

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109757.D
 Acq On : 10 Oct 2018 22:09
 Operator : JU/SJ
 Sample : J5200-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100818-B

Manual Integrations
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Sohil
 10/11/2018 2:02:56 PM

Quant Time: Oct 11 10:24:49 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	82987	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	358895	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	174238	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	312222	20.00	ng	0.00
75) Chrysene-d12	13.83	240	227458	20.00	ng	0.00
86) Perylene-d12	15.23	264	217955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	170034	36.37	ng	-0.01
7) Phenol-d6	6.34	99	265731	42.55	ng	-0.02
23) Nitrobenzene-d5	7.26	82	168998	25.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	69812	36.77	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	346151	27.36	ng	-0.01
78) Terphenyl-d14	12.78	244	280292	23.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	45376	3.551	ng	99
70) Phenanthrene	11.22	178	109105	6.983	ng	98
74) Fluoranthene	12.41	202	110028	6.741	ng	99
77) Pyrene	12.63	202	113952	6.838	ng	98
80) Benzo(a)anthracene	13.82	228	40730	3.245	ng	95
82) Chrysene	13.85	228	46722	3.544	ng	96
87) Benzo(b)fluoranthene	14.83	252	41886m	3.478	ng	
89) Benzo(a)pyrene	15.17	252	34748	3.179	ng	# 91
91) Benzo(g,h,i)perylene	16.98	276	21569	2.406	ng	92

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

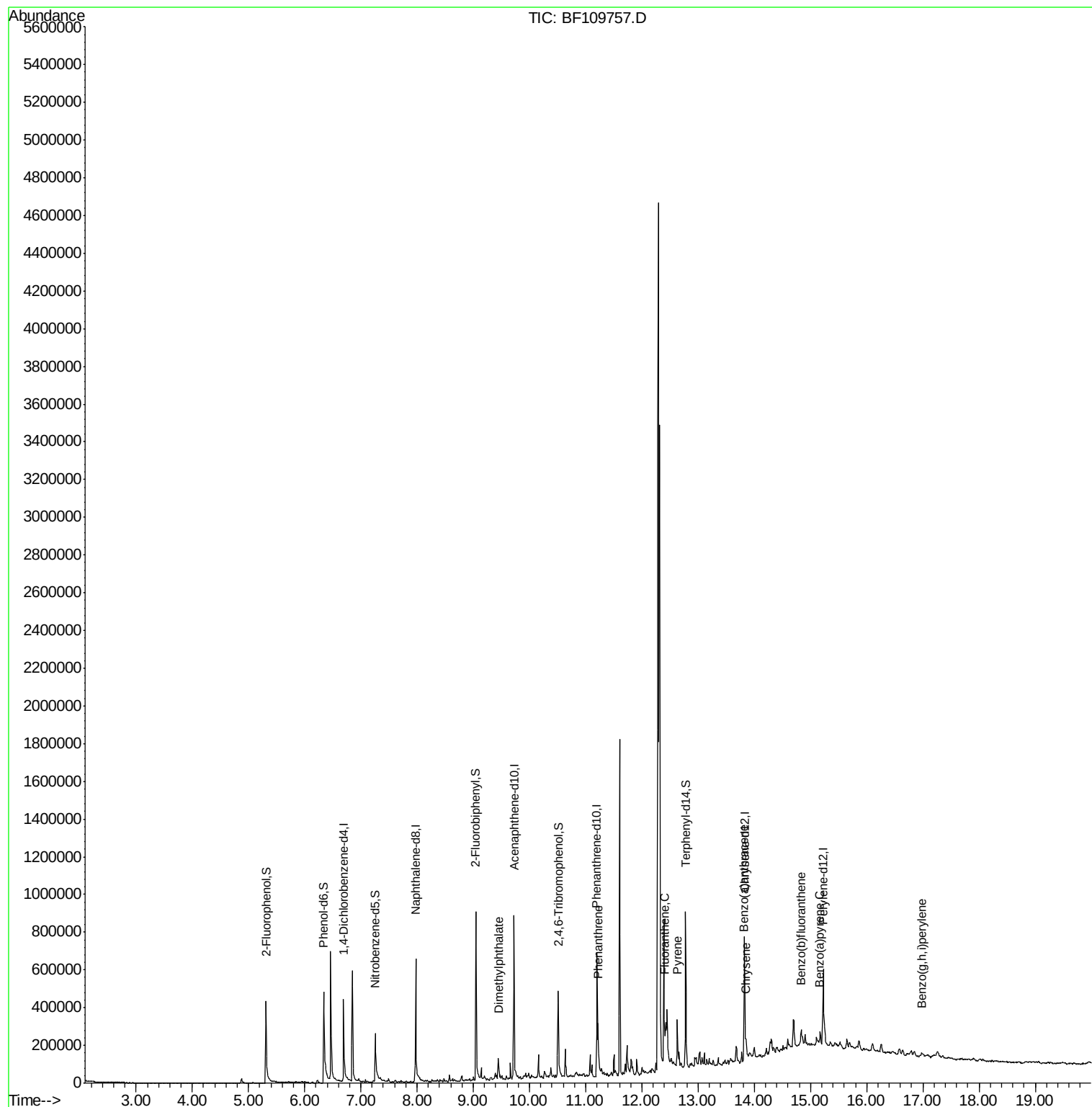
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109757.D
Acq On : 10 Oct 2018 22:09
Operator : JU/SJ
Sample : J5200-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

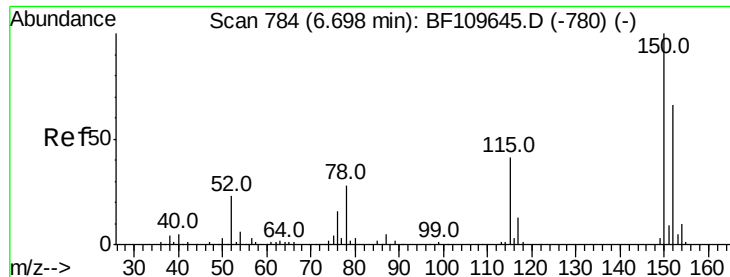
Instrument :
BNA_F
ClientSampleId :
OR-03-100818-B

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#1

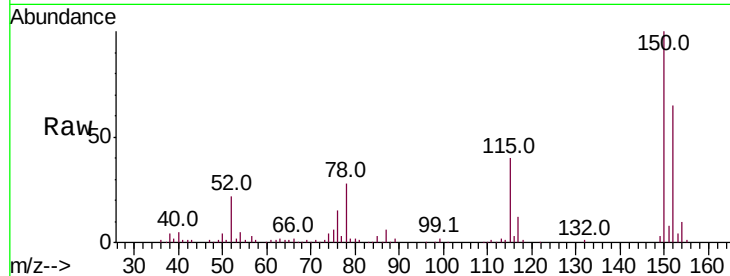
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
OR-03-100818-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.7	184.1
115	61.8	49.1	73.7

