

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097102.D
 Acq On : 27 Jul 2017 3:43
 Operator : SJ/JU
 Sample : I4414-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-072417

Manual Integrations
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Sohil
 7/27/2017 12:31:39 PM

Quant Time: Jul 27 09:31:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	89192	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	362925	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	139820	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	202975	20.00	ng	0.00
75) Chrysene-d12	13.63	240	180112	20.00	ng	0.00
86) Perylene-d12	14.98	264	130327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	638403	107.90	ng	0.00
7) Phenol-d6	6.16	99	759833	112.49	ng	-0.01
23) Nitrobenzene-d5	7.06	82	430979	69.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	114881	103.99	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	628600	76.30	ng	-0.01
78) Terphenyl-d14	12.59	244	465609	52.71	ng	0.00
Target Compounds						
10) Phenol	6.17	94	26527	3.311	ng	95
49) Dimethylphthalate	9.26	163	77726	7.320	ng	99
74) Fluoranthene	12.20	202	34398	3.229	ng	94
77) Pyrene	12.43	202	32296	2.190	ng	98

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

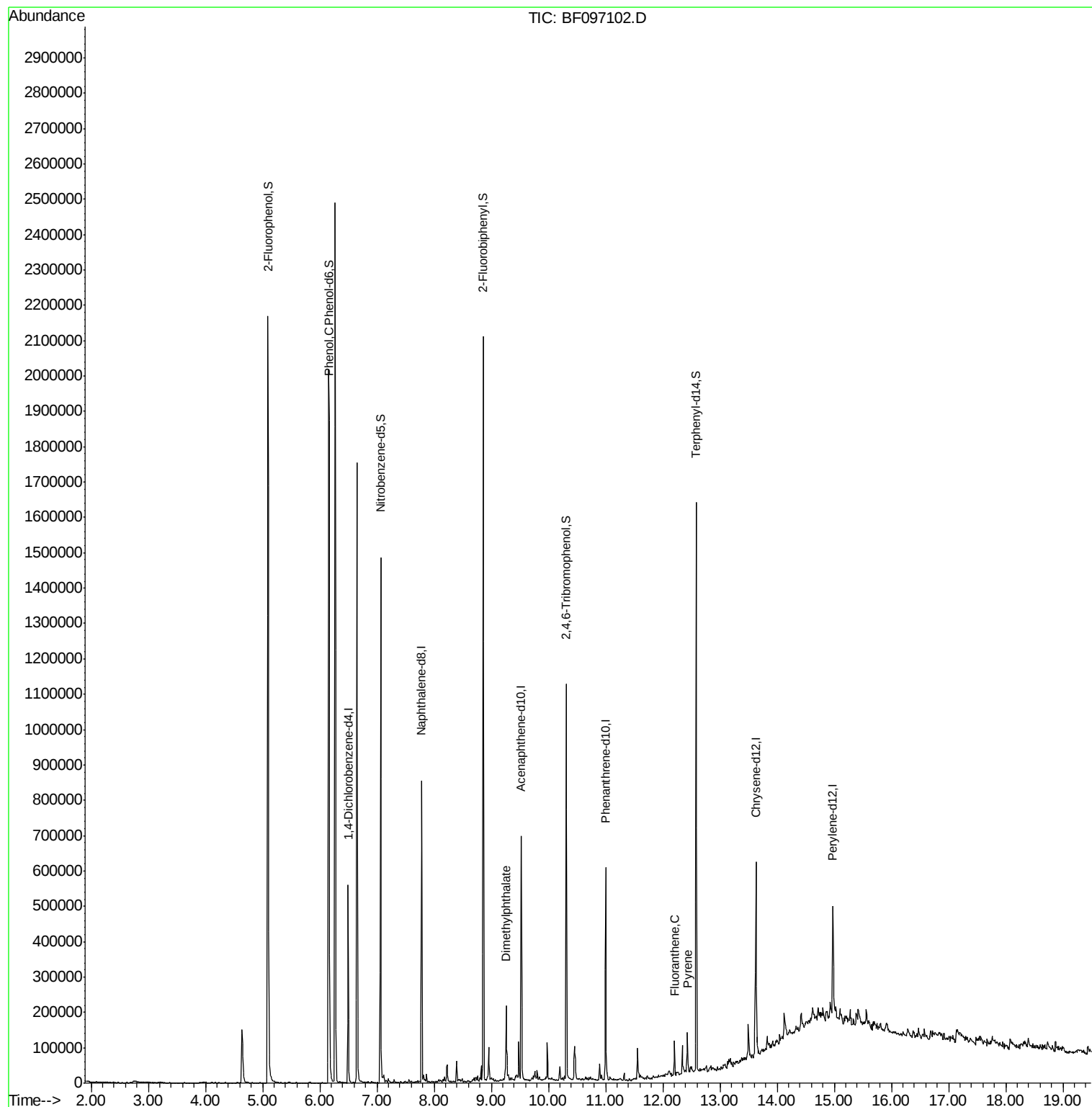
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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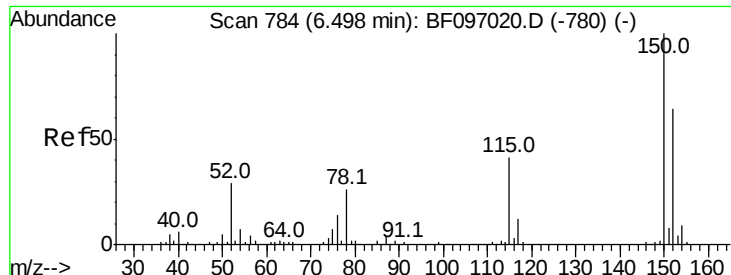
Instrument :
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#1

