

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098014.D
 Acq On : 24 Aug 2017 20:58
 Operator : SJ/JU
 Sample : I4925-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-8

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:40:15 PM

Quant Time: Aug 25 02:19:31 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	116251	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	455249	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	195143	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	375527	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	277064	20.00	ng	-0.02
86) Perylene-d12	15.30	264	236757	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1144689	149.78	ng	0.00
7) Phenol-d6	6.38	99	1547043	148.98	ng	0.00
23) Nitrobenzene-d5	7.30	82	886987	105.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	265864	157.02	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1060683	79.86	ng	-0.01
78) Terphenyl-d14	12.84	244	855007	64.35	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	37041	3.050	ng	98
49) Dimethylphthalate	9.49	163	227927	15.979	ng	98
74) Fluoranthene	12.46	202	66833	3.200	ng	99
77) Pyrene	12.69	202	67752	2.990	ng	97
87) Benzo(b)fluoranthene	14.89	252	35903m	2.406	ng	

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

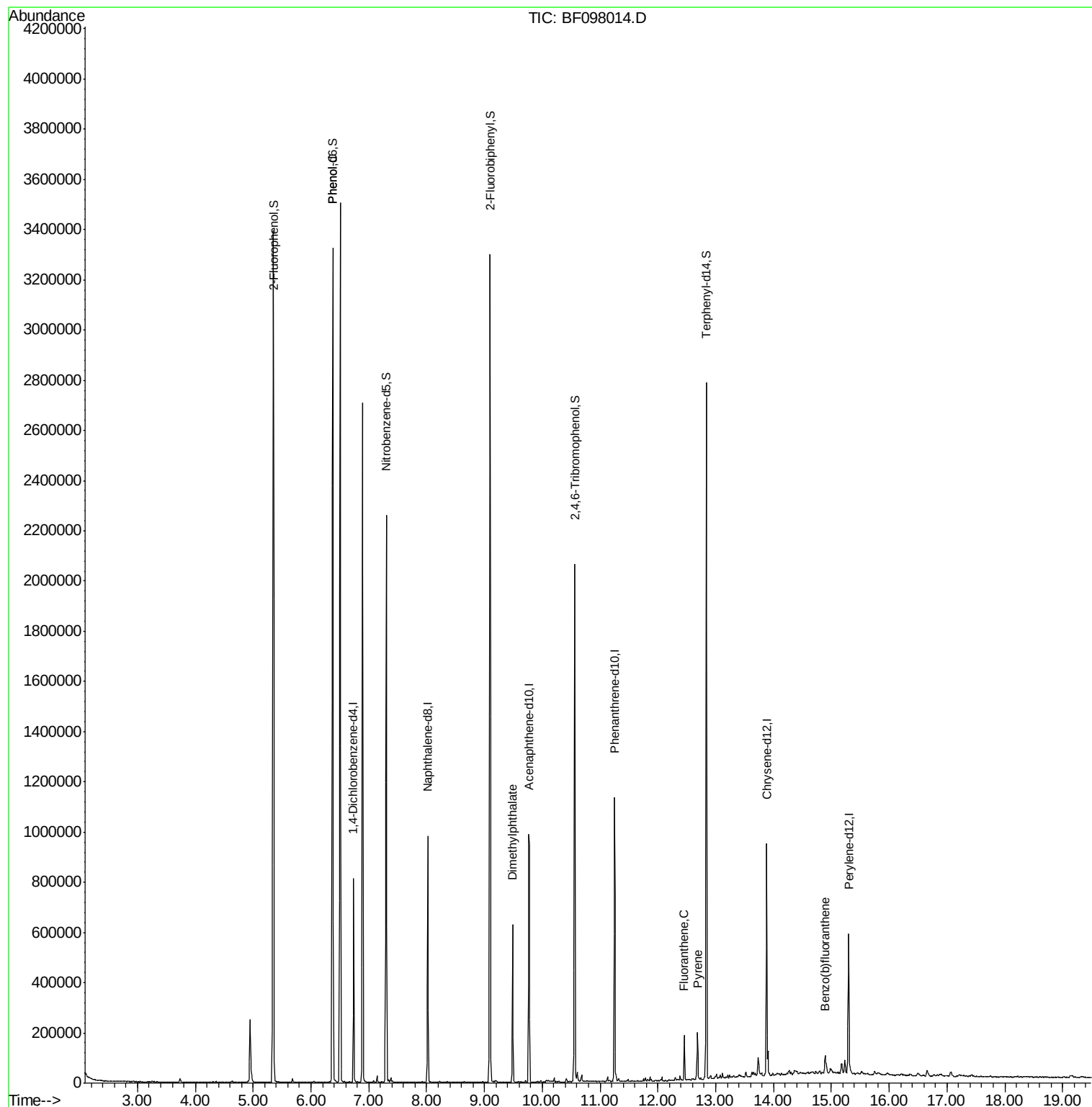
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098014.D
Acq On : 24 Aug 2017 20:58
Operator : SJ/JU
Sample : I4925-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

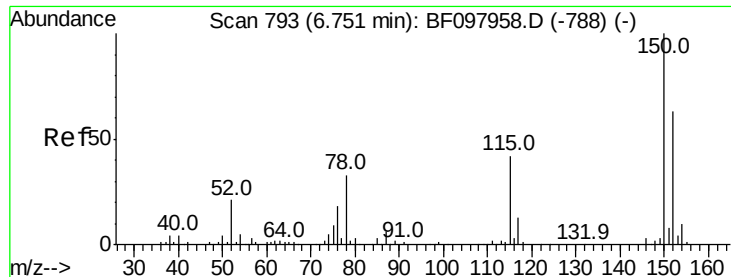
Instrument :
BNA_F
ClientSampleId :
RWB-8

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8/25/2017 5:40:15 PM

Quant Time: Aug 25 02:19:31 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





