

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109502.D
 Acq On : 2 Oct 2018 15:37
 Operator : JU/SJ
 Sample : J5200-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-100118-B

Manual Integrations
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Sohil
 10/3/2018 9:31:04 AM

Quant Time: Oct 03 04:12:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	109302	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	426778	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	193977	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	312625	20.00	ng	0.00
75) Chrysene-d12	13.84	240	253812	20.00	ng	0.00
86) Perylene-d12	15.24	264	251620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	194159	29.26	ng	0.00
7) Phenol-d6	6.35	99	270036	31.89	ng	-0.01
23) Nitrobenzene-d5	7.26	82	168359	23.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	57513	30.08	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	335413	26.08	ng	-0.02
78) Terphenyl-d14	12.79	244	244592	23.65	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	29469	2.089	ng	100
70) Phenanthrene	11.23	178	77773	4.982	ng	99
74) Fluoranthene	12.42	202	101746	6.099	ng	98
77) Pyrene	12.64	202	114548	6.297	ng	97
80) Benzo(a)anthracene	13.83	228	55441m	3.626	ng	
82) Chrysene	13.86	228	52318	3.453	ng	96
87) Benzo(b)fluoranthene	14.84	252	65211m	4.716	ng	
89) Benzo(a)pyrene	15.18	252	47167	3.786	ng	95
91) Benzo(g,h,i)perylene	17.00	276	25674	2.556	ng	# 90

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

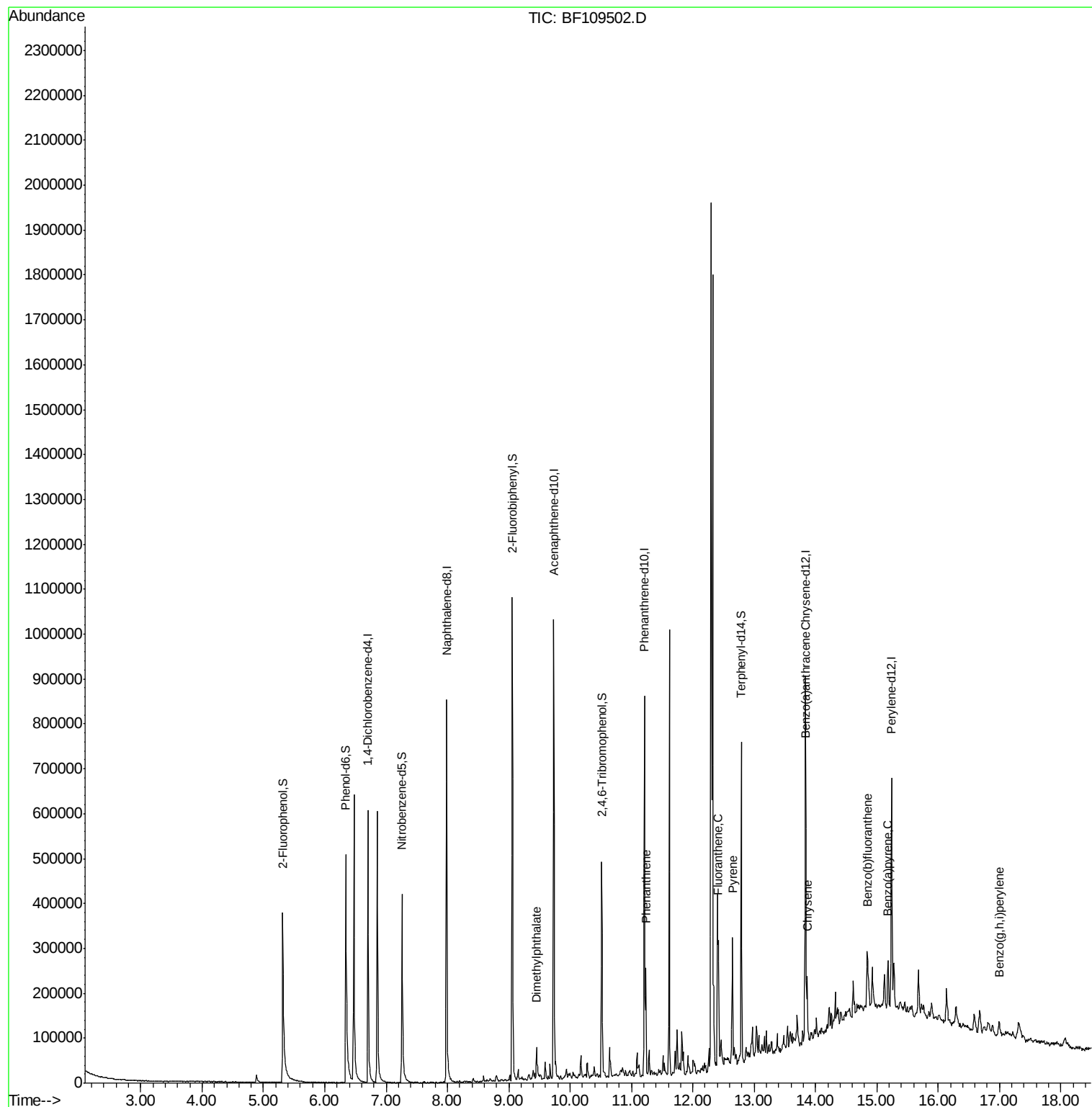
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
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Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

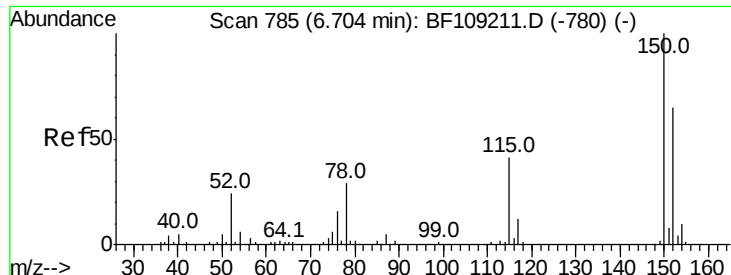
Instrument :
BNA_F
ClientSampleId :
OR-02-100118-B

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#1

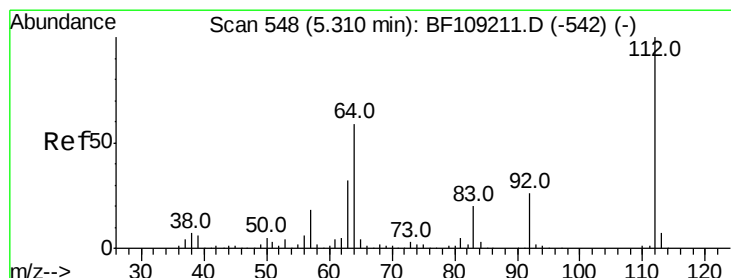
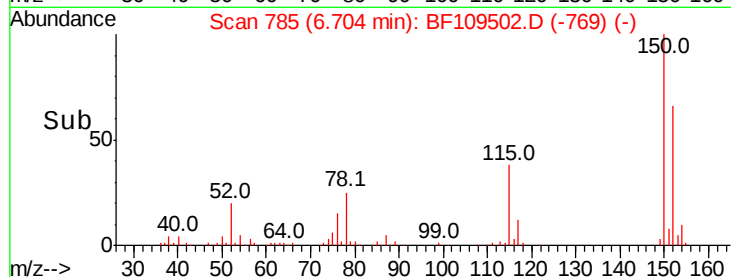
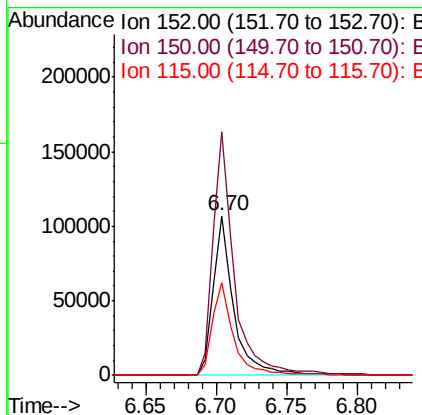
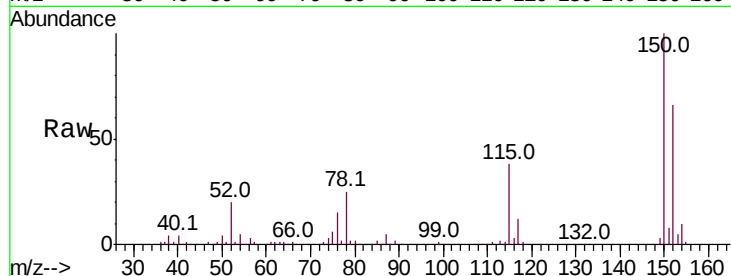
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109502.D
Acq: 2 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :
OR-02-100118-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	58.3	50.1	75.1

