

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109730.D
 Acq On : 10 Oct 2018 7:40
 Operator : JU/SJ
 Sample : J5309-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-27

Manual Integrations
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Sohil
 10/10/2018 11:37:25 AM

Quant Time: Oct 10 08:33:57 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	76213	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	281294	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	110529	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	192728	20.00	ng	0.00
75) Chrysene-d12	13.83	240	205528	20.00	ng	0.00
86) Perylene-d12	15.22	264	156264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	438885	102.22	ng	0.00
7) Phenol-d6	6.35	99	627967	109.48	ng	-0.01
23) Nitrobenzene-d5	7.26	82	397131	77.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	108002	89.68	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	569735	70.99	ng	0.00
78) Terphenyl-d14	12.78	244	507567	47.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.44	163	104606	12.904	ng	99
70) Phenanthrene	11.23	178	20303	2.105	ng	100
74) Fluoranthene	12.41	202	49517	4.914	ng	97
77) Pyrene	12.63	202	44272	2.940	ng	98
80) Benzo(a)anthracene	13.82	228	23593	2.080	ng	99
87) Benzo(b)fluoranthene	14.83	252	22653m	2.623	ng	
89) Benzo(a)pyrene	15.17	252	17793	2.271	ng	# 88

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

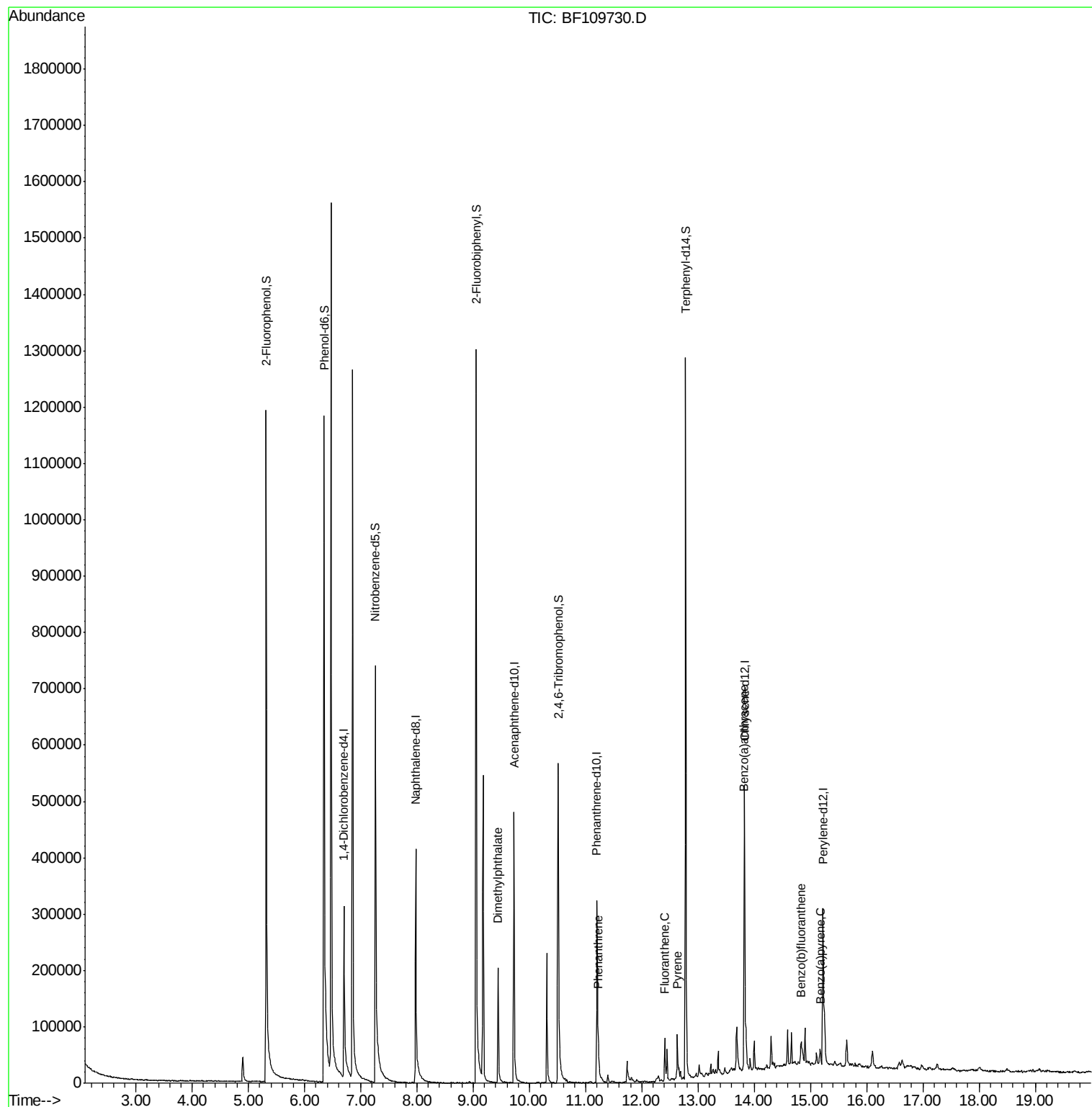
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109730.D
Acq On : 10 Oct 2018 7:40
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ALS Vial : 32 Sample Multiplier: 1

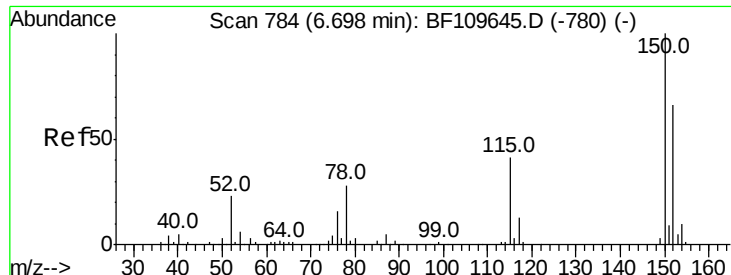
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

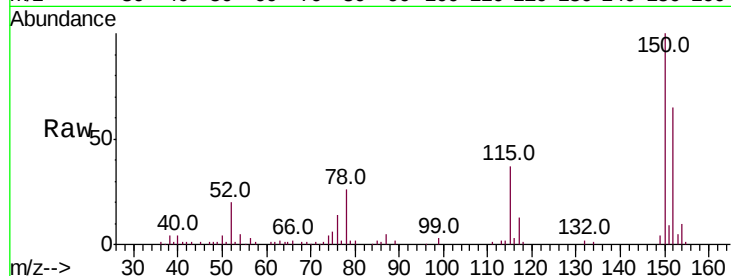
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	57.7	49.1	73.7

