

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098708.D
 Acq On : 22 Sep 2017 20:49
 Operator : SJ/JU
 Sample : I5331-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-A

Manual Integrations
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 9/25/2017 6:21:14 PM

Quant Time: Sep 23 07:00:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	159370	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	655782	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	295258	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	459496	20.00	ng	0.00
75) Chrysene-d12	14.09	240	342337	20.00	ng	0.00
86) Perylene-d12	15.58	264	357752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	195344	18.61	ng	0.00
7) Phenol-d6	6.53	99	237669	18.70	ng	-0.01
23) Nitrobenzene-d5	7.48	82	141422	14.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	46629	17.27	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	263901	14.22	ng	0.00
78) Terphenyl-d14	13.03	244	188881	11.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	50293	2.271	ng	Qvalue # 98
74) Fluoranthene	12.66	202	64905	2.613	ng	95
77) Pyrene	12.89	202	64569	2.541	ng	99
87) Benzo(b)fluoranthene	15.14	252	46092m	2.222	ng	

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

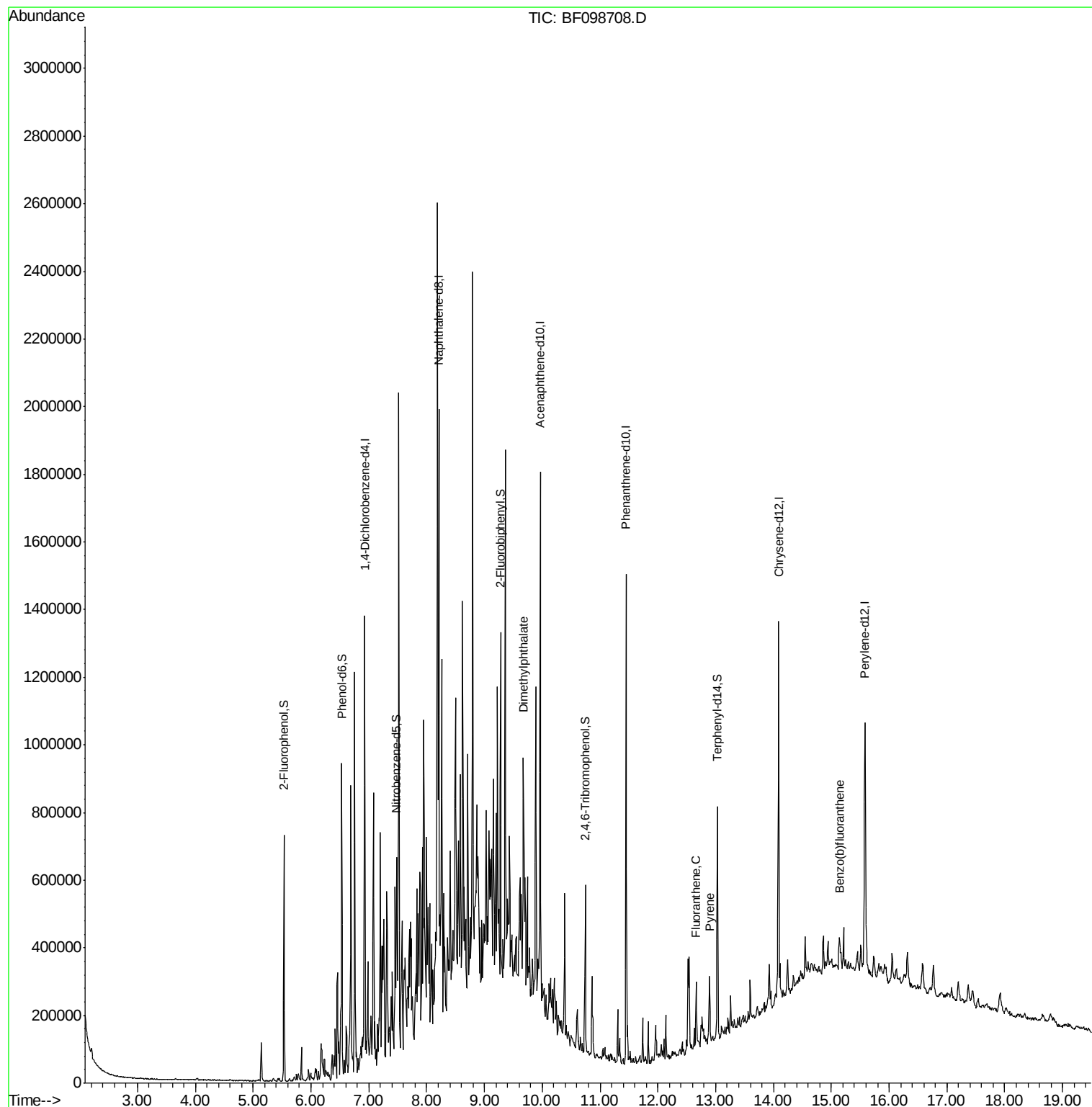
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
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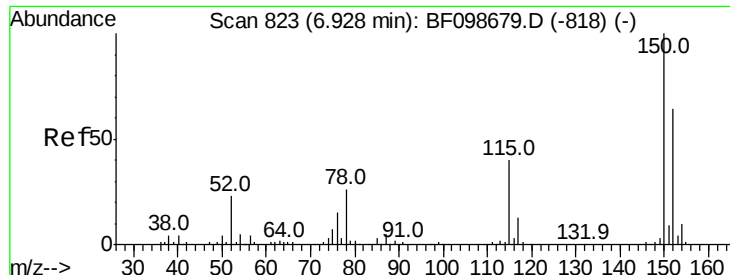
Instrument :
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#1

