

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109687.D
 Acq On : 9 Oct 2018 10:14
 Operator : JU/SJ
 Sample : J5309-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-25

Manual Integrations
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Quant Time: Oct 09 11:21:29 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	94378	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	350157	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	138458	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	238076	20.00	ng	0.00
75) Chrysene-d12	13.83	240	206320	20.00	ng	0.00
86) Perylene-d12	15.24	264	160498	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	565503	106.36	ng	0.00
7) Phenol-d6	6.35	99	736412	103.68	ng	0.00
23) Nitrobenzene-d5	7.26	82	471605	74.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	136741	90.64	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	761467	75.74	ng	0.00
78) Terphenyl-d14	12.78	244	609530	57.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	144253	14.206	ng	99
74) Fluoranthene	12.41	202	45070	3.621	ng	97
77) Pyrene	12.63	202	43022	2.846	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	25856	3.234	ng	95
87) Benzo(b)fluoranthene	14.85	252	20493m	2.311	ng	

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

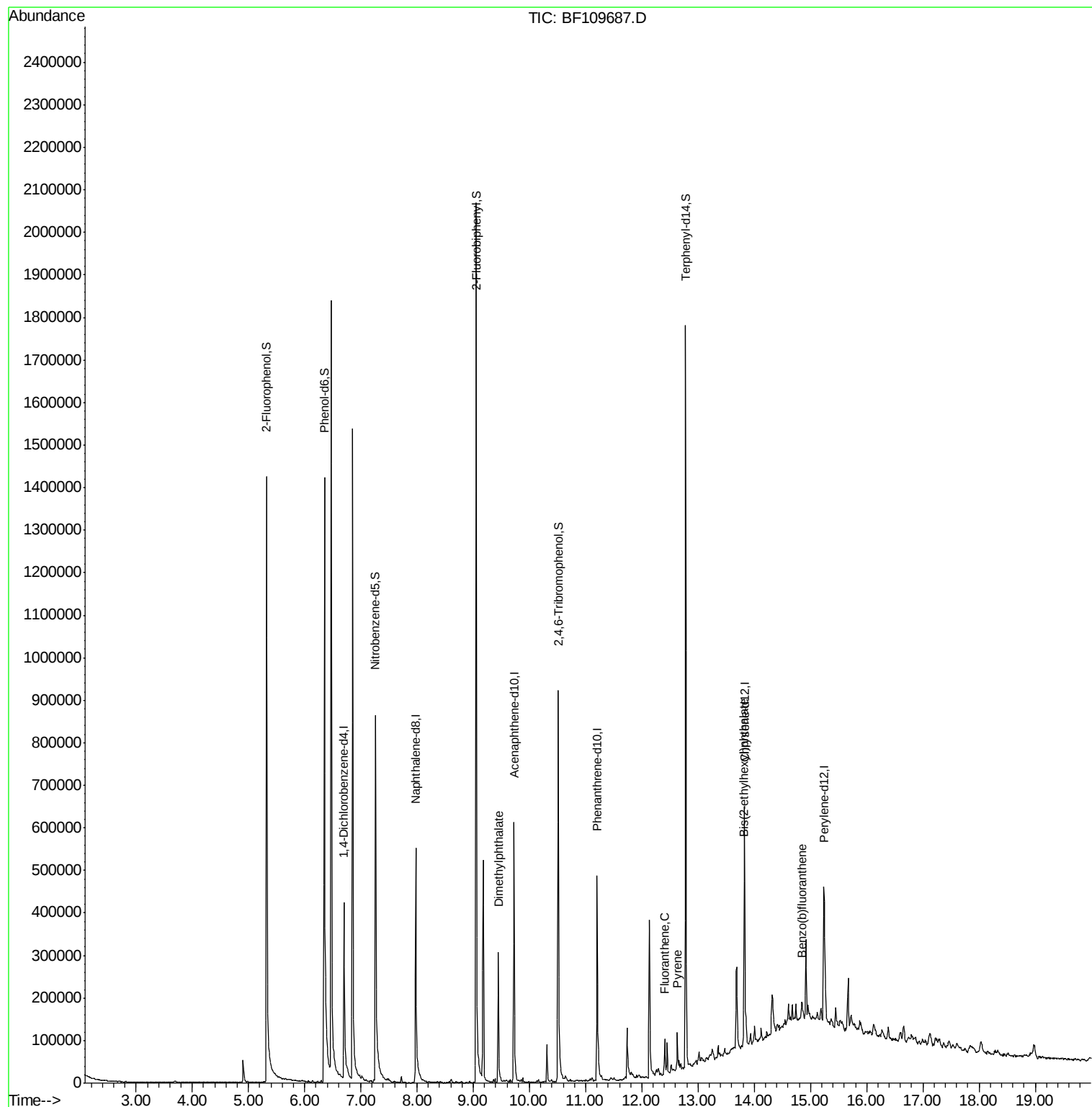
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109687.D
Acq On : 9 Oct 2018 10:14
Operator : JU/SJ
Sample : J5309-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

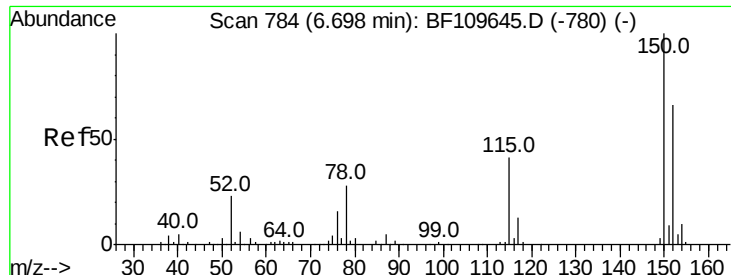
Instrument :
BNA_F
ClientSampleId :
S-25

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Quant Time: Oct 09 11:21:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

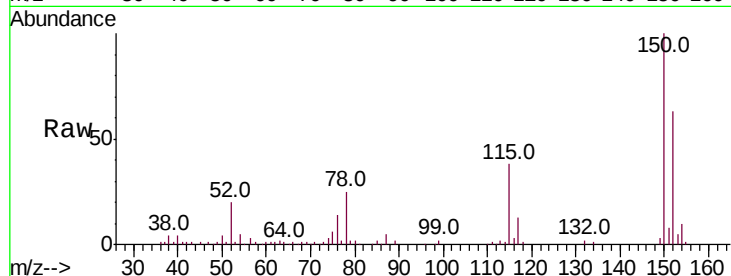
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109687.D
Acq: 9 Oct 2018 10:14