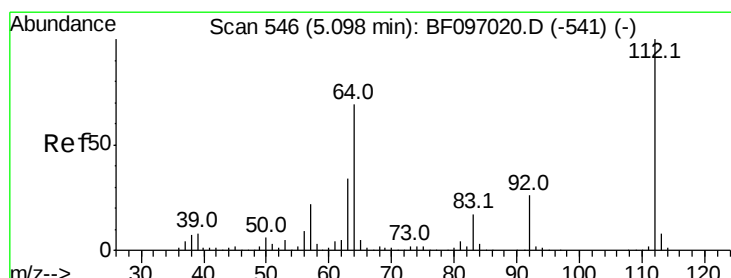
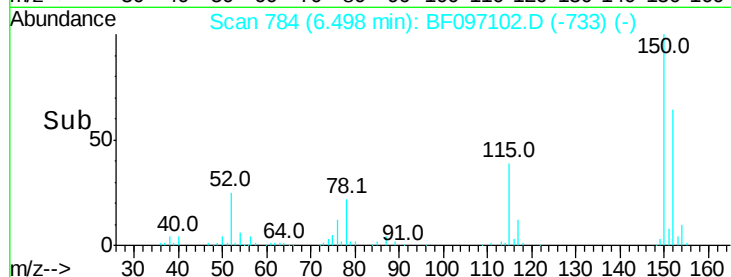
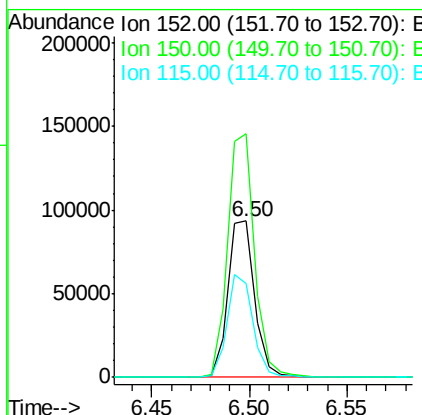
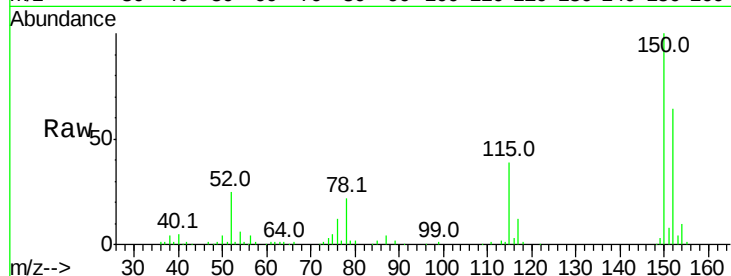
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097102.D
Acq: 27 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
OR-03-072417