#1

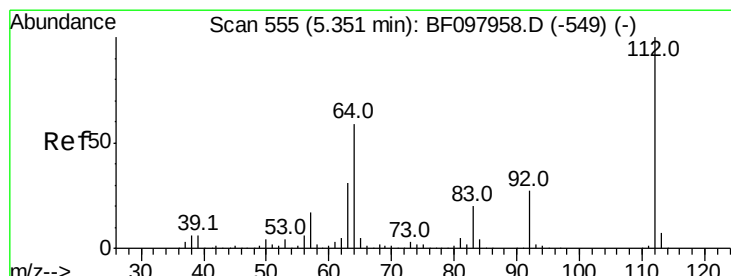
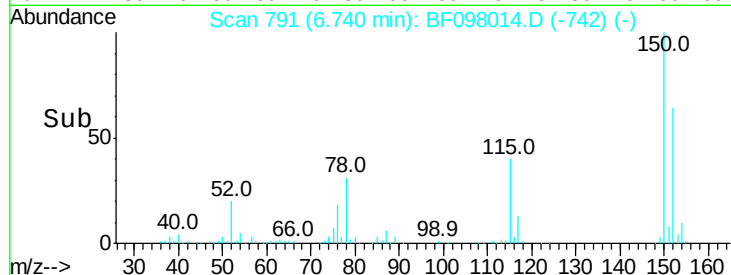
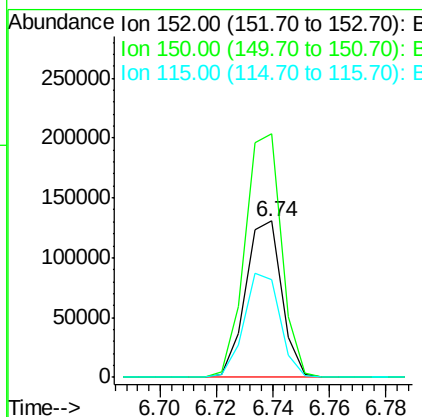
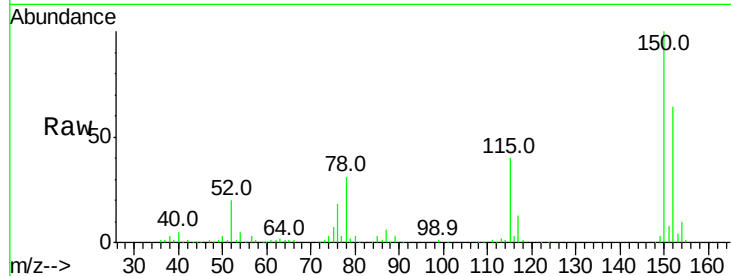
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Instrument :
BNA_F
ClientSampled :
RWB-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	62.3	52.2	78.2

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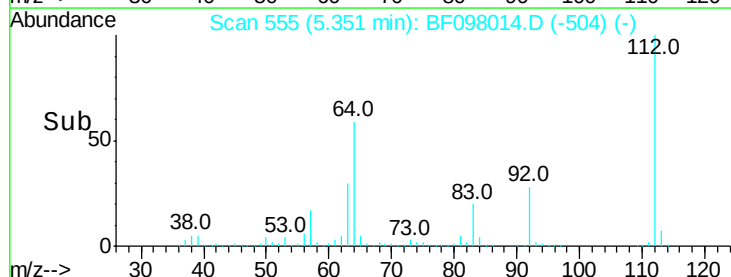
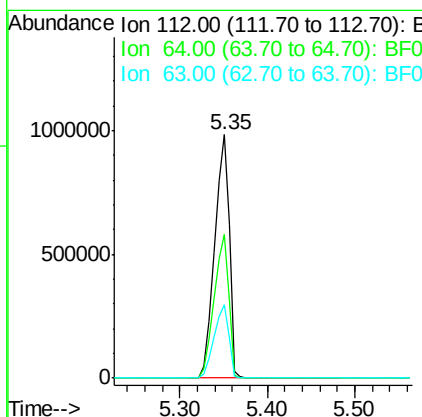
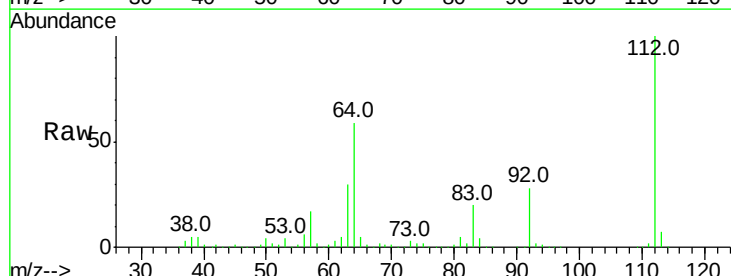
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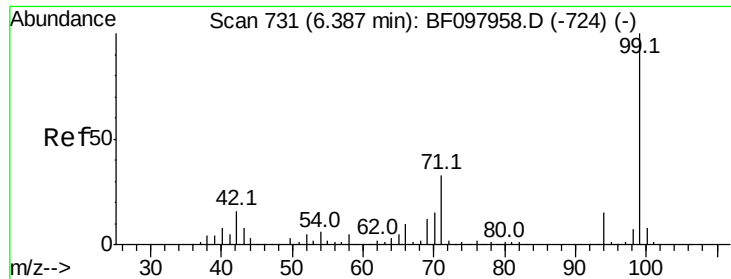


#5

2-Fluorophenol
Concen: 149.776 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	29.9	23.4	35.0





#7

Phenol-d6

Concen: 148.980 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098014.D

Acq: 24 Aug 2017 20:58

Instrument :

BNA_F

ClientSampled :

