

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108704.D
 Acq On : 31 Aug 2018 22:04
 Operator : JU/SJ
 Sample : J4712-07 4X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Manual Integrations
 APPROVED

Sohil
 9/4/2018 3:53:38 PM

Quant Time: Sep 01 04:35:49 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	52308	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	223449	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	113835	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	266053	20.00	ng	0.00
75) Chrysene-d12	14.19	240	236140	20.00	ng	0.00
86) Perylene-d12	15.75	264	162154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	40308m	13.39	ng	0.12
7) Phenol-d6	6.68	99	76316	17.70	ng	0.04
23) Nitrobenzene-d5	7.59	82	61509	13.97	ng	0.02
41) 2,4,6-Tribromophenol	10.84	330	31634	21.05	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	133101	15.72	ng	0.00
78) Terphenyl-d14	13.12	244	197012	16.21	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	19108	2.132	ng	Qvalue # 91
74) Fluoranthene	12.76	202	51662	3.418	ng	93
77) Pyrene	12.99	202	53755	3.028	ng	98
80) Benzo(a)anthracene	14.18	228	34400	2.390	ng	96
82) Chrysene	14.22	228	33141	2.394	ng	97
87) Benzo(b)fluoranthene	15.29	252	39688m	3.984	ng	
89) Benzo(a)pyrene	15.69	252	29681	3.297	ng	96
91) Benzo(g,h,i)perylene	17.88	276	22462	3.215	ng	# 84

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

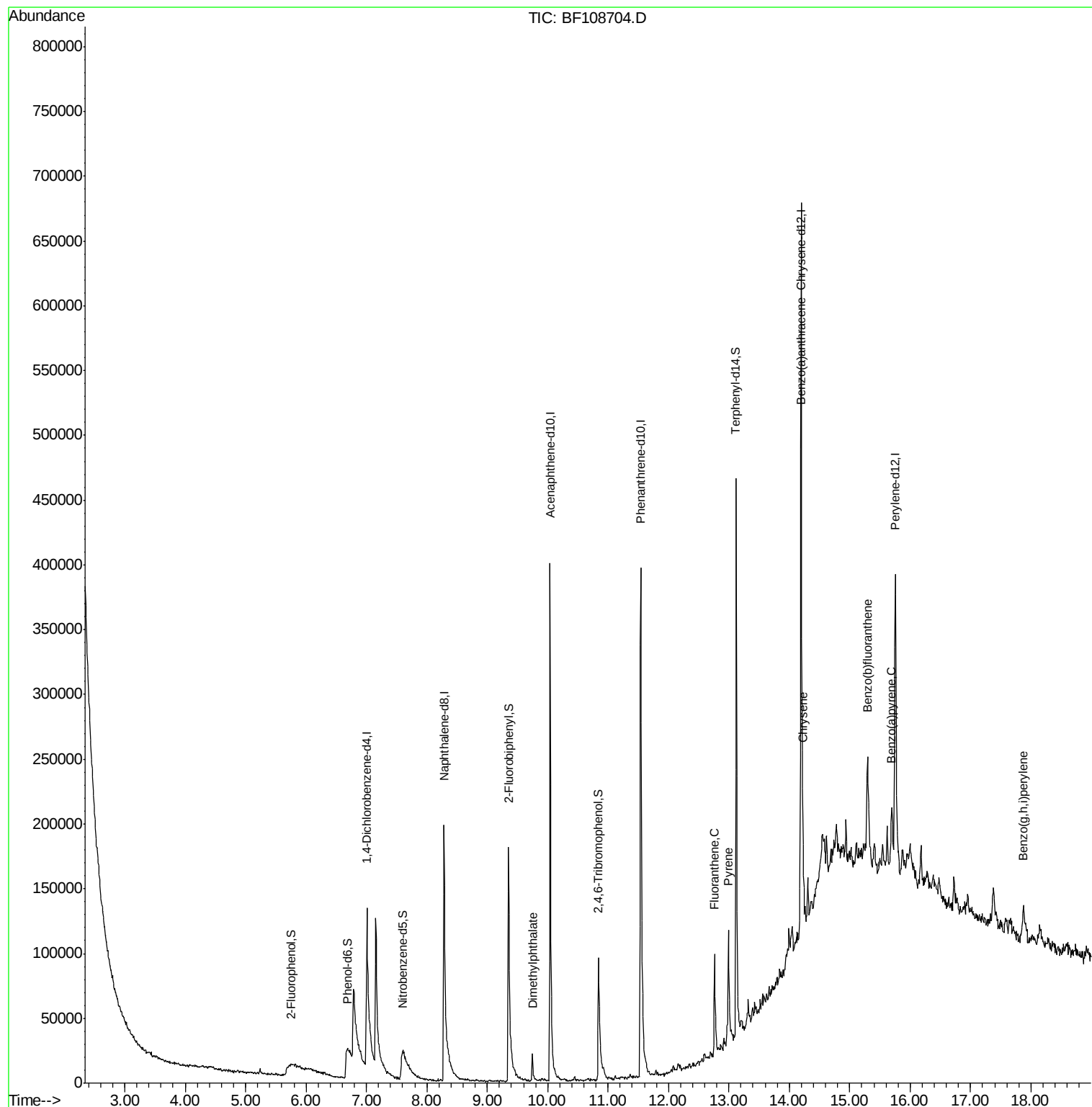
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108704.D
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Operator : JU/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

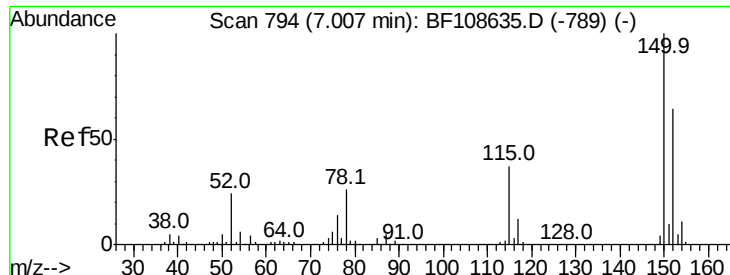
Instrument :
BNA_F
ClientSampleId :
SB-05

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#1

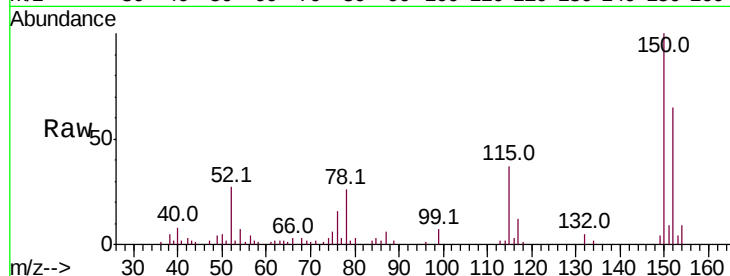
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108704.D
Acq: 31 Aug 2018 22:04

