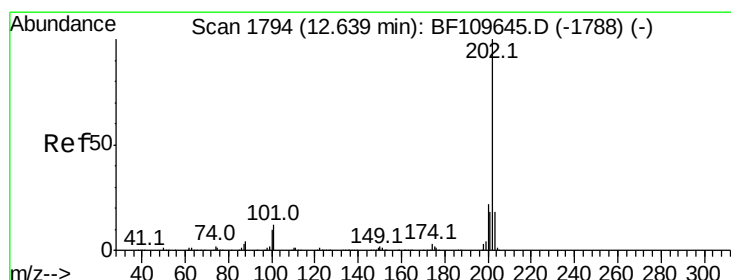
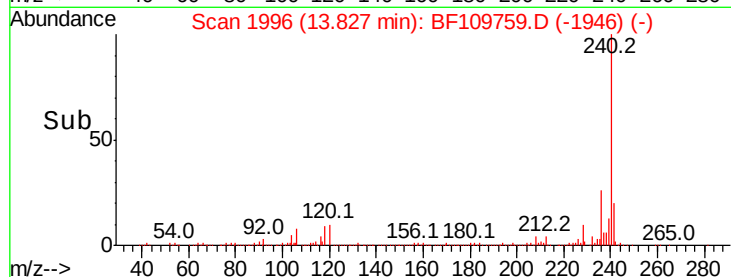
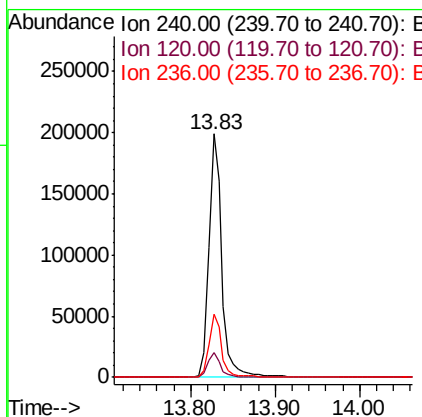
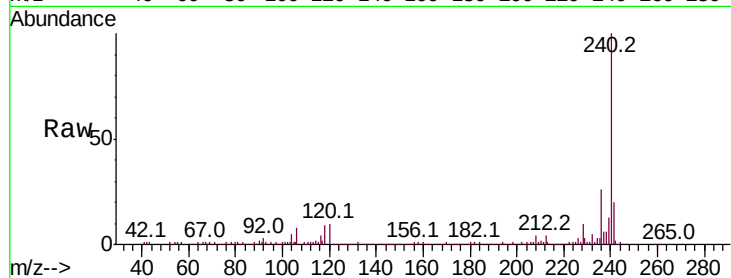
ClientSampleId :

RT1499-3783-RT3026

Tot Ion	Ratio	Resp	Lower	Upper
240	100	213733		
120	10.3		8.3	12.5
236	25.7		21.2	31.8

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#77

Pyrene

Concen: 6.322 ng

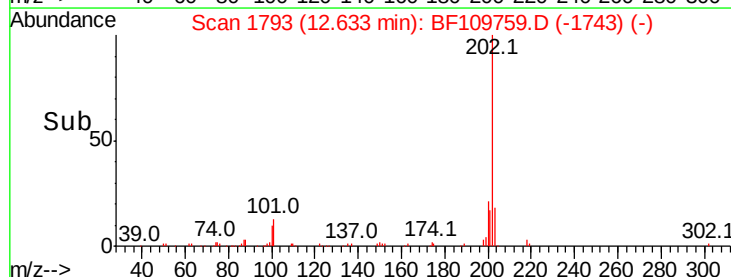
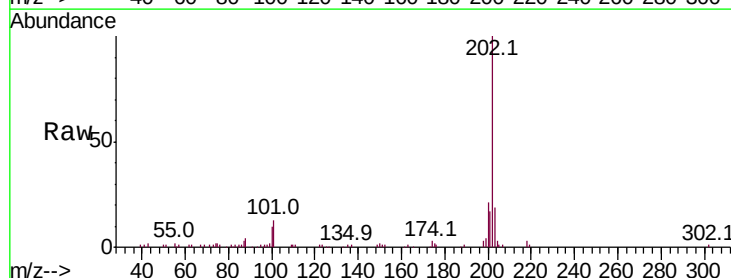
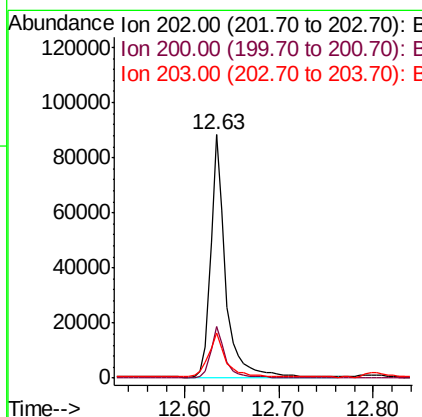
RT: 12.63 min Scan# 1793