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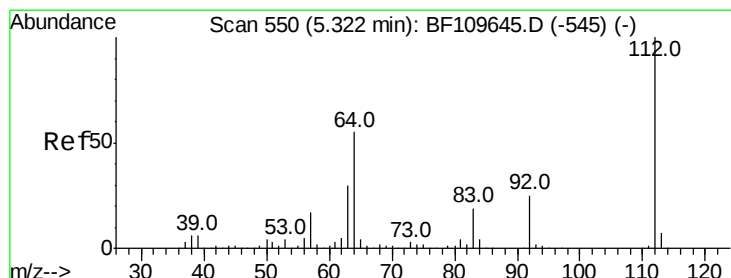
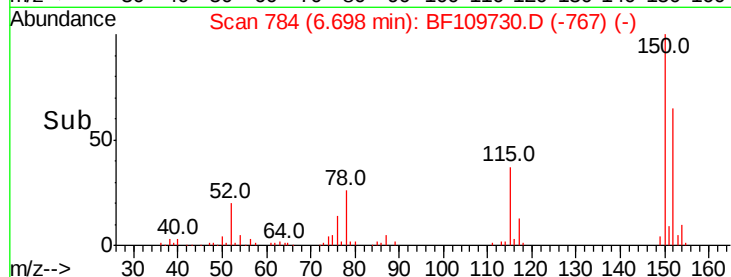
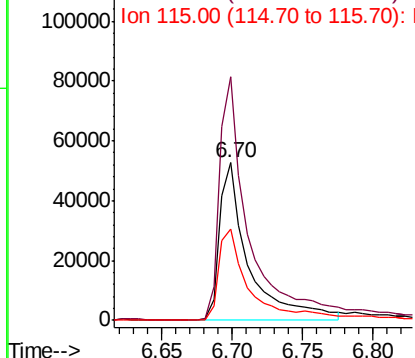


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

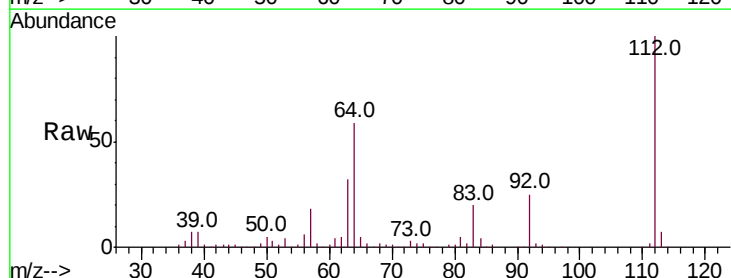
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.218 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	32.3	23.7	35.5

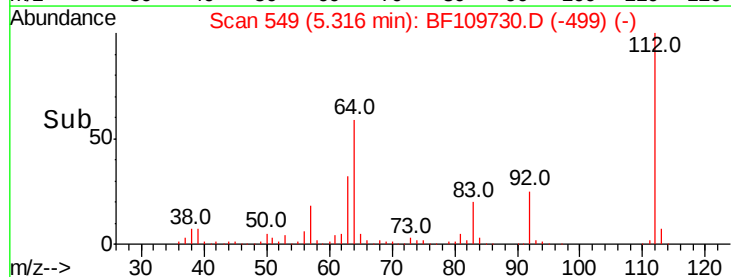
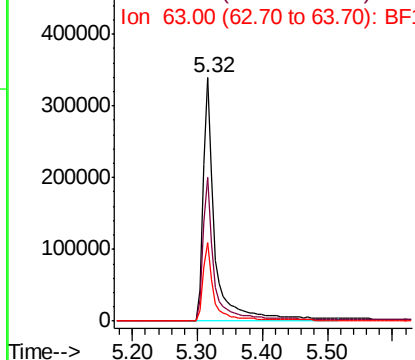


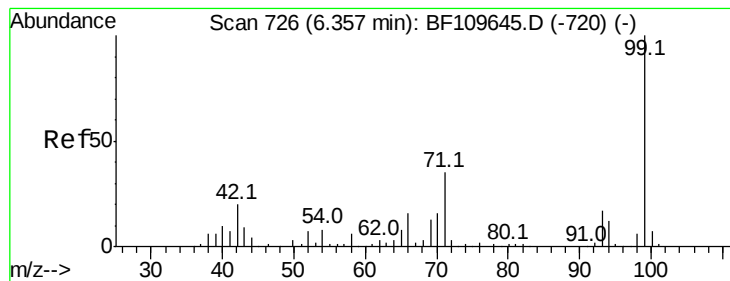
Abundance

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: 109.482 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109730.D

Acq: 10 Oct 2018 7:40

Instrument :

BNA_F

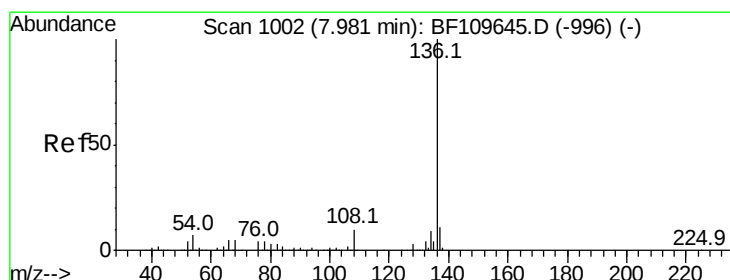
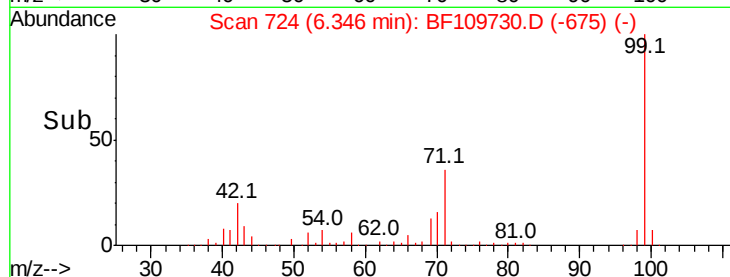
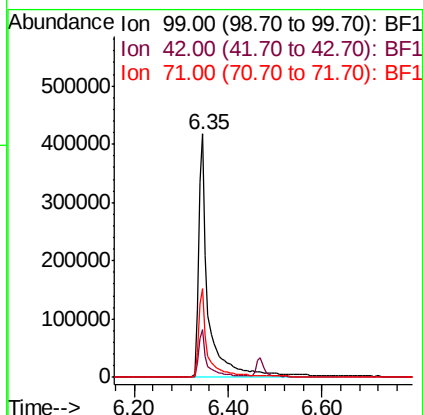
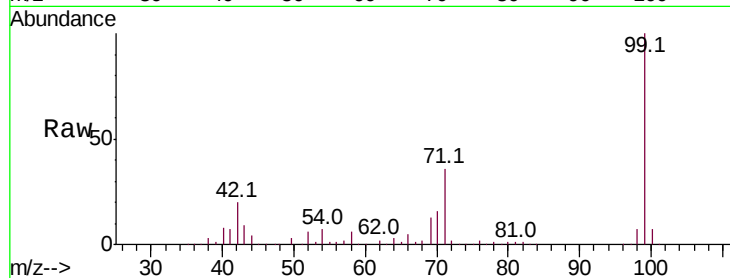
ClientSampled :

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Tot Ion:	99	Resp:	627967
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.8	23.6
71	36.4	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