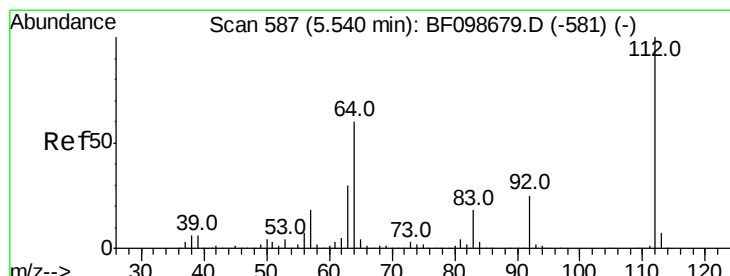
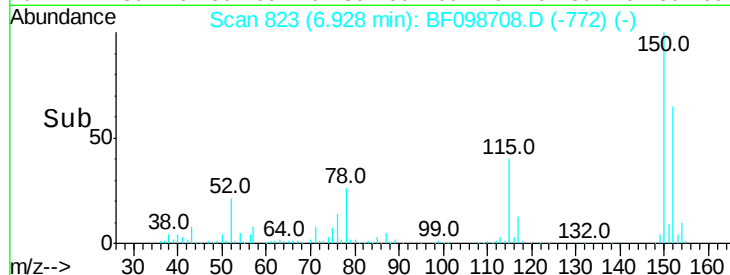
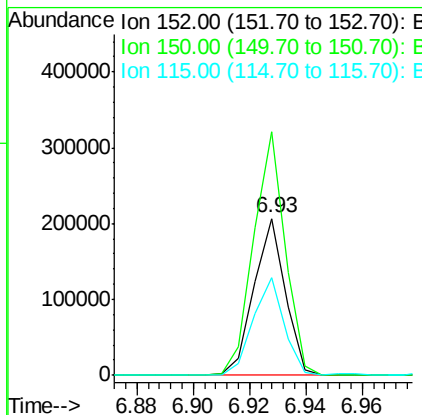
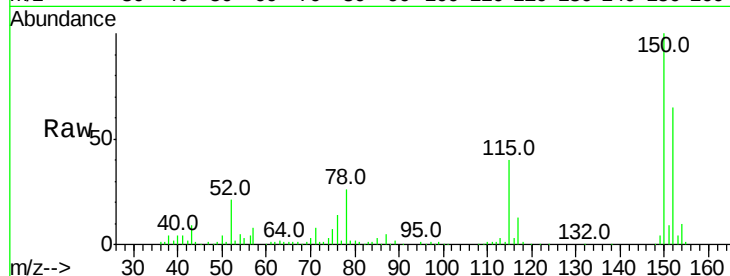
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	62.0	50.1	75.1

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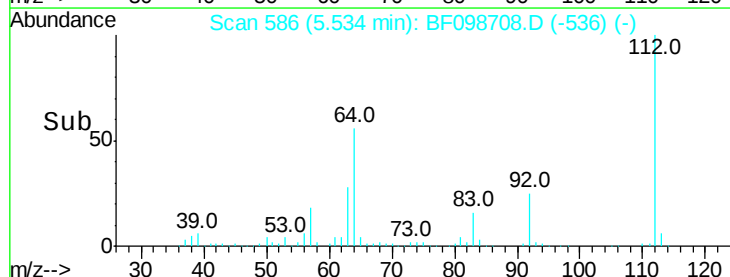
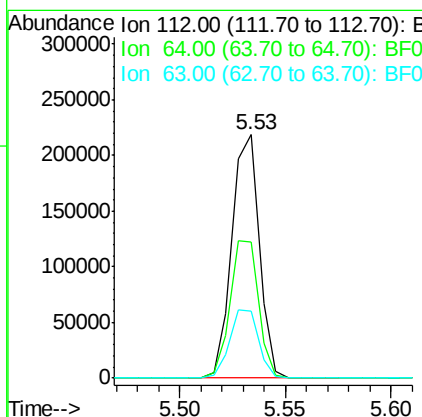
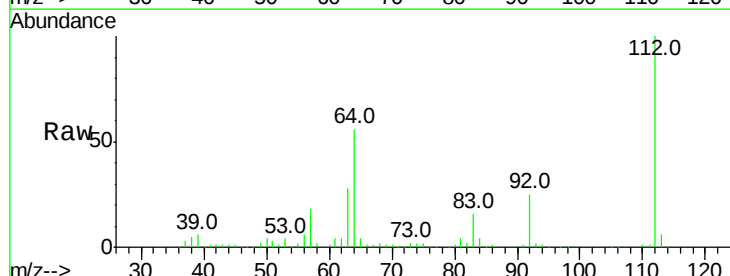
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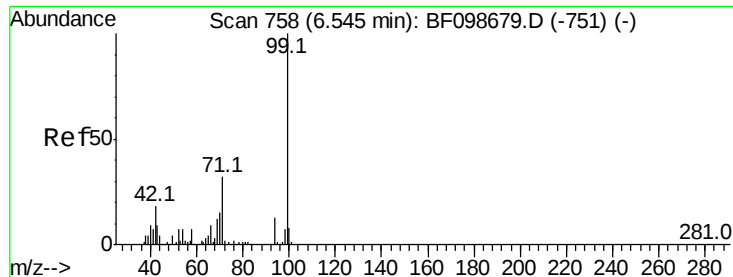


#5

2-Fluorophenol
Concen: 18.613 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 18.701 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098708.D

Acq: 22 Sep 2017 20:49

Instrument :