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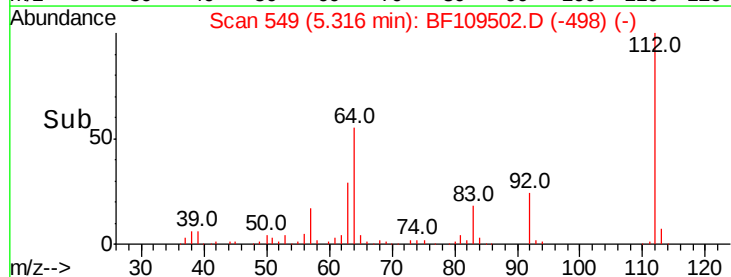
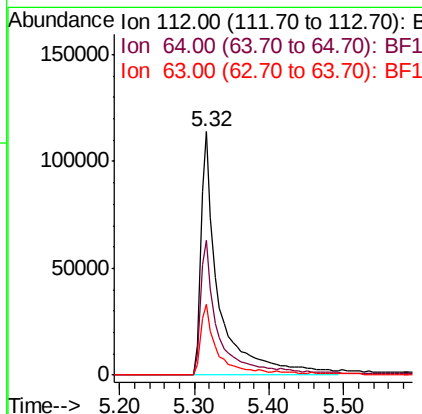
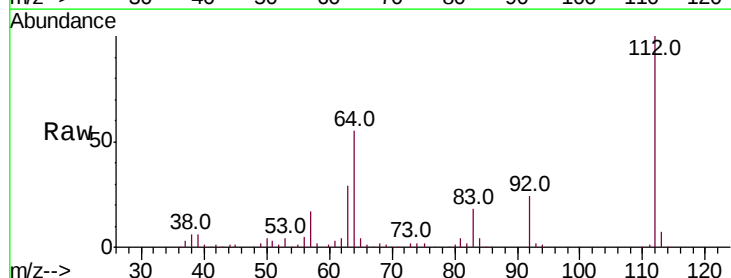
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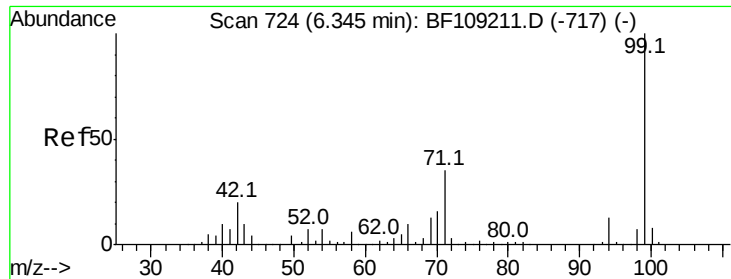


#5

2-Fluorophenol
Concen: 29.258 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109502.D
Acq: 2 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 31.889 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109502.D

Acq: 2 Oct 2018 15:37

Instrument :

BNA_F

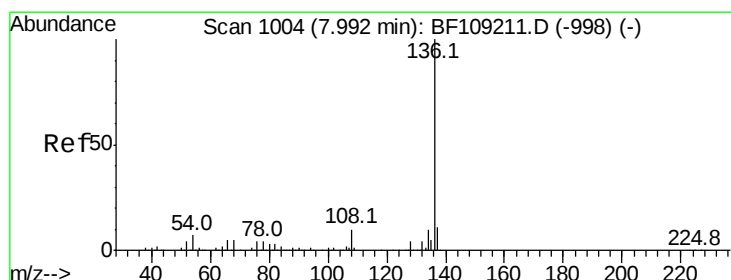
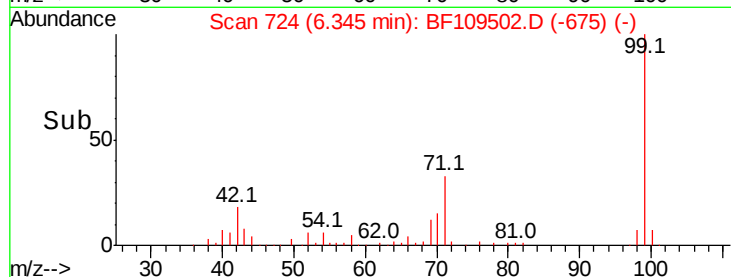
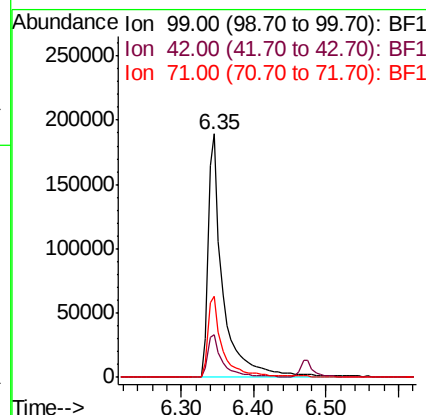
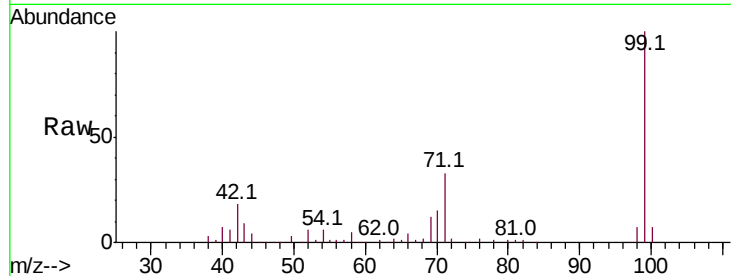
ClientSampled :

OR-02-100118-B

Tot Ion	99	Resp	270036
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.5	21.7
71	33.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