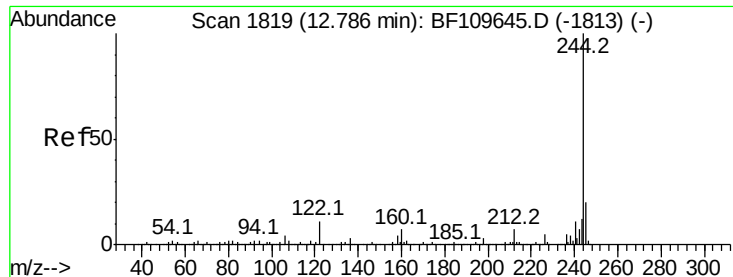
Delta R.T. -0.01 min

Lab File: BF109759.D

Acq: 10 Oct 2018 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	98994		
200	21.1		17.8	26.6
203	18.7		14.2	21.4





#78

Terphenyl-d14

Concen: 9.266 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF109759.D

Acq: 10 Oct 2018 23:05

Instrument :

BNA_F

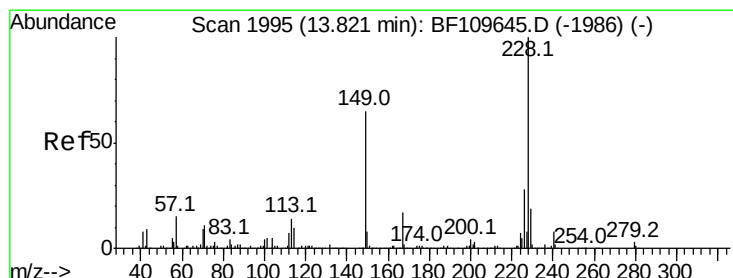
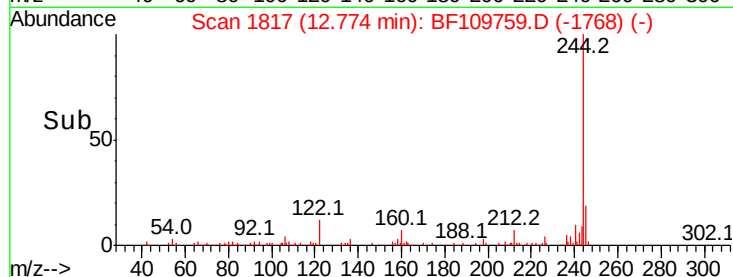
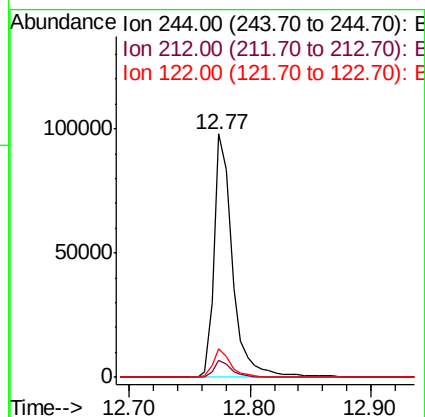
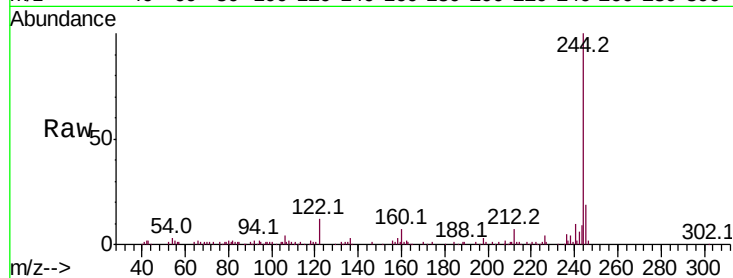
ClientSampleId :