BNA_F

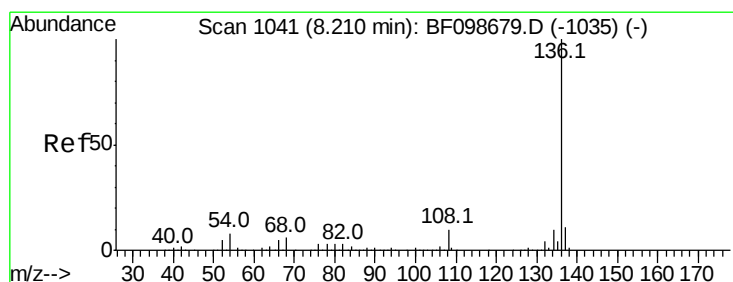
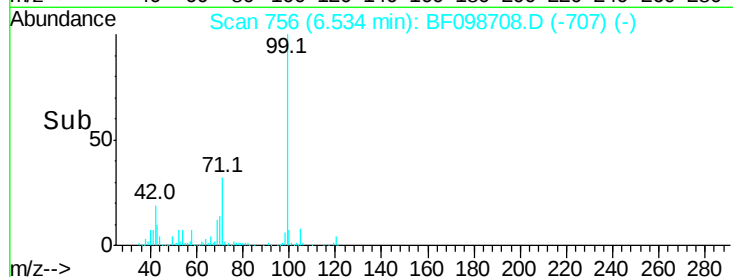
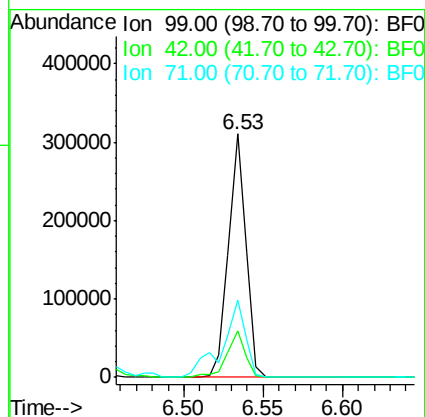
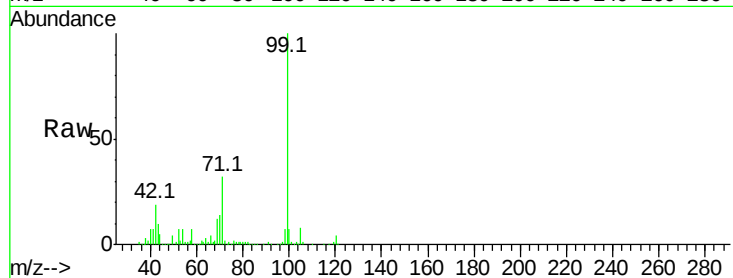
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		237669		
42	19.1	14.5	21.7		
71	31.9	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

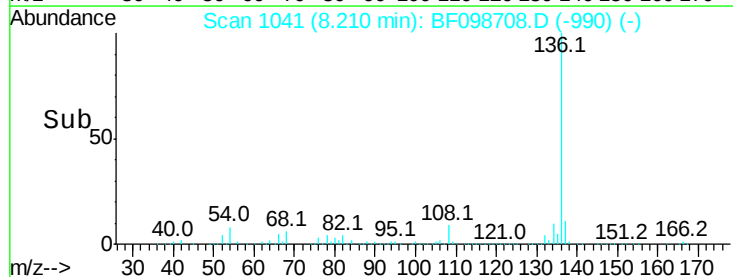
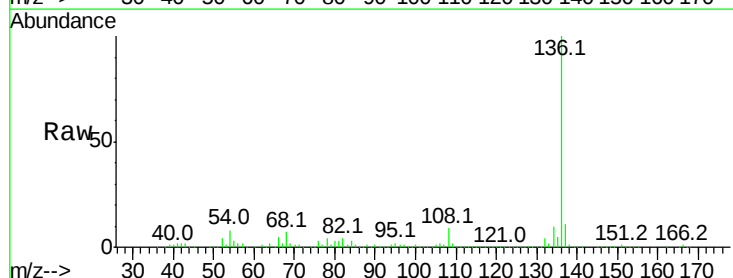
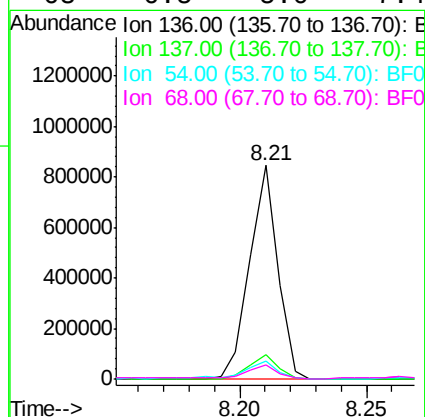
RT: 8.21 min Scan# 1041

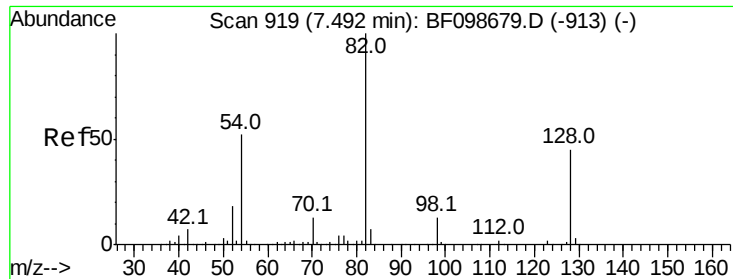
Delta R.T. 0.00 min

Lab File: BF098708.D

Acq: 22 Sep 2017 20:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		655782		
137	11.3	8.9	13.3		
54	8.4	6.6	9.8		
68	6.5	5.0	7.4		