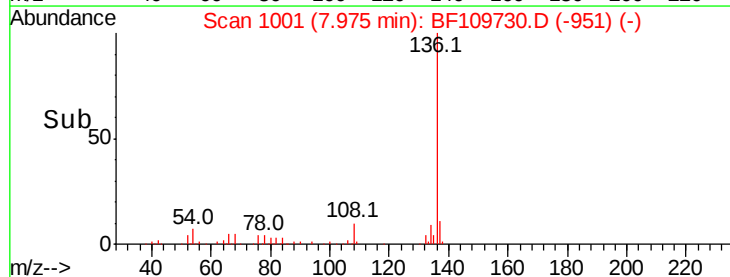
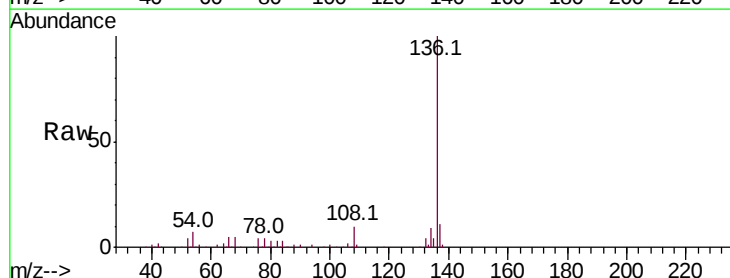
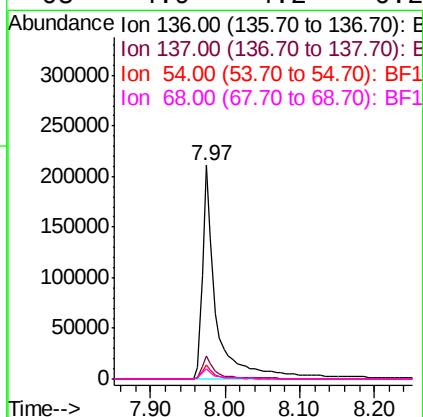
RT: 7.97 min Scan# 1001

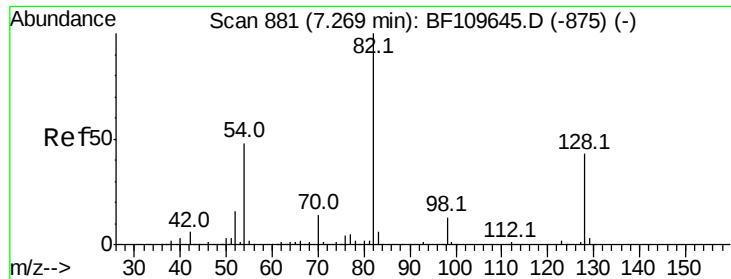
Delta R.T. -0.01 min

Lab File: BF109730.D

Acq: 10 Oct 2018 7:40

Tgt Ion:	136	Resp:	281294
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	6.6	5.4	8.2
68	4.9	4.2	6.2





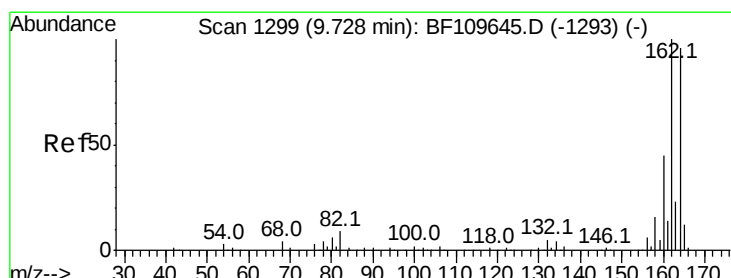
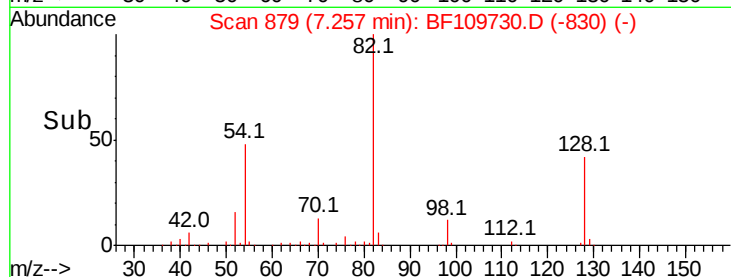
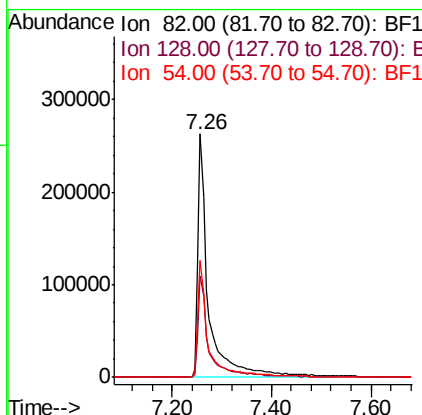
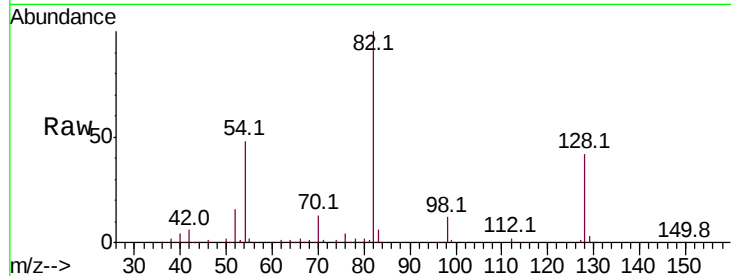
#23
Nitrobenzene-d5
Concen: 77.823 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Instrument :
BNA_F
ClientSampled :
S-27

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	34.2	51.2	
54	48.1	38.6	58.0	

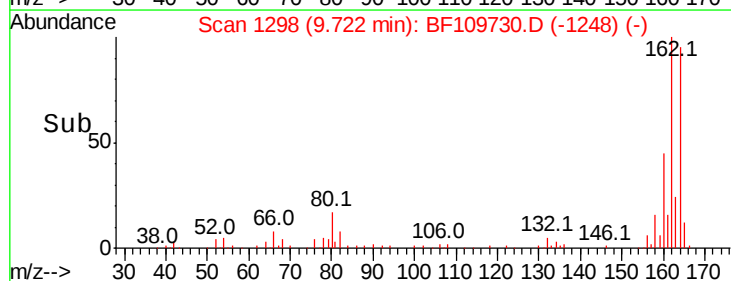
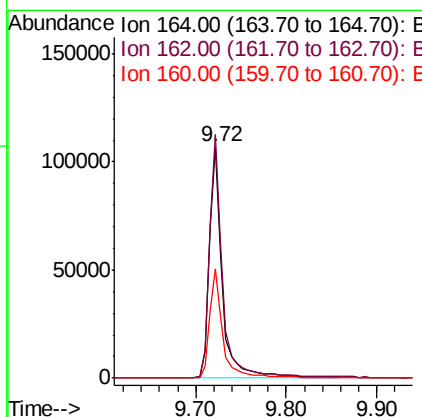
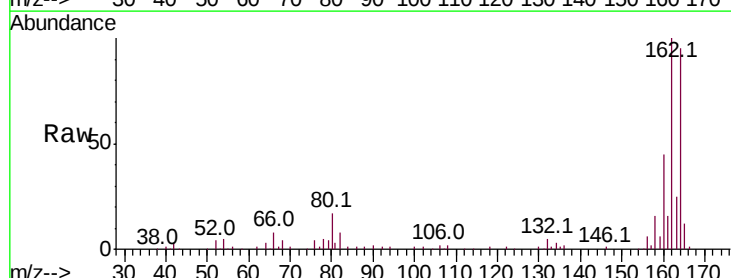
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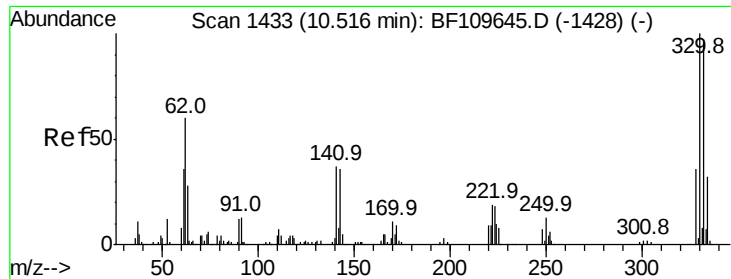
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	83.0	124.6	
160	47.1	37.0	55.6	