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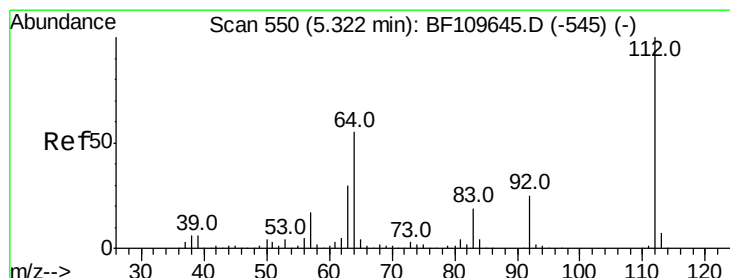
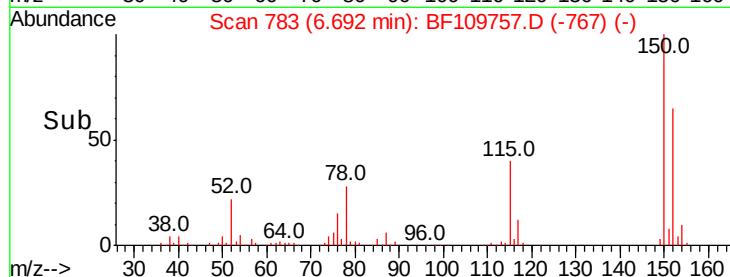
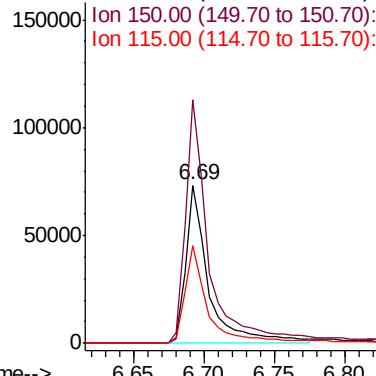


Abundance

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: 36.369 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

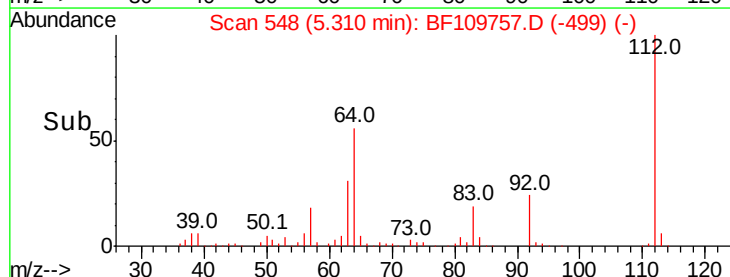
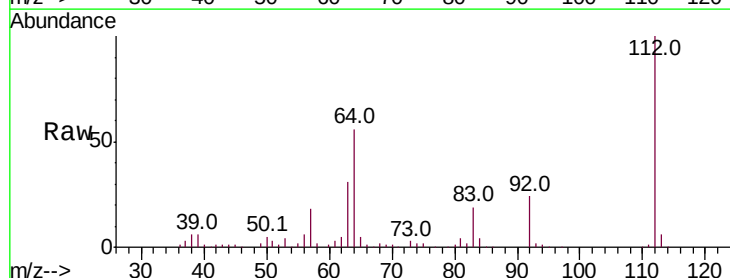
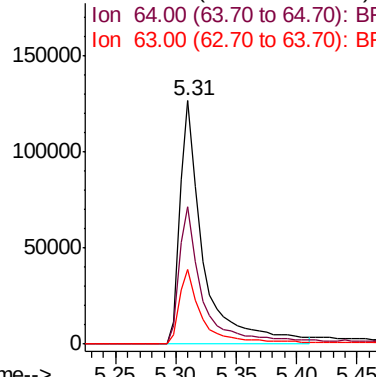
Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.1	66.1
63	30.5	23.7	35.5

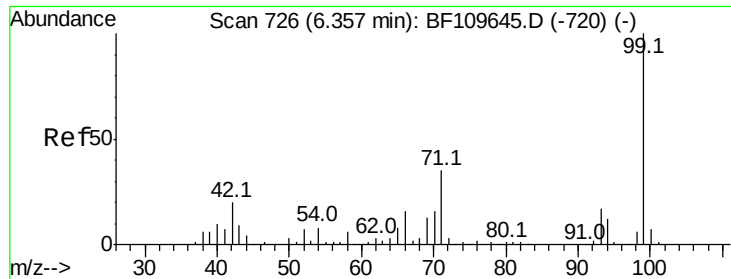
Abundance

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: 42.547 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109757.D

Acq: 10 Oct 2018 22:09

Instrument :

BNA_F

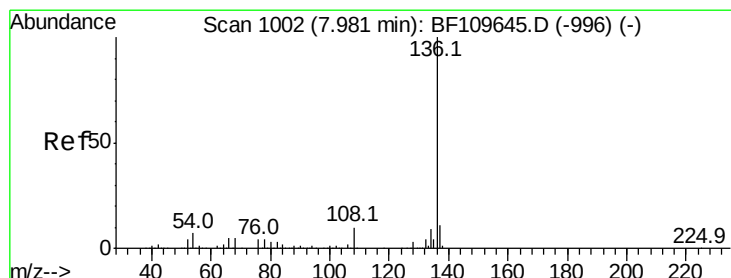
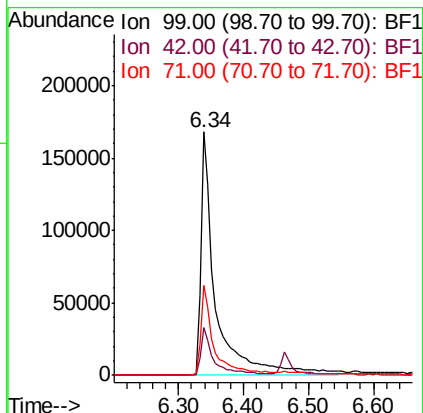
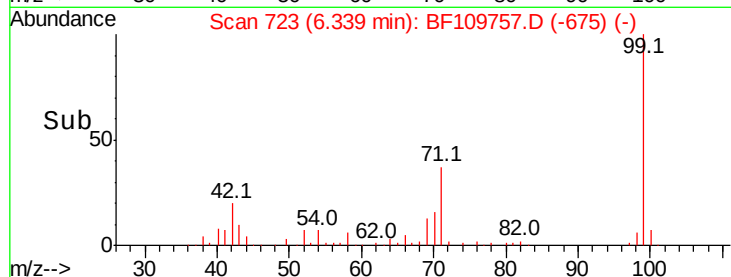
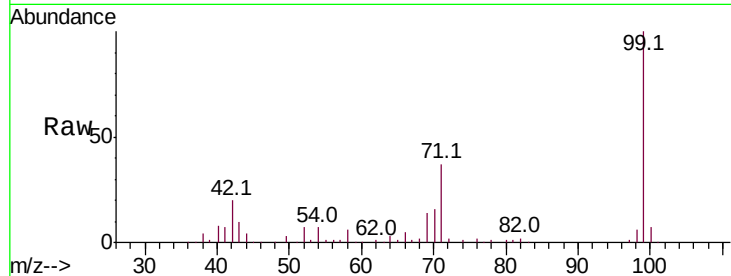
ClientSampleId :

OR-03-100818-B

Tot Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	37.0	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

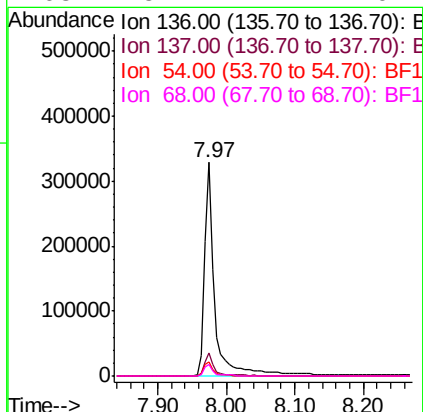
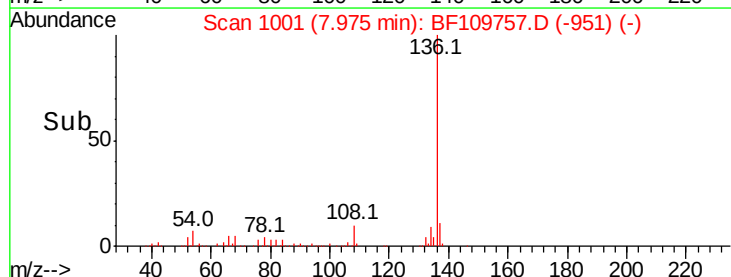
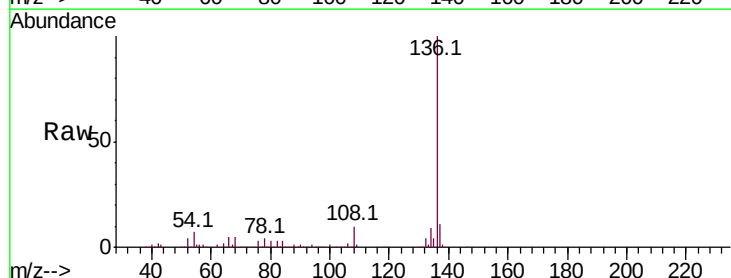
RT: 7.97 min Scan# 1001