RWB-8

Tot Ion: 99 Resp: 1547043

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

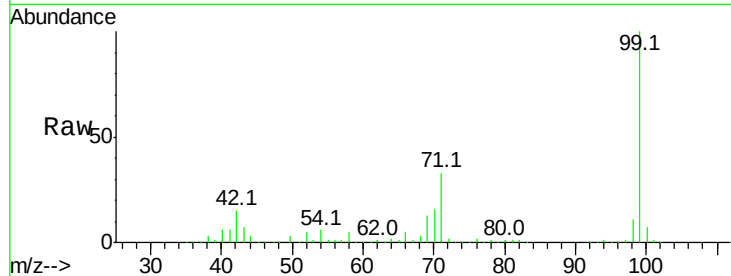
71 32.9 24.5 36.7

Manual Integrations

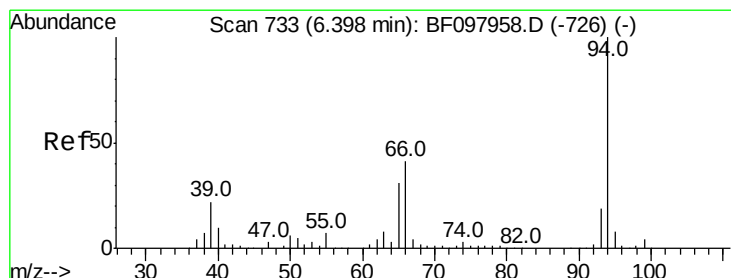
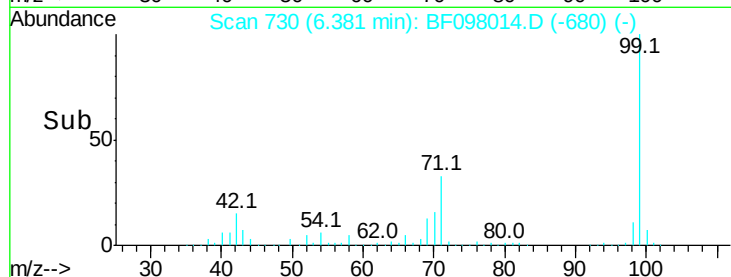
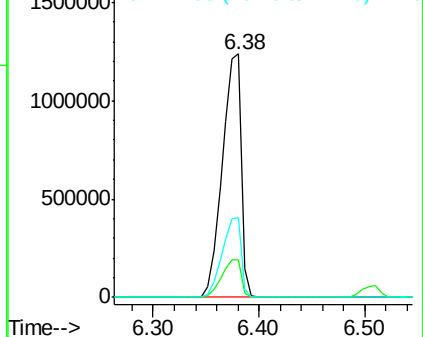
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.050 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098014.D

Acq: 24 Aug 2017 20:58

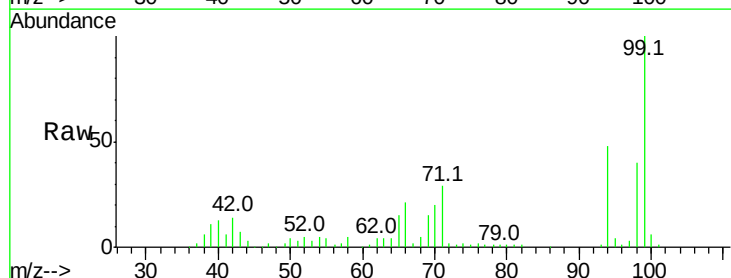
Tgt Ion: 94 Resp: 37041

Ion Ratio Lower Upper

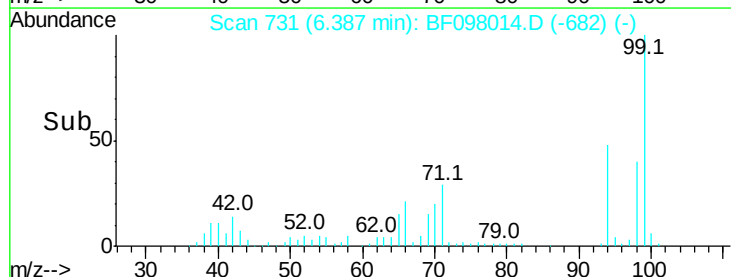
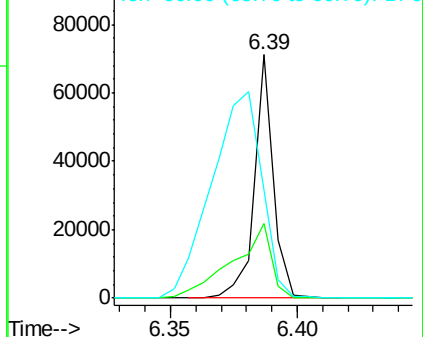
94 100

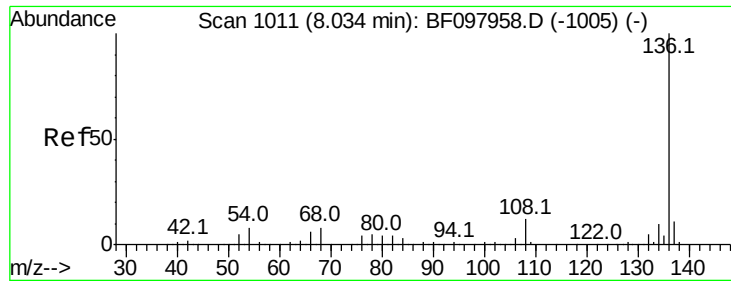
65 30.9 9.9 49.9

66 44.4 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





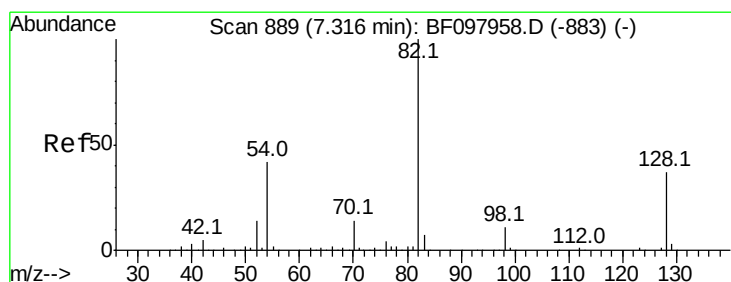
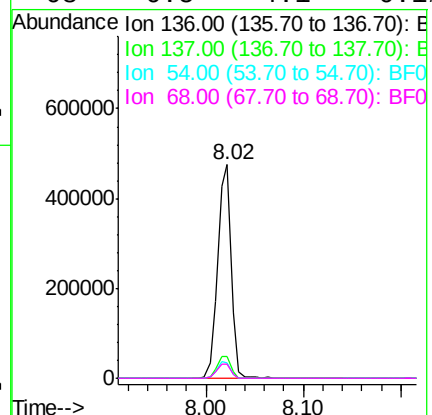
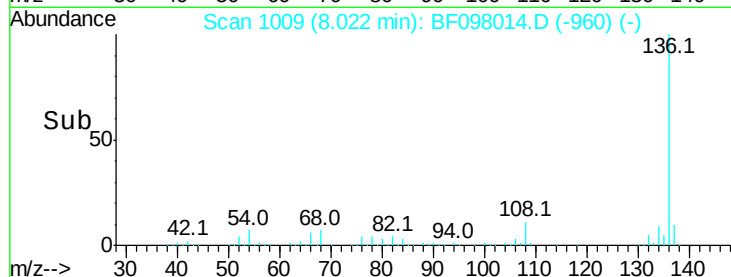
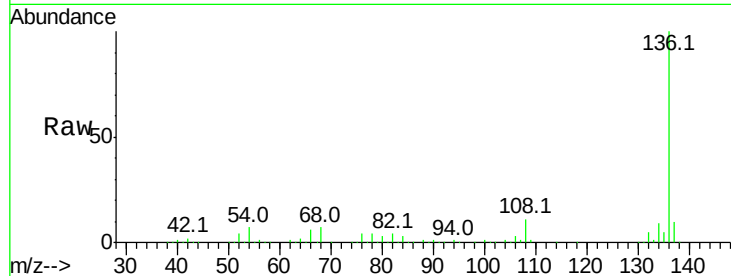
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Instrument :
BNA_F
ClientSampleId :
RWB-8