RT1499-3783-RT3026

Tot Ion:	244	Resp:	102307
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.8	8.7	13.1

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#80

Benzo(a)anthracene

Concen: 4.554 ng

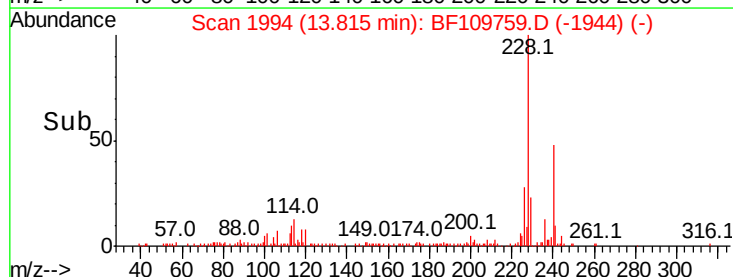
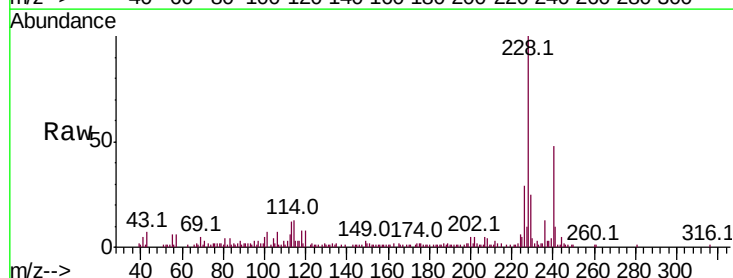
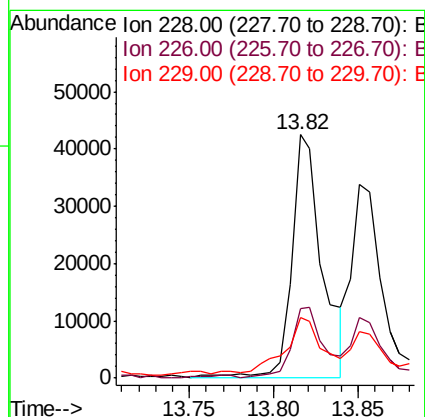
RT: 13.82 min Scan# 1994

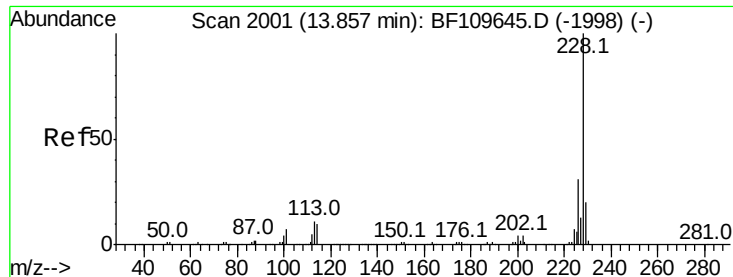
Delta R.T. -0.01 min

Lab File: BF109759.D

Acq: 10 Oct 2018 23:05

Tgt Ion:	228	Resp:	53708
Ion Ratio		Lower	Upper
228	100		
226	28.7	22.1	33.1
229	24.6	15.6	23.4#