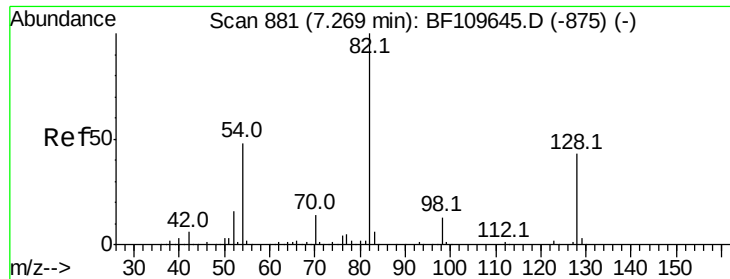
Delta R.T. -0.01 min

Lab File: BF109757.D

Acq: 10 Oct 2018 22:09

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.7	5.4	8.2
68	5.1	4.2	6.2





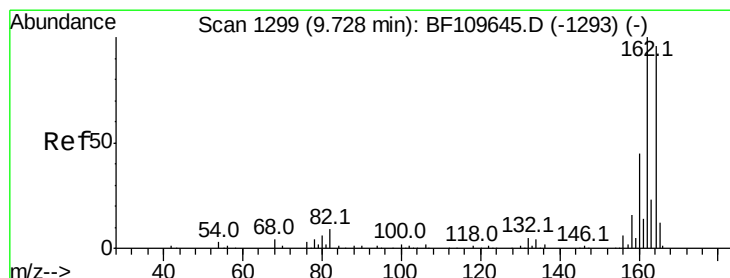
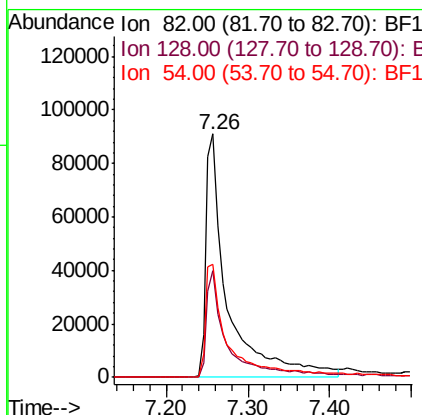
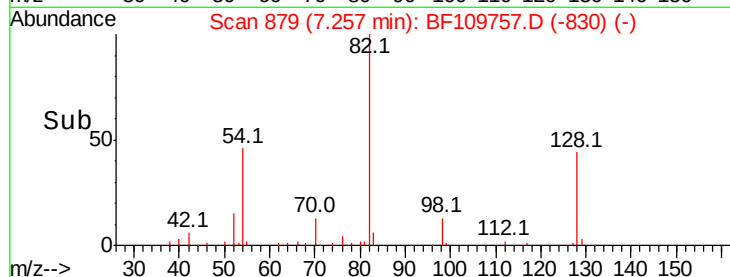
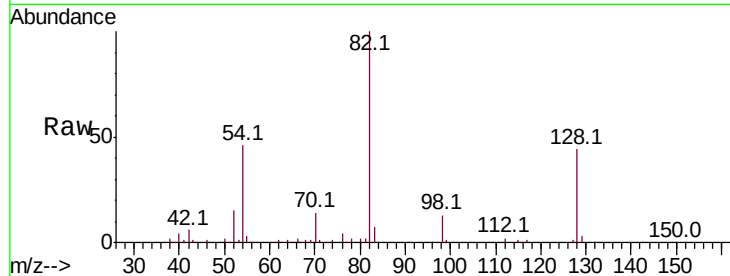
#23
 Nitrobenzene-d5
 Concen: 25.957 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109757.D
 Acq: 10 Oct 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100818-B

Tot Ion:	82	Resp:	168998
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.2	51.2
54	46.3	38.6	58.0

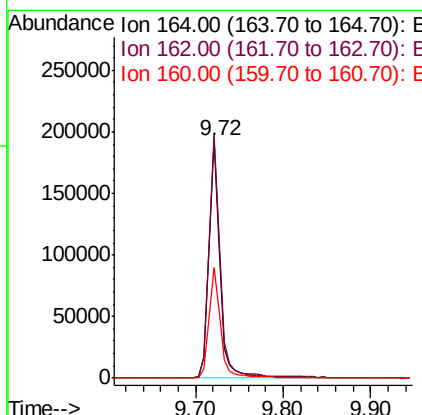
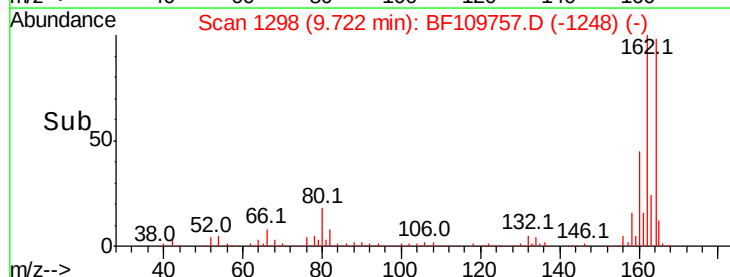
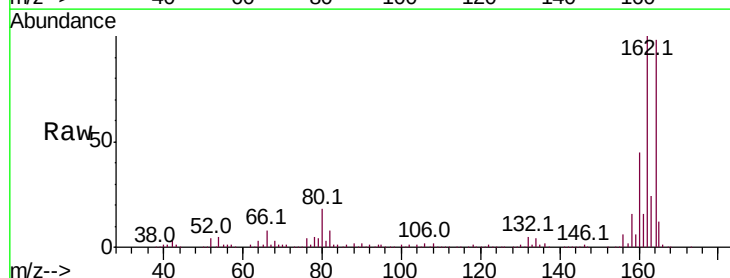
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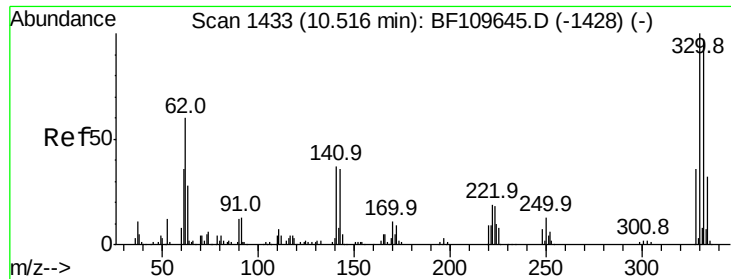
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109757.D
 Acq: 10 Oct 2018 22:09

Tgt Ion:	164	Resp:	174238
Ion Ratio	Lower	Upper	
164	100		
162	102.4	83.0	124.6
160	46.3	37.0	55.6