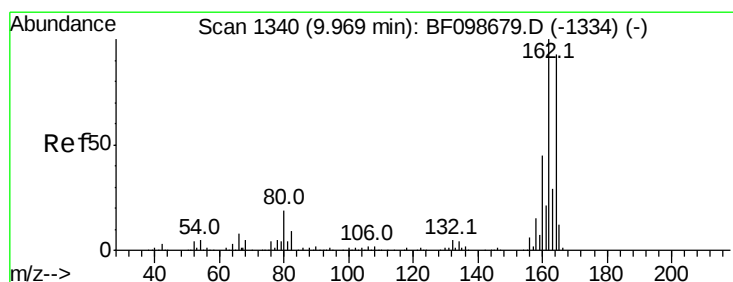
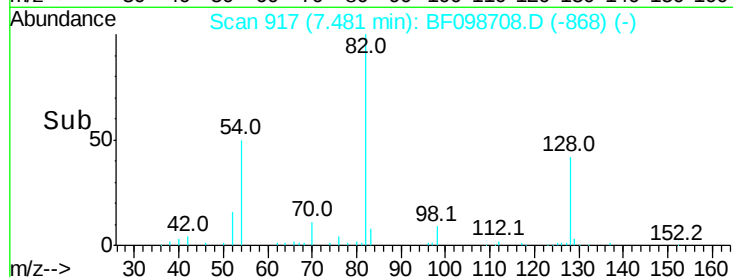
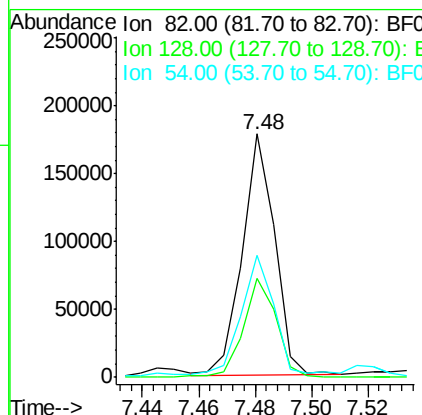
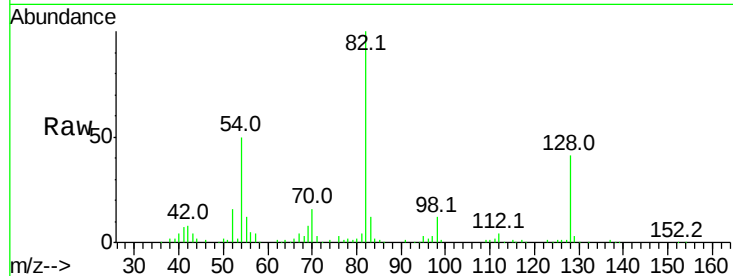
#23
Nitrobenzene-d5
Concen: 14.628 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	50.2	41.4	62.2

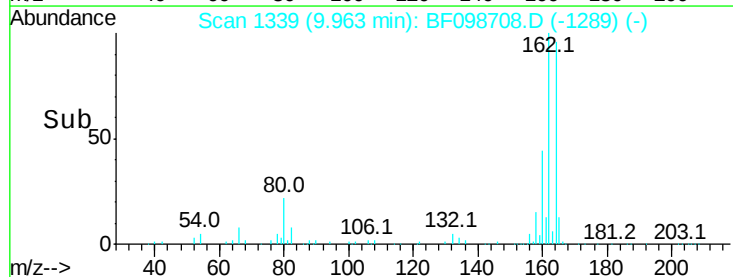
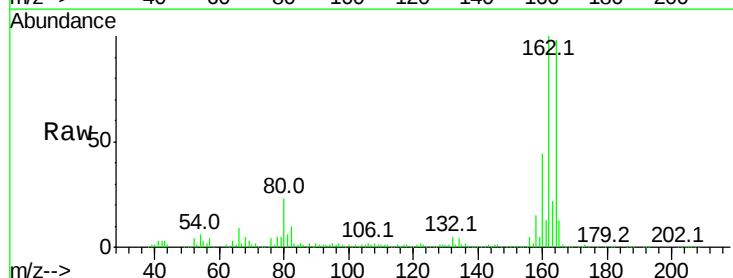
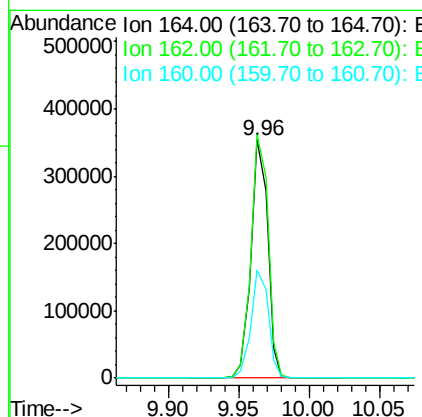
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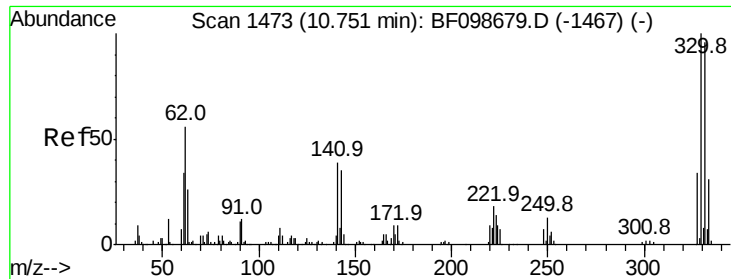
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 17.269 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098708.D

Acq: 22 Sep 2017 20:49

Instrument :

BNA_F

ClientSampleId :

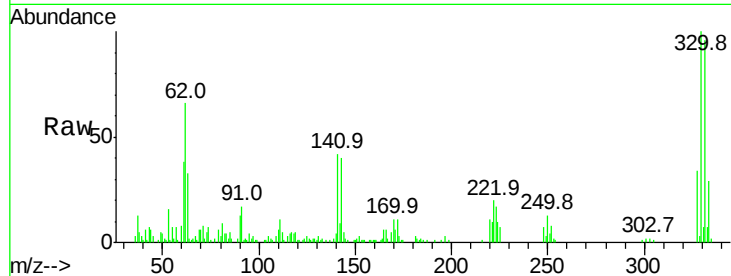
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Tot Ion:	330	Resp:	46629
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.6
141	39.4	29.9	44.9