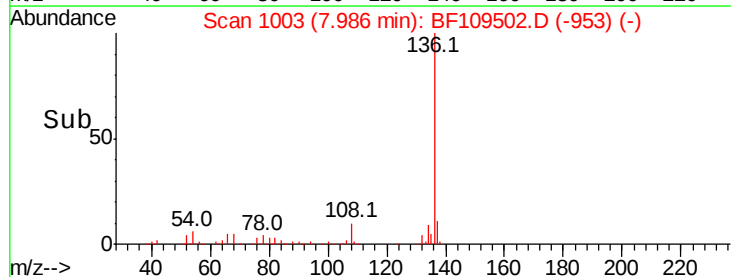
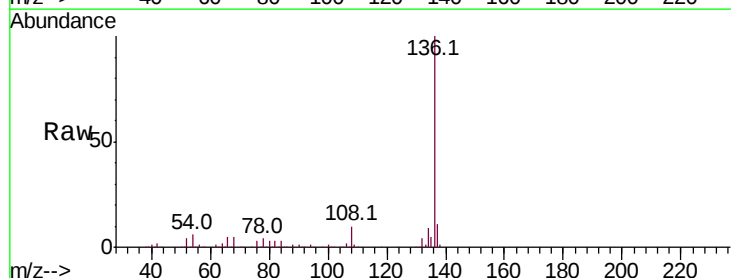
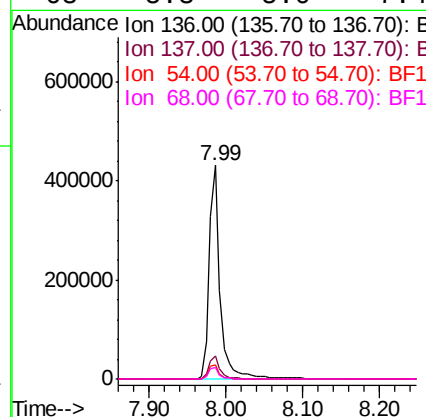
RT: 7.99 min Scan# 1003

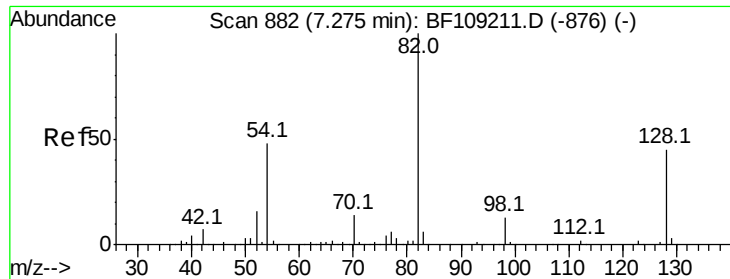
Delta R.T. -0.01 min

Lab File: BF109502.D

Acq: 2 Oct 2018 15:37

Tgt Ion	136	Resp	426778
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.3	5.0	7.4





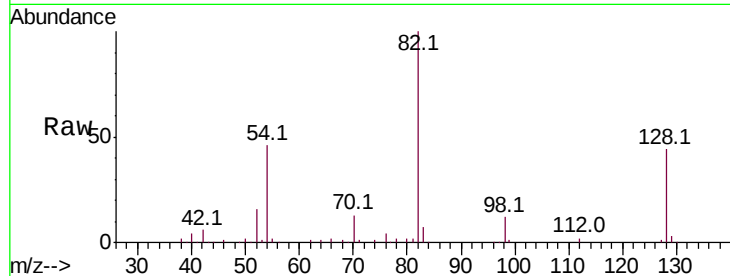
#23
 Nitrobenzene-d5
 Concen: 23.287 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109502.D
 Acq: 2 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-100118-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	46.2	41.4	62.2

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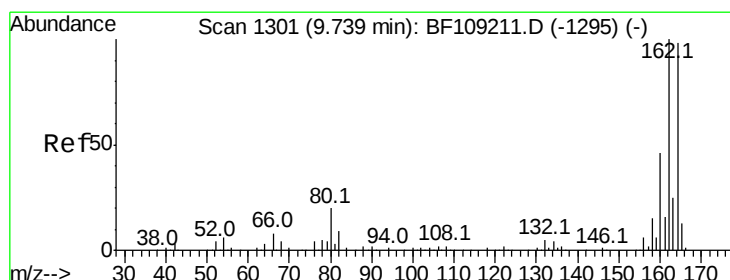
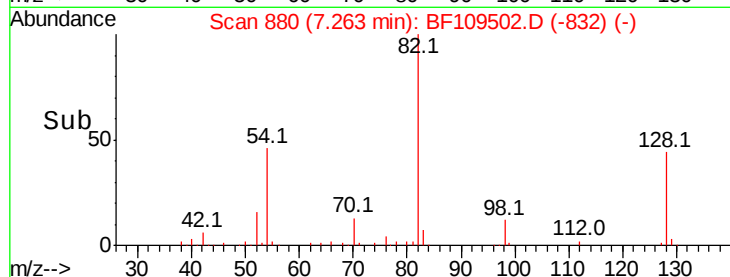
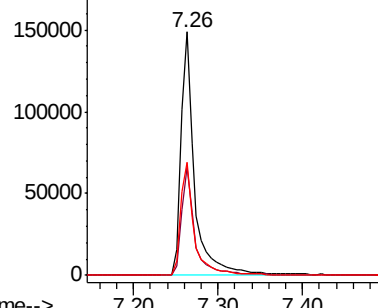


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109502.D
 Acq: 2 Oct 2018 15:37

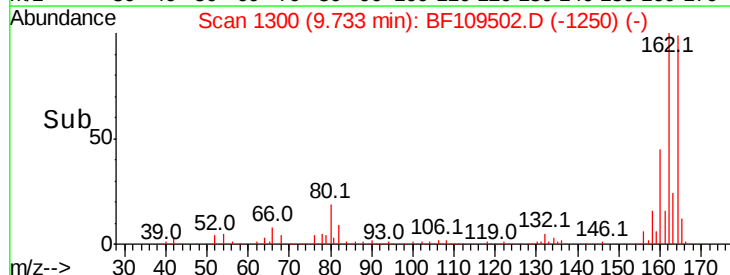
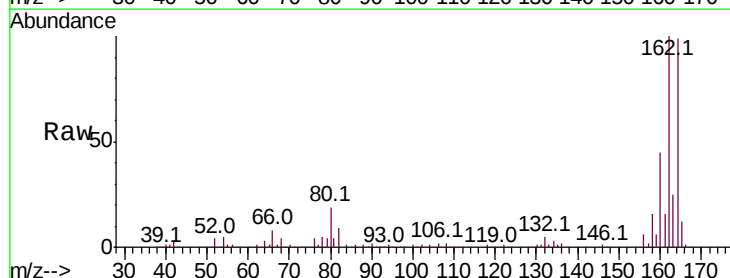
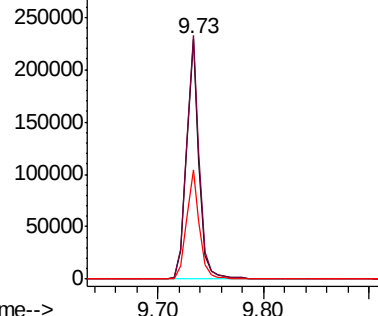
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.8	38.3	57.5

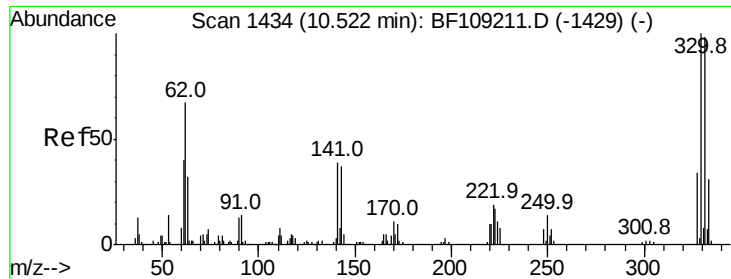
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





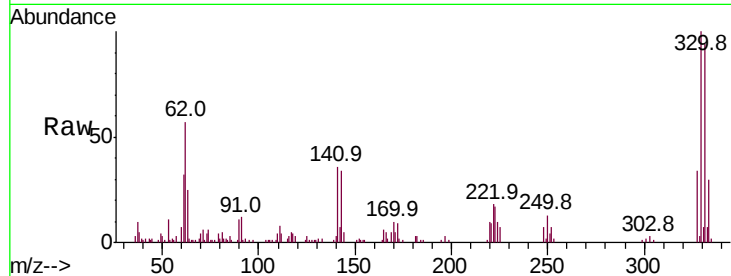
#41
 2,4,6-Tribromophenol
 Concen: 30.077 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109502.D
 Acq: 2 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-100118-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	35.9	29.9	44.9

