

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109711.D
 Acq On : 9 Oct 2018 22:47
 Operator : JU/SJ
 Sample : J5326-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-3

Manual Integrations
 APPROVED

Sohil
 10/10/2018 11:37:18 AM

Quant Time: Oct 10 10:18:03 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	81494	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	308111	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	124361	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	201078	20.00	ng	0.00
75) Chrysene-d12	13.83	240	206934	20.00	ng	0.00
86) Perylene-d12	15.23	264	187317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	671606	146.28	ng	0.00
7) Phenol-d6	6.35	99	924082	150.67	ng	0.00
23) Nitrobenzene-d5	7.26	82	594054	106.28	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	170022	125.47	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	958775	106.18	ng	0.00
78) Terphenyl-d14	12.78	244	749470	70.11	ng	0.00
Target Compounds						
10) Phenol	6.36	94	33754	4.799	ng	87
49) Dimethylphthalate	9.45	163	93003	10.197	ng	100
70) Phenanthrene	11.23	178	28308	2.813	ng	98
74) Fluoranthene	12.41	202	82083	7.808	ng	99
77) Pyrene	12.63	202	82674	5.453	ng	98
80) Benzo(a)anthracene	13.82	228	72469	6.346	ng	98
82) Chrysene	13.85	228	53033	4.421	ng	96
85) Indeno(1,2,3-cd)pyrene	16.57	276	23967	2.792	ng	94
87) Benzo(b)fluoranthene	14.83	252	84975m	8.209	ng	
88) Benzo(k)fluoranthene	14.86	252	30603m	2.942	ng	
89) Benzo(a)pyrene	15.17	252	50198	5.344	ng	99
91) Benzo(a,h,i)perylene	16.97	276	21679	2.814	ng	98

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

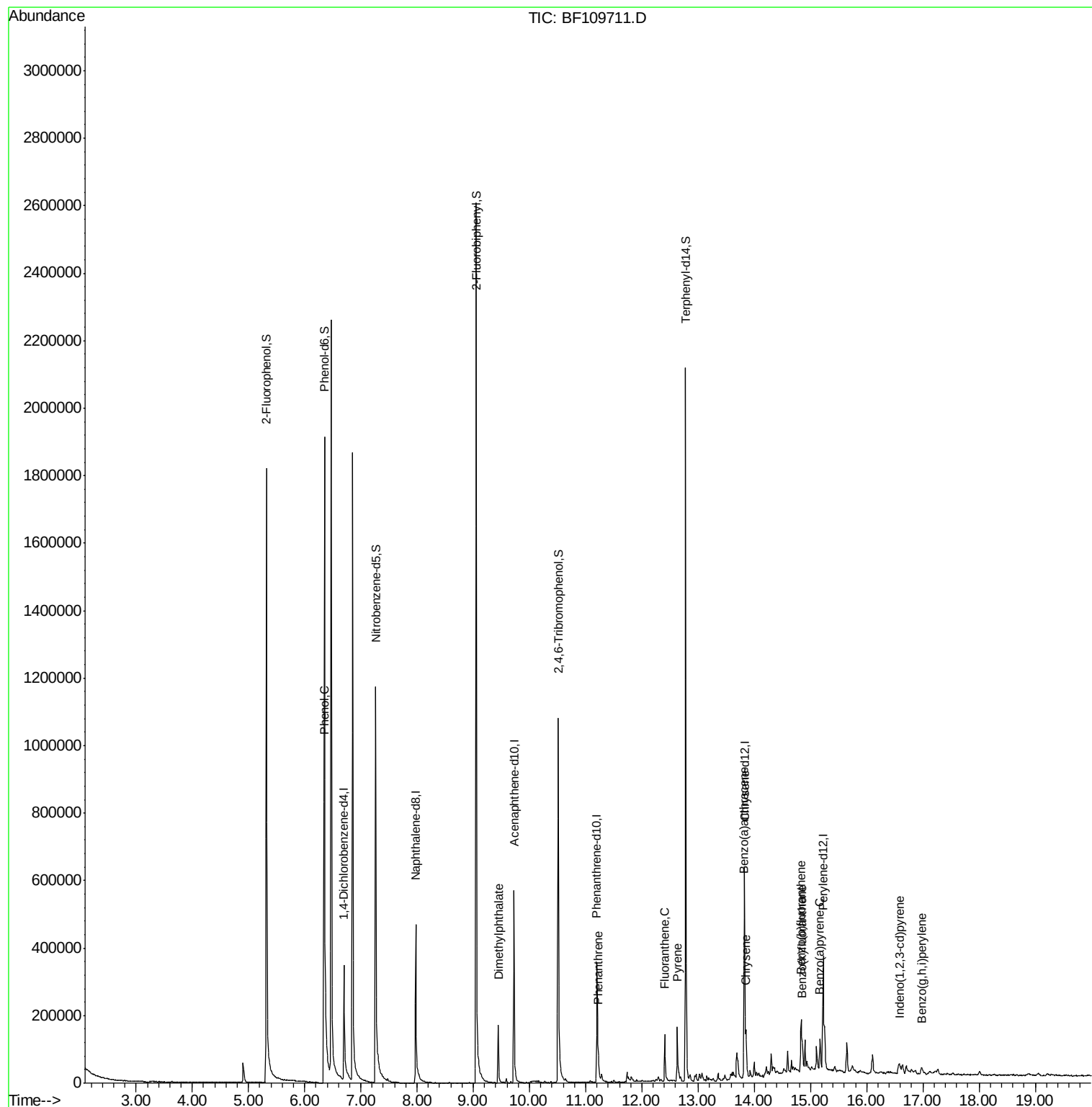
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109711.D
Acq On : 9 Oct 2018 22:47
Operator : JU/SJ
Sample : J5326-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

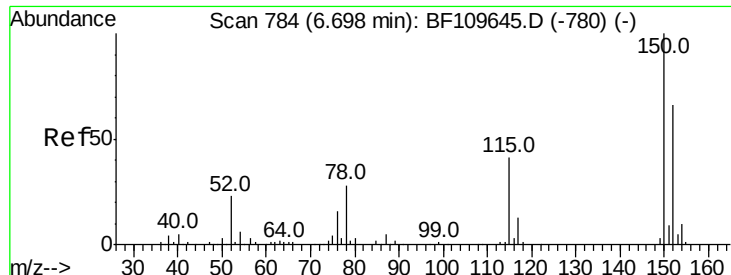
Instrument :
BNA_F
ClientSampleId :
FL-PIT-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

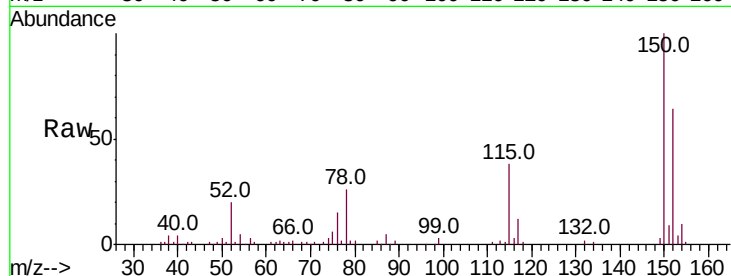
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Instrument :
BNA_F
ClientSampleId :
FL-PIT-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	59.3	49.1	73.7

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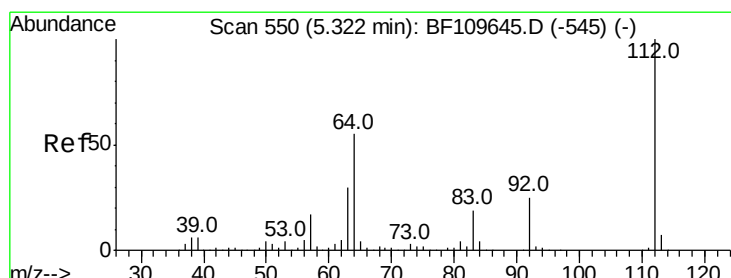
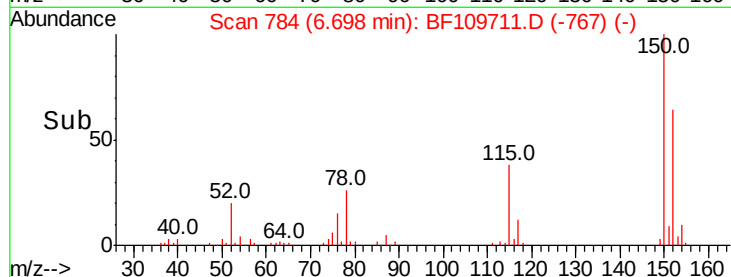
Abundance