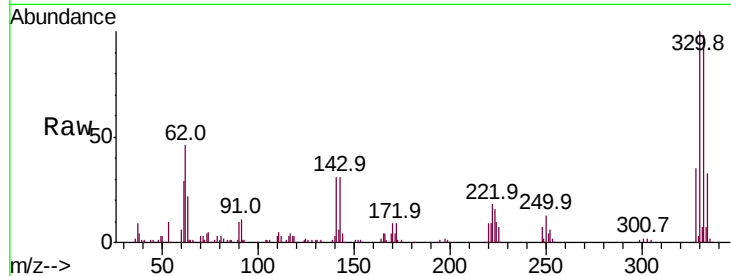
#41
 2,4,6-Tribromophenol
 Concen: 89.678 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109730.D
 Acq: 10 Oct 2018 7:40

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100	108002		
332	96.1		77.1	115.7
141	35.2		27.0	40.4

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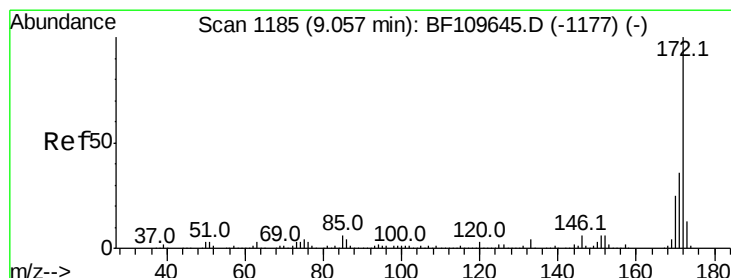
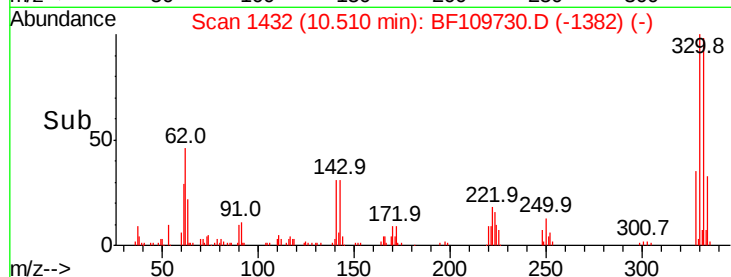
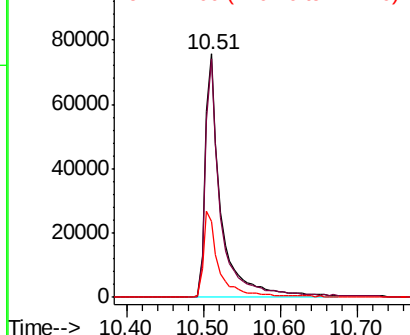


Abundance

Ion 329.80 (329.50 to 330.50): E

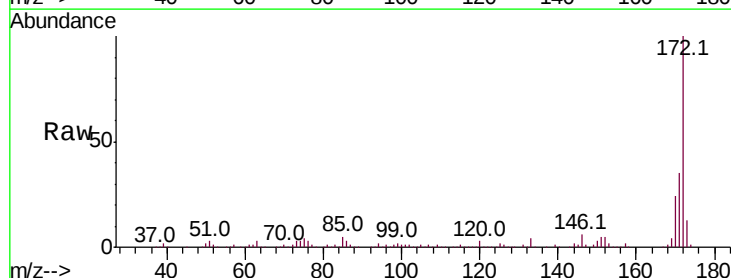
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.992 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109730.D
 Acq: 10 Oct 2018 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	569735		
171	35.3		28.6	43.0
170	23.5		19.7	29.5

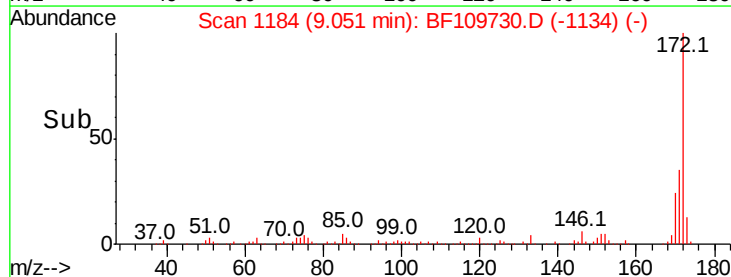
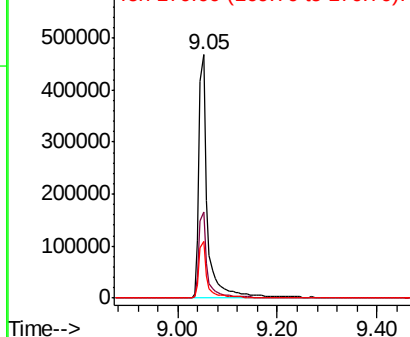