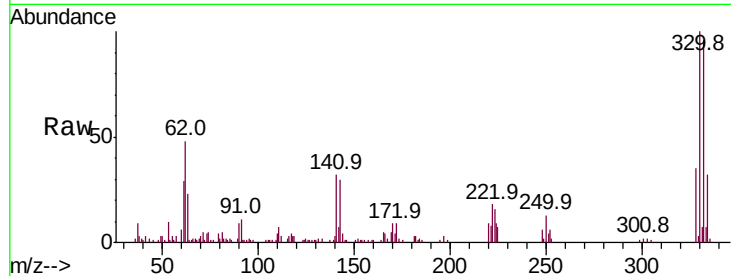
#41
 2,4,6-Tribromophenol
 Concen: 36.772 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109757.D
 Acq: 10 Oct 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100818-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.1	115.7
141	38.8	27.0	40.4

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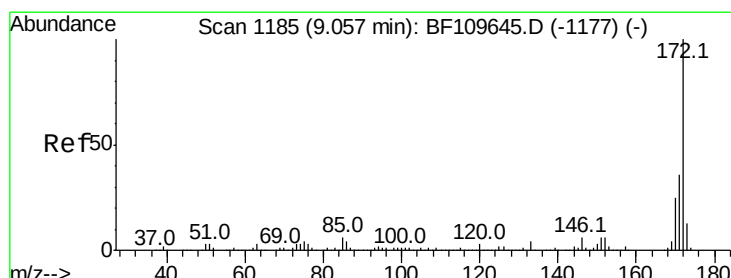
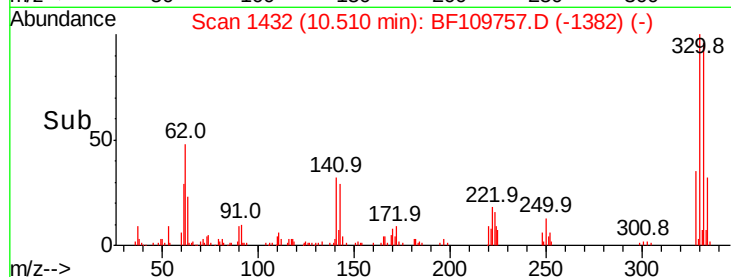
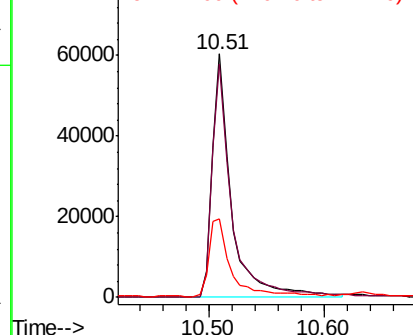


Abundance

Ion 329.80 (329.50 to 330.50): E

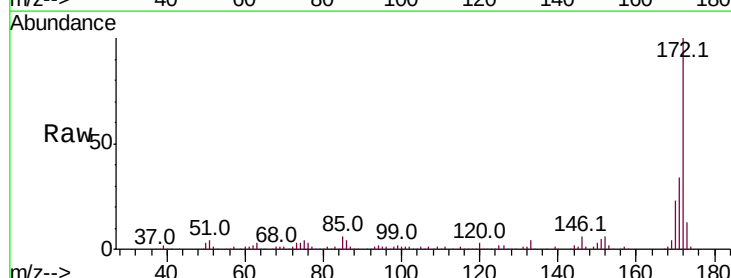
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 27.361 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF109757.D
 Acq: 10 Oct 2018 22:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.4	19.7	29.5

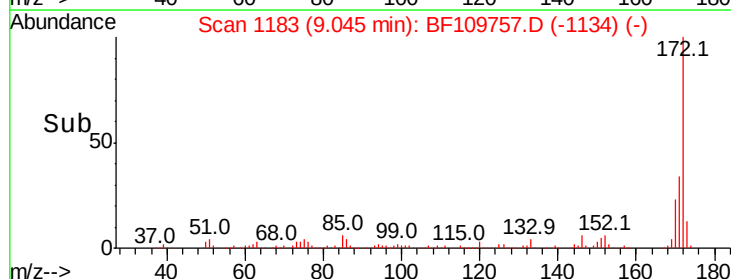
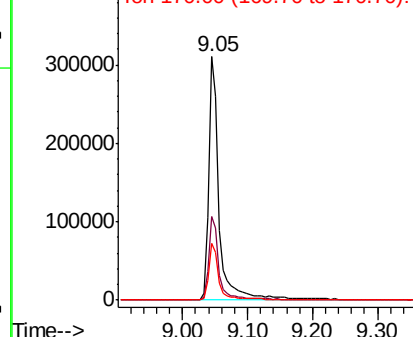


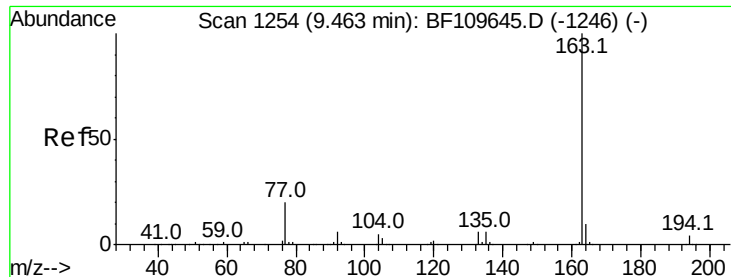
Abundance

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





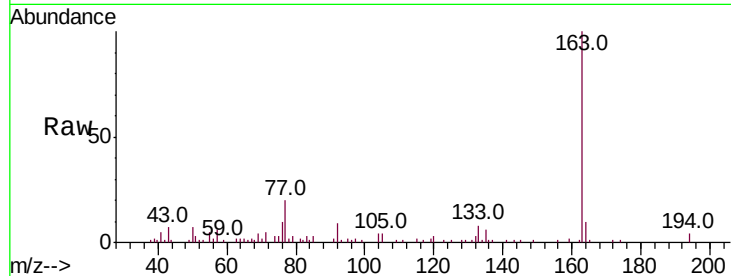
#49
Dimethylphthalate
Concen: 3.551 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
OR-03-100818-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.3	8.1	12.1

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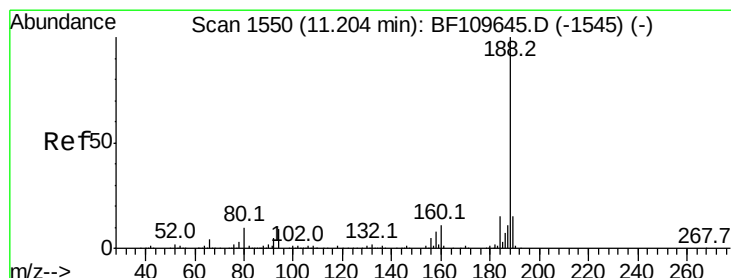
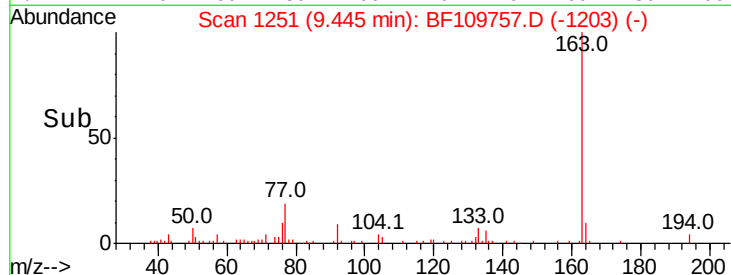
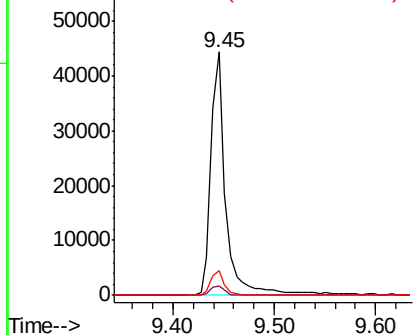