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

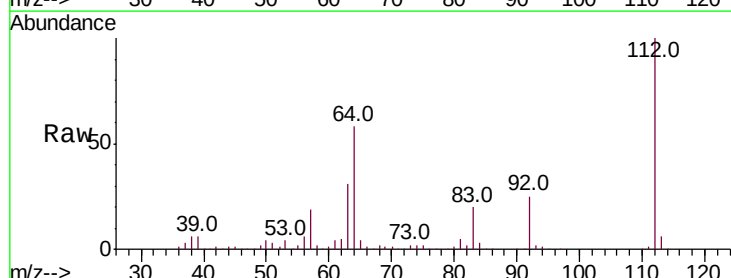
Time-->



#5

2-Fluorophenol
Concen: 146.283 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.9	23.7	35.5



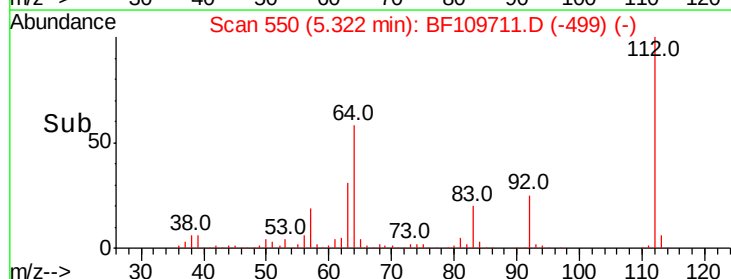
Abundance

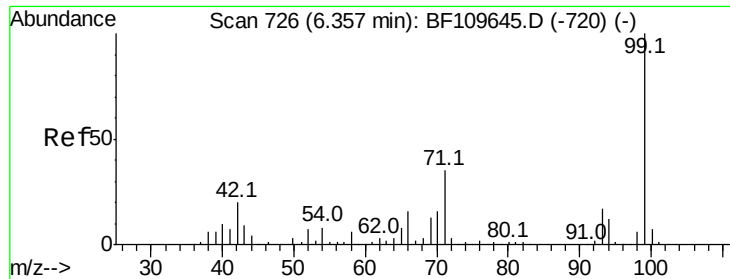
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 150.668 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109711.D

Acq: 9 Oct 2018 22:47

Instrument :

BNA_F

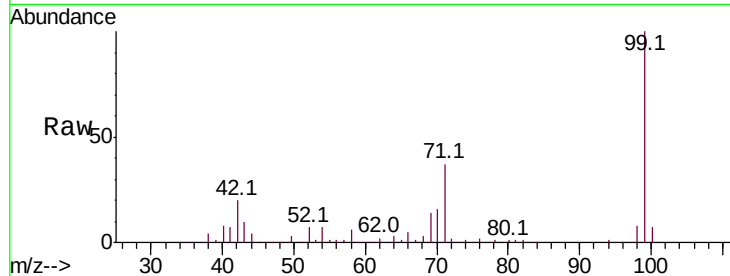
ClientSampled :

FL-PIT-3

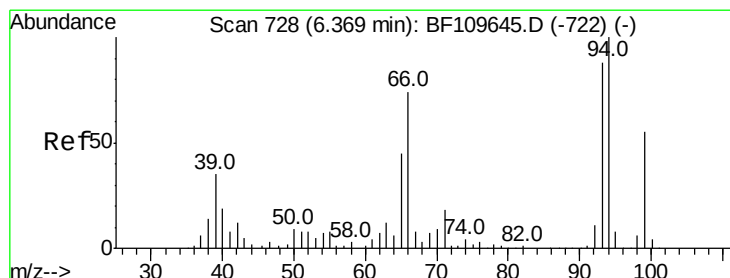
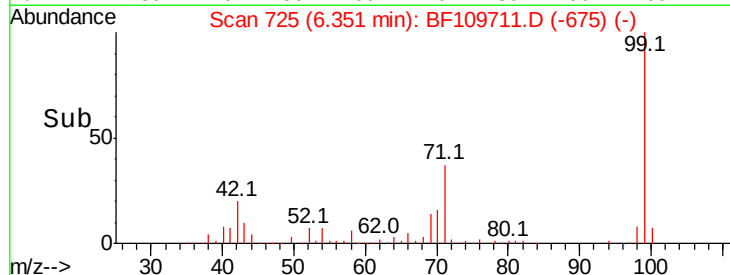
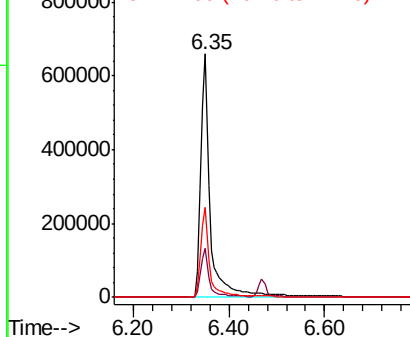
Tot Ion:	99	Resp:	924082
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.6
71	36.8	28.0	42.0

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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



#10

Phenol

Concen: 4.799 ng

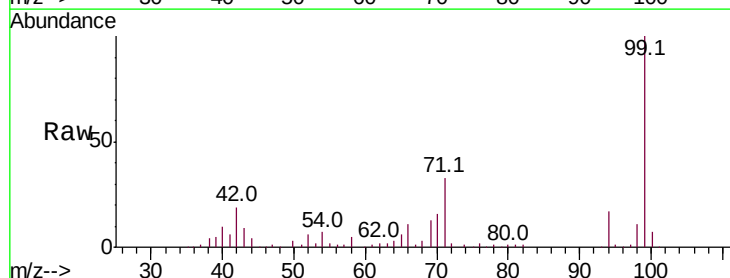
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

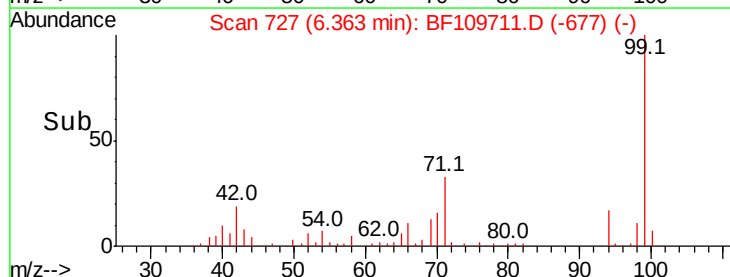
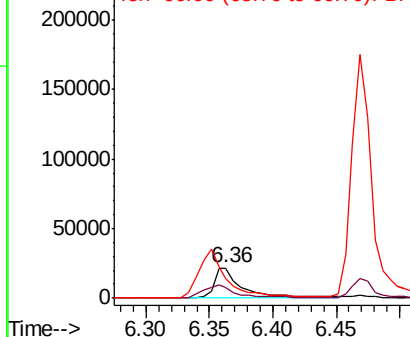
Lab File: BF109711.D

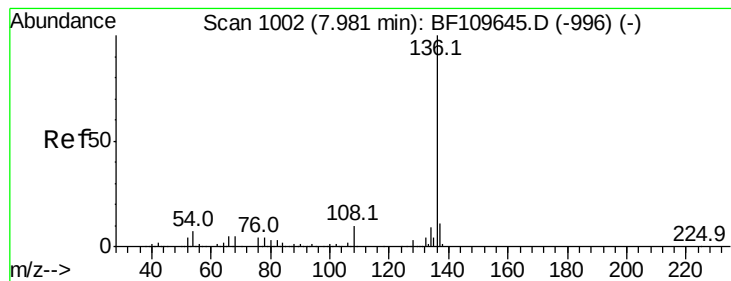
Acq: 9 Oct 2018 22:47

Tgt Ion:	94	Resp:	33754
Ion Ratio	Lower	Upper	
94	100		
65	34.2	25.3	65.3
66	65.2	54.5	94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





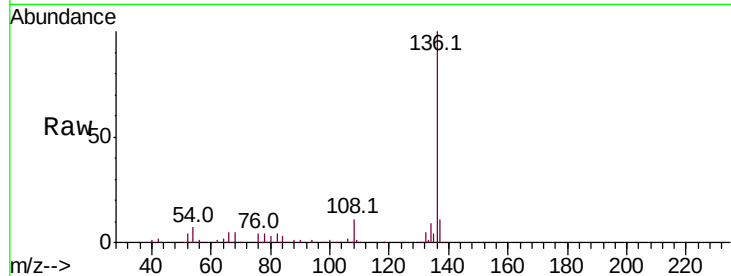
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Instrument :
BNA_F
ClientSampled :
FL-PIT-3

