

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108692.D
 Acq On : 31 Aug 2018 16:40
 Operator : JU/SJ
 Sample : J4712-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Manual Integrations
 APPROVED

Sohil
 9/4/2018 3:53:08 PM

Quant Time: Aug 31 18:10:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	76024	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	313327	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	134839	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	242958	20.00	ng	0.00
75) Chrysene-d12	14.19	240	229246	20.00	ng	0.00
86) Perylene-d12	15.75	264	173053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	442656	101.15	ng	-0.01
7) Phenol-d6	6.64	99	706412	112.70	ng	-0.01
23) Nitrobenzene-d5	7.57	82	478708	77.55	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	154160	86.60	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	851141	84.87	ng	0.00
78) Terphenyl-d14	13.12	244	724071	61.37	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	126377	11.902	ng	99
74) Fluoranthene	12.76	202	52772	3.823	ng	94
77) Pyrene	12.99	202	58082	3.370	ng	97
80) Benzo(a)anthracene	14.18	228	28393	2.032	ng	97
87) Benzo(b)fluoranthene	15.29	252	25513m	2.400	ng	
89) Benzo(a)pyrene	15.69	252	20375	2.121	ng	# 89

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

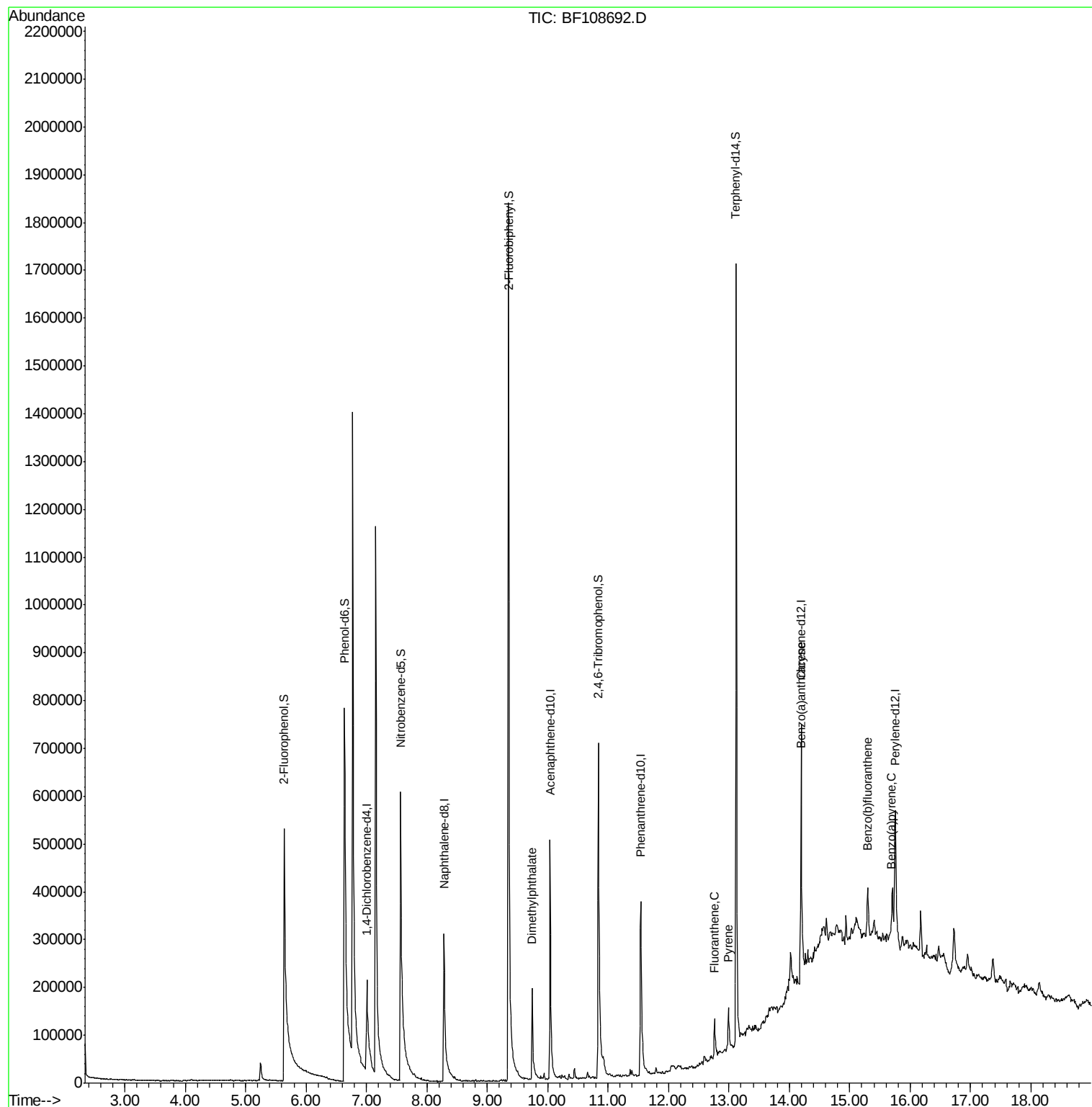
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108692.D
Acq On : 31 Aug 2018 16:40
Operator : JU/SJ
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#1

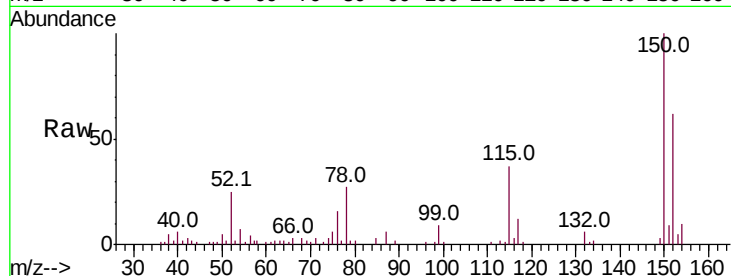
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SB-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.6	186.8
115	59.5	50.1	75.1

