

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098694.D
 Acq On : 22 Sep 2017 12:34
 Operator : SJ/JU
 Sample : I5309-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-COMP

Manual Integrations
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 9/25/2017 6:21:04 PM

Quant Time: Sep 22 13:24:59 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 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	160889	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	643247	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	273458	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	430093	20.00	ng	0.00
75) Chrysene-d12	14.09	240	335561	20.00	ng	0.00
86) Perylene-d12	15.58	264	349596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1180345	111.40	ng	0.01
7) Phenol-d6	6.55	99	1424636	111.04	ng	0.00
23) Nitrobenzene-d5	7.49	82	840968	88.68	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	275815	110.29	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1351055	78.62	ng	0.00
78) Terphenyl-d14	13.03	244	1021231	65.35	ng	0.00
Target Compounds						
10) Phenol	6.56	94	31755	2.242	ng	Qvalue # 74
49) Dimethylphthalate	9.67	163	230212	11.226	ng	99
70) Phenanthrene	11.47	178	59235	2.539	ng	97
74) Fluoranthene	12.66	202	61318	2.637	ng	96
77) Pyrene	12.89	202	49992	2.007	ng	98

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

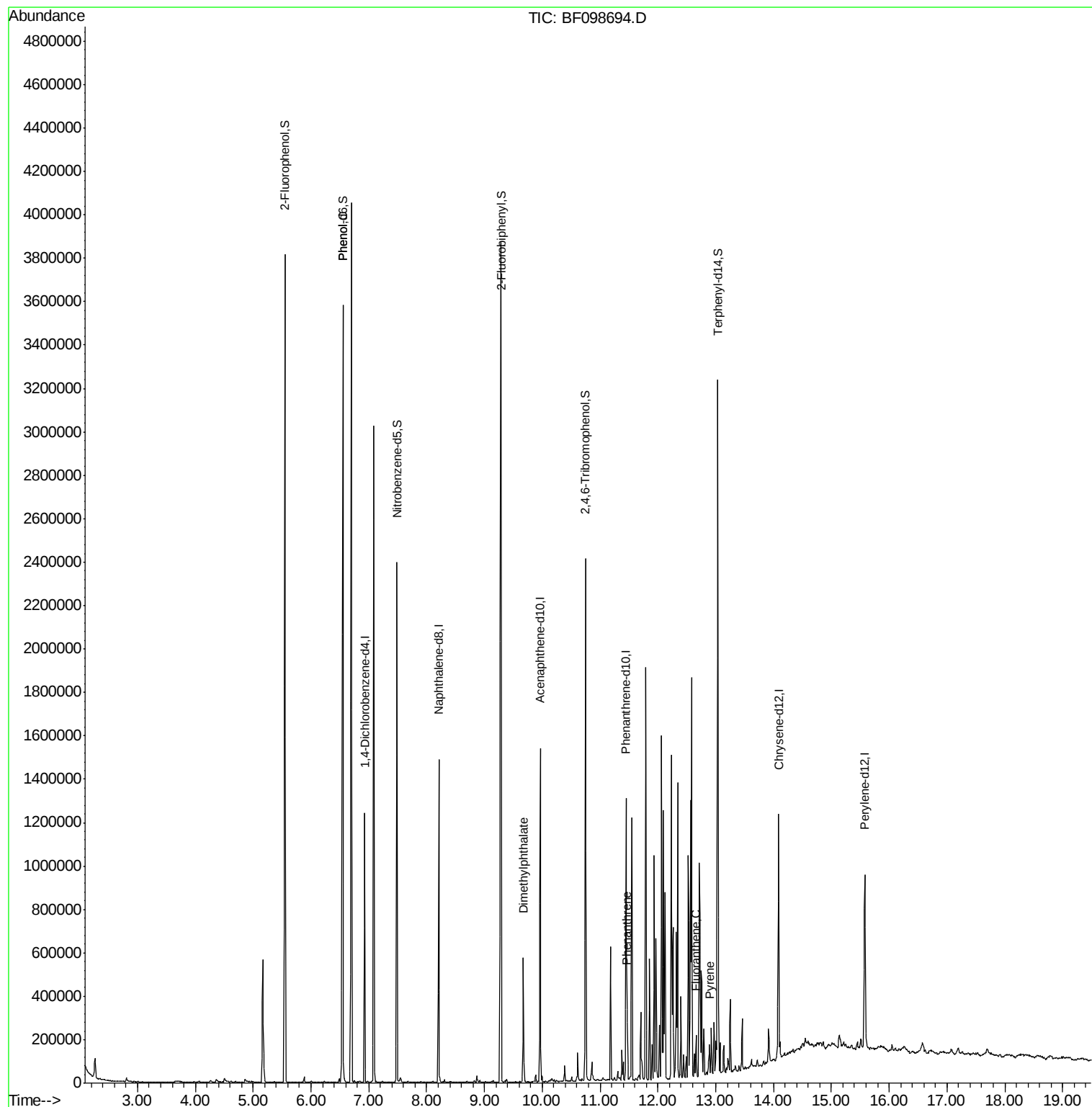
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098694.D
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Sample : I5309-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

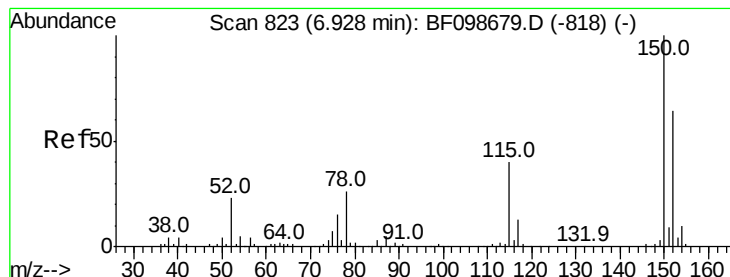
Instrument :
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#1