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	57.0	50.1	75.1

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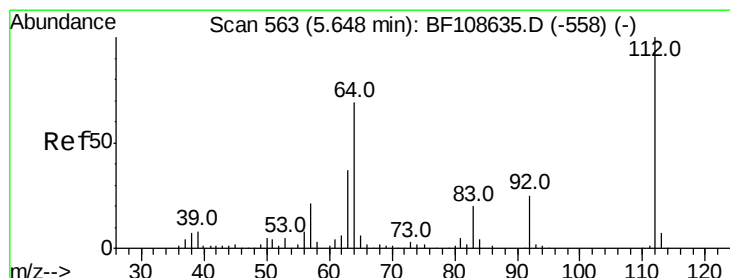
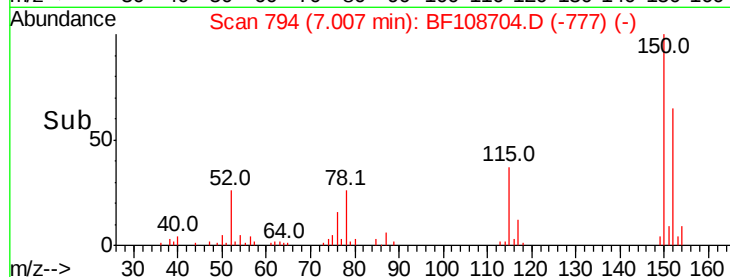
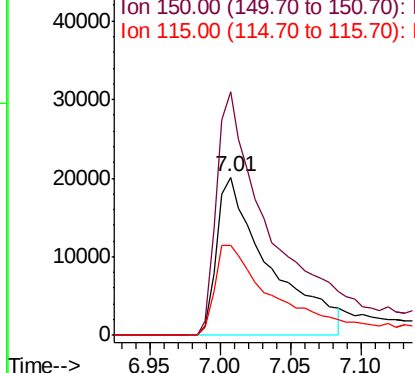


Abundance

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: 13.387 ng m
RT: 5.77 min Scan# 583
Delta R.T. 0.12 min
Lab File: BF108704.D
Acq: 31 Aug 2018 22:04

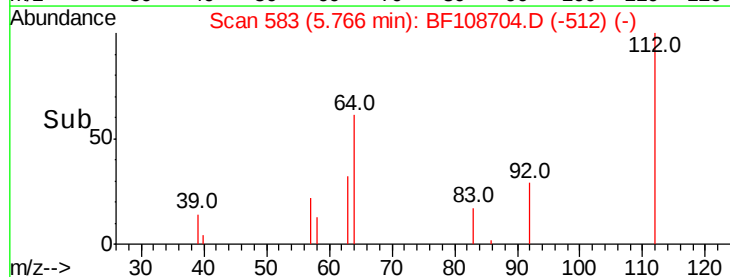
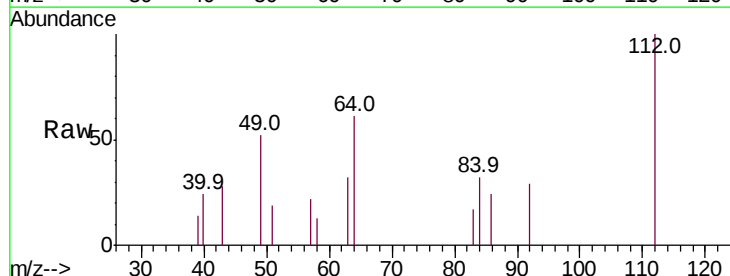
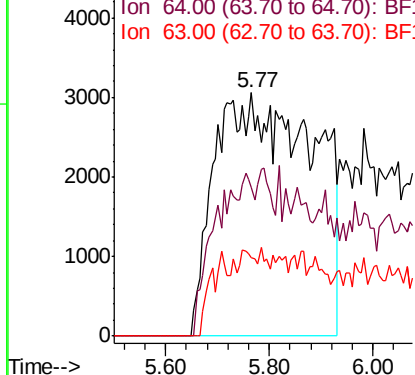
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	32.2	23.7	35.5

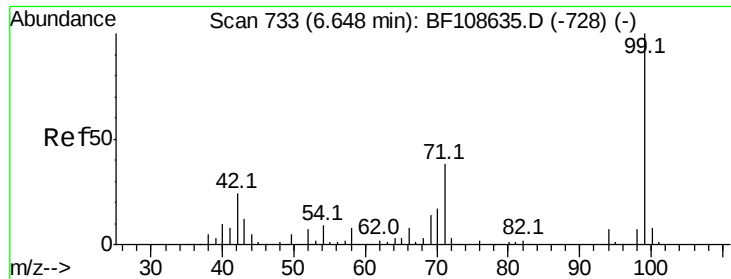
Abundance

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: 17.696 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.04 min

Lab File: BF108704.D

Acq: 31 Aug 2018 22:04

Instrument :

BNA_F

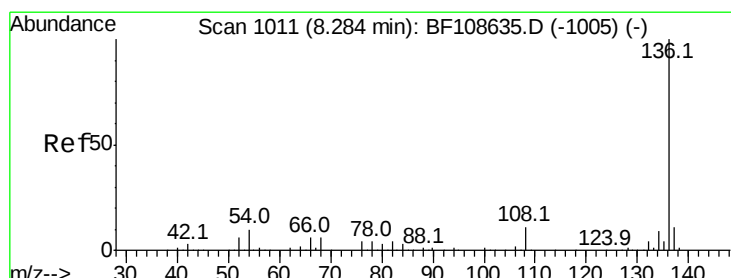
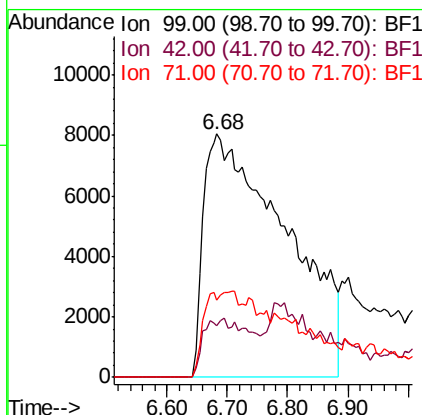
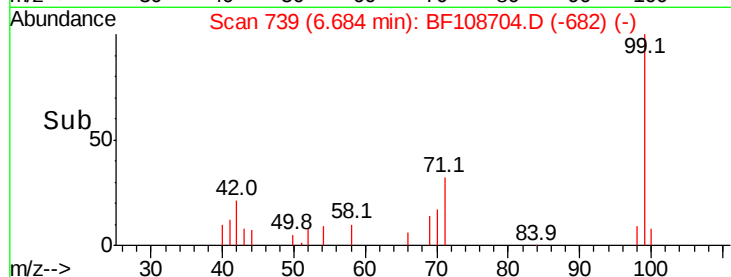
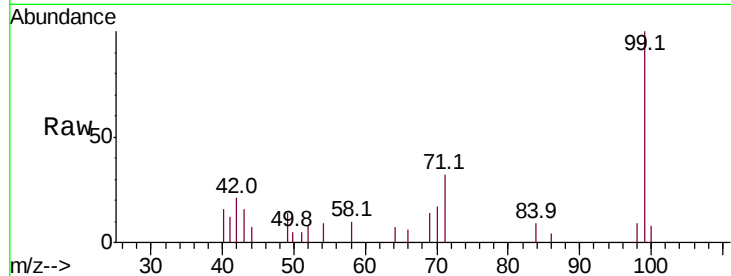
ClientSampled :

SB-05

Tot Ion:	99	Resp:	76316
Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	31.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