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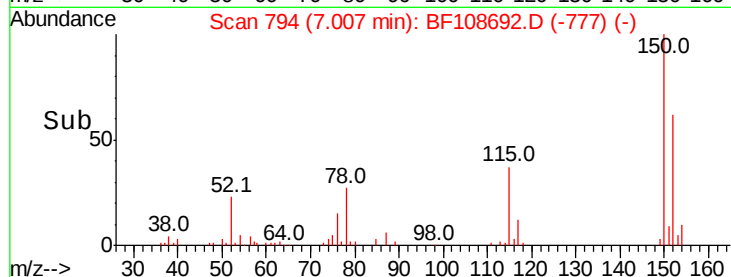
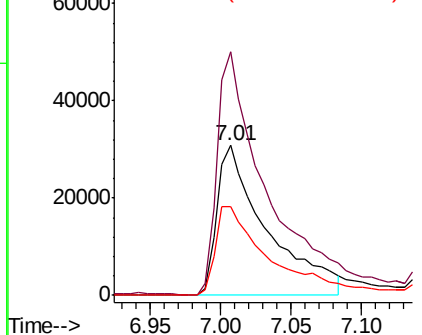


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

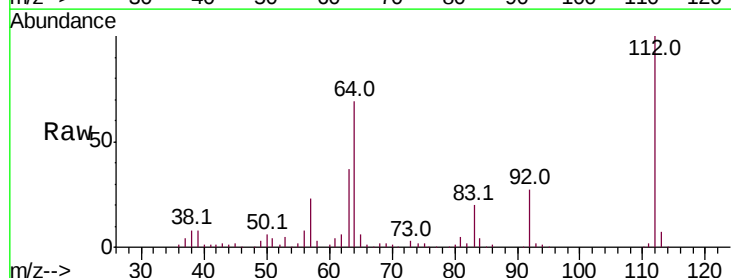
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.150 ng
RT: 5.64 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	47.9	71.9
63	36.7	23.7	35.5

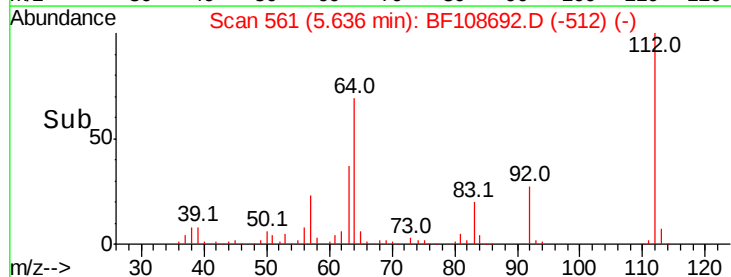
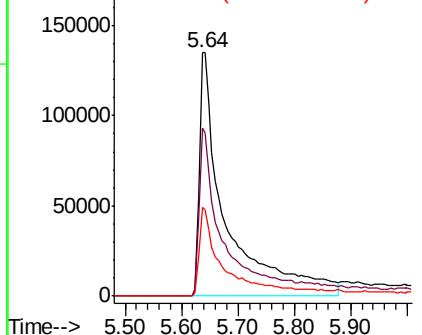


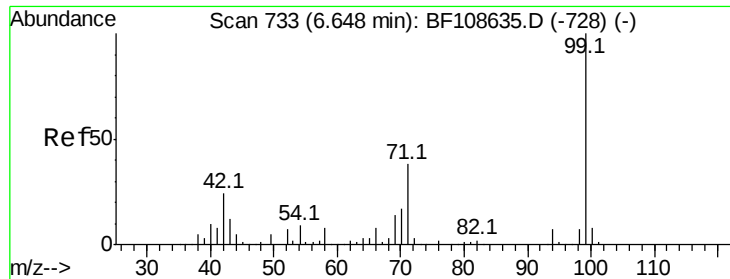
Abundance

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: 112.703 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108692.D

Acq: 31 Aug 2018 16:40

Instrument :

BNA_F

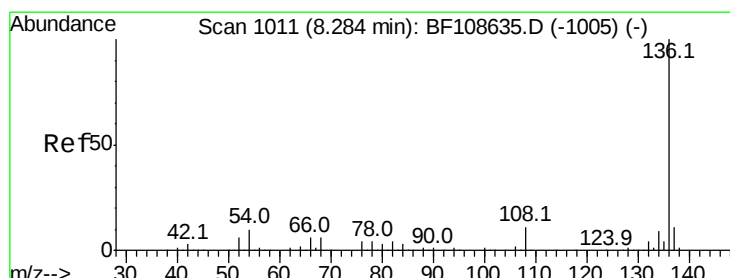
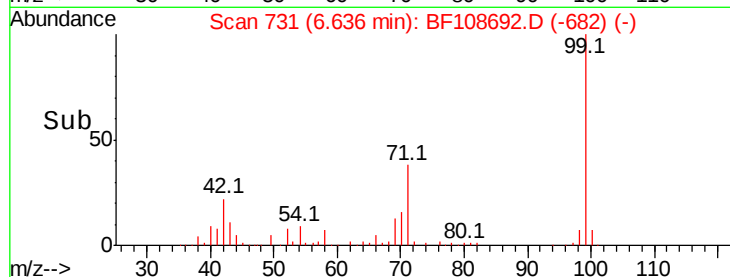
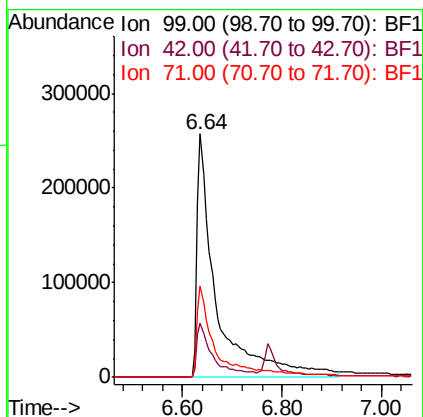
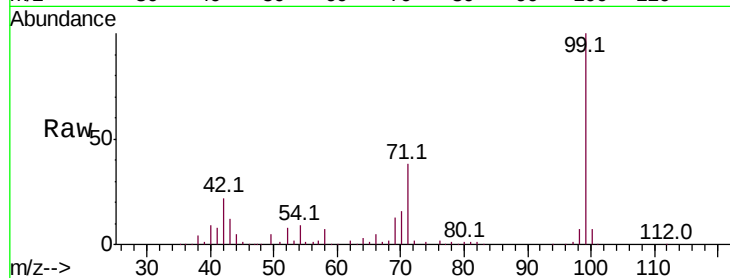
ClientSampleId :

SB-02

Tot Ion:	99	Resp:	706412
Ion Ratio	Lower	Upper	
99	100		
42	22.1	14.5	21.7#
71	37.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

