

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098009.D
 Acq On : 24 Aug 2017 18:37
 Operator : SJ/JU
 Sample : I4925-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:40:07 PM

Quant Time: Aug 25 01:57:46 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	117548	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	469225	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	204331	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	395188	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	298573	20.00	ng	-0.01
86) Perylene-d12	15.30	264	249943	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	829756	107.37	ng	0.00
7) Phenol-d6	6.37	99	1121526	106.81	ng	-0.01
23) Nitrobenzene-d5	7.30	82	636076	73.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	182115	102.72	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	713404	51.30	ng	-0.01
78) Terphenyl-d14	12.84	244	544615	38.04	ng	-0.01
Target Compounds						
10) Phenol	6.38	94	34026	2.771	ng	Qvalue # 74
49) Dimethylphthalate	9.49	163	213749	14.311	ng	98
74) Fluoranthene	12.46	202	92249	4.197	ng	99
77) Pyrene	12.69	202	90244	3.696	ng	97
80) Benzo(a)anthracene	13.87	228	39485	2.207	ng	99
82) Chrysene	13.91	228	44702	2.511	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	23209	2.237	ng	# 97
87) Benzo(b)fluoranthene	14.89	252	47019m	2.984	ng	
89) Benzo(a)pyrene	15.23	252	32455	2.327	ng	96

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

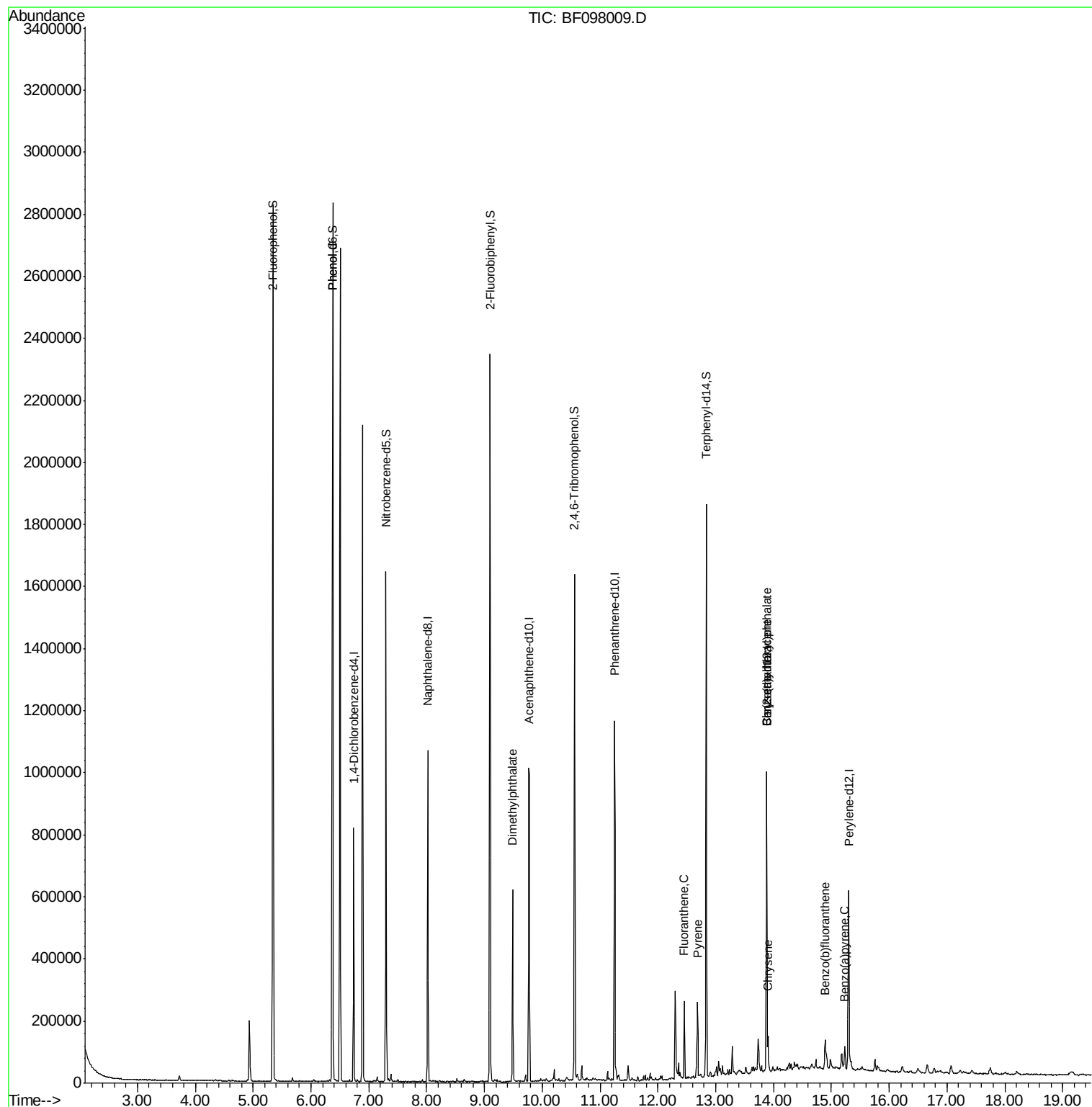
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
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Operator : SJ/JU
Sample : I4925-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

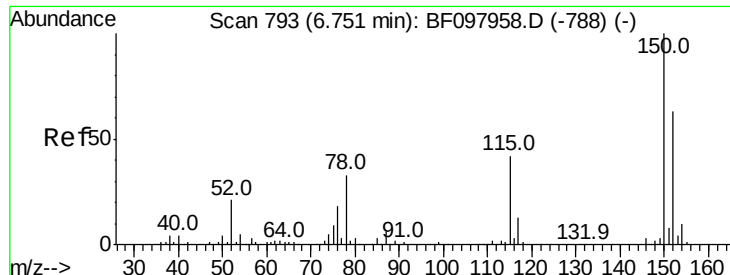
Instrument :
BNA_F
ClientSampleId :
RWB-1

Manual Integrations
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8/25/2017 5:40:07 PM

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#1

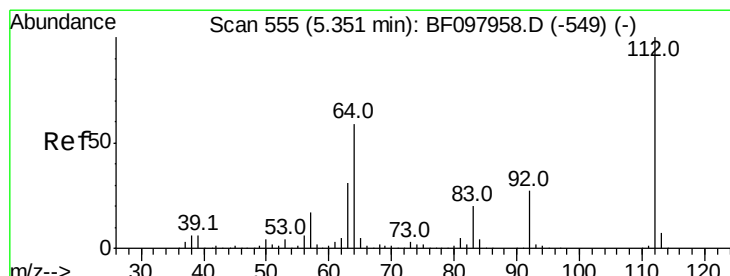
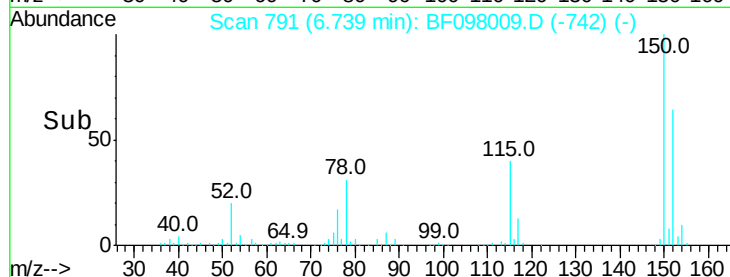
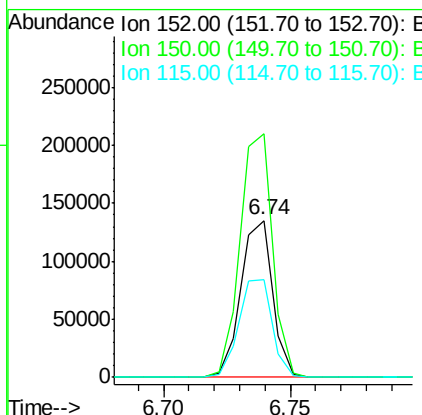
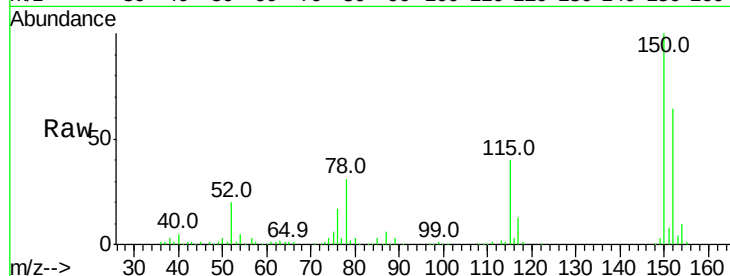
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Instrument :
BNA_F
ClientSampled :
RWB-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	62.2	52.2	78.2