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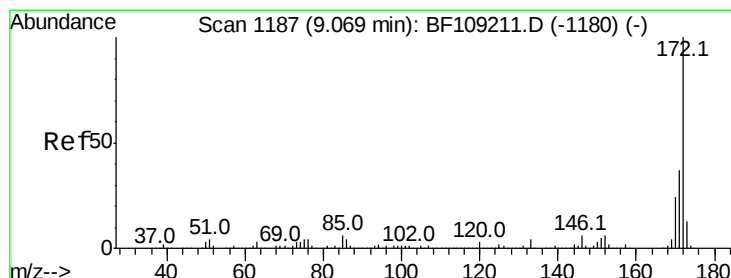
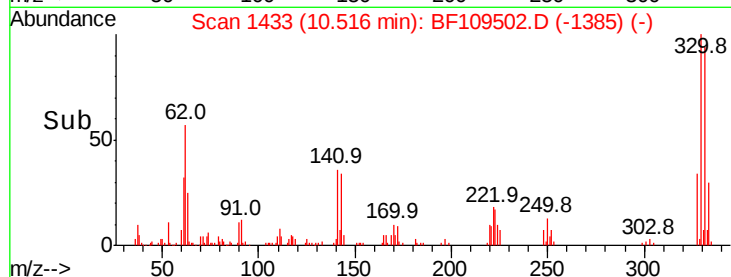
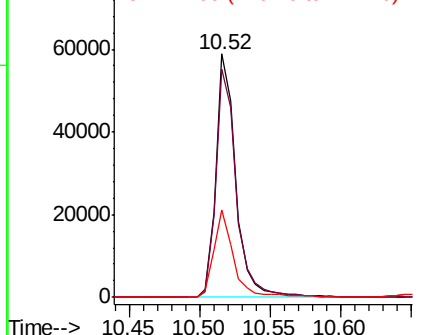


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 26.079 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109502.D
 Acq: 2 Oct 2018 15:37

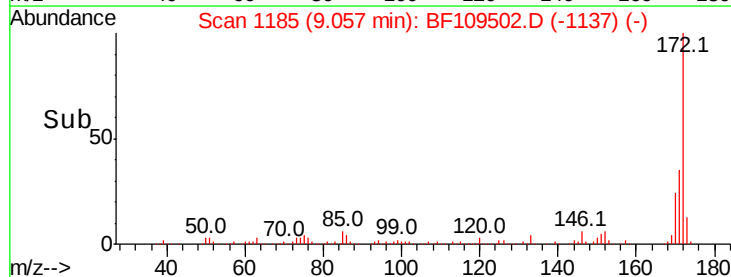
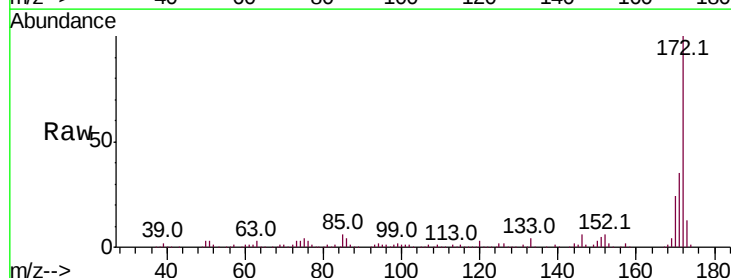
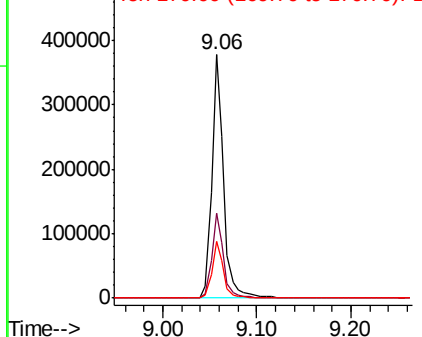
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.5	19.6	29.4

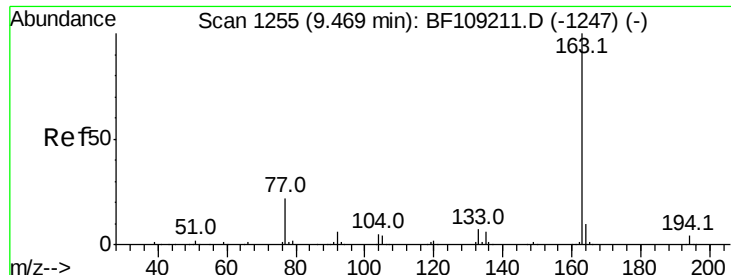
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





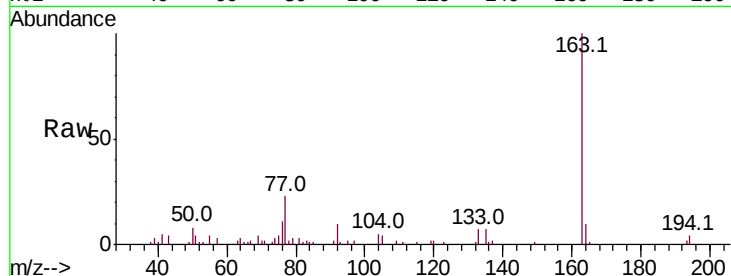
#49
 Dimethylphthalate
 Concen: 2.089 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109502.D
 Acq: 2 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-100118-B

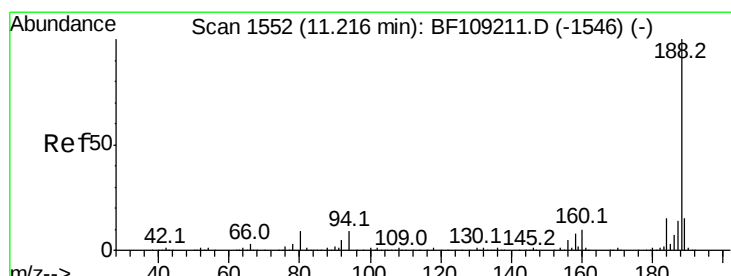
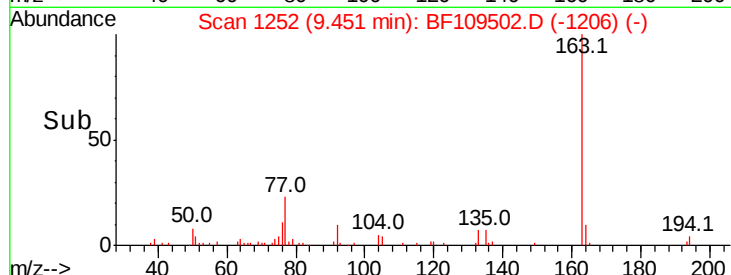
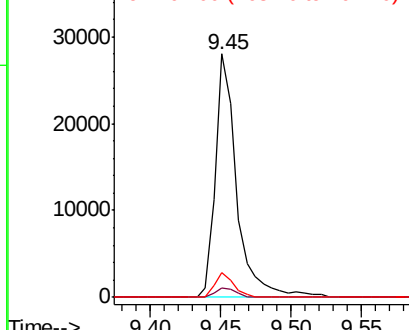
Tot Ion:	163	Resp:	29469
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.2	8.2	12.2