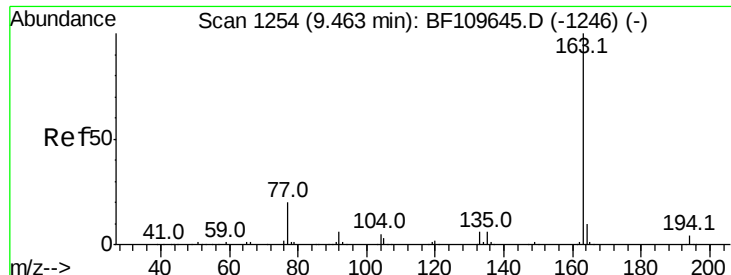
Abundance

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





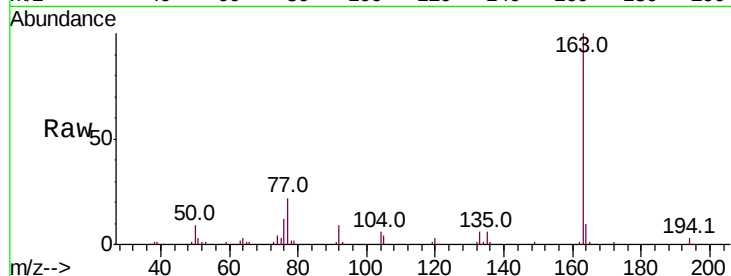
#49
Dimethylphthalate
Concen: 12.904 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Instrument :
BNA_F
ClientSampleId :
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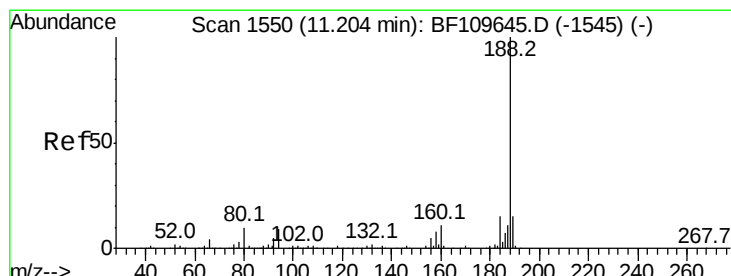
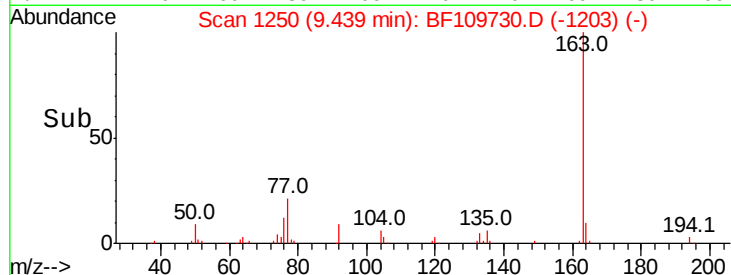
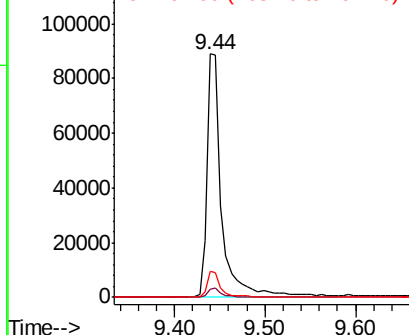
Tot Ion	Ratio	Resp	Lower	Upper
163	100	104606		
194	3.5		3.2	4.8
164	10.5		8.1	12.1

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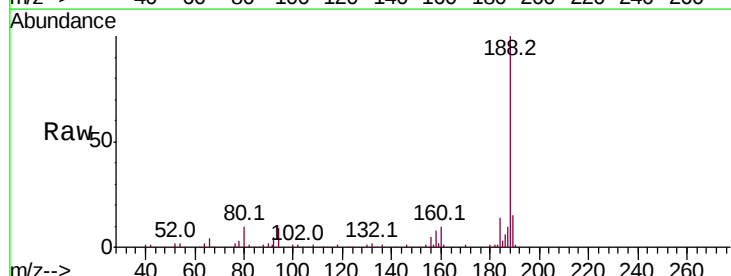


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

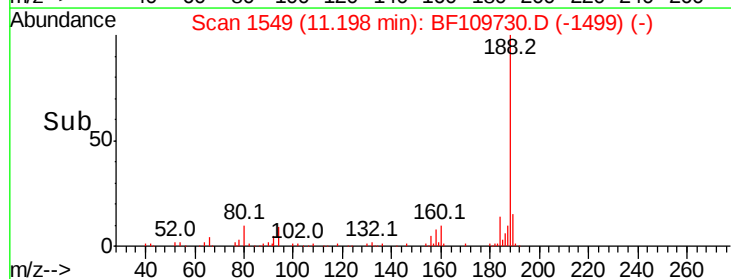
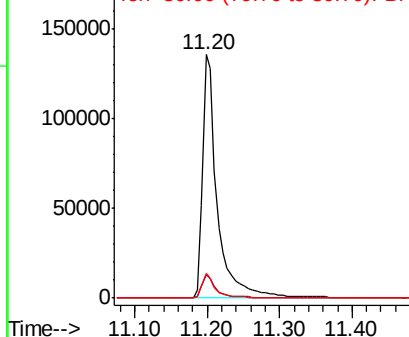


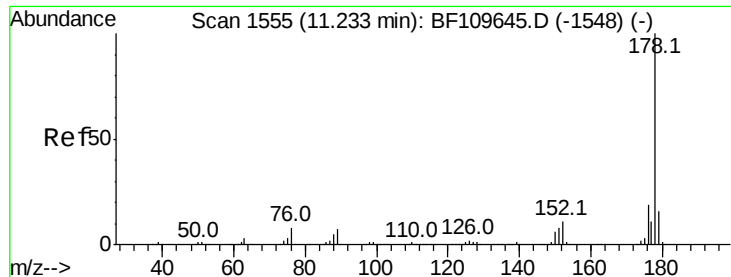
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	192728		
94	9.4		7.2	10.8
80	10.3		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





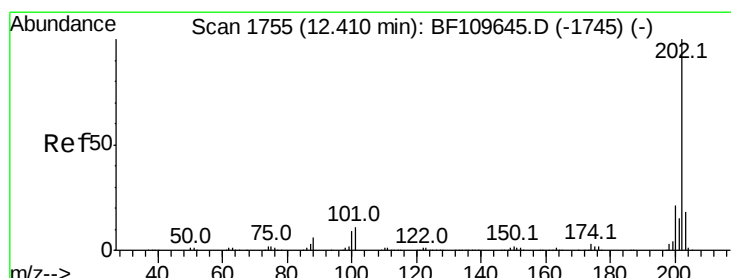
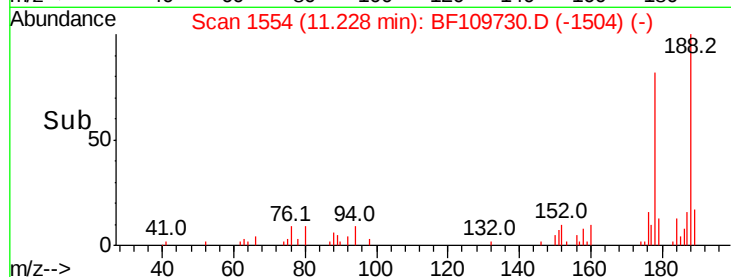
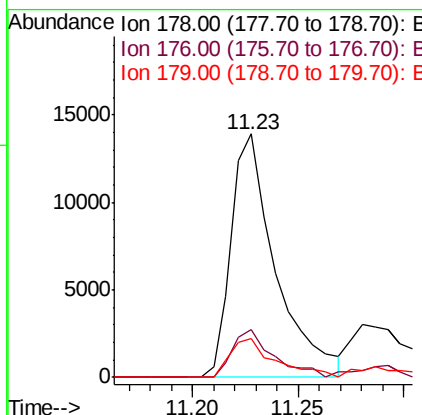
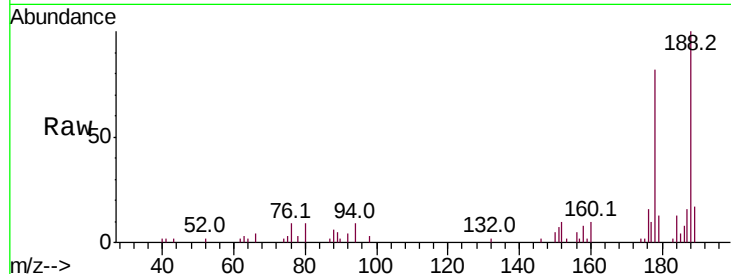
#70
Phenanthrene
Concen: 2.105 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.7	12.5	18.7