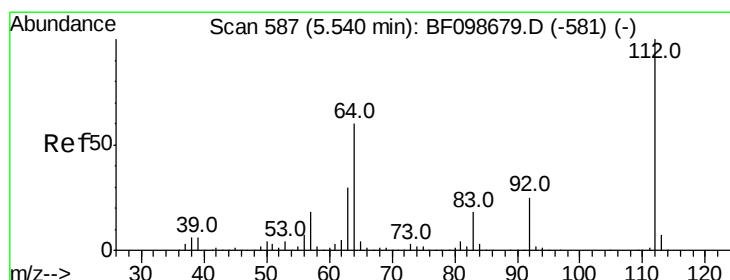
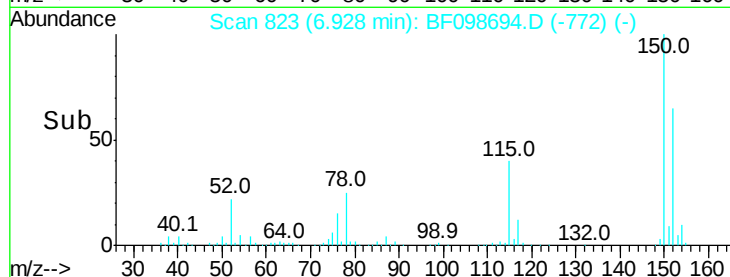
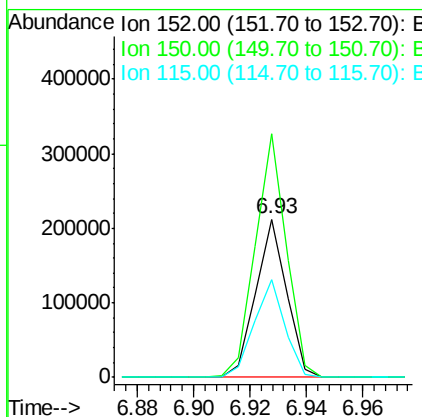
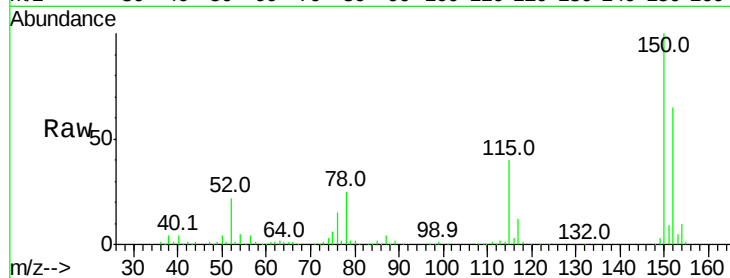
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098694.D
Acq: 22 Sep 2017 12:34

Instrument :
BNA_F
ClientSampleId :
TP-1-4-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	61.4	50.1	75.1

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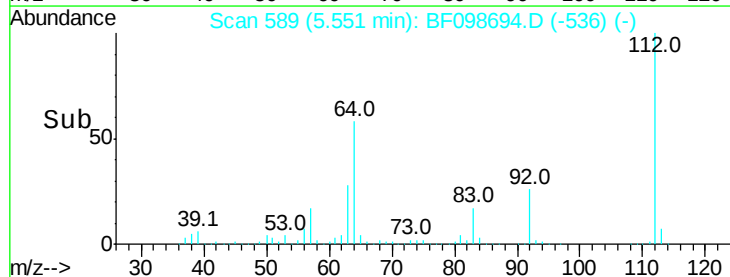
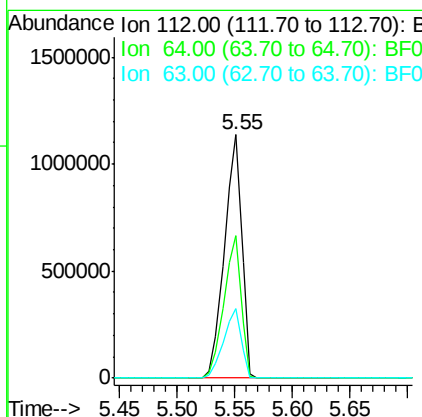
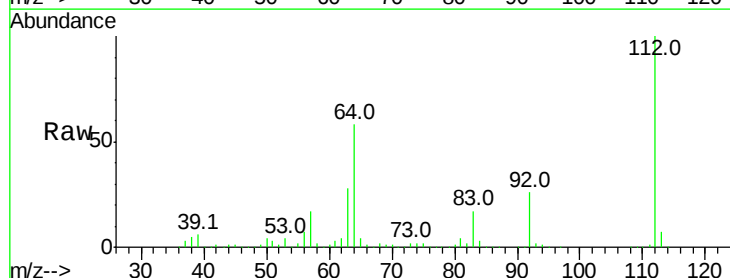
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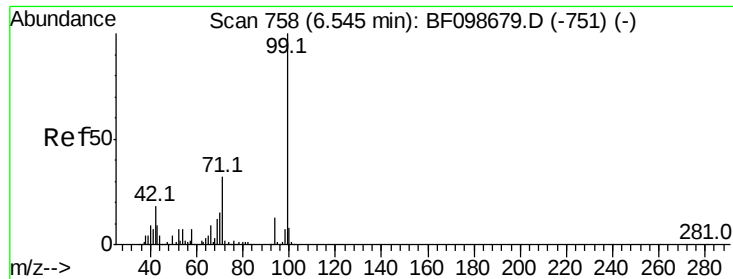


#5

2-Fluorophenol
Concen: 111.405 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098694.D
Acq: 22 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 111.039 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098694.D

Acq: 22 Sep 2017 12:34

Instrument :

BNA_F

ClientSampleId :