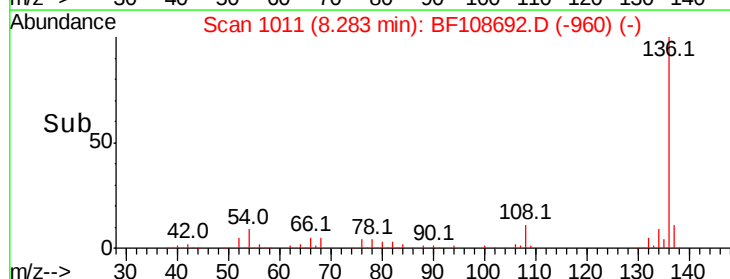
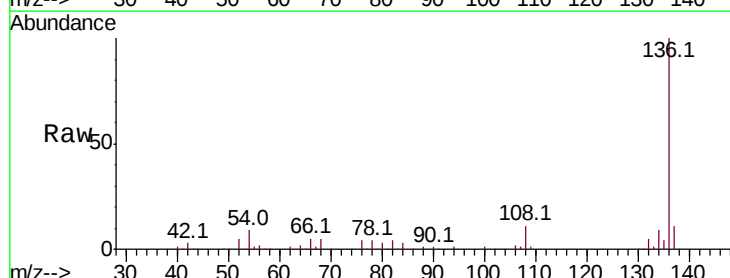
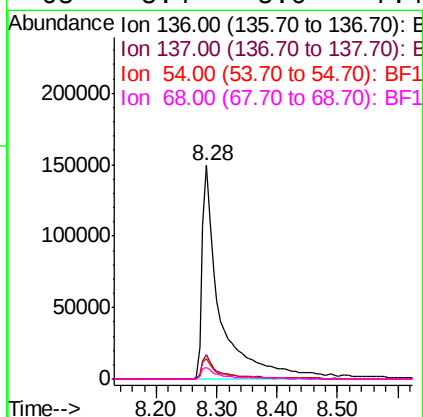
RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108692.D

Acq: 31 Aug 2018 16:40

Tgt Ion:	136	Resp:	313327
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	5.4	5.0	7.4





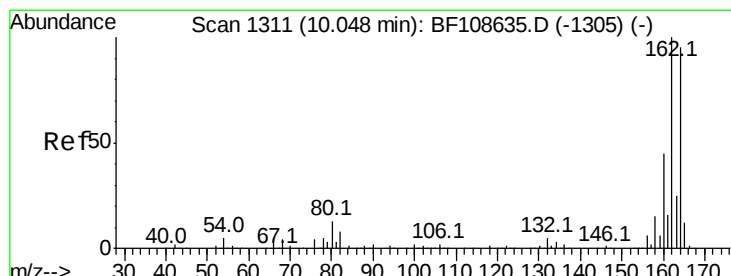
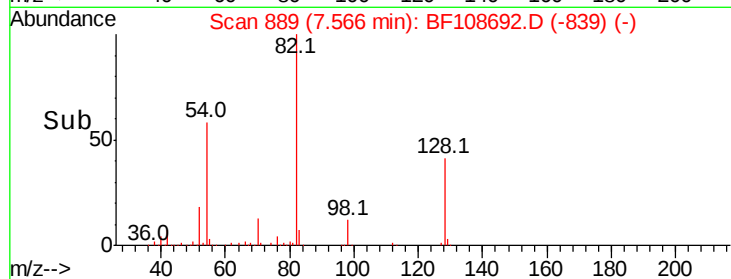
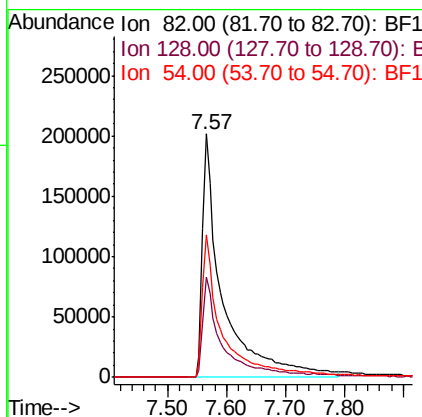
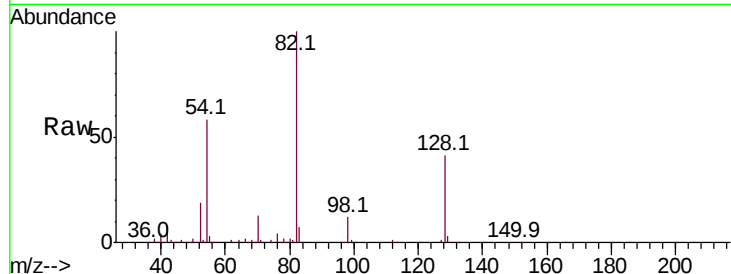
#23
 Nitrobenzene-d5
 Concen: 77.550 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108692.D
 Acq: 31 Aug 2018 16:40

Instrument :
 BNA_F
 ClientSampled :
 SB-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	58.3	41.4	62.2

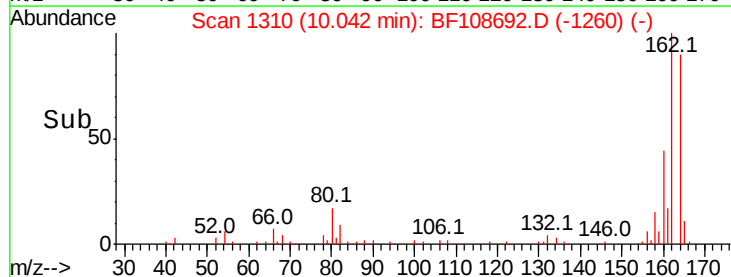
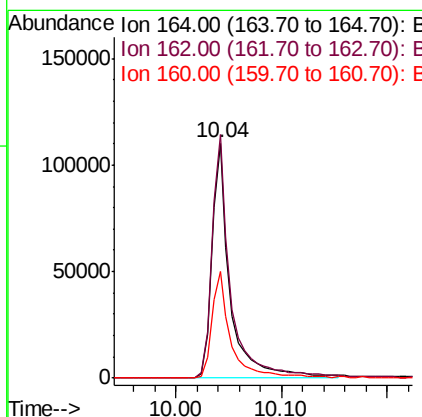
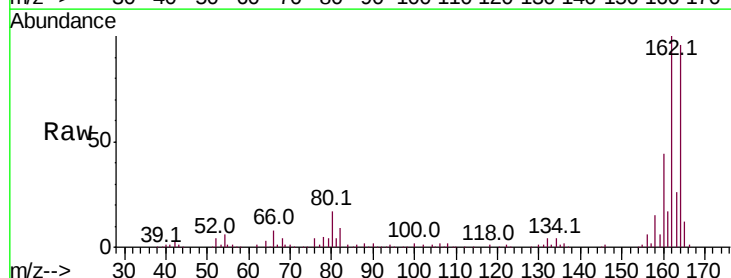
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108692.D
 Acq: 31 Aug 2018 16:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 86.605 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF108692.D