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	60.1	52.2	78.2

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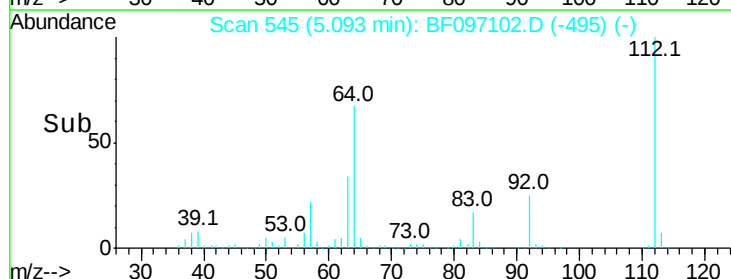
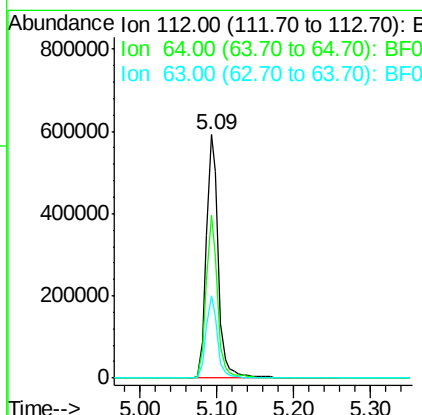
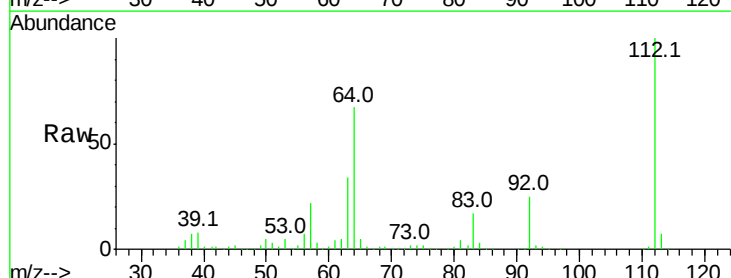
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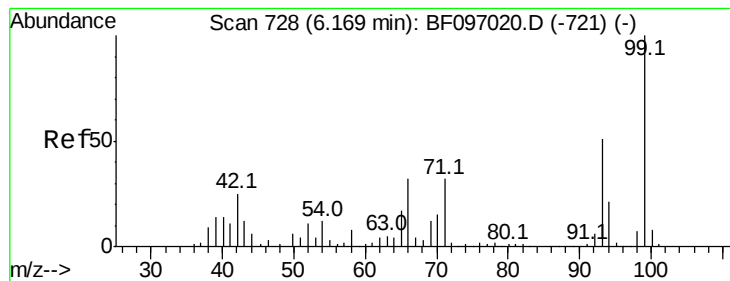


#5

2-Fluorophenol
Concen: 107.900 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097102.D
Acq: 27 Jul 2017 3:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	46.0	69.0
63	33.6	23.4	35.0





#7

Phenol-d6

Concen: 112.493 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097102.D

Acq: 27 Jul 2017 3:43

Instrument :

