

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097554.D
 Acq On : 10 Aug 2017 11:10
 Operator : SJ/JU
 Sample : I4629-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Manual Integrations
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 8/10/2017 6:08:14 PM

Quant Time: Aug 10 15:58:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	110250	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	425611	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	183826	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	263192	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	197650	20.00	ng	-0.02
86) Perylene-d12	14.86	264	173336	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	473677	64.77	ng	-0.01
7) Phenol-d6	6.07	99	376285	45.07	ng	-0.01
23) Nitrobenzene-d5	6.97	82	720001	99.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	192098	132.26	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	1091282	100.75	ng	-0.01
78) Terphenyl-d14	12.48	244	621551	64.12	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.16	163	28531	2.044	ng	# 71
51) Acenaphthene	9.46	154	29763	2.849	ng	99
57) Fluorene	9.97	166	46771	4.472	ng	# 99

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

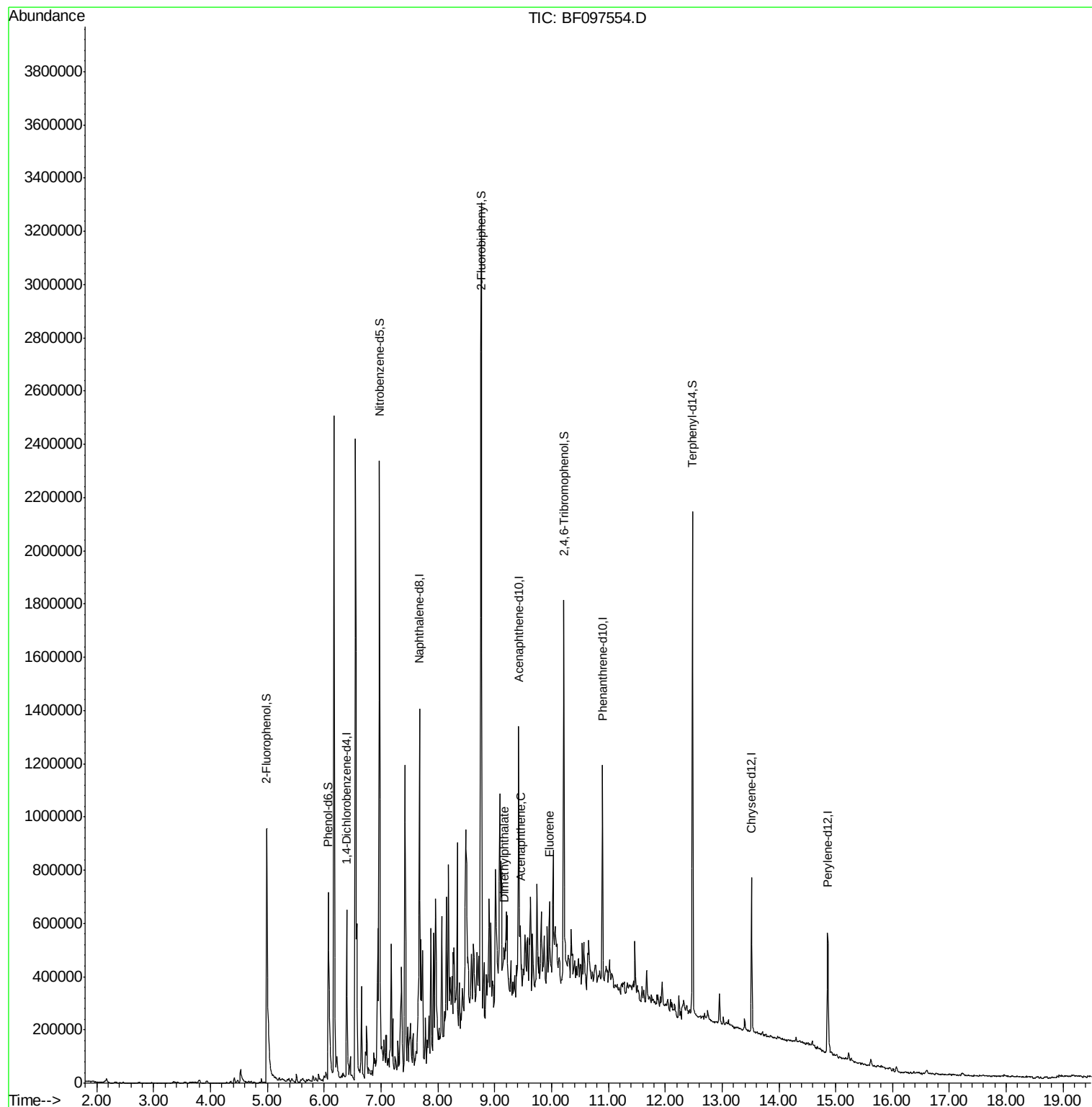
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097554.D
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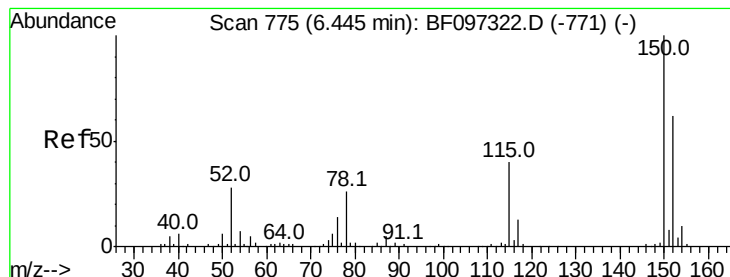
Instrument :
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RW-1