Acq: 31 Aug 2018 16:40

Instrument :

BNA_F

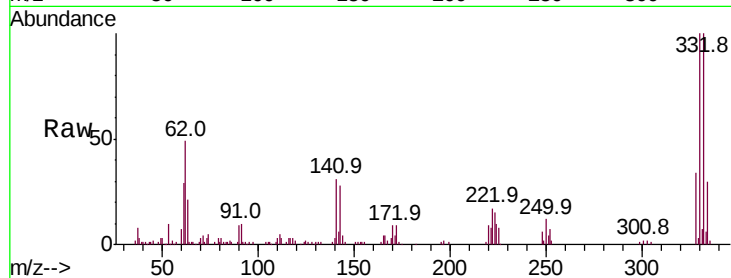
ClientSampled :

SB-02

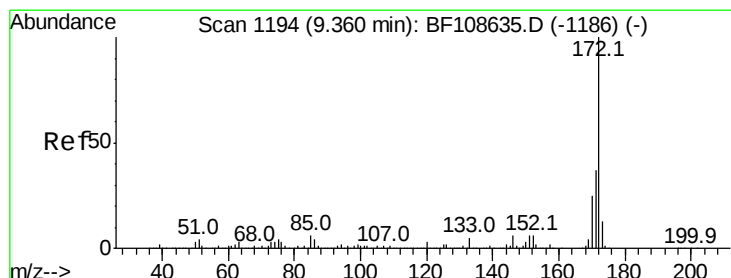
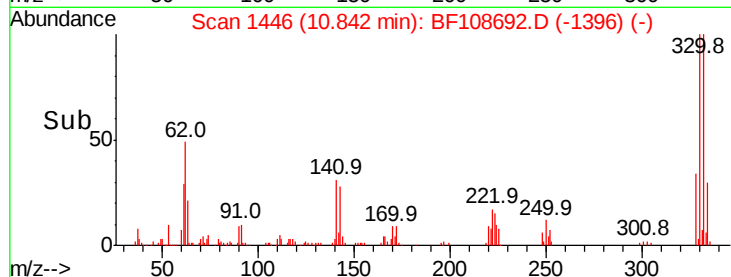
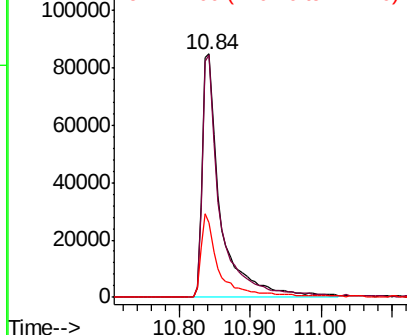
Tot Ion:	330	Resp:	154160
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	33.9	29.9	44.9

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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: 84.873 ng

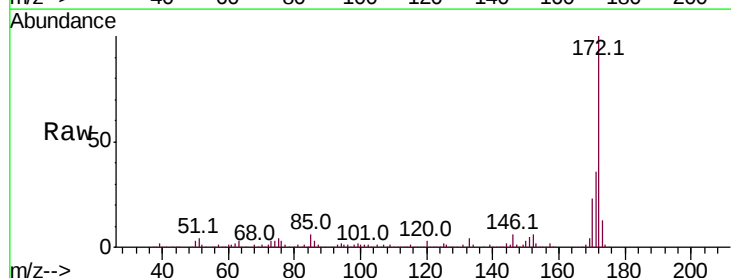
RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

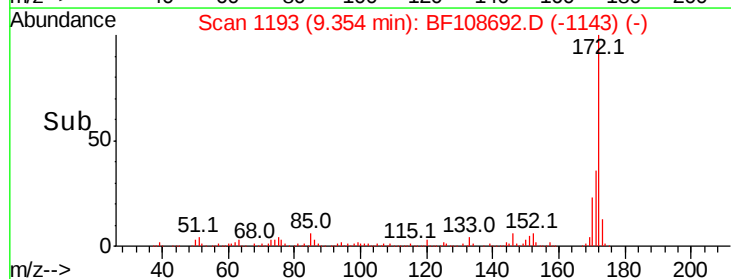
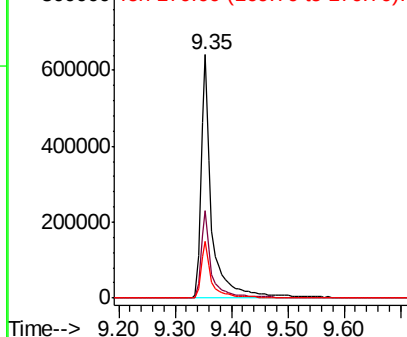
Lab File: BF108692.D

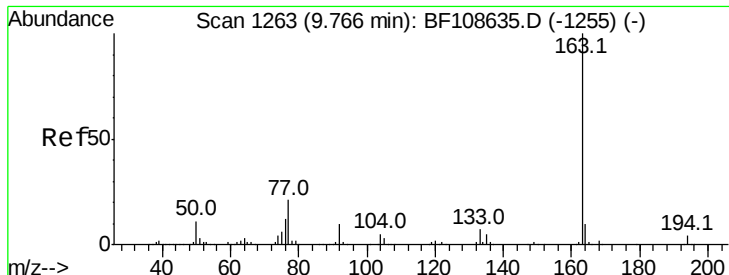
Acq: 31 Aug 2018 16:40

Tgt Ion:	172	Resp:	851141
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	23.4	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