Abundance

Ion 163.00 (162.70 to 163.70): E

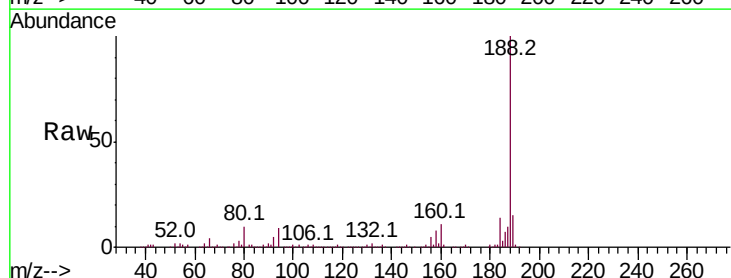
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.4	7.9	11.9

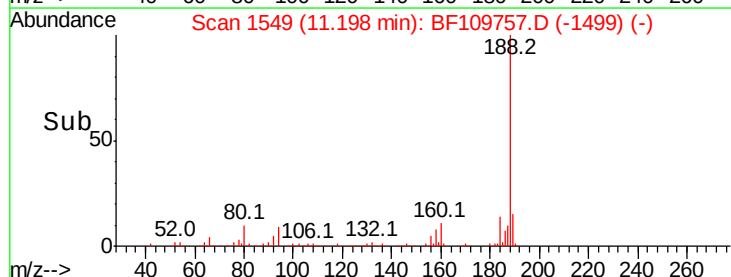
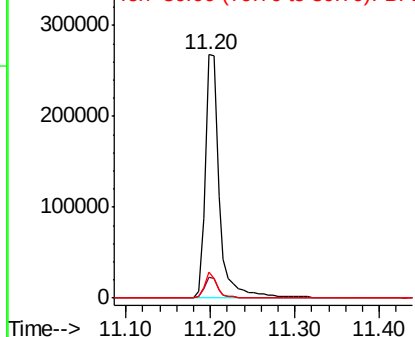


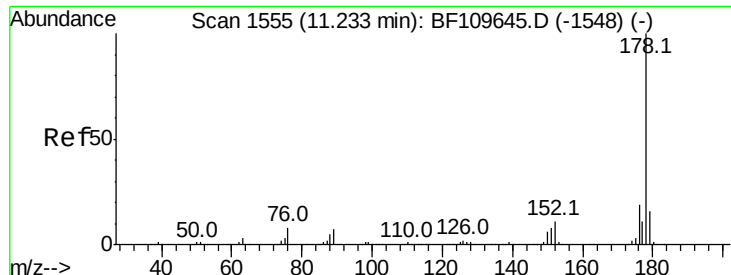
Abundance

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





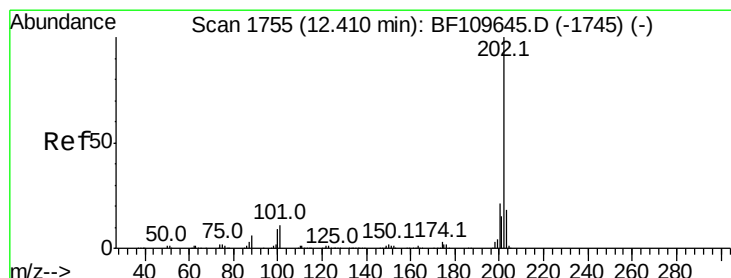
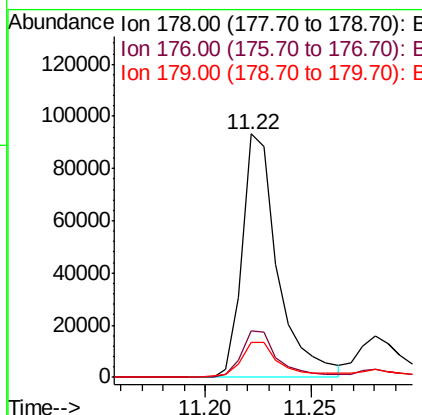
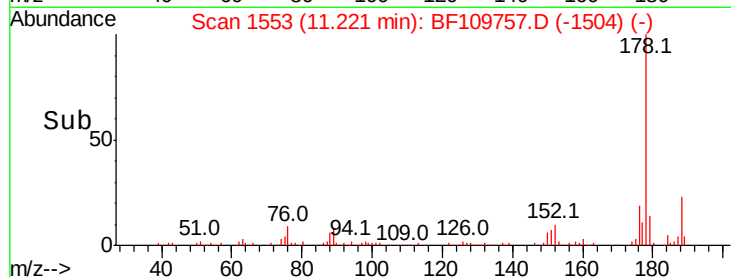
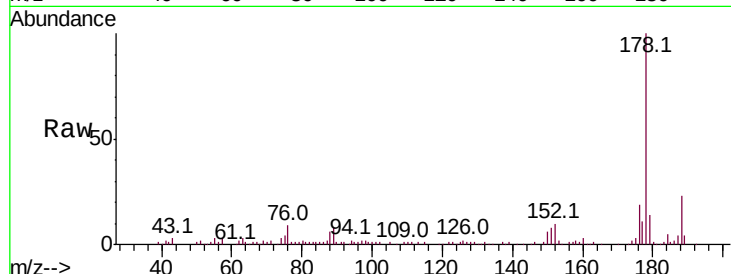
#70
Phenanthrene
Concen: 6.983 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
OR-03-100818-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	14.2	12.5	18.7

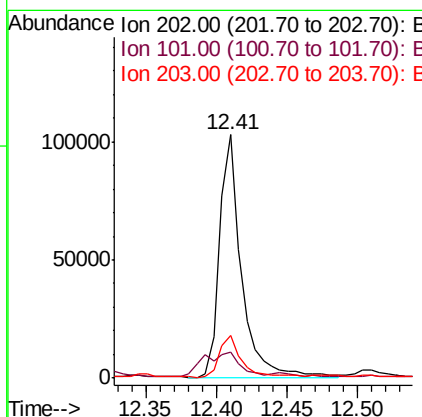
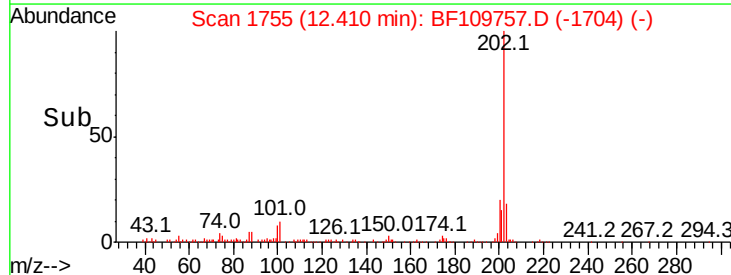
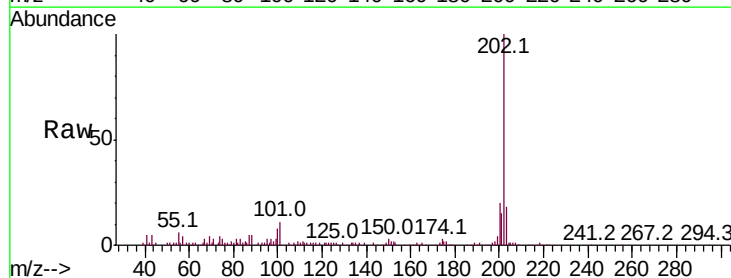
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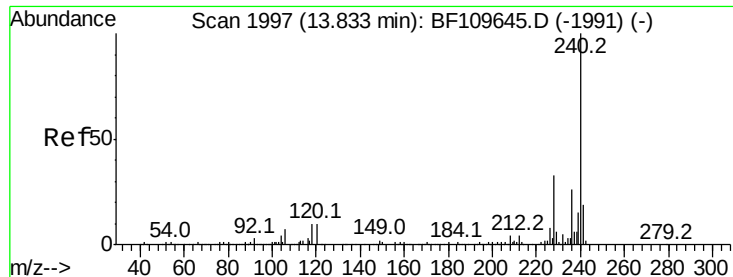
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#74
Fluoranthene
Concen: 6.741 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.6	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109757.D