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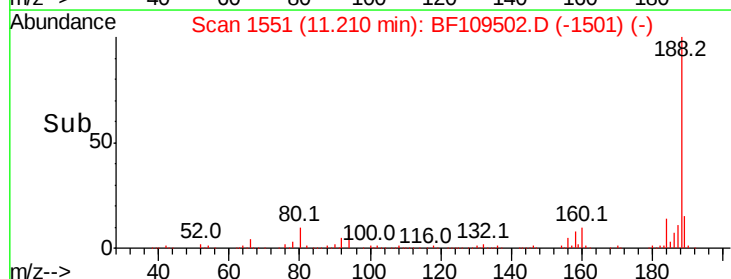
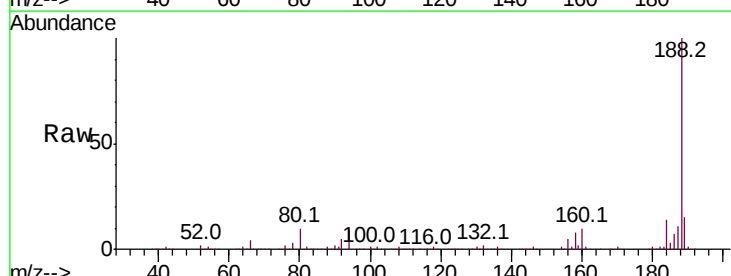
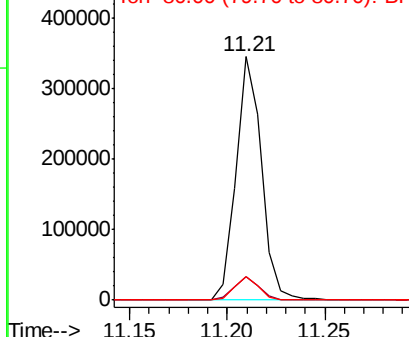
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

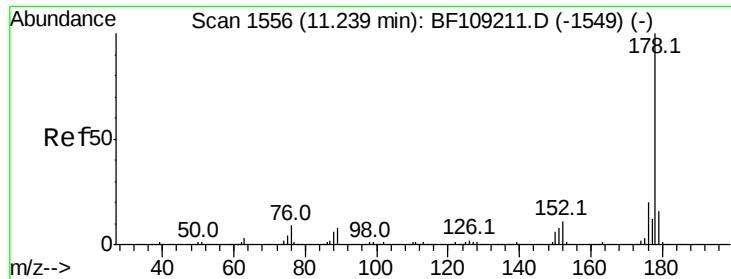


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109502.D
 Acq: 2 Oct 2018 15:37

Tgt Ion:	188	Resp:	312625
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.5	12.7
80	9.9	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





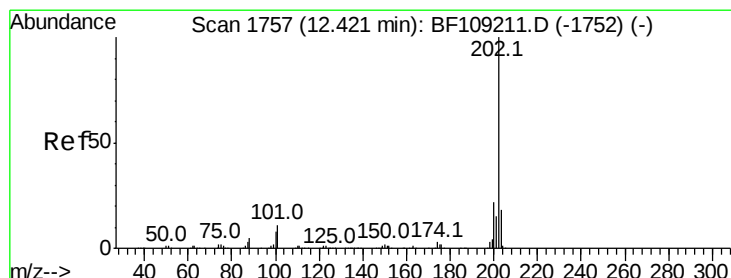
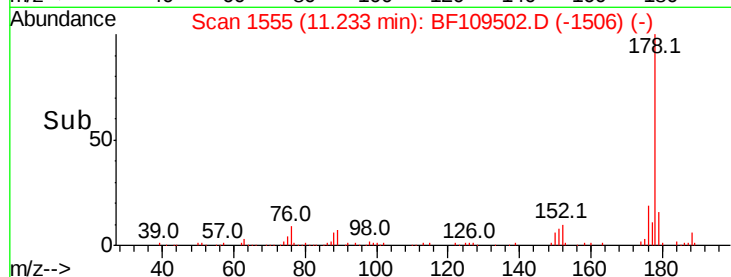
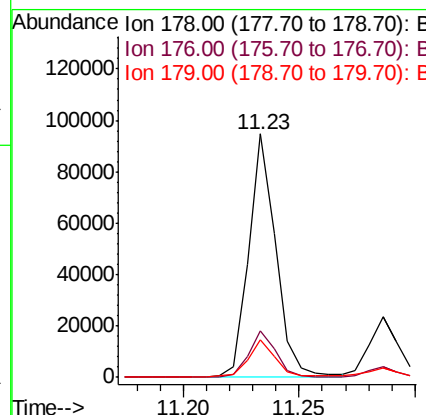
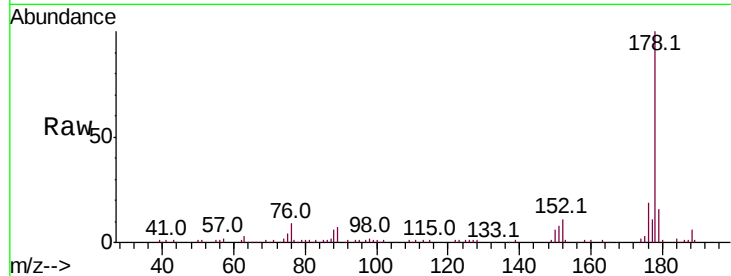
#70
Phenanthrene
Concen: 4.982 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109502.D
Acq: 2 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :
OR-02-100118-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	13.0	19.6

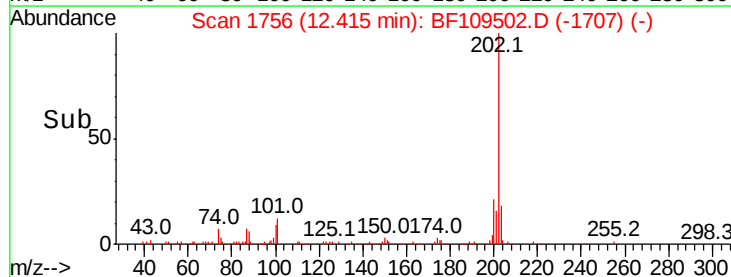
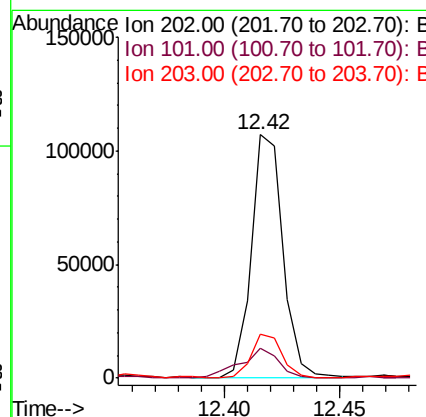
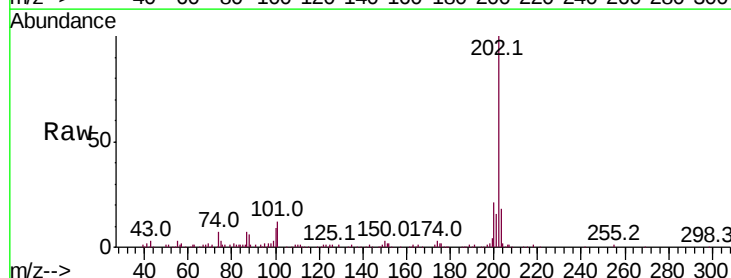
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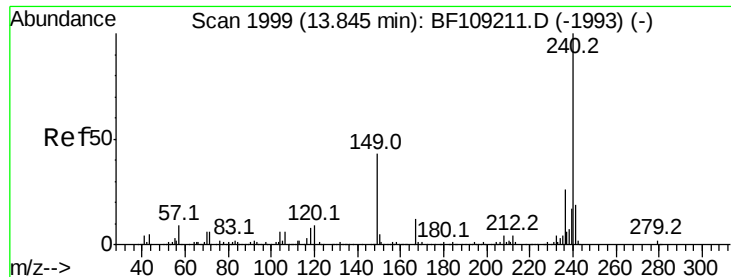
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#74
Fluoranthene
Concen: 6.099 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109502.D
Acq: 2 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109502.D