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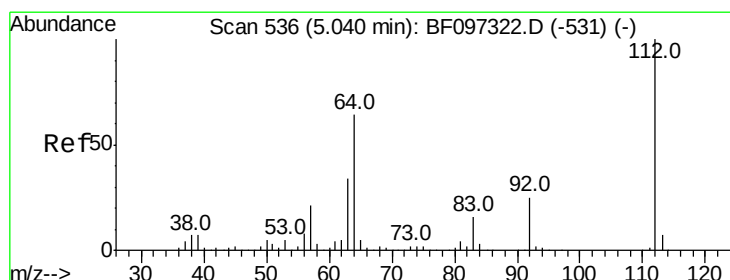
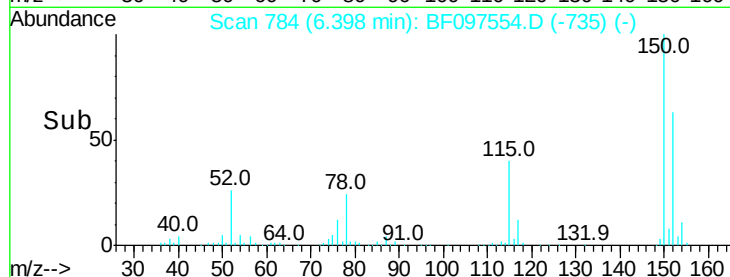
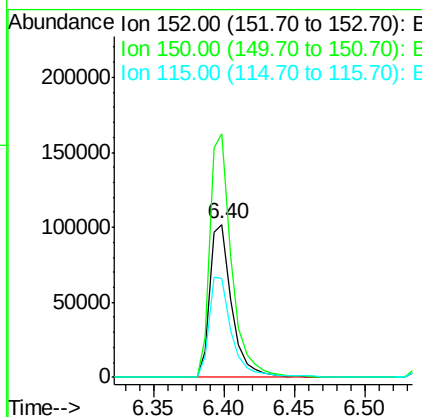
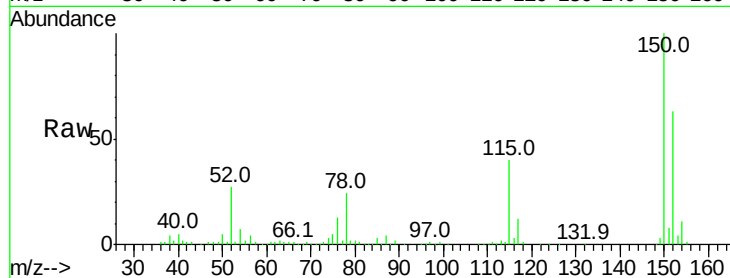
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF097554.D
 Acq: 10 Aug 2017 11:10

Instrument :
 BNA_F
 ClientSampled :
 RW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	64.3	52.2	78.2

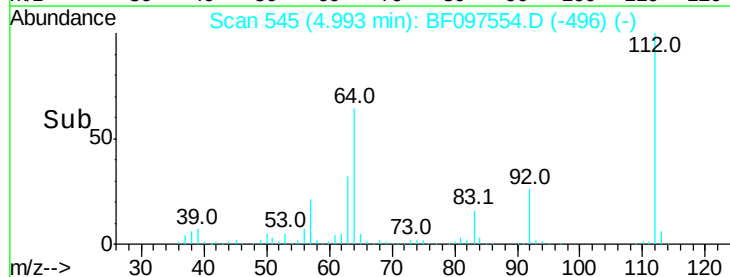
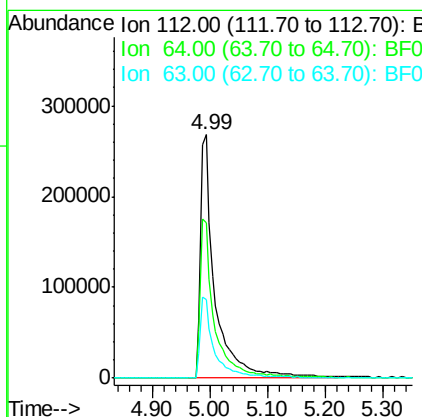
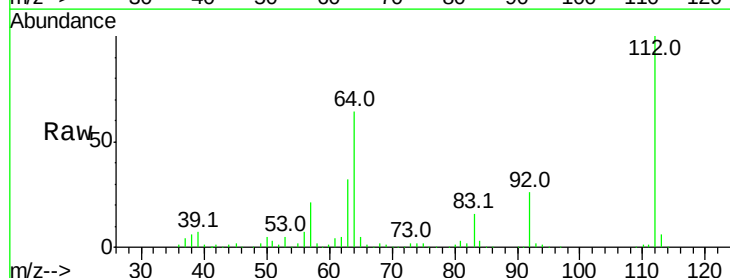
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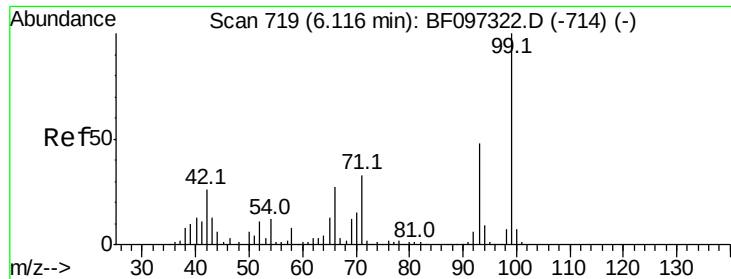
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#5
 2-Fluorophenol
 Concen: 64.768 ng
 RT: 4.99 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097554.D
 Acq: 10 Aug 2017 11:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.0	69.0
63	32.4	23.4	35.0





#7

Phenol-d6

Concen: 45.068 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097554.D

Acq: 10 Aug 2017 11:10

Instrument :