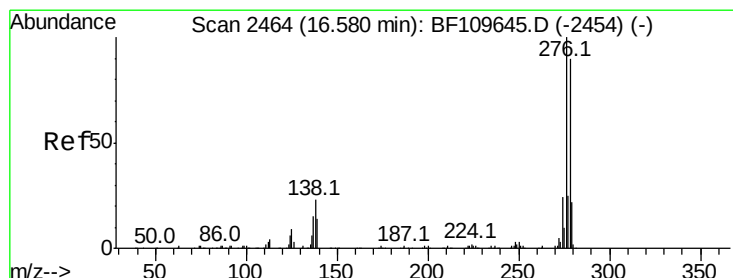
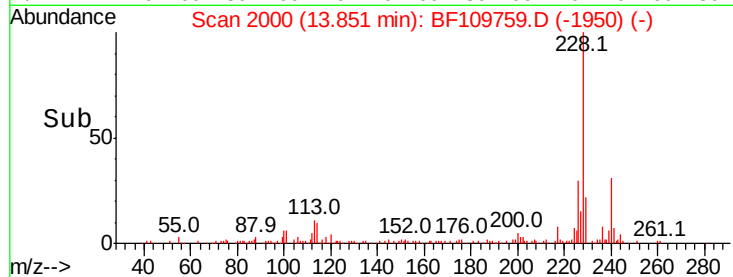
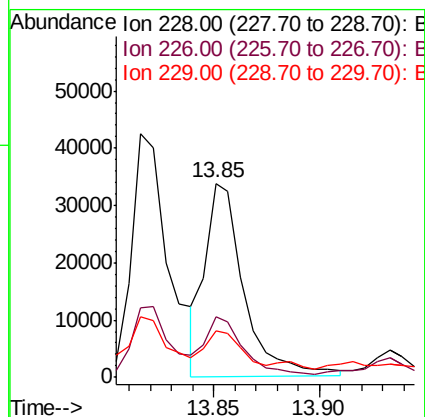
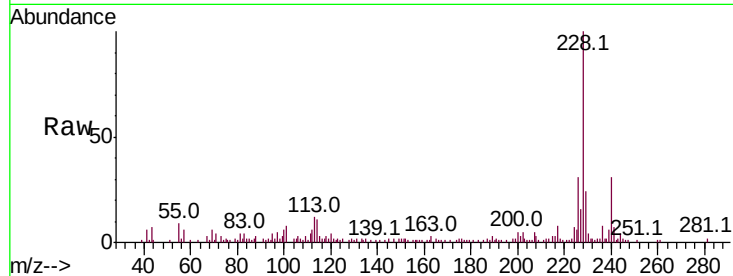
#82
Chrysene
Concen: 3.472 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tot Ion:	228	Resp:	43013
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.7	37.1
229	23.9	15.9	23.9#

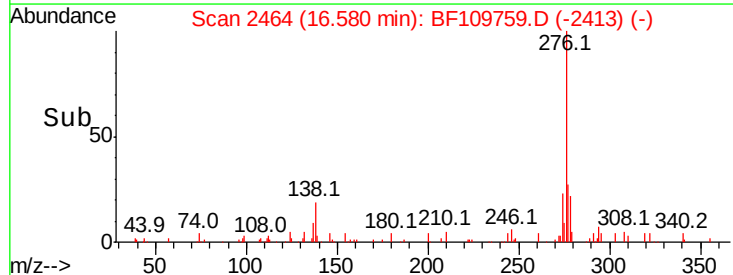
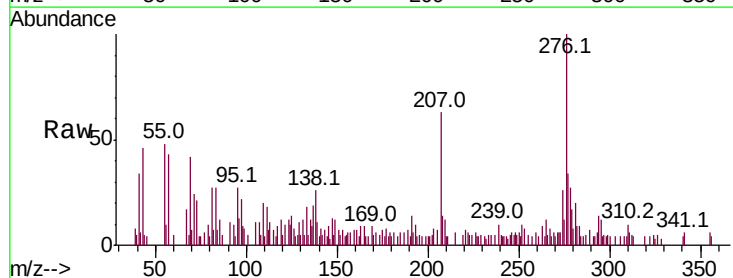
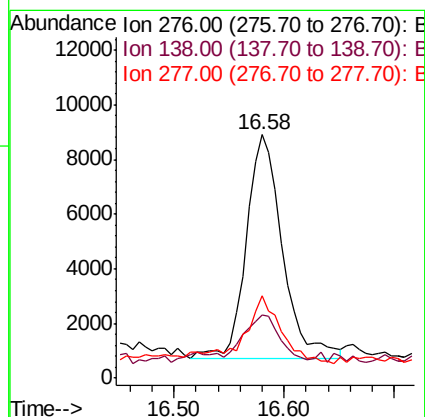
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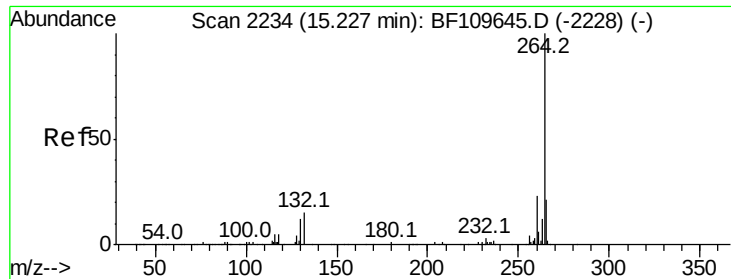
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.122 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:	276	Resp:	18814
Ion Ratio	Lower	Upper	
276	100		
138	20.7	18.5	27.7
277	28.1	20.0	30.0





