

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106685.D
 Acq On : 22 Jun 2018 2:15
 Operator : JU/SJ
 Sample : J3523-05 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA1(D)

Manual Integrations
 APPROVED

Sohil
 6/22/2018 10:23:38 AM

Quant Time: Jun 22 04:28:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56601	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	201993	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	93017	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	191452	20.00	ng	0.00
75) Chrysene-d12	14.15	240	157467	20.00	ng	0.00
86) Perylene-d12	15.68	264	116932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	84421	25.26	ng	0.00
7) Phenol-d6	6.60	99	105260	25.22	ng	0.00
23) Nitrobenzene-d5	7.52	82	56049	15.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	19689	18.26	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	100005	4.17	ng	-0.01
78) Terphenyl-d14	13.08	244	127669	19.64	ng	0.00
Target Compounds						
70) Phenanthrene	11.52	178	24046	2.604	ng	99
74) Fluoranthene	12.71	202	37374	3.672	ng	95
77) Pyrene	12.94	202	34636	3.336	ng	97
87) Benzo(b)fluoranthene	15.22	252	18363m	2.528	ng	

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

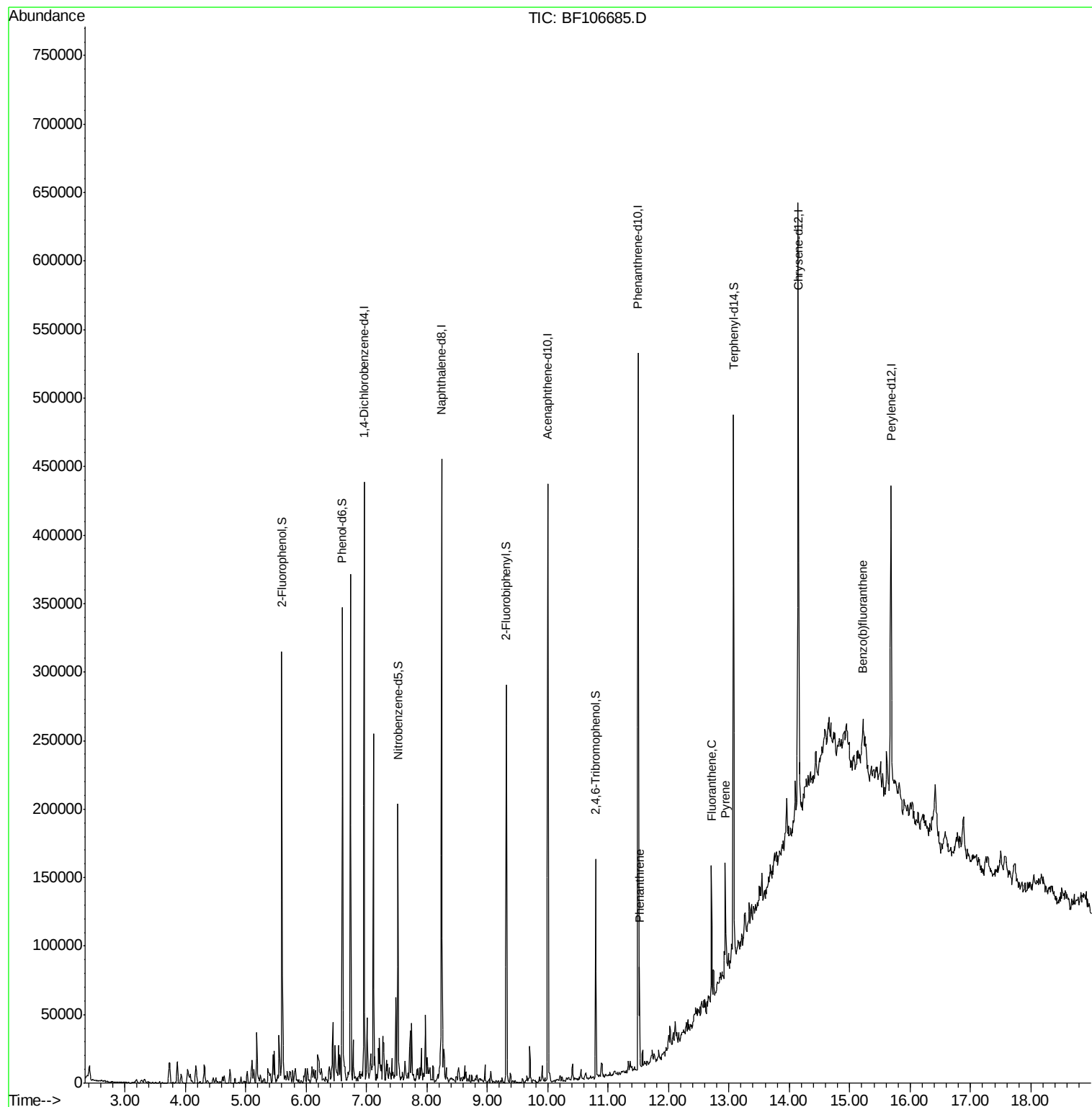
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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Acq On : 22 Jun 2018 2:15
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#1