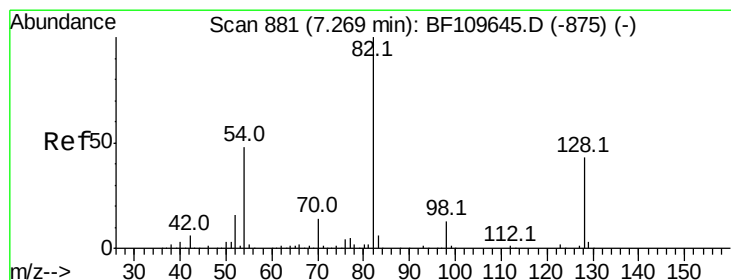
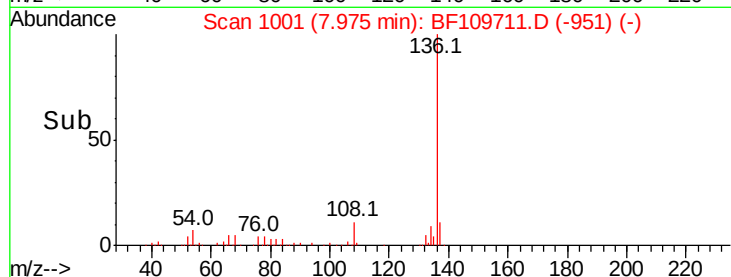
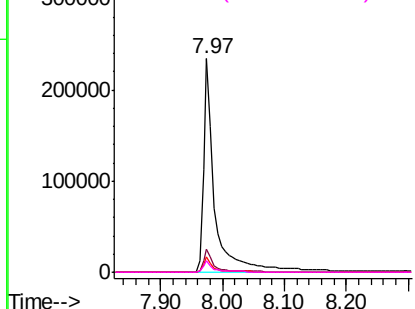
Tot Ion	Ratio	Resp	Lower	Upper
136	100	308111		
137	11.1		8.8	13.2
54	7.5		5.4	8.2
68	5.4		4.2	6.2

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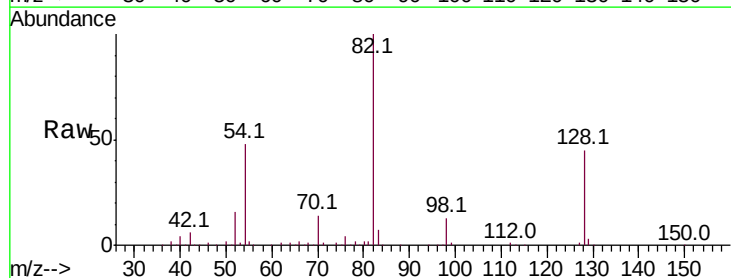


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

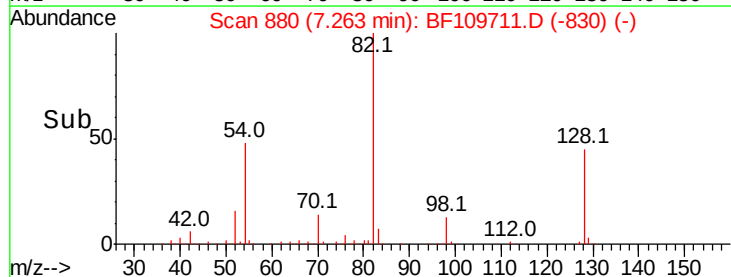
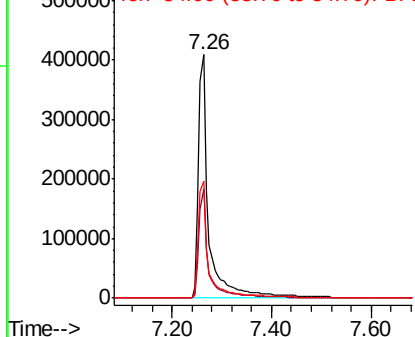


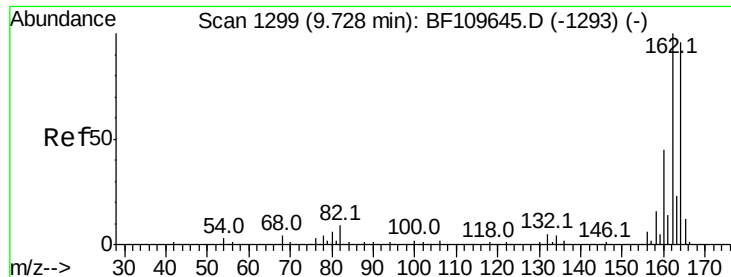
#23
Nitrobenzene-d5
Concen: 106.281 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	594054		
128	44.9		34.2	51.2
54	47.8		38.6	58.0



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





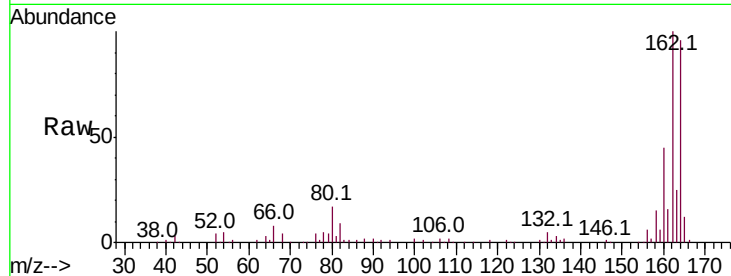
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Instrument :
BNA_F
ClientSampled :
FL-PIT-3

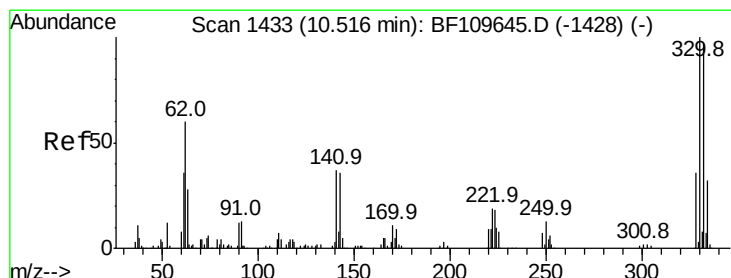
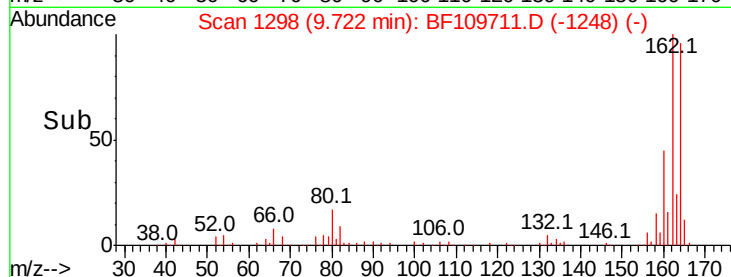
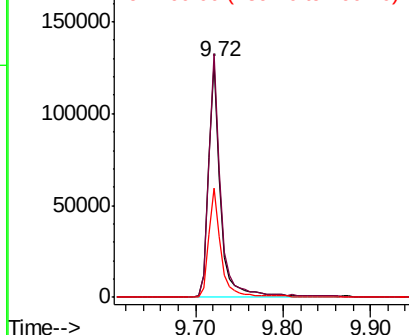
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.6
160	46.5	37.0	55.6

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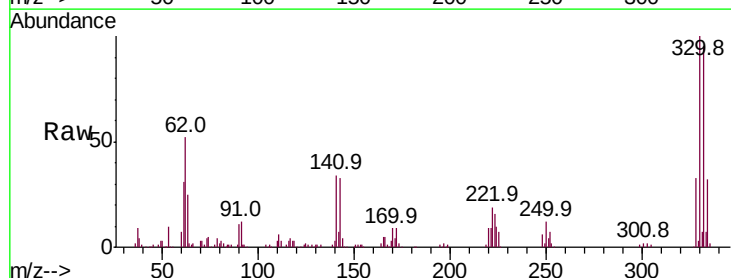


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

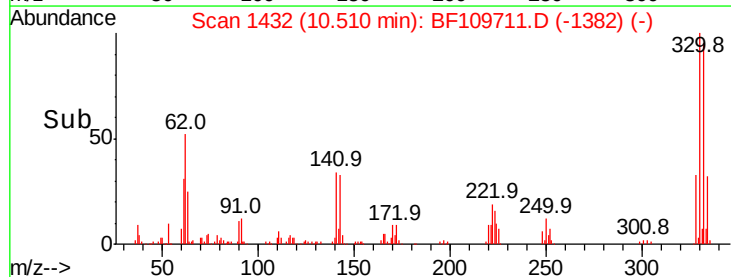
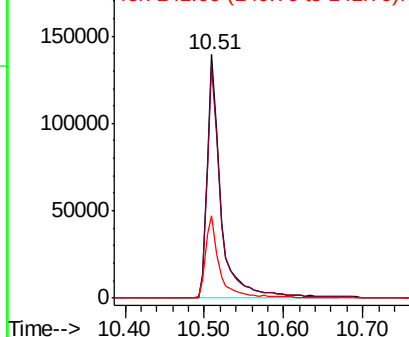