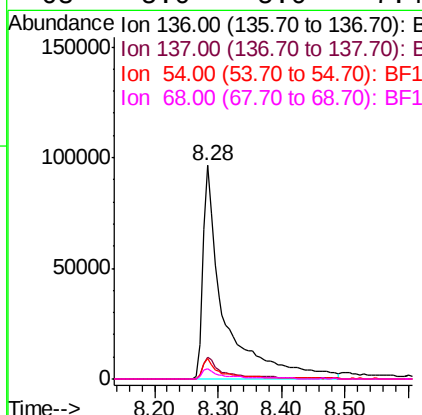
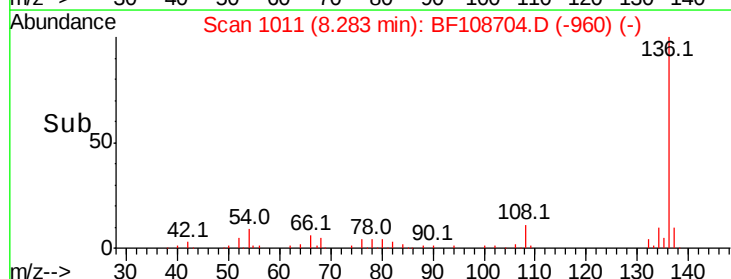
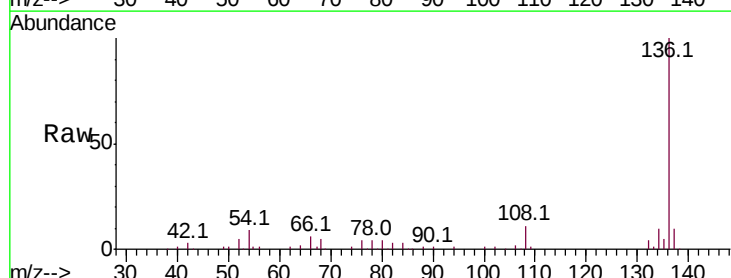
RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108704.D

Acq: 31 Aug 2018 22:04

Tgt Ion:	136	Resp:	223449
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	9.4	6.6	9.8
68	5.0	5.0	7.4





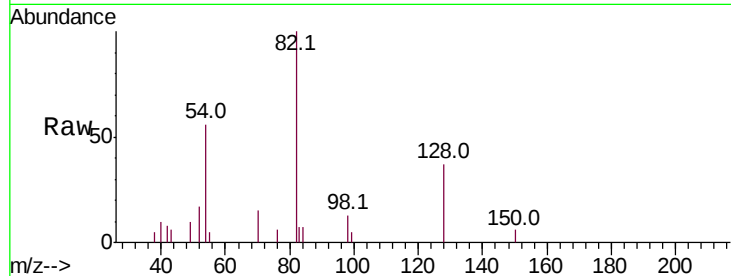
#23
 Nitrobenzene-d5
 Concen: 13.972 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.02 min
 Lab File: BF108704.D
 Acq: 31 Aug 2018 22:04

Instrument :
 BNA_F
 ClientSampled :
 SB-05

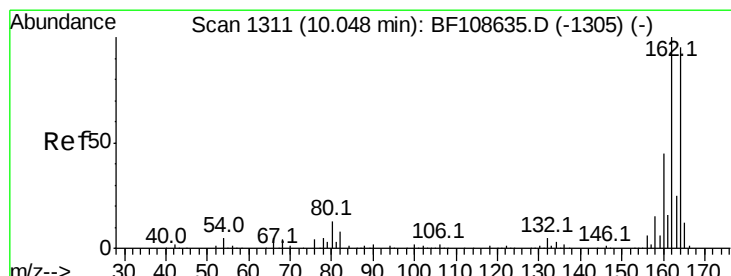
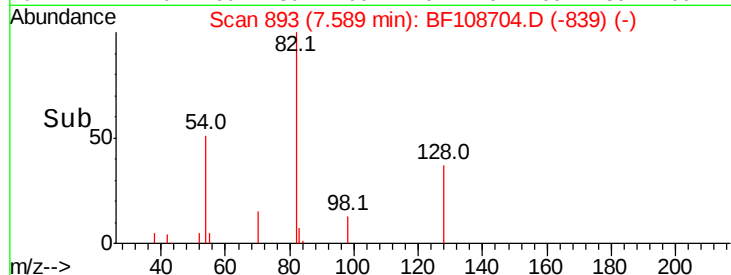
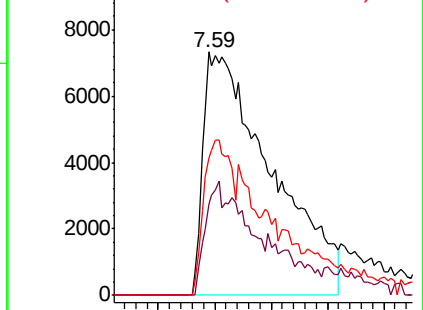
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	36.1	54.1
54	56.3	41.4	62.2

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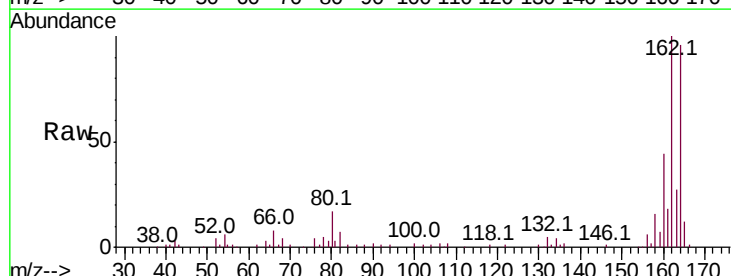


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

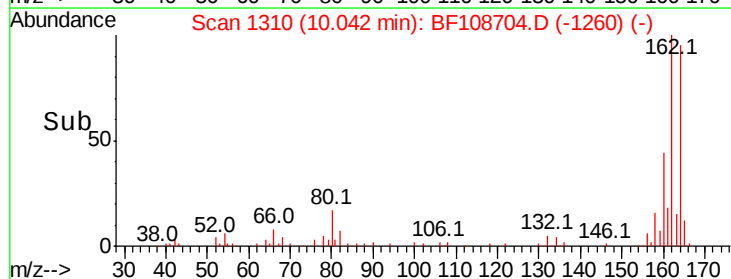
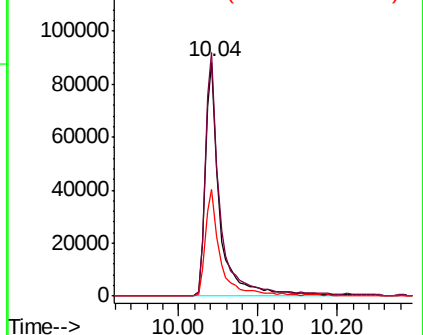


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108704.D
 Acq: 31 Aug 2018 22:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.8	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