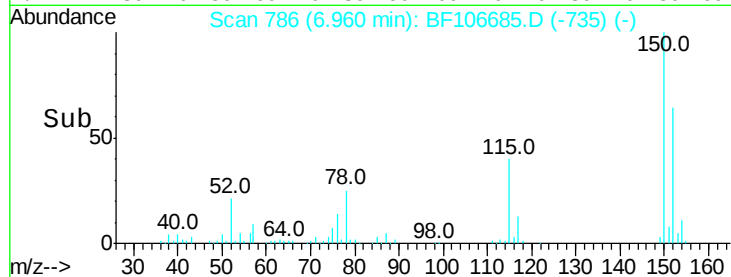
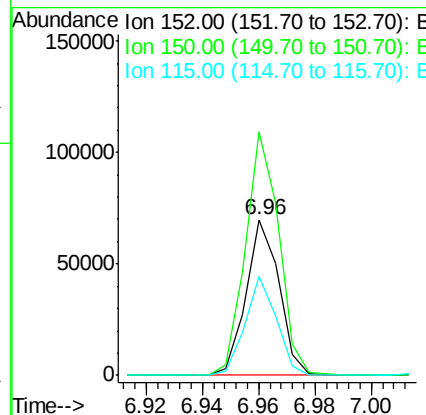
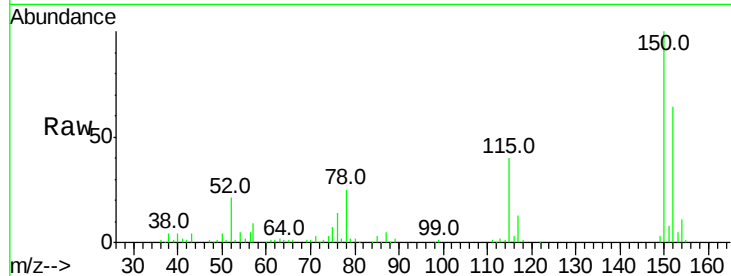
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106685.D
Acq: 22 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
AREA1(D)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	63.4	50.1	75.1

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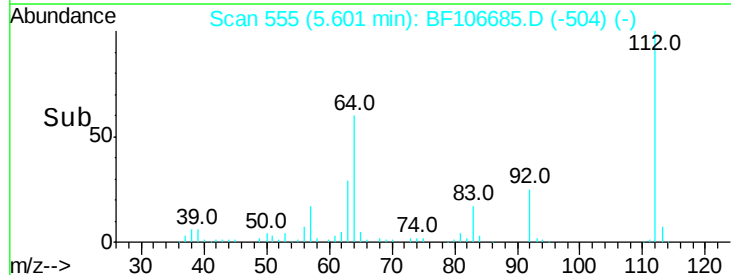
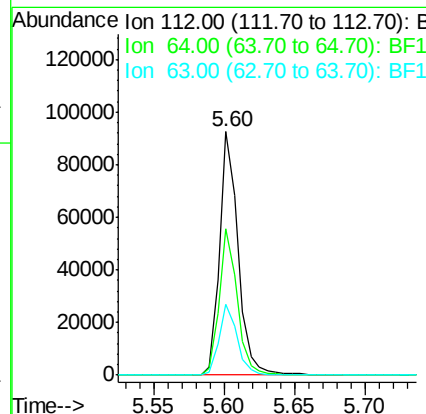
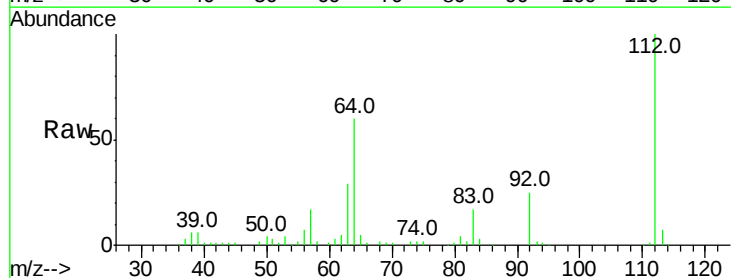
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#5

2-Fluorophenol
Concen: 25.256 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106685.D
Acq: 22 Jun 2018 2:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 25.216 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106685.D

Acq: 22 Jun 2018 2:15

Instrument :

BNA_F

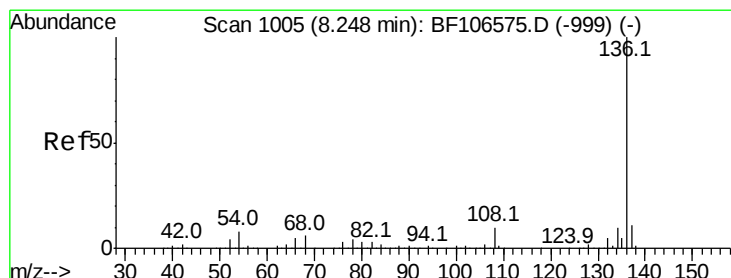
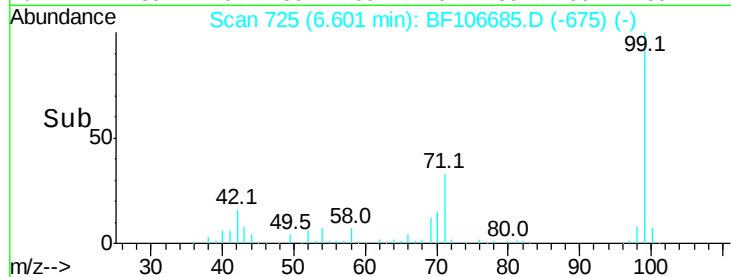
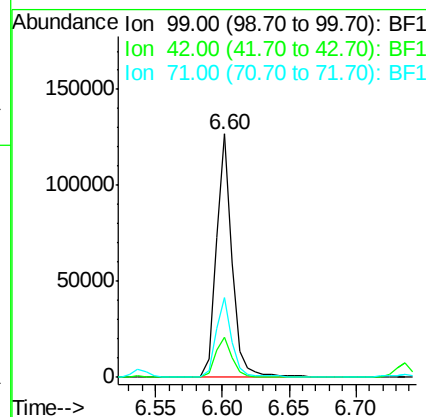
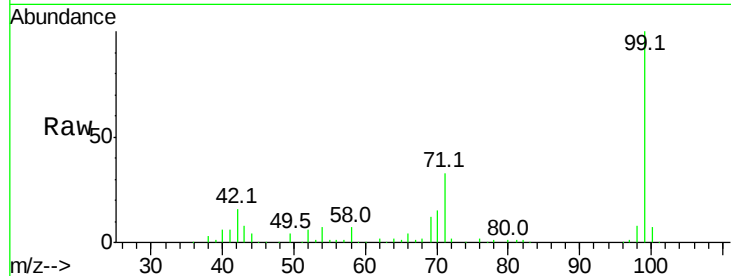
ClientSampleId :