TP-1-4-COMP

Tot Ion: 99 Resp: 1424636

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

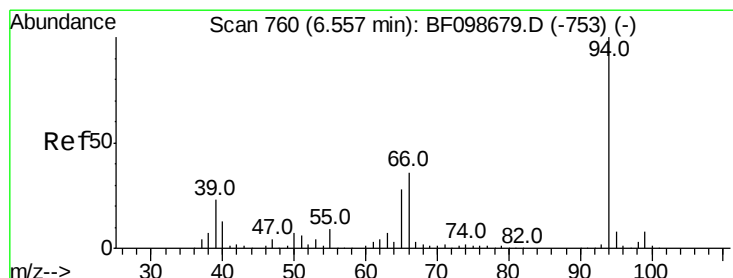
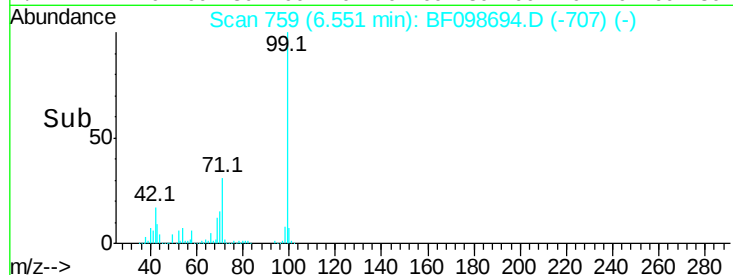
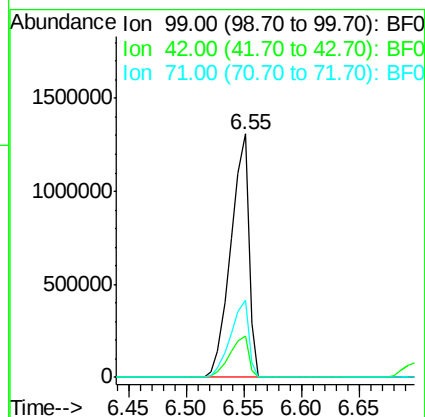
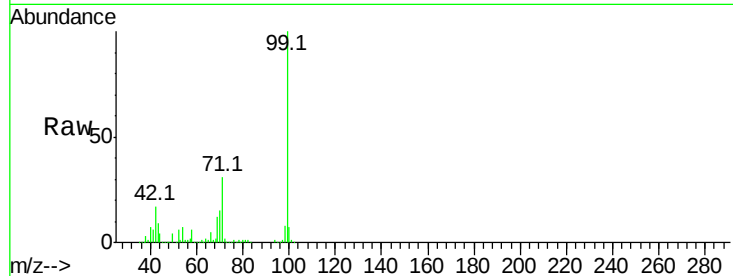
71 31.5 25.4 38.0

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#10

Phenol

Concen: 2.242 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF098694.D

Acq: 22 Sep 2017 12:34

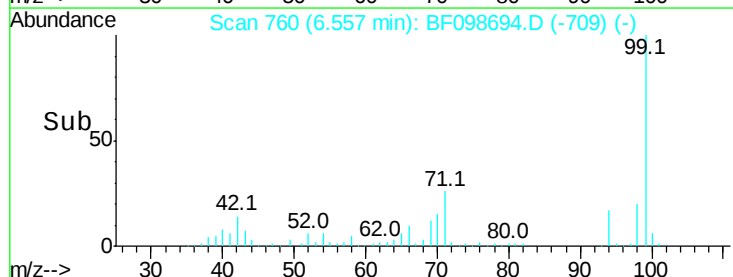
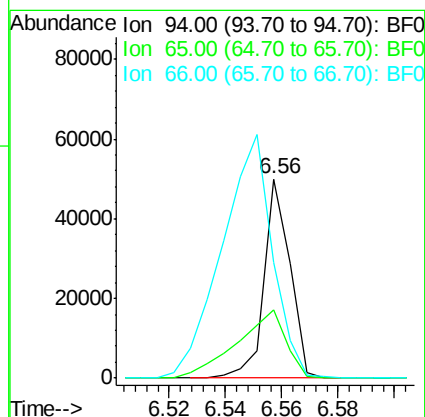
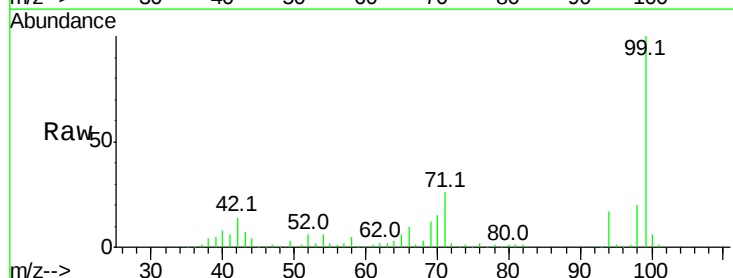
Tgt Ion: 94 Resp: 31755

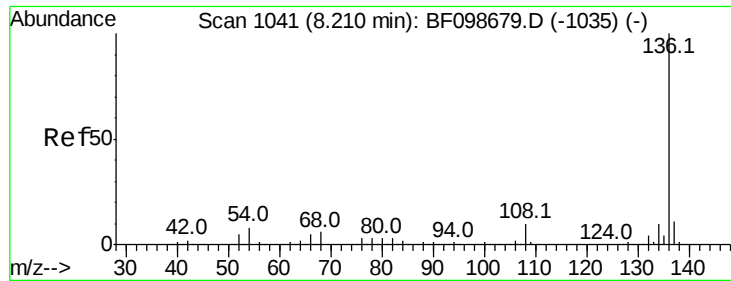
Ion Ratio Lower Upper

94 100

65 34.0 7.9 47.9

66 58.1 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF098694.D

Acq: 22 Sep 2017 12:34

Instrument :

BNA_F

ClientSampleId :

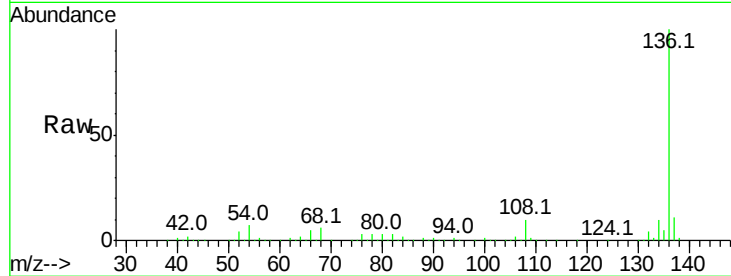
TP-1-4-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.4	6.6	9.8	
68	5.8	5.0	7.4	

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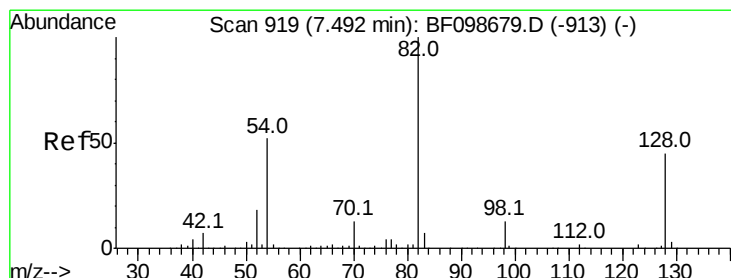
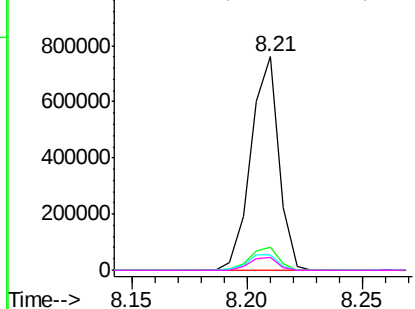
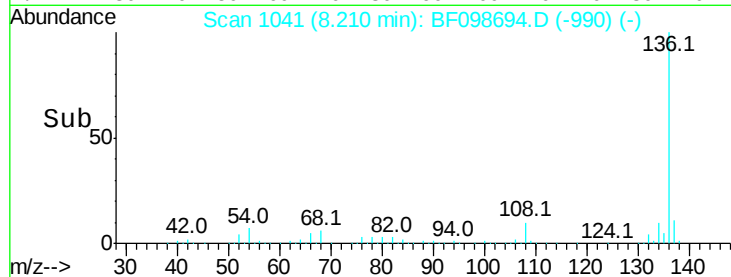