Instrument :
BNA_F
ClientSampled :
S-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.7	184.1
115	60.8	49.1	73.7

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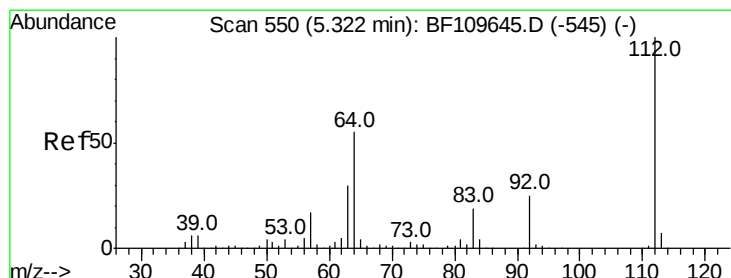
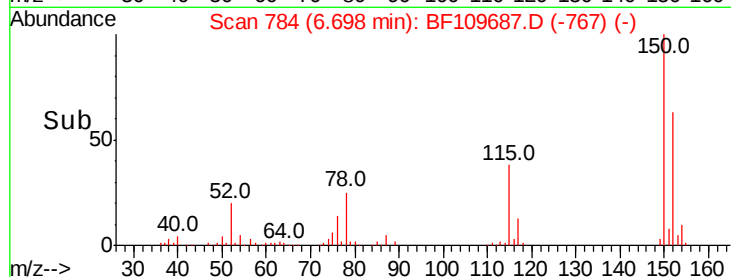
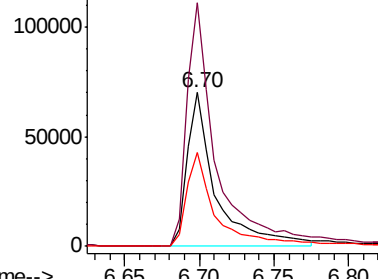


Abundance

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: 106.358 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109687.D
Acq: 9 Oct 2018 10:14

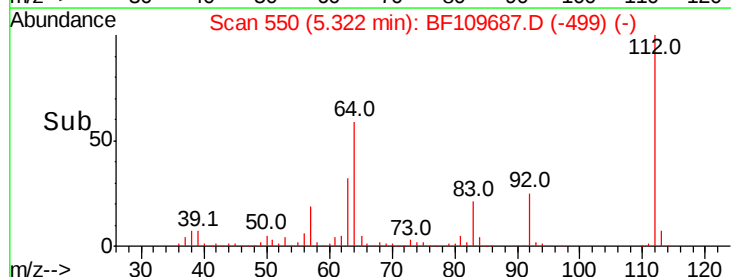
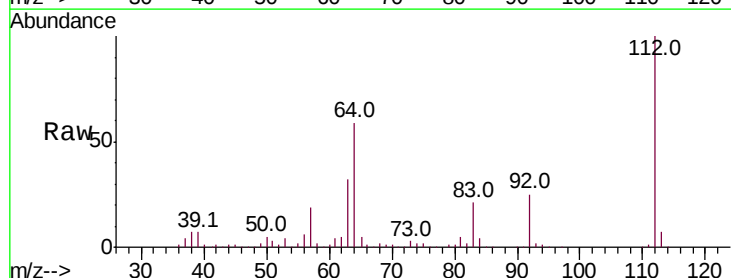
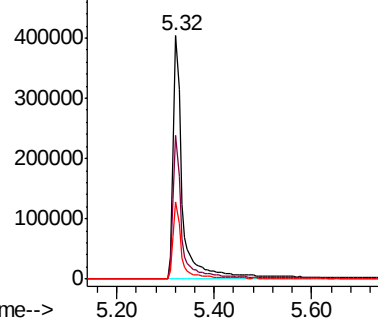
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	32.0	23.7	35.5

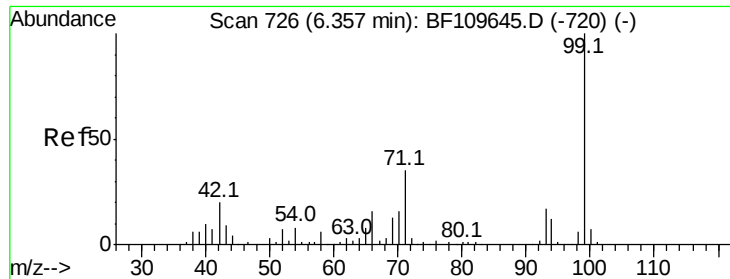
Abundance

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: 103.678 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109687.D

Acq: 9 Oct 2018 10:14

Instrument :

BNA_F

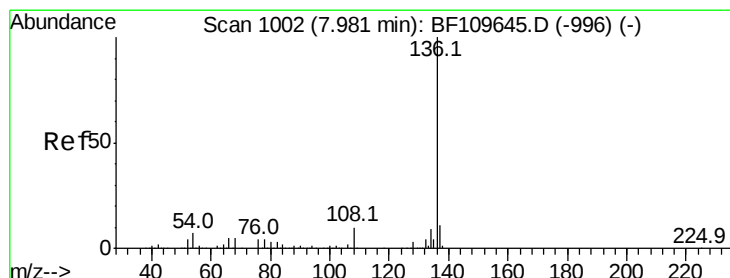
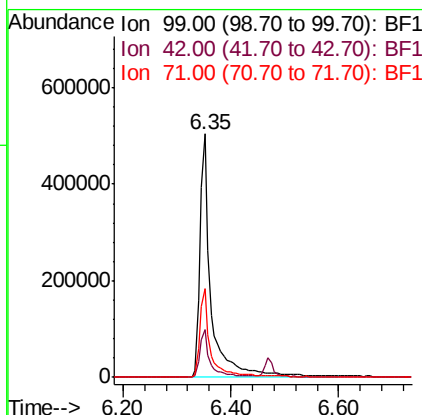
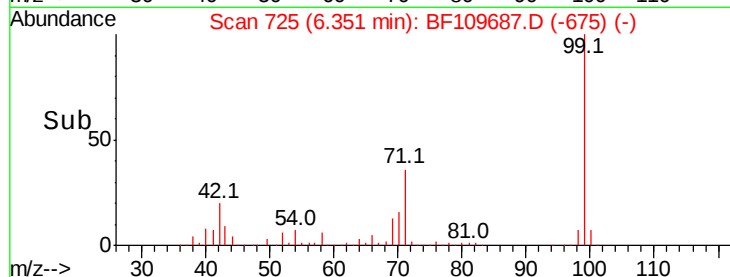
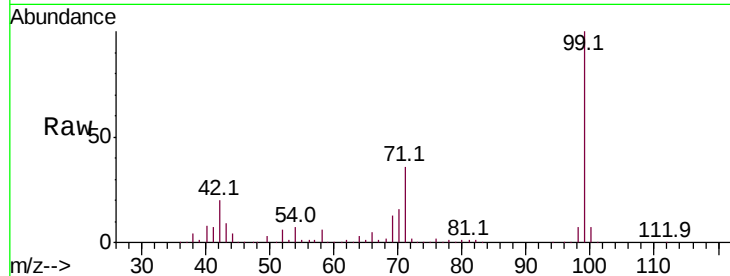
ClientSampled :