Acq: 10 Oct 2018 22:09

Instrument :

BNA_F

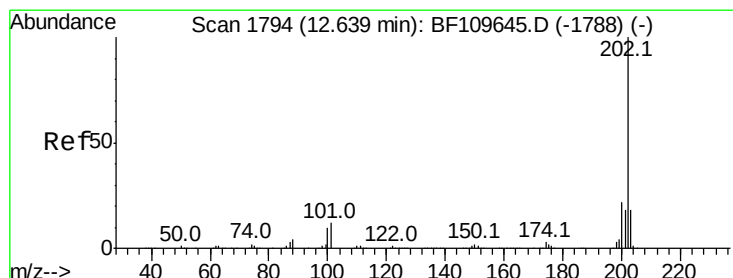
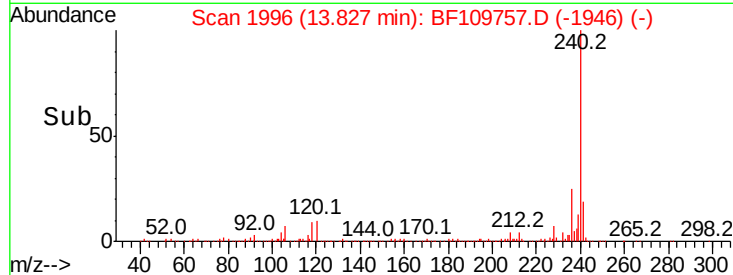
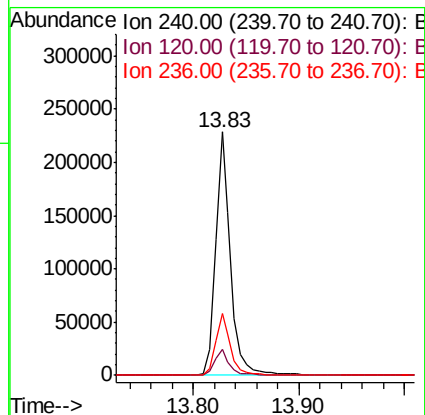
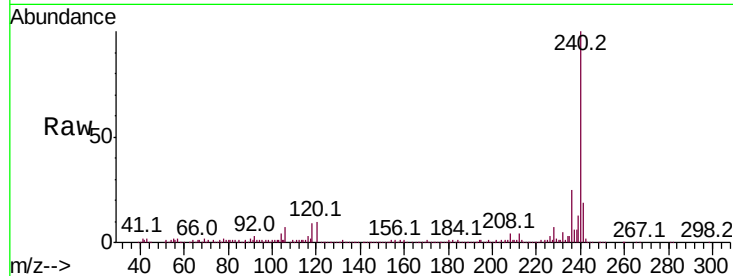
ClientSampleId :

OR-03-100818-B

Tot Ion:	240	Resp:	227458
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.3	12.5
236	25.4	21.2	31.8

Manual Integrations
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#77

Pyrene

Concen: 6.838 ng

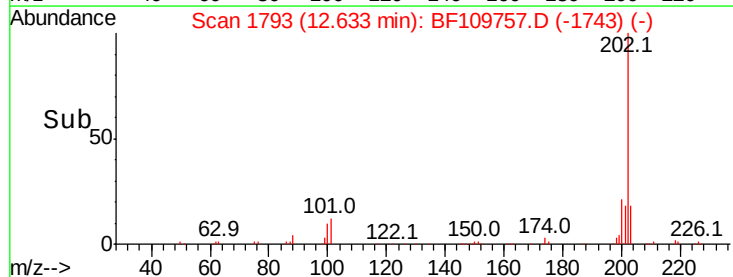
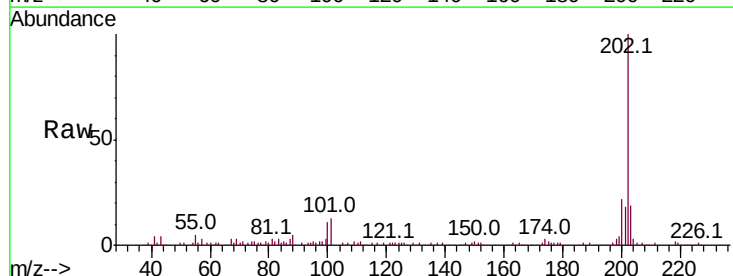
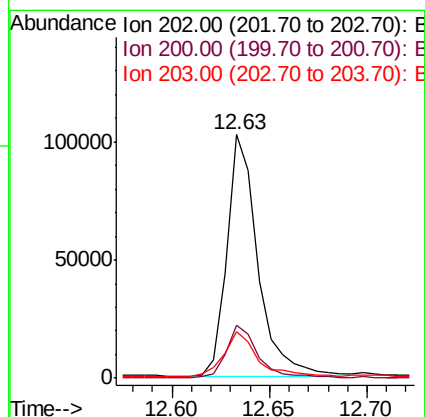
RT: 12.63 min Scan# 1793

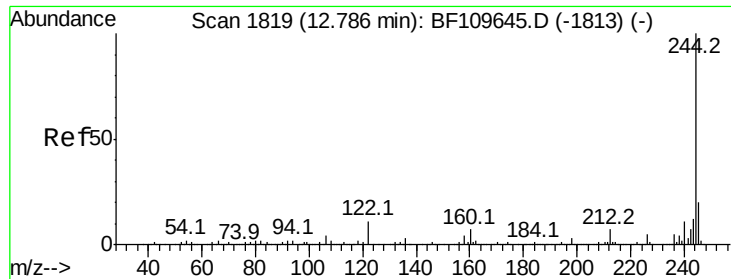
Delta R.T. -0.01 min

Lab File: BF109757.D

Acq: 10 Oct 2018 22:09

Tgt Ion:	202	Resp:	113952
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.8	26.6
203	18.9	14.2	21.4





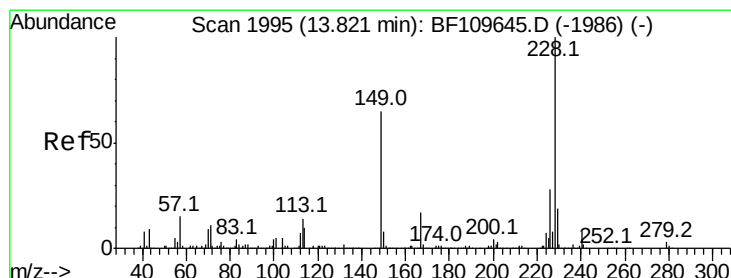
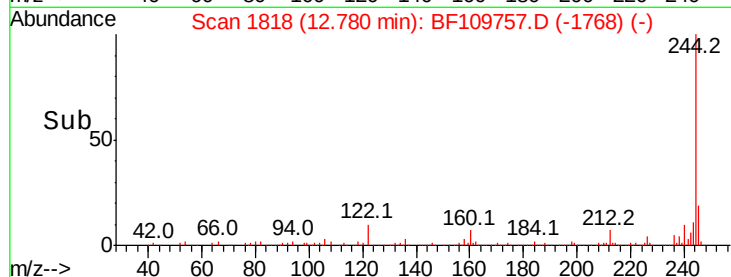
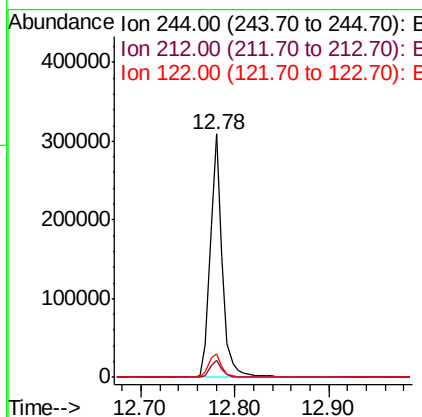
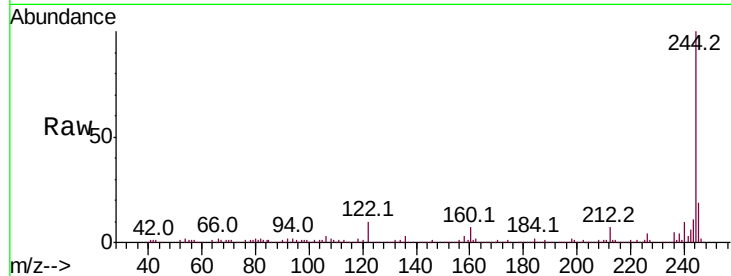
#78
 Terphenyl-d14
 Concen: 23.855 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109757.D
 Acq: 10 Oct 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100818-B