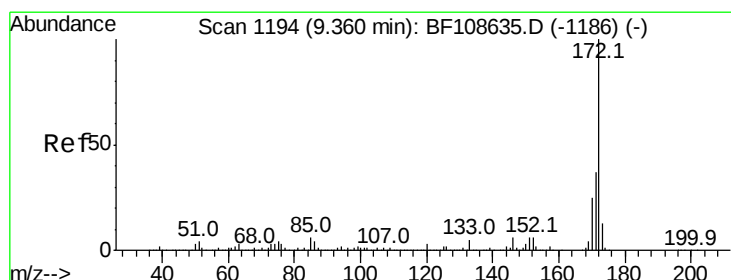
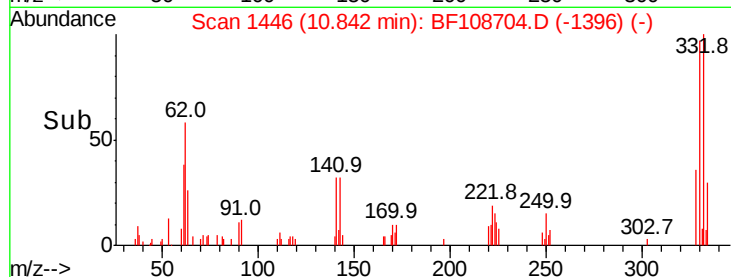
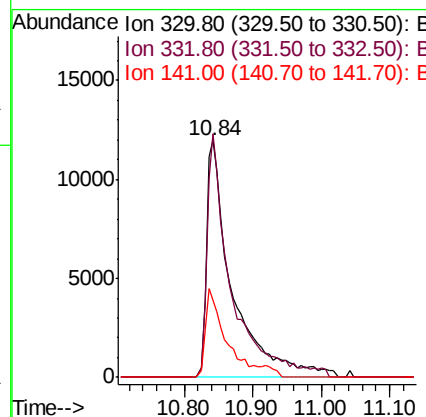
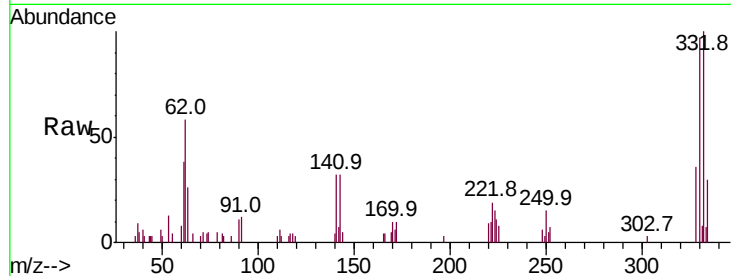
#41
 2,4,6-Tribromophenol
 Concen: 21.051 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108704.D
 Acq: 31 Aug 2018 22:04

Instrument :
 BNA_F
 ClientSampled :
 SB-05

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.2	77.0	115.6	
141	32.2	29.9	44.9	

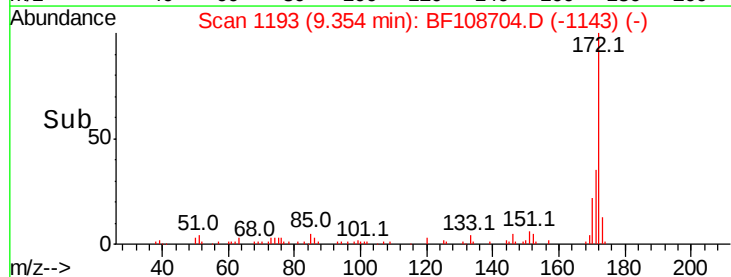
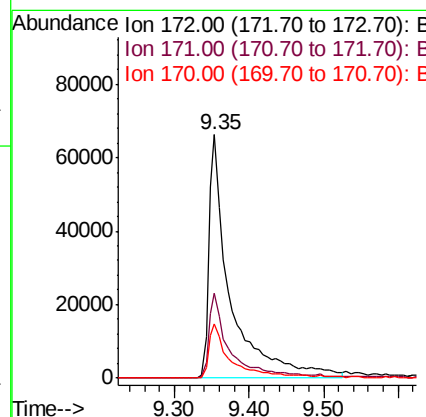
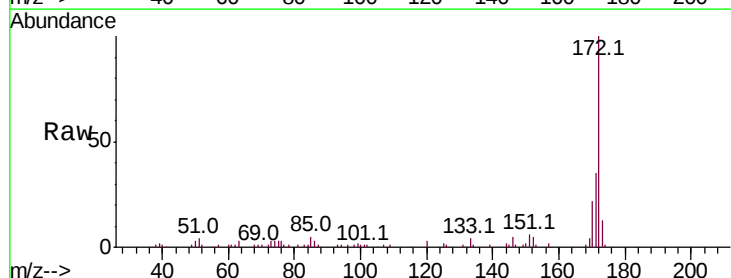
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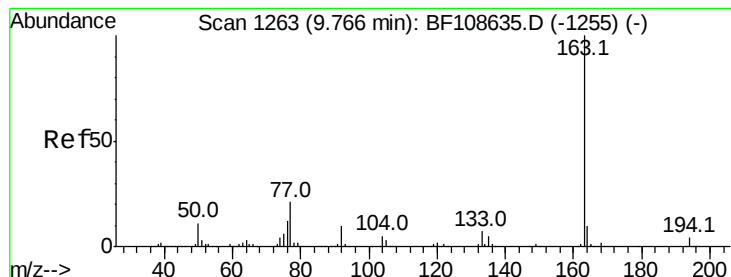
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#44
 2-Fluorobiphenyl
 Concen: 15.721 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108704.D
 Acq: 31 Aug 2018 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.7	29.7	44.5	
170	22.1	19.6	29.4	





#49

Dimethylphthalate

Concen: 2.132 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108704.D

Acq: 31 Aug 2018 22:04

Instrument :

BNA_F

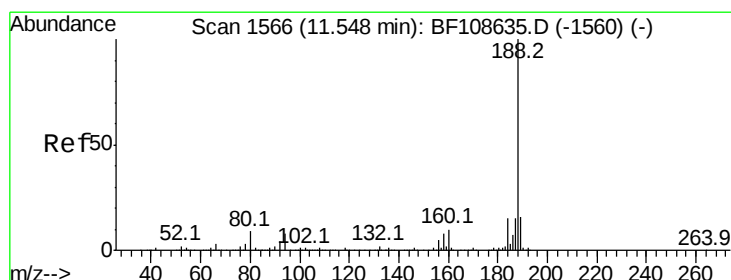
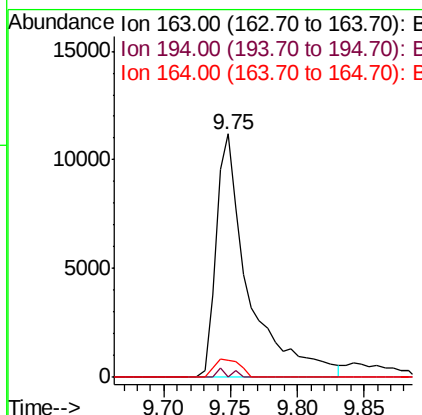
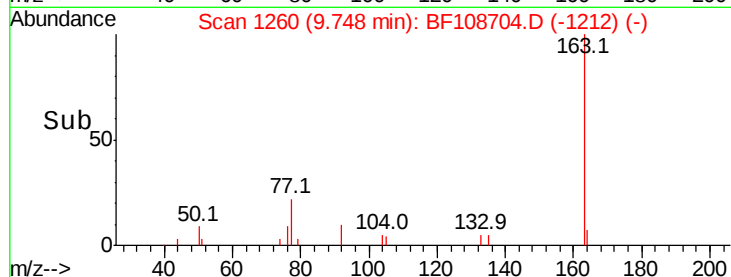
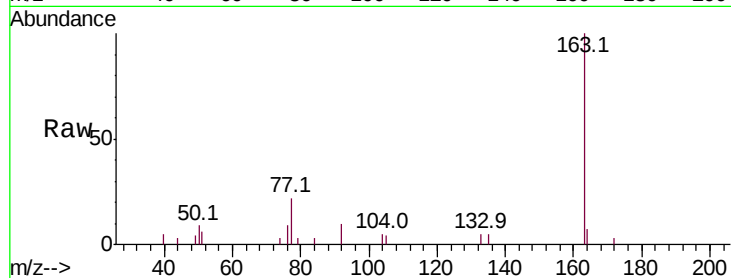
ClientSampled :