BNA_F

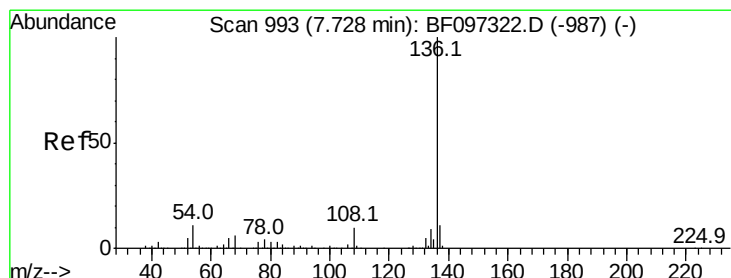
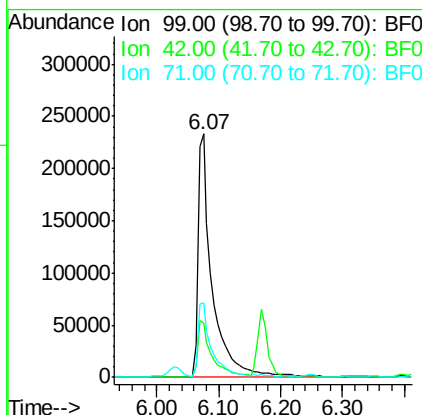
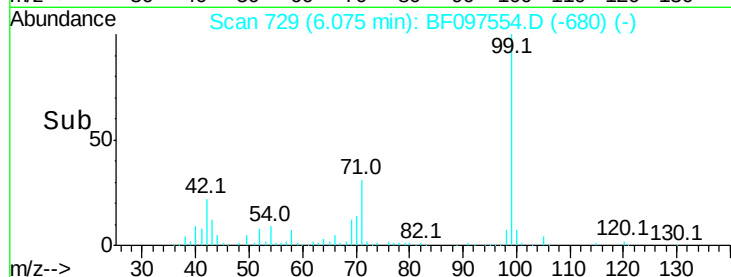
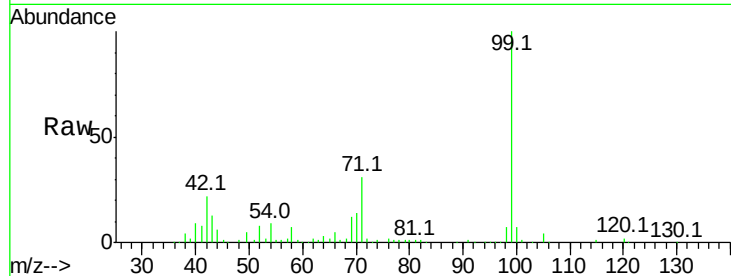
ClientSampleId :

RW-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		376285		
42	22.3	13.5	20.3#		
71	30.8	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

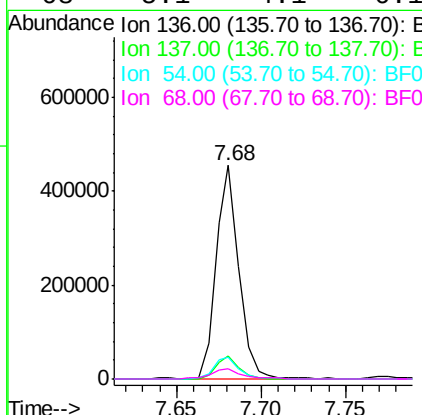
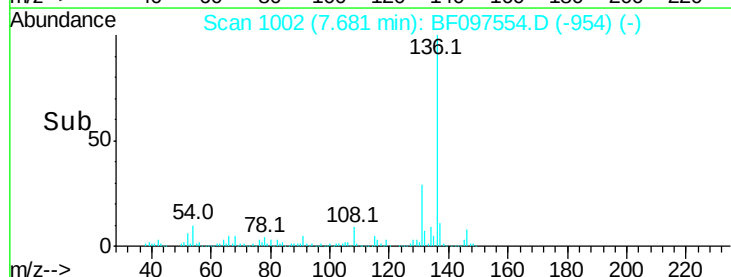
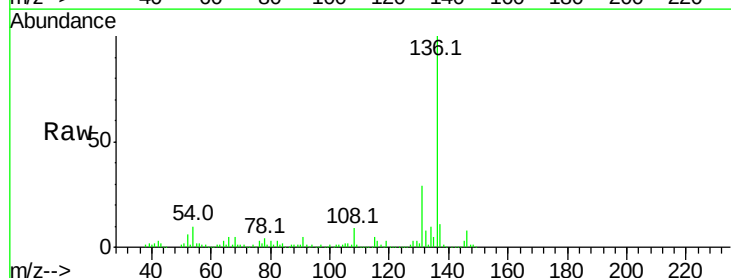
RT: 7.68 min Scan# 1002

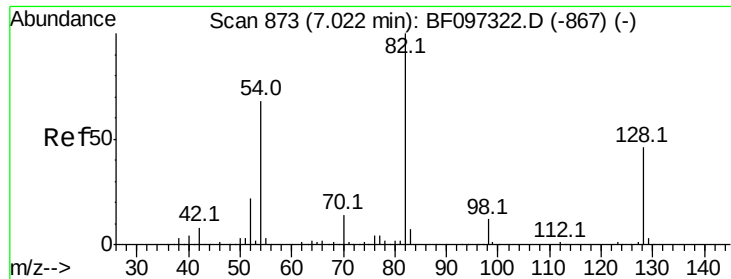
Delta R.T. -0.02 min

Lab File: BF097554.D

Acq: 10 Aug 2017 11:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		425611		
137	10.7	8.5	12.7		
54	10.1	4.9	7.3#		
68	5.1	4.1	6.1		





