

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098013.D
 Acq On : 24 Aug 2017 20:30
 Operator : SJ/JU
 Sample : I4925-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-7

Manual Integrations
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Sohil
 8/25/2017 5:40:13 PM

Quant Time: Aug 25 02:16:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	124374	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	486841	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	204702	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	387414	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	281009	20.00	ng	-0.02
86) Perylene-d12	15.30	264	253723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1053447	128.83	ng	0.00
7) Phenol-d6	6.37	99	1462055	131.60	ng	-0.01
23) Nitrobenzene-d5	7.30	82	806325	89.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	230504	129.78	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	832240	59.73	ng	-0.01
78) Terphenyl-d14	12.84	244	591792	43.92	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	40032	3.081	ng	93
49) Dimethylphthalate	9.49	163	235359	15.729	ng	99
74) Fluoranthene	12.46	202	61109	2.836	ng	98
77) Pyrene	12.69	202	53472	2.327	ng	99
87) Benzo(b)fluoranthene	14.89	252	34556m	2.161	ng	

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

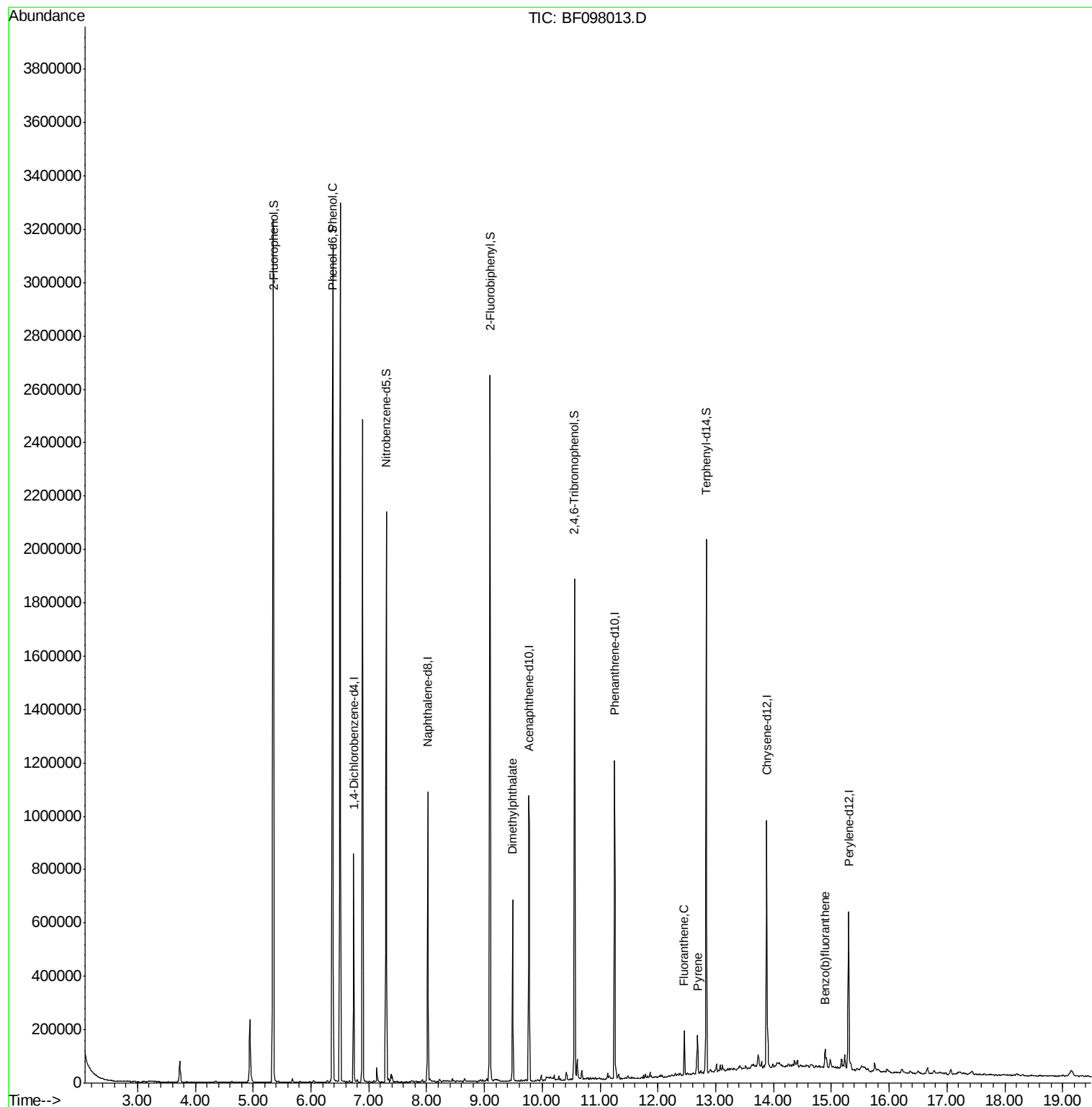
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098013.D
Acq On : 24 Aug 2017 20:30
Operator : SJ/JU
Sample : I4925-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

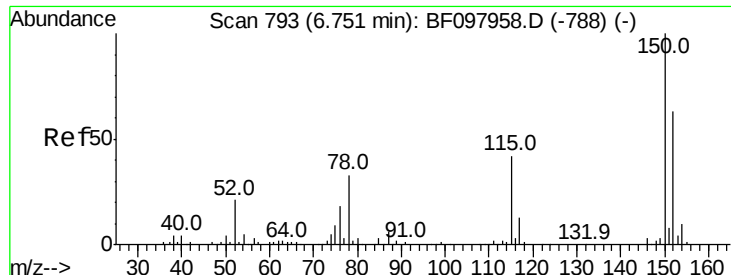
Instrument :
BNA_F
ClientSampleId :
RWB-7

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Quant Time: Aug 25 02:16:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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Response via : Initial Calibration





#1

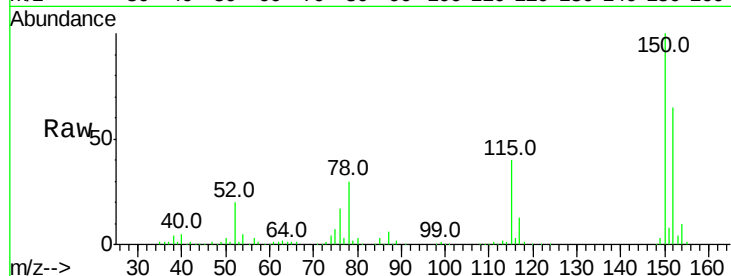
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Instrument :
BNA_F
ClientSampleId :
RWB-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	61.4	52.2	78.2