Manual Integrations
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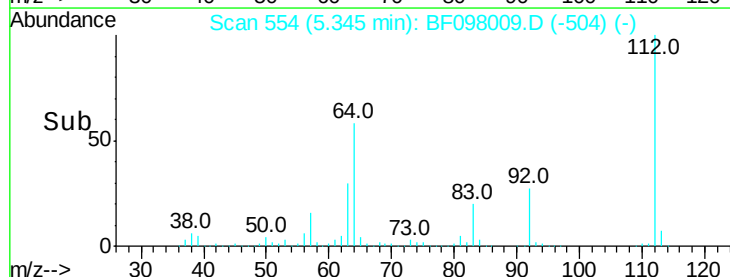
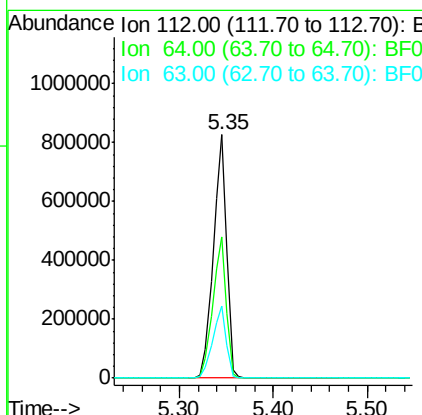
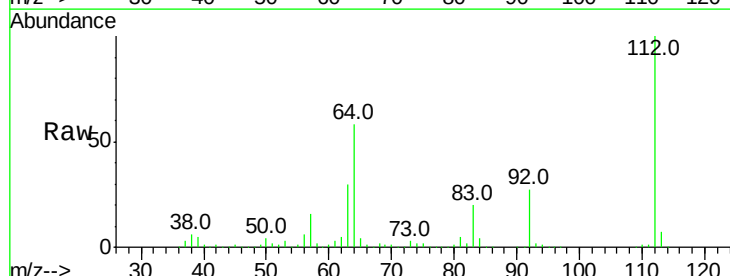
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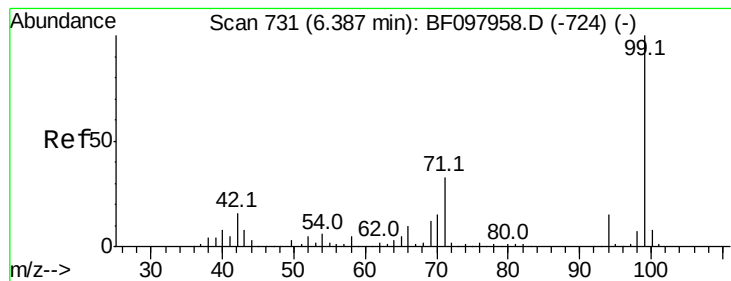


#5

2-Fluorophenol
Concen: 107.371 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.0	69.0
63	29.7	23.4	35.0





#7

Phenol-d6

Concen: 106.811 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098009.D

Acq: 24 Aug 2017 18:37

Instrument :

BNA_F

ClientSampled :

RWB-1

Tot Ion: 99 Resp: 1121526

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

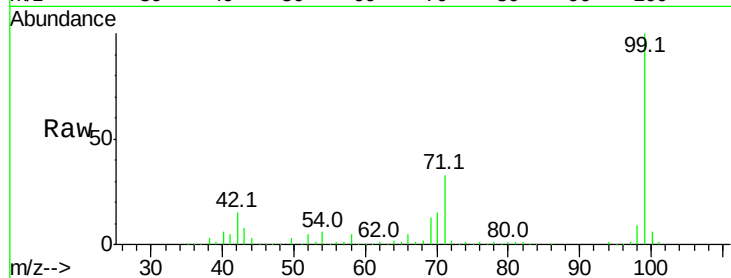
71 32.8 24.5 36.7

Manual Integrations

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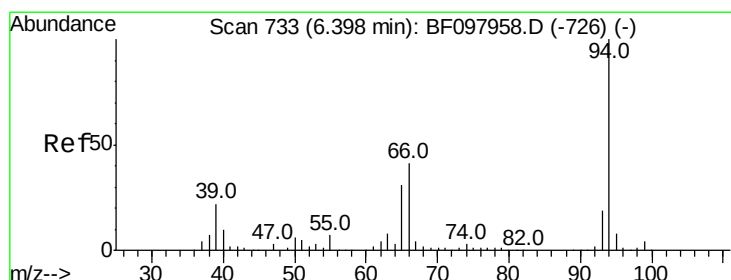
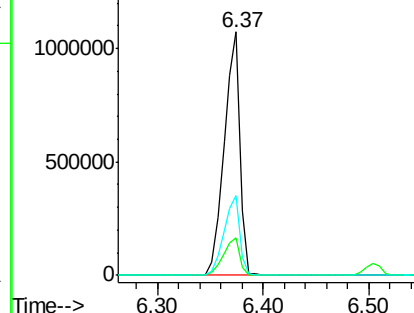
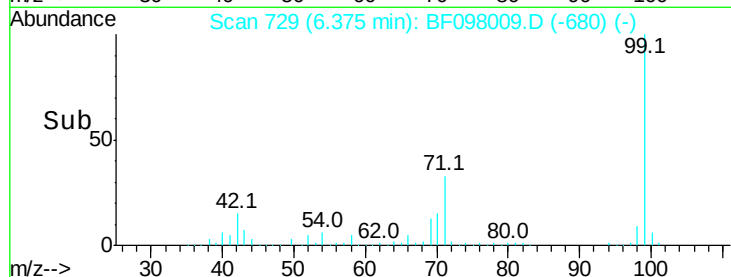
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.771 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF098009.D

Acq: 24 Aug 2017 18:37

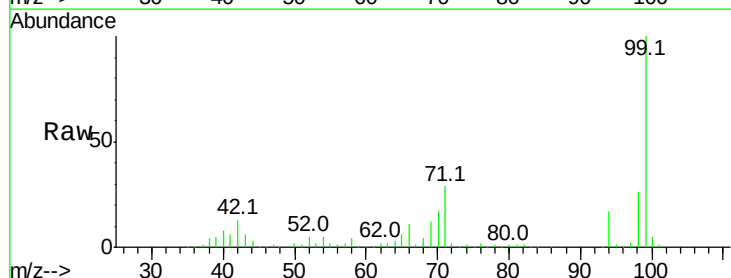
Tgt Ion: 94 Resp: 34026

Ion Ratio Lower Upper

94 100

65 36.7 9.9 49.9

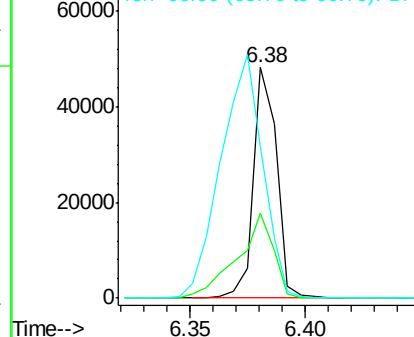
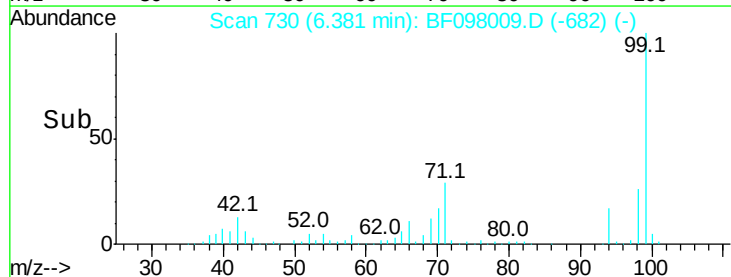
66 65.7 23.1 63.1#