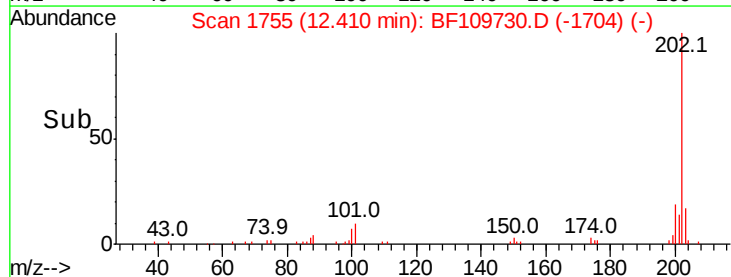
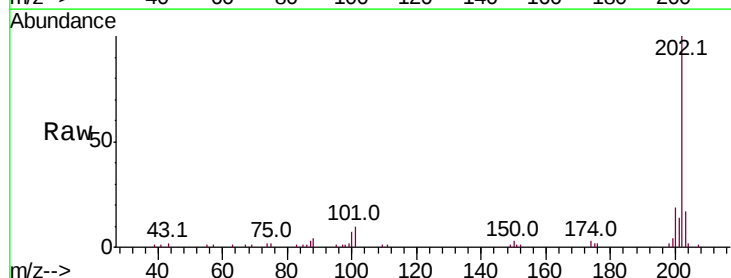
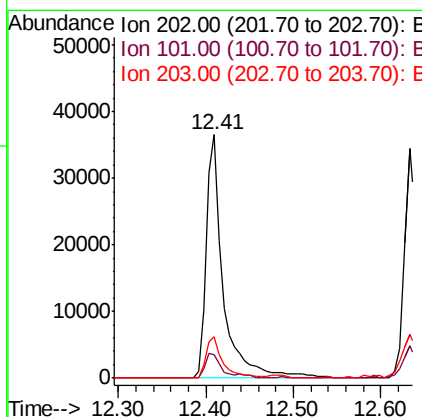
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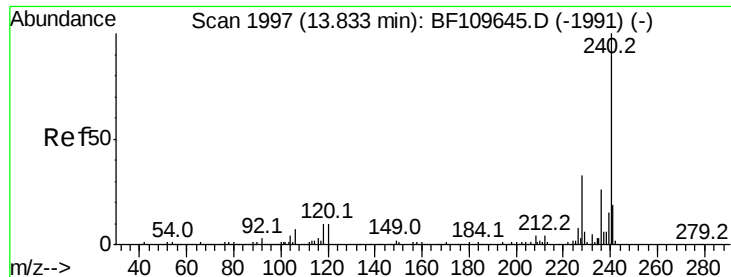
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#74
Fluoranthene
Concen: 4.914 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.4
203	16.9	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: BF109730.D

Acq: 10 Oct 2018 7:40

Instrument :

BNA_F

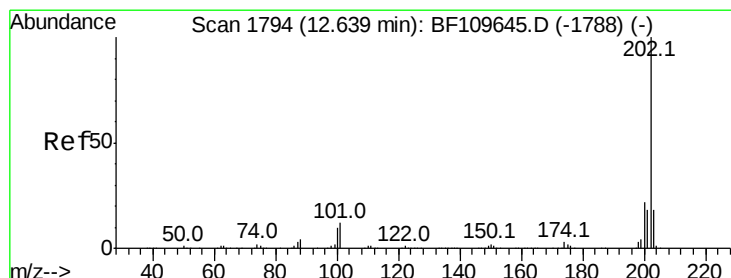
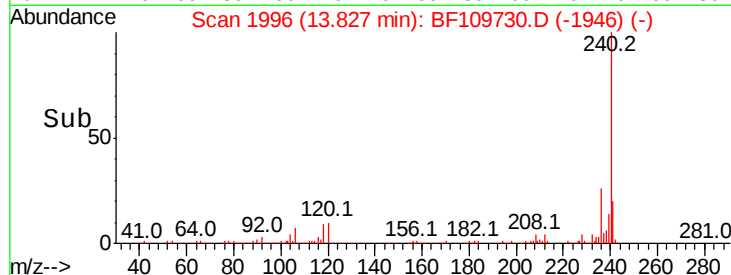
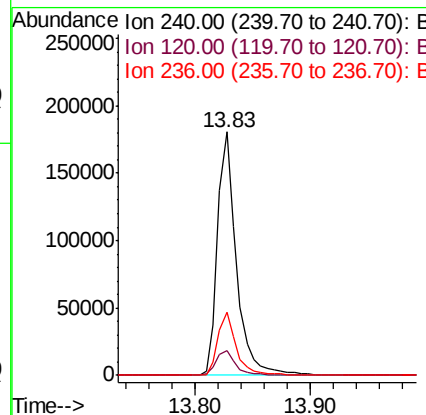
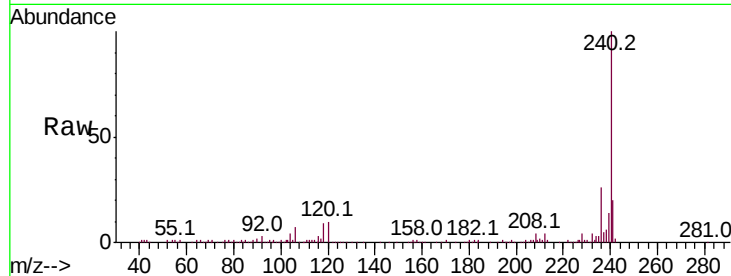
ClientSampled :

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Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.1	8.3	12.5	
236	26.1	21.2	31.8	

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#77

Pyrene

Concen: 2.940 ng

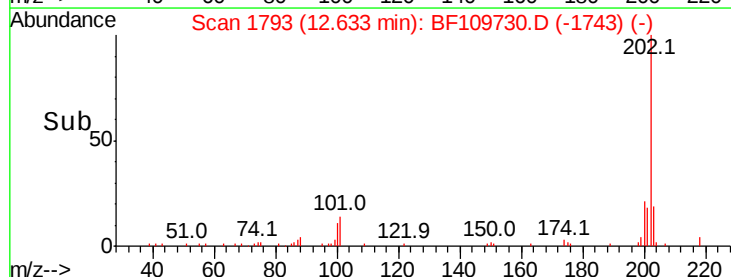
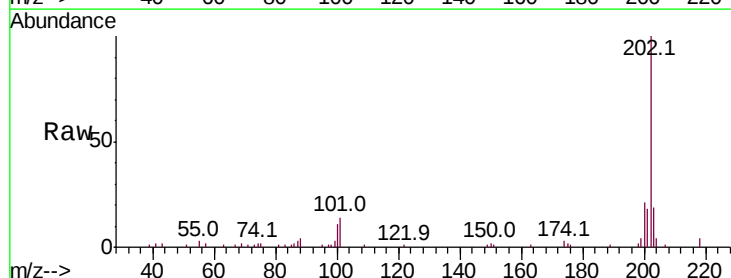
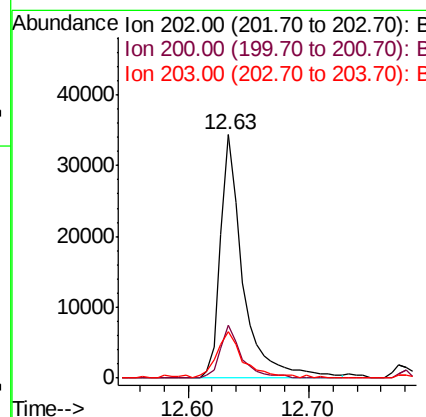
RT: 12.63 min Scan# 1793