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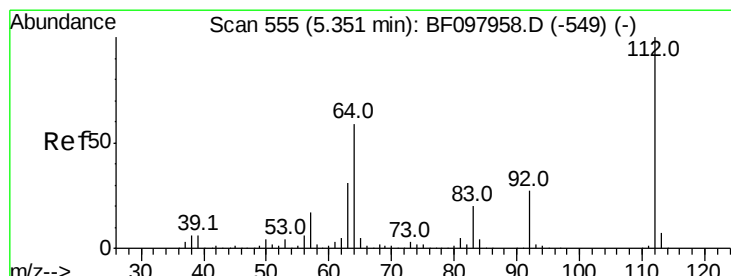
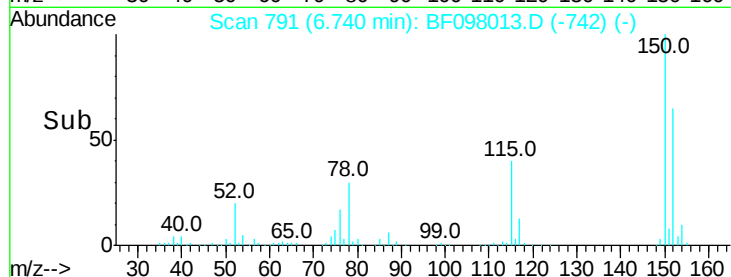
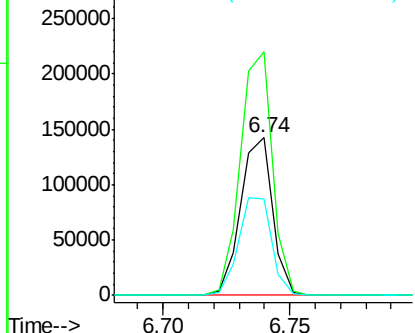


Abundance

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: 128.835 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

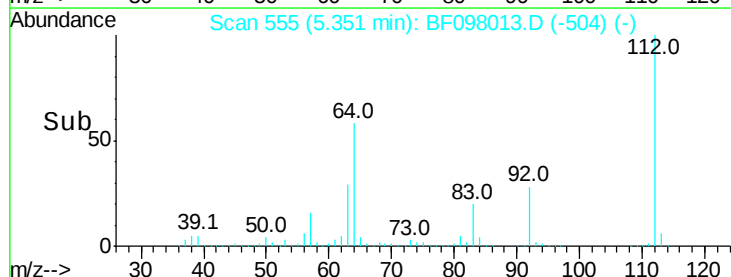
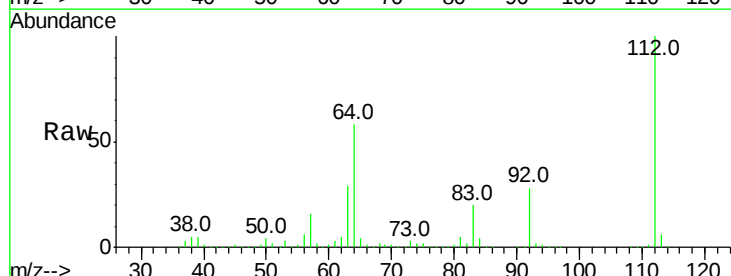
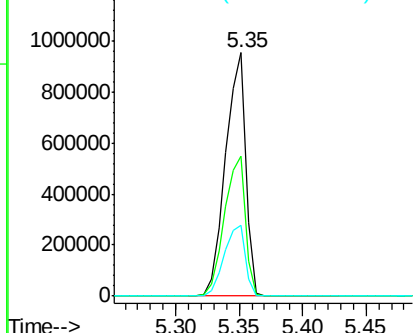
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	29.3	23.4	35.0

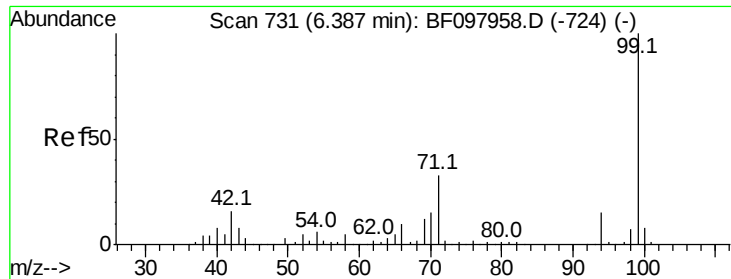
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.600 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098013.D

Acq: 24 Aug 2017 20:30

Instrument :

BNA_F

ClientSampleId :