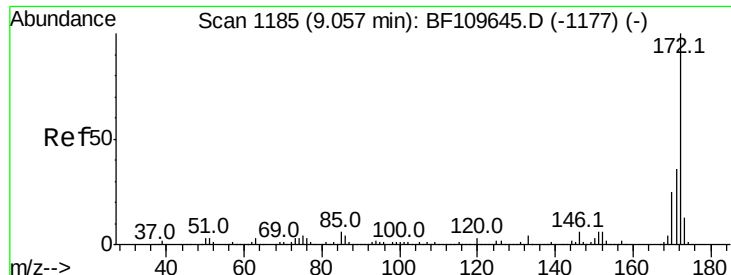
#41
2,4,6-Tribromophenol
Concen: 125.473 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	35.0	27.0	40.4



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





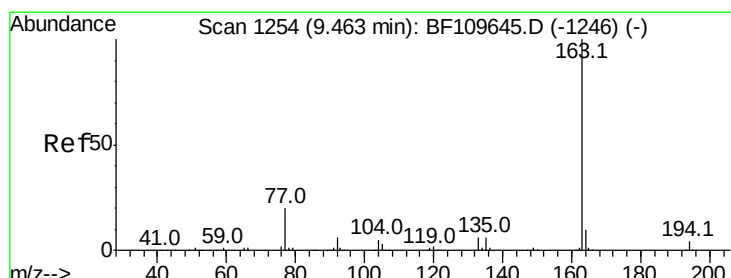
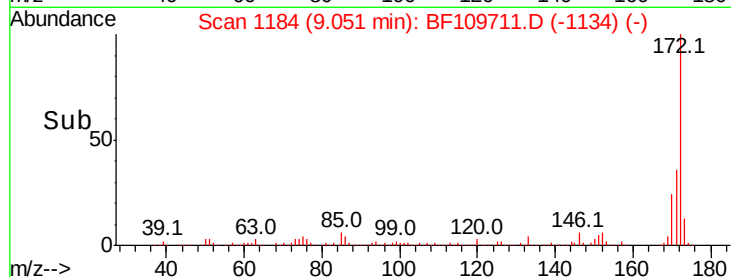
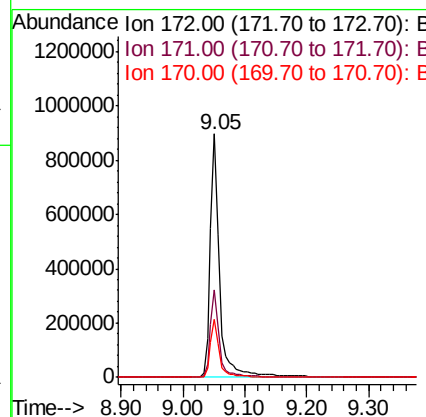
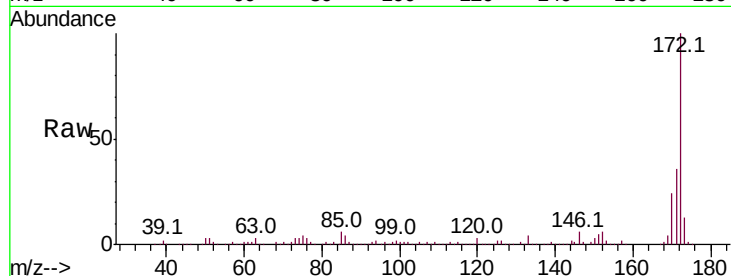
#44
2-Fluorobiphenyl
Concen: 106.181 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Instrument :
BNA_F
ClientSampleId :
FL-PIT-3

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	28.6	43.0	
170	23.9	19.7	29.5	

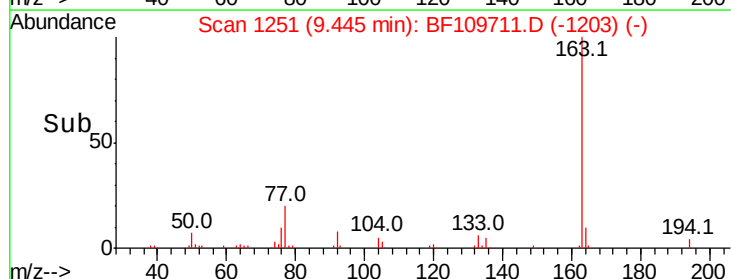
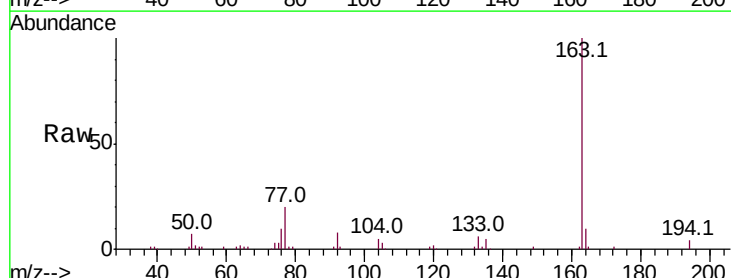
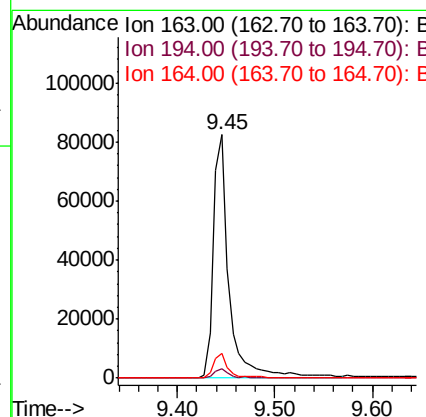
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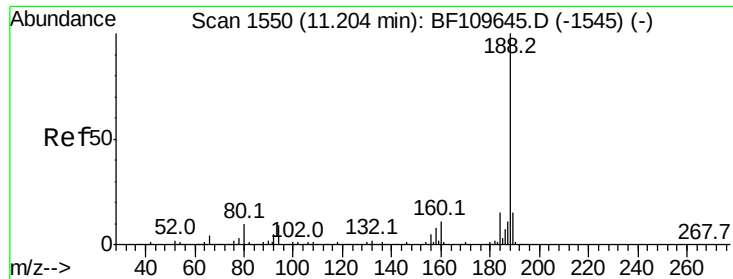
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#49
Dimethylphthalate
Concen: 10.197 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	3.2	4.8	
164	10.0	8.1	12.1	





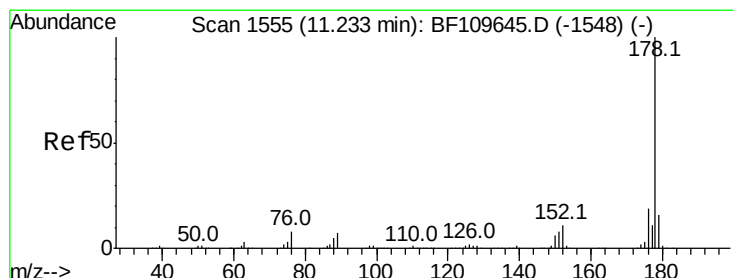
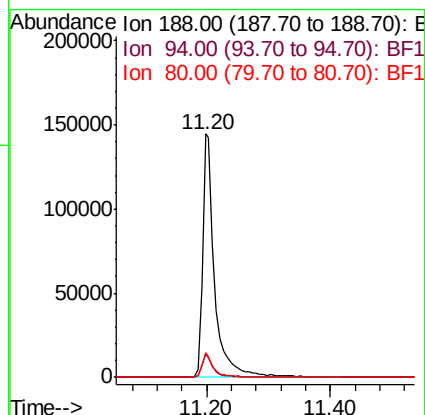
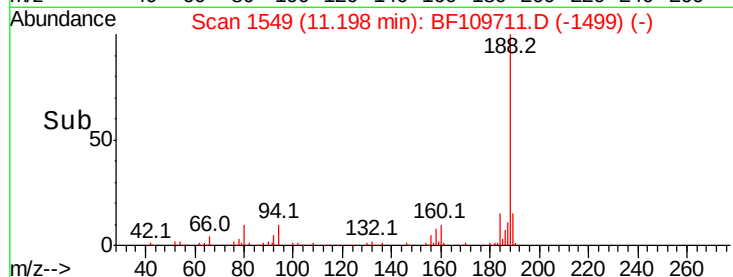
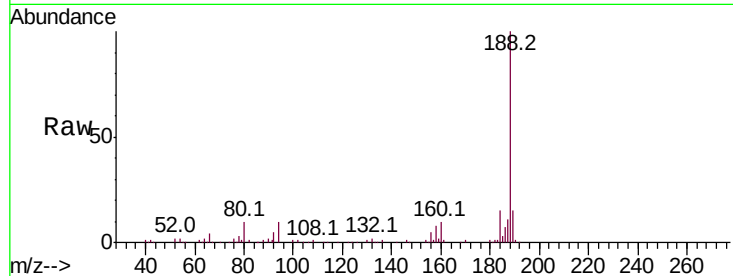
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Instrument :
BNA_F
ClientSampled :
FL-PIT-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8		7.2	10.8
80	10.2		7.9	11.9