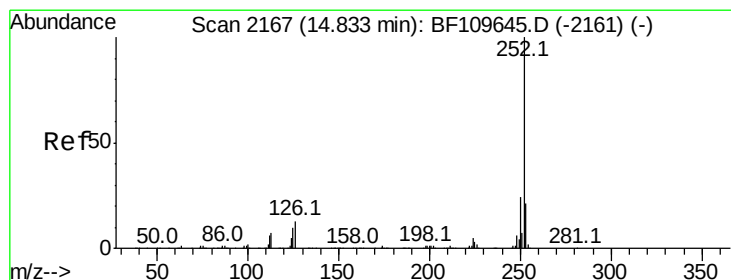
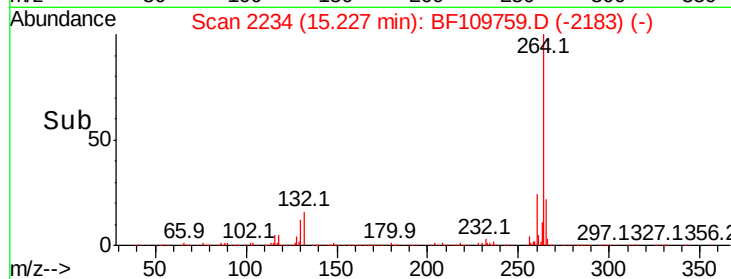
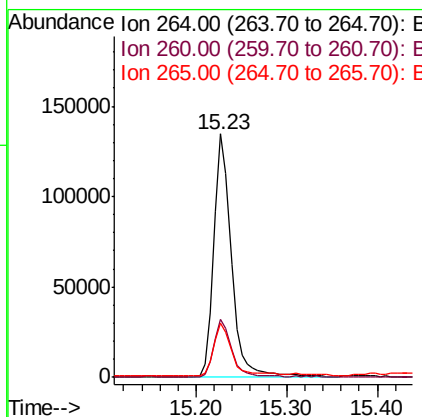
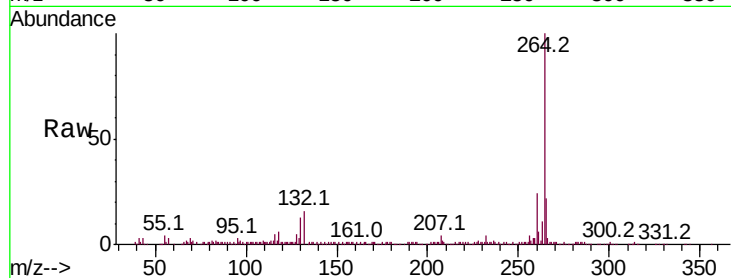
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109759.D
 Acq: 10 Oct 2018 23:05

Instrument :
 BNA_F
 ClientSampleId :
 RT1499-3783-RT3026

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.1	16.7	25.1

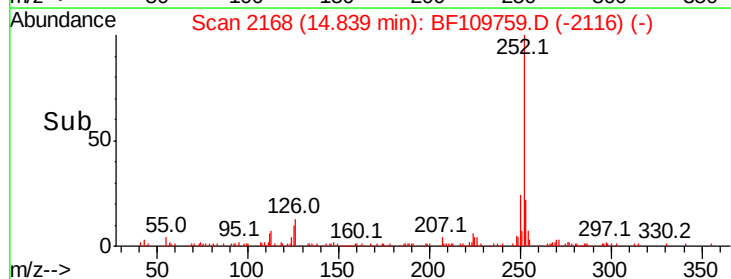
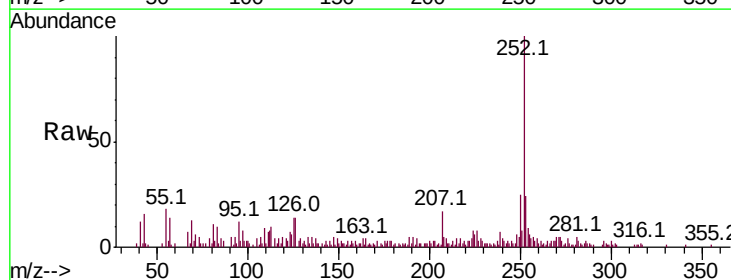
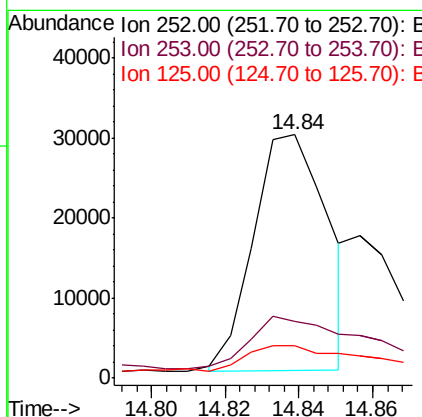
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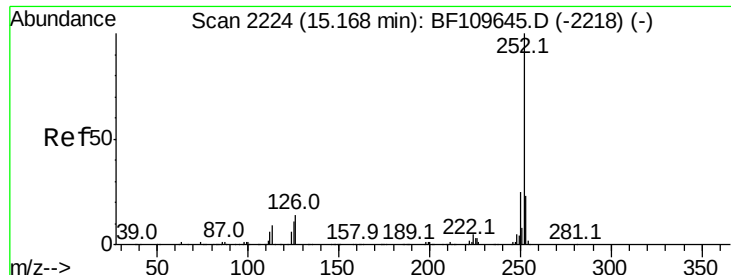
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 10/11/2018 2:03:01 PM