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	5.8	8.8	
122	9.7	8.7	13.1	

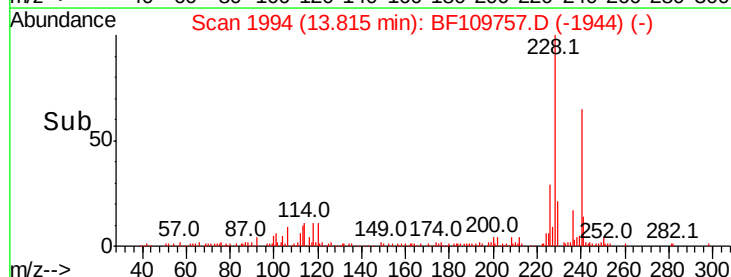
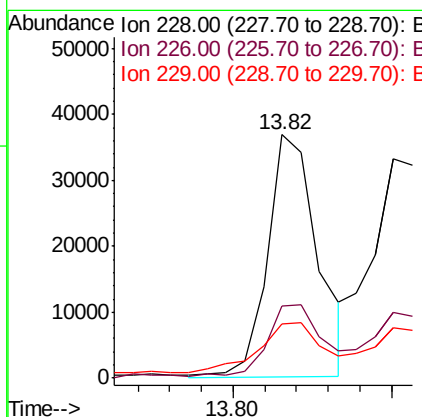
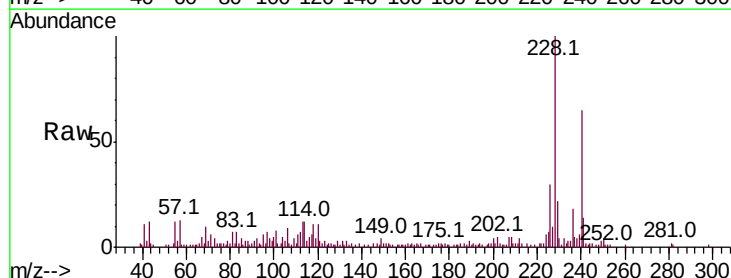
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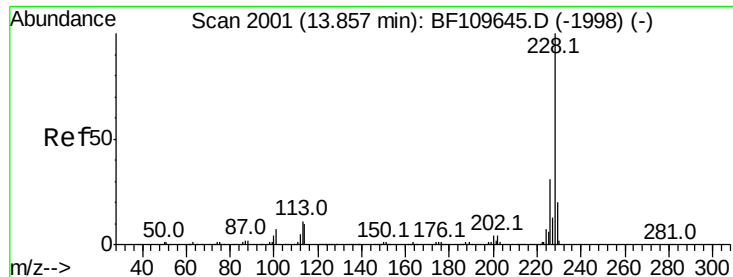
Sohil
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#80
 Benzo(a)anthracene
 Concen: 3.245 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF109757.D
 Acq: 10 Oct 2018 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.8	22.1	33.1	
229	22.1	15.6	23.4	





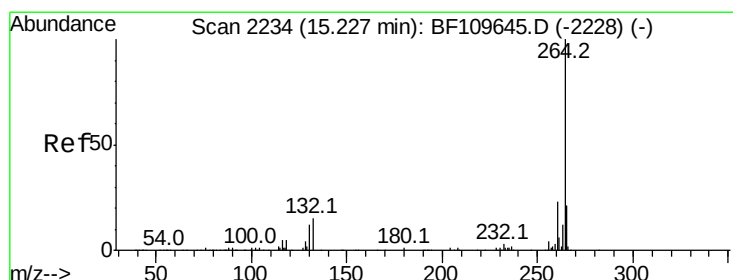
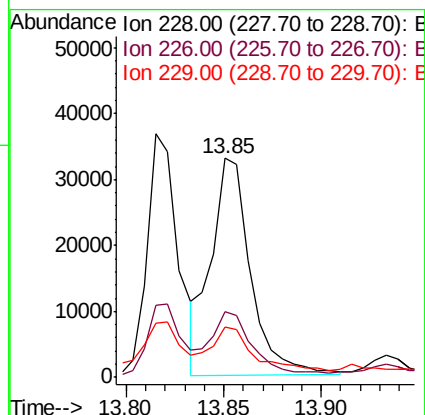
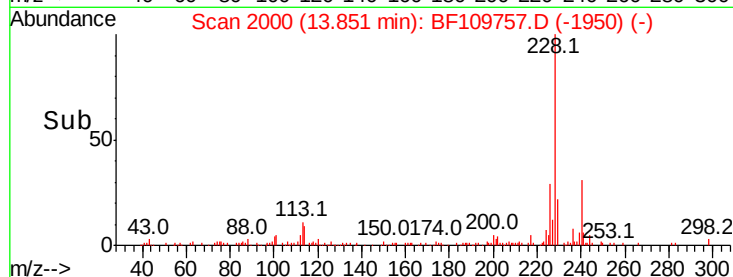
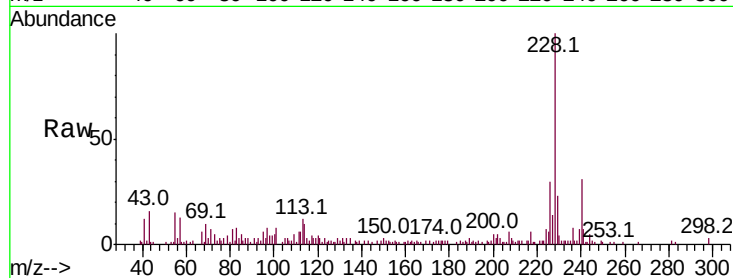
#82
Chrysene
Concen: 3.544 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
OR-03-100818-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	23.3	15.9	23.9

