

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109253.D
 Acq On : 23 Sep 2018 6:27
 Operator : JU/SJ
 Sample : J5017-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-NW-055

Manual Integrations
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Quant Time: Sep 24 11:31:03 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	115741	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	431825	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	185631	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	263680	20.00	ng	0.00
75) Chrysene-d12	13.85	240	187425	20.00	ng	0.00
86) Perylene-d12	15.26	264	162899	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	638695	90.89	ng	0.00
7) Phenol-d6	6.35	99	811455	90.50	ng	-0.01
23) Nitrobenzene-d5	7.27	82	507395	69.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	154614	84.49	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	795084	64.60	ng	-0.01
78) Terphenyl-d14	12.81	244	416081	54.48	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	255227	18.903	ng	# 99
70) Phenanthrene	11.24	178	28124	2.136	ng	# 80
77) Pyrene	12.66	202	30190	2.248	ng	# 79
82) Chrysene	13.87	228	35452	3.168	ng	# 50
87) Benzo(b)fluoranthene	14.86	252	21580m	2.411	ng	

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

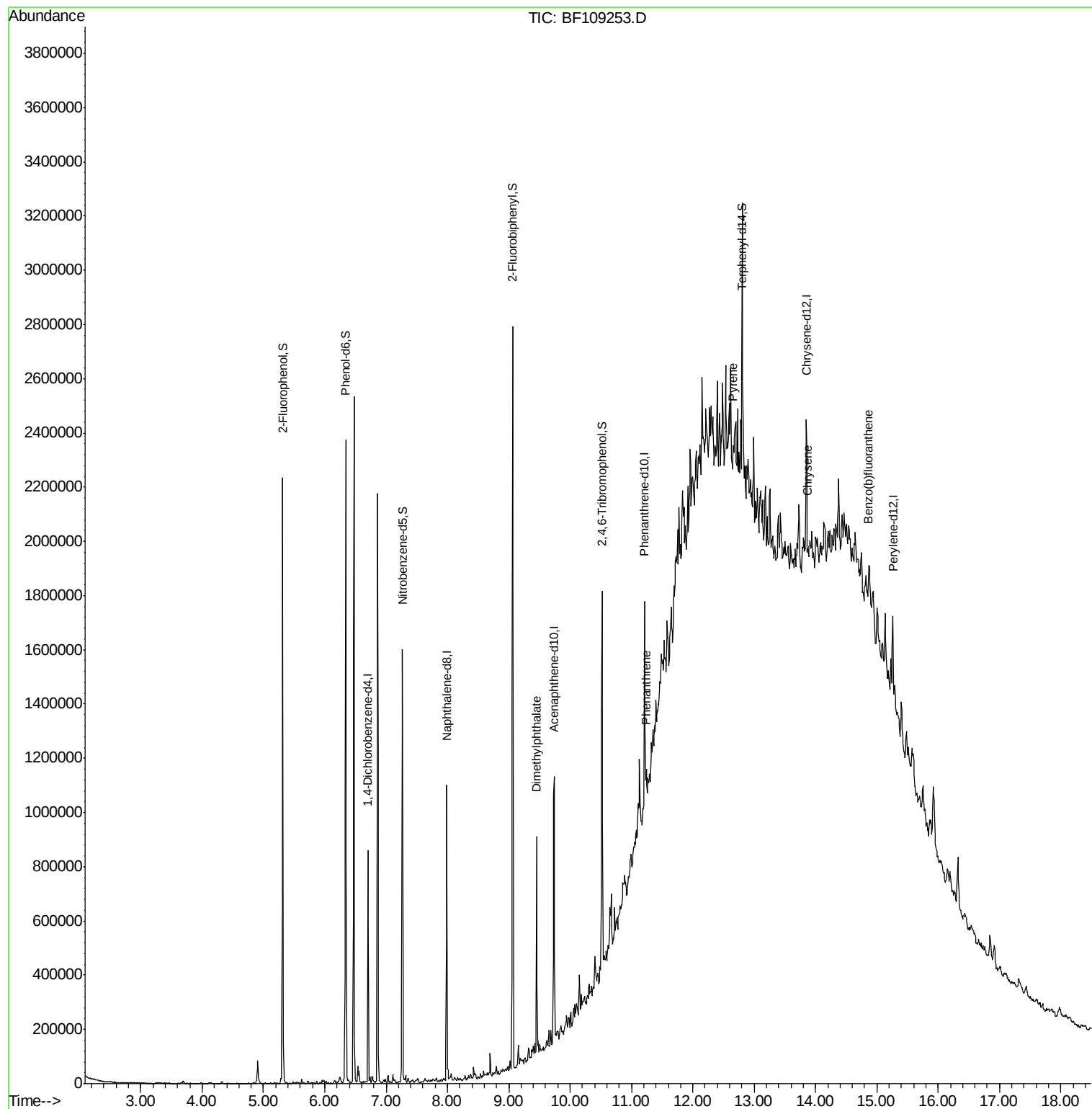
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109253.D
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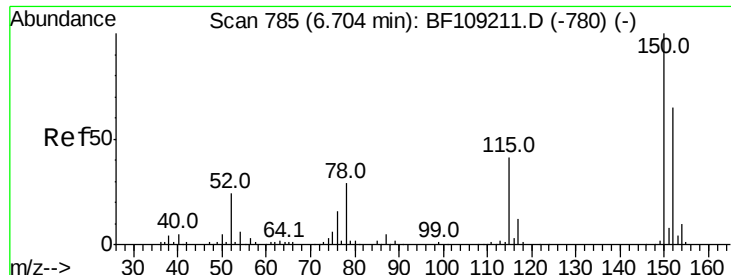
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration





#1

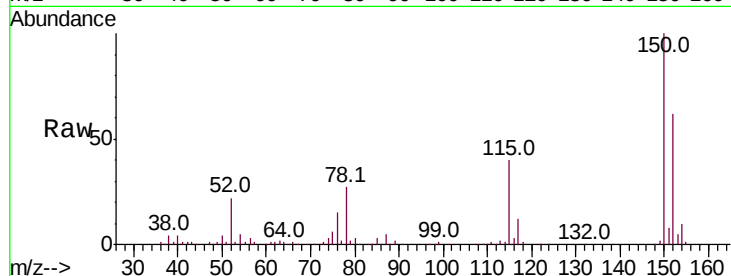
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109253.D
Acq: 23 Sep 2018 6:27