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 88.680 ng

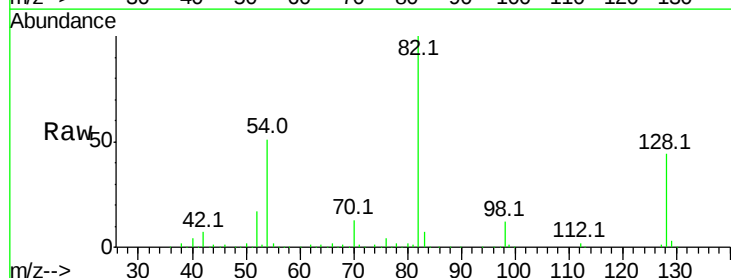
RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF098694.D

Acq: 22 Sep 2017 12:34

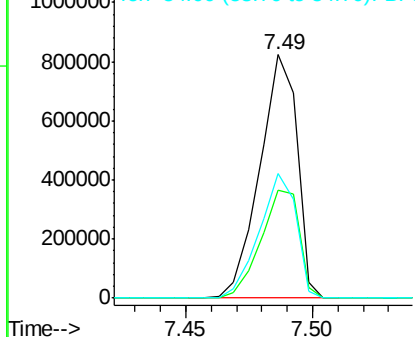
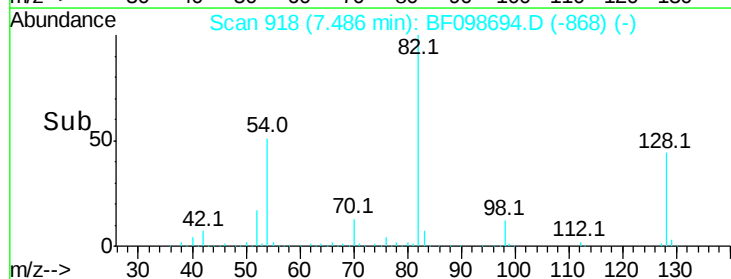
Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	36.1	54.1	
54	51.2	41.4	62.2	

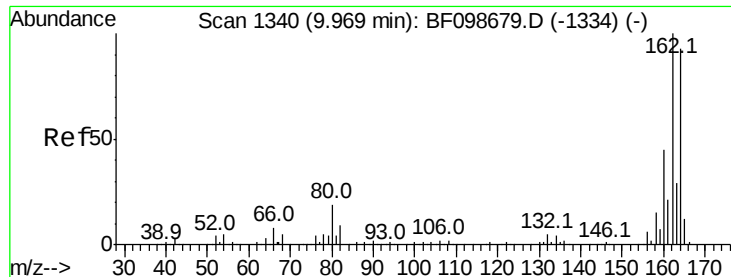


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





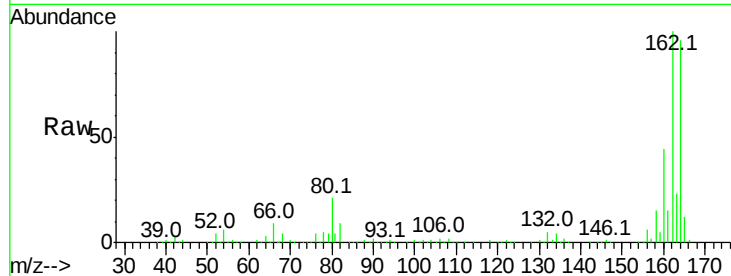
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-COMP

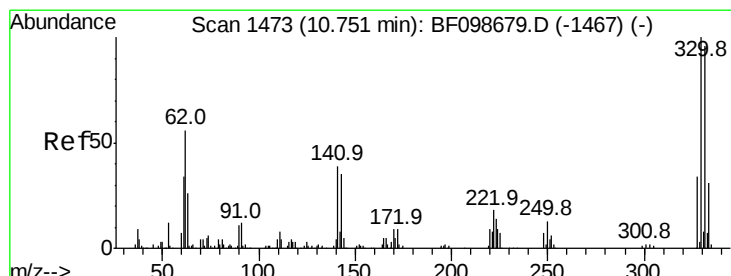
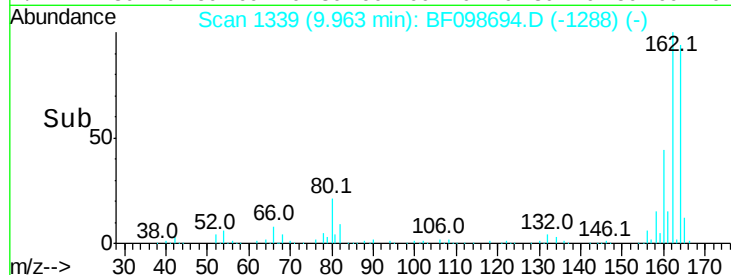
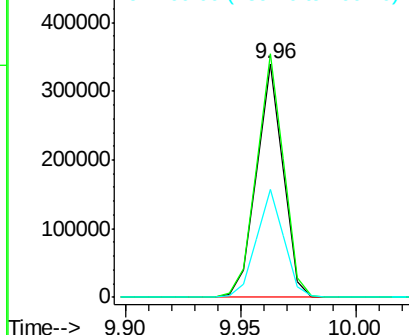
Tot Ion	Ratio	Resp	Lower	Upper
164	100	273458		
162	104.2	86.1	129.1	
160	46.1	38.3	57.5	