SB-05

Tot Ion:	163	Resp:	19108
Ion Ratio	Lower	Upper	
163	100		
194	0.0	2.7	4.1#
164	7.0	8.2	12.2#

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#63

Phenanthrene-d10

Concen: 20.000 ng

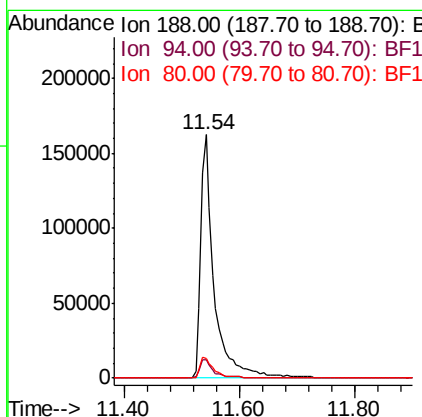
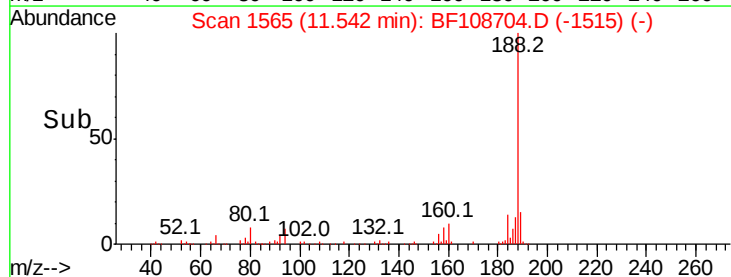
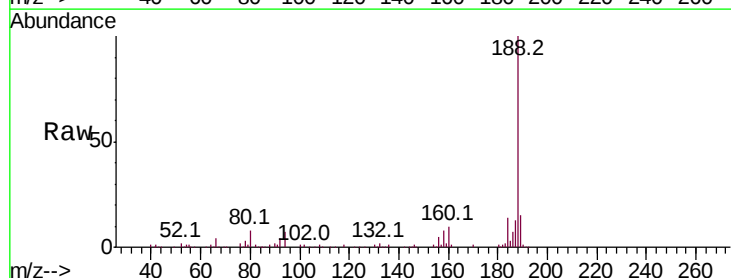
RT: 11.54 min Scan# 1565

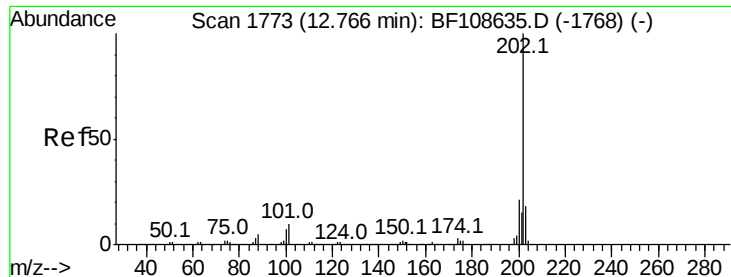
Delta R.T. -0.01 min

Lab File: BF108704.D

Acq: 31 Aug 2018 22:04

Tgt Ion:	188	Resp:	266053
Ion Ratio	Lower	Upper	
188	100		
94	7.3	8.5	12.7#
80	8.3	9.2	13.8#





#74

Fluoranthene

Concen: 3.418 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108704.D

Acq: 31 Aug 2018 22:04

Instrument :

BNA_F

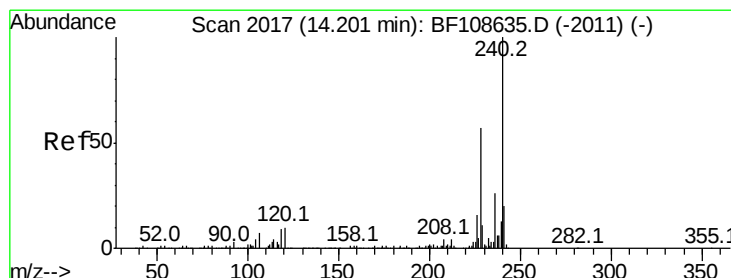
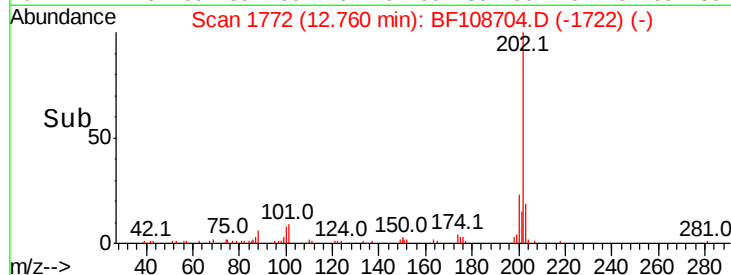
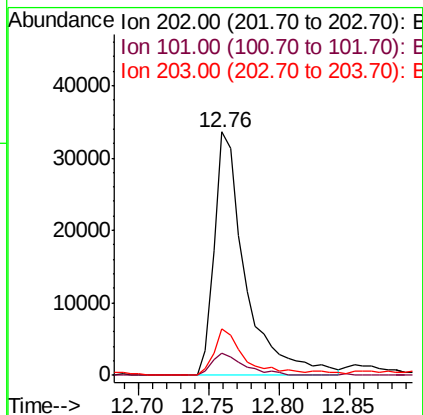
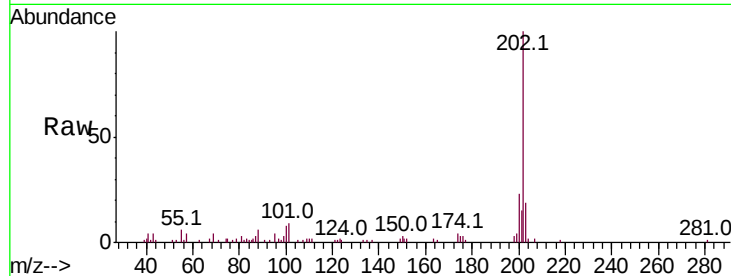
ClientSampled :

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Tot Ion:	202	Resp:	51662
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	34.1
203	18.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