Instrument :
BNA_F
ClientSampleId :
RA-091918-N-NW-055

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	64.6	50.1	75.1

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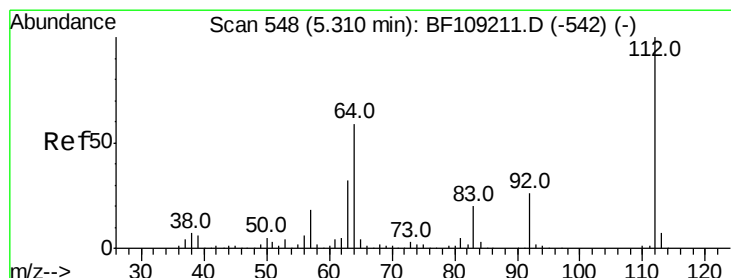
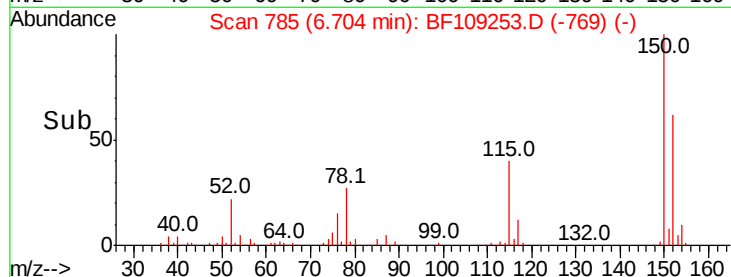
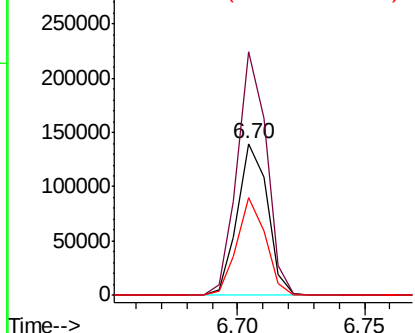


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

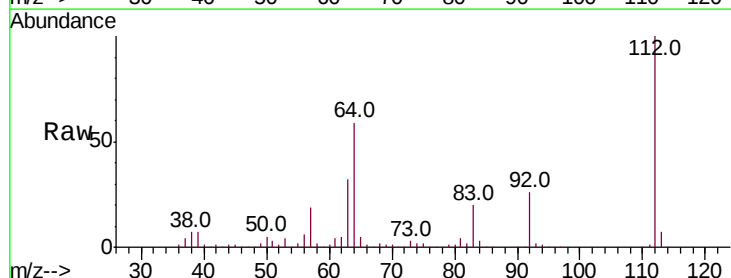
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.891 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109253.D
Acq: 23 Sep 2018 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	31.7	23.7	35.5

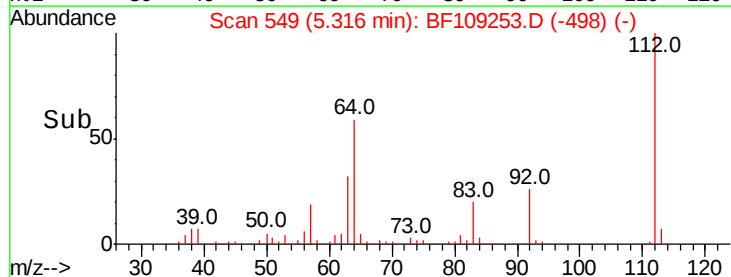
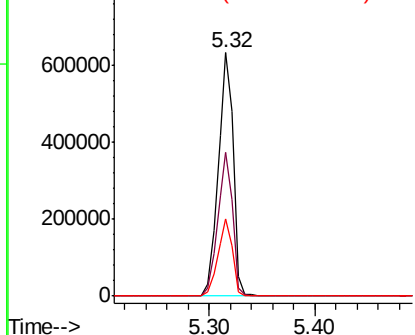


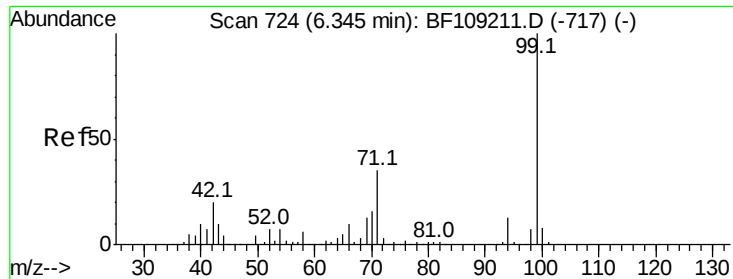
Abundance

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: 90.496 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109253.D

Acq: 23 Sep 2018 6:27

Instrument :

BNA_F

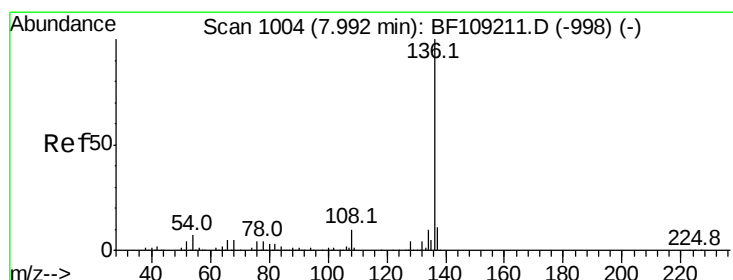
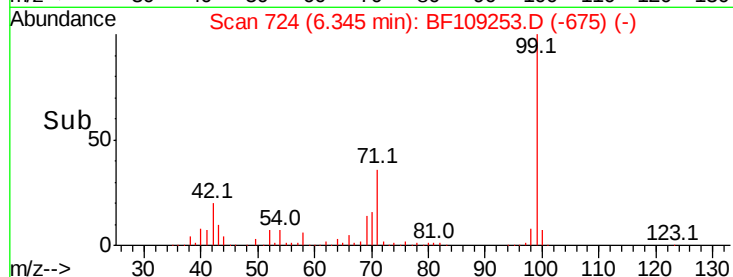
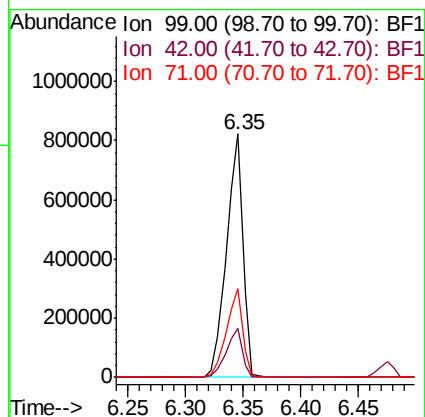
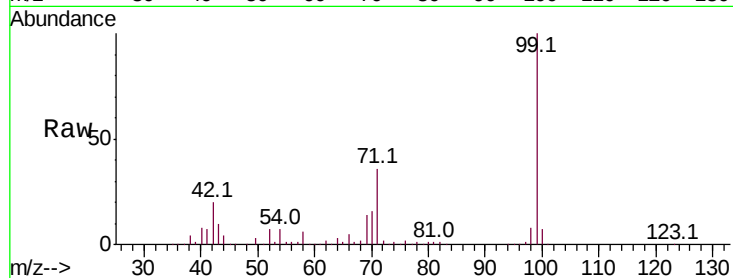
ClientSampleId :