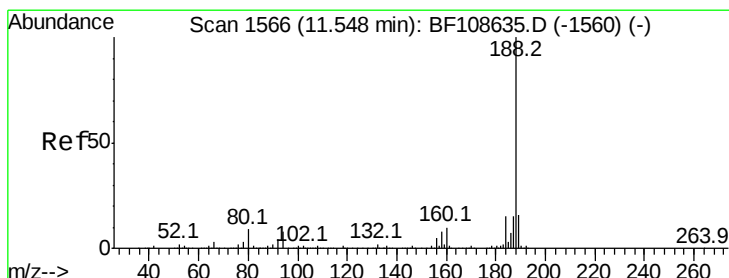
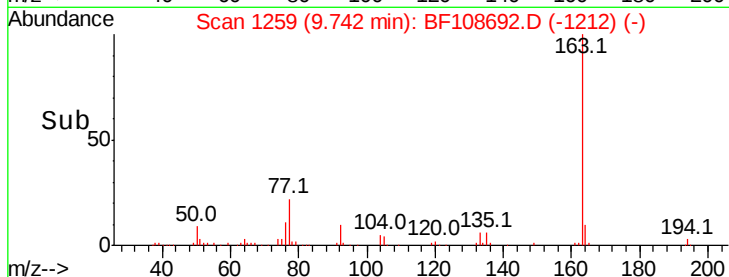
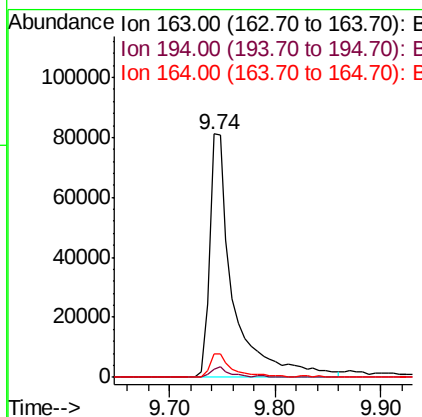
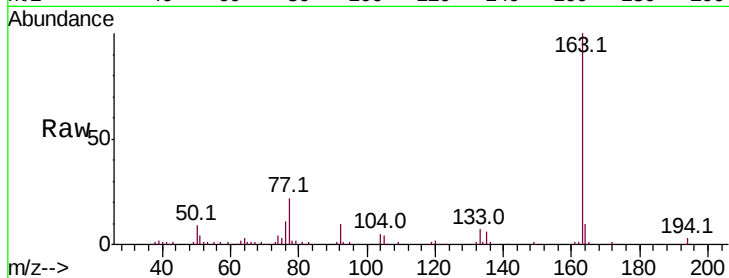
#49
Dimethylphthalate
Concen: 11.902 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampled :
SB-02

Tot Ion	Ratio	Resp	Lower	Upper
163	100	126377		
194	3.5	2.7	4.1	
164	9.7	8.2	12.2	

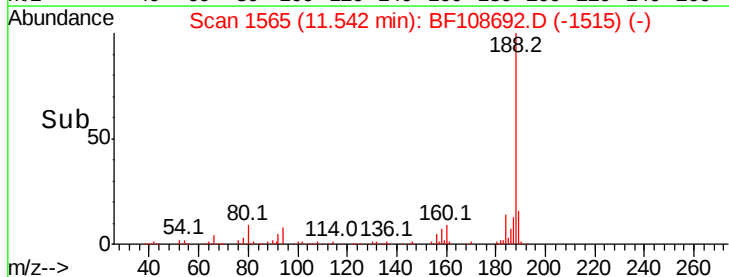
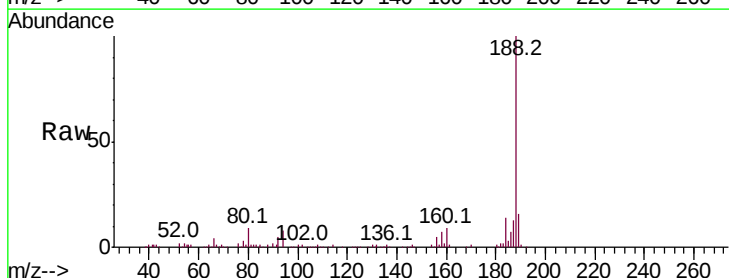
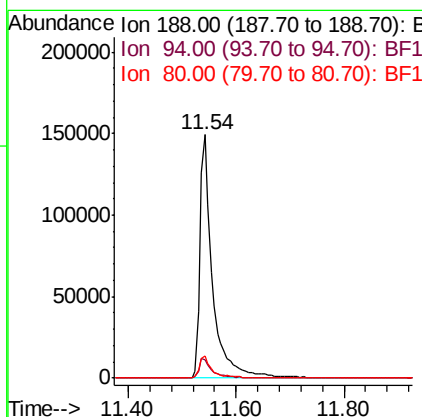
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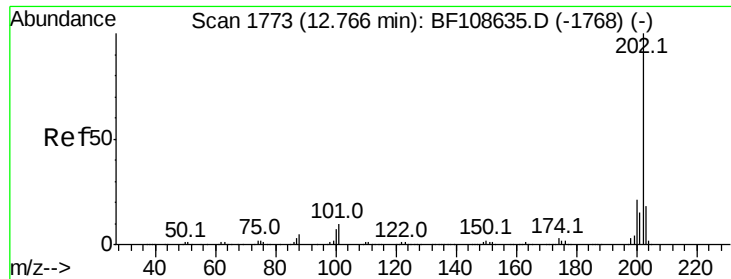
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	242958		
94	7.5	8.5	12.7#	
80	9.0	9.2	13.8#	





#74

Fluoranthene

Concen: 3.823 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108692.D

Acq: 31 Aug 2018 16:40

Instrument :

BNA_F

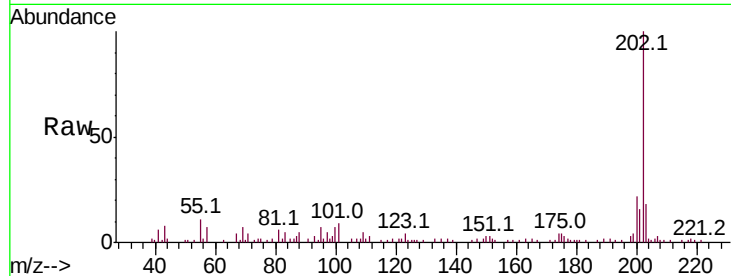
ClientSampleId :