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.5	12.7	
54	7.0	4.9	7.3	
68	6.5	4.1	6.1	

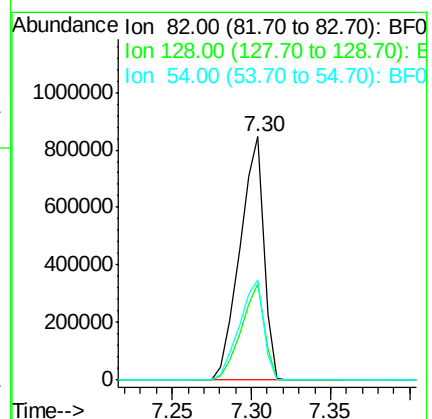
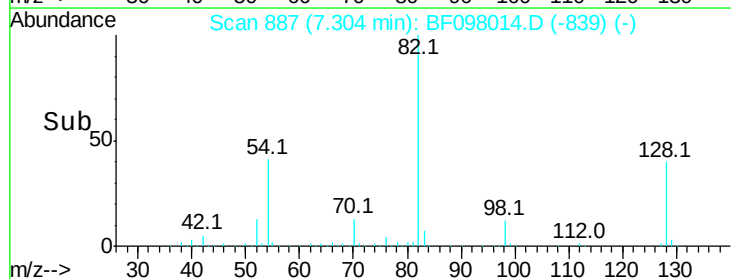
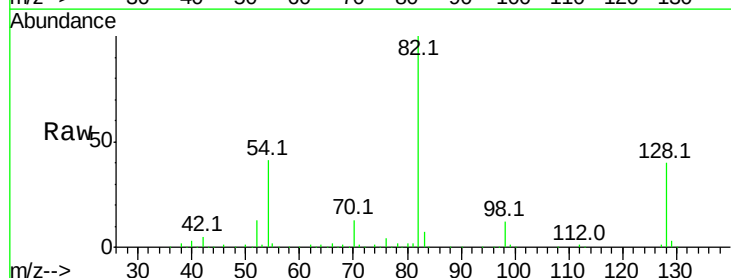
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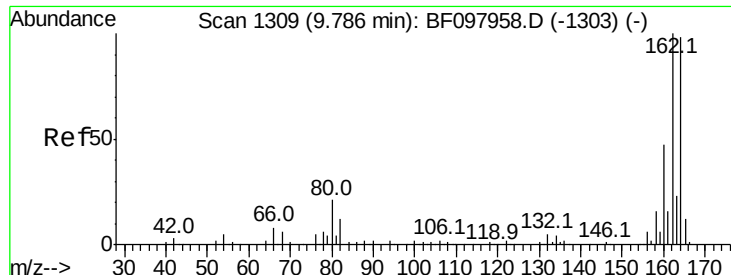
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#23
Nitrobenzene-d5
Concen: 105.844 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.7	34.0	51.0	
54	41.3	42.2	63.2	





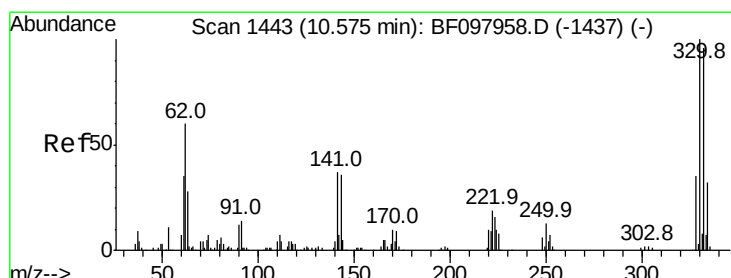
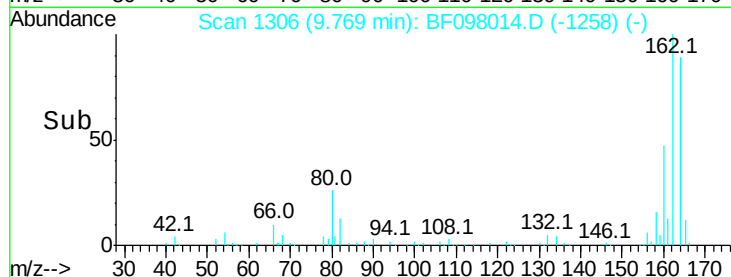
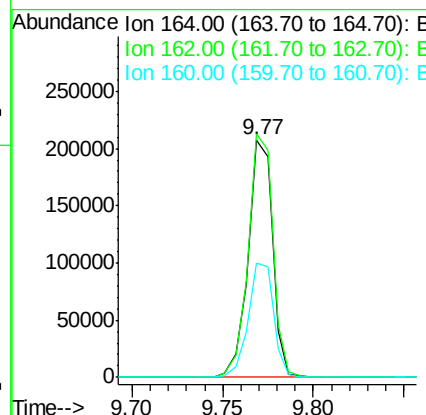
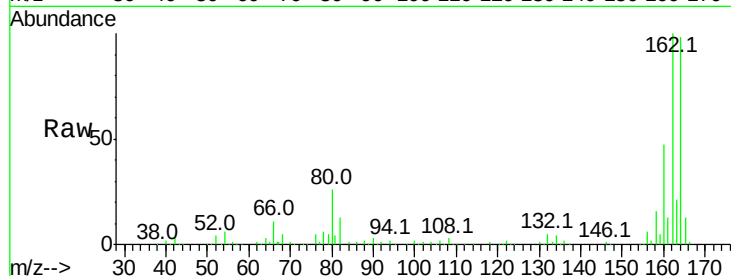
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Instrument :
 BNA_F
 ClientSampled :
 RWB-8

Tot Ion	Ratio	Resp	Lower	Upper
164	100	195143		
162	102.4	82.6	123.8	
160	48.0	36.2	54.2	