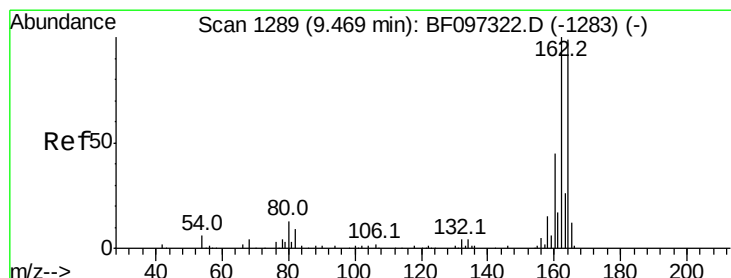
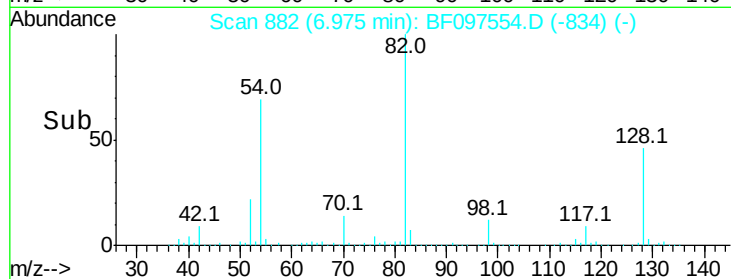
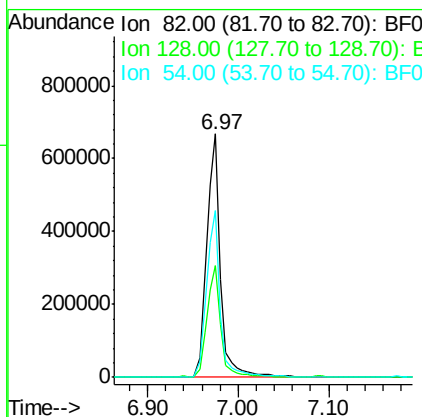
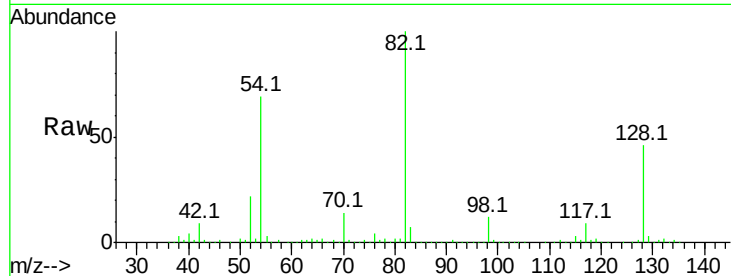
#23
Nitrobenzene-d5
Concen: 99.241 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097554.D
Acq: 10 Aug 2017 11:10

Instrument :
BNA_F
ClientSampled :
RW-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	34.0	51.0	
54	68.7	42.2	63.2	

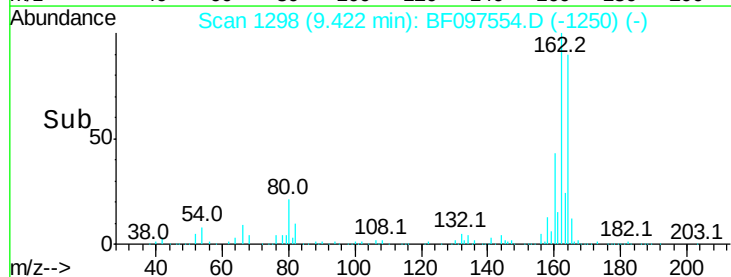
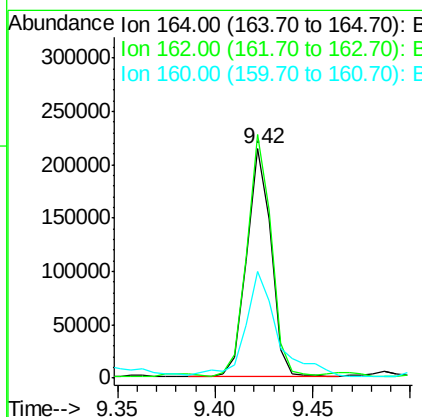
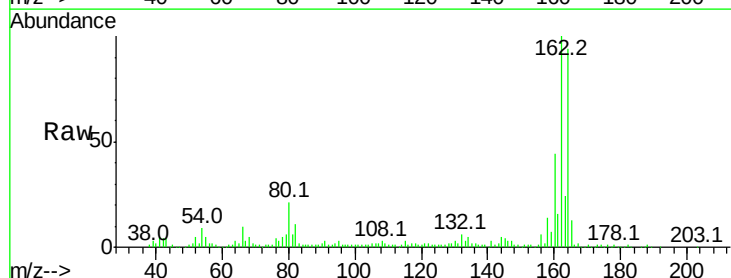
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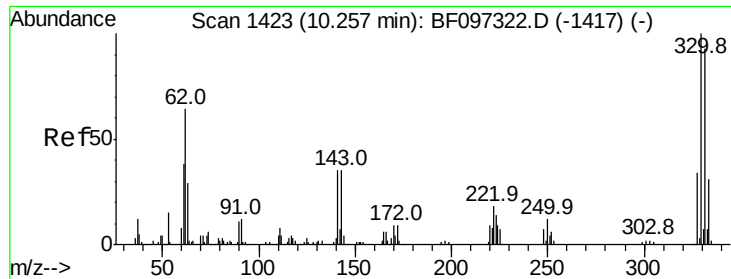
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF097554.D
Acq: 10 Aug 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.2	82.6	123.8	
160	46.3	36.2	54.2	