BNA_F

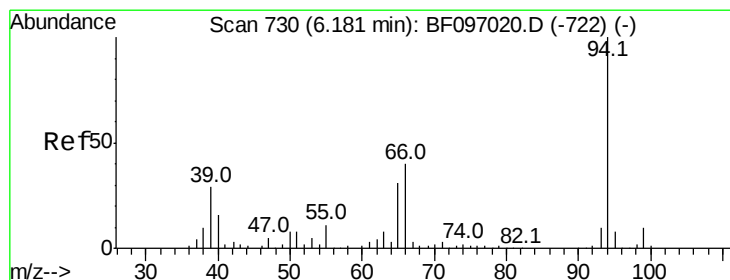
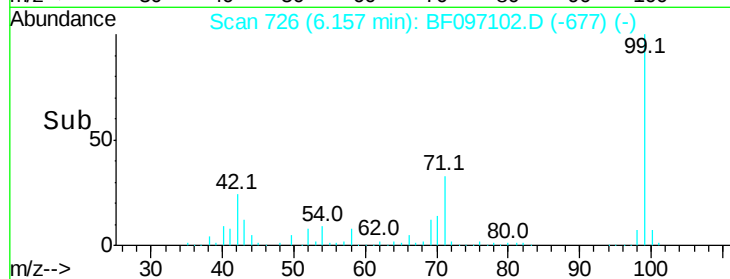
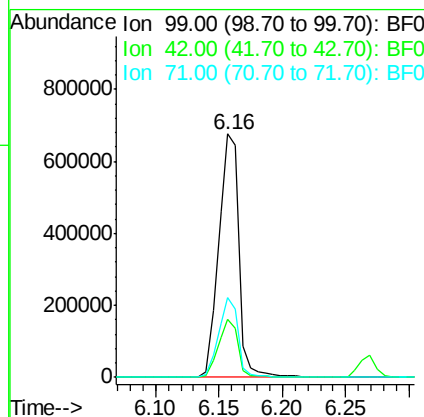
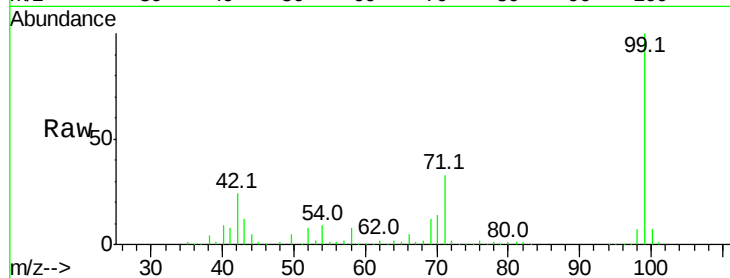
ClientSampleId :

OR-03-072417

Tot Ion:	99	Resp:	759833
Ion Ratio	Lower	Upper	
99	100		
42	23.8	13.5	20.3#
71	32.6	24.5	36.7

Manual Integrations
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#10

Phenol

Concen: 3.311 ng

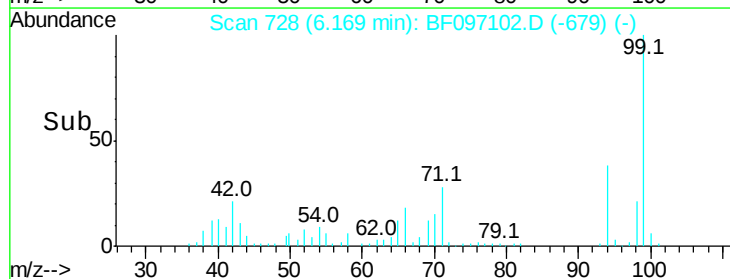
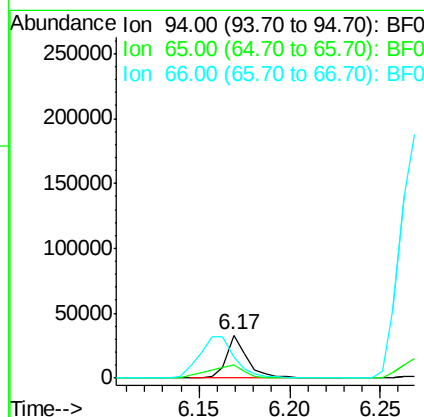
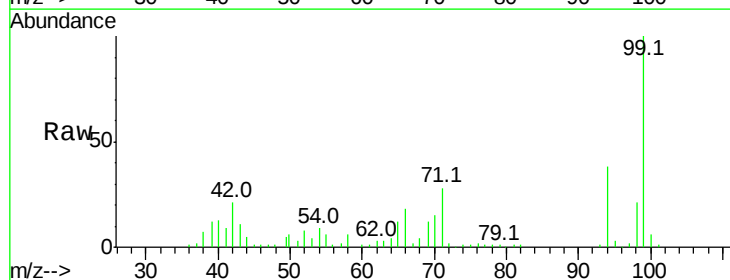
RT: 6.17 min Scan# 728

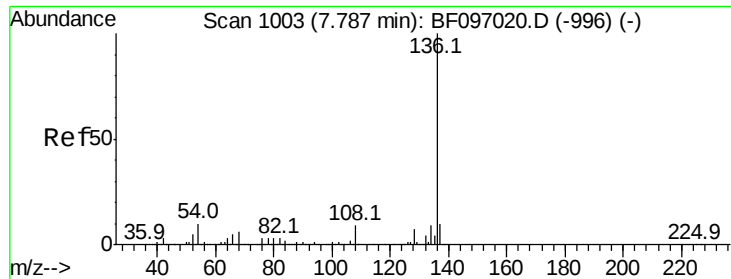
Delta R.T. -0.01 min

Lab File: BF097102.D

Acq: 27 Jul 2017 3:43

Tgt Ion:	94	Resp:	26527
Ion Ratio	Lower	Upper	
94	100		
65	31.1	9.9	49.9
66	47.4	23.1	63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097102.D