RA-091918-N-NW-055

Tot Ion:	99	Resp:	811455
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.5	21.7
71	36.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

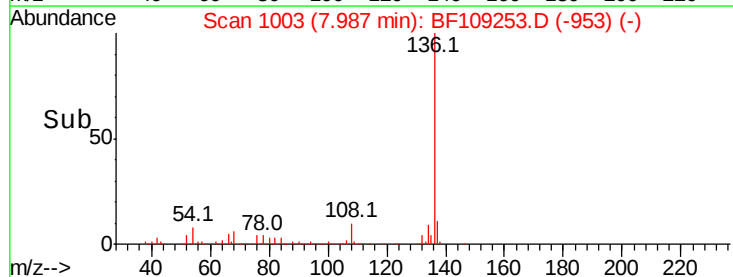
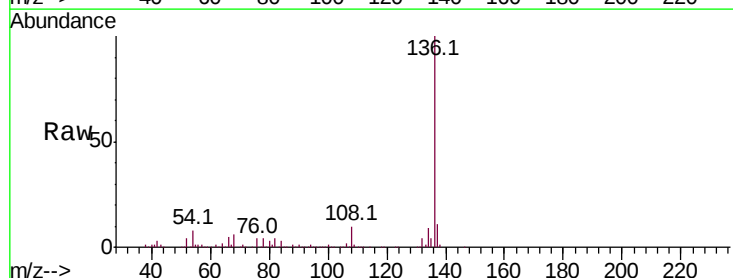
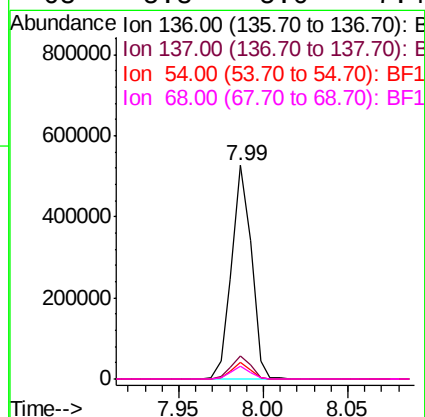
RT: 7.99 min Scan# 1003

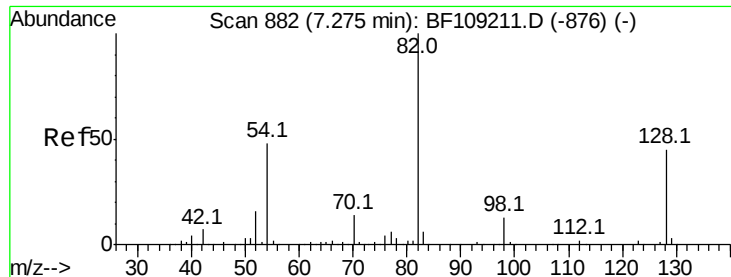
Delta R.T. -0.01 min

Lab File: BF109253.D

Acq: 23 Sep 2018 6:27

Tgt Ion:	136	Resp:	431825
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	5.8	5.0	7.4





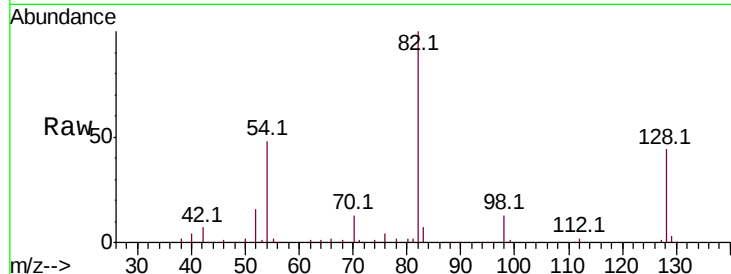
#23
 Nitrobenzene-d5
 Concen: 69.362 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109253.D
 Acq: 23 Sep 2018 6:27

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-NW-055

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	43.8	36.1	54.1
54	47.7	41.4	62.2

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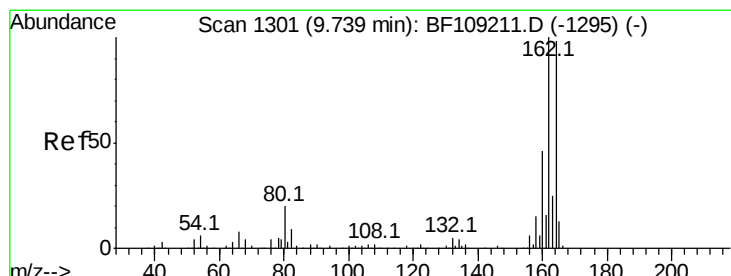
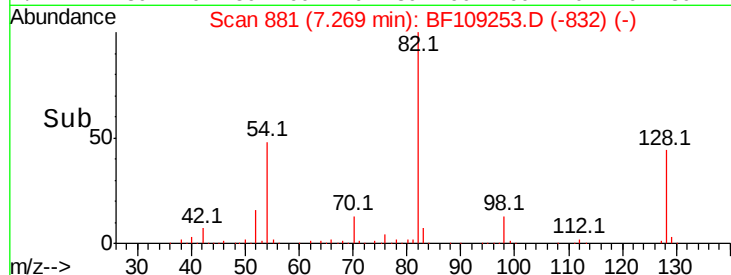
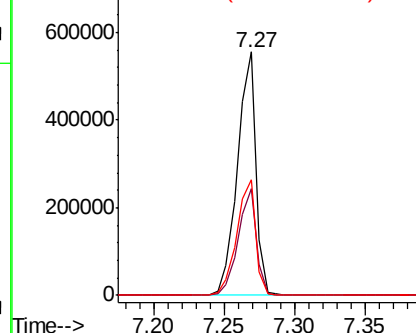