SB-02

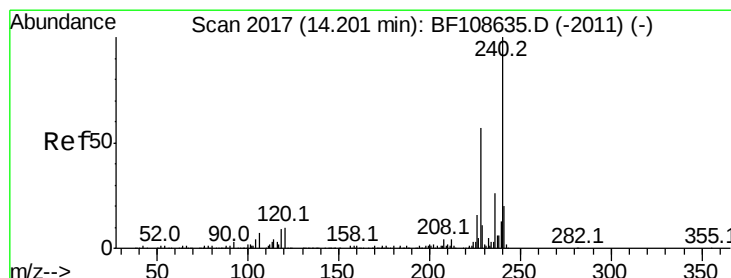
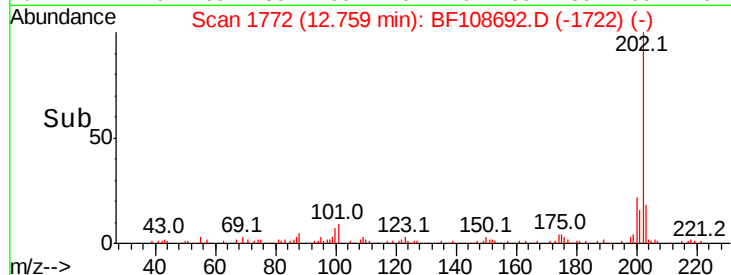
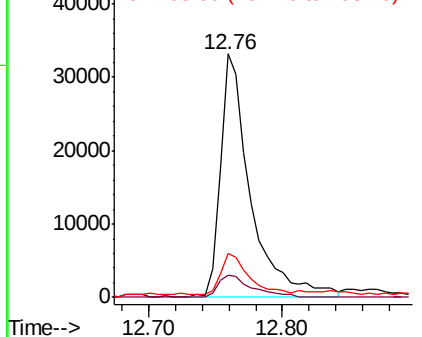
Tot Ion	Ratio	Resp	Lower	Upper
202	100	52772		
101	9.0	0.0	34.1	
203	17.8	0.0	38.1	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

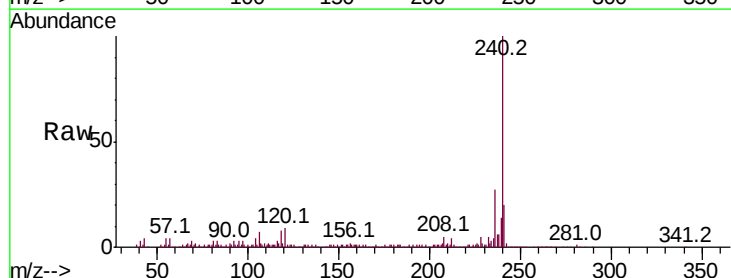
RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

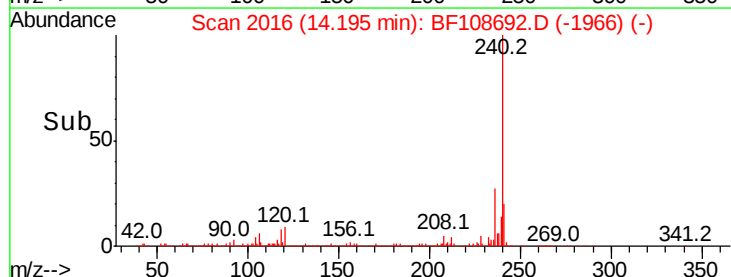
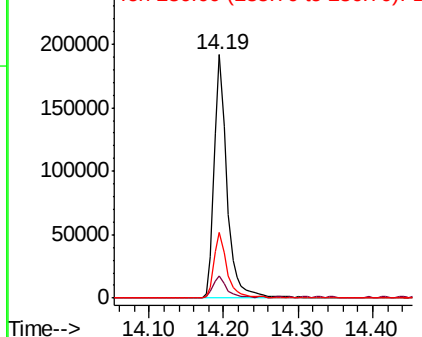
Lab File: BF108692.D

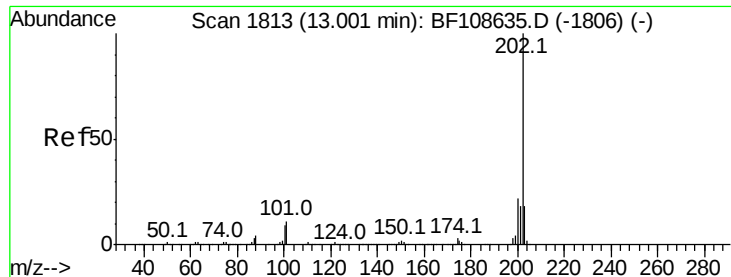
Acq: 31 Aug 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	229246		
120	9.0	9.5	14.3#	
236	26.8	20.7	31.1	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.370 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108692.D

Acq: 31 Aug 2018 16:40

Instrument :

BNA_F

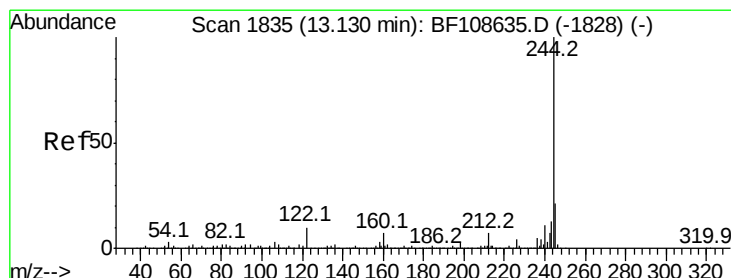
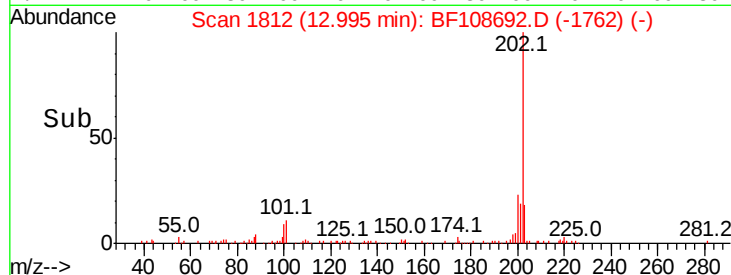
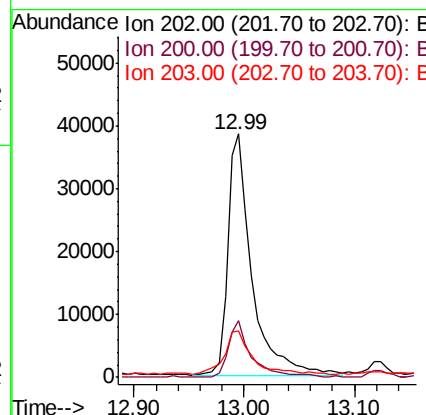
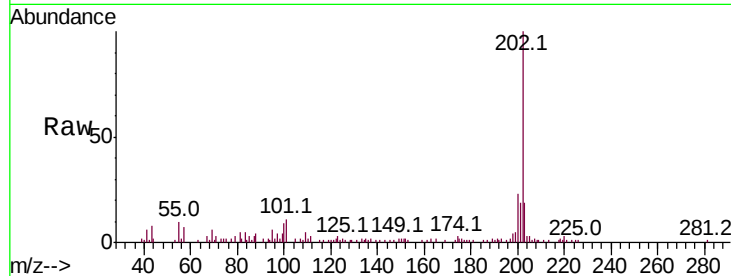
ClientSampled :