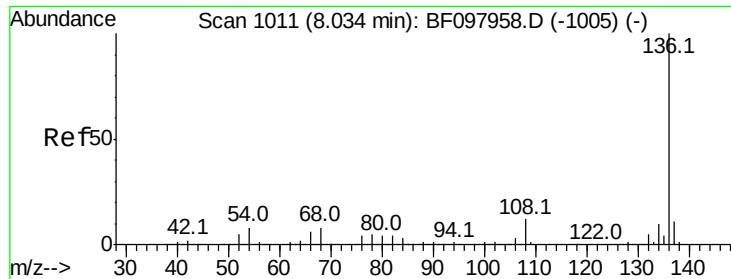


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





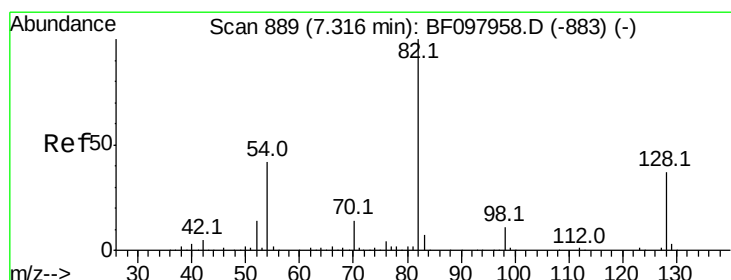
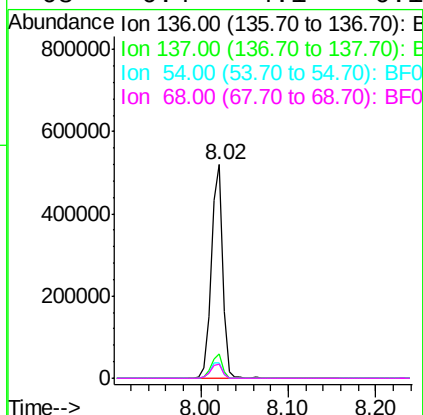
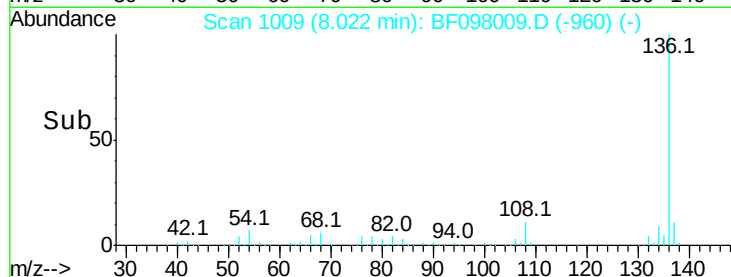
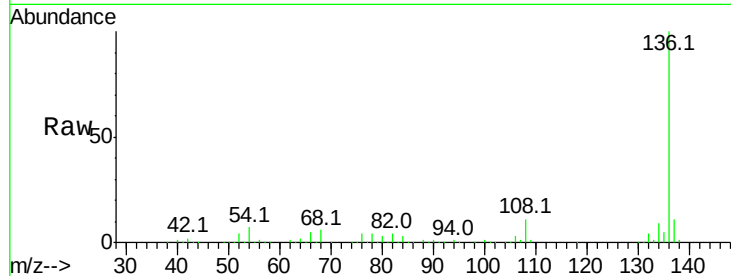
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Instrument :
BNA_F
ClientSampleId :
RWB-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	6.9	4.9	7.3	
68	6.4	4.1	6.1	

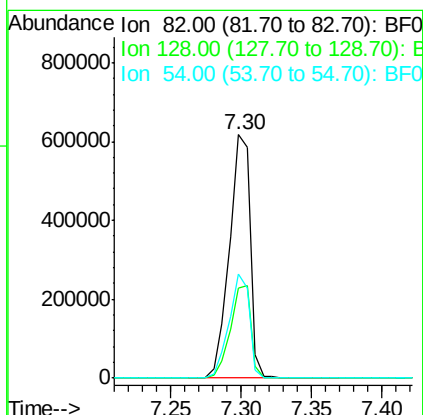
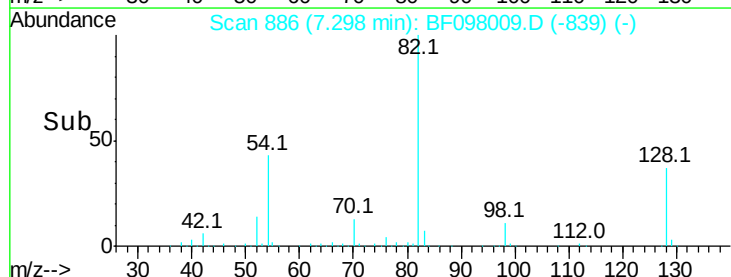
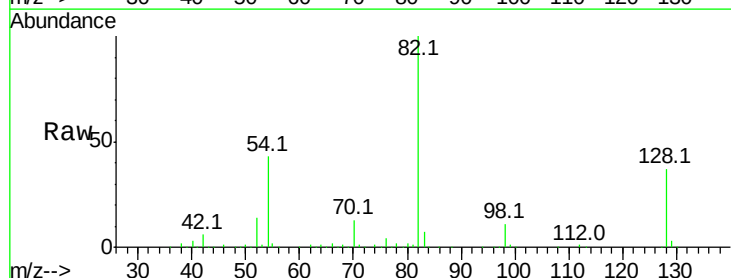
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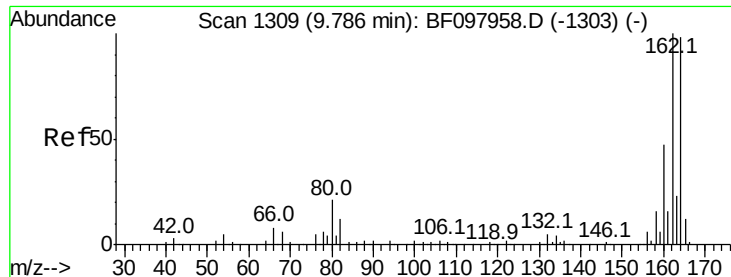
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#23
Nitrobenzene-d5
Concen: 73.642 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.9	34.0	51.0	
54	42.7	42.2	63.2	