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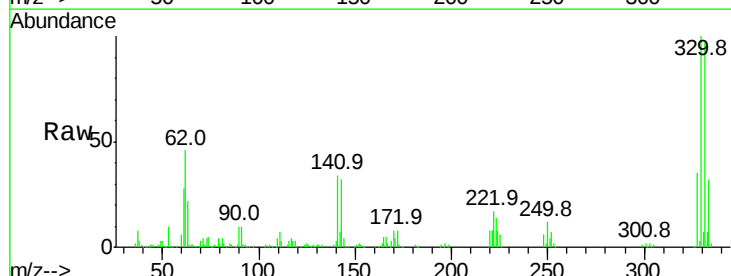


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

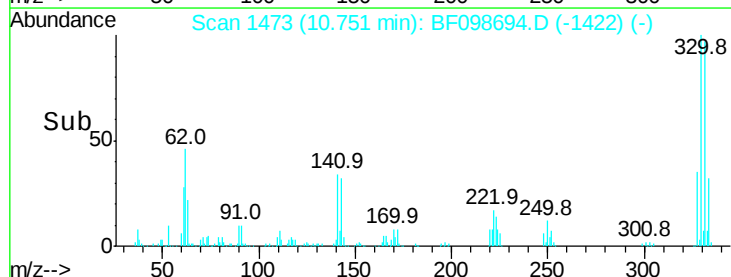
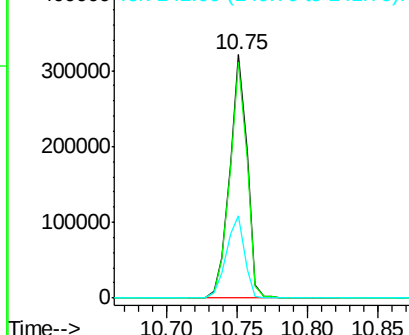


#41
 2,4,6-Tribromophenol
 Concen: 110.289 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	275815		
332	96.3	77.0	115.6	
141	35.6	29.9	44.9	



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





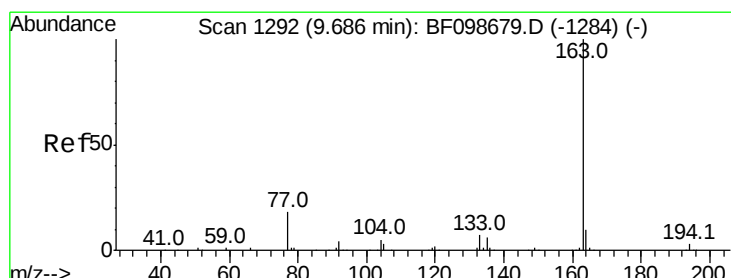
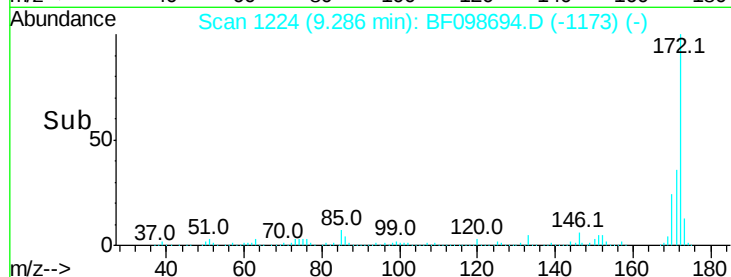
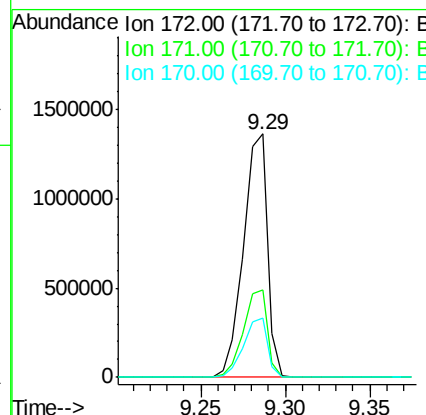
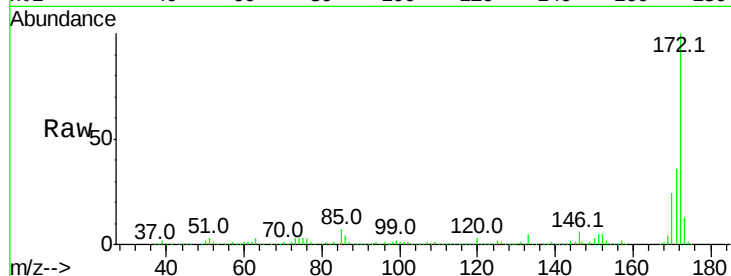
#44
2-Fluorobiphenyl
Concen: 78.619 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF098694.D
Acq: 22 Sep 2017 12:34

Instrument :
BNA_F
ClientSampleId :
TP-1-4-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

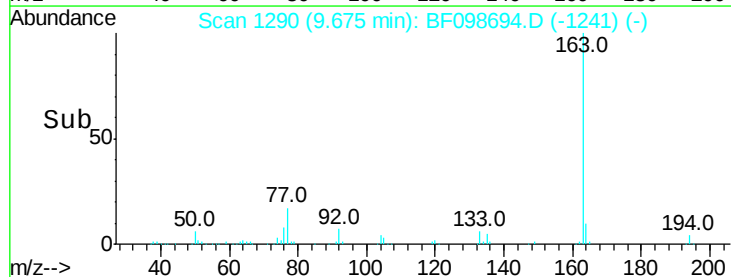
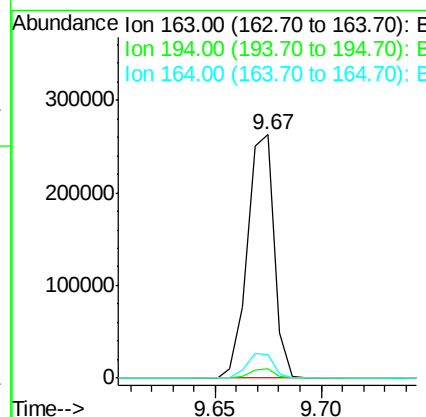
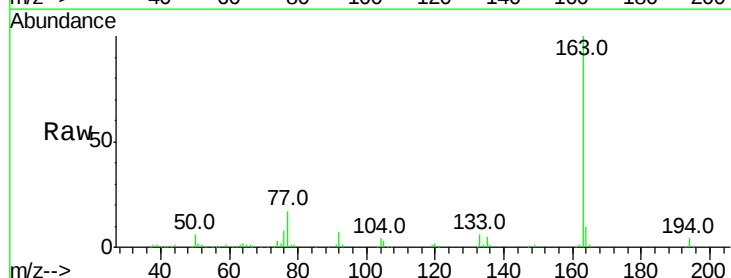
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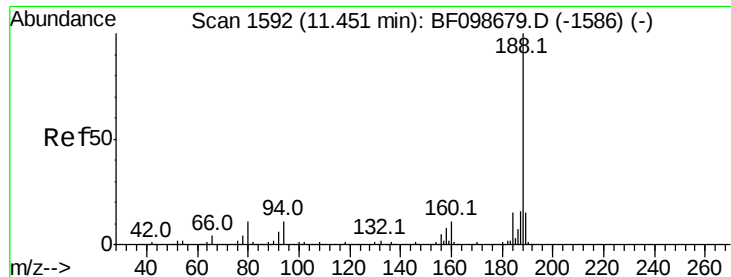
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#49
Dimethylphthalate
Concen: 11.226 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098694.D
Acq: 22 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF098694.D