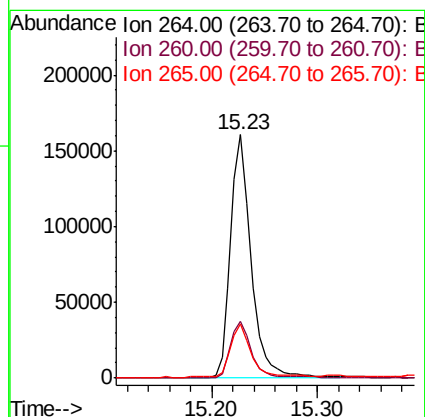
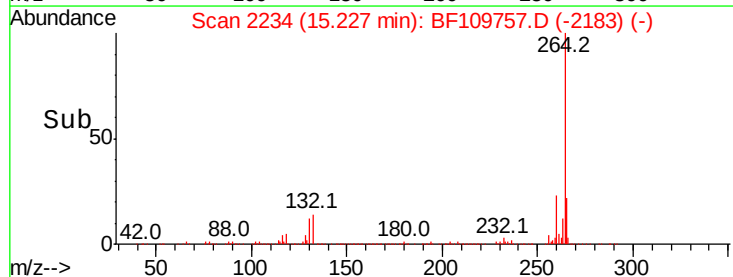
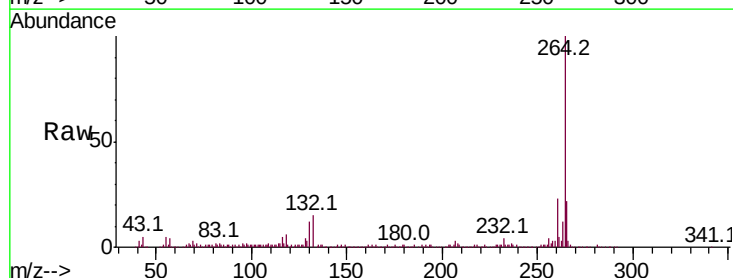
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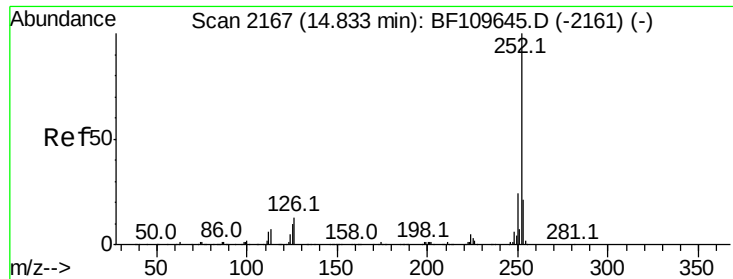
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.0	16.7	25.1





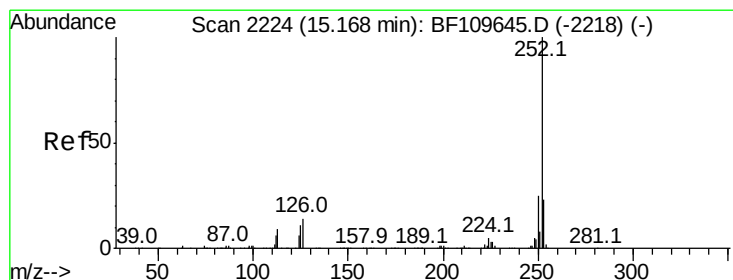
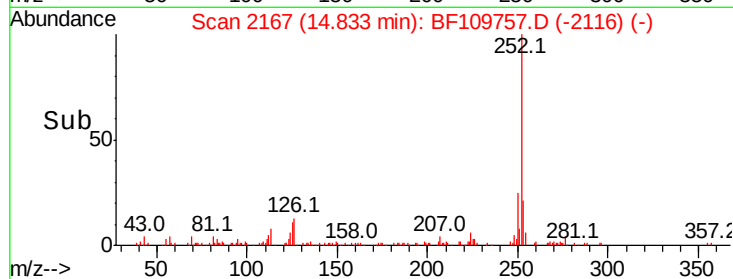
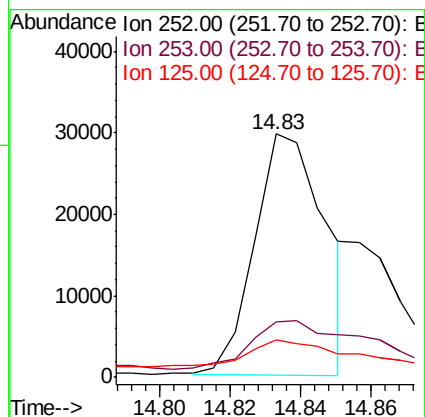
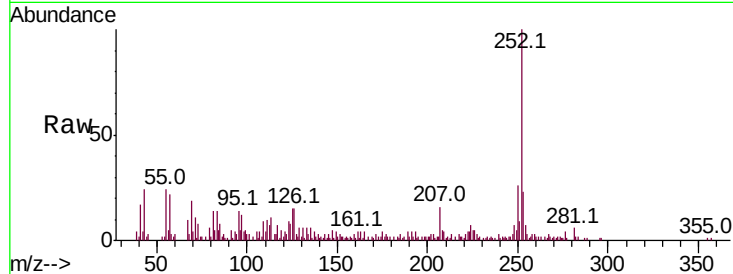
#87
Benzo(b)fluoranthene
Concen: 3.478 ng/mL
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
OR-03-100818-B

Tot Ion:	252	Resp:	41886
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	15.4	8.2	12.4

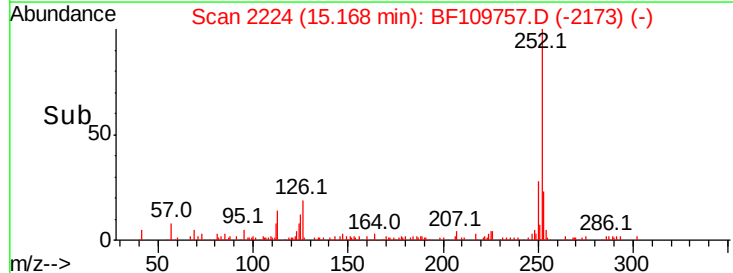
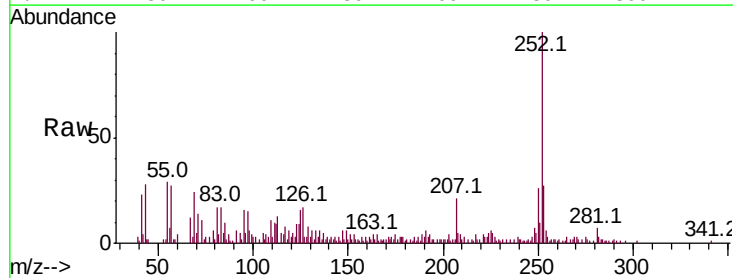
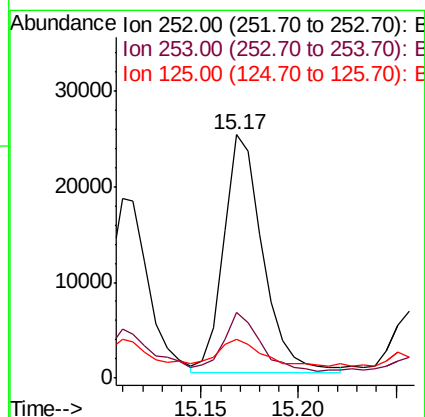
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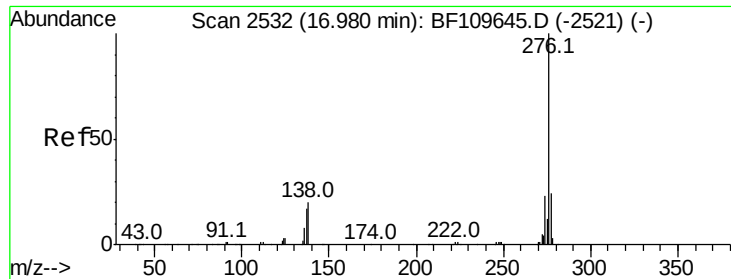
Sohil
10/11/2018 2:02:56 PM



#89
Benzo(a)pyrene
Concen: 3.179 ng/mL
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109757.D
Acq: 10 Oct 2018 22:09

Tgt Ion:	252	Resp:	34748
Ion Ratio	Lower	Upper	
252	100		
253	26.8	18.2	27.4
125	15.8	9.0	13.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.406 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BF109757.D
 Acq: 10 Oct 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100818-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.8	28.2
138	23.6	16.0	24.0

Manual Integrations
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Sohil
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