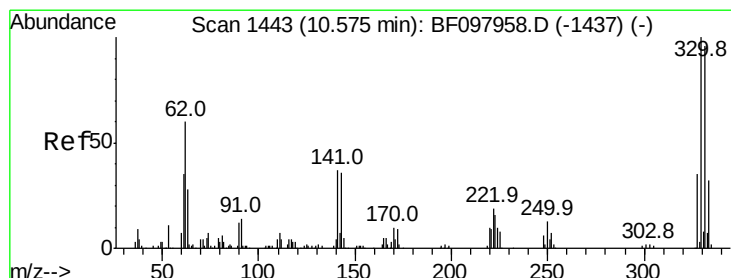
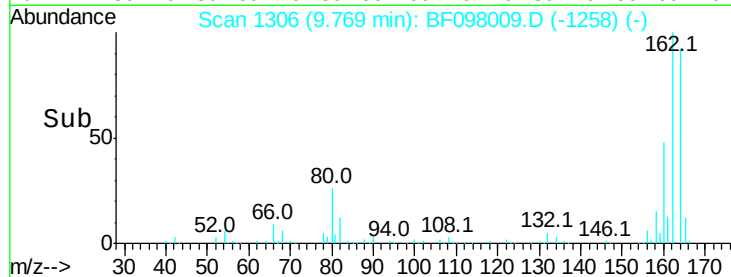
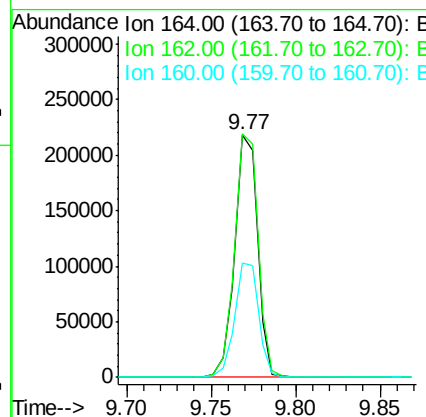
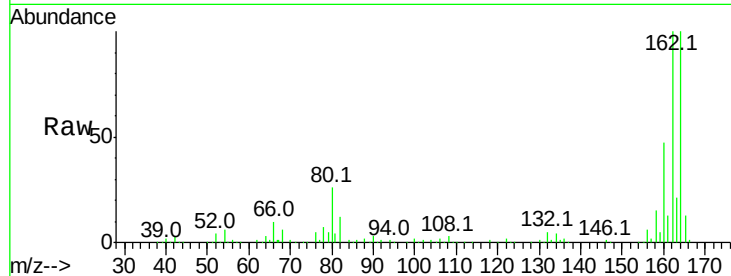
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098009.D
 Acq: 24 Aug 2017 18:37

Instrument :
 BNA_F
 ClientSampled :
 RWB-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	204331		
162	100.3	82.6	123.8	
160	47.3	36.2	54.2	

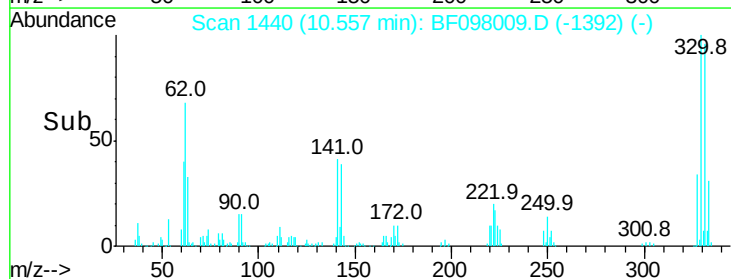
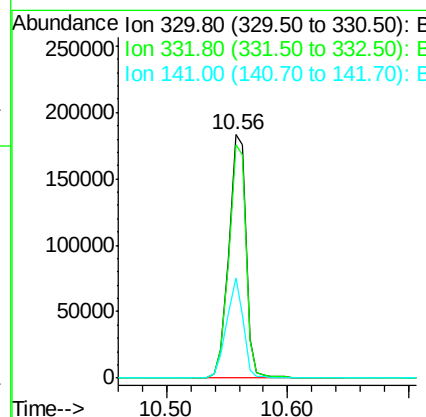
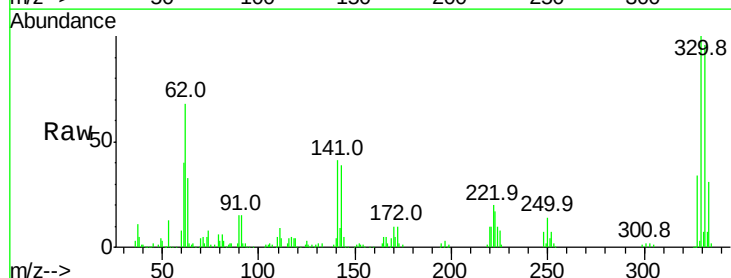
Manual Integrations
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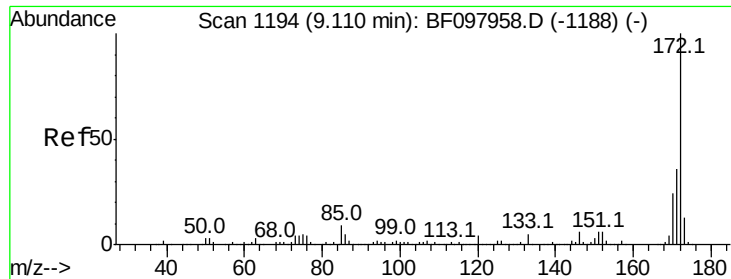
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#41
 2,4,6-Tribromophenol
 Concen: 102.721 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098009.D
 Acq: 24 Aug 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	182115		
332	95.9	76.6	115.0	
141	39.4	31.4	47.2	





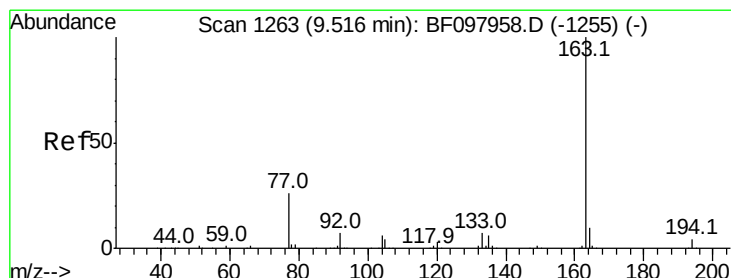
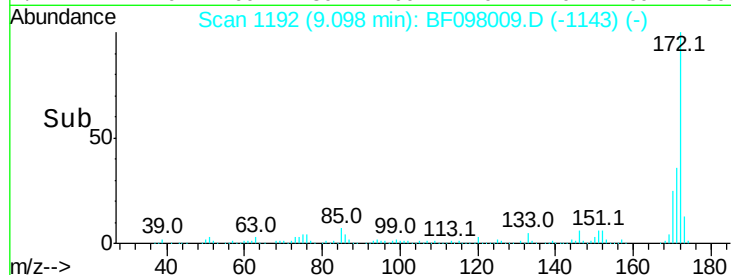
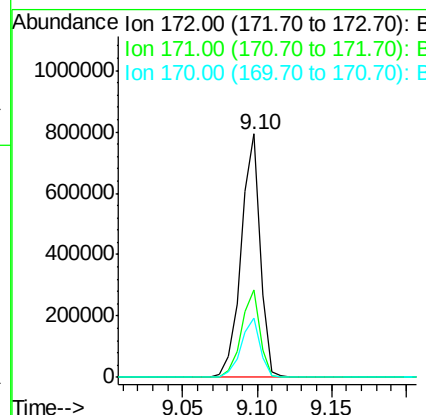
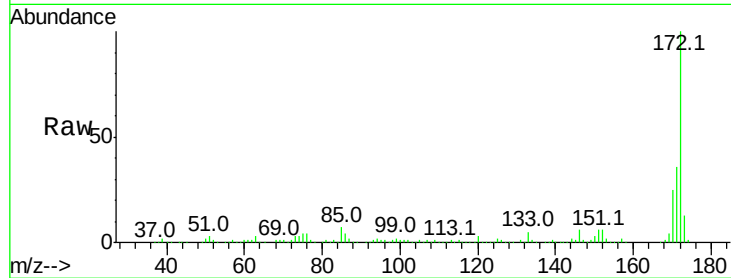
#44
2-Fluorobiphenyl
Concen: 51.296 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Instrument :
BNA_F
ClientSampled :
RWB-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.6	44.4	
170	24.6	19.8	29.8	