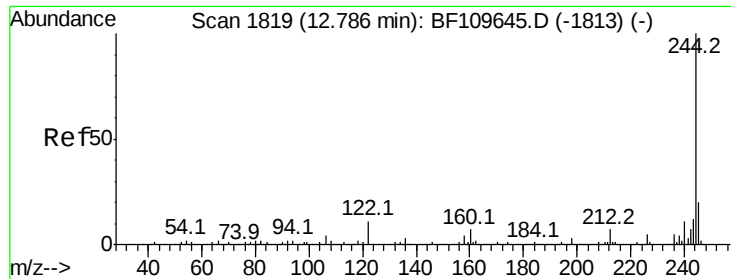
Delta R.T. -0.01 min

Lab File: BF109730.D

Acq: 10 Oct 2018 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.5	17.8	26.6	
203	19.3	14.2	21.4	





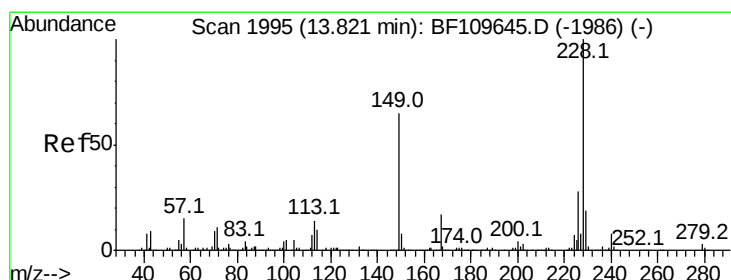
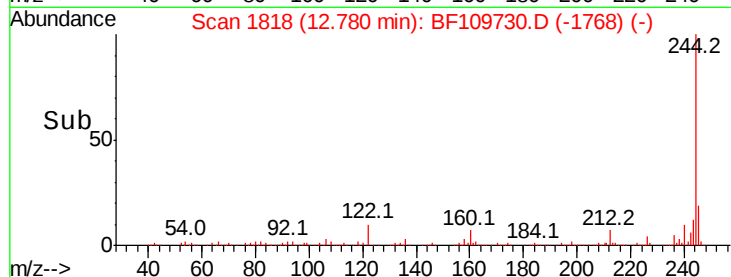
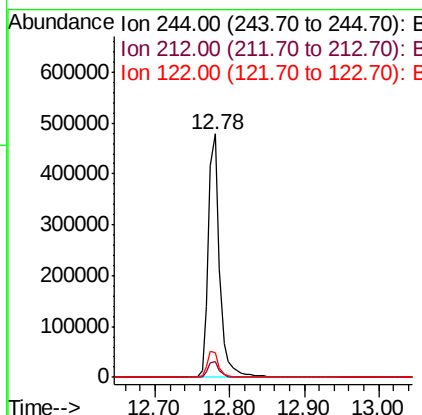
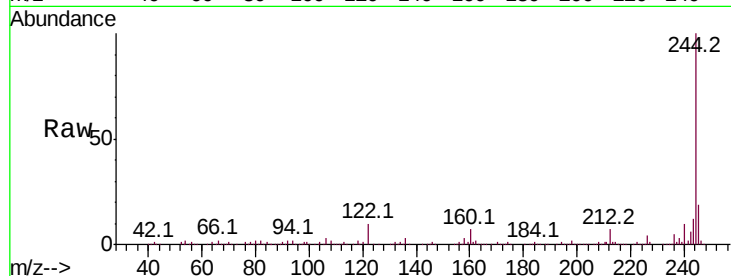
#78
 Terphenyl-d14
 Concen: 47.807 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109730.D
 Acq: 10 Oct 2018 7:40

Instrument :
 BNA_F
 ClientSampleId :
 S-27

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.8	8.8	
122	10.0	8.7	13.1	

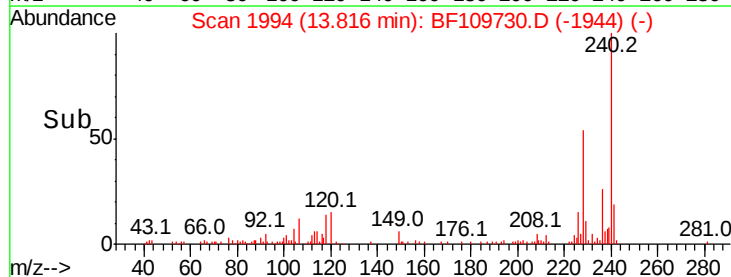
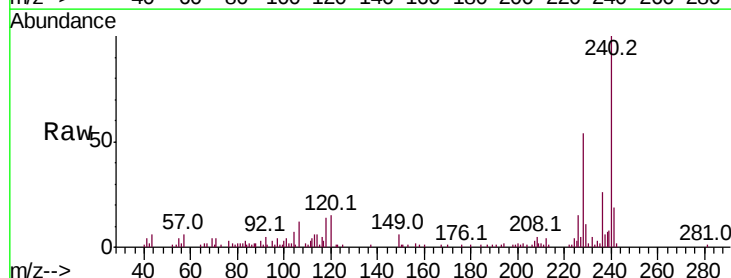
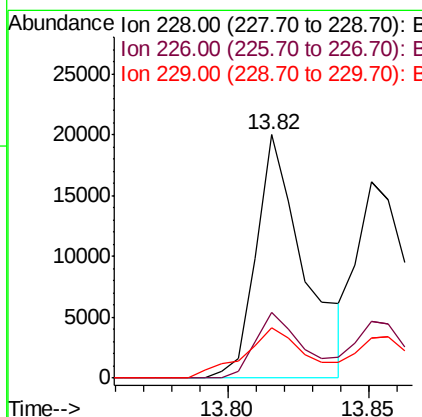
Manual Integrations
 APPROVED

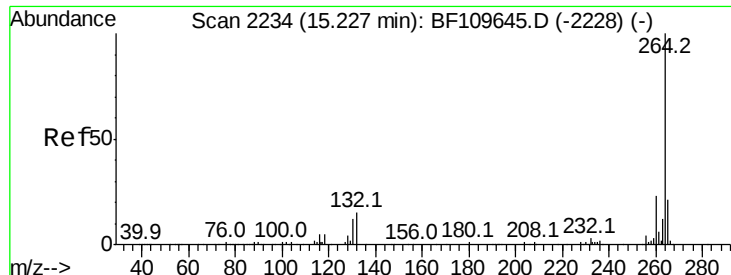
Sohil
 10/10/2018 11:37:25 AM



#80
 Benzo(a)anthracene
 Concen: 2.080 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF109730.D
 Acq: 10 Oct 2018 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.2	22.1	33.1	
229	20.5	15.6	23.4	