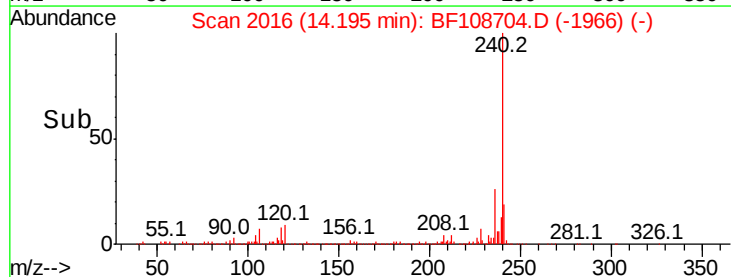
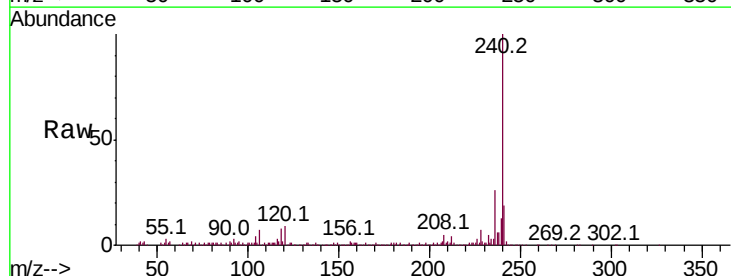
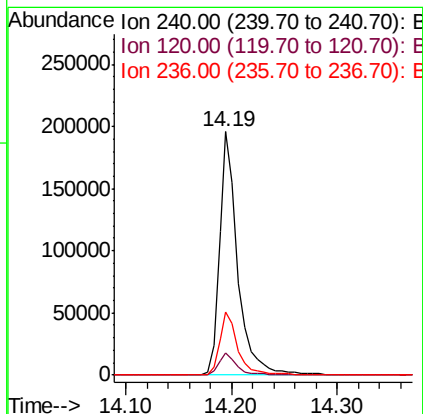
RT: 14.19 min Scan# 2016

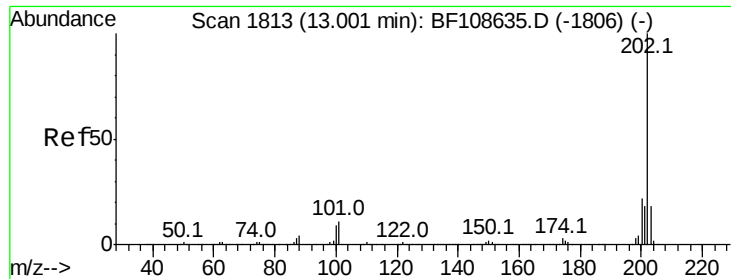
Delta R.T. -0.01 min

Lab File: BF108704.D

Acq: 31 Aug 2018 22:04

Tgt Ion:	240	Resp:	236140
Ion Ratio	Lower	Upper	
240	100		
120	9.3	9.5	14.3#
236	25.8	20.7	31.1





#77

Pvrene

Concen: 3.028 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108704.D

Acq: 31 Aug 2018 22:04

Instrument :

BNA_F

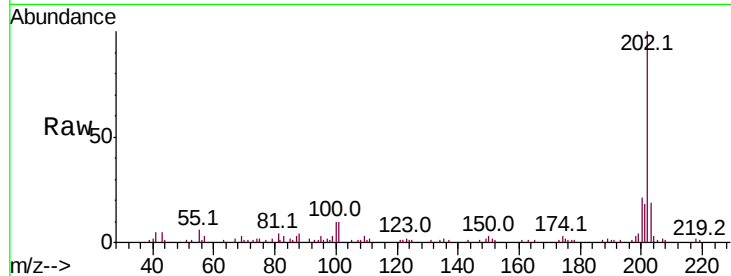
ClientSampled :

SB-05

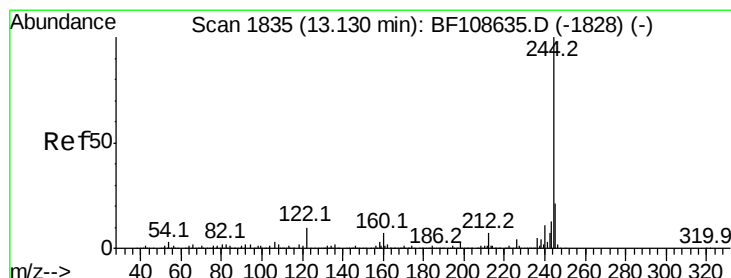
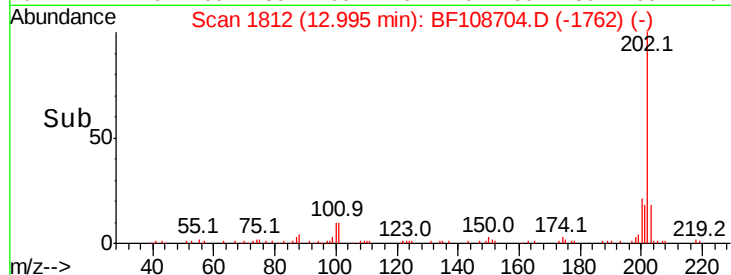
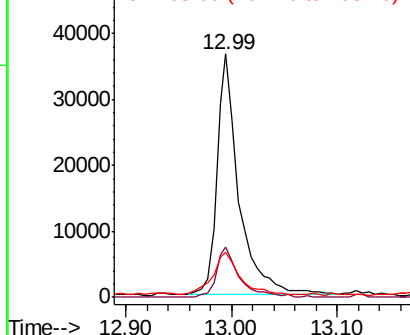
Tot Ion:	202	Resp:	53755
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	18.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 16.210 ng

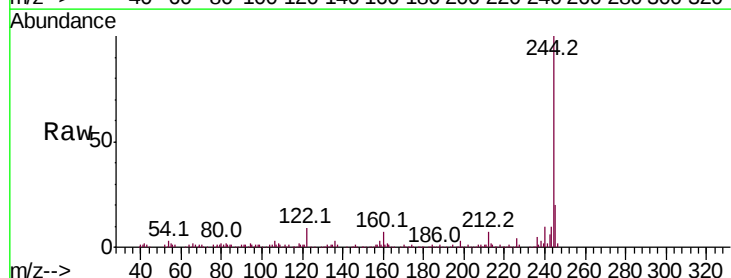
RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

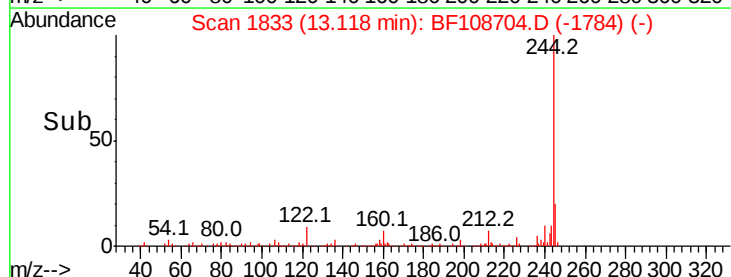
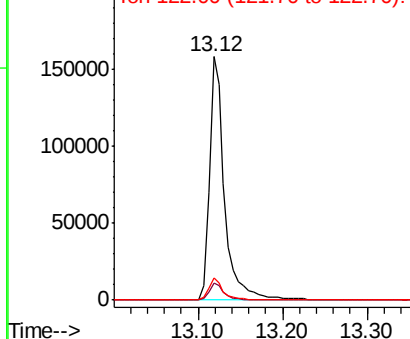
Lab File: BF108704.D

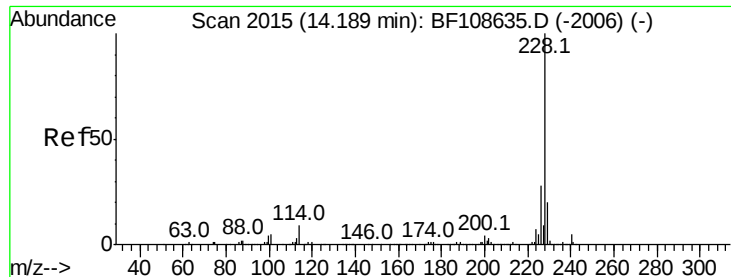
Acq: 31 Aug 2018 22:04

Tgt Ion:	244	Resp:	197012
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	9.3	11.0	16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