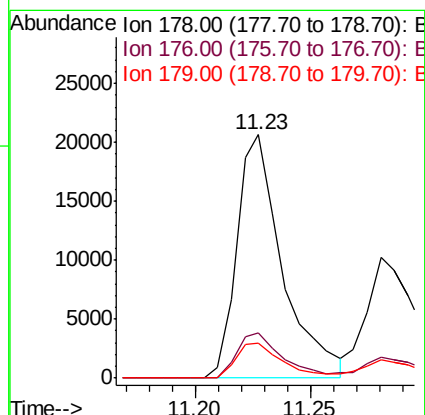
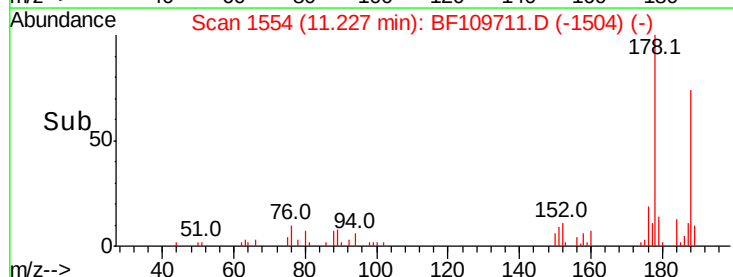
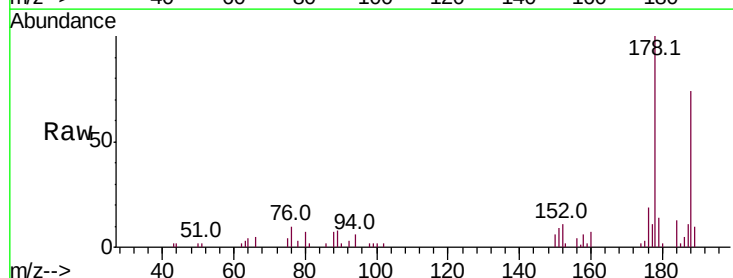
Manual Integrations
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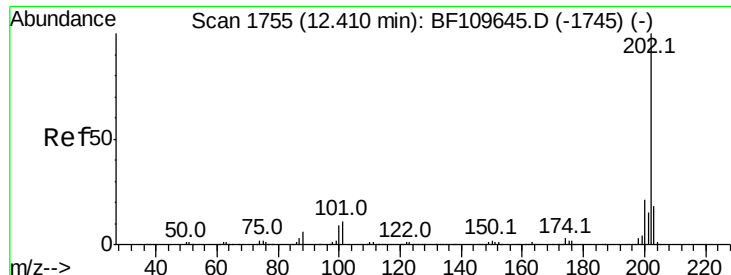
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#70
Phenanthrene
Concen: 2.813 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.6		15.5	23.3
179	14.3		12.5	18.7





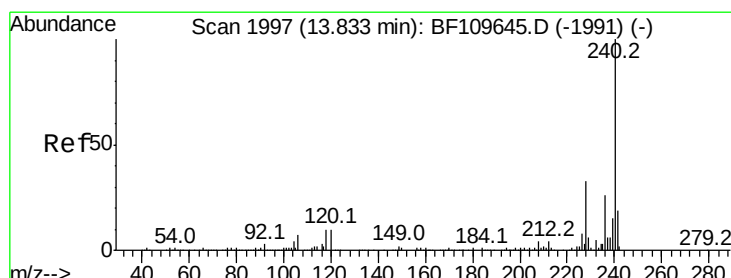
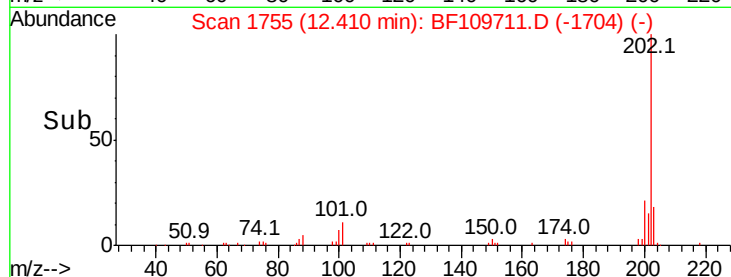
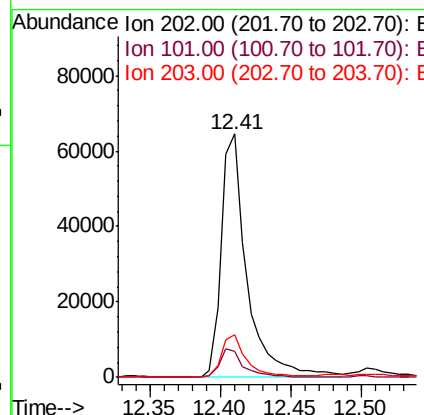
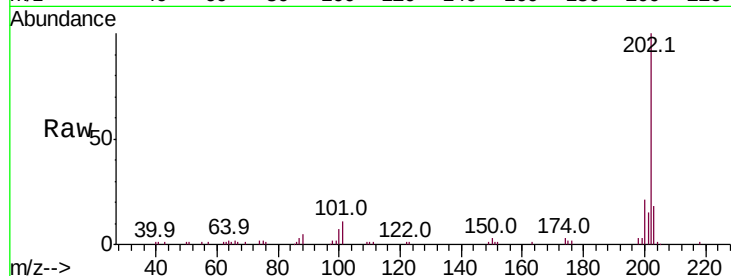
#74
 Fluoranthene
 Concen: 7.808 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF109711.D
 Acq: 9 Oct 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-3

Tot Ion:	202	Resp:	82083
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.4
203	17.5	0.0	37.7

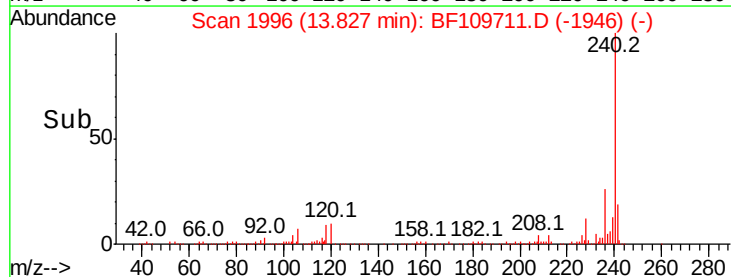
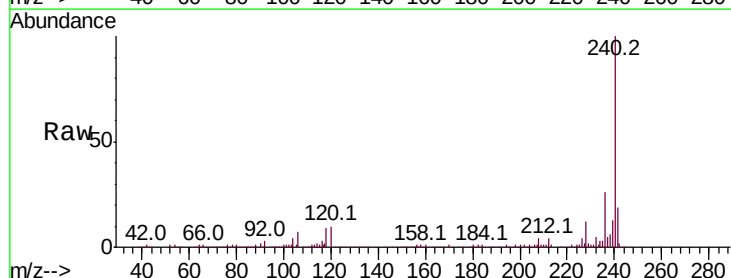
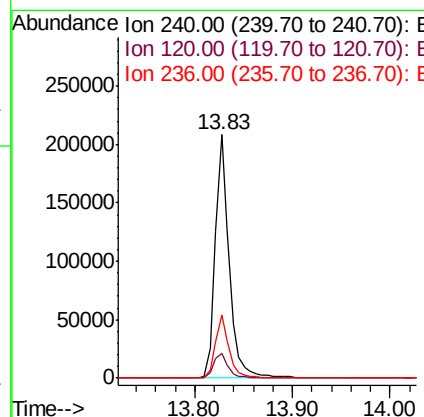
Manual Integrations
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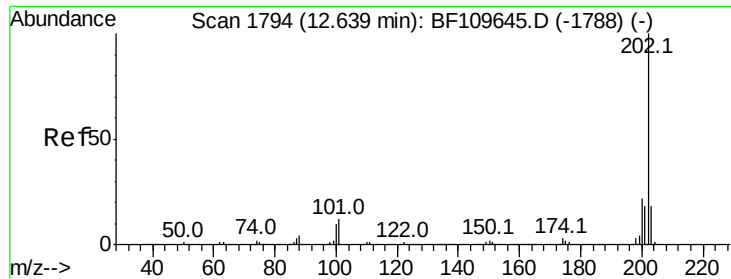
Sohil
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109711.D
 Acq: 9 Oct 2018 22:47