AREA1(D)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		105260		
42	16.4	14.5	21.7		
71	32.9	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

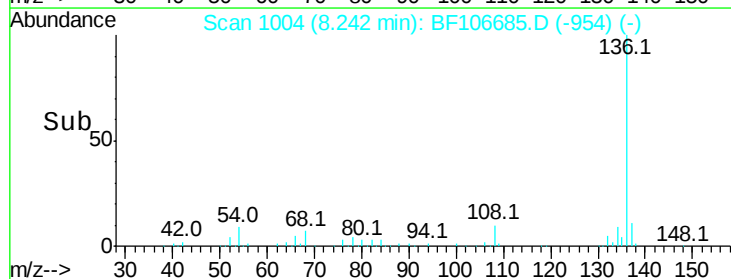
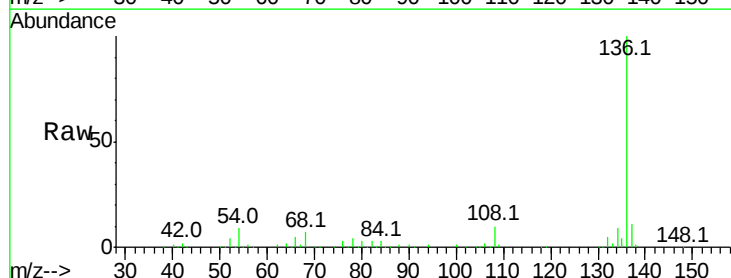
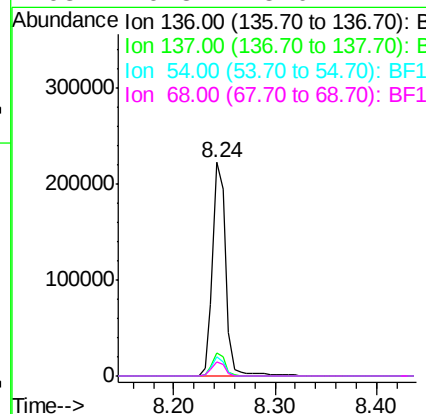
RT: 8.24 min Scan# 1004

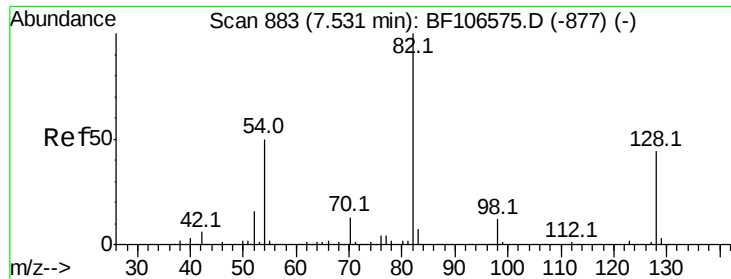
Delta R.T. -0.01 min

Lab File: BF106685.D

Acq: 22 Jun 2018 2:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		201993		
137	11.0	8.9	13.3		
54	9.1	6.6	9.8		
68	6.8	5.0	7.4		





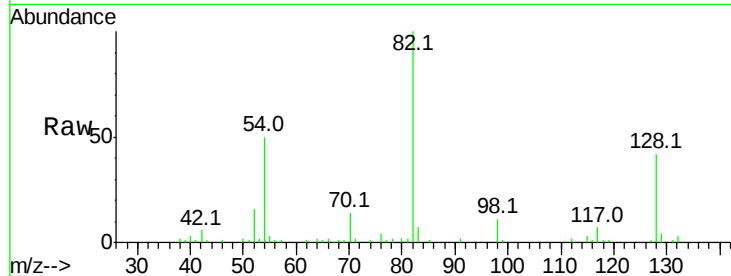
#23
 Nitrobenzene-d5
 Concen: 15.421 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106685.D
 Acq: 22 Jun 2018 2:15

Instrument :
 BNA_F
 ClientSampled :
 AREA1(D)

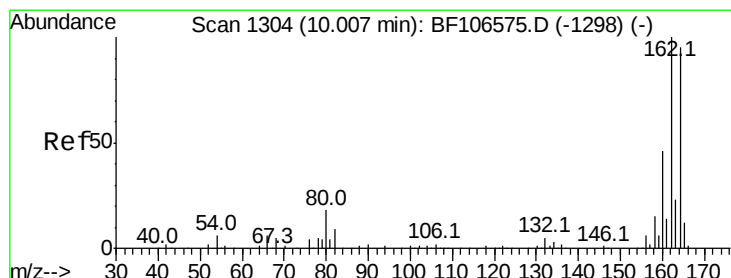
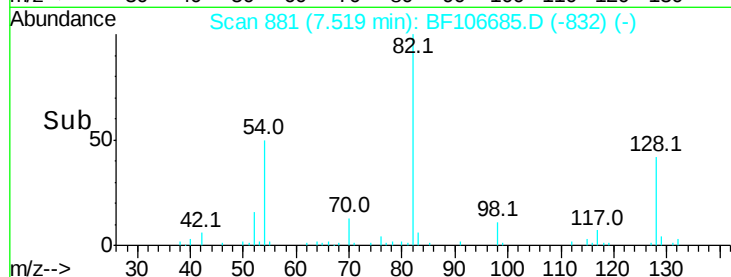
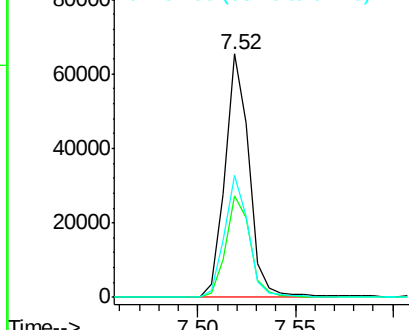
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	50.0	41.4	62.2