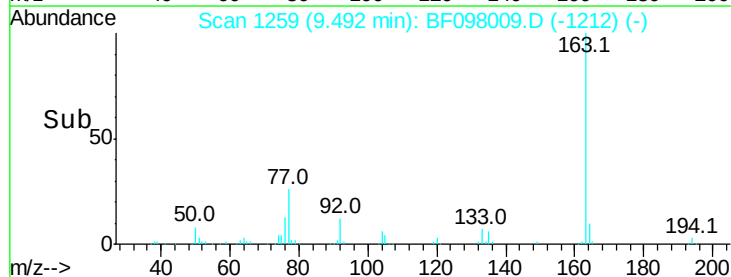
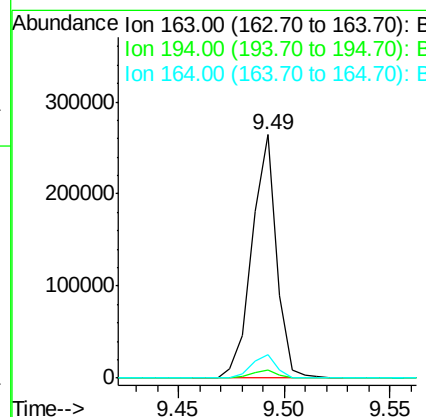
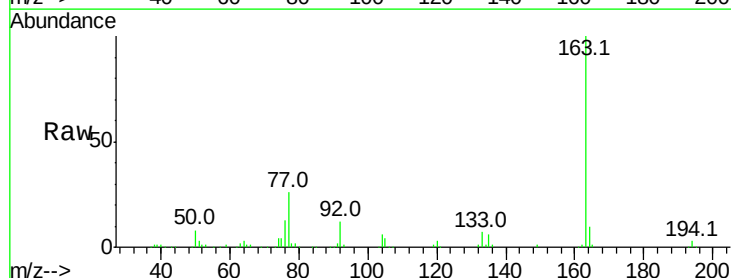
Manual Integrations
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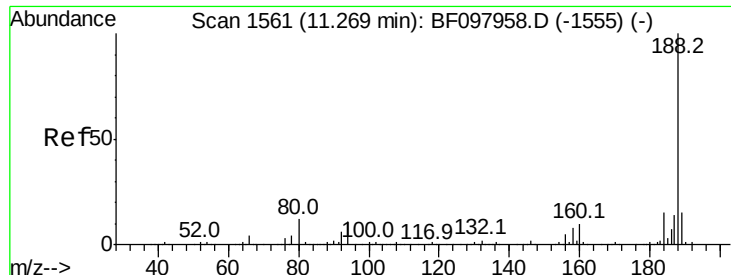
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#49
Dimethylphthalate
Concen: 14.311 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.5	8.4	12.6	





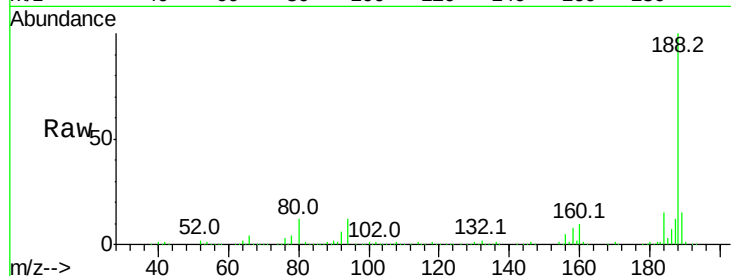
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Instrument :
BNA_F
ClientSampled :
RWB-1

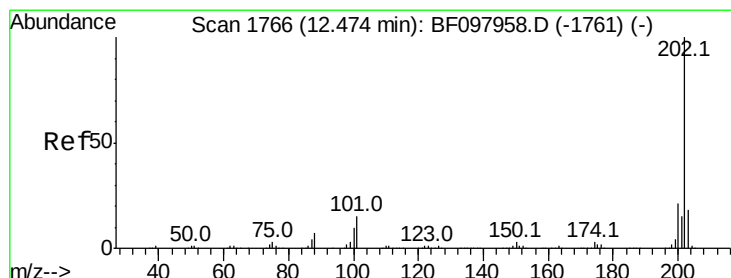
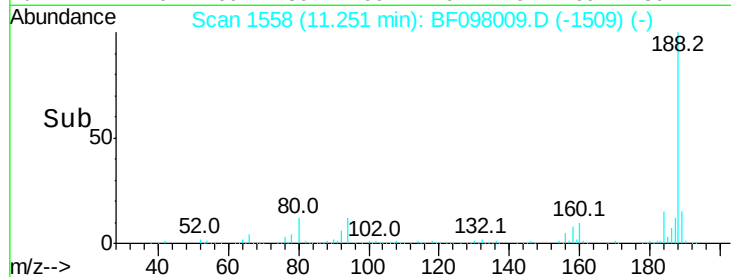
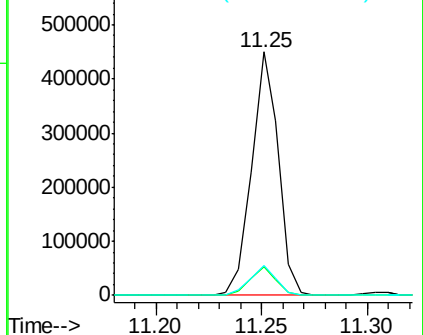
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.8	9.4	14.2	
80	12.5	10.2	15.2	

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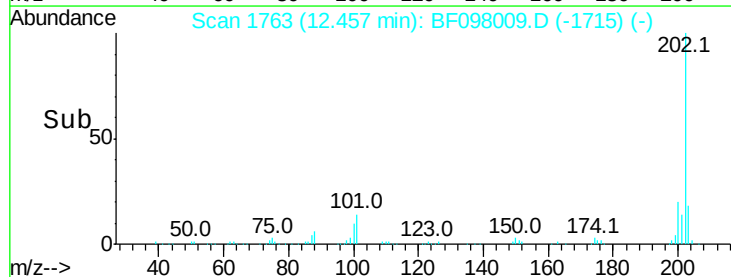
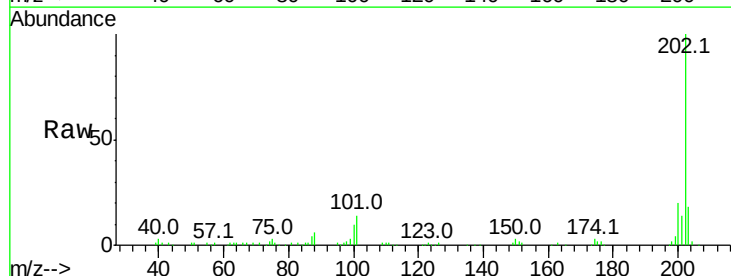
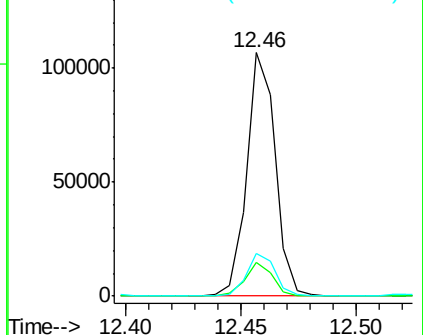
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

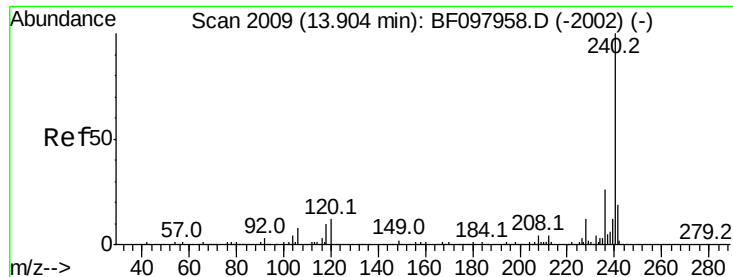


#74
Fluoranthene
Concen: 4.197 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.9	0.0	33.2	
203	17.7	0.0	38.1	

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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098009.D

Acq: 24 Aug 2017 18:37

Instrument :