S-25

Tot Ion:	99	Resp:	736412
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.8	23.6
71	36.4	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

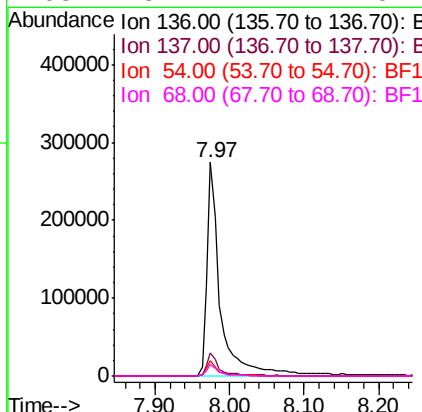
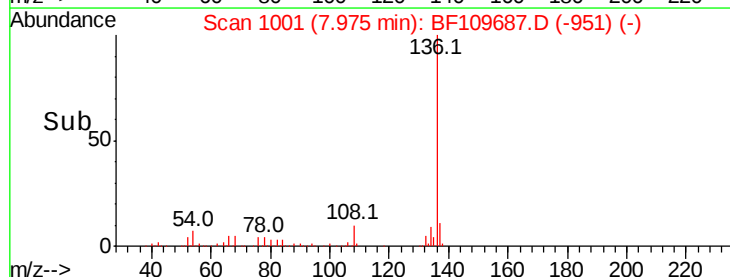
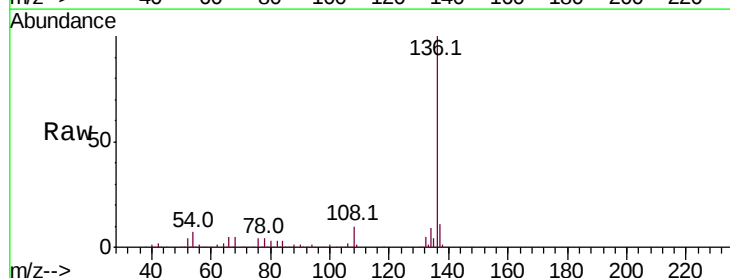
RT: 7.97 min Scan# 1001

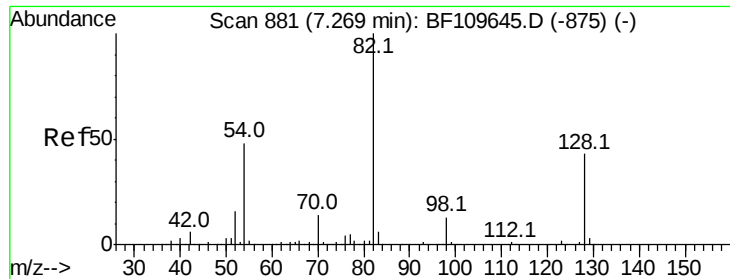
Delta R.T. -0.01 min

Lab File: BF109687.D

Acq: 9 Oct 2018 10:14

Tgt Ion:	136	Resp:	350157
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.0	5.4	8.2
68	5.4	4.2	6.2





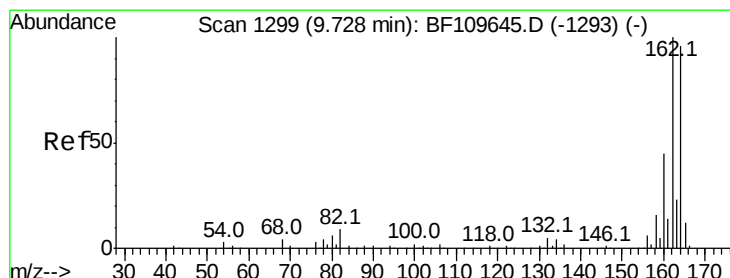
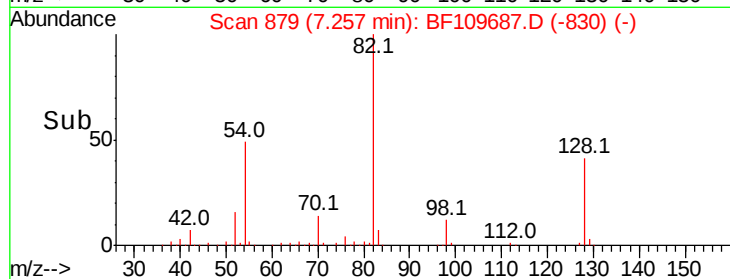
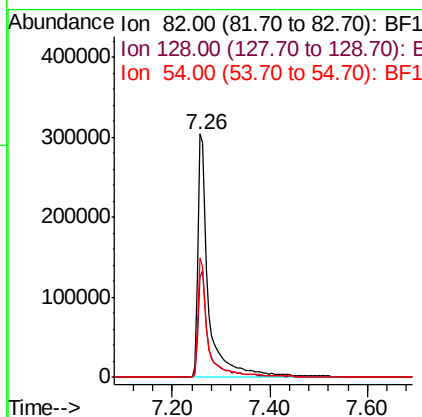
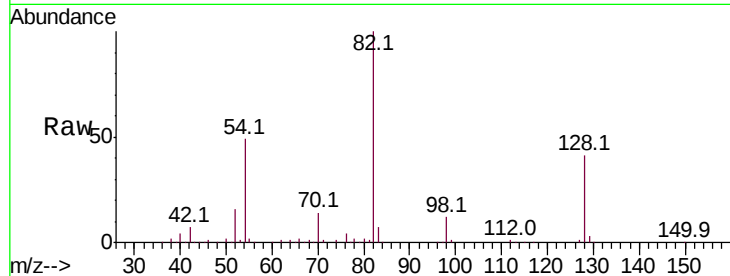
#23
Nitrobenzene-d5
Concen: 74.242 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109687.D
Acq: 9 Oct 2018 10:14

