

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097880.D
 Acq On : 19 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4846-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)

Manual Integrations
 APPROVED

Sohil
 8/21/2017 5:19:57 PM

Quant Time: Aug 21 11:23:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144305	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	601749	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	280145	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	490793	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	275184	20.00	ng	-0.04
86) Perylene-d12	15.33	264	260404	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1228225	129.46	ng	0.00
7) Phenol-d6	6.40	99	1698266	131.75	ng	0.00
23) Nitrobenzene-d5	7.33	82	1126514	101.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	332783	136.91	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1604994	84.17	ng	-0.02
78) Terphenyl-d14	12.87	244	1119353	84.82	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.52	163	233631	11.409	ng	99
77) Pyrene	12.71	202	45537	2.023	ng	99

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

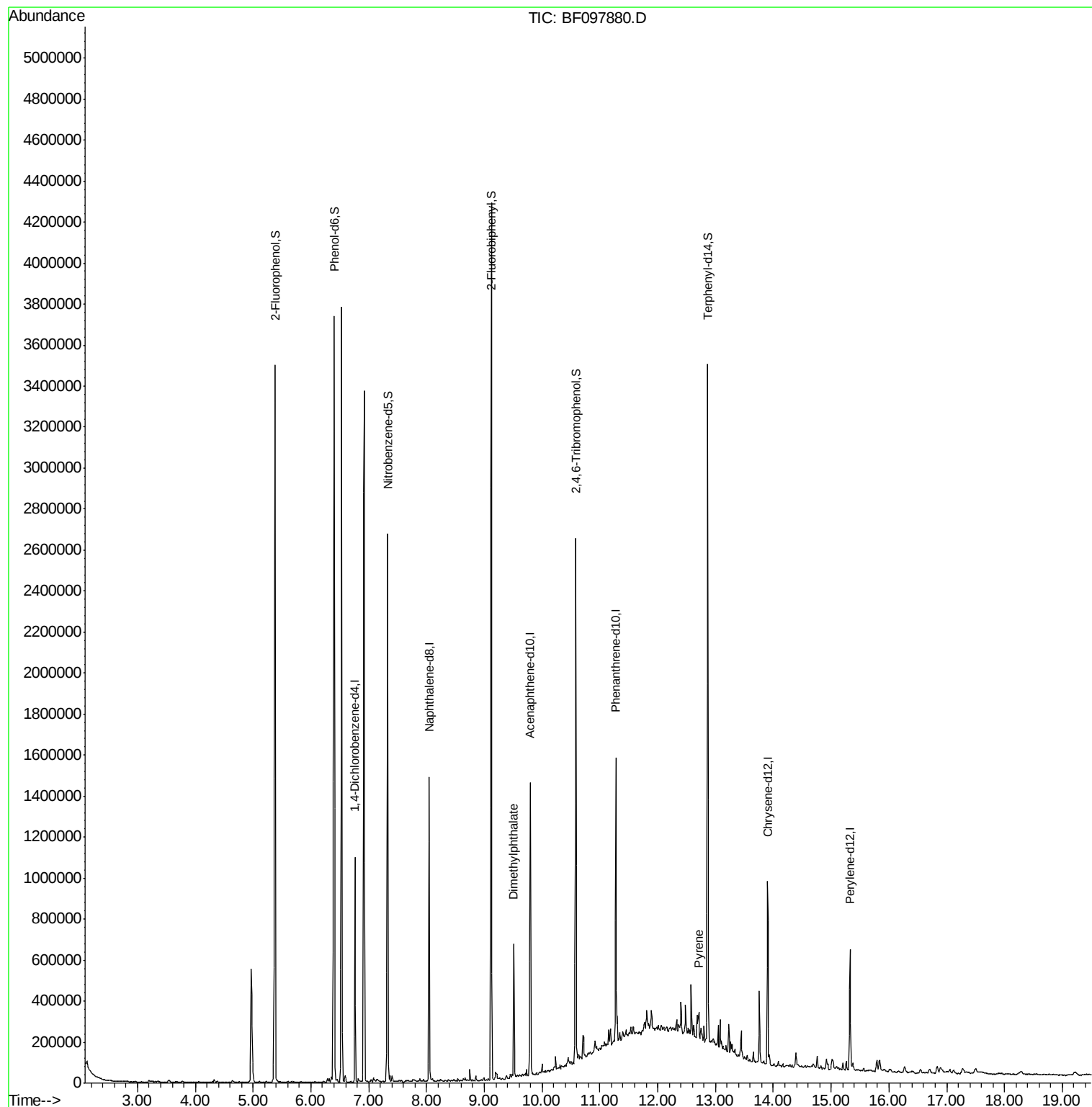
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097880.D
Acq On : 19 Aug 2017 15:52
Operator : SJ/JU
Sample : I4846-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

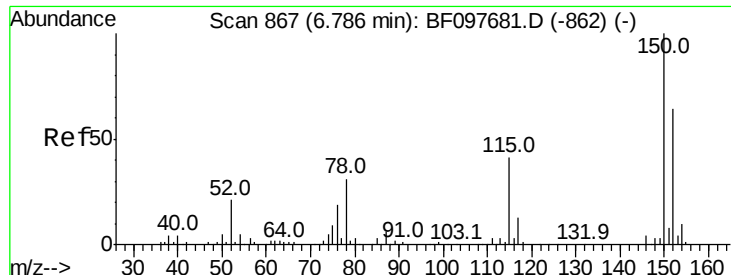
Instrument :
BNA_F
ClientSampleId :
PI-1(3)