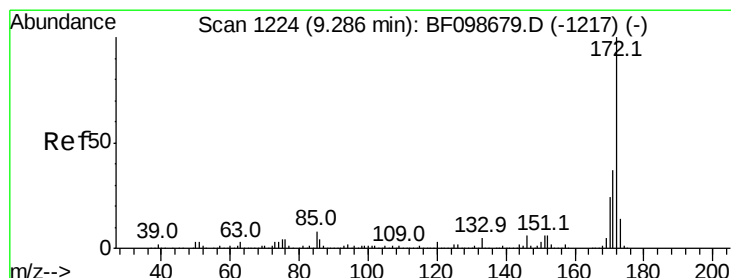
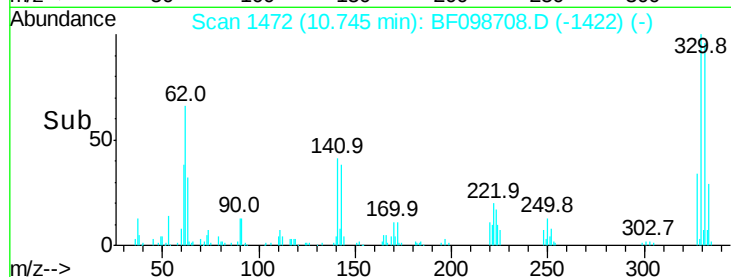
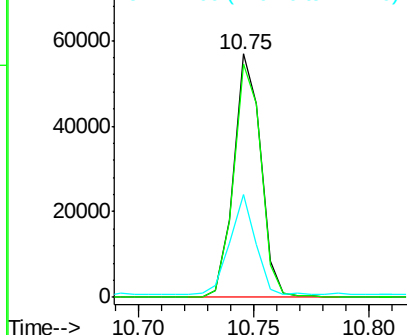
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 14.223 ng

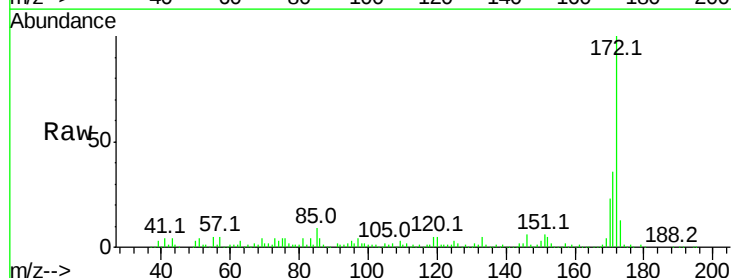
RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

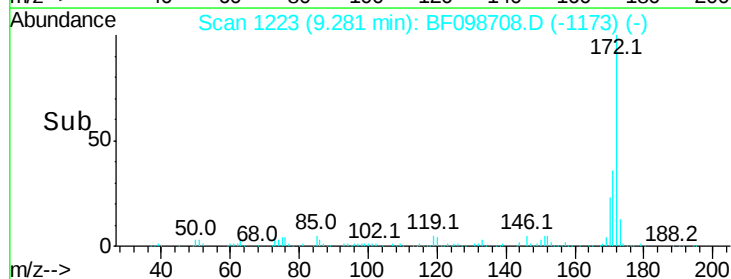
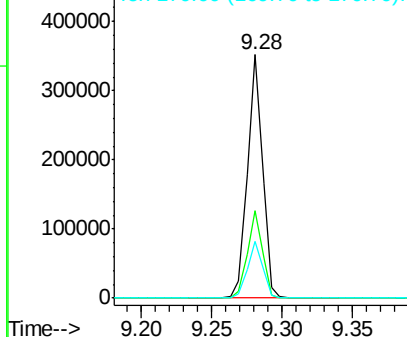
Lab File: BF098708.D

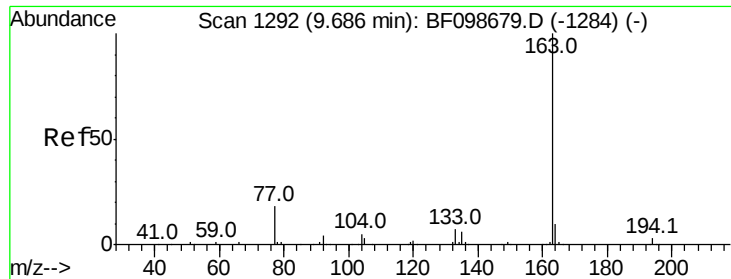
Acq: 22 Sep 2017 20:49

Tgt Ion:	172	Resp:	263901
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	23.1	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: 2.271 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF098708.D

Acq: 22 Sep 2017 20:49

Instrument :

BNA_F

ClientSampleId :

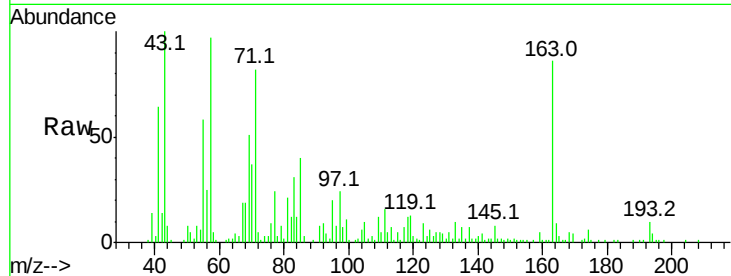
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Tot Ion:163	Resp:	50293
Ion Ratio	Lower	Upper
163	100	
194	5.1	2.7 4.1#
164	10.1	8.2 12.2

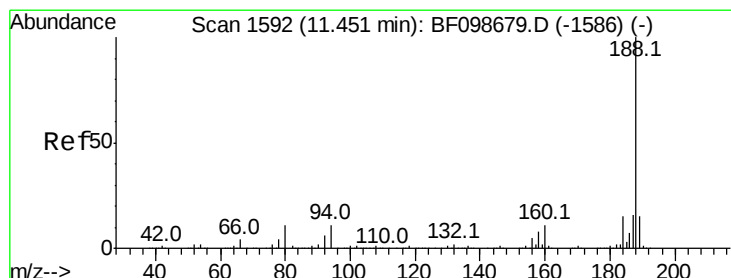
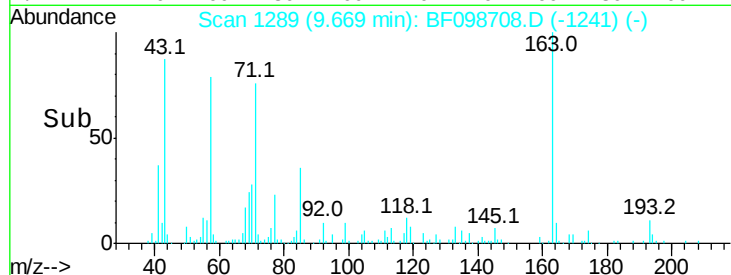
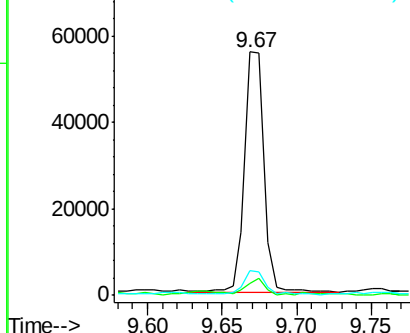
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