RWB-7

Tot Ion: 99 Resp: 1462055

Ion Ratio Lower Upper

99 100

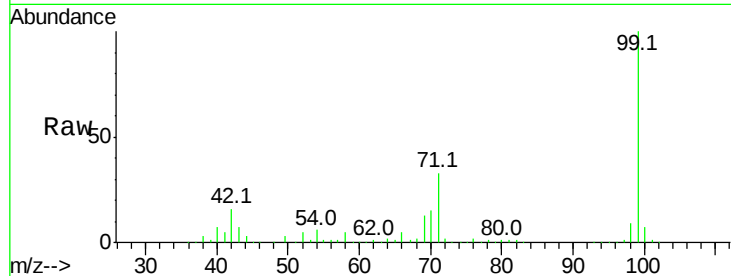
42 15.8 13.5 20.3

71 33.4 24.5 36.7

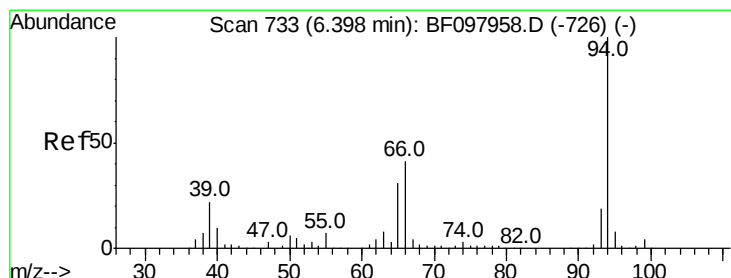
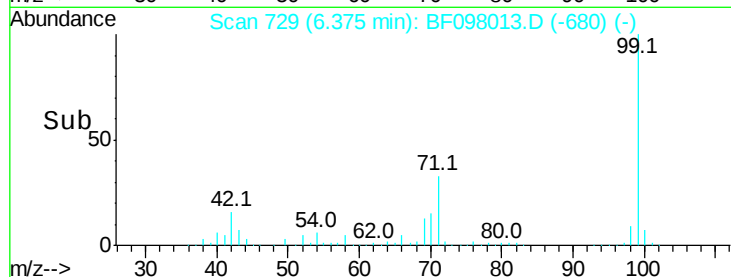
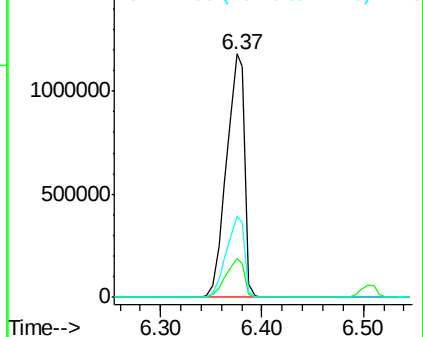
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.081 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098013.D

Acq: 24 Aug 2017 20:30

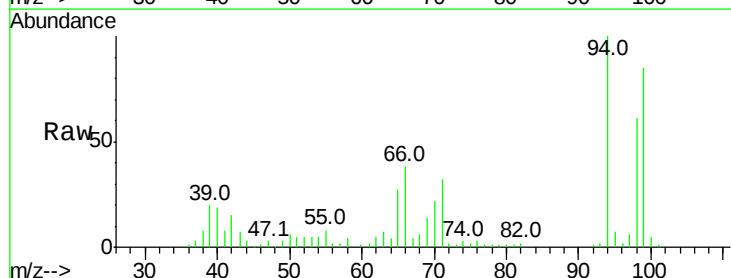
Tgt Ion: 94 Resp: 40032

Ion Ratio Lower Upper

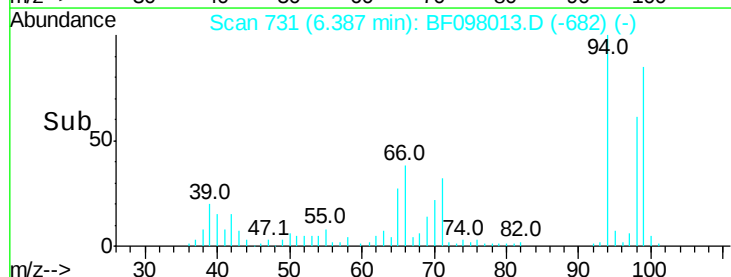
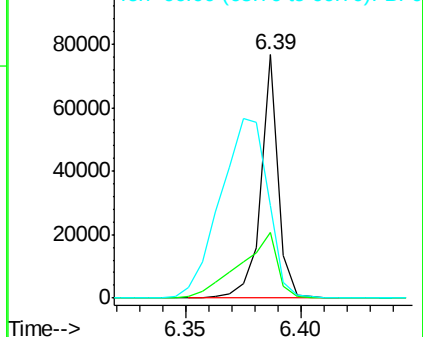
94 100

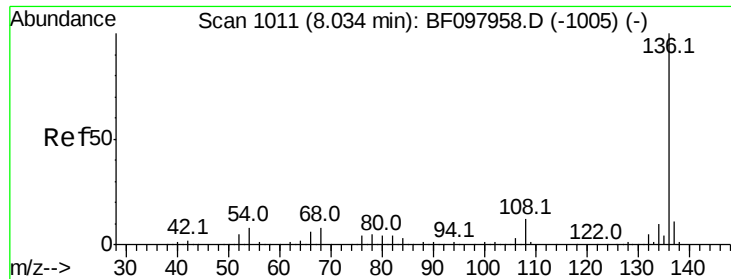
65 27.0 9.9 49.9

66 38.0 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





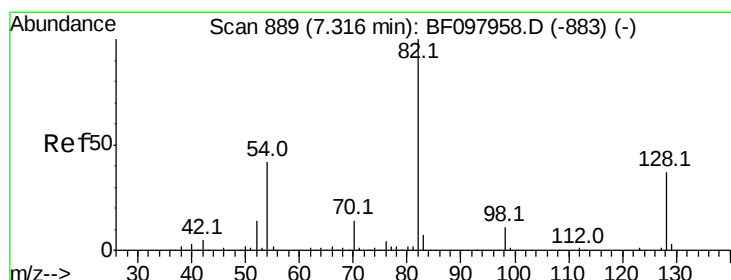
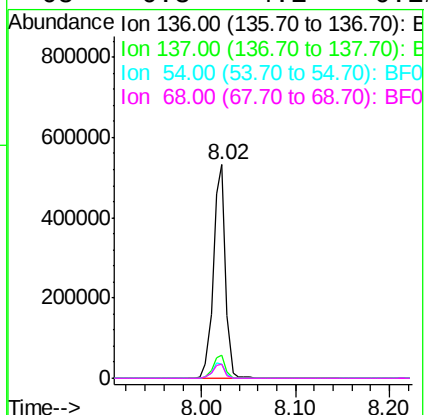
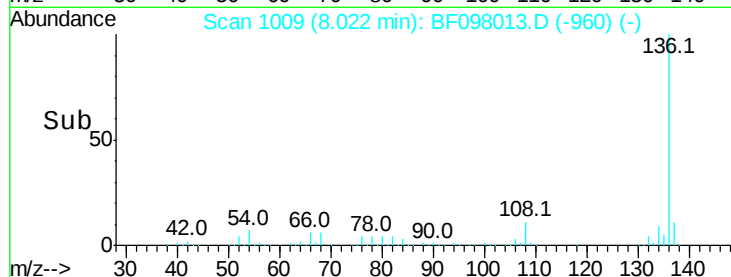
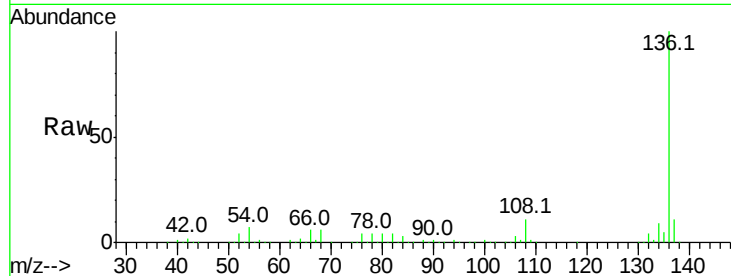
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Instrument :
BNA_F
ClientSampleId :
RWB-7