Tgt Ion:	240	Resp:	206934
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.3	12.5
236	25.9	21.2	31.8





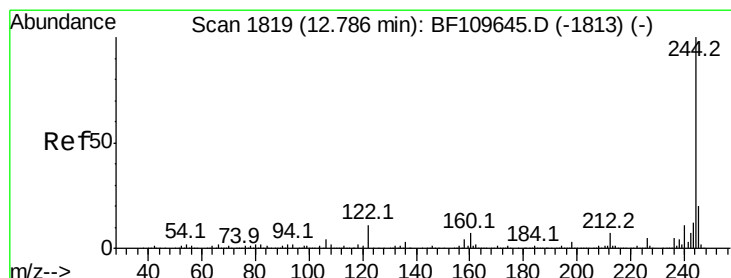
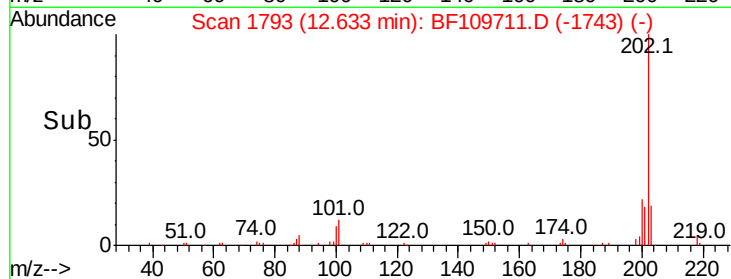
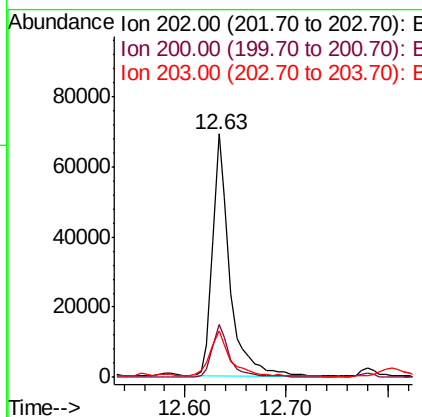
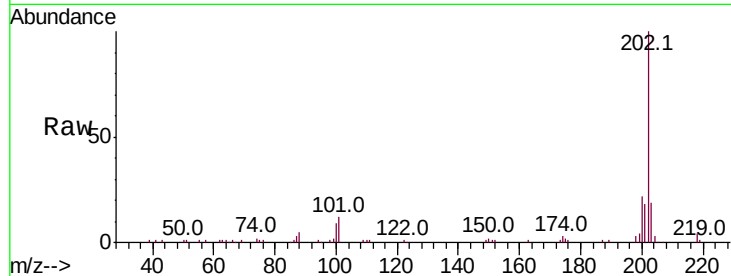
#77
Pvrene
Concen: 5.453 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Instrument :
BNA_F
ClientSampleId :
FL-PIT-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	19.2	14.2	21.4

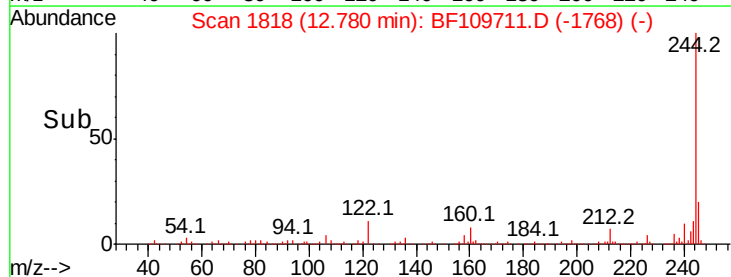
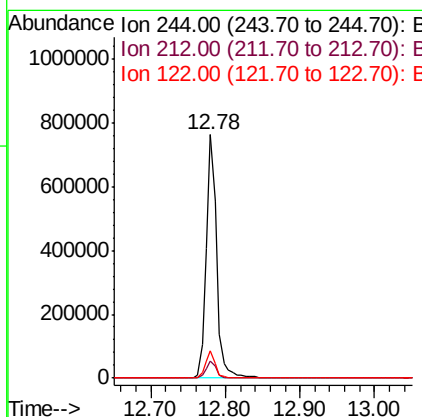
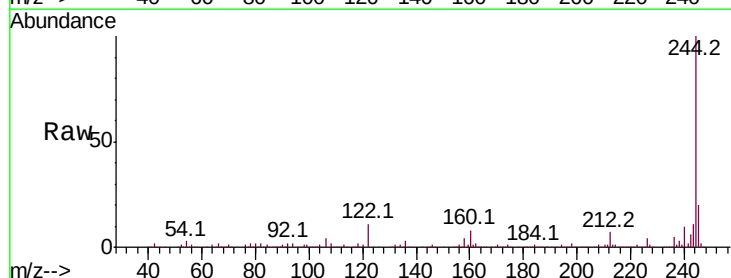
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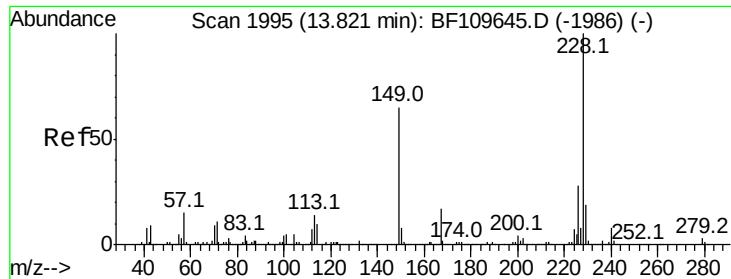
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#78
Terphenyl-d14
Concen: 70.112 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.4	8.7	13.1





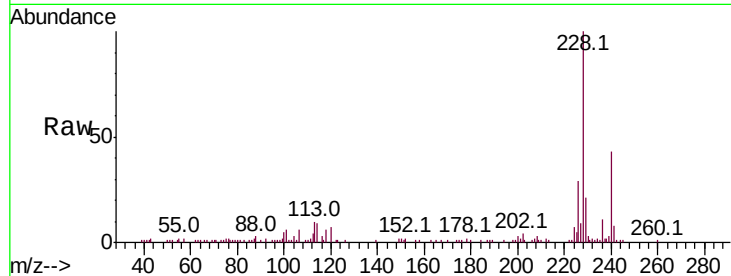
#80
Benzo(a)anthracene
Concen: 6.346 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Instrument :
BNA_F
ClientSampled :
FL-PIT-3

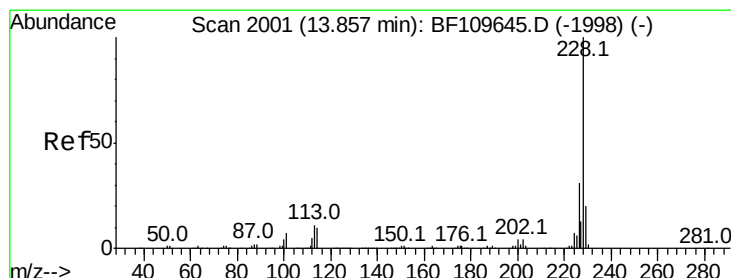
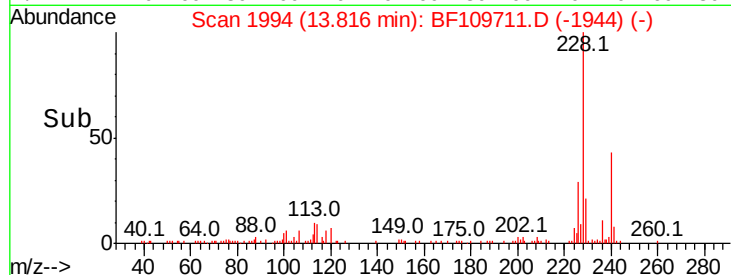
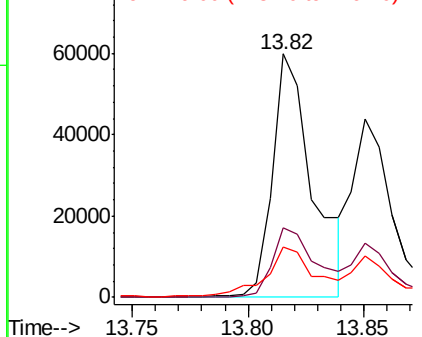
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.1	33.1
229	20.7	15.6	23.4