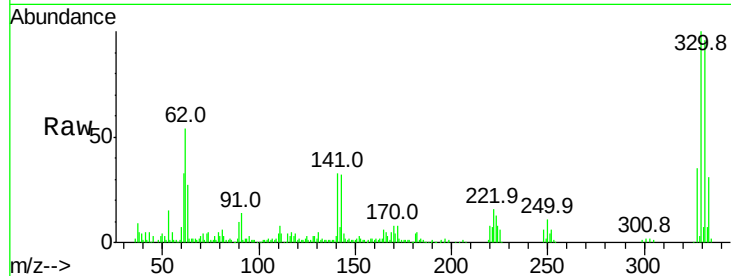
#41
 2,4,6-Tribromophenol
 Concen: 132.262 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097554.D
 Acq: 10 Aug 2017 11:10

Instrument :
 BNA_F
 ClientSampled :
 RW-1

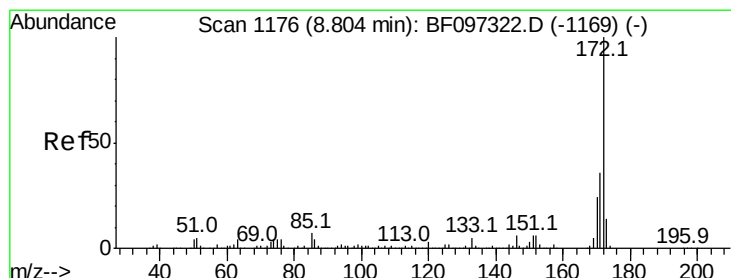
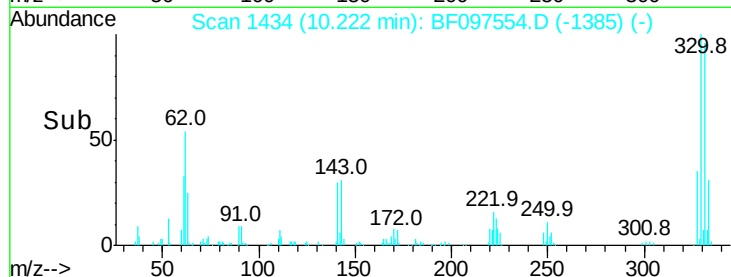
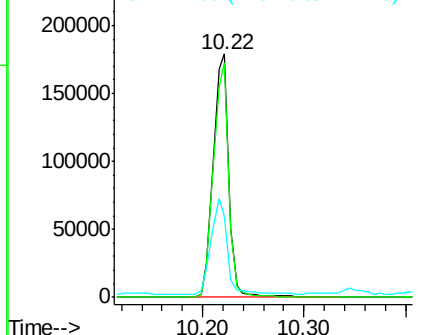
Tot Ion	Ratio	Resp	Lower	Upper
330	100	192098		
332	95.0	76.6	115.0	
141	41.8	31.4	47.2	

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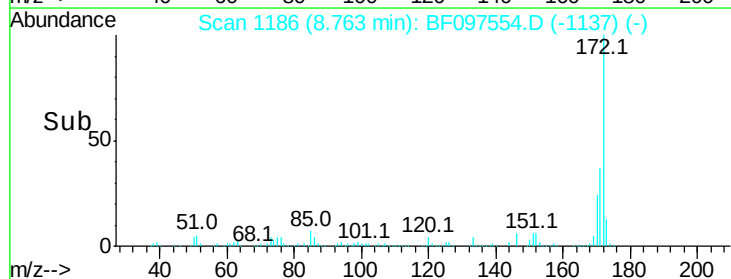
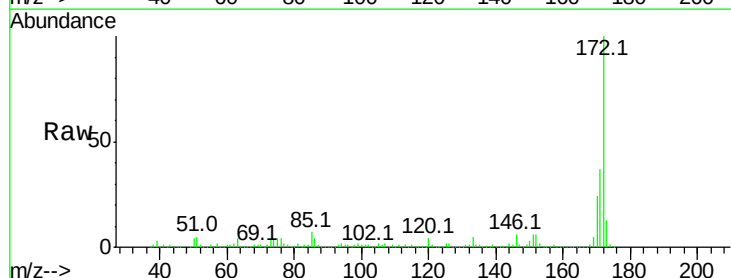
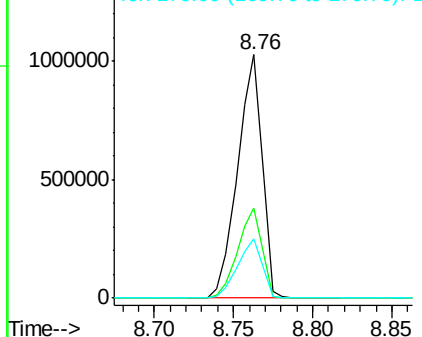
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

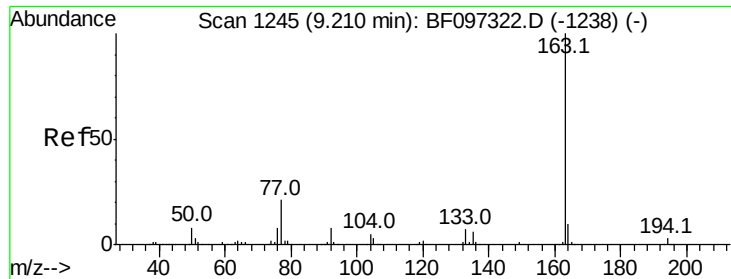


#44
 2-Fluorobiphenyl
 Concen: 100.748 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097554.D
 Acq: 10 Aug 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1091282		
171	36.7	29.6	44.4	
170	24.2	19.8	29.8	