Abundance

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: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109253.D
 Acq: 23 Sep 2018 6:27

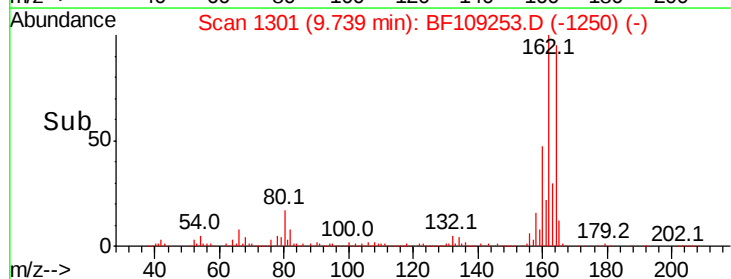
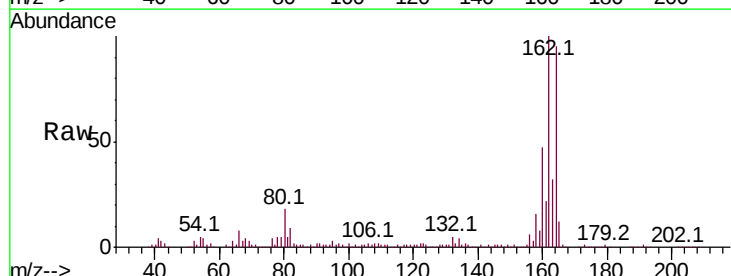
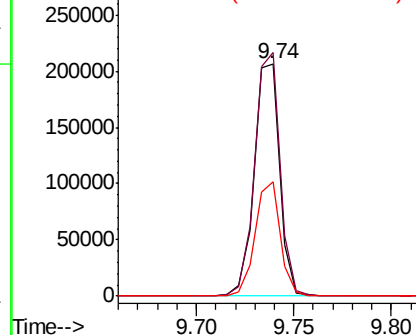
Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	104.9	86.1	129.1
160	49.2	38.3	57.5

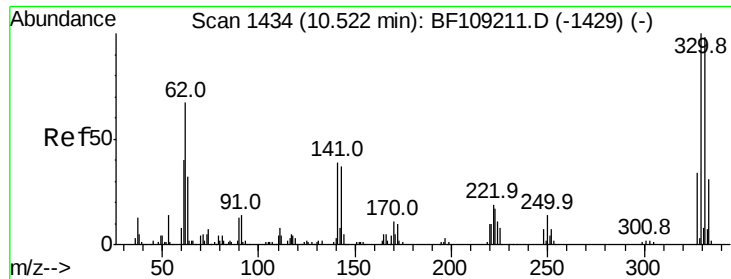
Abundance

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





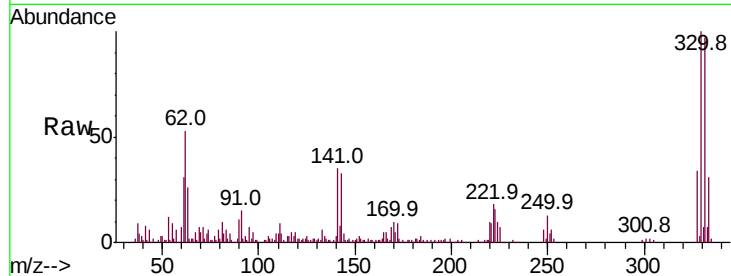
#41
 2,4,6-Tribromophenol
 Concen: 84.491 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109253.D
 Acq: 23 Sep 2018 6:27

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-NW-055

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	35.1	29.9	44.9	

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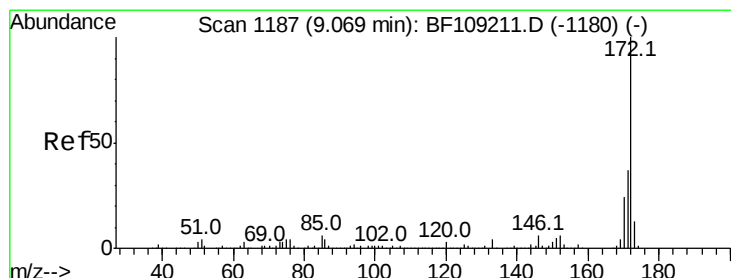
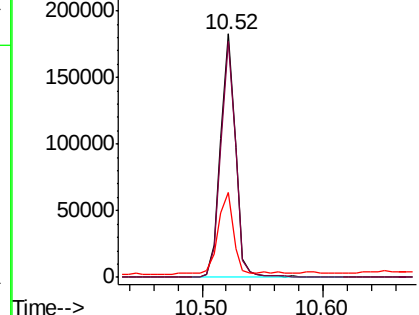
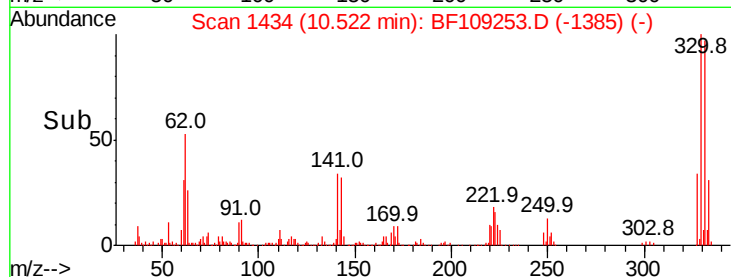


Abundance

Ion 329.80 (329.50 to 330.50): E

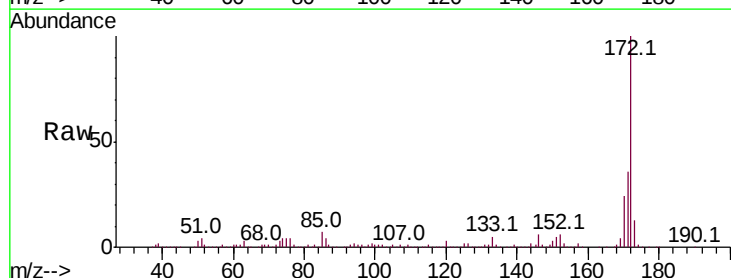
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.598 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109253.D
 Acq: 23 Sep 2018 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.7	44.5	
170	24.0	19.6	29.4	