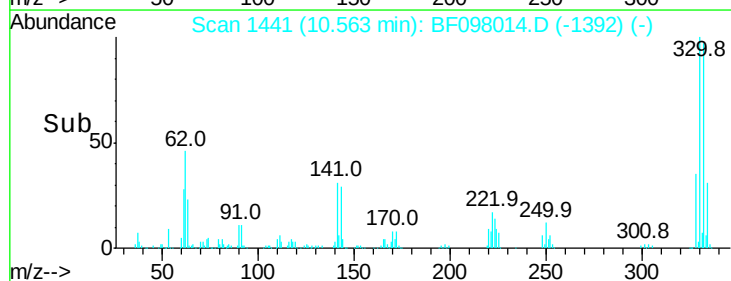
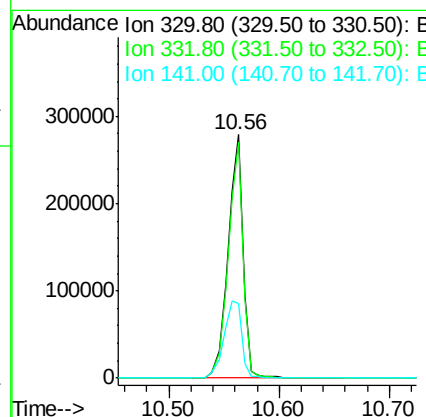
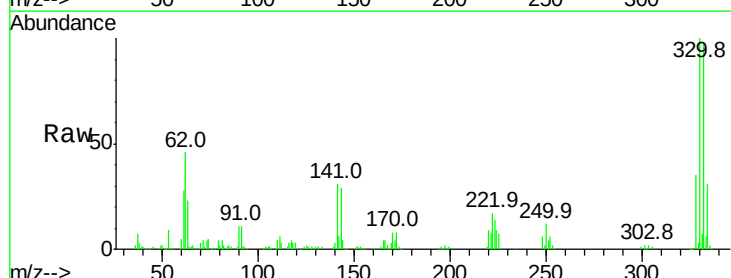
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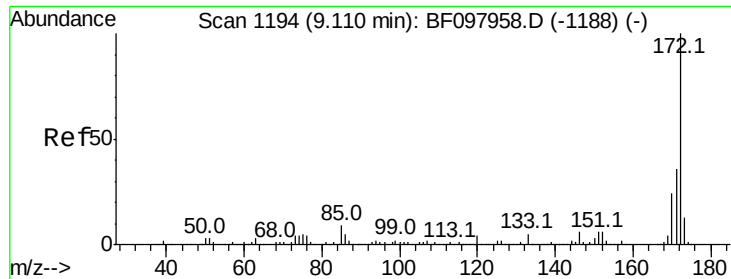
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#41
 2,4,6-Tribromophenol
 Concen: 157.020 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	265864		
332	95.5	76.6	115.0	
141	37.7	31.4	47.2	





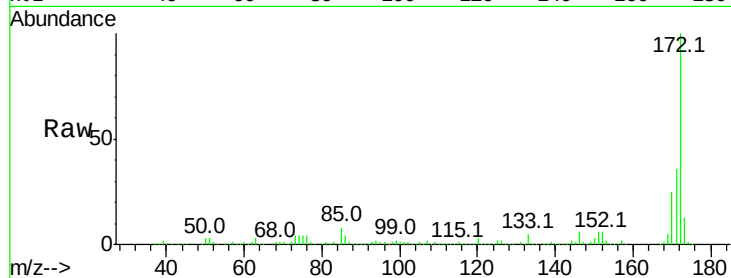
#44
2-Fluorobiphenyl
Concen: 79.857 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Instrument :
BNA_F
ClientSampled :
RWB-8

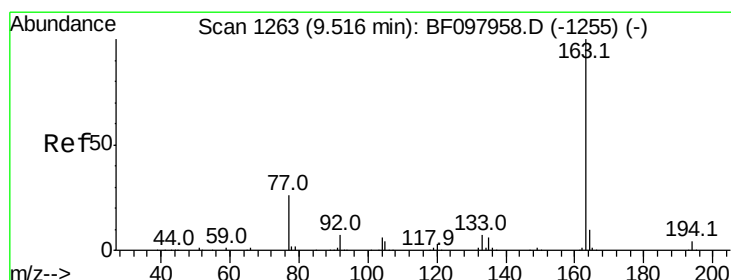
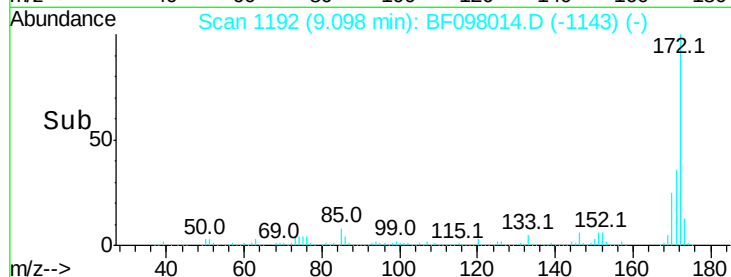
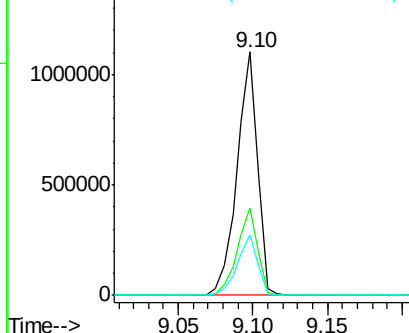
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.8	19.8	29.8

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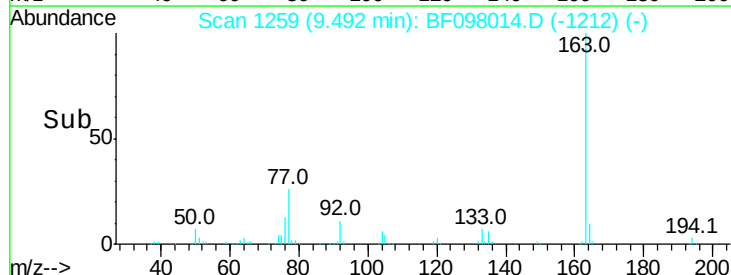
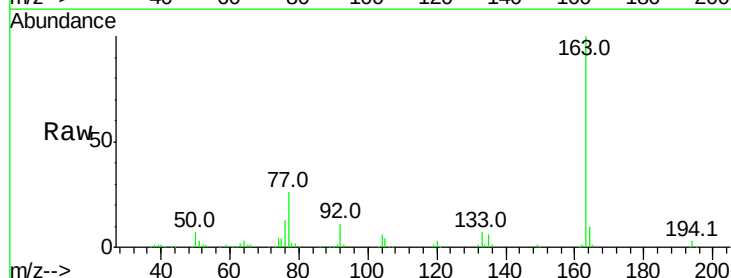
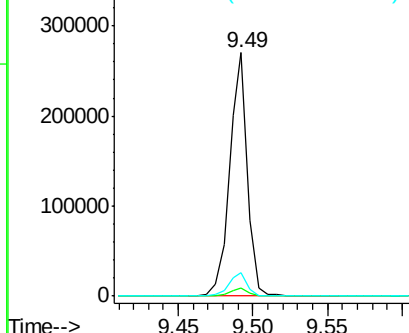
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