SB-02

Tot Ion:	202	Resp:	58082
Ion Ratio	Lower	Upper	
202	100		
200	23.4	17.4	26.2
203	19.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 61.368 ng

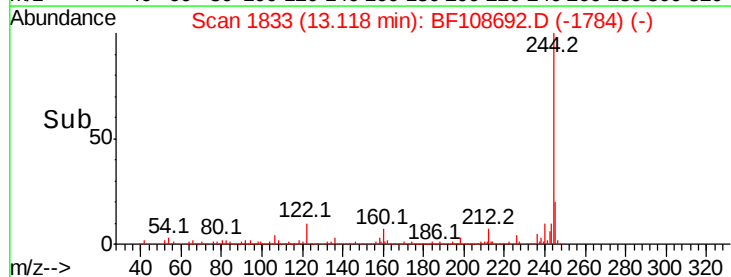
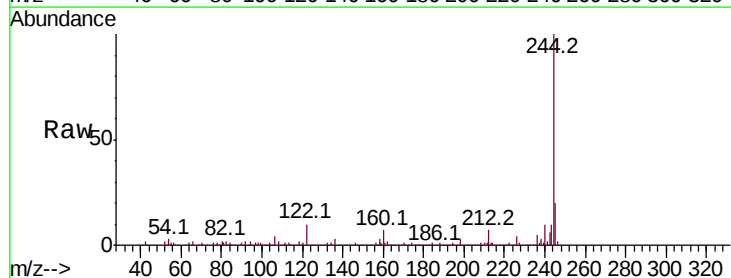
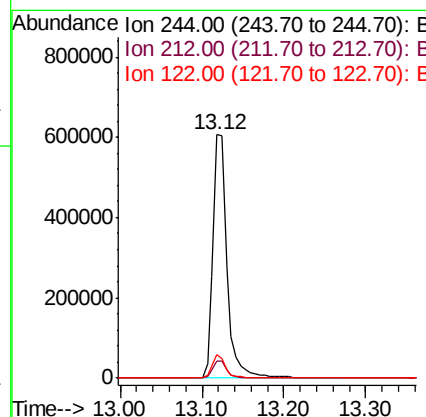
RT: 13.12 min Scan# 1833

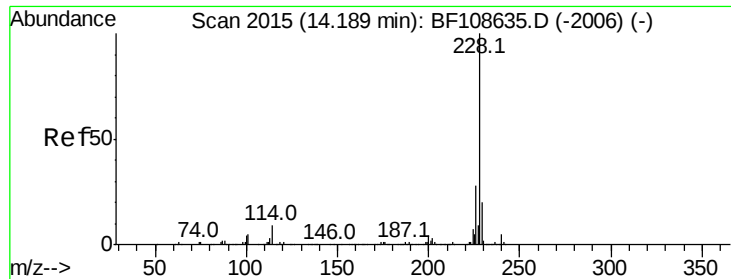
Delta R.T. -0.01 min

Lab File: BF108692.D

Acq: 31 Aug 2018 16:40

Tgt Ion:	244	Resp:	724071
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	9.8	11.0	16.4#





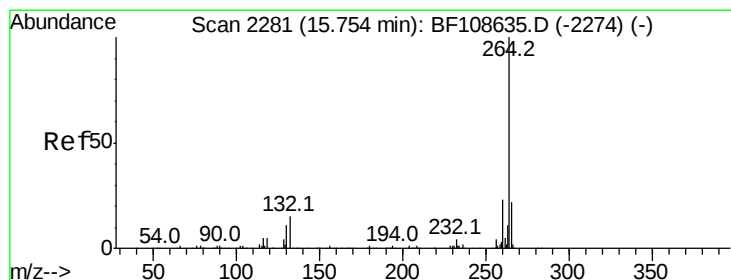
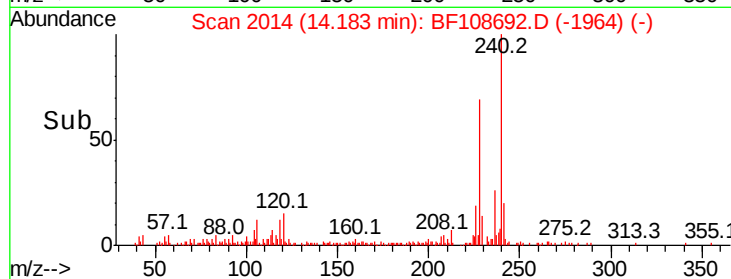
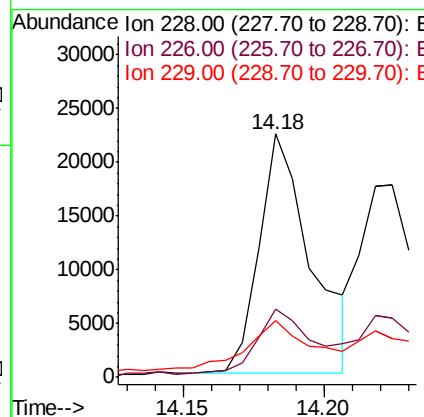
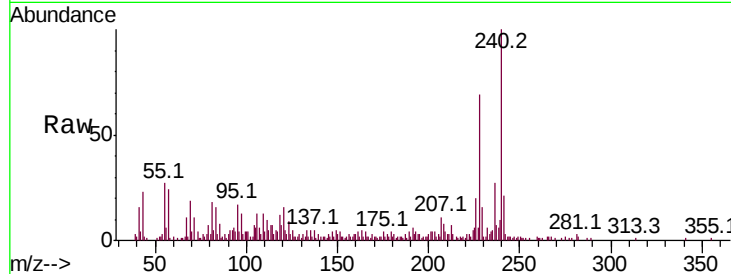
#80
Benzo(a)anthracene
Concen: 2.032 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SB-02