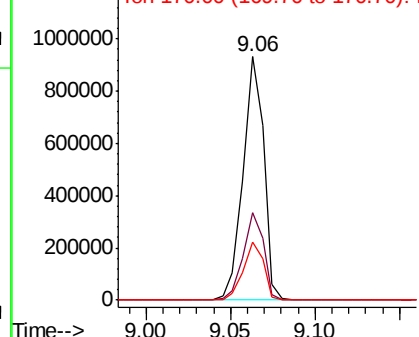
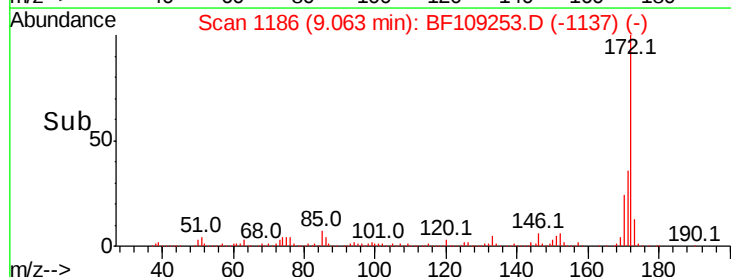


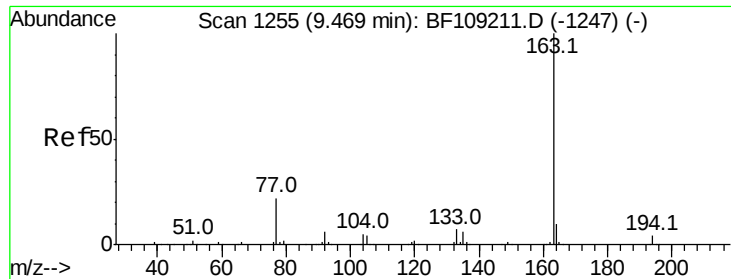
Abundance

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





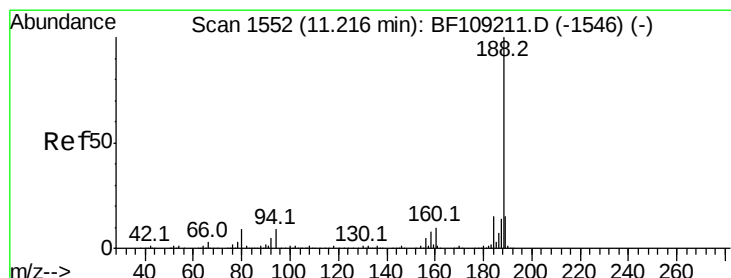
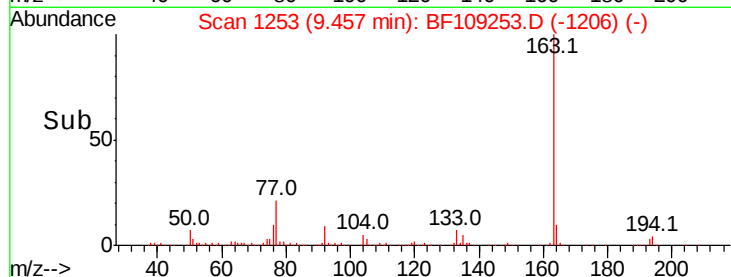
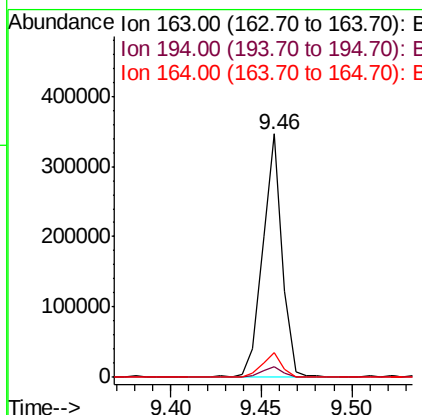
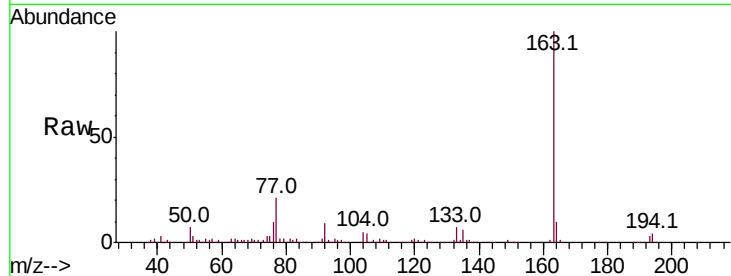
#49
 Dimethylphthalate
 Concen: 18.903 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109253.D
 Acq: 23 Sep 2018 6:27

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-NW-055

Tot Ion	Ratio	Resp	Lower	Upper
163	100	255227		
194	4.2		2.7	4.1#
164	10.3		8.2	12.2