Acq: 2 Oct 2018 15:37

Instrument :

BNA_F

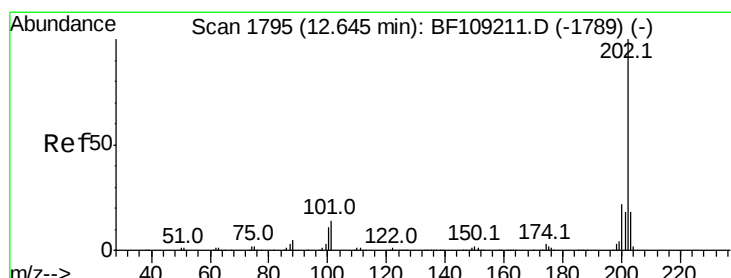
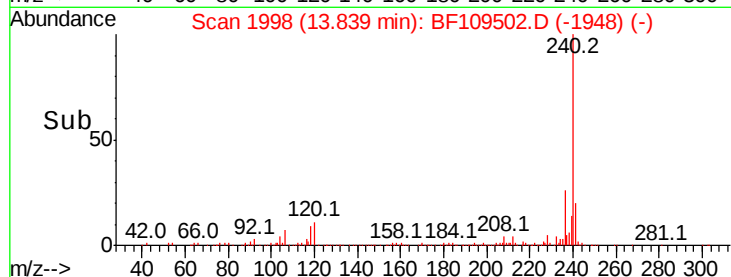
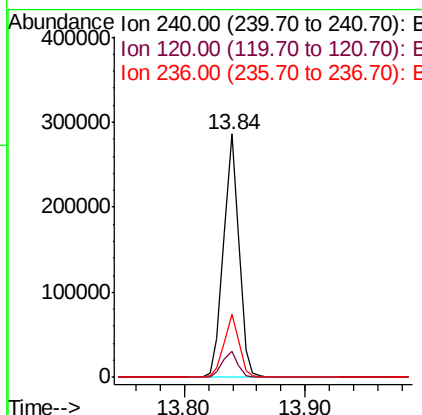
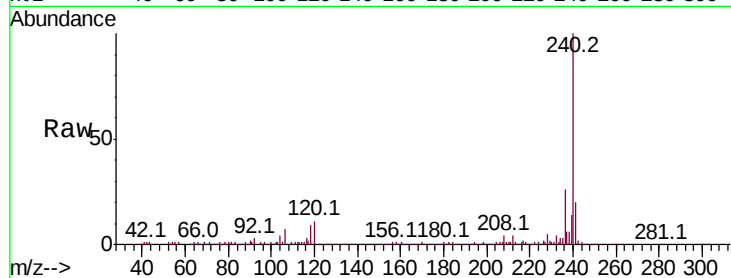
ClientSampleId :

OR-02-100118-B

Tot Ion:	240	Resp:	253812
Ion Ratio		Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.8	20.7	31.1

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#77

Pyrene

Concen: 6.297 ng

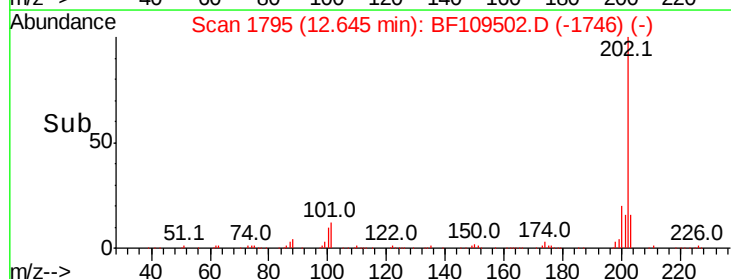
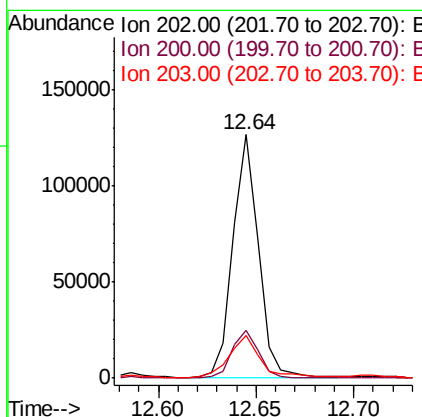
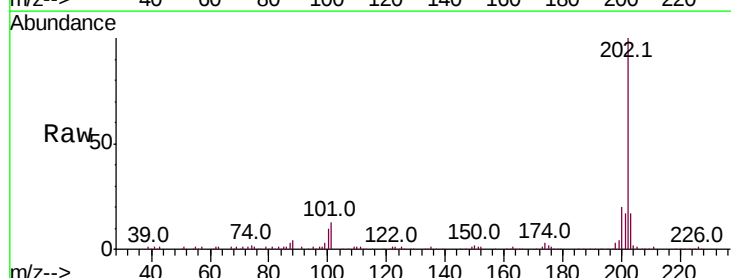
RT: 12.64 min Scan# 1795

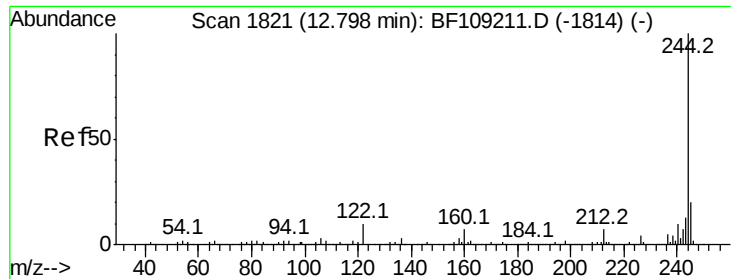
Delta R.T. -0.01 min

Lab File: BF109502.D

Acq: 2 Oct 2018 15:37

Tgt Ion:	202	Resp:	114548
Ion Ratio		Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.5	14.3	21.5





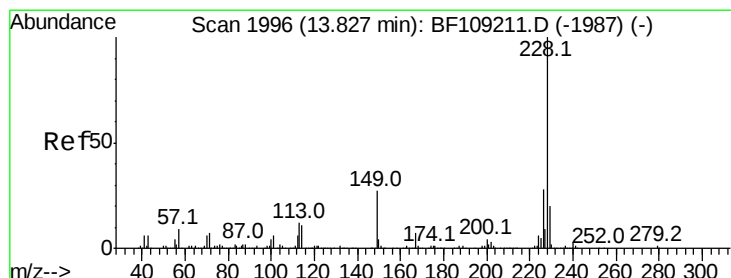
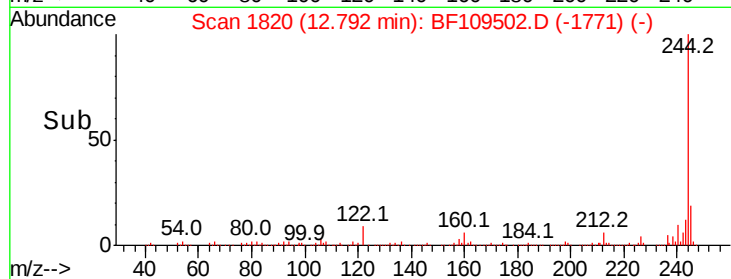
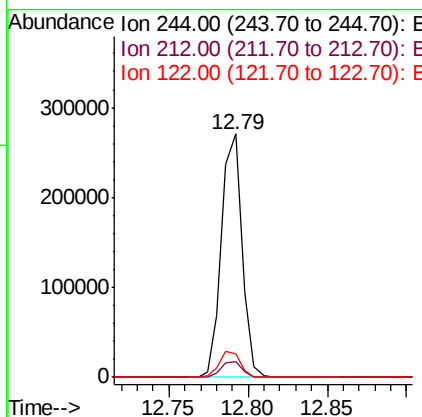
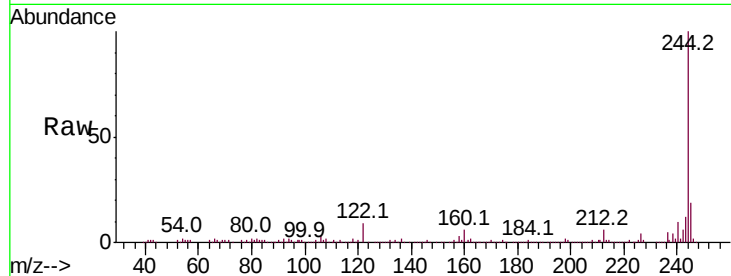
#78
 Terphenyl-d14
 Concen: 23.650 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109502.D
 Acq: 2 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-100118-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.4	11.0	16.4