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	6.7	4.9	7.3	
68	6.3	4.1	6.1	

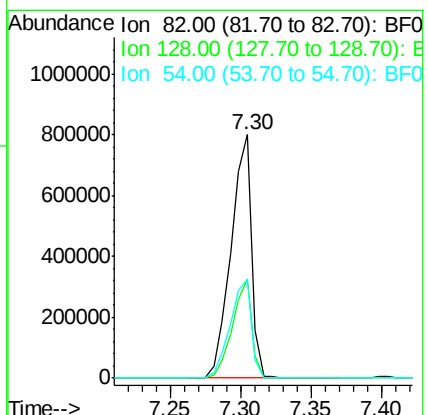
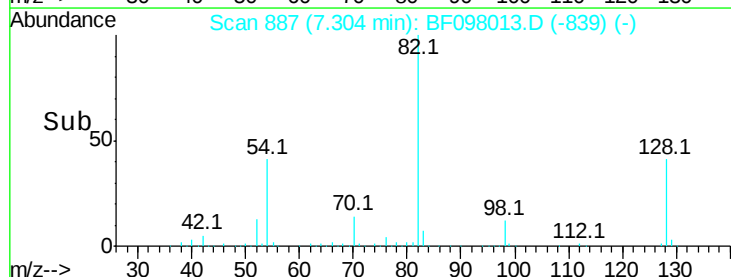
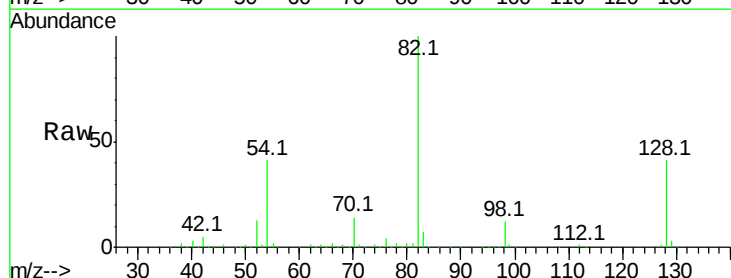
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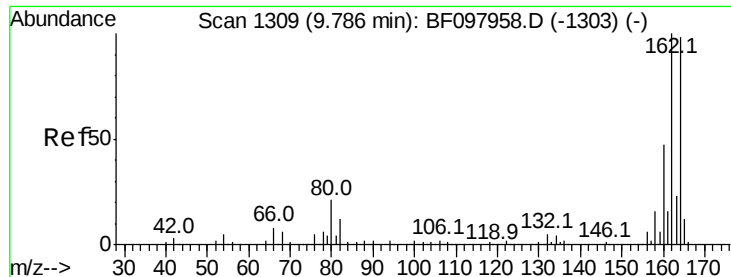
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#23
Nitrobenzene-d5
Concen: 89.975 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.6	34.0	51.0	
54	40.8	42.2	63.2	





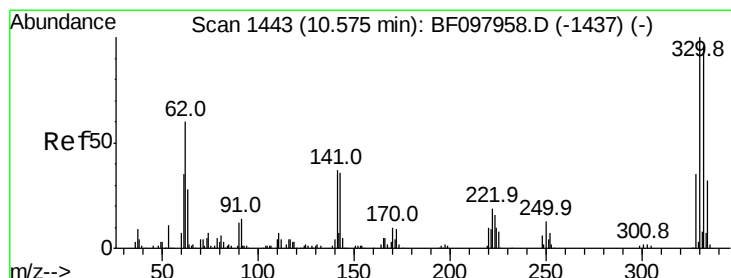
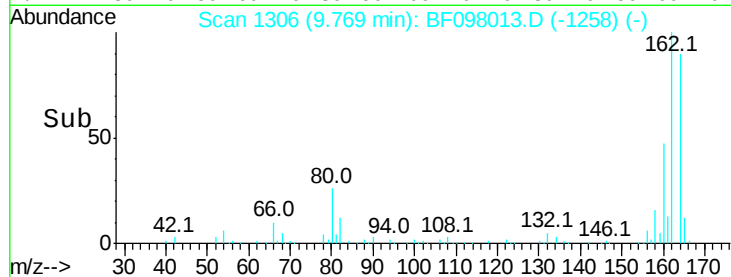
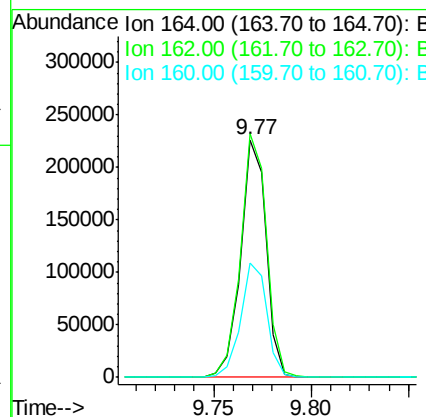
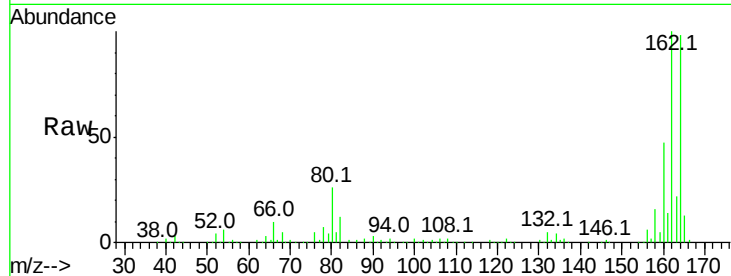
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Instrument :
BNA_F
ClientSampleId :
RWB-7