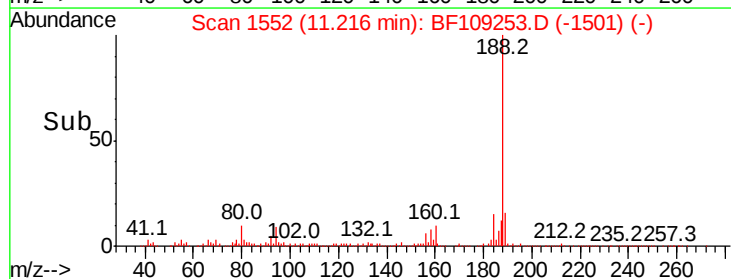
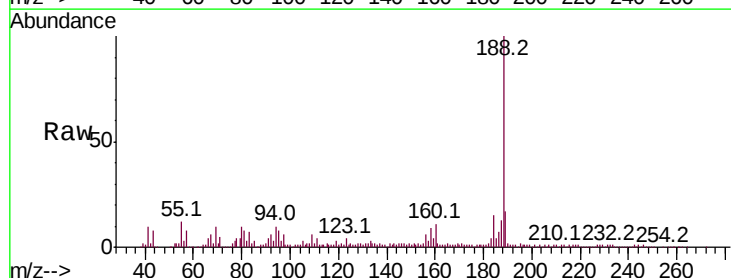
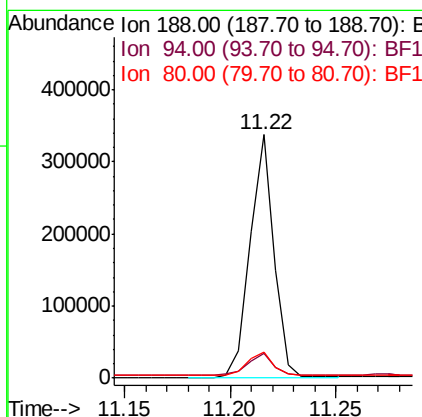
Manual Integrations
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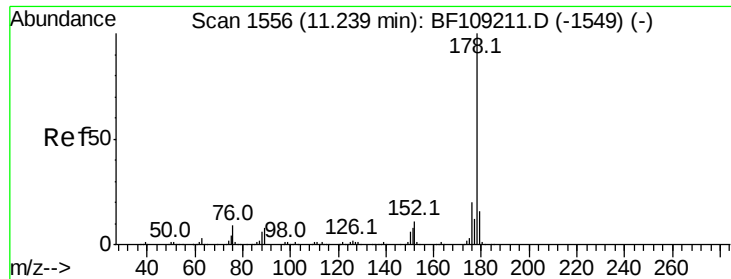
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109253.D
 Acq: 23 Sep 2018 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	263680		
94	10.0		8.5	12.7
80	10.4		9.2	13.8





#70

Phenanthrene

Concen: 2.136 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF109253.D

Acq: 23 Sep 2018 6:27

Instrument :

BNA_F

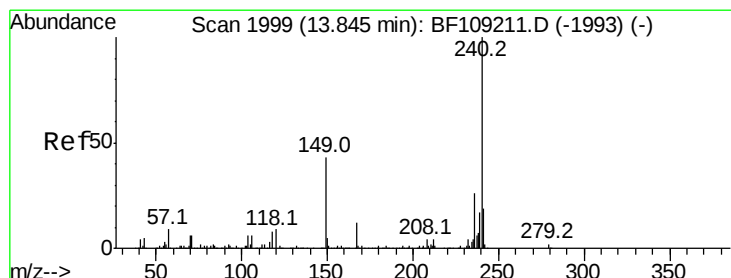
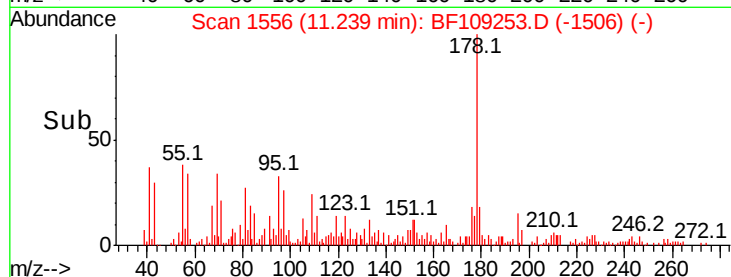
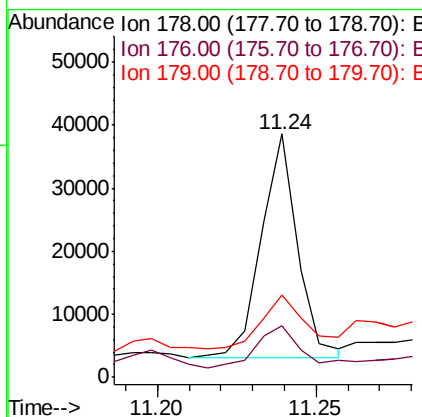
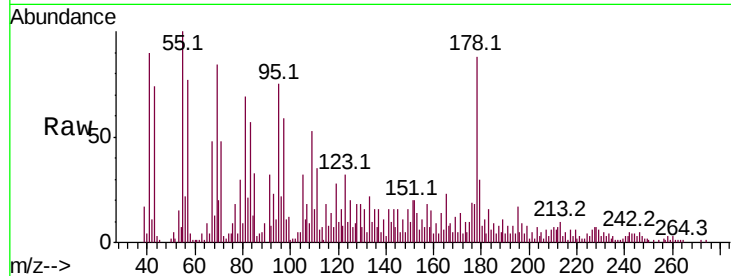
ClientSampleId :

RA-091918-N-NW-055

Tot Ion:	178	Resp:	28124
Ion Ratio	Lower	Upper	
178	100		
176	21.1	15.8	23.8
179	33.6	13.0	19.6#

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

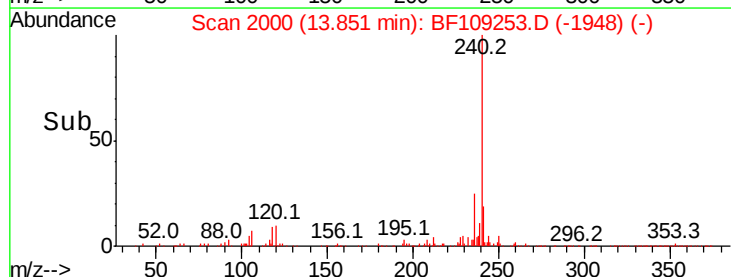
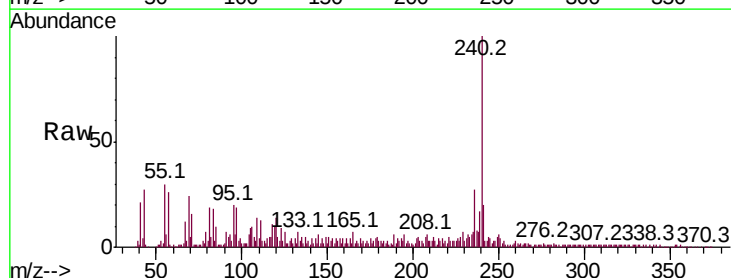
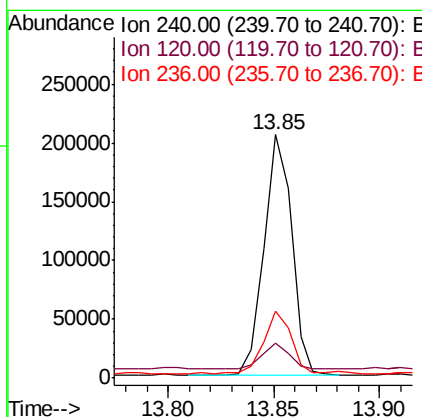
RT: 13.85 min Scan# 2000