Acq: 27 Jul 2017 3:43

Instrument :

BNA_F

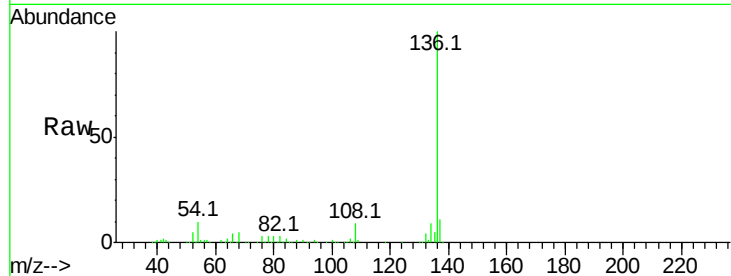
ClientSampleId :

OR-03-072417

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	9.6	4.9	7.3	
68	5.0	4.1	6.1	

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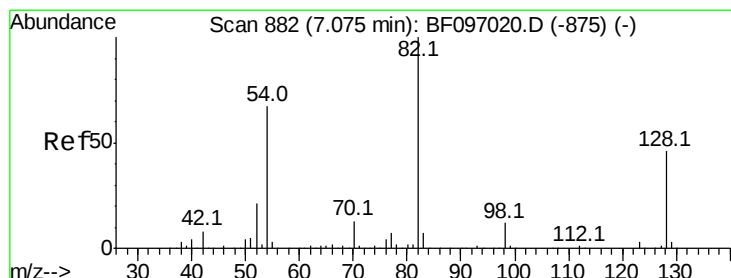
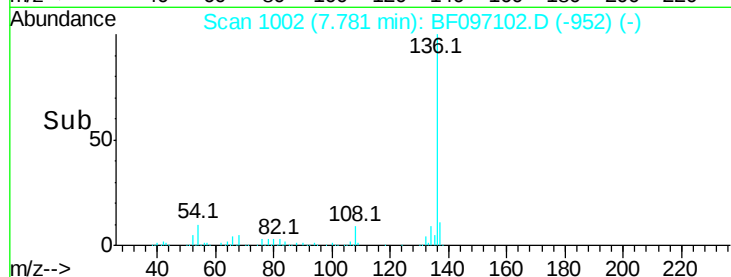
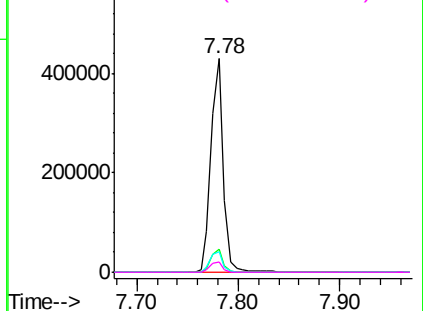


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.664 ng

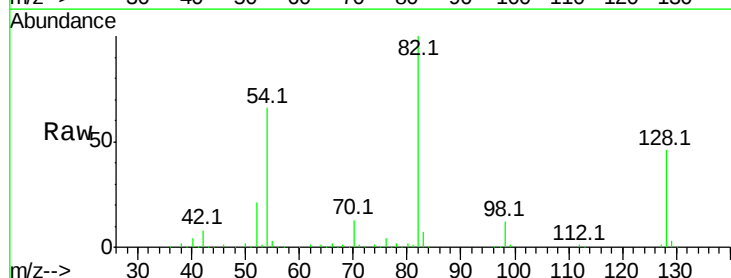
RT: 7.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF097102.D