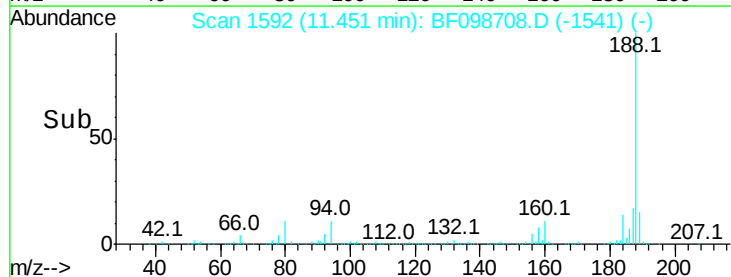
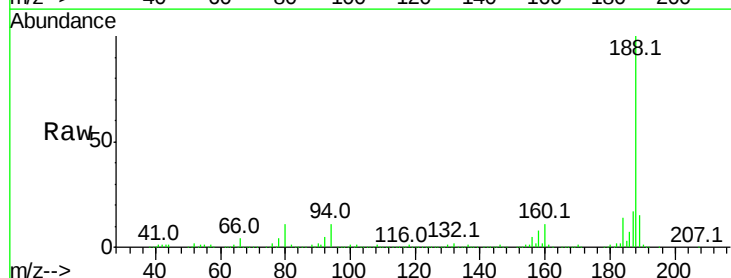
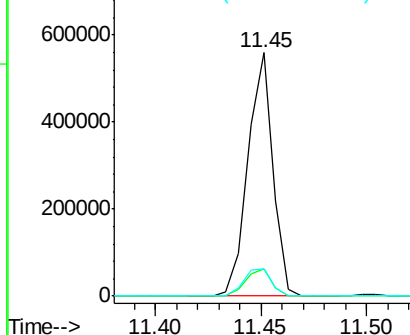
Delta R.T. 0.00 min

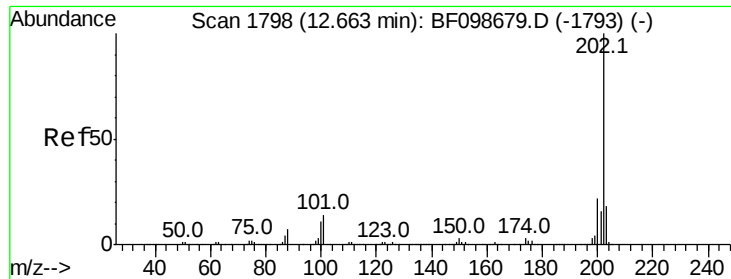
Lab File: BF098708.D

Acq: 22 Sep 2017 20:49

Tgt Ion:188	Resp:	459496
Ion Ratio	Lower	Upper
188	100	
94	11.0	8.5 12.7
80	11.2	9.2 13.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.613 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF098708.D

Acq: 22 Sep 2017 20:49

Instrument :

BNA_F

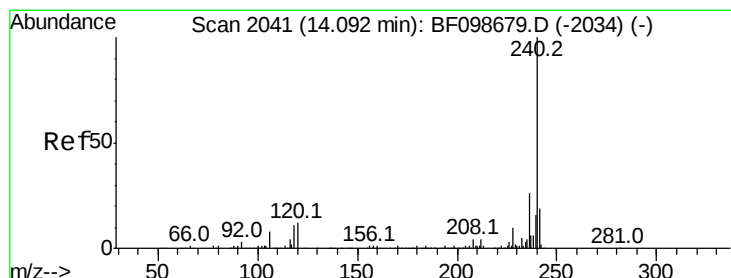
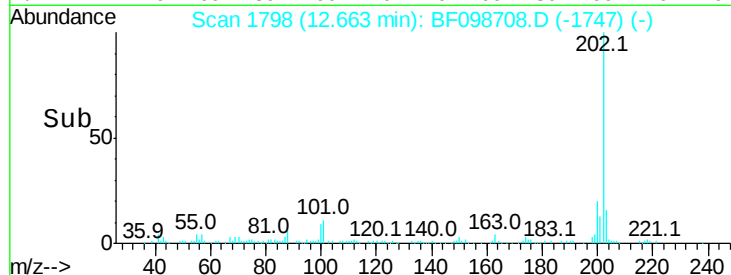
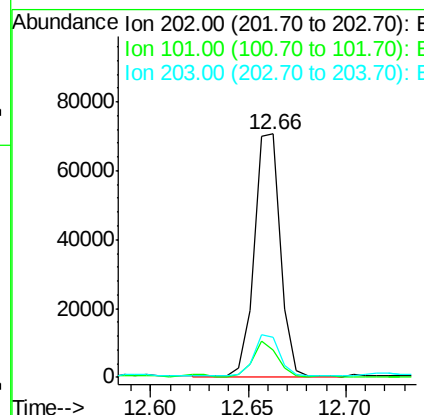
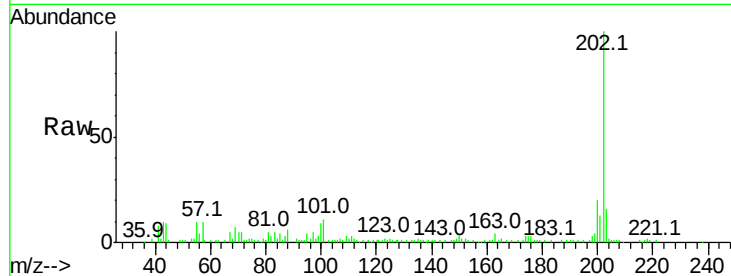
ClientSampleId :