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.2	51.2
54	48.9	38.6	58.0

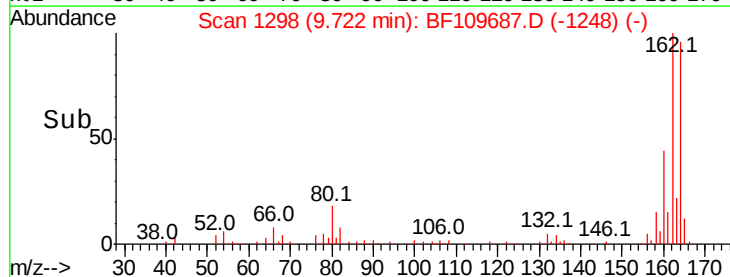
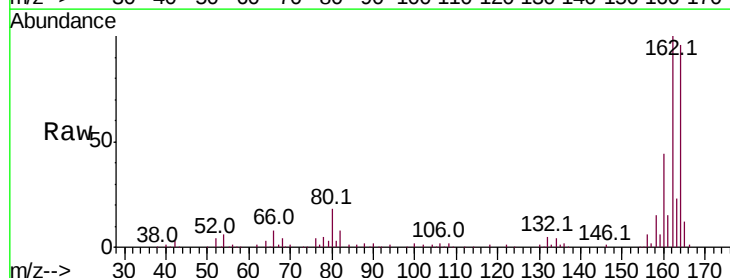
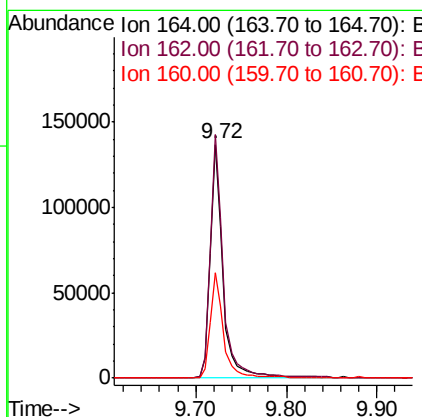
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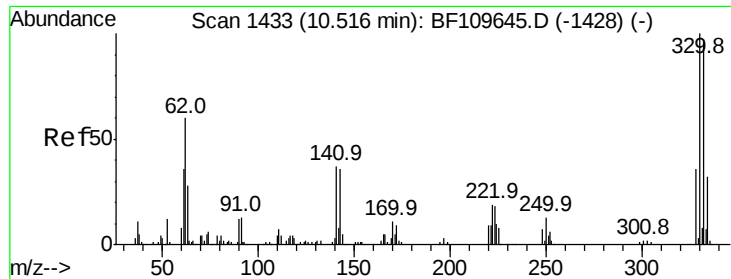
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109687.D
Acq: 9 Oct 2018 10:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	45.3	37.0	55.6





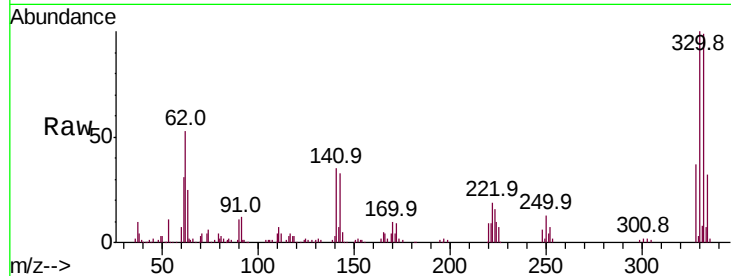
#41
 2,4,6-Tribromophenol
 Concen: 90.638 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109687.D
 Acq: 9 Oct 2018 10:14

Instrument :
 BNA_F
 ClientSampled :
 S-25

Tot Ion	Ratio	Resp	Lower	Upper
330	100	136741		
332	97.2	77.1	115.7	
141	34.4	27.0	40.4	

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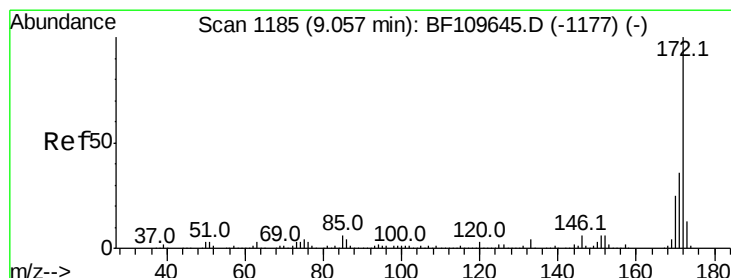
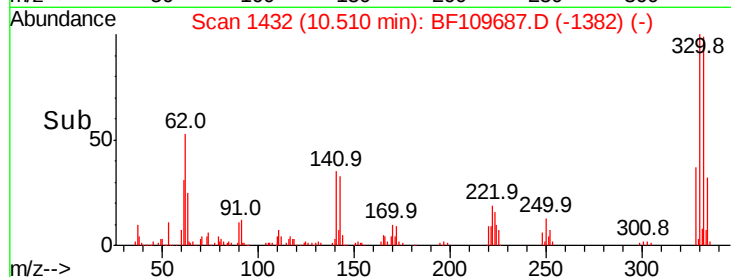
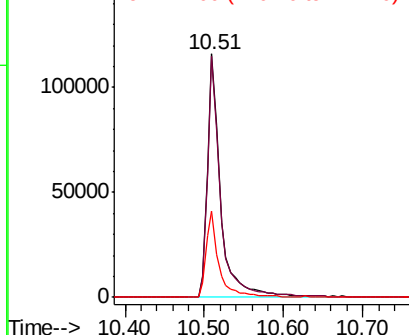


Abundance

Ion 329.80 (329.50 to 330.50): E

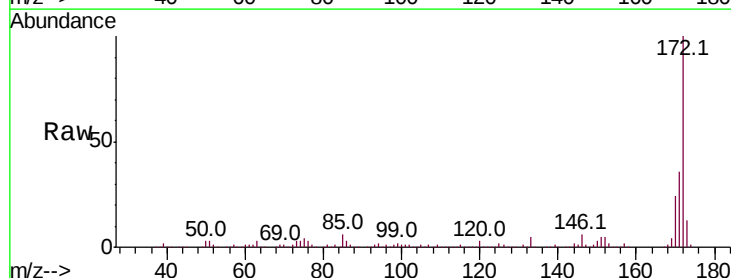
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.744 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109687.D
 Acq: 9 Oct 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	761467		
171	35.6	28.6	43.0	
170	23.8	19.7	29.5	