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#1

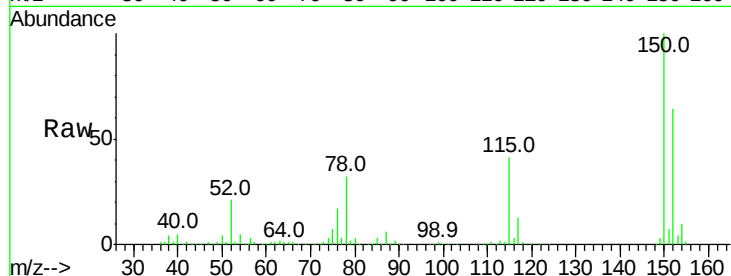
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097880.D
Acq: 19 Aug 2017 15:52

Instrument :
BNA_F
ClientSampled :
PI-1(3)

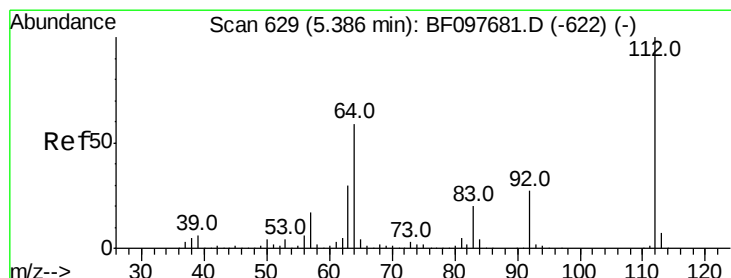
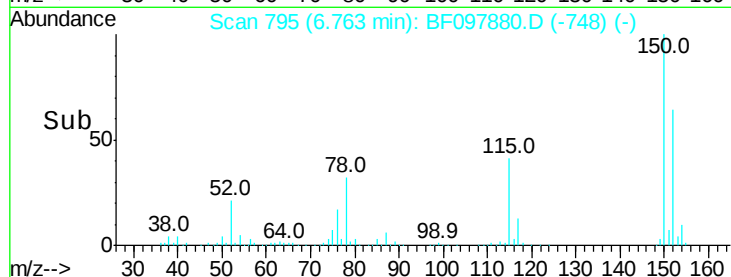
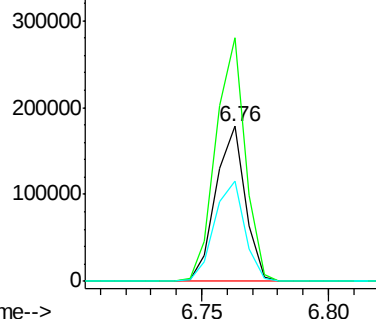
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	64.3	52.2	78.2

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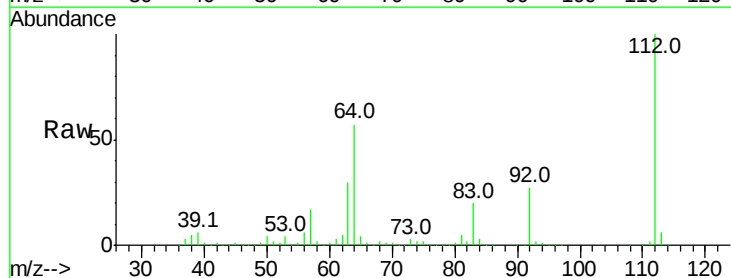
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



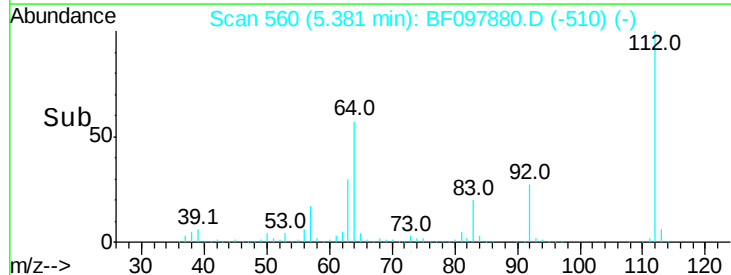
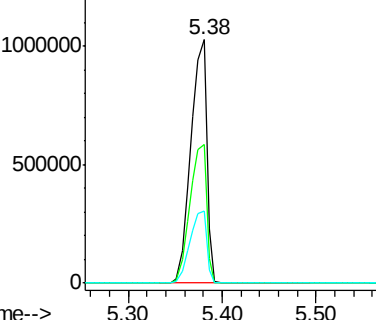
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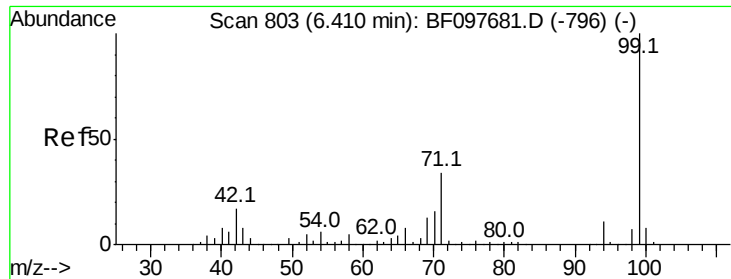
2-Fluorophenol
Concen: 129.463 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097880.D
Acq: 19 Aug 2017 15:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.0	69.0
63	29.8	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: 131.749 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097880.D