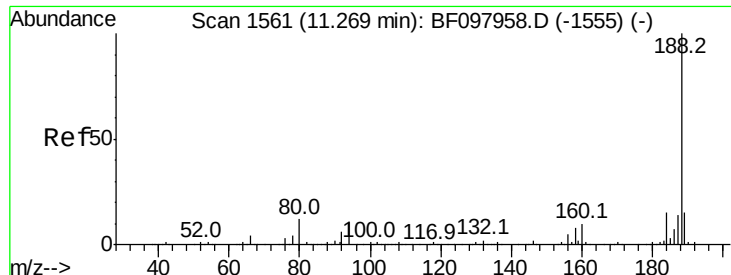


#49
Dimethylphthalate
Concen: 15.979 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098014.D
Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	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





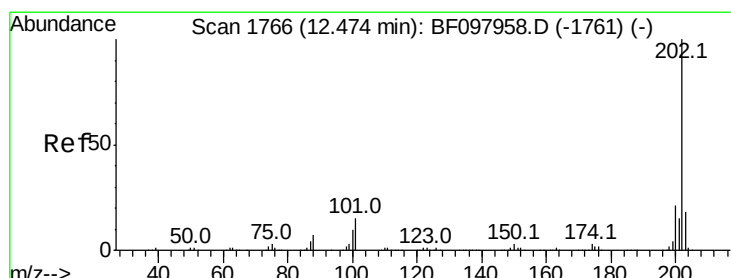
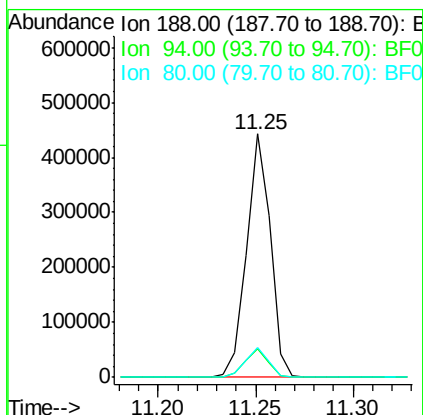
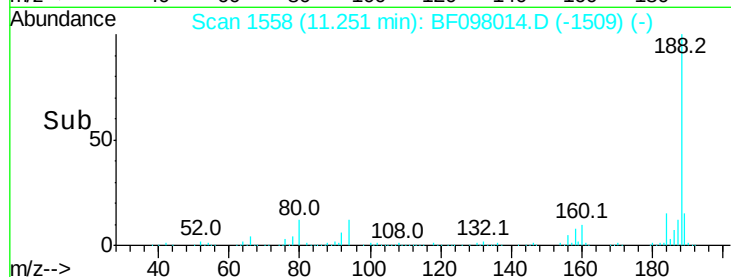
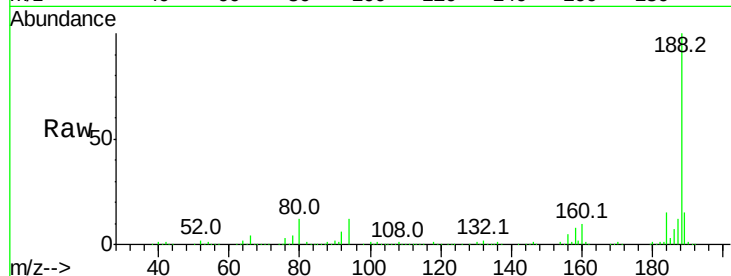
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Instrument :
 BNA_F
 ClientSampled :
 RWB-8

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

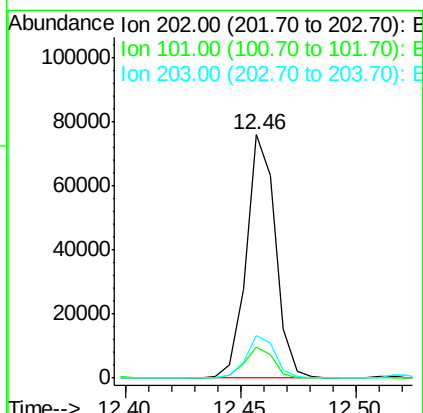
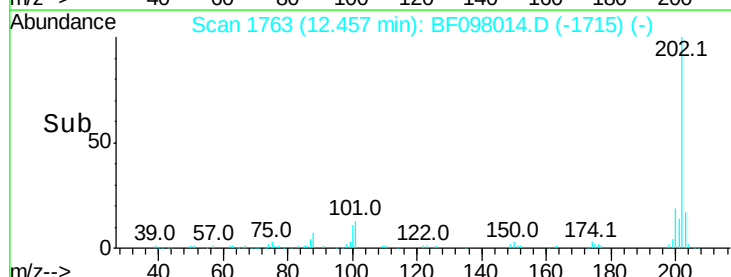
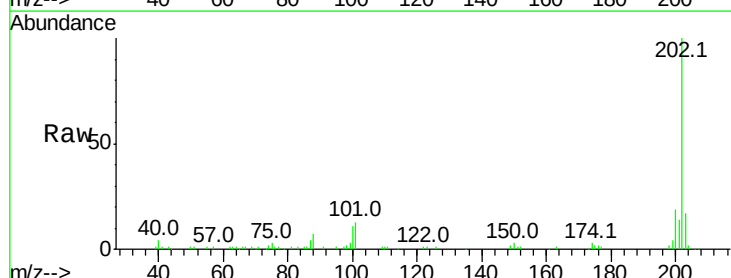
Manual Integrations
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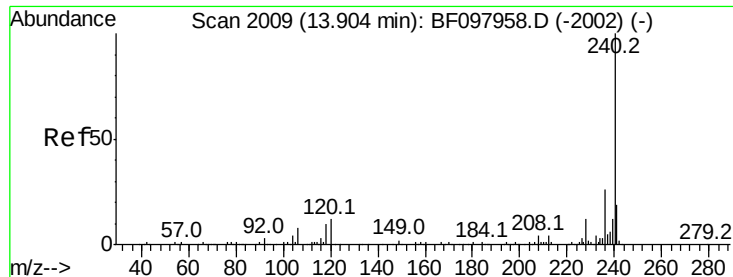
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#74
 Fluoranthene
 Concen: 3.200 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.9	0.0	33.2	
203	17.3	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: BF098014.D