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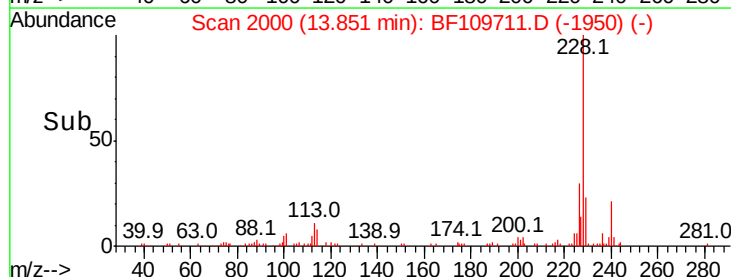
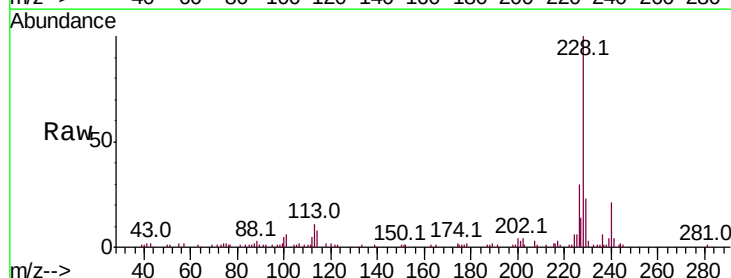
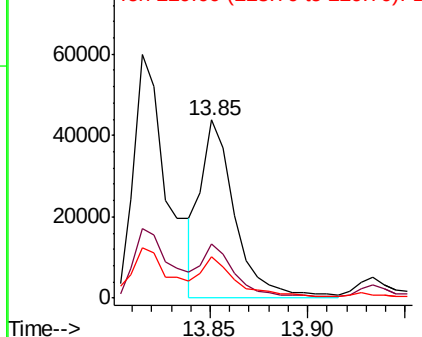
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

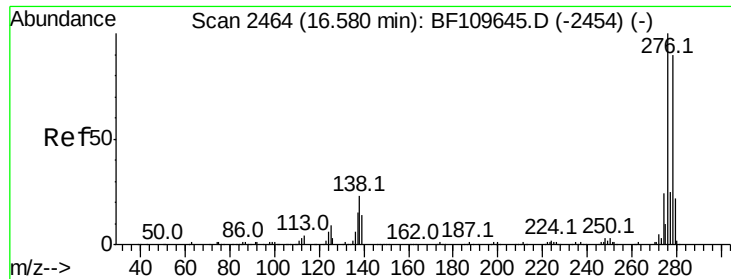


#82
Chrysene
Concen: 4.421 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	23.5	15.9	23.9

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





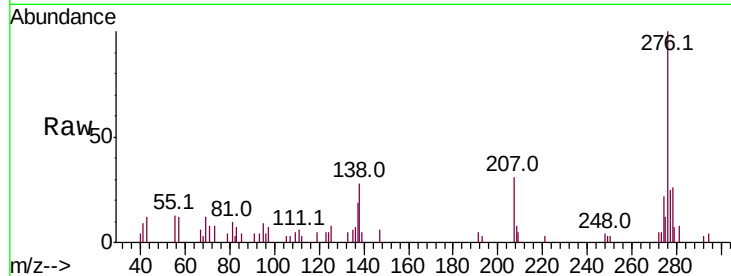
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.792 ng
 RT: 16.57 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BF109711.D
 Acq: 9 Oct 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-3

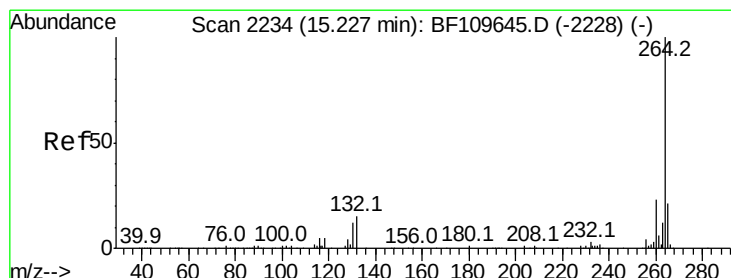
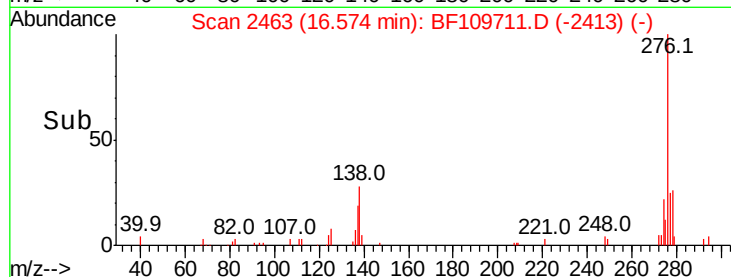
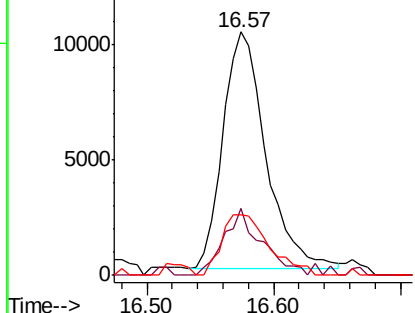
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.5	27.7
277	28.6	20.0	30.0

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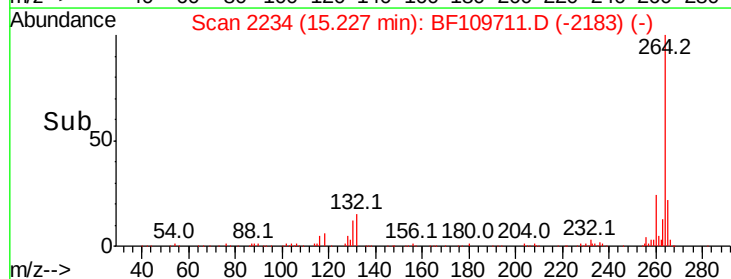
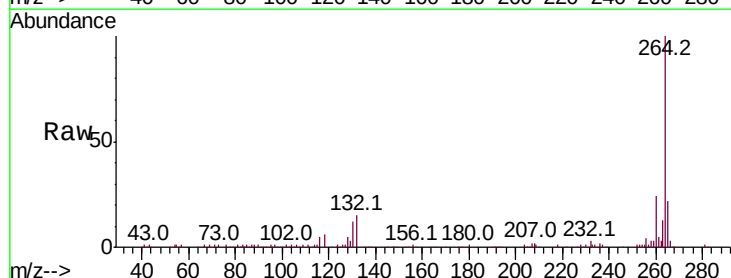
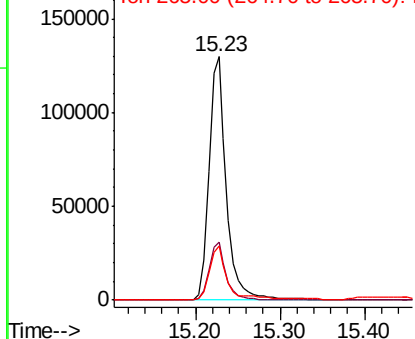
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

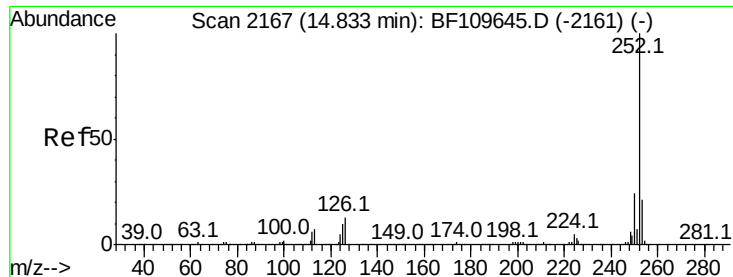


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109711.D
 Acq: 9 Oct 2018 22:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.1	16.7	25.1

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 8.209 ng m

RT: 14.83 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF109711.D

Acq: 9 Oct 2018 22:47

Instrument :