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Tot Ion:	202	Resp:	64905
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	34.1
203	16.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

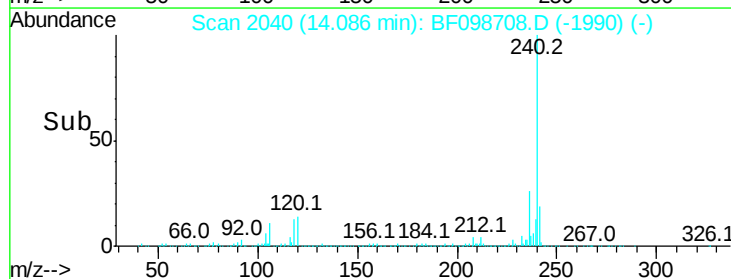
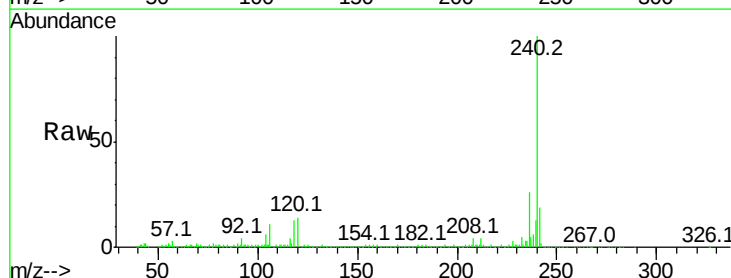
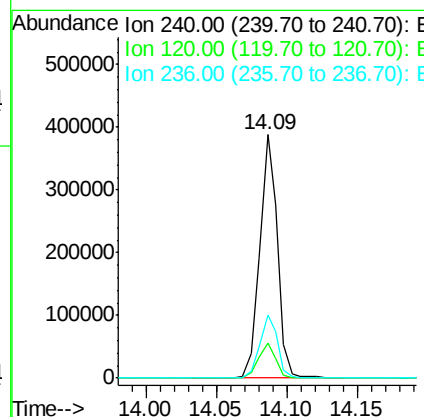
RT: 14.09 min Scan# 2040

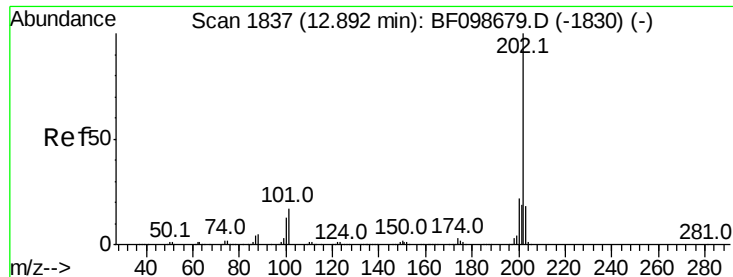
Delta R.T. -0.01 min

Lab File: BF098708.D

Acq: 22 Sep 2017 20:49

Tgt Ion:	240	Resp:	342337
Ion Ratio	Lower	Upper	
240	100		
120	14.3	9.5	14.3#
236	25.7	20.7	31.1





#77

Pvrene

Concen: 2.541 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF098708.D

Acq: 22 Sep 2017 20:49

Instrument :

BNA_F

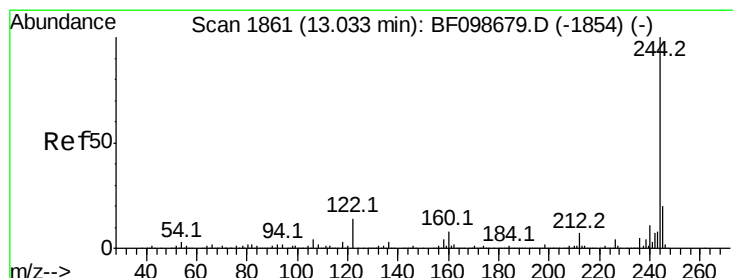
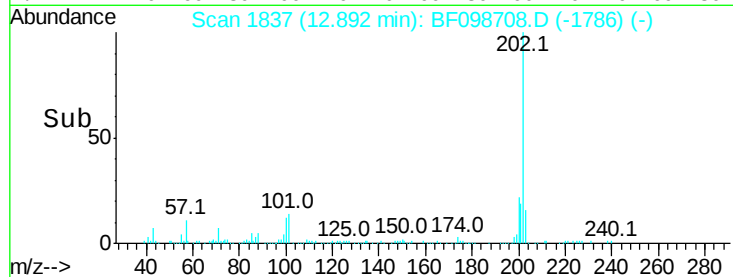
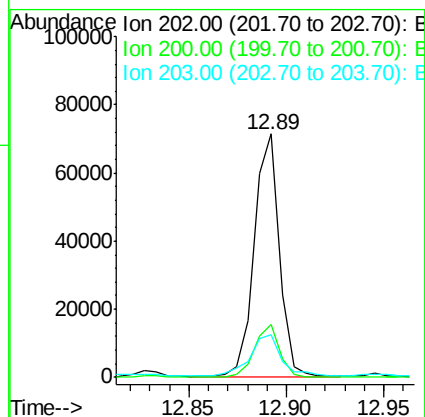
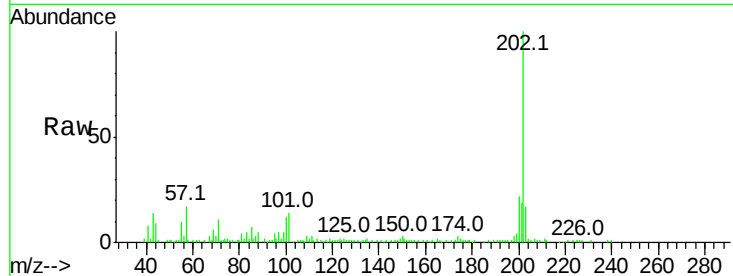
ClientSampleId :