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





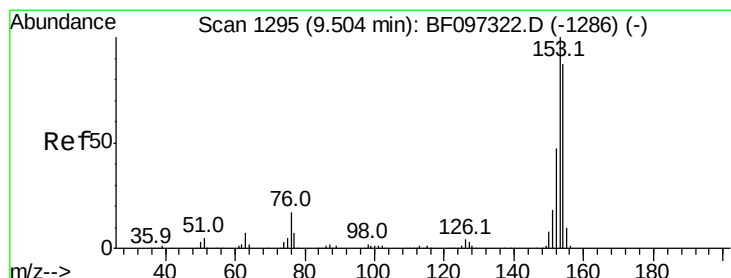
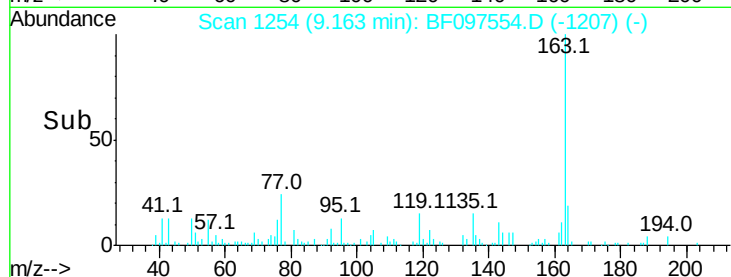
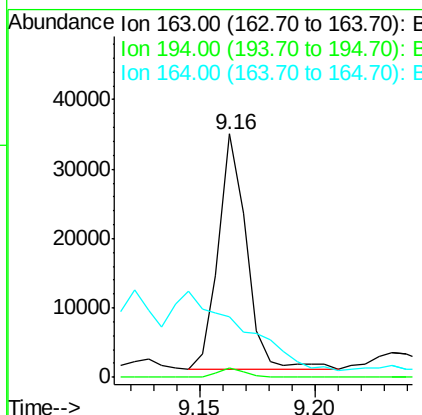
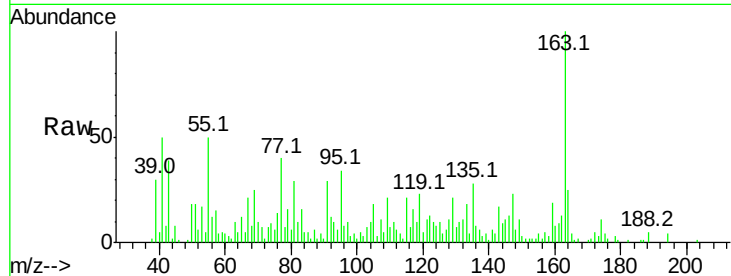
#49
Dimethylphthalate
Concen: 2.044 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097554.D
Acq: 10 Aug 2017 11:10

Instrument :
BNA_F
ClientSampleId :
RW-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	28531		
194	3.7	2.6	4.0	
164	24.8	8.4	12.6	

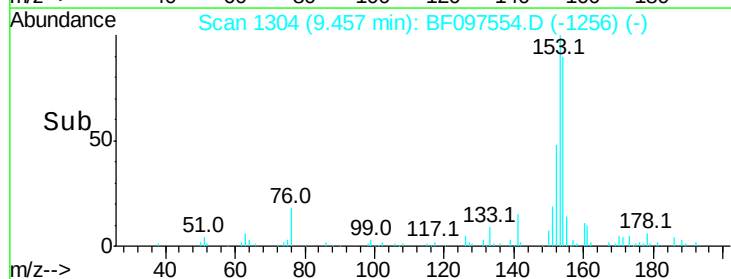
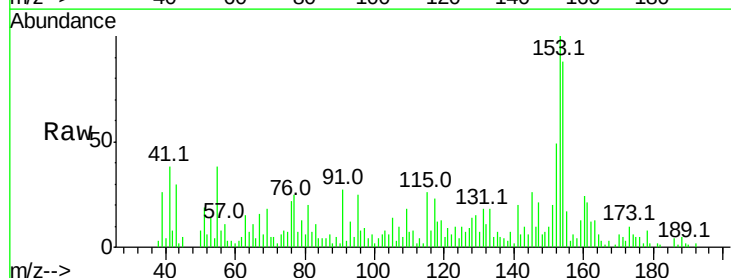
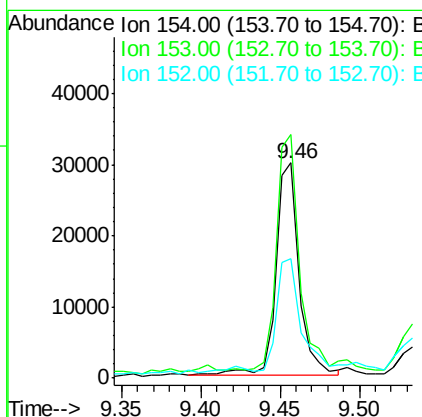
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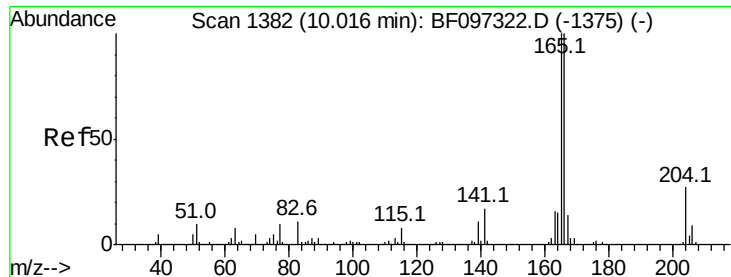
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#51
Acenaphthene
Concen: 2.849 ng
RT: 9.46 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF097554.D
Acq: 10 Aug 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	29763		
153	113.3	90.5	135.7	
152	55.4	43.6	65.4	