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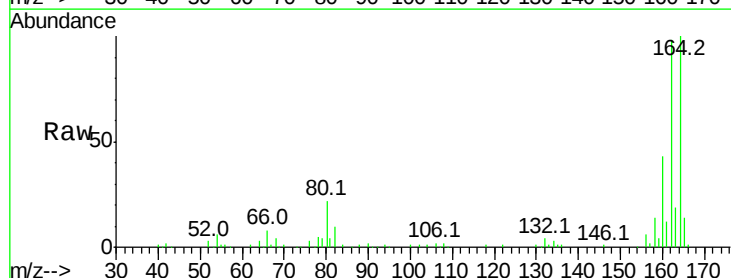


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

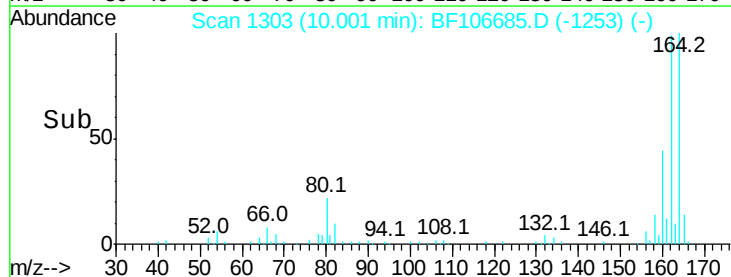
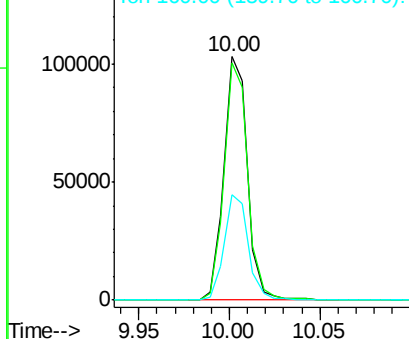


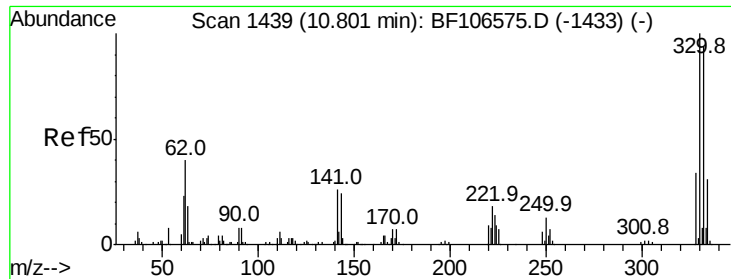
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106685.D
 Acq: 22 Jun 2018 2:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	86.1	129.1
160	43.1	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





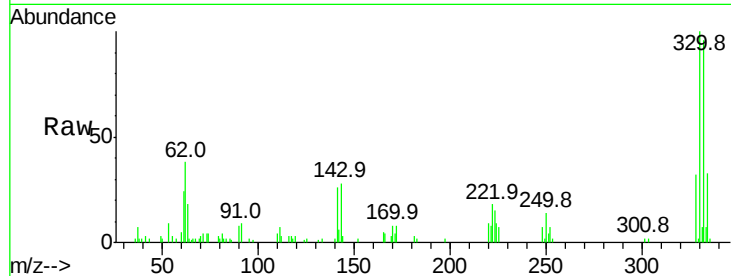
#41
 2,4,6-Tribromophenol
 Concen: 18.263 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106685.D
 Acq: 22 Jun 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 AREA1(D)

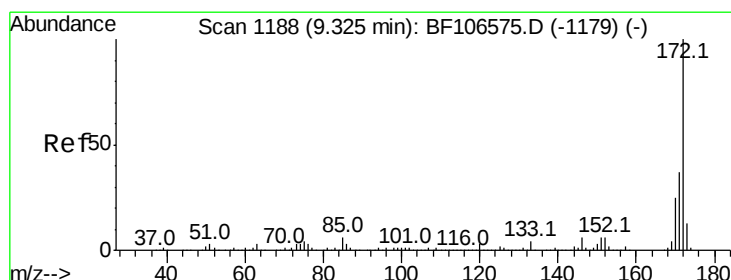
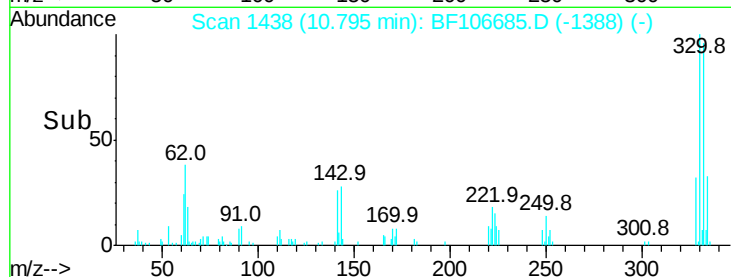
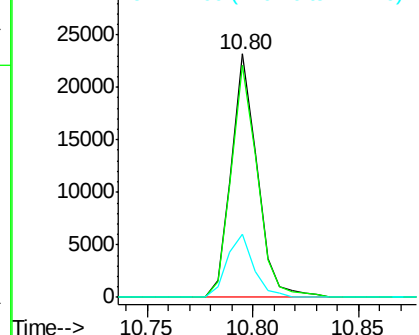
Tot Ion	Ratio	Resp	Lower	Upper
330	100	19689		
332	96.5	77.0	115.6	
141	26.7	29.9	44.9#	