Acq: 19 Aug 2017 15:52

Instrument :

BNA_F

ClientSampled :

PI-1(3)

Tot Ion: 99 Resp: 1698266

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

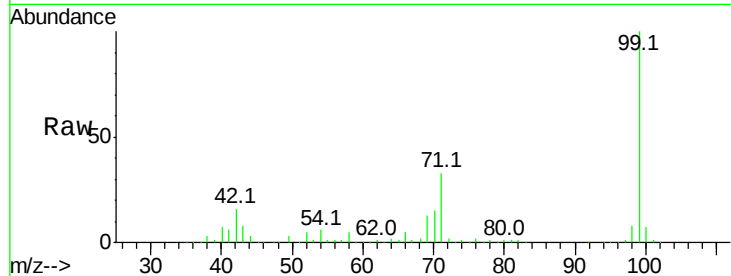
71 33.2 24.5 36.7

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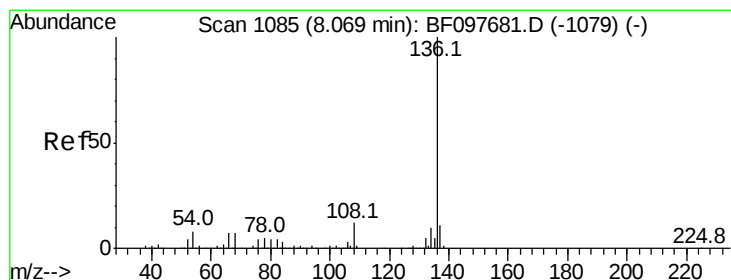
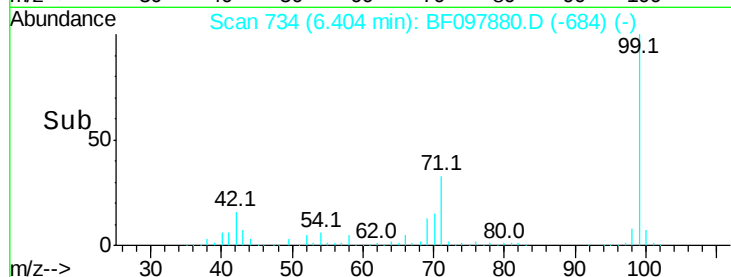
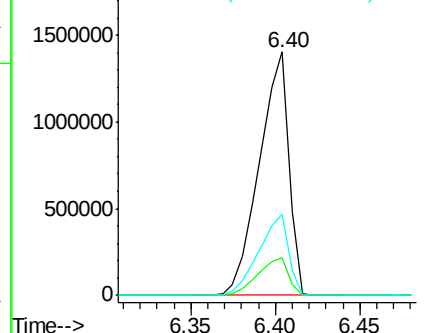
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF097880.D

Acq: 19 Aug 2017 15:52

Tgt Ion: 136 Resp: 601749

Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3#

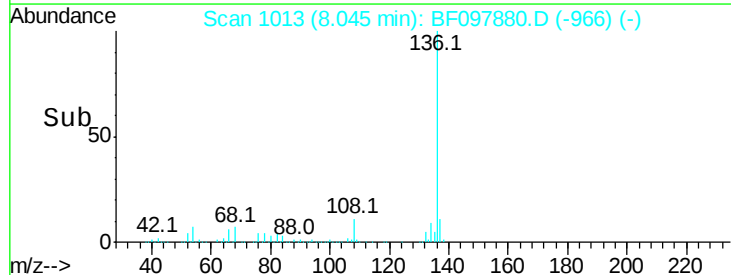
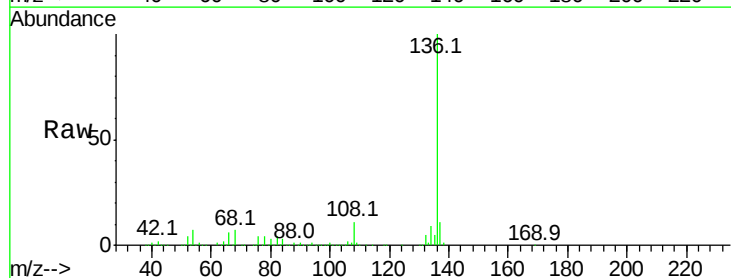
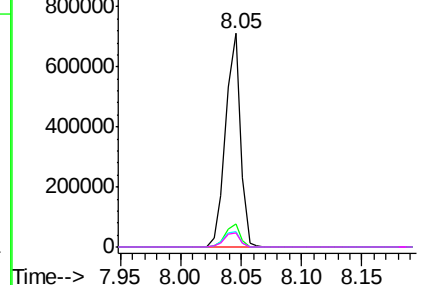
68 6.7 4.1 6.1#