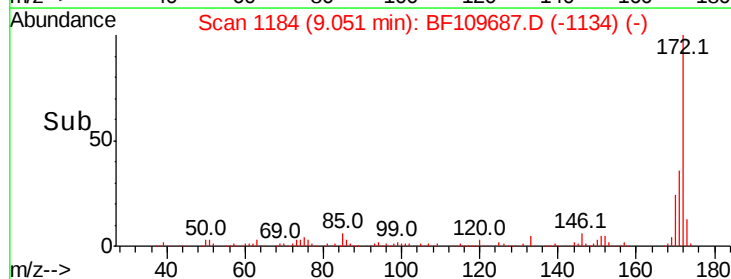
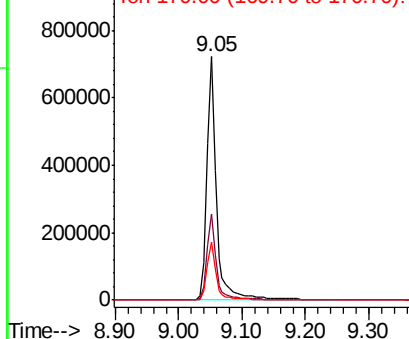


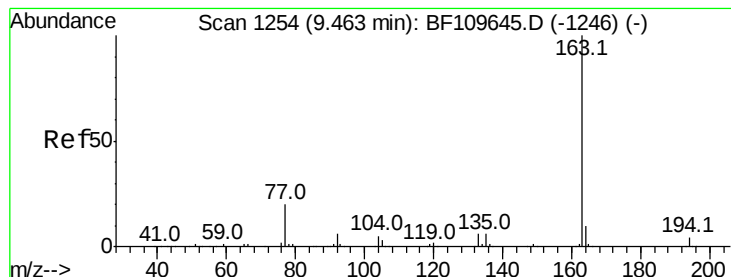
Abundance

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: 14.206 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109687.D

Acq: 9 Oct 2018 10:14

Instrument :

BNA_F

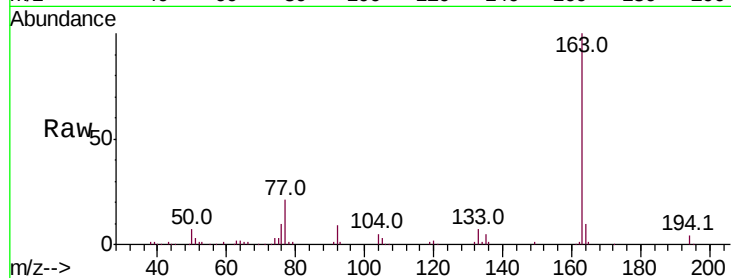
ClientSampled :

S-25

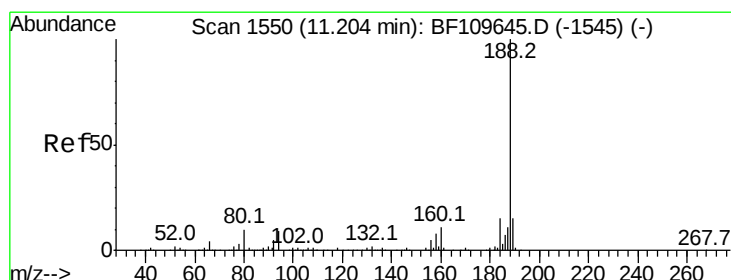
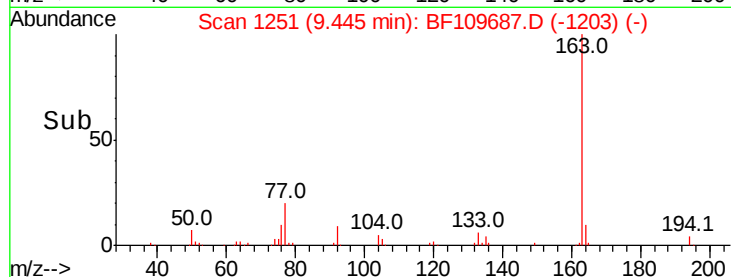
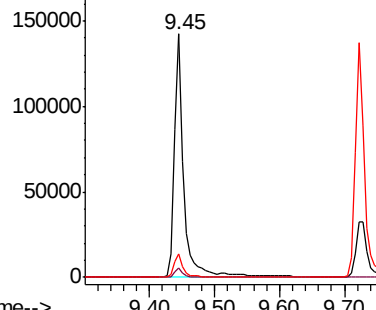
Tot Ion:	163	Resp:	144253
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.6	8.1	12.1

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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

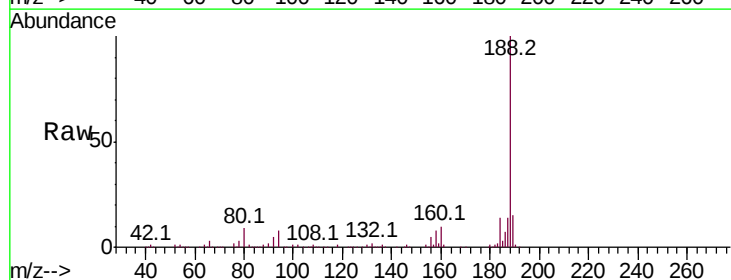
RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

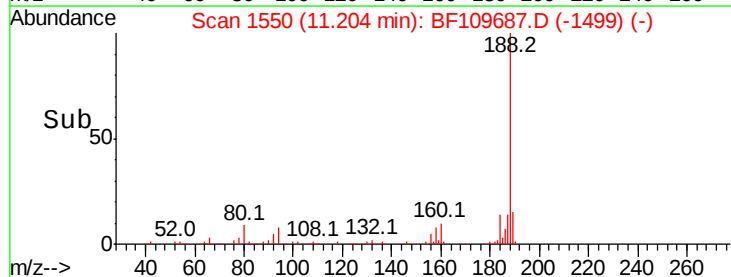
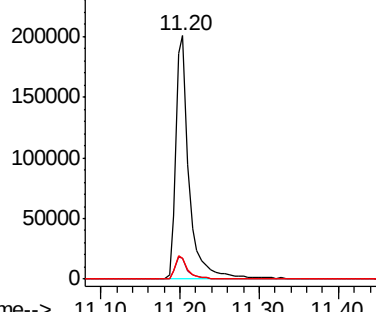
Lab File: BF109687.D