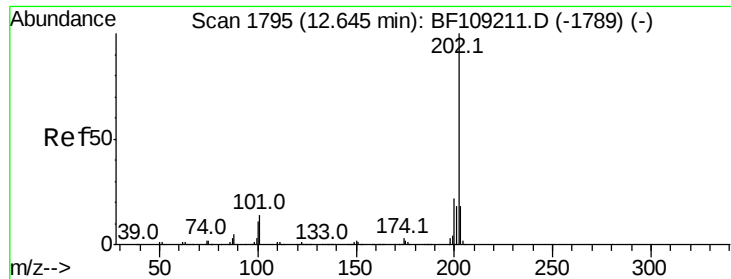
Delta R.T. 0.01 min

Lab File: BF109253.D

Acq: 23 Sep 2018 6:27

Tgt Ion:	240	Resp:	187425
Ion Ratio	Lower	Upper	
240	100		
120	14.2	9.5	14.3
236	27.3	20.7	31.1





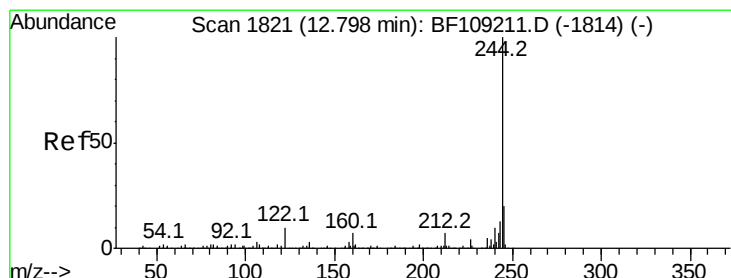
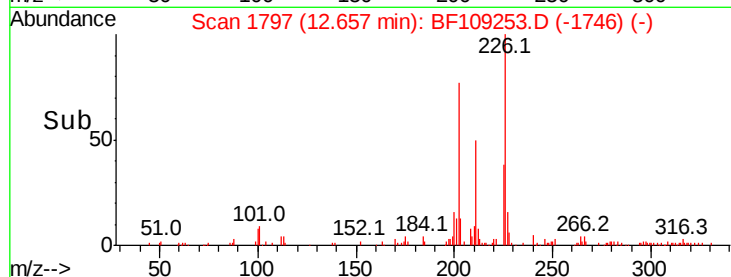
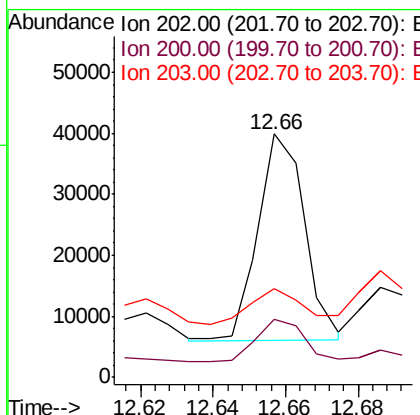
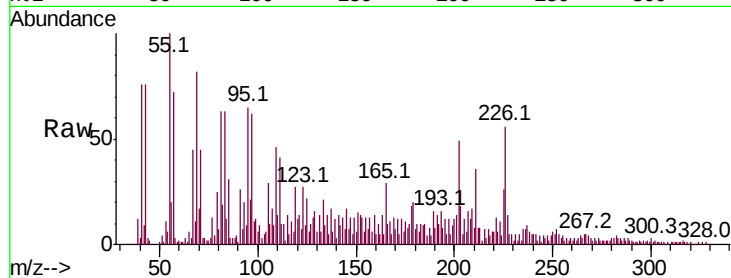
#77
Pvrene
Concen: 2.248 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF109253.D
Acq: 23 Sep 2018 6:27

Instrument :
BNA_F
ClientSampleId :
RA-091918-N-NW-055

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.6	17.4	26.2
203	36.5	14.3	21.5#

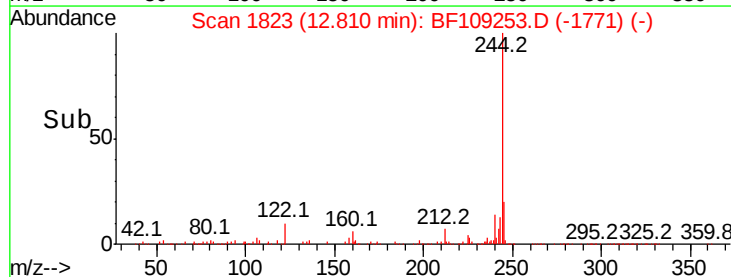
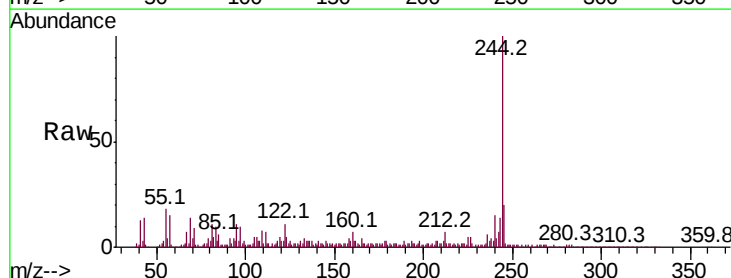
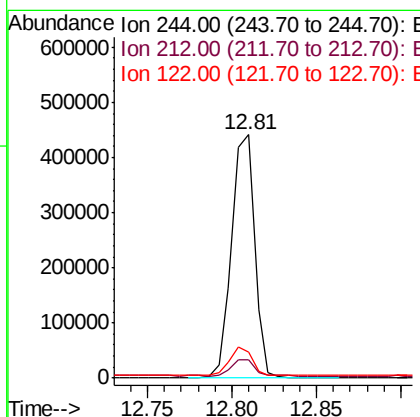
Manual Integrations
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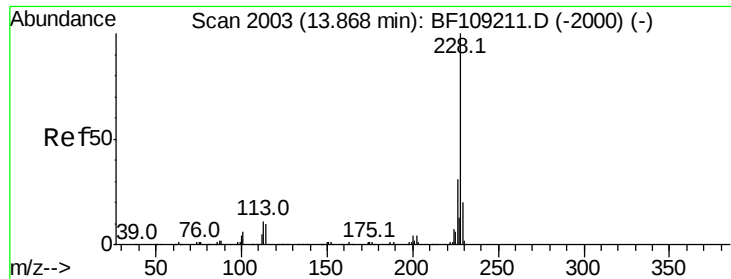
Sohil
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#78
Terphenyl-d14
Concen: 54.482 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF109253.D
Acq: 23 Sep 2018 6:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.8	11.0	16.4#