Acq: 22 Sep 2017 12:34

Instrument :

BNA_F

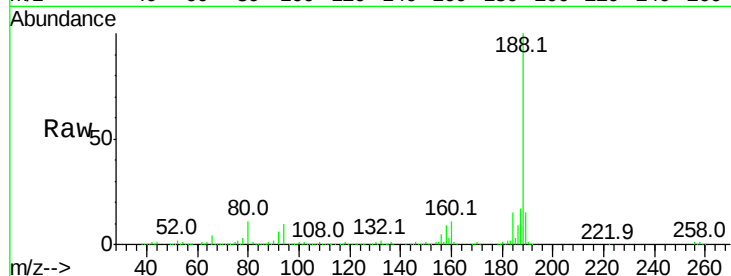
ClientSampleId :

TP-1-4-COMP

Tot Ion:	188	Resp:	430093
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.5	12.7
80	10.9	9.2	13.8

Manual Integrations
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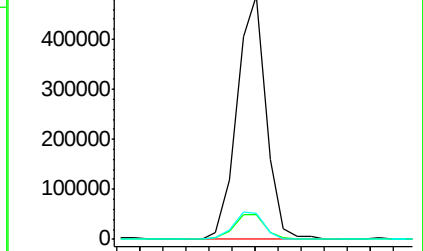
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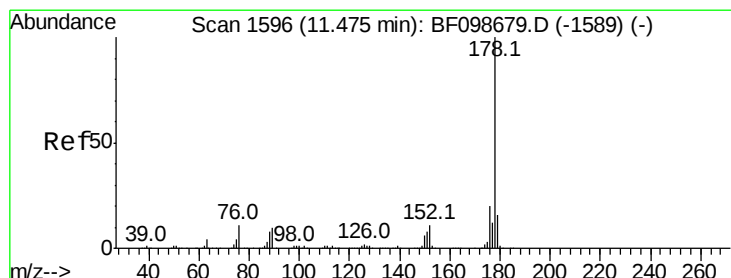
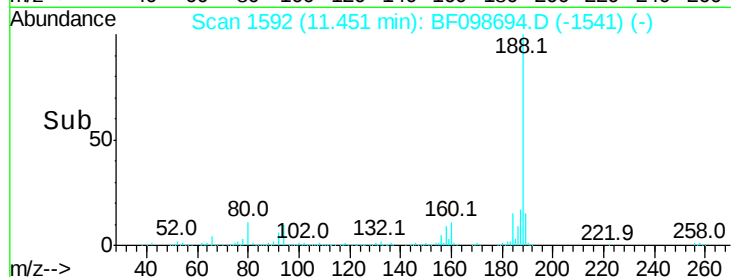
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#70

Phenanthrene

Concen: 2.539 ng

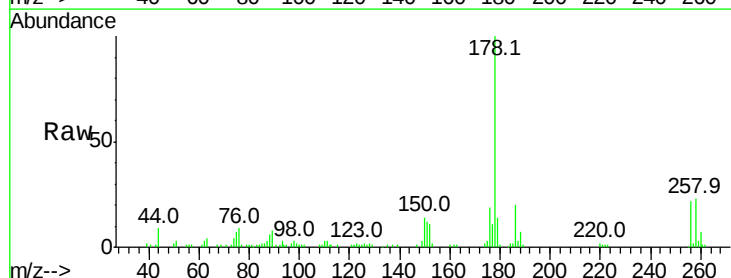
RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF098694.D

Acq: 22 Sep 2017 12:34

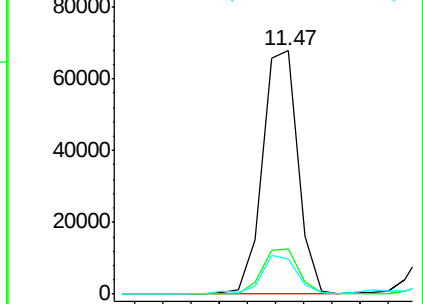
Tgt Ion:	178	Resp:	59235
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.8	23.8
179	14.3	13.0	19.6



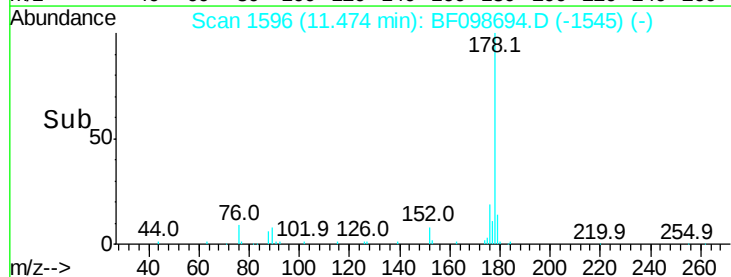
Abundance Ion 178.00 (177.70 to 178.70): E

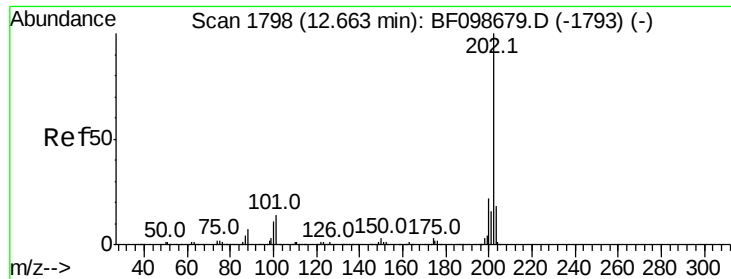
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#74