BNA_F

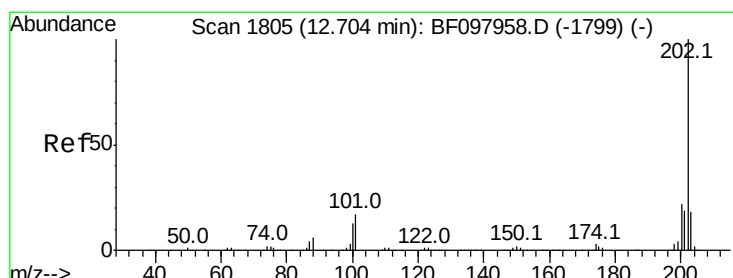
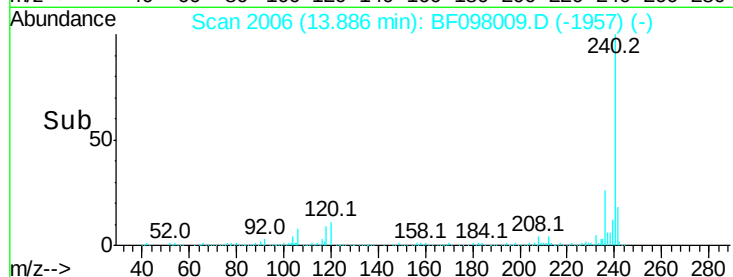
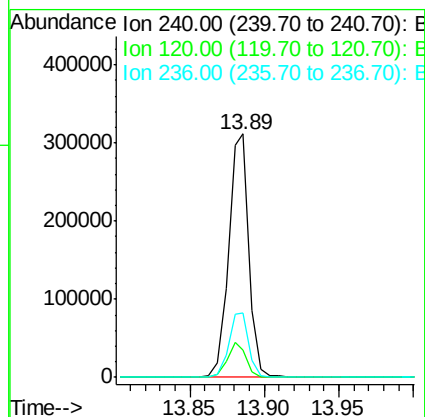
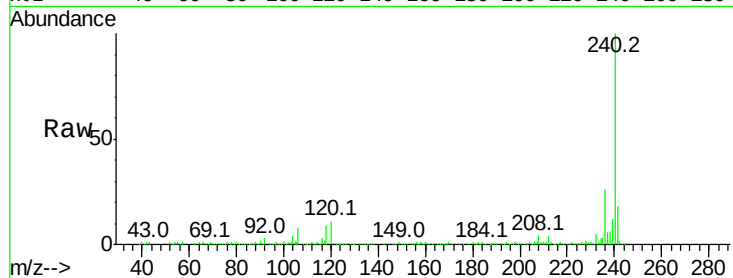
ClientSampled :

RWB-1

Tot Ion:	240	Resp:	298573
Ion Ratio	Lower	Upper	
240	100		
120	11.2	5.8	8.8#
236	26.2	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 3.696 ng

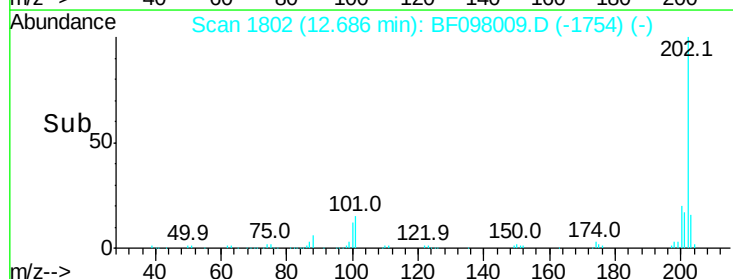
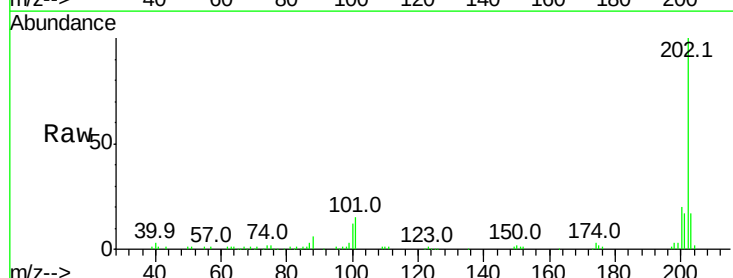
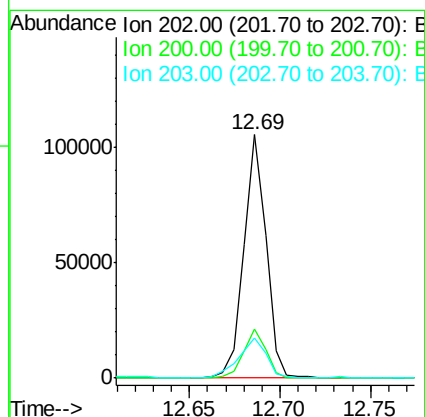
RT: 12.69 min Scan# 1802

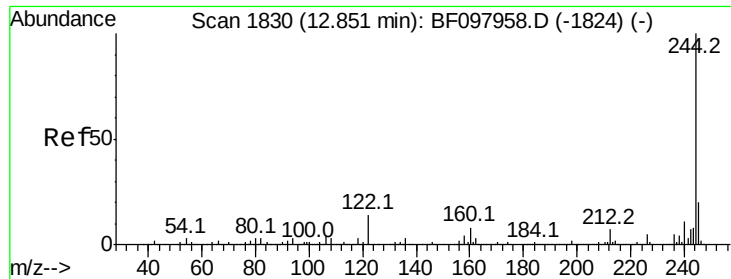
Delta R.T. -0.02 min

Lab File: BF098009.D

Acq: 24 Aug 2017 18:37

Tgt Ion:	202	Resp:	90244
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.6	26.4
203	16.6	14.4	21.6





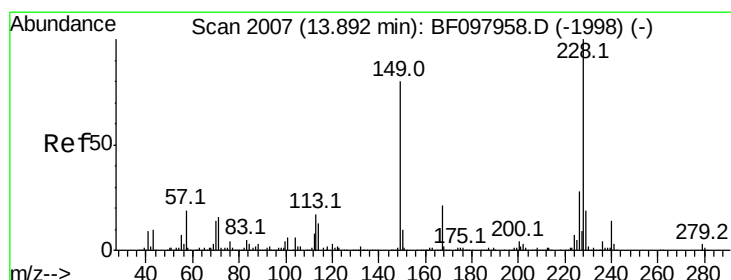
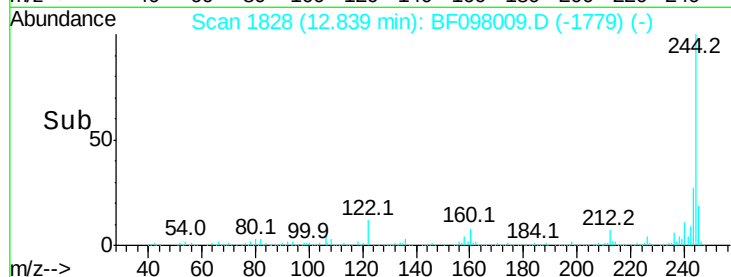
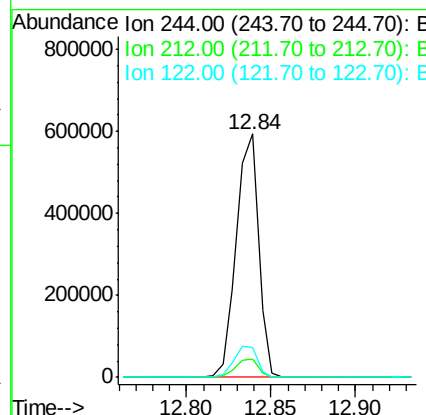
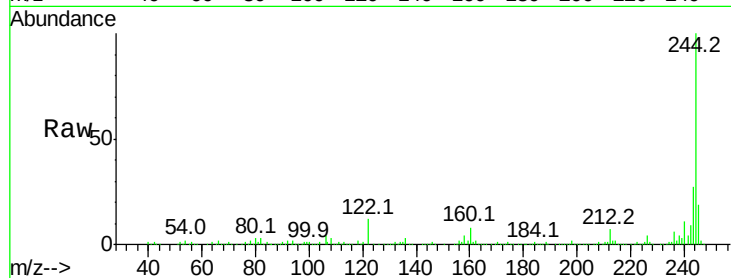
#78
 Terphenyl-d14
 Concen: 38.038 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098009.D
 Acq: 24 Aug 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	6.0	9.0	
122	12.1	10.3	15.5	