#87
 Benzo(b)fluoranthene
 Concen: 4.162 ng m
 RT: 14.84 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BF109759.D
 Acq: 10 Oct 2018 23:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	13.5	8.2	12.4





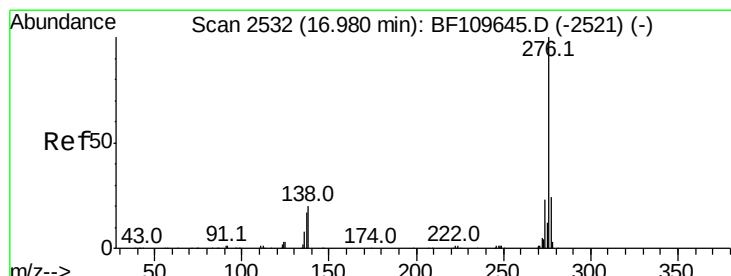
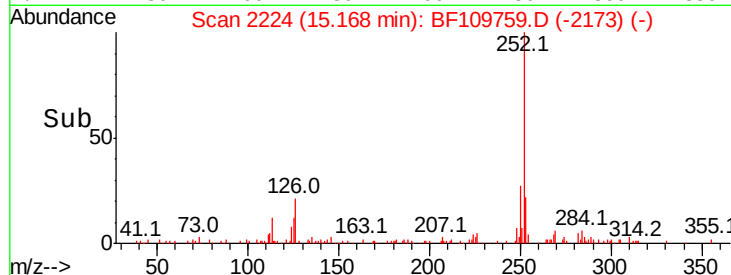
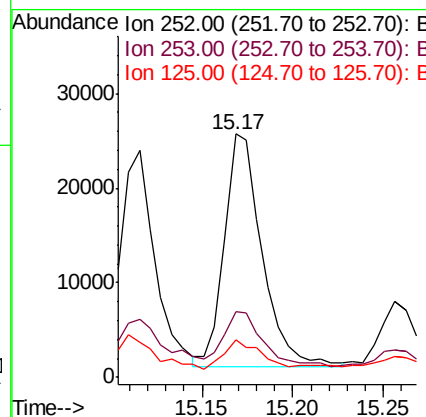
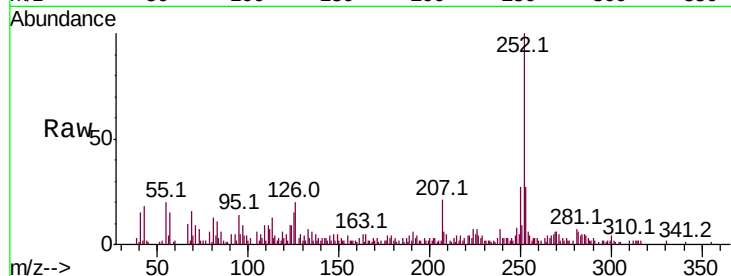
#89
Benzo(a)pyrene
Concen: 3.963 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.4
125	15.4	9.0	13.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.793 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	23.0	16.0	24.0