Fluoranthene

Concen: 2.637 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF098694.D

Acq: 22 Sep 2017 12:34

Instrument :

BNA_F

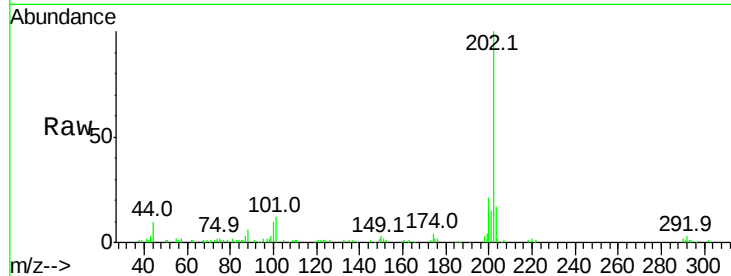
ClientSampled :

TP-1-4-COMP

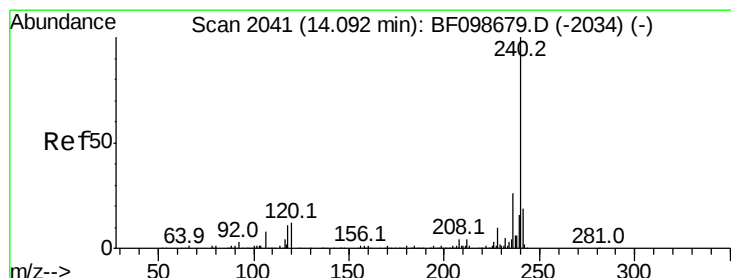
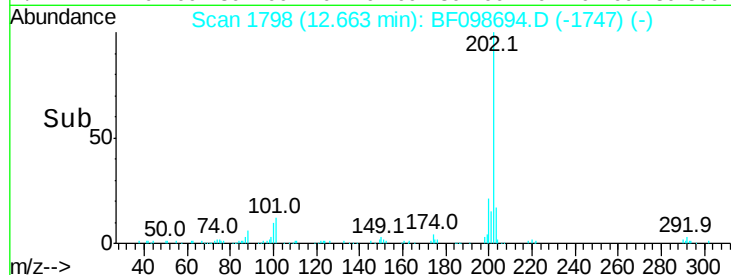
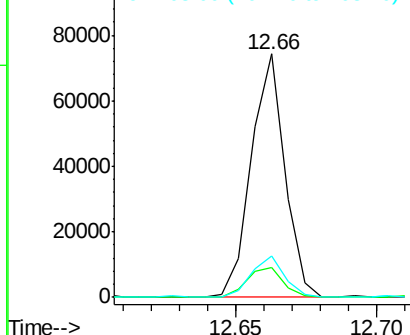
Tot Ion:	202	Resp:	61318
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.0	0.0	38.1

Manual Integrations
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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

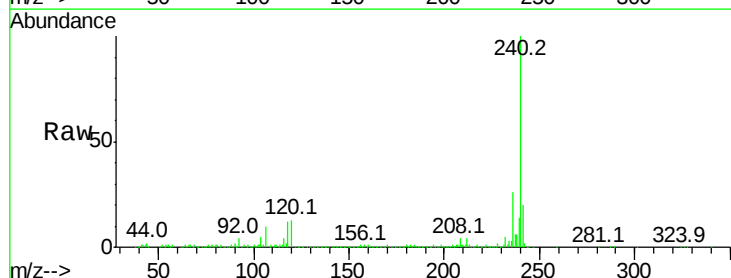
RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

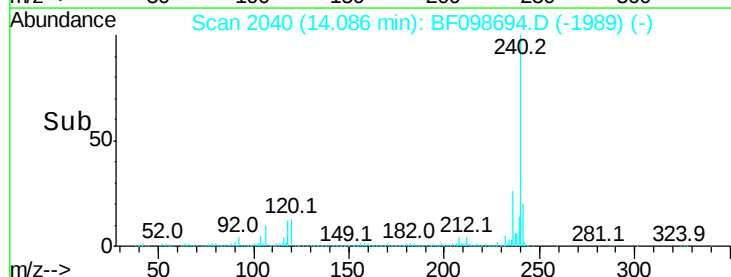
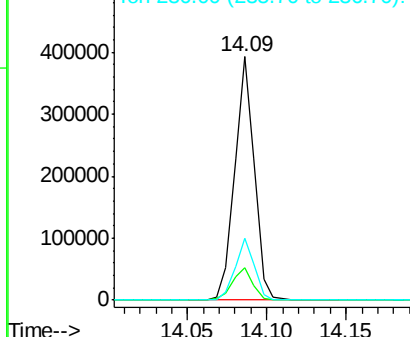
Lab File: BF098694.D

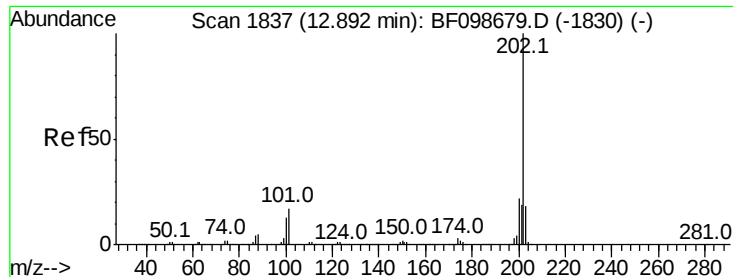
Acq: 22 Sep 2017 12:34

Tgt Ion:	240	Resp:	335561
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	25.6	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: 2.007 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF098694.D

Acq: 22 Sep 2017 12:34

Instrument :