#57

Fluorene

Concen: 4.472 ng

RT: 9.97 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BF097554.D

Acq: 10 Aug 2017 11:10

Instrument :

BNA_F

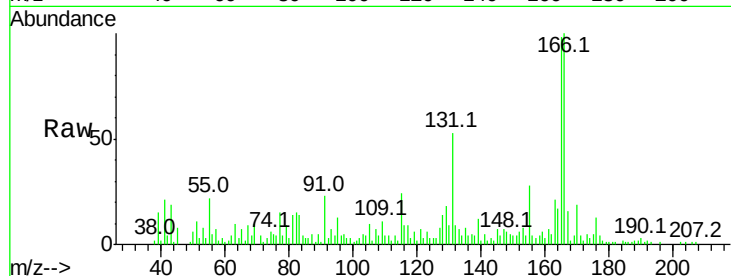
ClientSampled :

RW-1

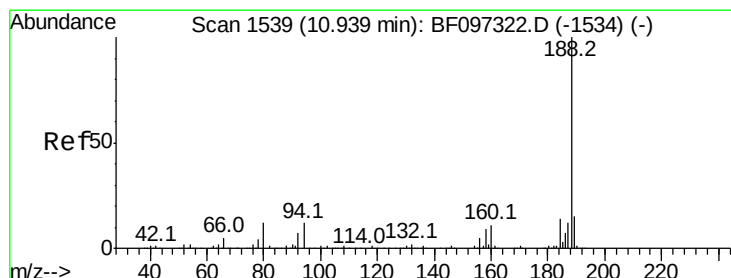
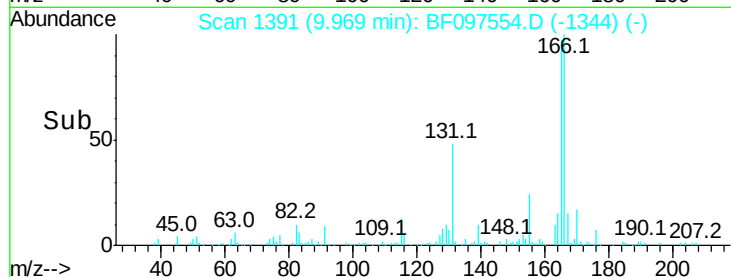
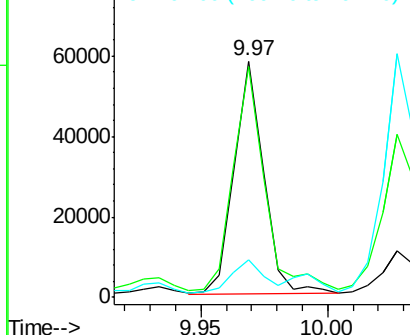
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.8	118.2
167	16.0	10.6	16.0#

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1549

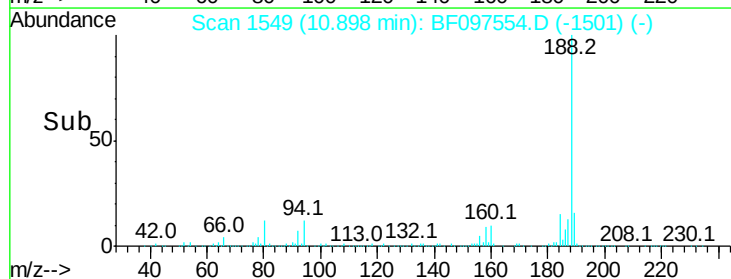
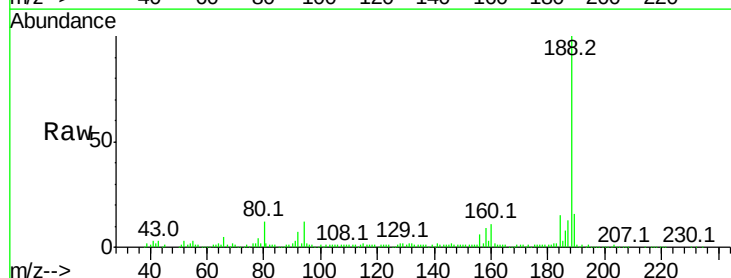
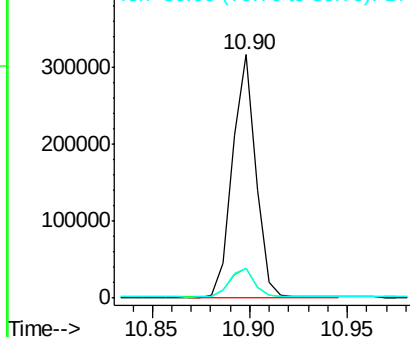
Delta R.T. -0.02 min

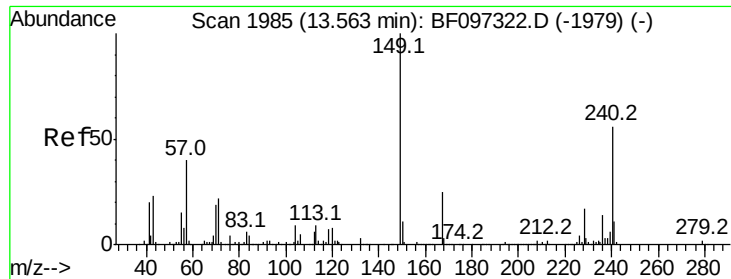
Lab File: BF097554.D

Acq: 10 Aug 2017 11:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	12.1	10.2	15.2

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097554.D

Acq: 10 Aug 2017 11:10

Instrument :

BNA_F

ClientSampleId :