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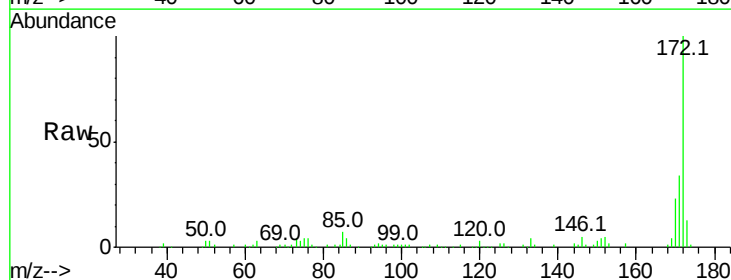


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

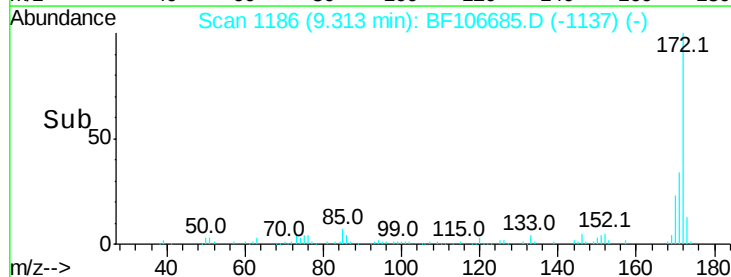
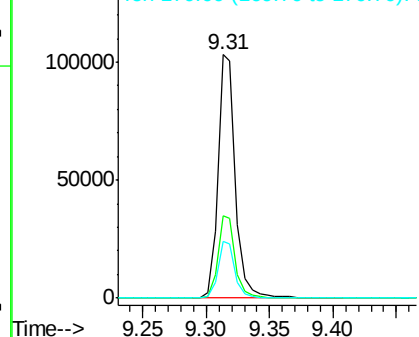


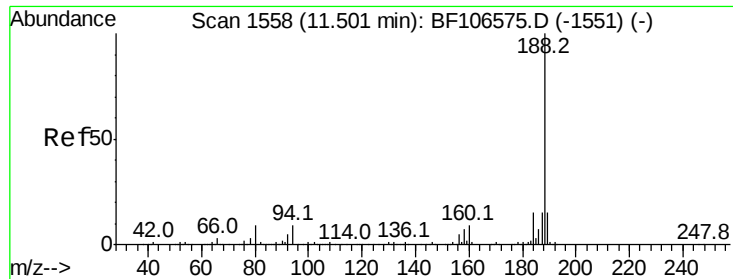
#44
 2-Fluorobiphenyl
 Concen: 4.170 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106685.D
 Acq: 22 Jun 2018 2:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	100005		
171	33.9	29.7	44.5	
170	23.3	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





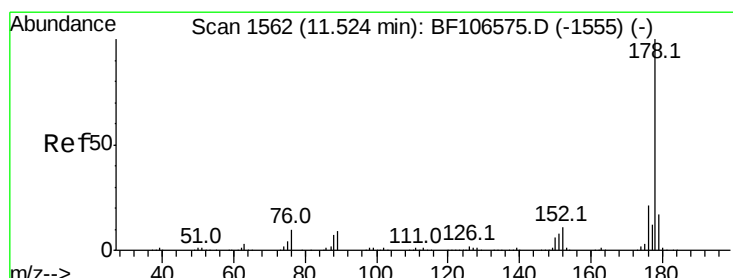
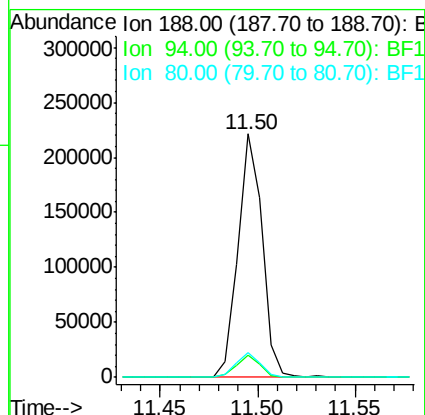
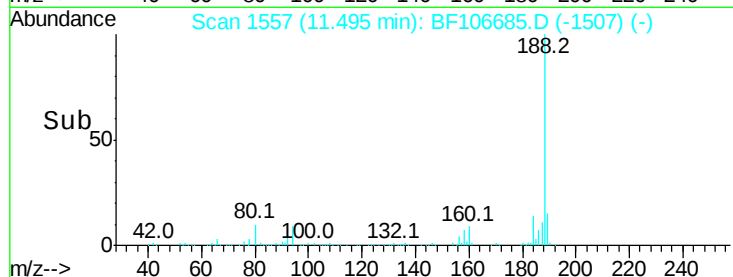
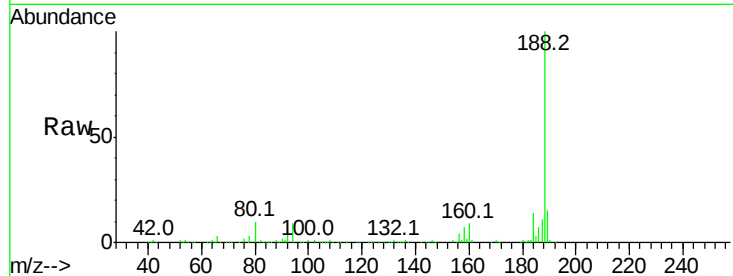
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106685.D
 Acq: 22 Jun 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 AREA1(D)

Tot Ion:	188	Resp:	191452
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.5	12.7
80	10.4	9.2	13.8