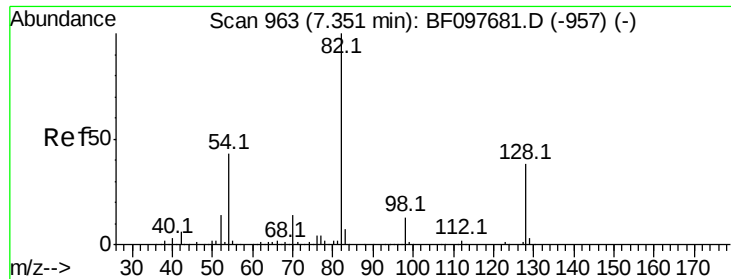
Abundance Ion 136.00 (135.70 to 136.70): E

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





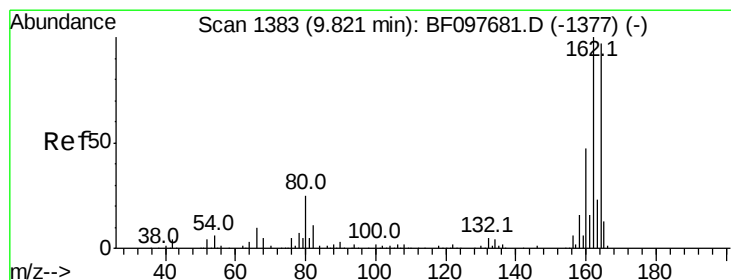
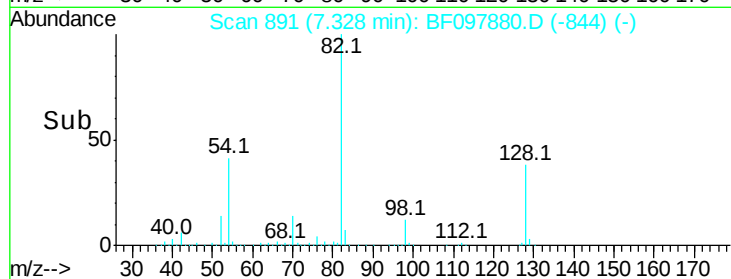
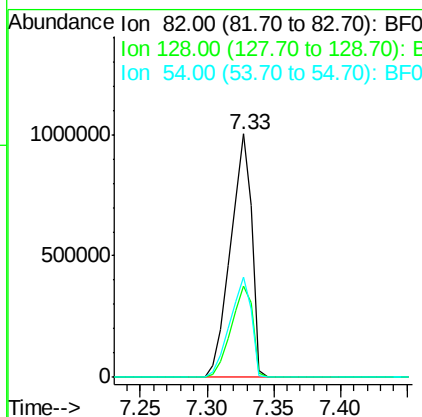
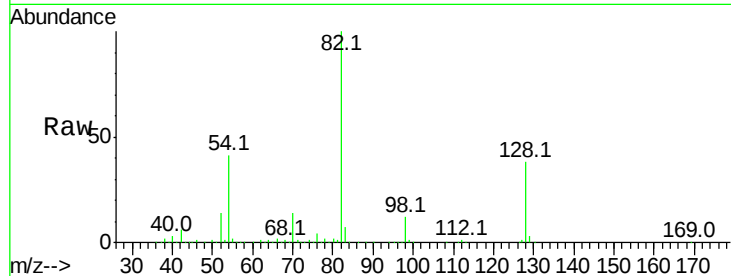
#23
 Nitrobenzene-d5
 Concen: 101.699 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF097880.D
 Acq: 19 Aug 2017 15:52

Instrument :
 BNA_F
 ClientSampled :
 PI-1(3)

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	34.0	51.0
54	41.1	42.2	63.2#

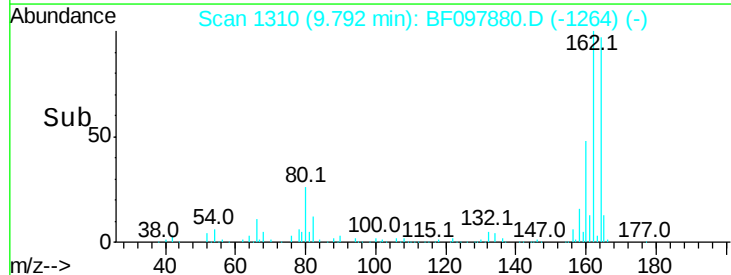
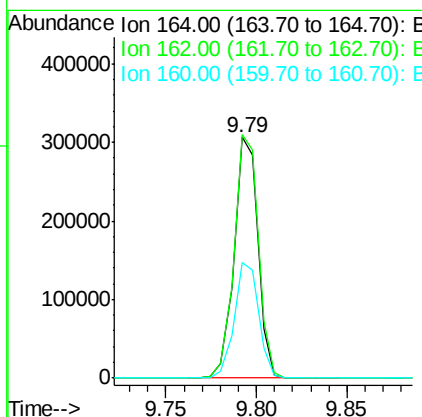
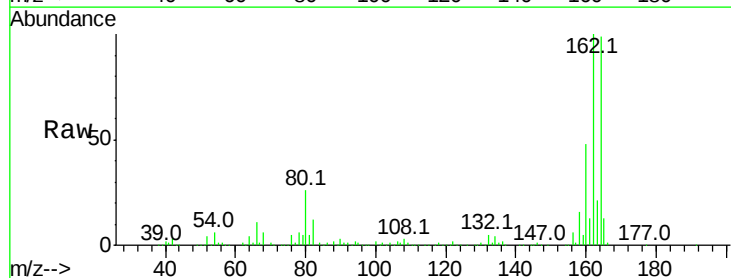
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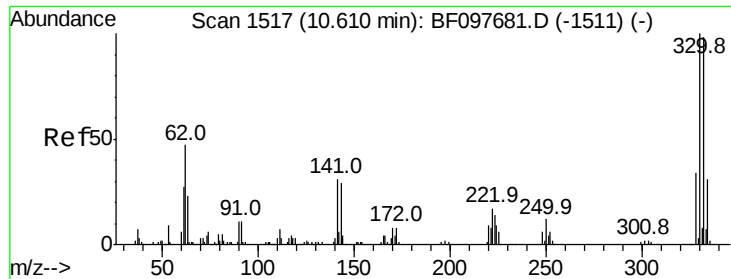
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: BF097880.D
 Acq: 19 Aug 2017 15:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	48.2	36.2	54.2