RW-1

Tot Ion:240 Resp: 197650

Ion Ratio Lower Upper

240 100

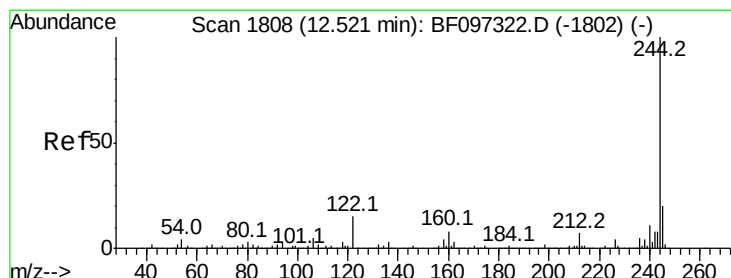
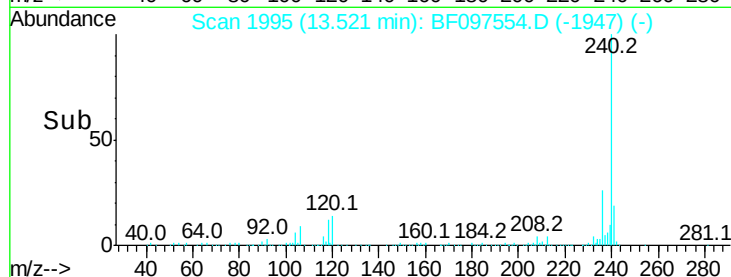
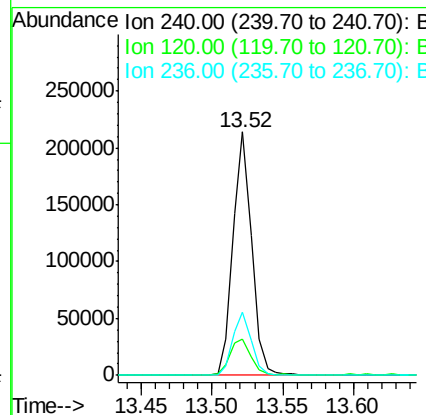
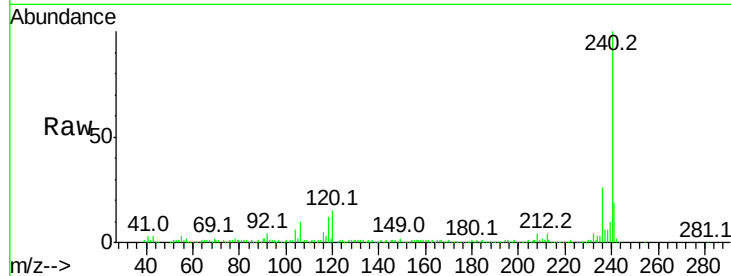
120 14.9 5.8 8.8#

236 25.8 20.5 30.7

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#78

Terphenyl-d14

Concen: 64.116 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097554.D

Acq: 10 Aug 2017 11:10

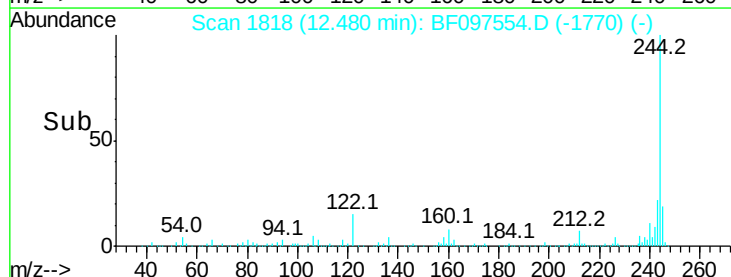
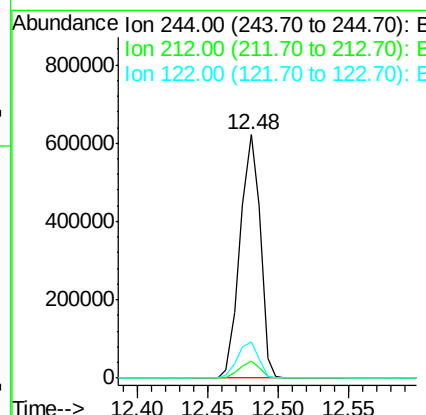
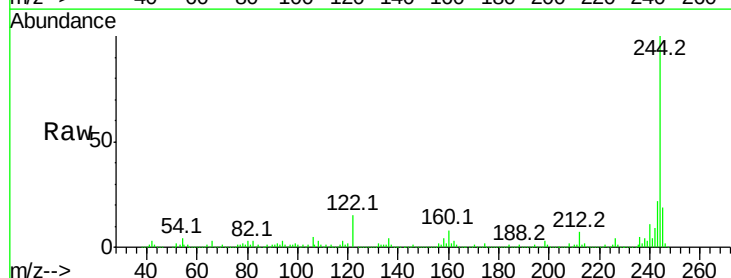
Tgt Ion:244 Resp: 621551

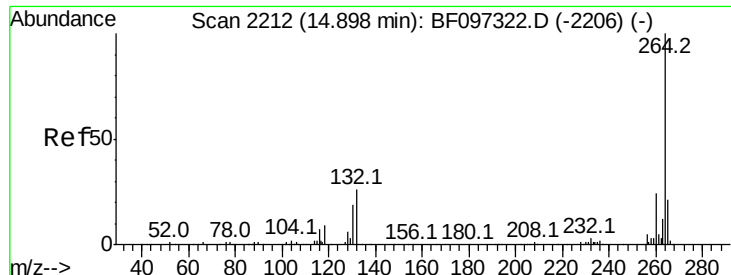
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 15.1 10.3 15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097554.D
Acq: 10 Aug 2017 11:10

Instrument :
BNA_F
ClientSampleId :
RW-1

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.2	25.8

Manual Integrations
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