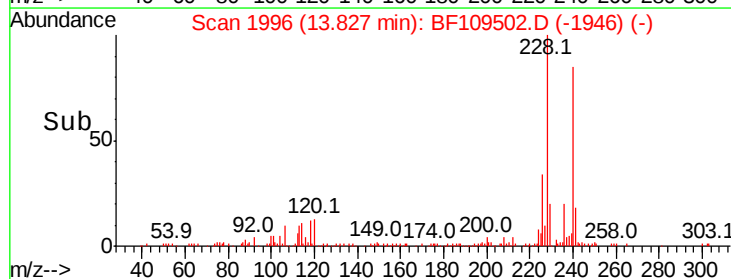
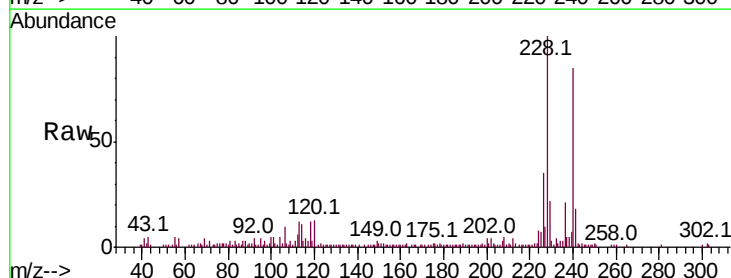
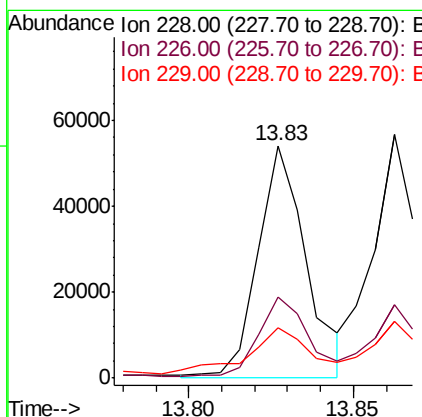
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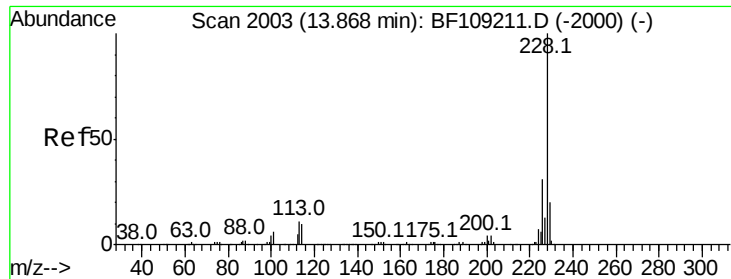
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#80
 Benzo(a)anthracene
 Concen: 3.626 ng m
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109502.D
 Acq: 2 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.6	33.8
229	21.7	15.8	23.6





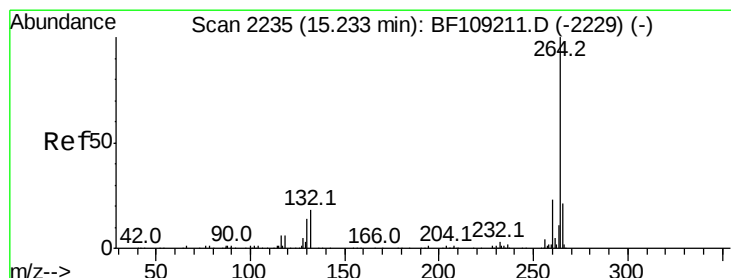
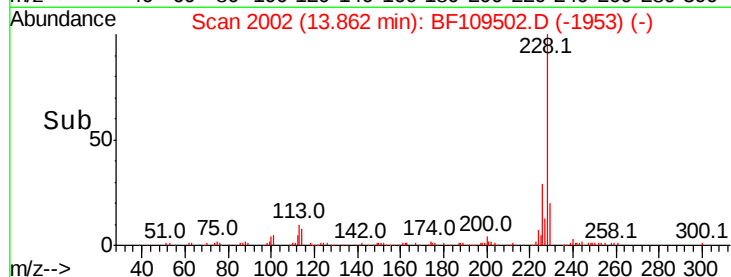
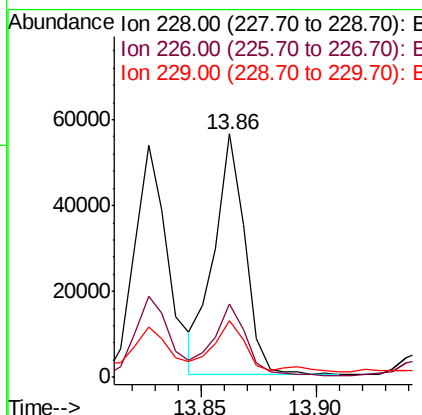
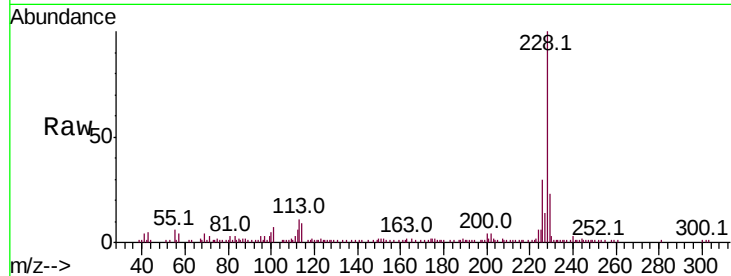
#82
Chrysene
Concen: 3.453 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109502.D
Acq: 2 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :
OR-02-100118-B

Tot Ion:	228	Resp:	52318
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	23.3	16.2	24.4