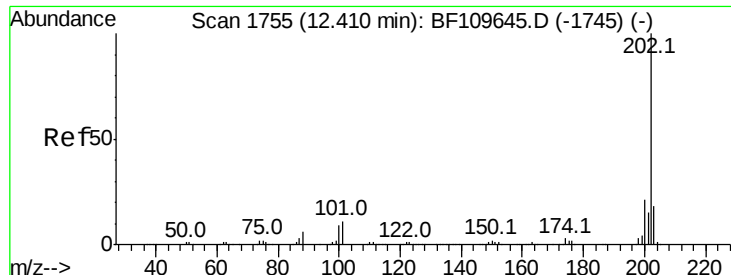
Acq: 9 Oct 2018 10:14

Tgt Ion:	188	Resp:	238076
Ion Ratio	Lower	Upper	
188	100		
94	8.4	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





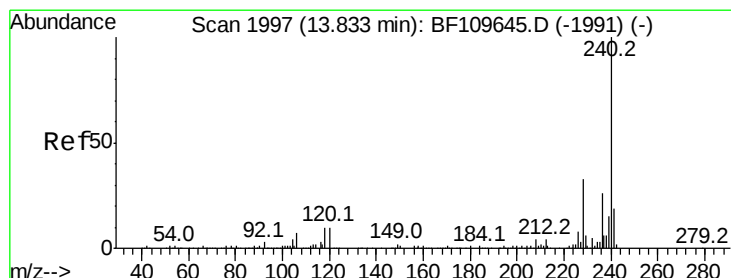
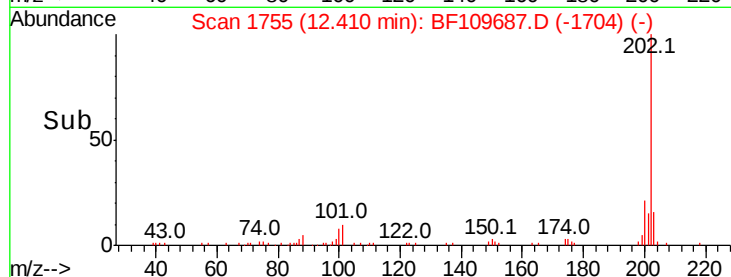
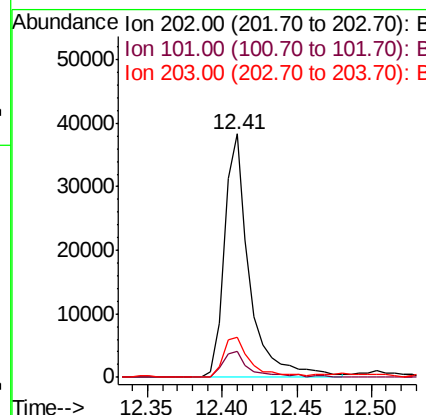
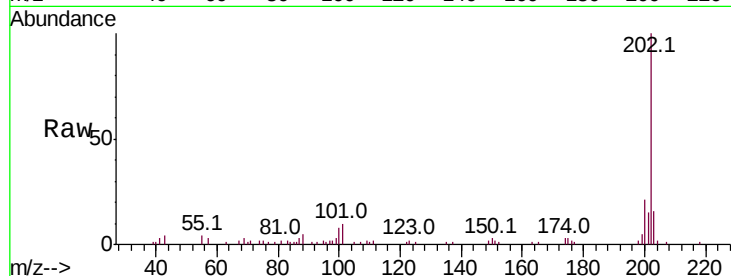
#74
 Fluoranthene
 Concen: 3.621 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF109687.D
 Acq: 9 Oct 2018 10:14

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	45070		
101	10.5	0.0	31.4	
203	16.5	0.0	37.7	

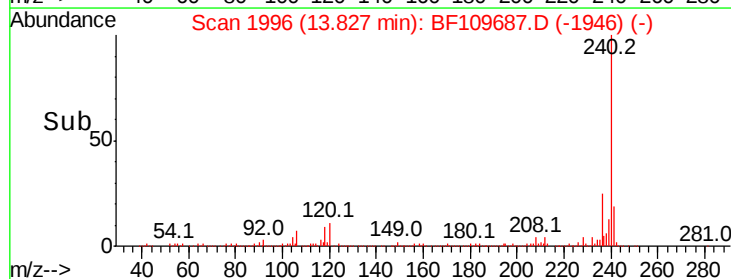
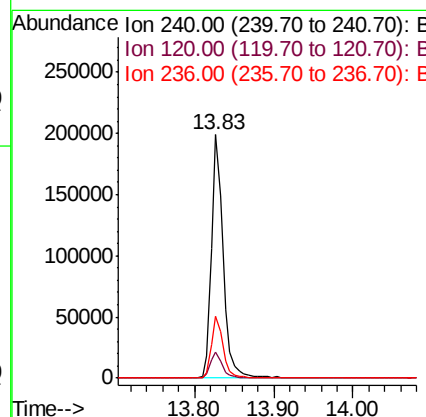
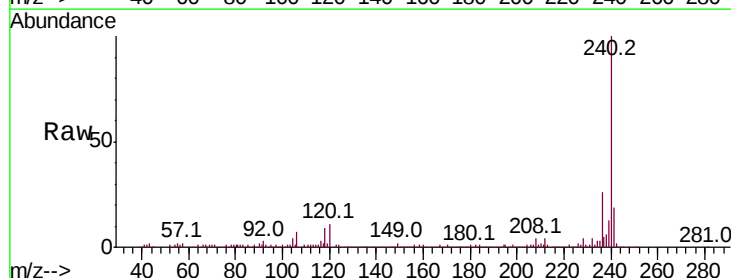
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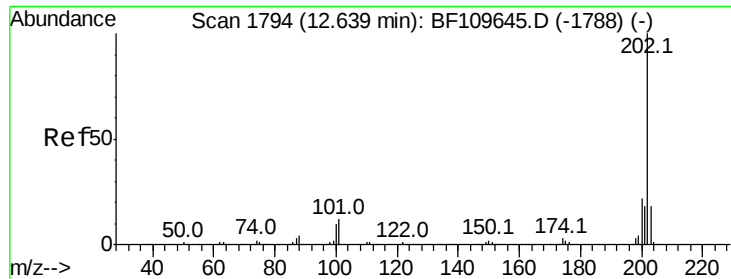
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109687.D
 Acq: 9 Oct 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	206320		
120	10.8	8.3	12.5	
236	25.6	21.2	31.8	