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	48.0	36.2	54.2

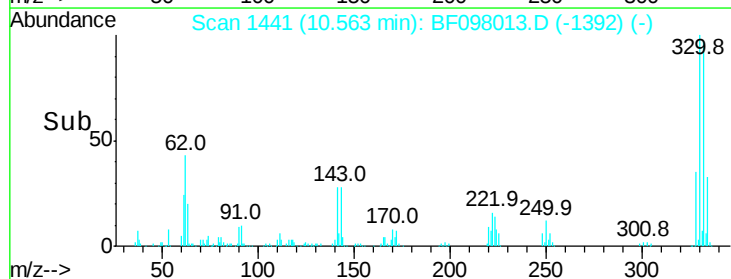
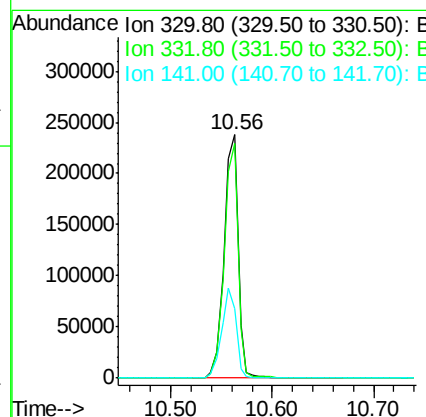
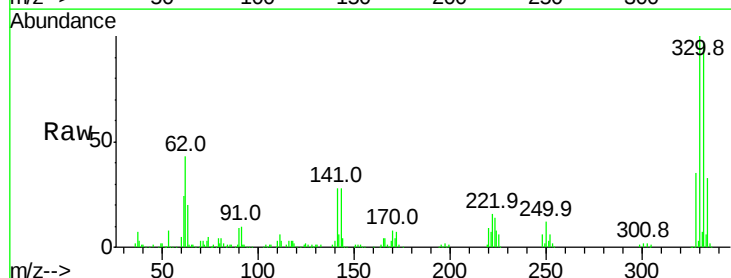
Manual Integrations
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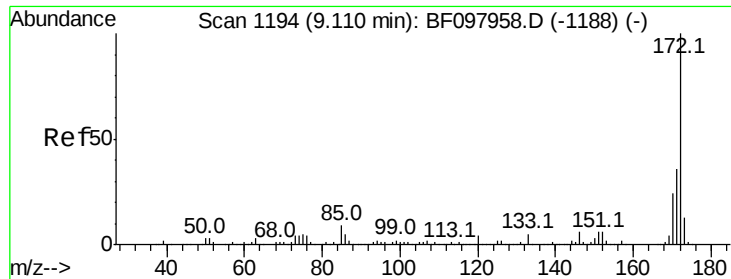
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#41
2,4,6-Tribromophenol
Concen: 129.779 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	37.9	31.4	47.2





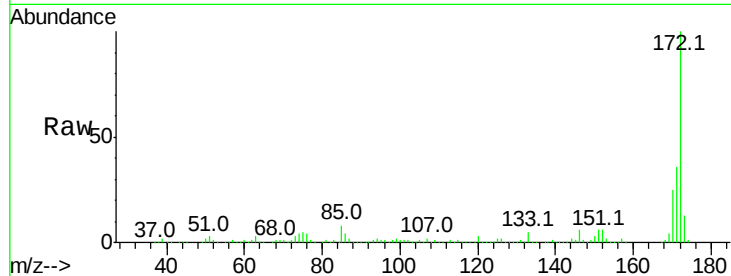
#44
2-Fluorobiphenyl
Concen: 59.732 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Instrument :
BNA_F
ClientSampleId :
RWB-7

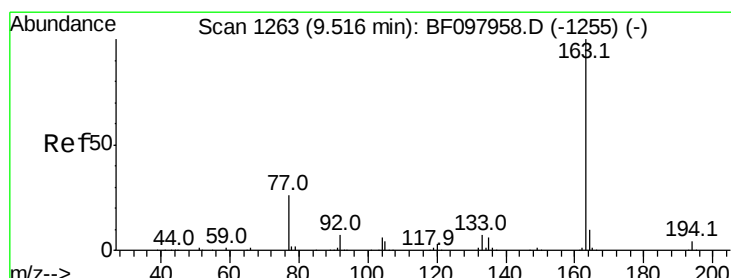
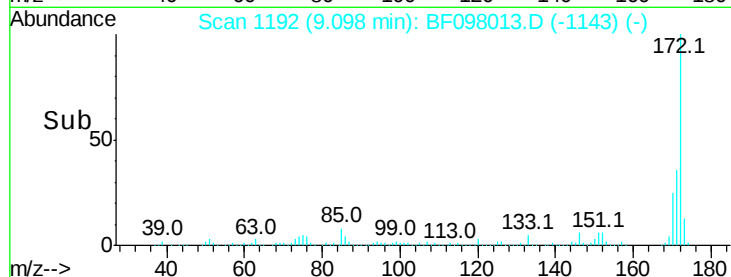
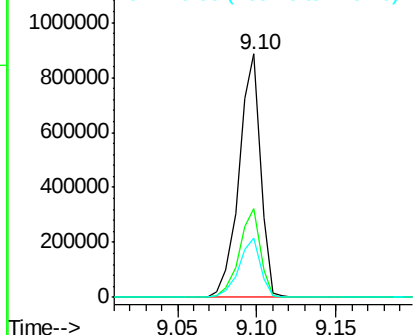
Tot Ion:	172	Resp:	832240
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	24.6	19.8	29.8

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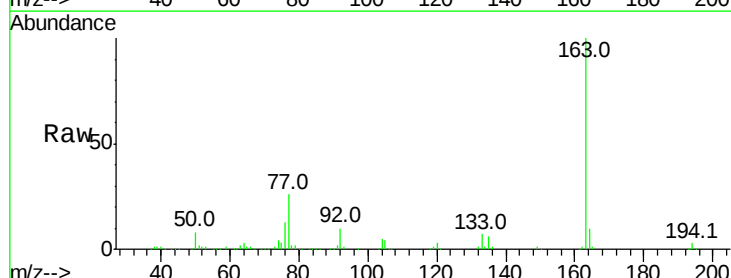


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

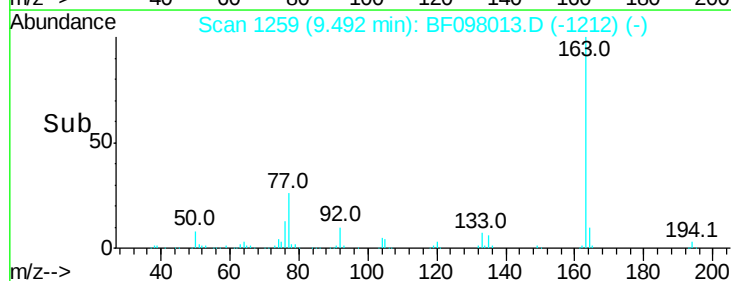
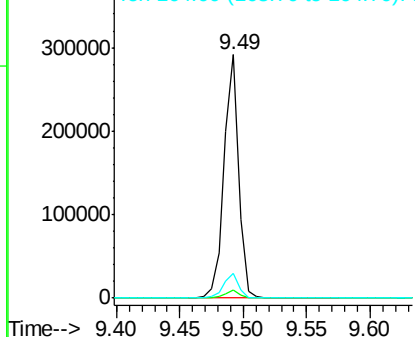