HR-05-092017-A

Tot Ion:	202	Resp:	64569
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 11.847 ng

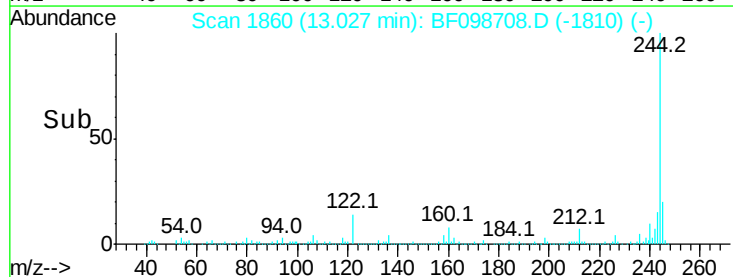
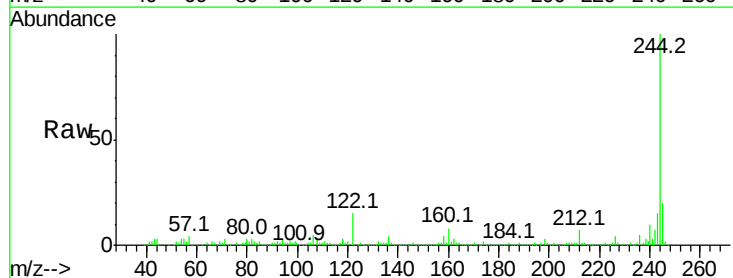
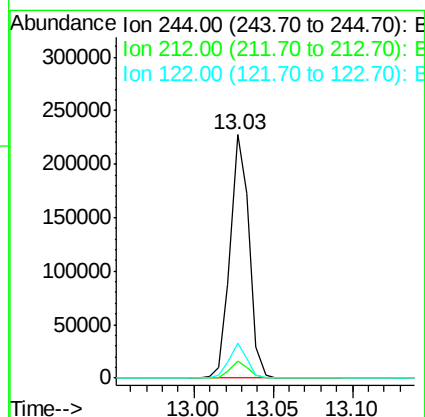
RT: 13.03 min Scan# 1860

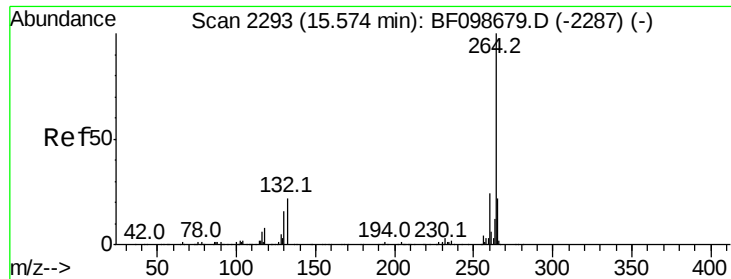
Delta R.T. -0.01 min

Lab File: BF098708.D

Acq: 22 Sep 2017 20:49

Tgt Ion:	244	Resp:	188881
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	14.5	11.0	16.4





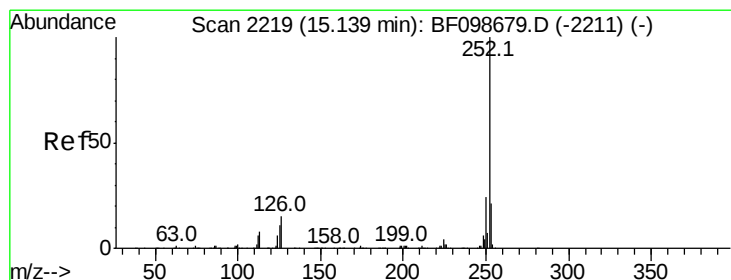
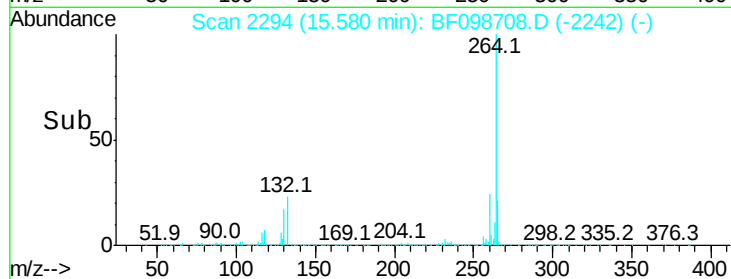
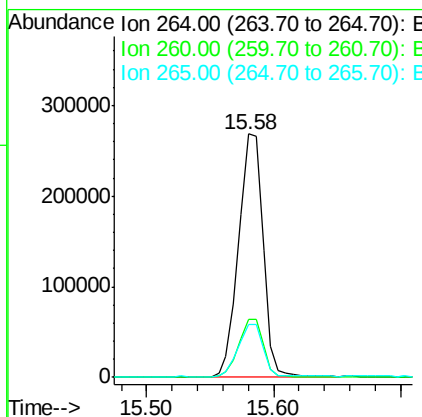
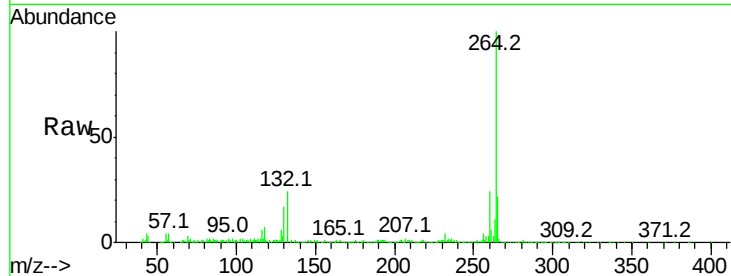
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:14 PM



#87
Benzo(b)fluoranthene
Concen: 2.222 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	21.9	9.0	13.6#