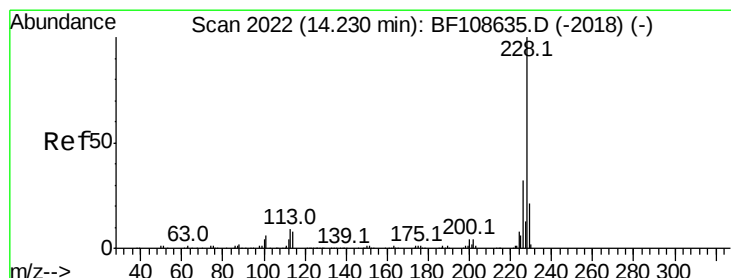
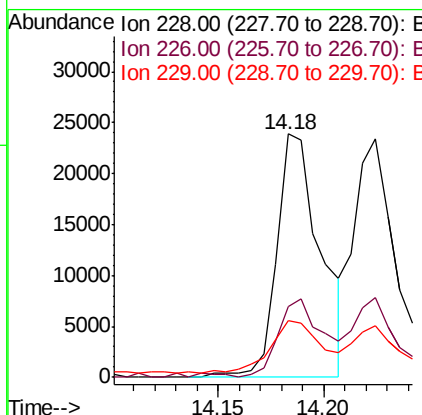
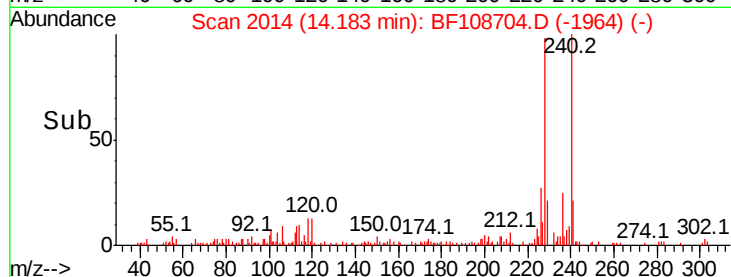
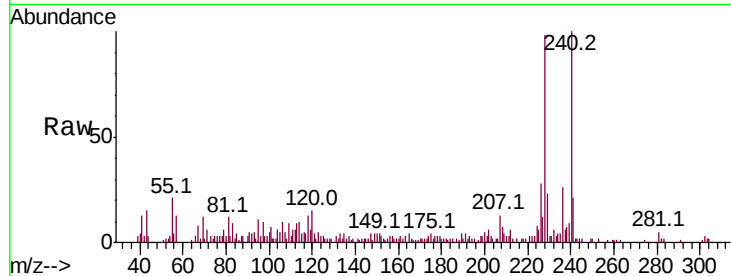
#80
Benzo(a)anthracene
Concen: 2.390 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108704.D
Acq: 31 Aug 2018 22:04

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	23.3	15.8	23.6

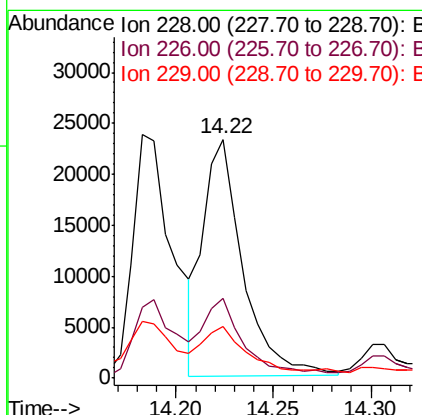
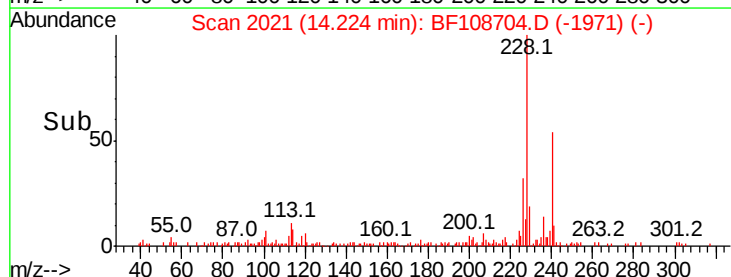
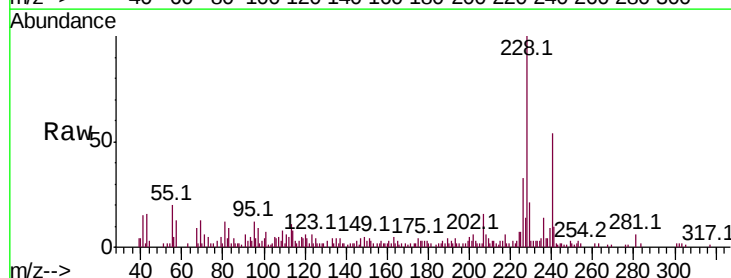
Manual Integrations
APPROVED

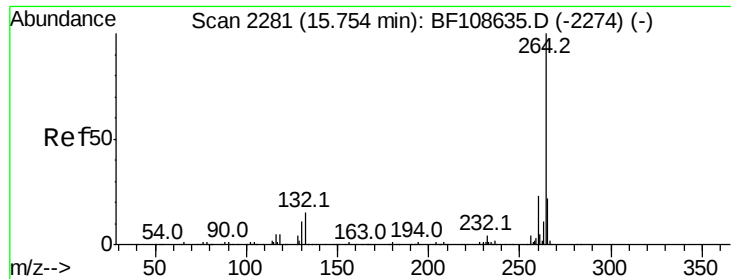
Sohil
9/4/2018 3:53:38 PM



#82
Chrysene
Concen: 2.394 ng
RT: 14.22 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF108704.D
Acq: 31 Aug 2018 22:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.0	37.6
229	21.4	16.2	24.4





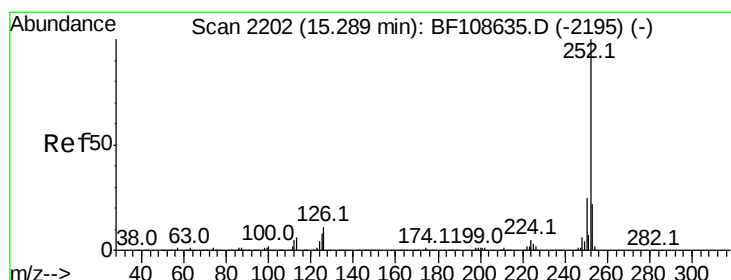
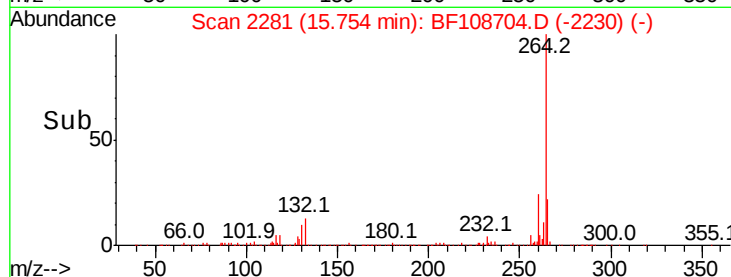
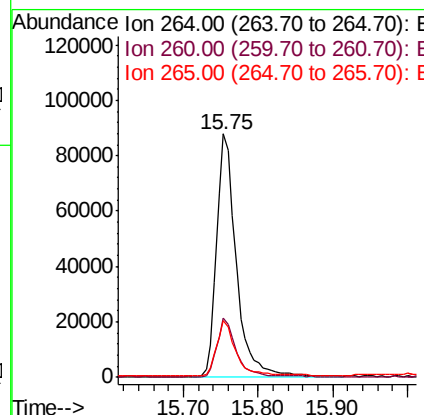
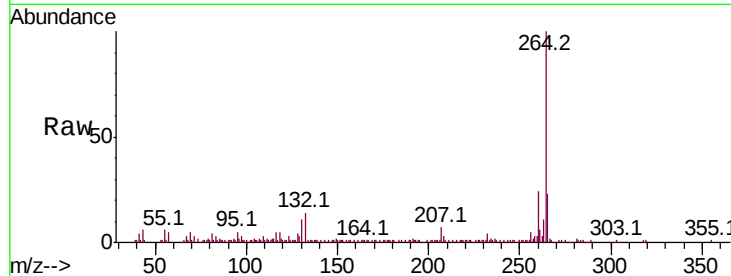
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108704.D
Acq: 31 Aug 2018 22:04