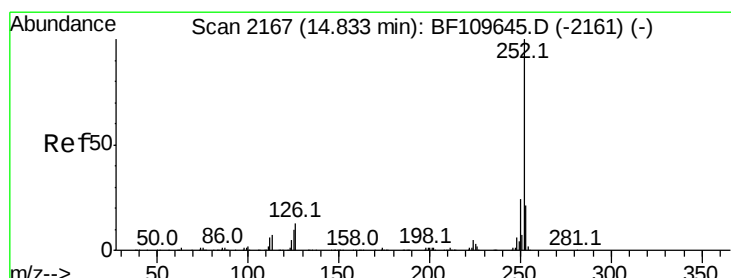
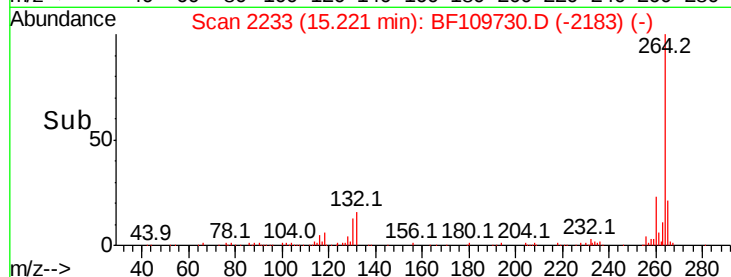
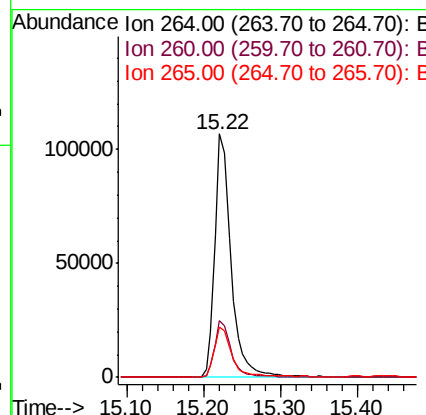
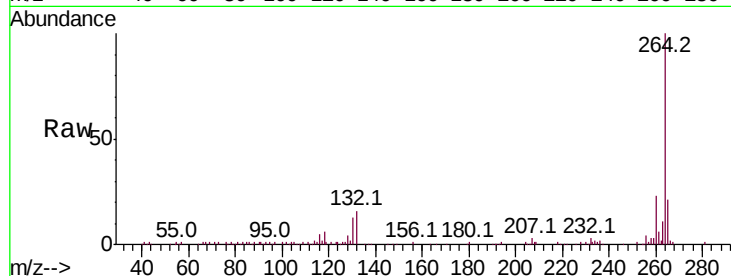
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Instrument :
BNA_F
ClientSampled :
S-27

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.7	16.7	25.1

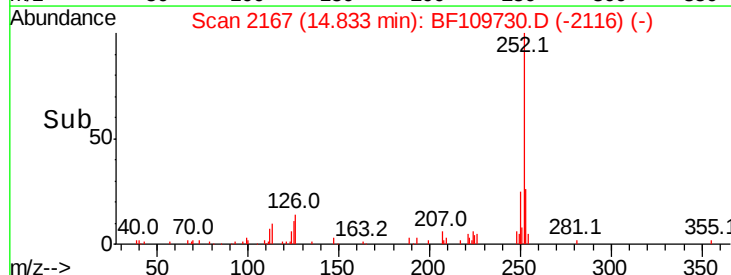
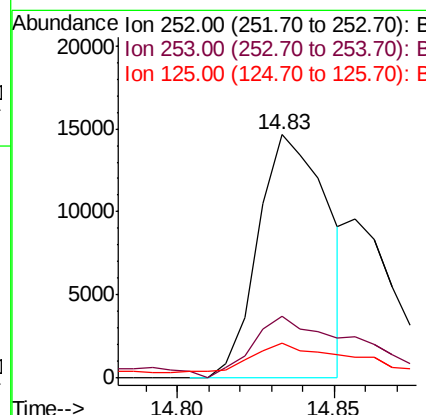
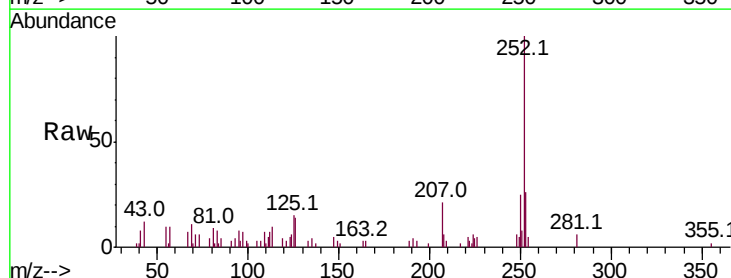
Manual Integrations
APPROVED

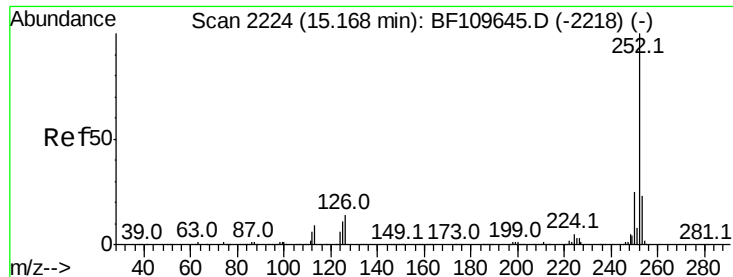
Sohil
10/10/2018 11:37:25 AM



#87
Benzo(b)fluoranthene
Concen: 2.623 ng m
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF109730.D
Acq: 10 Oct 2018 7:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	14.5	8.2	12.4#





#89

Benzo(a)pyrene

Concen: 2.271 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF109730.D

Acq: 10 Oct 2018 7:40

Instrument :

BNA_F

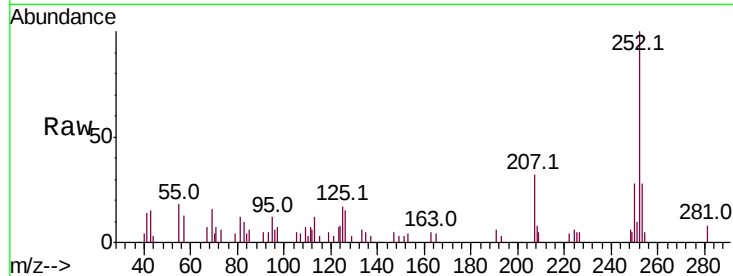
ClientSampleId :

S-27

Tot Ion:	252	Resp:	17793
Ion Ratio	Lower	Upper	
252	100		
253	28.2	18.2	27.4#
125	16.7	9.0	13.6#

Manual Integrations
APPROVED

Sohil
10/10/2018 11:37:25 AM



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