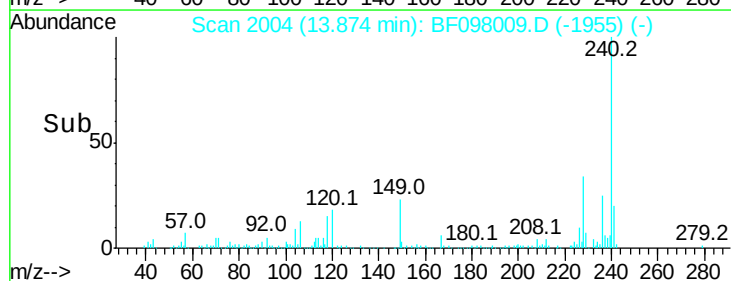
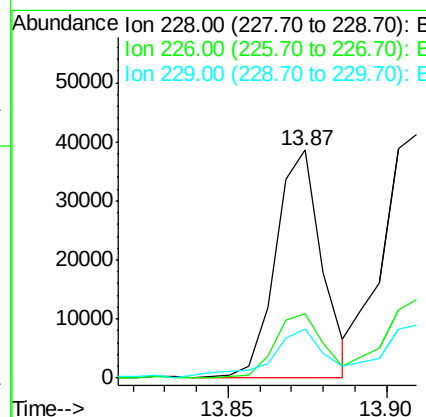
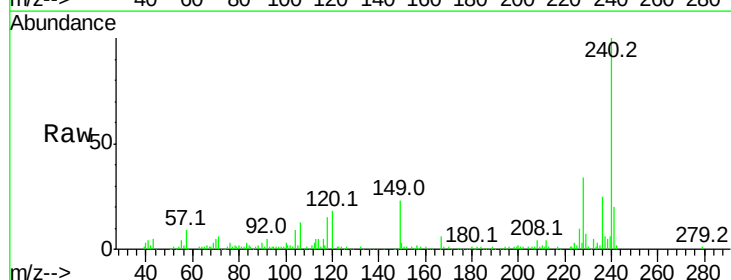
Manual Integrations
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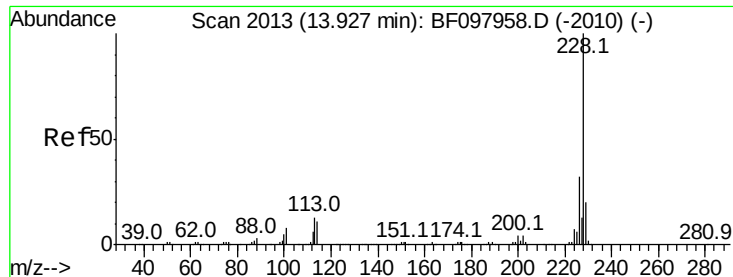
Sohil
 8/25/2017 5:40:07 PM



#80
 Benzo(a)anthracene
 Concen: 2.207 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF098009.D
 Acq: 24 Aug 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.3	22.6	33.8	
229	21.3	16.3	24.5	





#82

Chrysene

Concen: 2.511 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BF098009.D

Acq: 24 Aug 2017 18:37

Instrument :

BNA_F

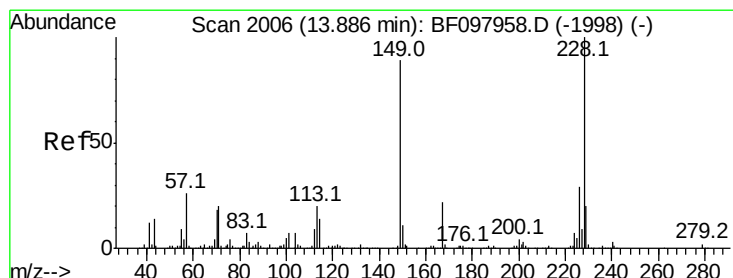
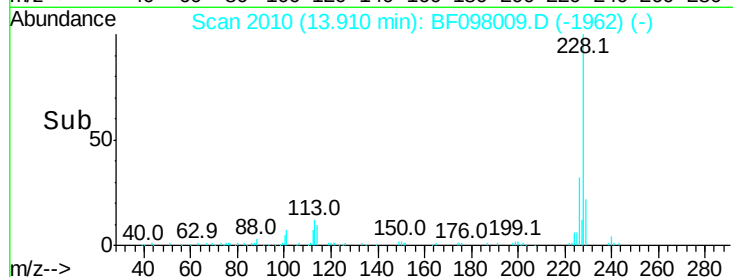
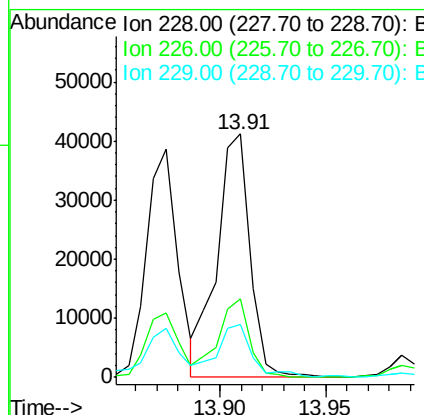
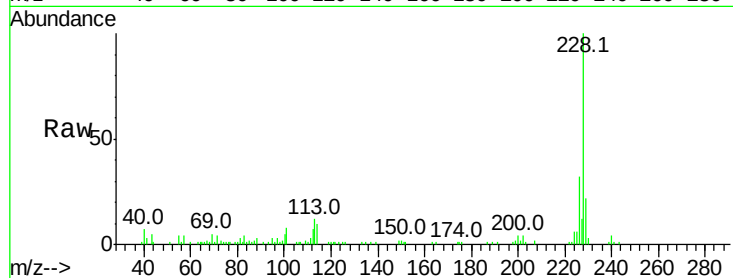
ClientSampled :

RWB-1

Tot Ion:	228	Resp:	44702
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.9	37.3
229	21.7	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.237 ng

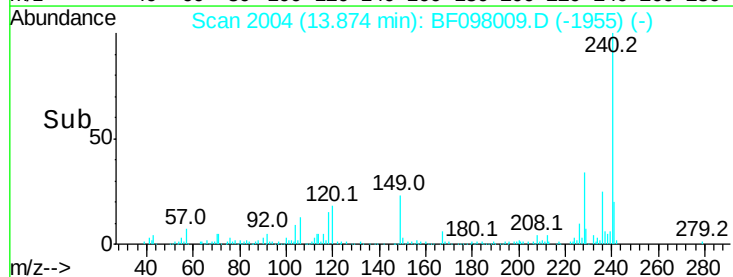
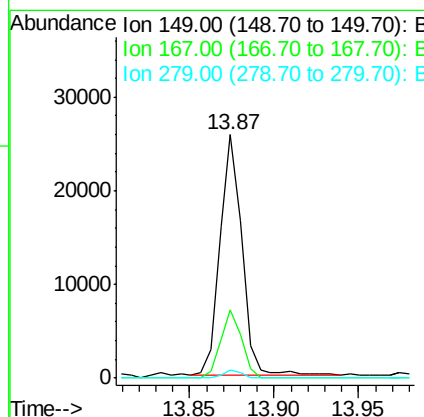
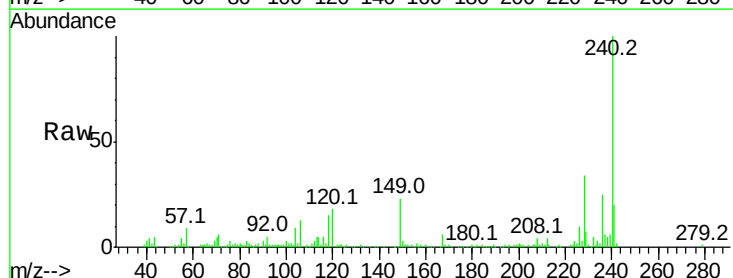
RT: 13.87 min Scan# 2004