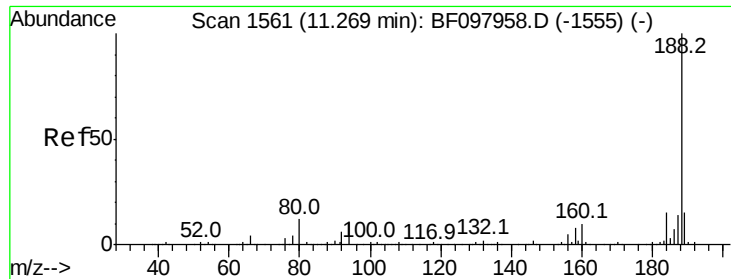
#49
Dimethylphthalate
Concen: 15.729 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Tgt Ion:	163	Resp:	235359
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.2	8.4	12.6



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





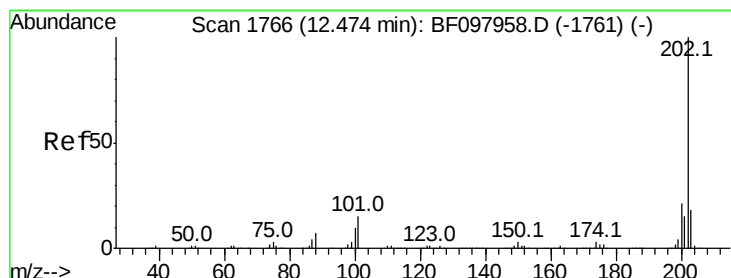
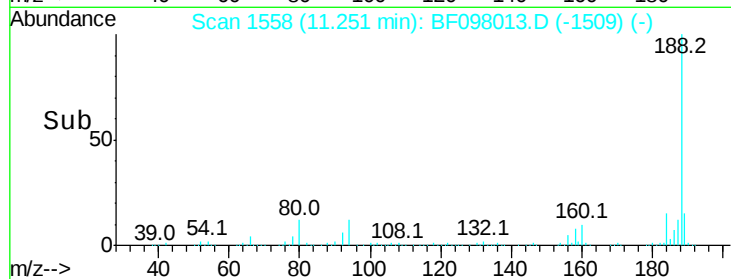
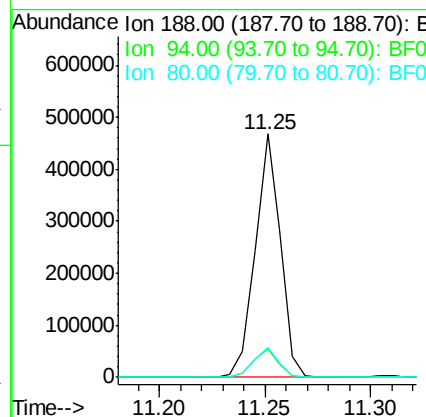
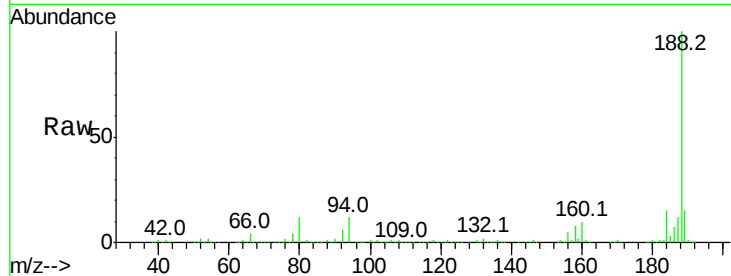
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Instrument :
BNA_F
ClientSampleId :
RWB-7

Tot Ion	Ratio	Resp	Lower	Upper
188	100	387414		
94	11.7	9.4	14.2	
80	12.4	10.2	15.2	

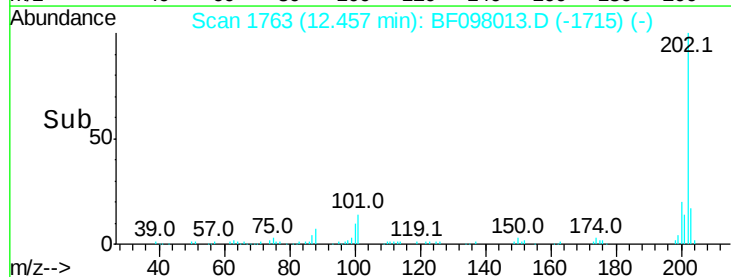
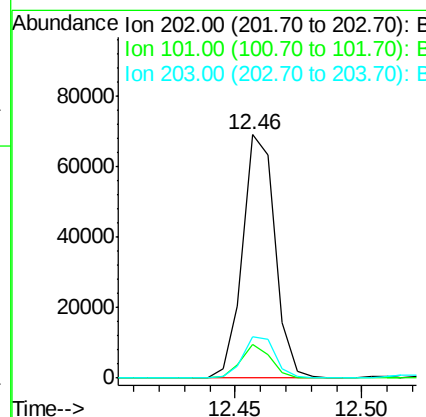
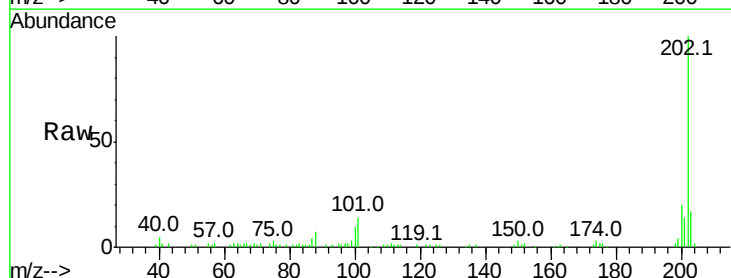
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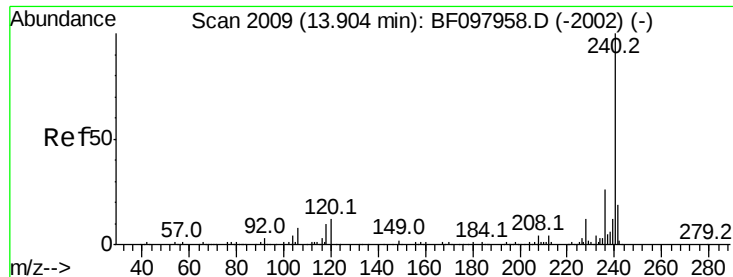
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#74
Fluoranthene
Concen: 2.836 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	61109		
101	14.1	0.0	33.2	
203	17.0	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098013.D