Acq: 24 Aug 2017 20:58

Instrument :

BNA_F

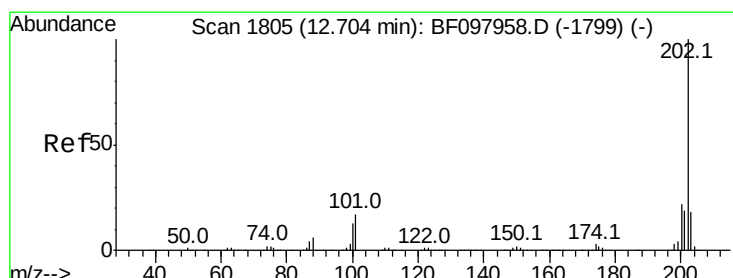
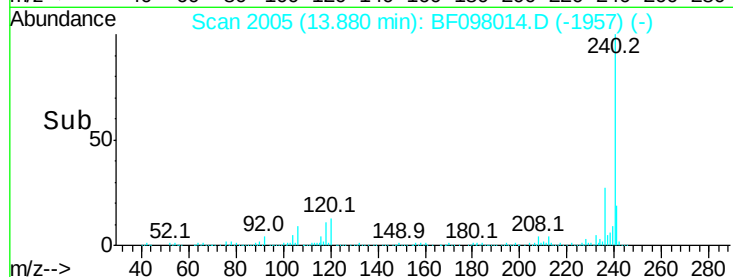
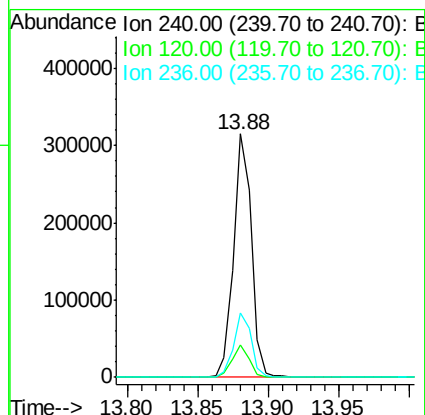
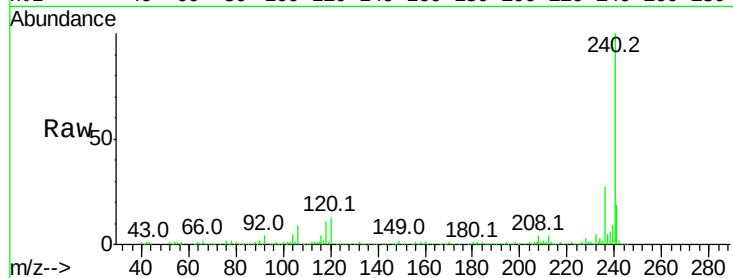
ClientSampled :

RWB-8

Tot Ion:	240	Resp:	277064
Ion Ratio	Lower	Upper	
240	100		
120	13.1	5.8	8.8#
236	26.5	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 2.990 ng

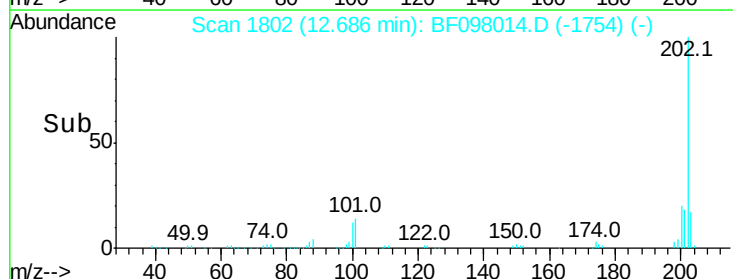
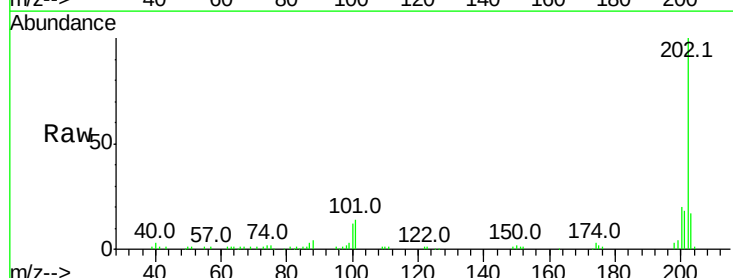
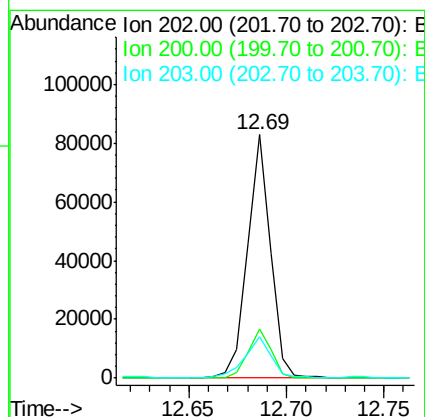
RT: 12.69 min Scan# 1802

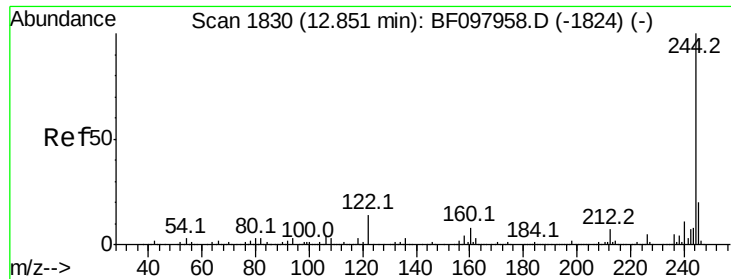
Delta R.T. -0.02 min

Lab File: BF098014.D

Acq: 24 Aug 2017 20:58

Tgt Ion:	202	Resp:	67752
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.6	26.4
203	16.9	14.4	21.6