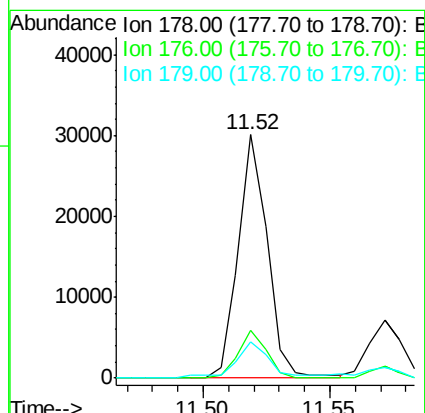
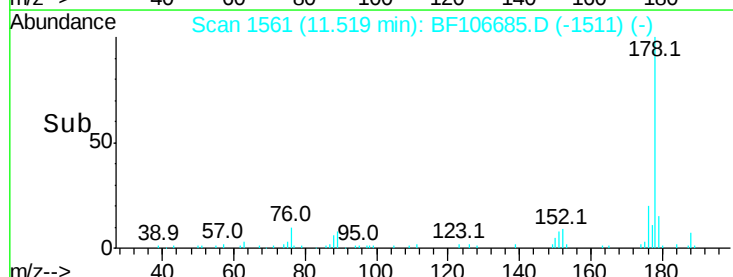
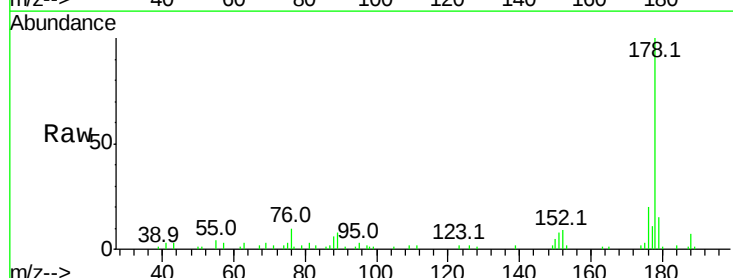
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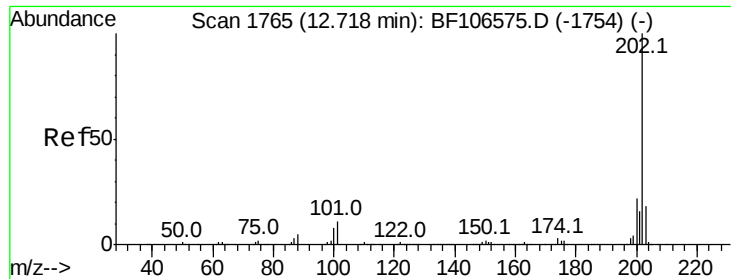
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#70
 Phenanthrene
 Concen: 2.604 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106685.D
 Acq: 22 Jun 2018 2:15

Tgt Ion:	178	Resp:	24046
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.1	13.0	19.6





#74

Fluoranthene

Concen: 3.672 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106685.D

Acq: 22 Jun 2018 2:15

Instrument :

BNA_F

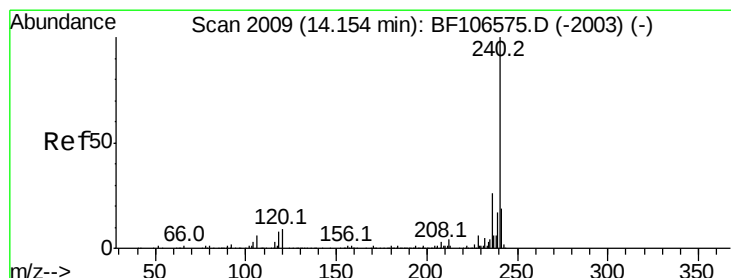
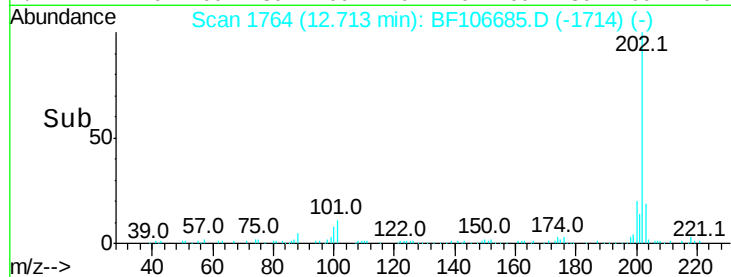
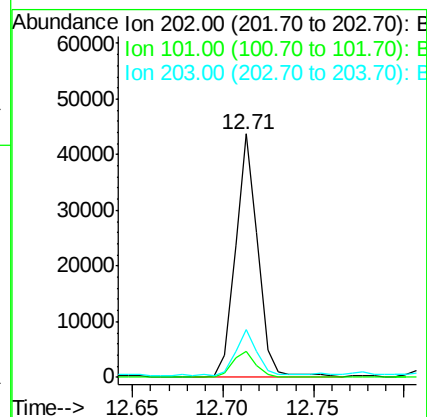
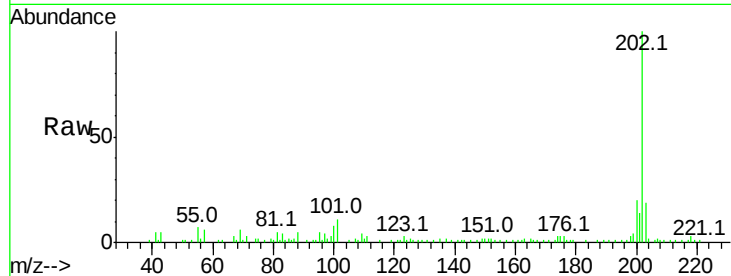
ClientSampleId :

AREA1(D)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	37374		
101	10.5	0.0	34.1	
203	19.4	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