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	23.2	15.8	23.6

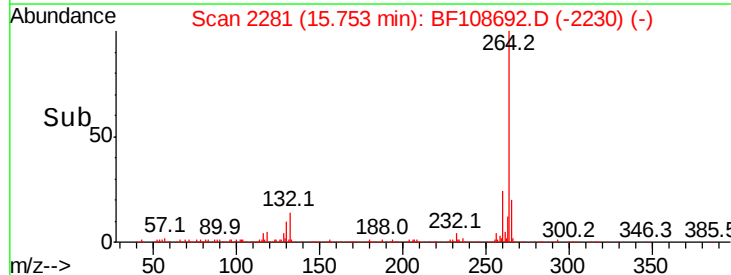
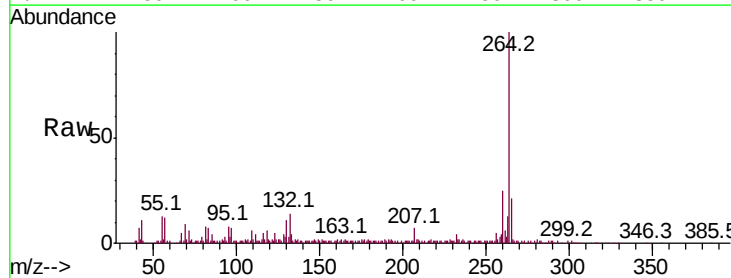
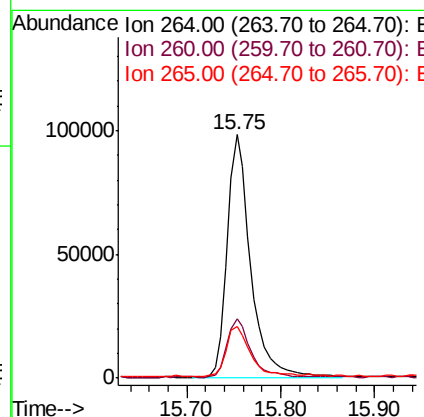
Manual Integrations
APPROVED

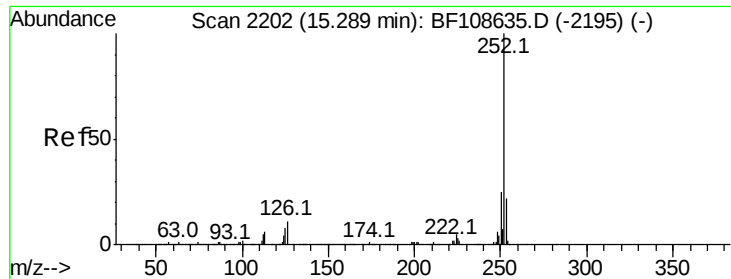
Sohil
9/4/2018 3:53:08 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.400 ng

RT: 15.29 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BF108692.D

Acq: 31 Aug 2018 16:40

Instrument :

BNA_F

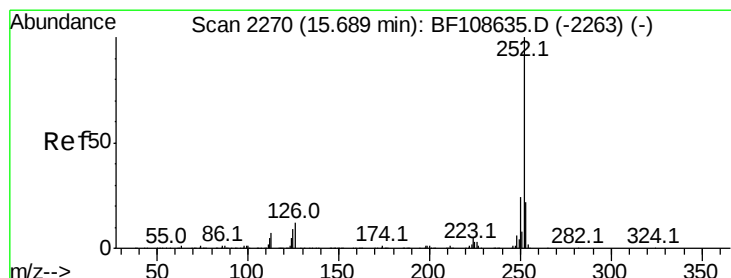
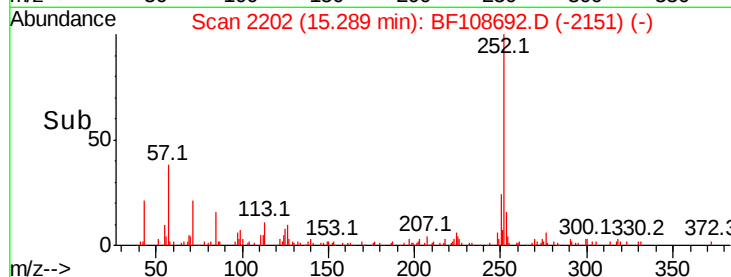
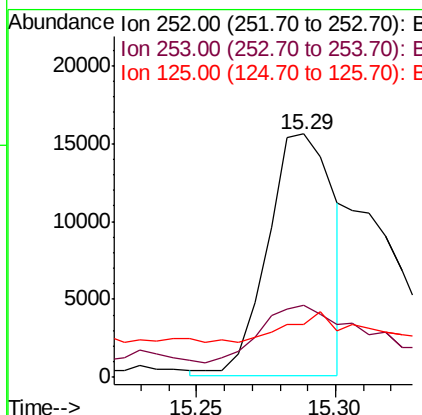
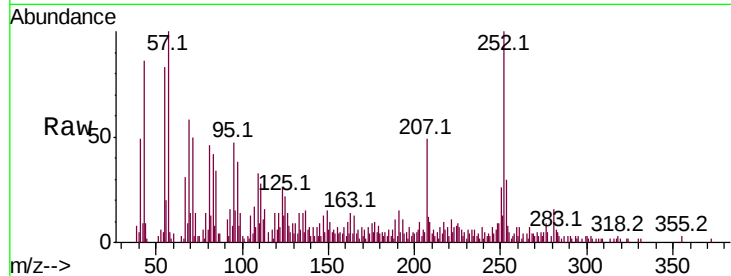
ClientSampleId :

SB-02

Tot Ion:	252	Resp:	25513
Ion Ratio	Lower	Upper	
252	100		
253	29.8	17.0	25.6#
125	21.7	9.0	13.6#

Manual Integrations
APPROVED

Sohil
9/4/2018 3:53:08 PM



#89

Benzo(a)pyrene

Concen: 2.121 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF108692.D

Acq: 31 Aug 2018 16:40

Tgt Ion:	252	Resp:	20375
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.1	25.7
125	20.5	9.8	14.6#