BNA_F

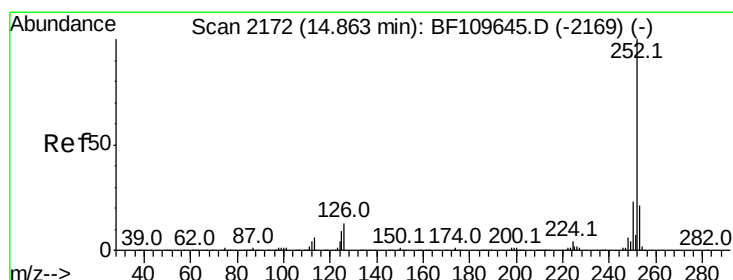
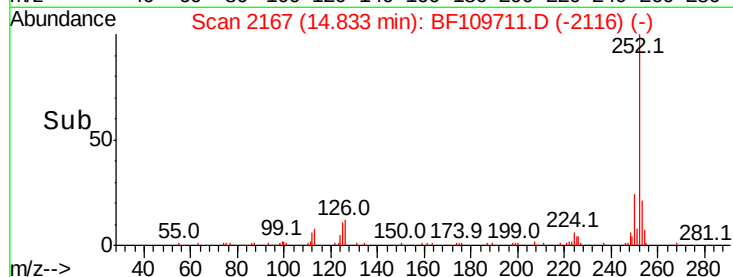
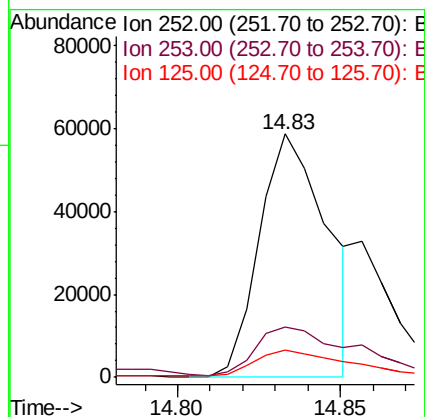
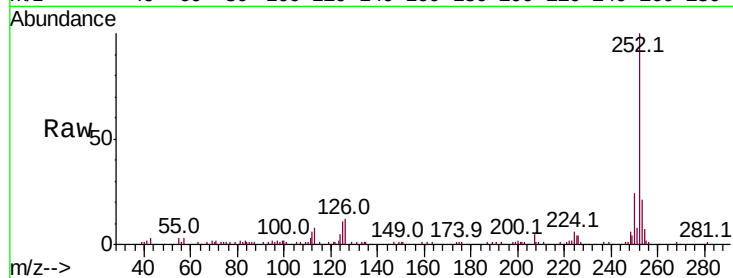
ClientSampled :

FL-PIT-3

Tot Ion:	252	Resp:	84975
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.2	25.8
125	11.1	8.2	12.4

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#88

Benzo(k)fluoranthene

Concen: 2.942 ng m

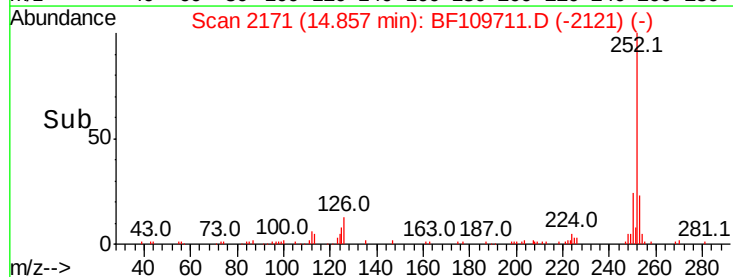
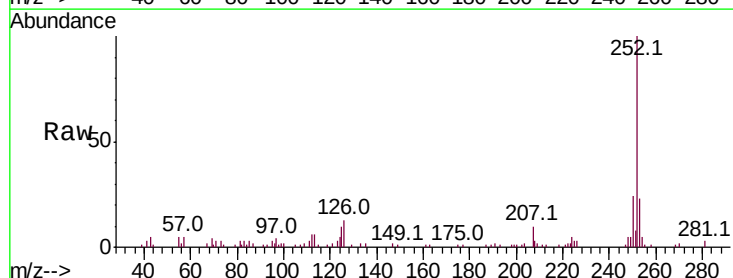
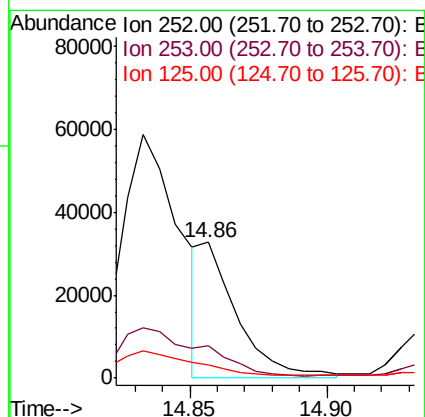
RT: 14.86 min Scan# 2171

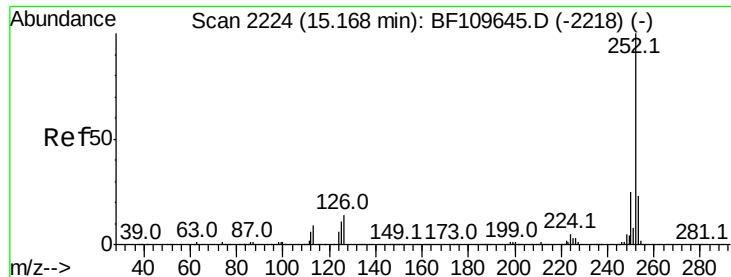
Delta R.T. -0.01 min

Lab File: BF109711.D

Acq: 9 Oct 2018 22:47

Tgt Ion:	252	Resp:	30603
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.2	25.8
125	9.7	7.4	11.0





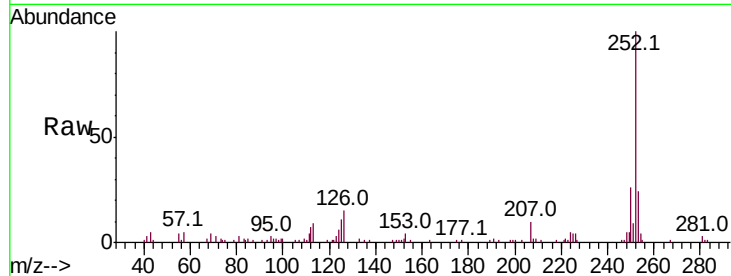
#89
Benzo(a)pyrene
Concen: 5.344 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Instrument :
BNA_F
ClientSampled :
FL-PIT-3

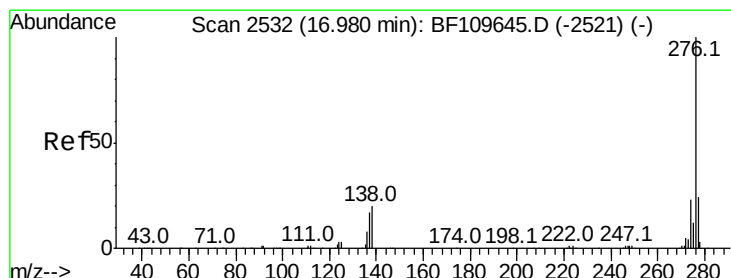
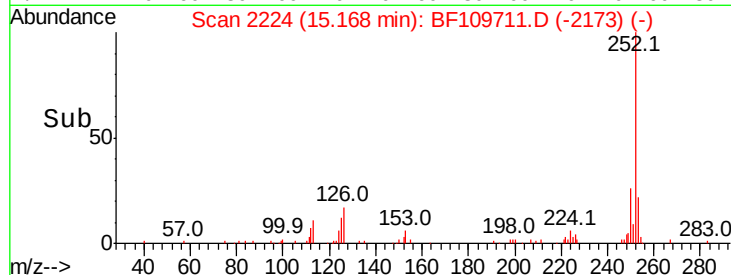
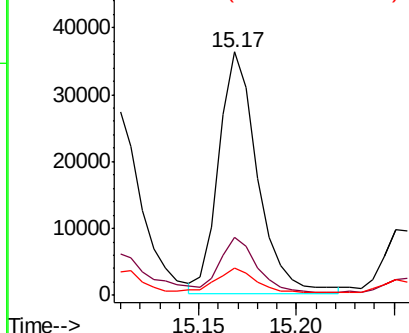
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	11.4	9.0	13.6

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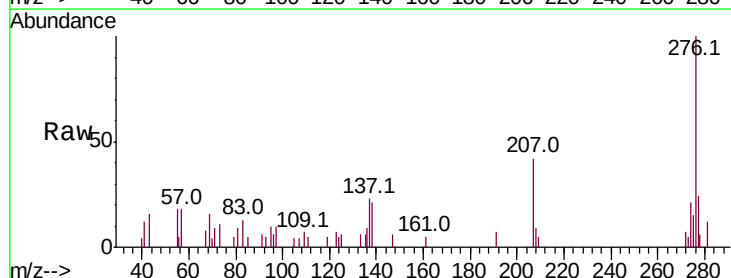


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.814 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF109711.D
Acq: 9 Oct 2018 22:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.2	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