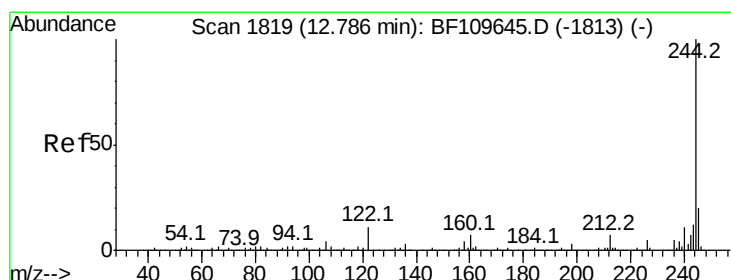
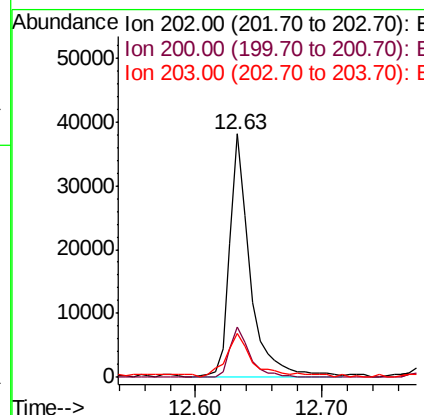
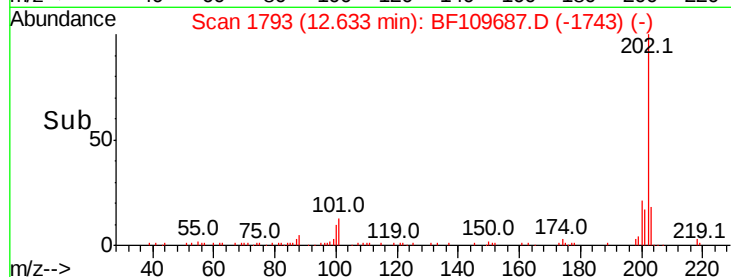
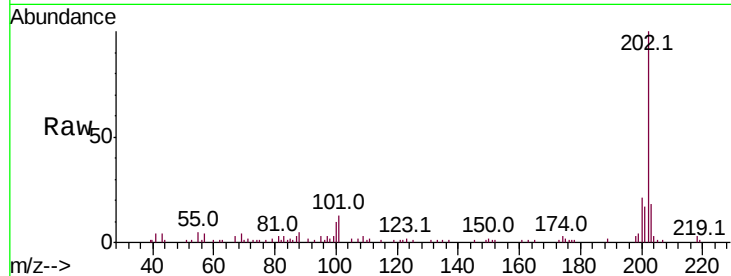
#77
Pvrene
Concen: 2.846 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109687.D
Acq: 9 Oct 2018 10:14

Instrument :
BNA_F
ClientSampleId :
S-25

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.9	14.2	21.4

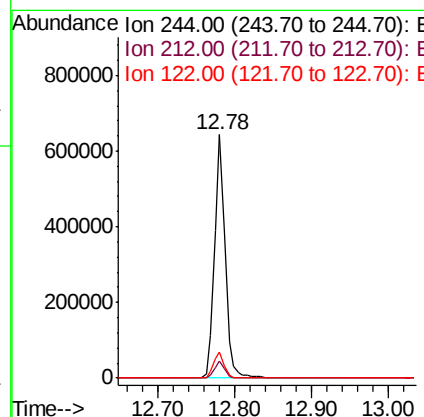
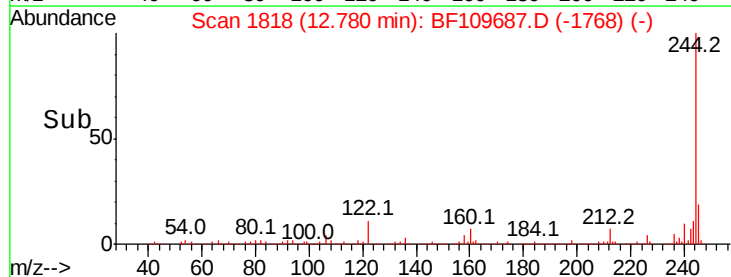
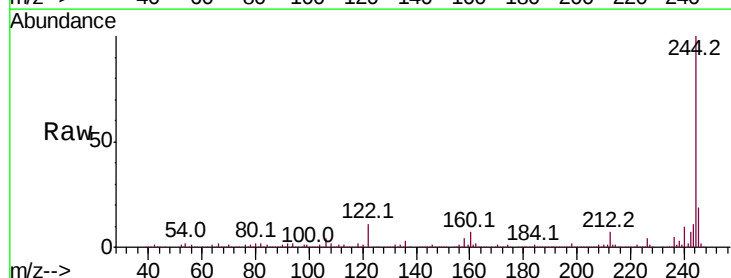
Manual Integrations
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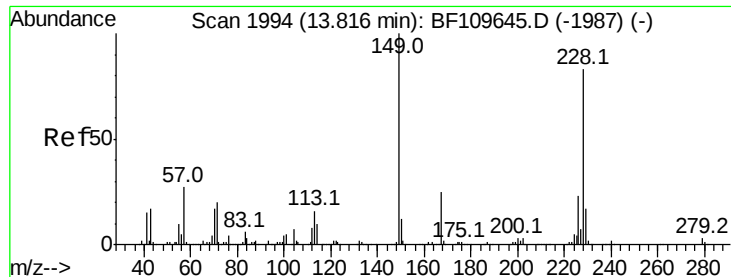
Sohil
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#78
Terphenyl-d14
Concen: 57.190 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109687.D
Acq: 9 Oct 2018 10:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.7	8.7	13.1