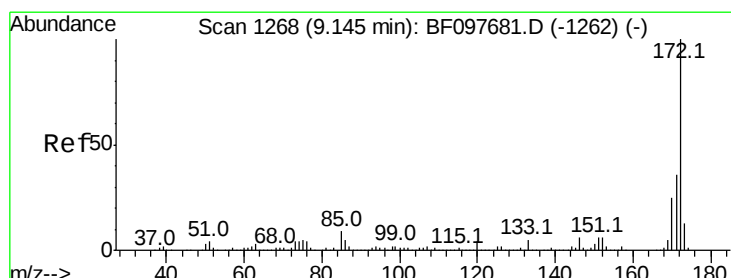
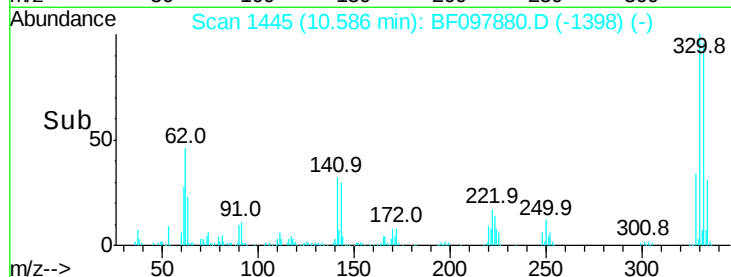
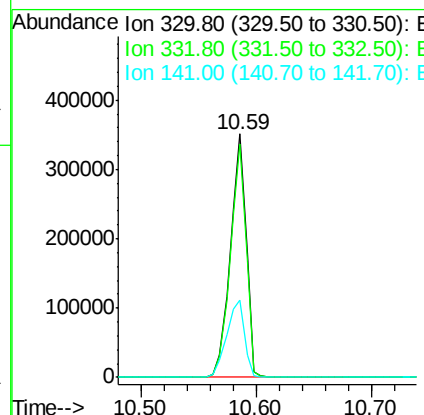
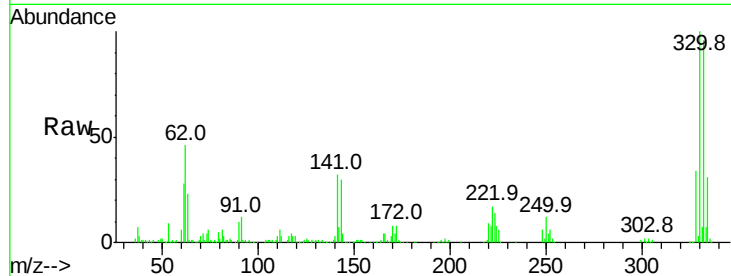
#41
 2,4,6-Tribromophenol
 Concen: 136.907 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF097880.D
 Acq: 19 Aug 2017 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	36.9	31.4	47.2	