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.1	17.5	26.3

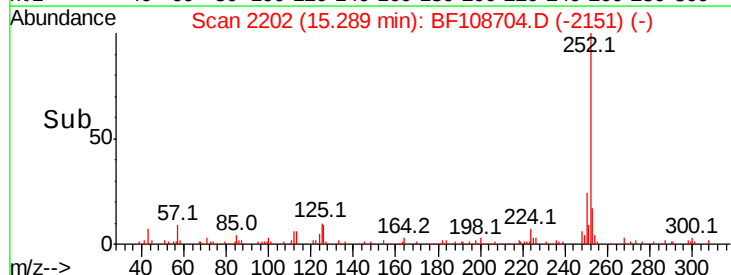
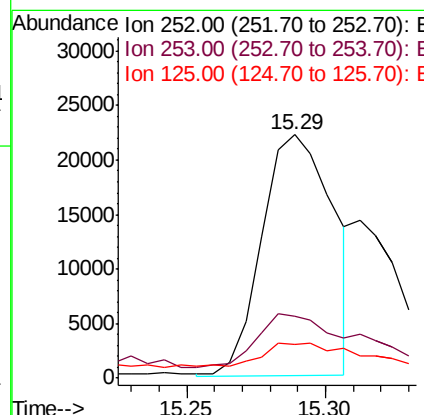
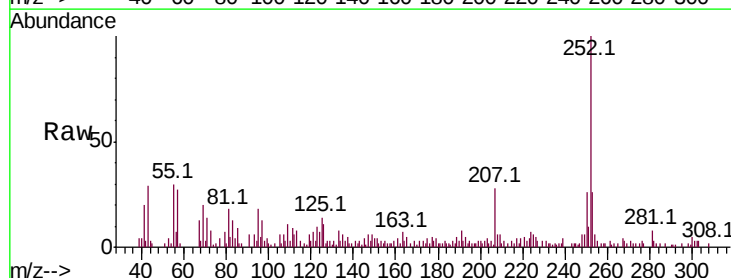
Manual Integrations
APPROVED

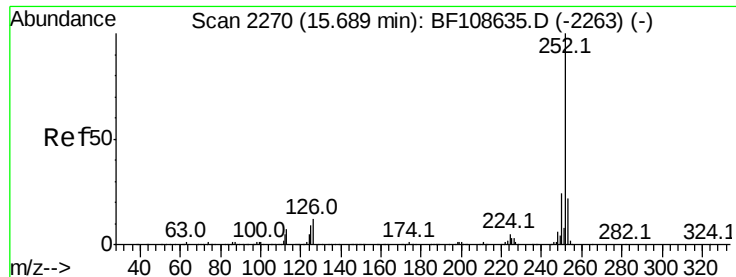
Sohil
9/4/2018 3:53:38 PM



#87
Benzo(b)fluoranthene
Concen: 3.984 ng m
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108704.D
Acq: 31 Aug 2018 22:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	13.9	9.0	13.6#





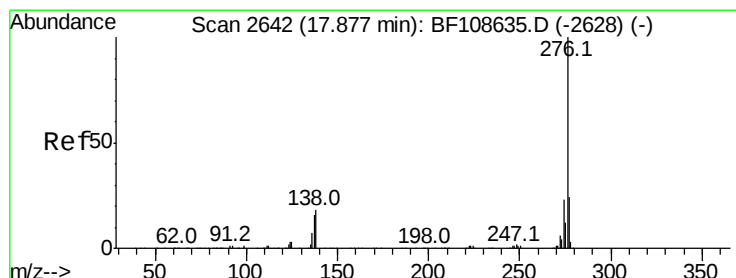
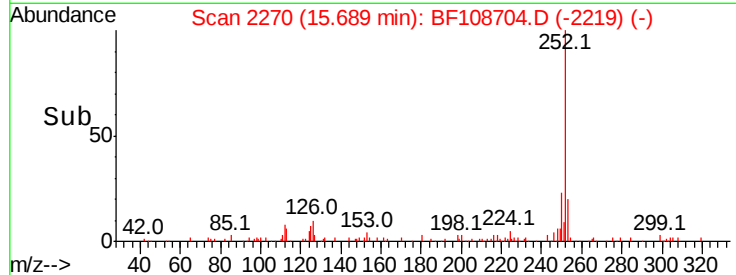
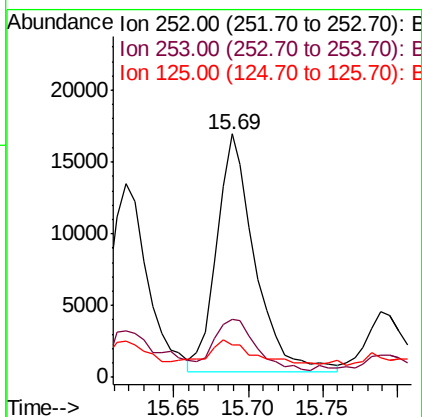
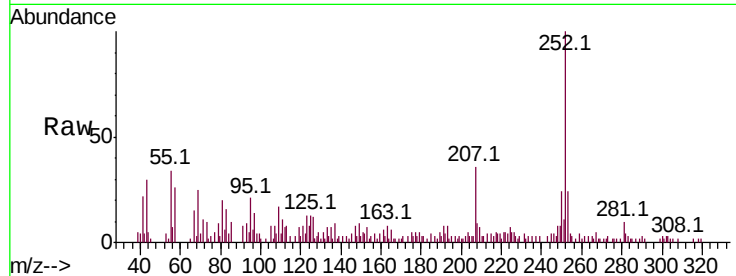
#89
Benzo(a)pyrene
Concen: 3.297 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108704.D
Acq: 31 Aug 2018 22:04

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	13.3	9.8	14.6

Manual Integrations
APPROVED

Sohil
9/4/2018 3:53:38 PM



#91
Benzo(g,h,i)perylene
Concen: 3.215 ng
RT: 17.88 min Scan# 2642
Delta R.T. -0.00 min
Lab File: BF108704.D
Acq: 31 Aug 2018 22:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.1	17.9	26.9#
138	17.4	21.8	32.8#