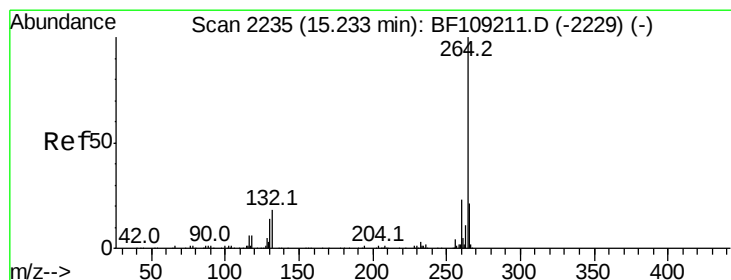
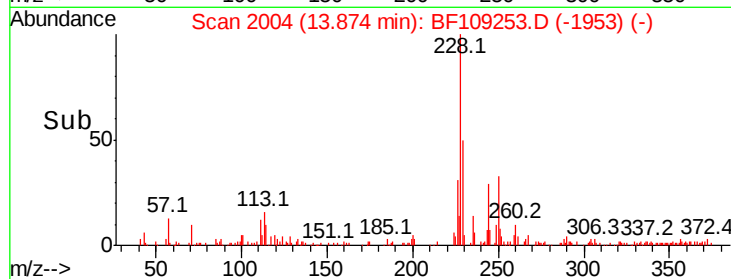
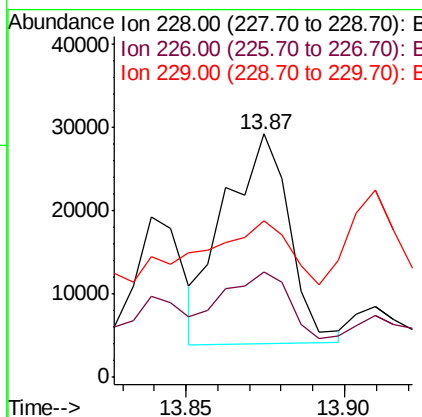
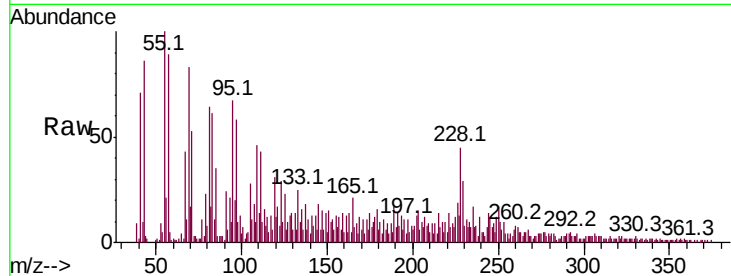
#82
Chrysene
Concen: 3.168 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF109253.D
Acq: 23 Sep 2018 6:27

Instrument :
BNA_F
ClientSampleId :
RA-091918-N-NW-055

Tot Ion	Ratio	Lower	Upper
228	100		
226	43.1	25.0	37.6#
229	64.2	16.2	24.4#

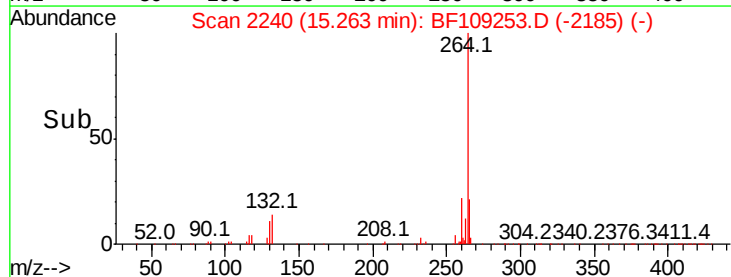
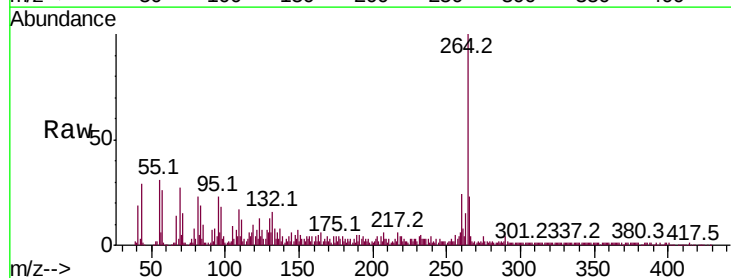
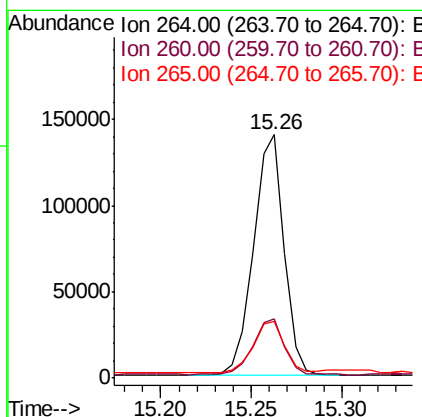
Manual Integrations
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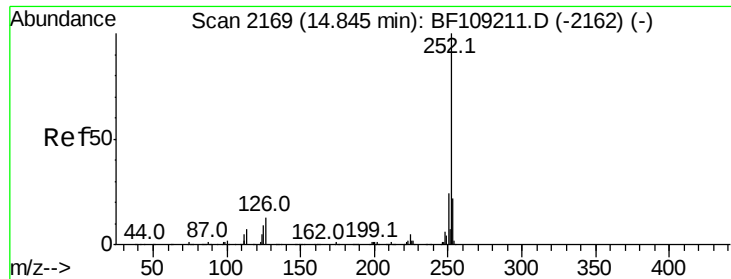
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF109253.D
Acq: 23 Sep 2018 6:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.5	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.411 ng m
 RT: 14.86 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: BF109253.D
 Acq: 23 Sep 2018 6:27

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-NW-055

Tot Ion	Ratio	Lower	Upper
252	100		
253	62.0	17.0	25.6#
125	85.9	9.0	13.6#

Manual Integrations
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