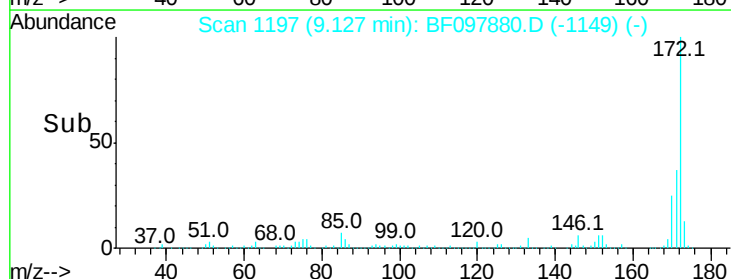
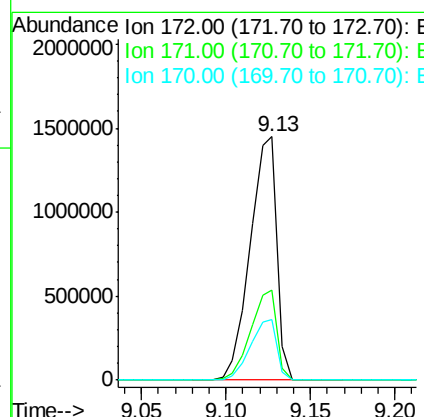
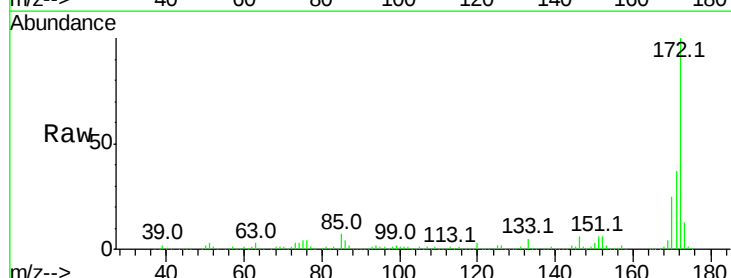
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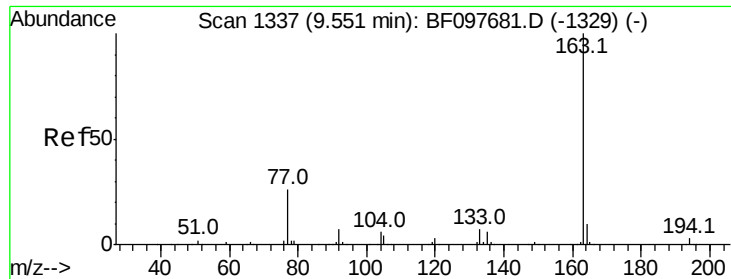
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#44
 2-Fluorobiphenyl
 Concen: 84.173 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097880.D
 Acq: 19 Aug 2017 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	29.6	44.4	
170	25.1	19.8	29.8	





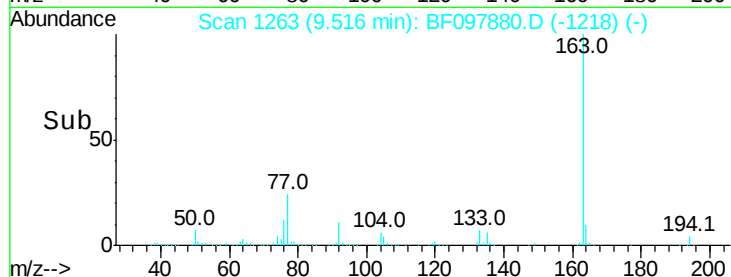
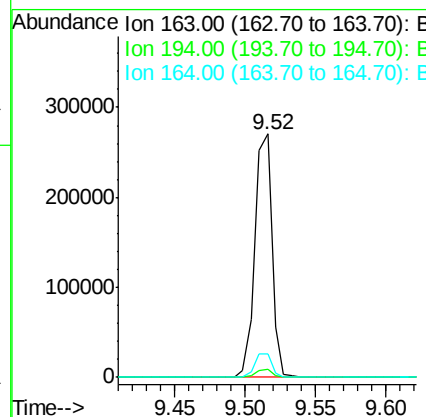
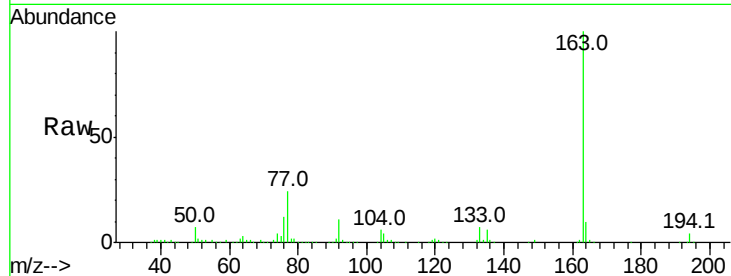
#49
Dimethylphthalate
Concen: 11.409 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BF097880.D
Acq: 19 Aug 2017 15:52

Instrument :
BNA_F
ClientSampled :
PI-1(3)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	233631		
194	3.5	2.6	4.0	
164	9.9	8.4	12.6	