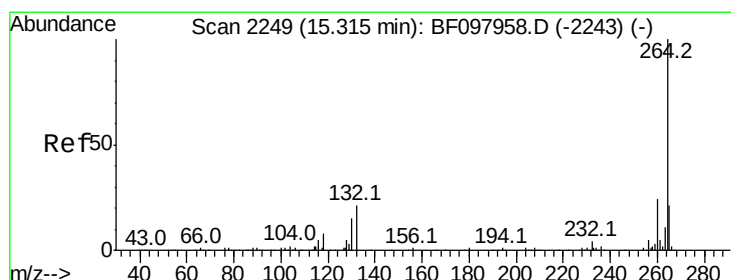
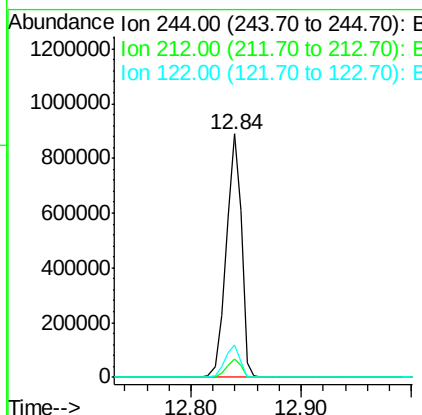
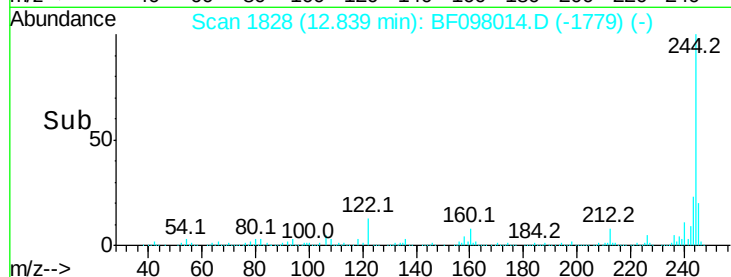
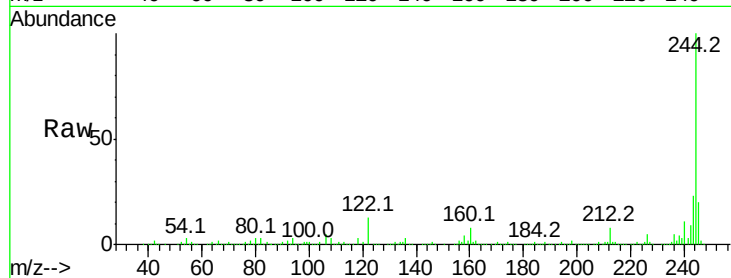
#78
 Terphenyl-d14
 Concen: 64.353 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 RWB-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.4	10.3	15.5

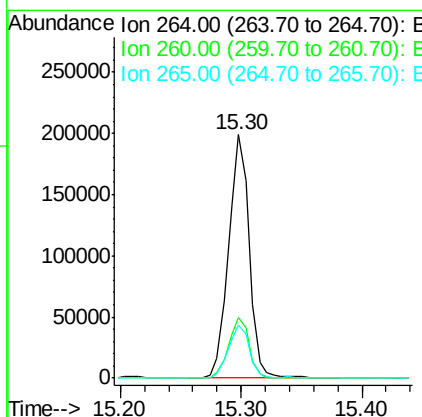
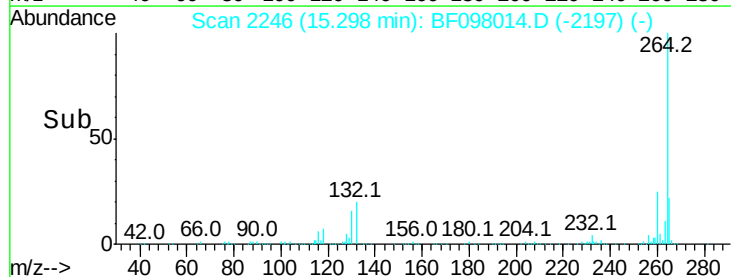
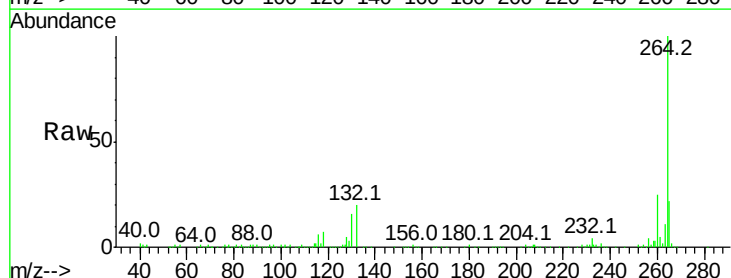
Manual Integrations
 APPROVED

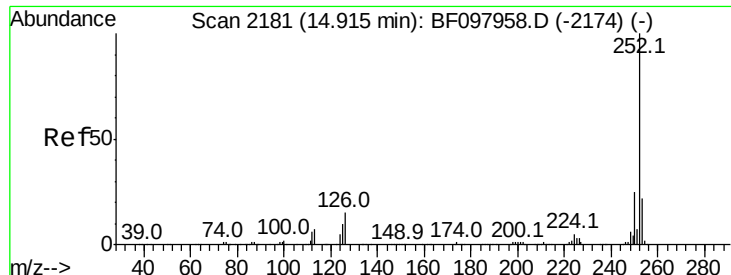
Sohil
 8/25/2017 5:40:15 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.7	17.2	25.8





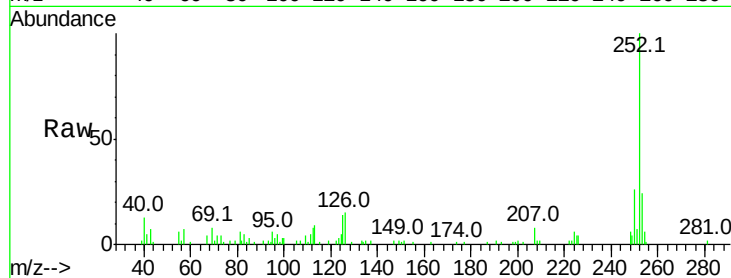
#87
 Benzo(b)fluoranthene
 Concen: 2.406 ng/ml
 RT: 14.89 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BF098014.D
 Acq: 24 Aug 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 RWB-8

Tot Ion:	252	Resp:	35903
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.1	27.1
125	13.8	9.8	14.8

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:40:15 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