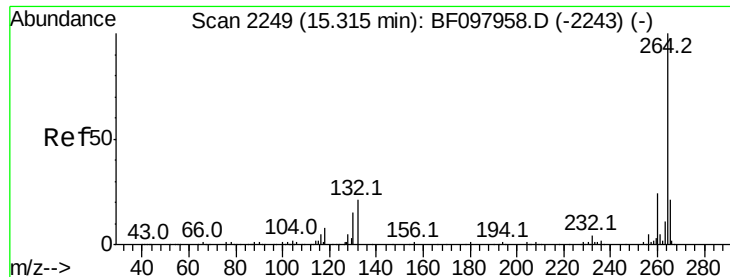
Delta R.T. -0.01 min

Lab File: BF098009.D

Acq: 24 Aug 2017 18:37

Tgt Ion:	149	Resp:	23209
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.0	31.4
279	3.2	1.9	2.9#





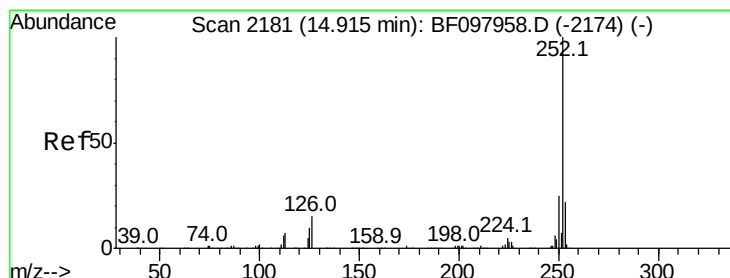
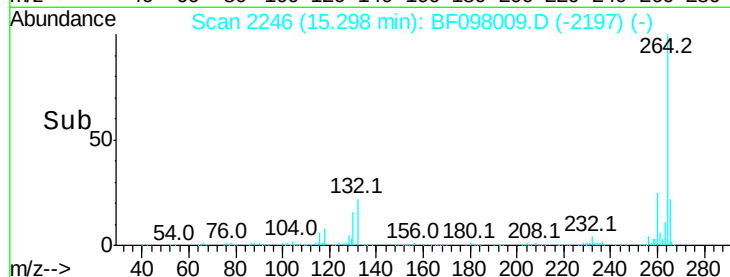
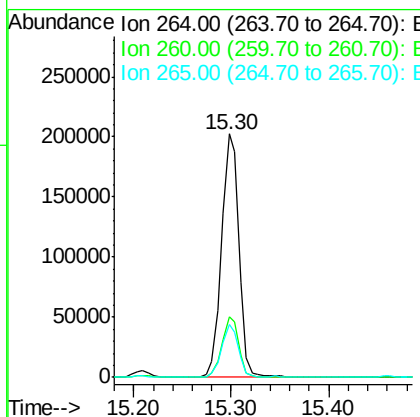
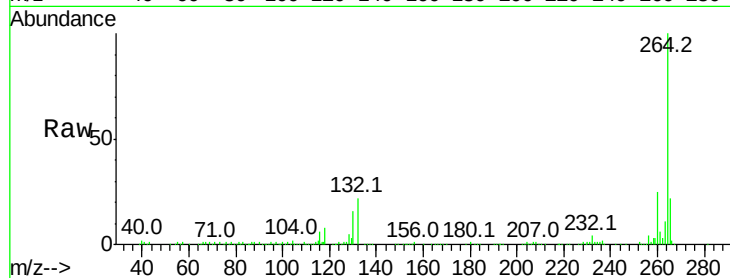
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Instrument :
BNA_F
ClientSampled :
RWB-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.0	17.2	25.8

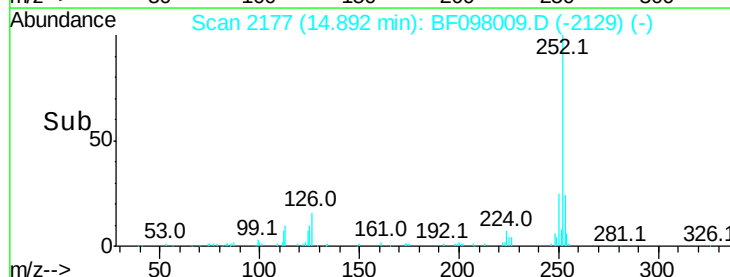
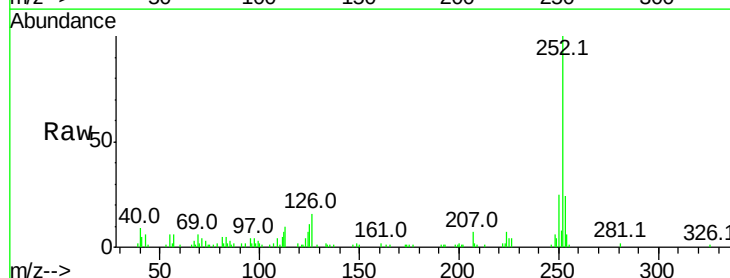
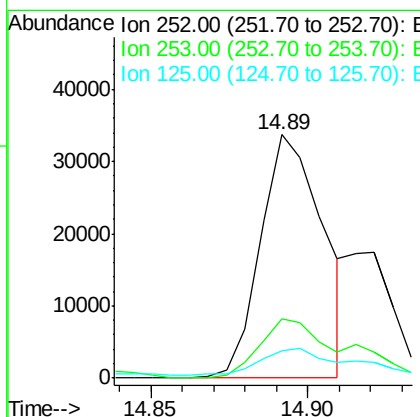
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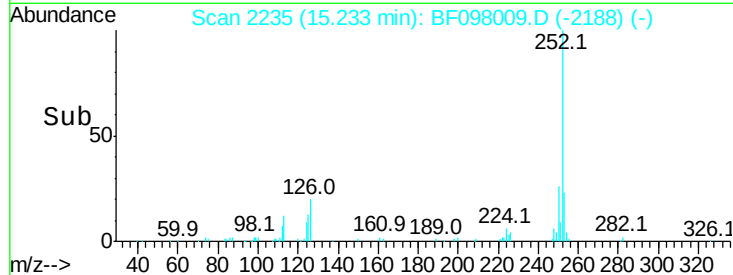
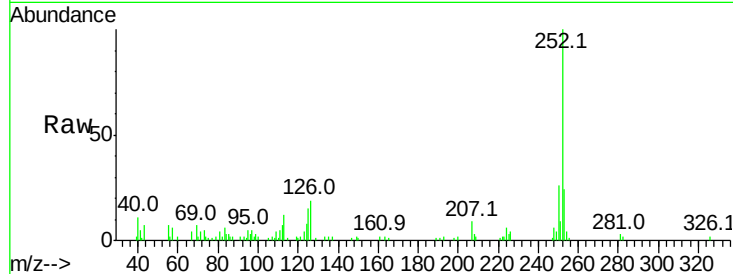
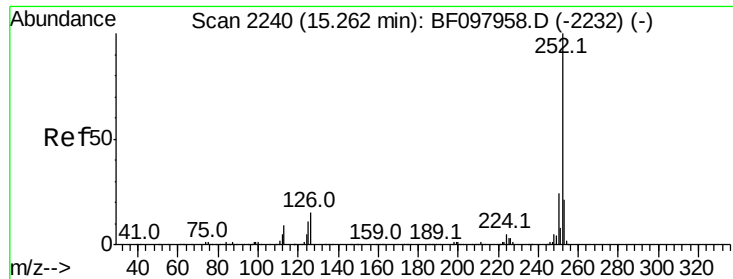
Sohil
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#87
Benzo(b)fluoranthene
Concen: 2.984 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF098009.D
Acq: 24 Aug 2017 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	11.4	9.8	14.8





#89

Benzo(a)pyrene

Concen: 2.327 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF098009.D

Acq: 24 Aug 2017 18:37

Instrument :

BNA_F

ClientSampleId :

RWB-1

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.1	17.5	26.3	
125	14.6	11.0	16.4	

Manual Integrations
APPROVED

Sohil
8/25/2017 5:40:07 PM