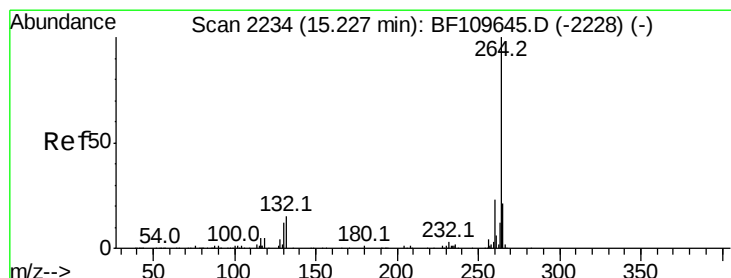
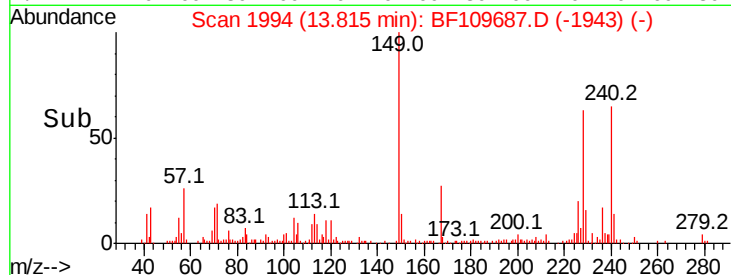
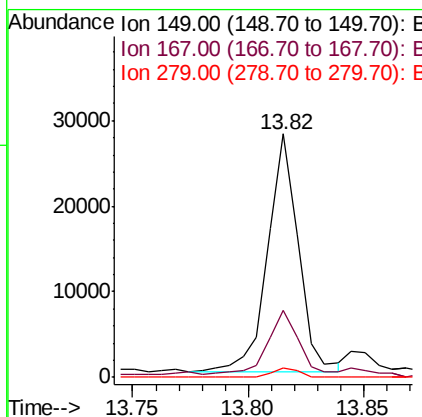
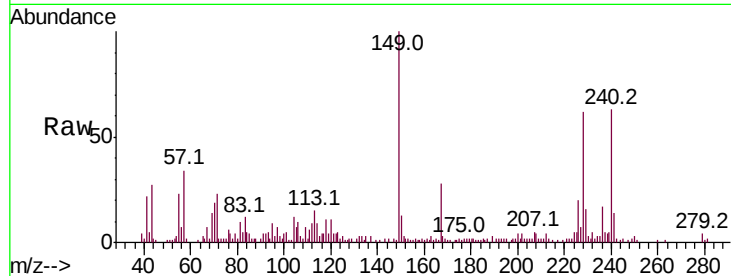
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.234 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109687.D
 Acq: 9 Oct 2018 10:14

Instrument :
 BNA_F
 ClientSampled :
 S-25

Tot Ion:	149	Resp:	25856
Ion Ratio	Lower	Upper	
149	100		
167	27.6	19.8	29.8
279	3.9	2.7	4.1

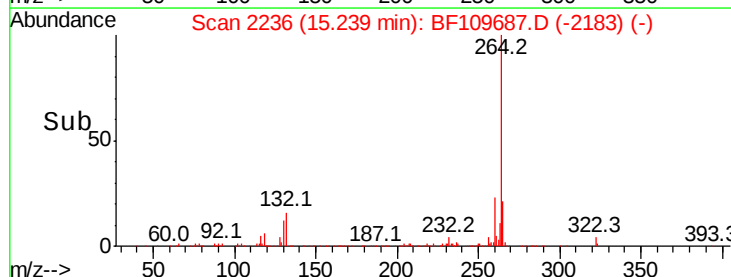
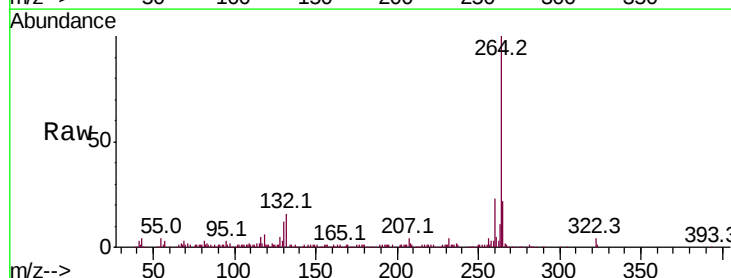
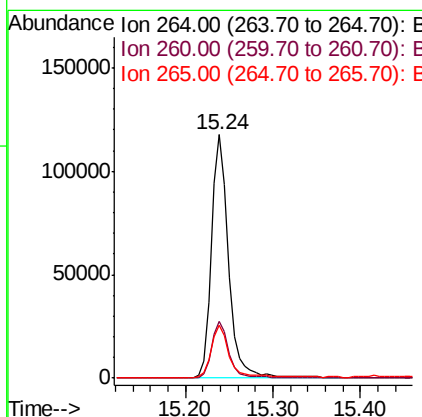
Manual Integrations
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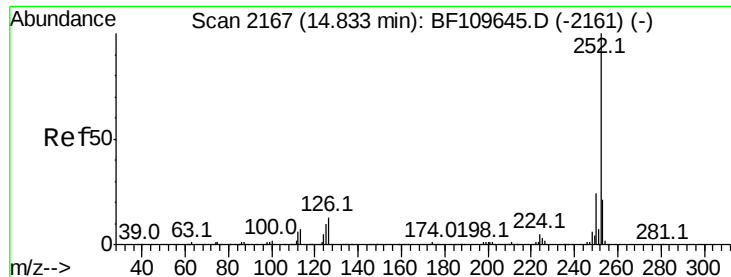
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.01 min
 Lab File: BF109687.D
 Acq: 9 Oct 2018 10:14

Tgt Ion:	264	Resp:	160498
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.7	28.1
265	21.8	16.7	25.1





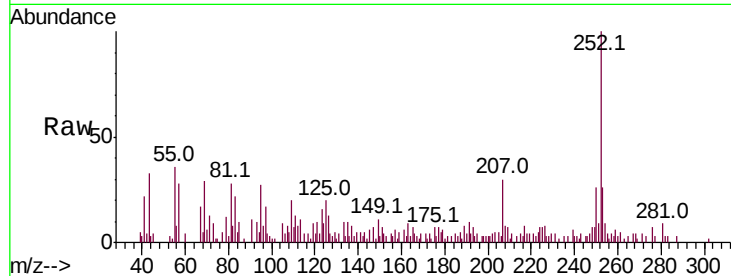
#87
 Benzo(b)fluoranthene
 Concen: 2.311 ng/ml
 RT: 14.85 min Scan# 2170
 Delta R.T. 0.02 min
 Lab File: BF109687.D
 Acq: 9 Oct 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :
 S-25

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.2	25.8
125	19.8	8.2	12.4

Manual Integrations
 APPROVED

Sohil
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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