Acq: 24 Aug 2017 20:30

Instrument :

BNA_F

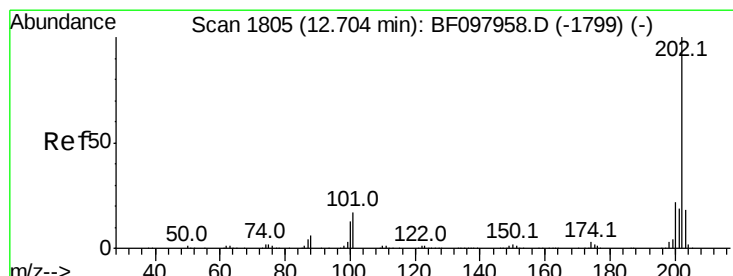
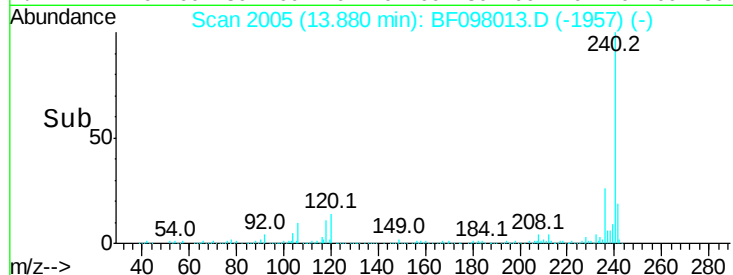
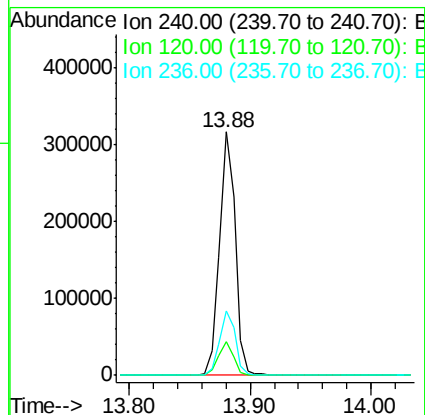
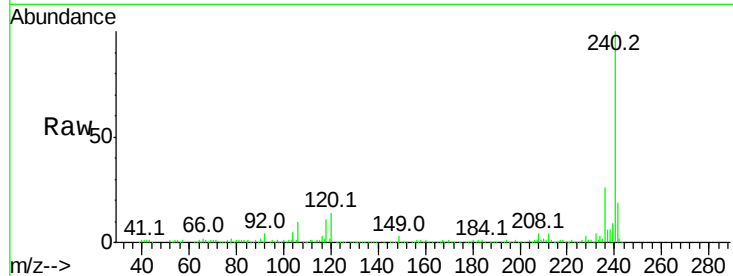
ClientSampleId :

RWB-7

Tot Ion	Ratio	Resp	Lower	Upper
240	100	281009		
120	13.6	5.8	8.8#	
236	26.5	20.5	30.7	

Manual Integrations
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#77

Pyrene

Concen: 2.327 ng

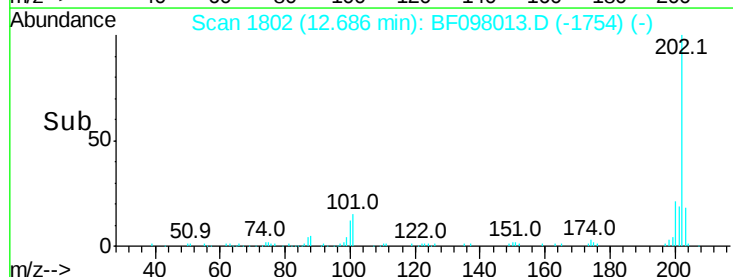
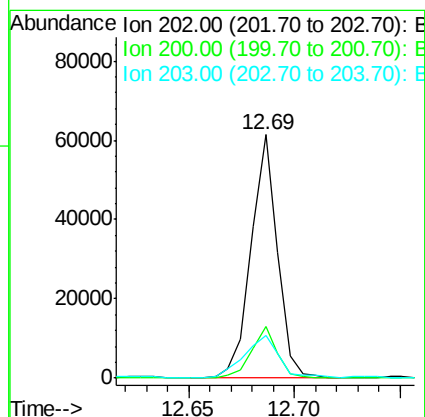
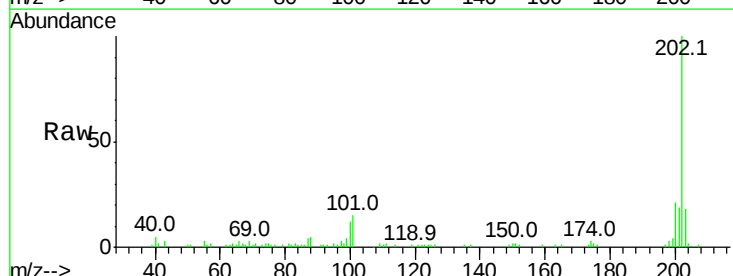
RT: 12.69 min Scan# 1802

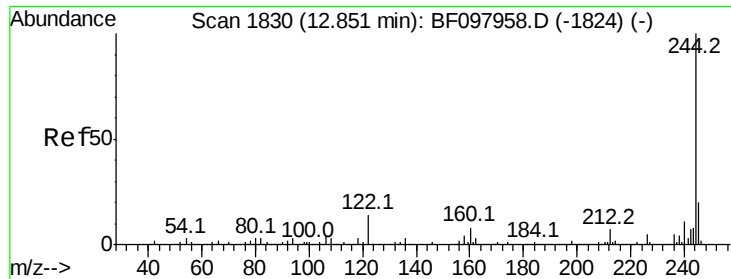
Delta R.T. -0.02 min

Lab File: BF098013.D

Acq: 24 Aug 2017 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	53472		
200	21.1	17.6	26.4	
203	17.7	14.4	21.6	