BNA_F

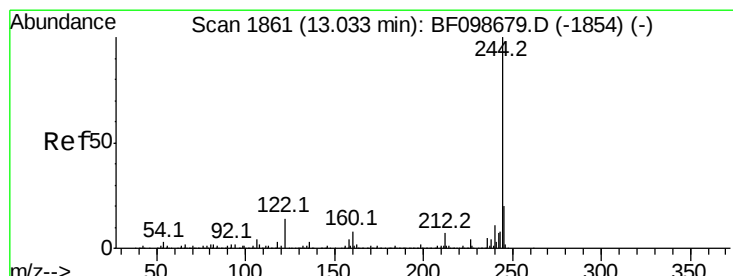
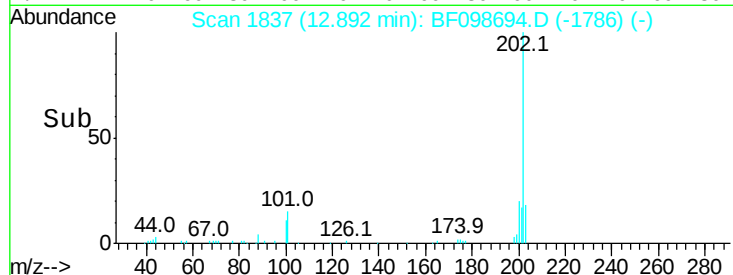
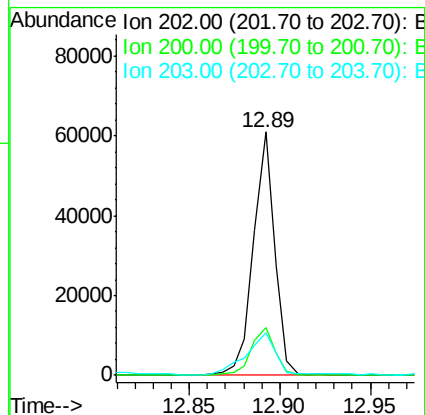
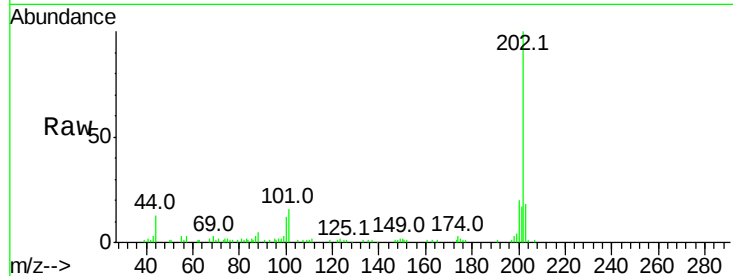
ClientSampleId :

TP-1-4-COMP

Tot Ion:	202	Resp:	49992
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.4	26.2
203	17.7	14.3	21.5

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:04 PM



#78

Terphenyl-d14

Concen: 65.348 ng

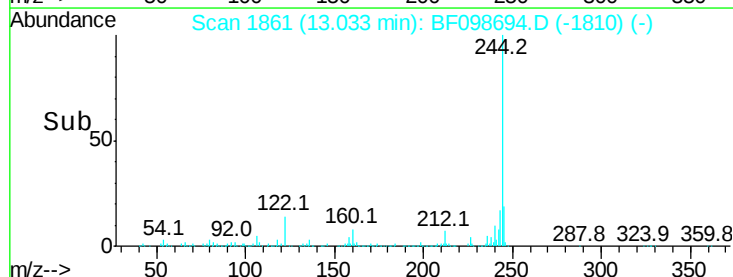
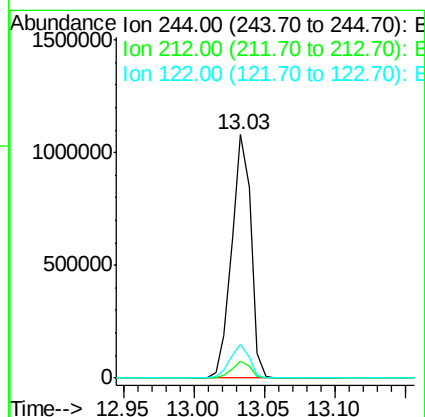
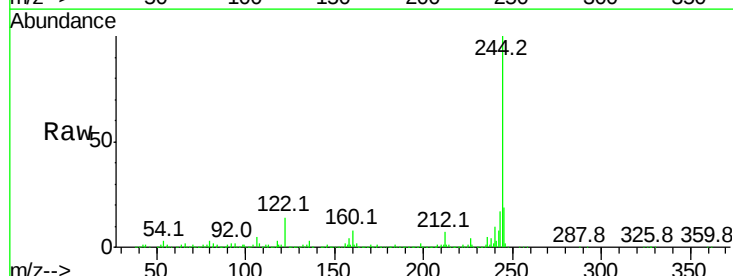
RT: 13.03 min Scan# 1861

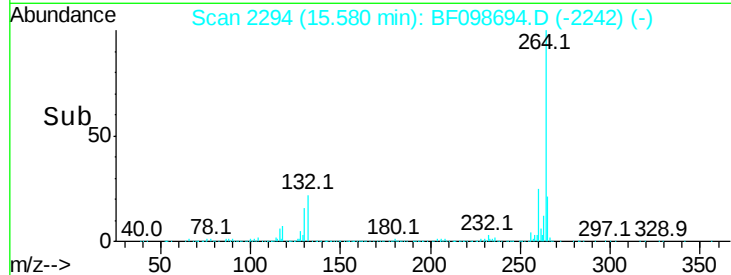
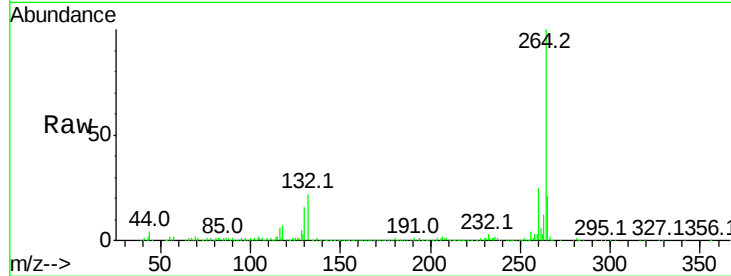
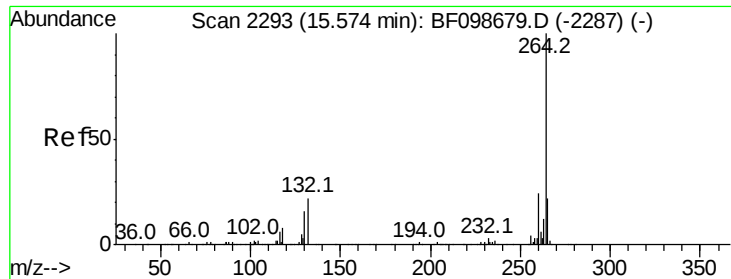
Delta R.T. 0.00 min

Lab File: BF098694.D

Acq: 22 Sep 2017 12:34

Tgt Ion:	244	Resp:	1021231
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	14.1	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: BF098694.D
Acq: 22 Sep 2017 12:34

Instrument :
BNA_F
ClientSampleId :
TP-1-4-COMP

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:04 PM