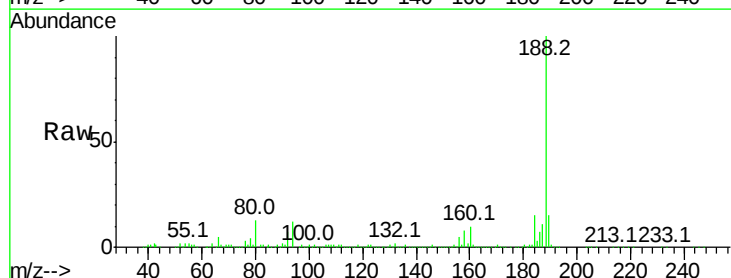
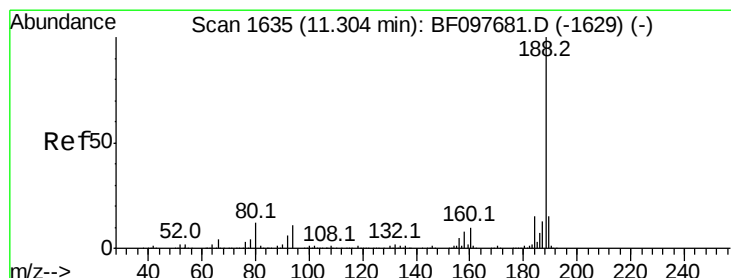
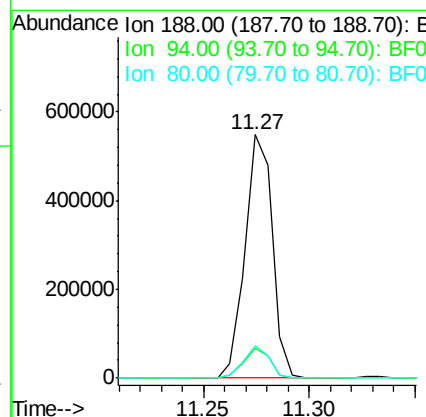
Manual Integrations
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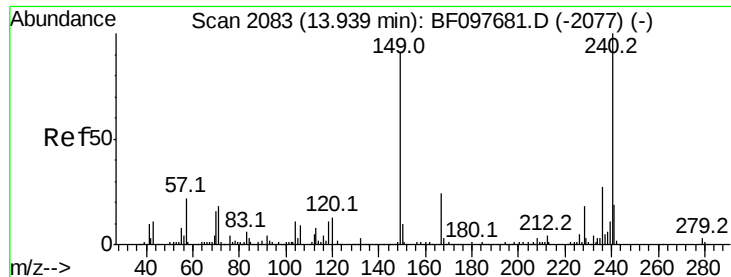
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097880.D
Acq: 19 Aug 2017 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	490793		
94	12.3	9.4	14.2	
80	13.5	10.2	15.2	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.04 min

Lab File: BF097880.D

Acq: 19 Aug 2017 15:52

Instrument :

BNA_F

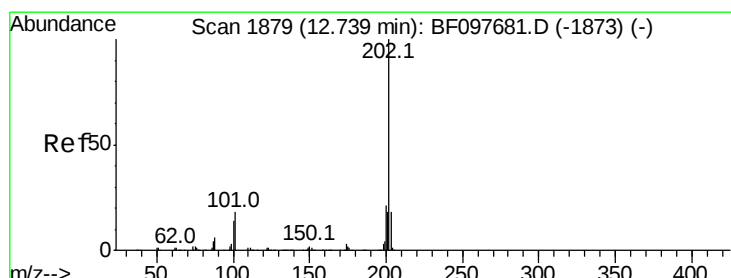
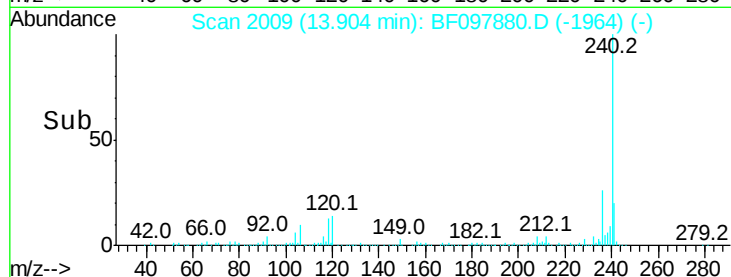
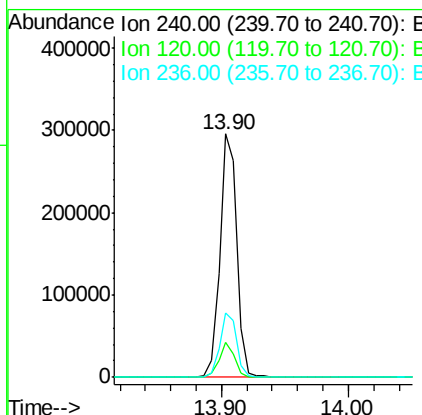
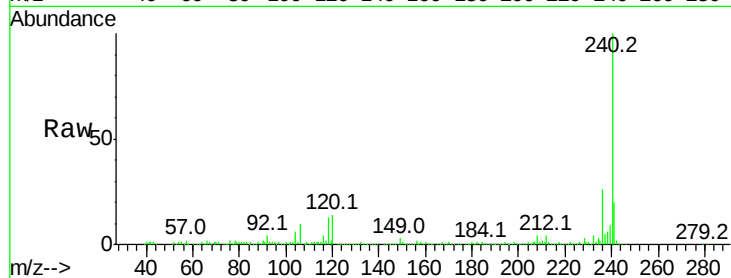
ClientSampled :

PI-1(3)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	275184		
120	14.4	5.8	8.8#	
236	26.4	20.5	30.7	