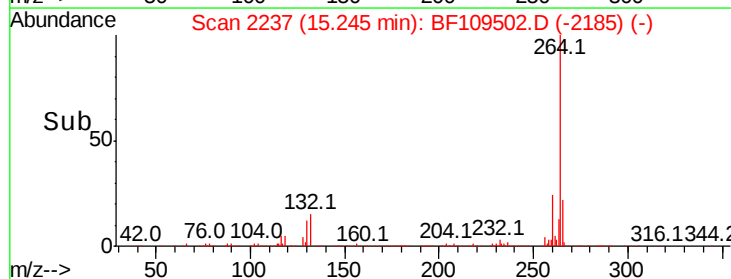
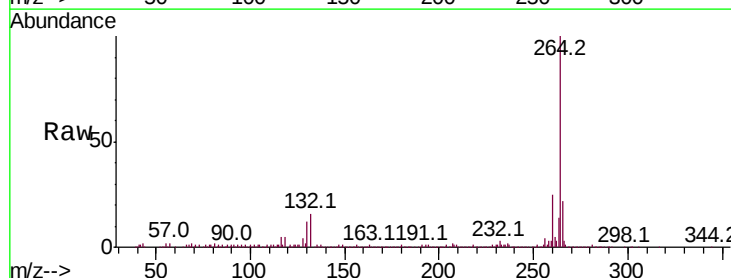
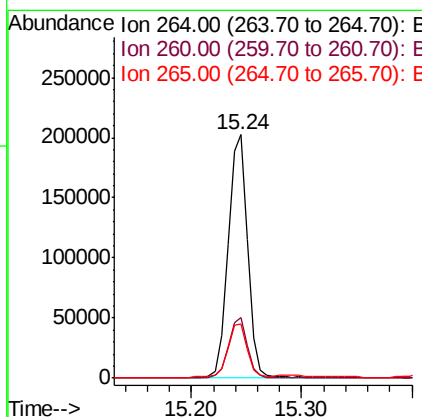
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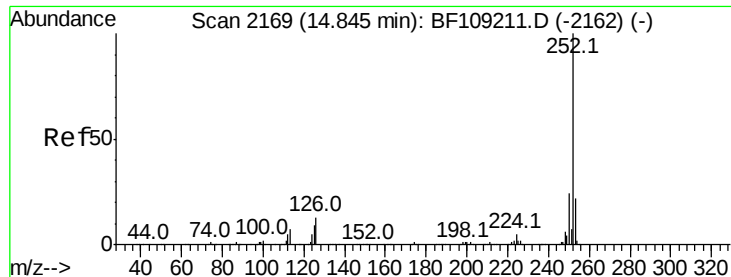
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109502.D
Acq: 2 Oct 2018 15:37

Tgt Ion:	264	Resp:	251620
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.716 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109502.D

Acq: 2 Oct 2018 15:37

Instrument :

BNA_F

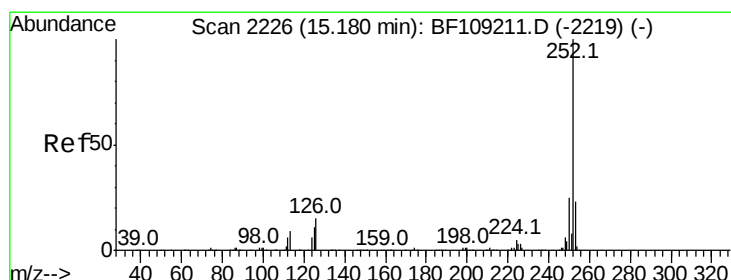
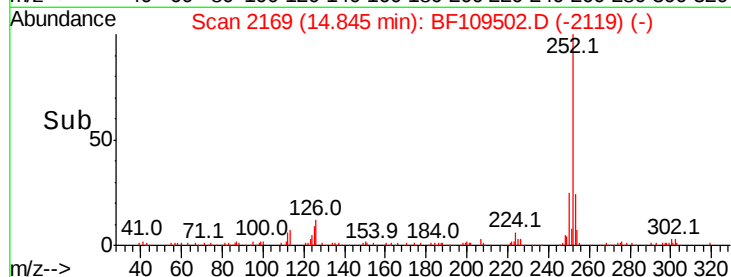
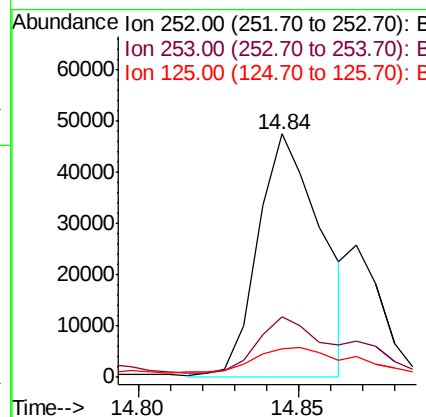
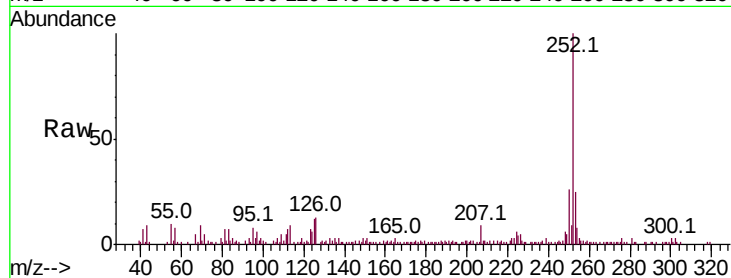
ClientSampleId :

OR-02-100118-B

Tot Ion:	252	Resp:	65211
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.0	25.6
125	11.7	9.0	13.6

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#89

Benzo(a)pyrene

Concen: 3.786 ng

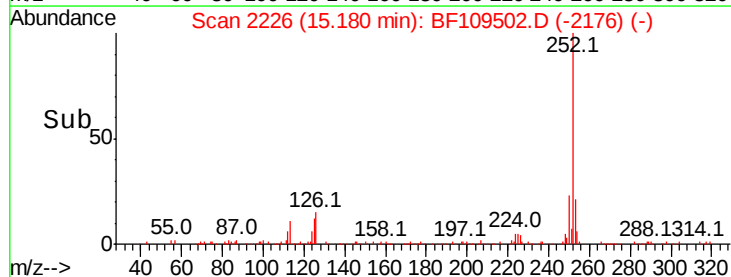
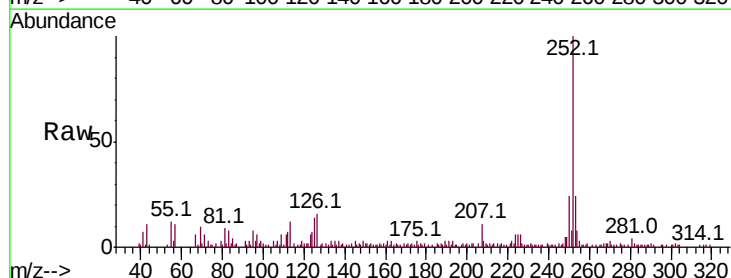
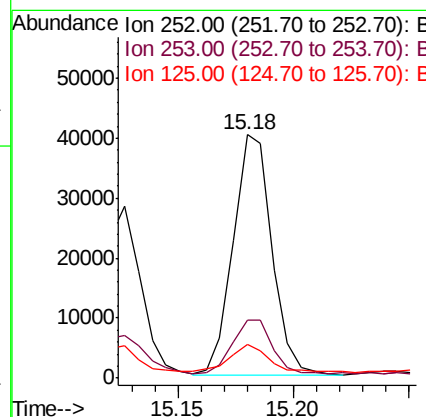
RT: 15.18 min Scan# 2226

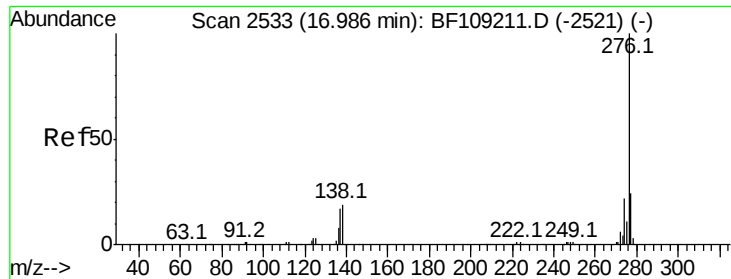
Delta R.T. -0.01 min

Lab File: BF109502.D

Acq: 2 Oct 2018 15:37

Tgt Ion:	252	Resp:	47167
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	14.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.556 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.00 min
 Lab File: BF109502.D
 Acq: 2 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-100118-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	21.2	21.8	32.8

Manual Integrations
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 10/3/2018 9:31:04 AM