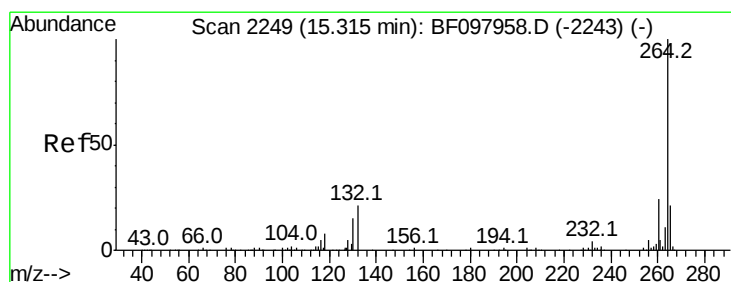
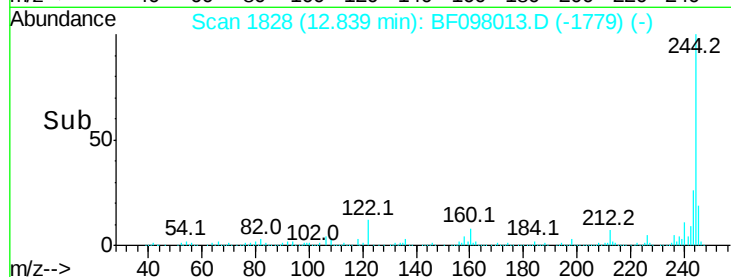
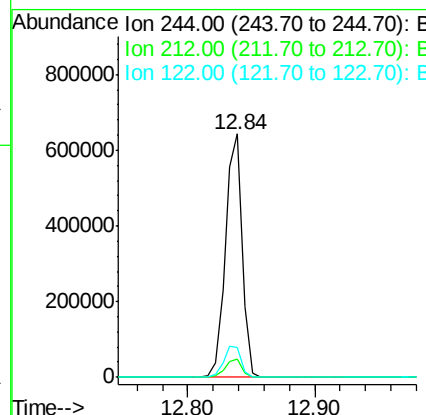
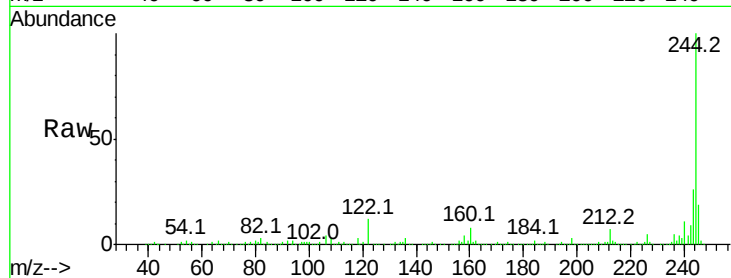
#78
 Terphenyl-d14
 Concen: 43.916 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

Instrument :
 BNA_F
 ClientSampled :
 RWB-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.3	10.3	15.5

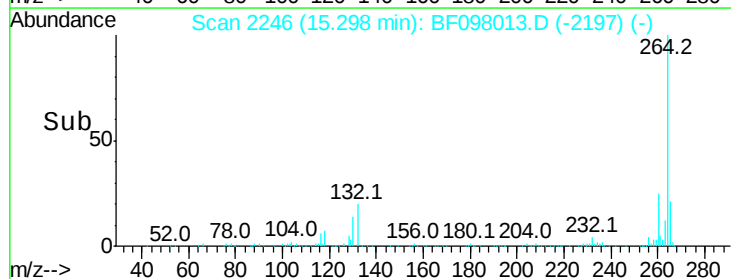
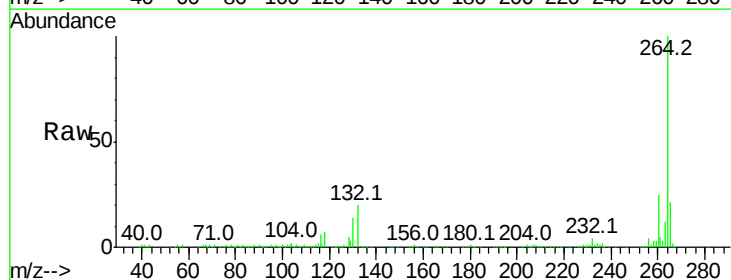
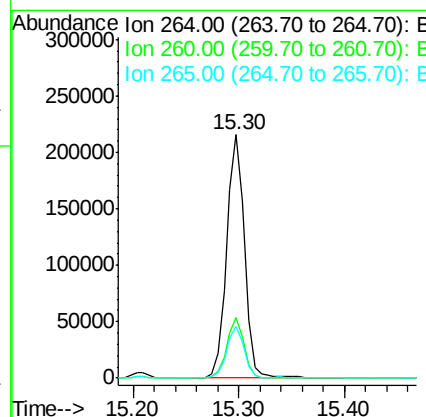
Manual Integrations
 APPROVED

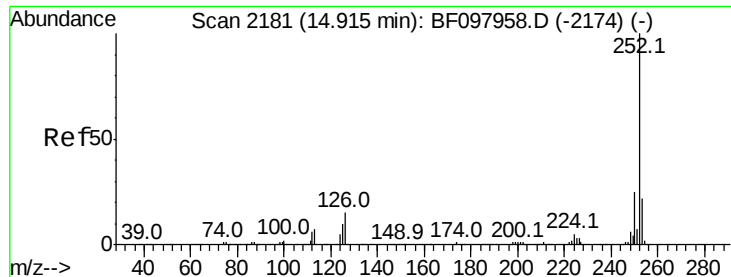
Sohil
 8/25/2017 5:40:13 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.161 ng m

RT: 14.89 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF098013.D

Acq: 24 Aug 2017 20:30

Instrument :

BNA_F

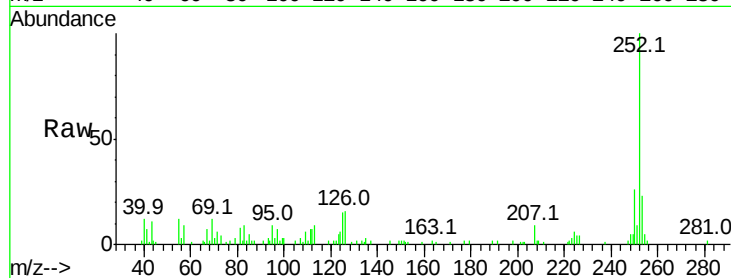
ClientSampleId :

RWB-7

Tot Ion:	252	Resp:	34556
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	15.4	9.8	14.8#

Manual Integrations
APPROVED

Sohil
8/25/2017 5:40:13 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