Manual Integrations
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#77

Pyrene

Concen: 2.023 ng

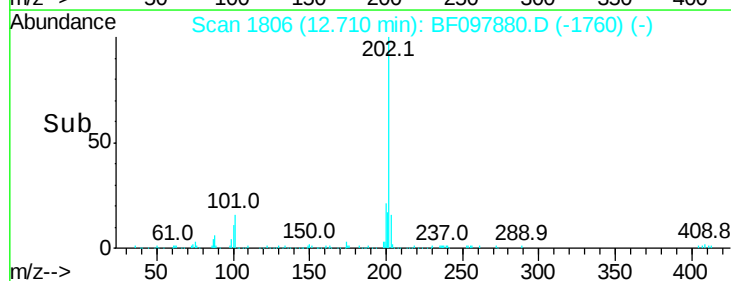
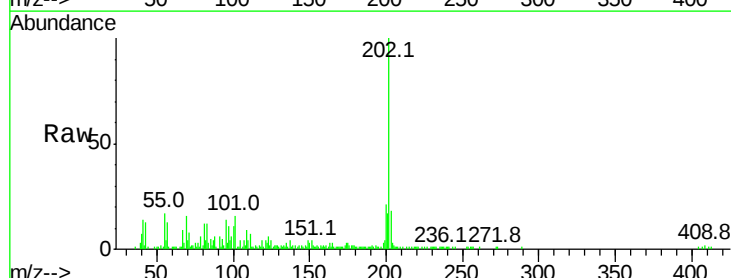
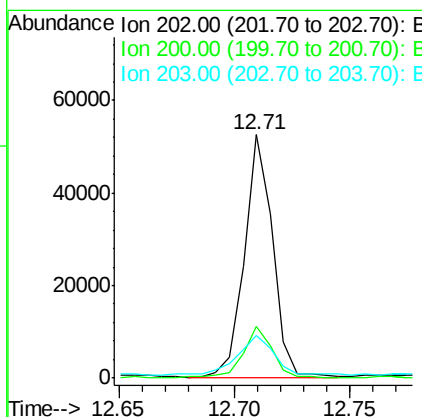
RT: 12.71 min Scan# 1806

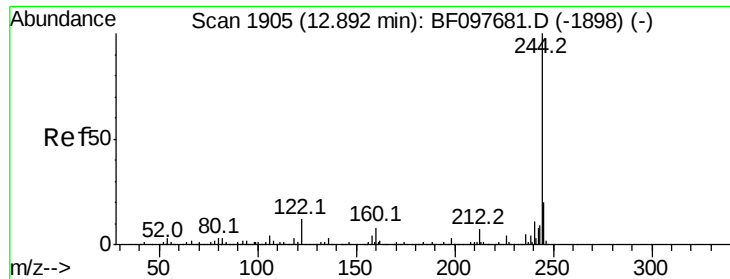
Delta R.T. -0.03 min

Lab File: BF097880.D

Acq: 19 Aug 2017 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	45537		
200	21.1	17.6	26.4	
203	17.6	14.4	21.6	





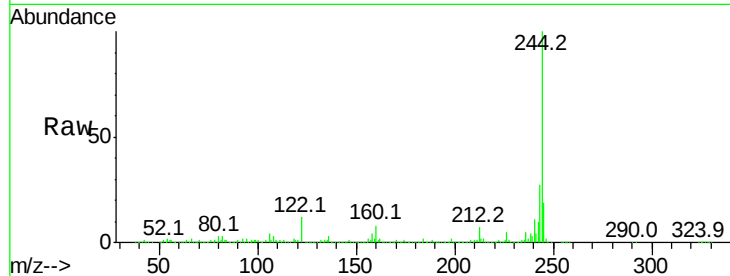
#78
 Terphenyl-d14
 Concen: 84.824 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BF097880.D
 Acq: 19 Aug 2017 15:52

Instrument :
 BNA_F
 ClientSampled :
 PI-1(3)

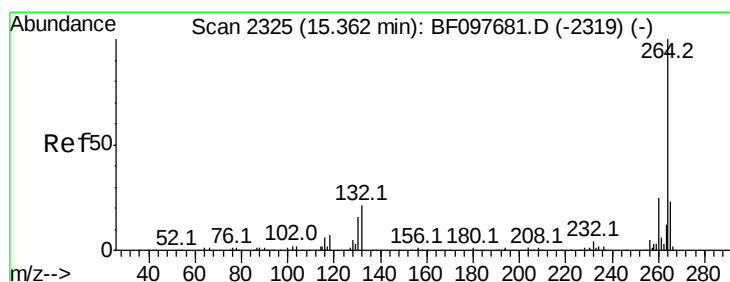
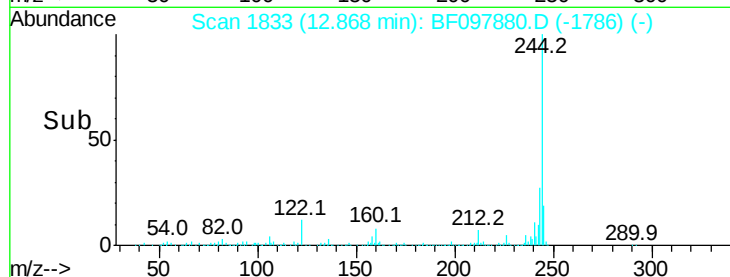
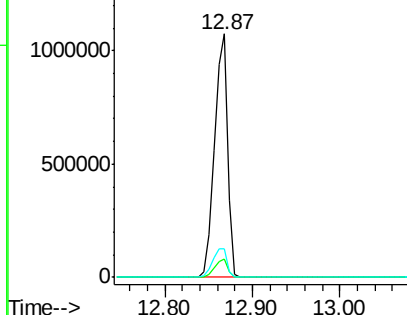
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.0	10.3	15.5

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.04 min
 Lab File: BF097880.D
 Acq: 19 Aug 2017 15:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.0	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