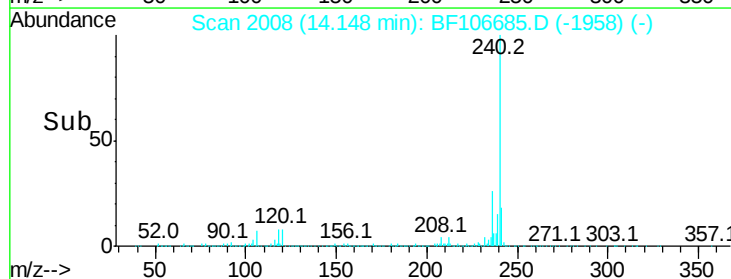
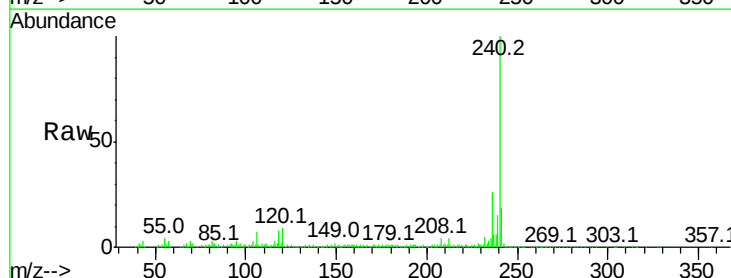
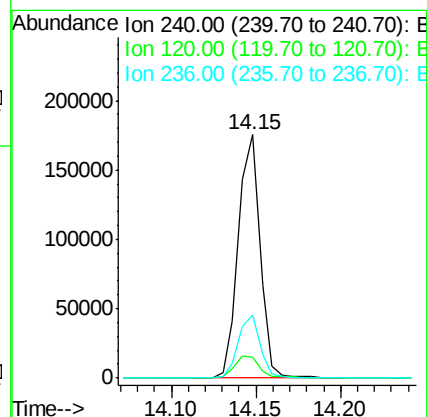
RT: 14.15 min Scan# 2008

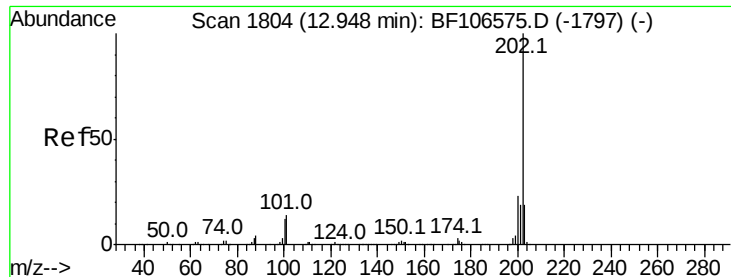
Delta R.T. -0.01 min

Lab File: BF106685.D

Acq: 22 Jun 2018 2:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	157467		
120	8.6	9.5	14.3#	
236	25.9	20.7	31.1	





#77

Pvrene

Concen: 3.336 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106685.D

Acq: 22 Jun 2018 2:15

Instrument :

BNA_F

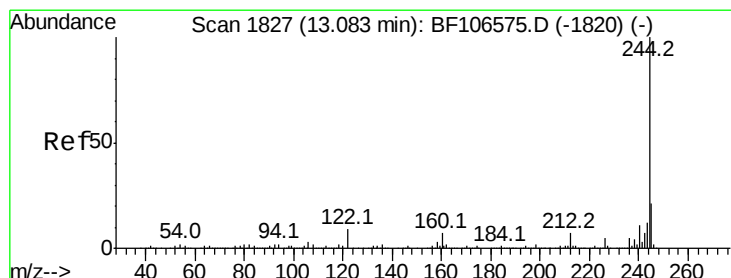
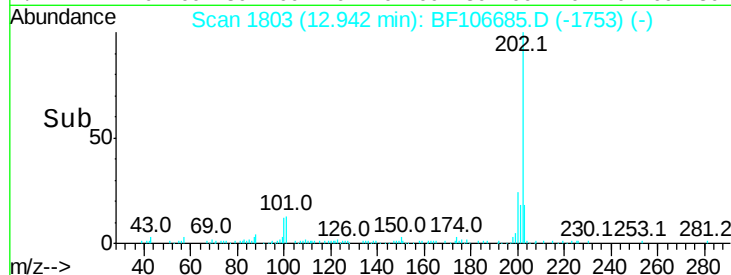
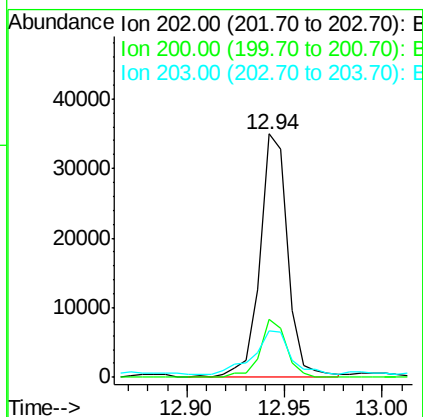
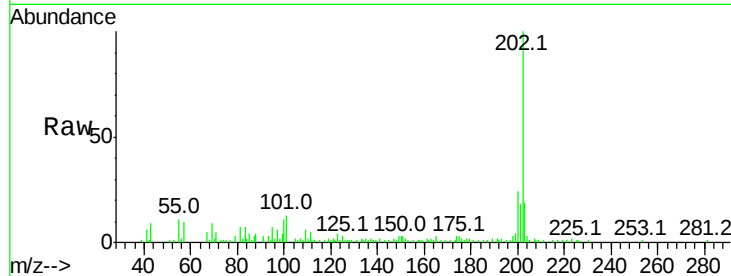
ClientSampleId :

AREA1(D)

Tot Ion:	202	Resp:	34636
Ion Ratio	Lower	Upper	
202	100		
200	23.6	17.4	26.2
203	19.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 19.639 ng

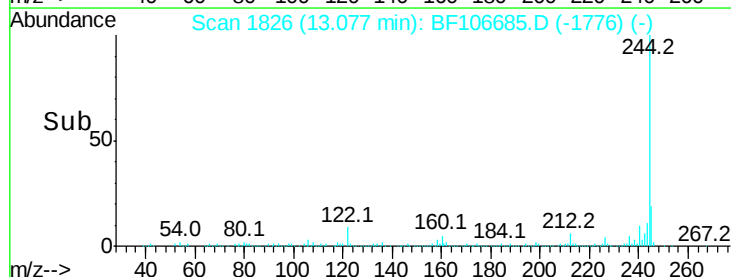
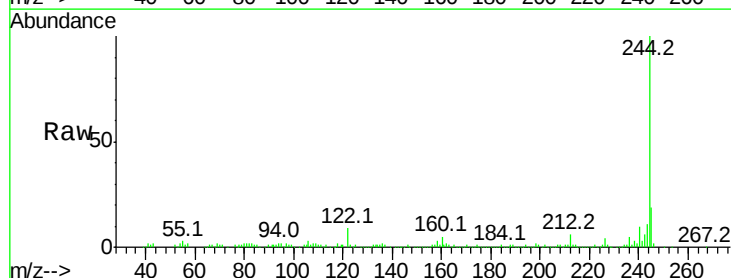
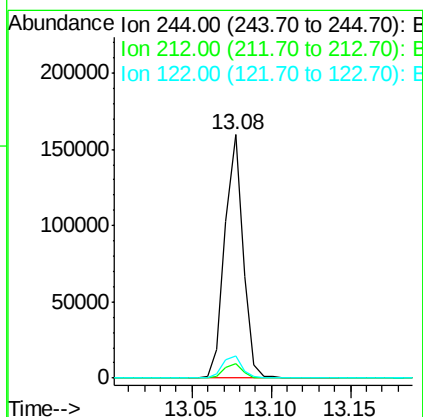
RT: 13.08 min Scan# 1826

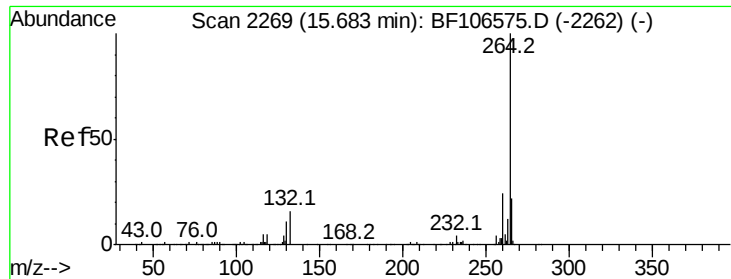
Delta R.T. -0.01 min

Lab File: BF106685.D

Acq: 22 Jun 2018 2:15

Tgt Ion:	244	Resp:	127669
Ion Ratio	Lower	Upper	
244	100		
212	5.9	5.4	8.0
122	9.1	11.0	16.4#





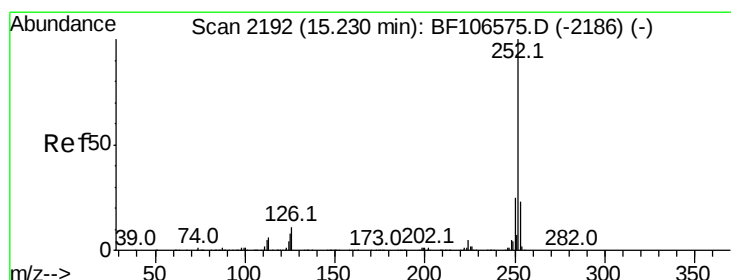
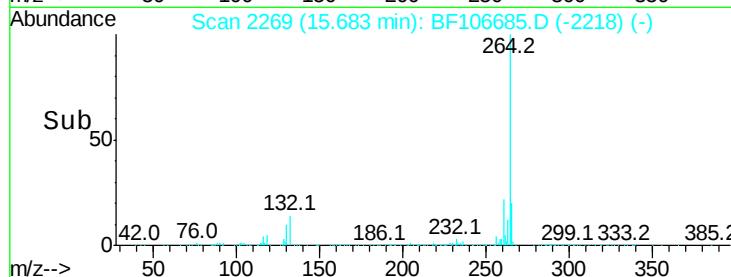
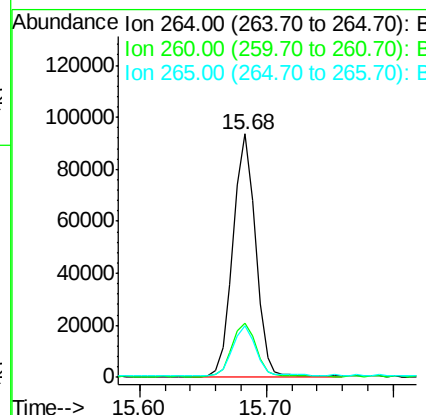
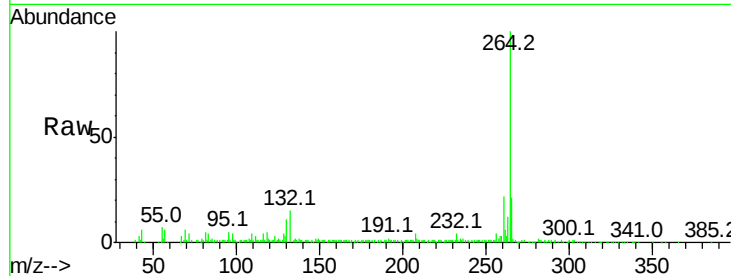
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106685.D
Acq: 22 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
AREA1(D)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
6/22/2018 10:23:38 AM



#87
Benzo(b)fluoranthene
Concen: 2.528 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106685.D
Acq: 22 Jun 2018 2:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.0	25.6#
125	24.3	9.0	13.6#