Acq: 27 Jul 2017 3:43

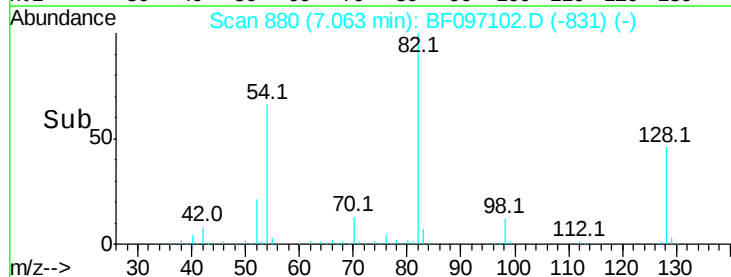
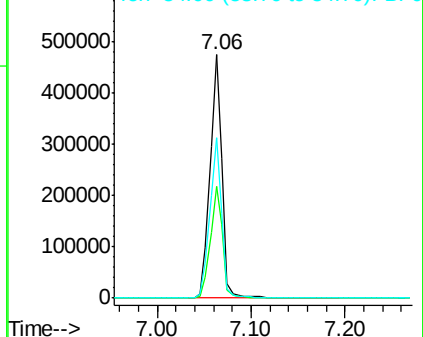
Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	34.0	51.0	
54	66.0	42.2	63.2	



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





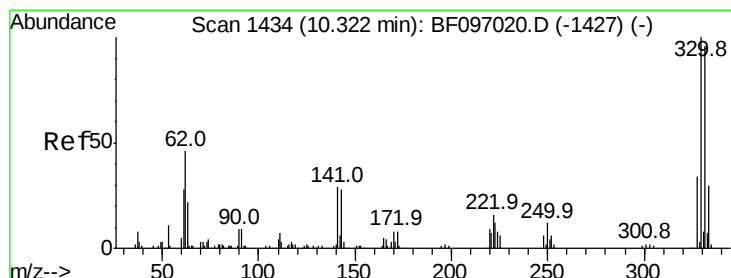
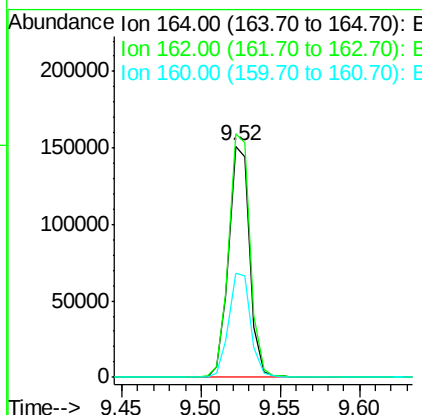
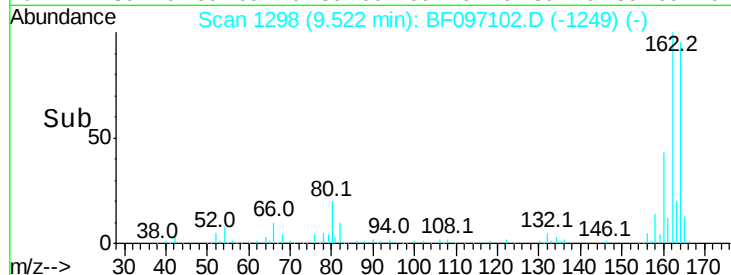
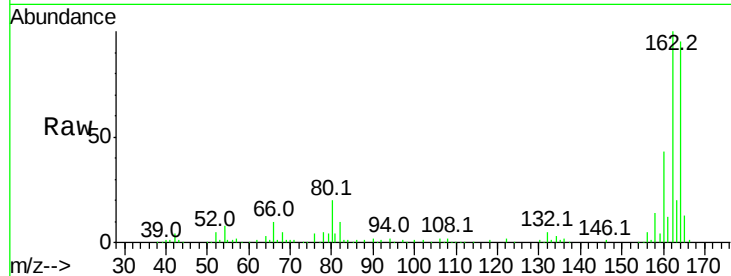
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097102.D
 Acq: 27 Jul 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-072417

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	82.6	123.8	
160	45.0	36.2	54.2	

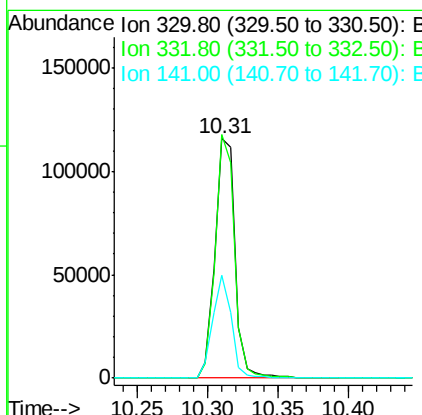
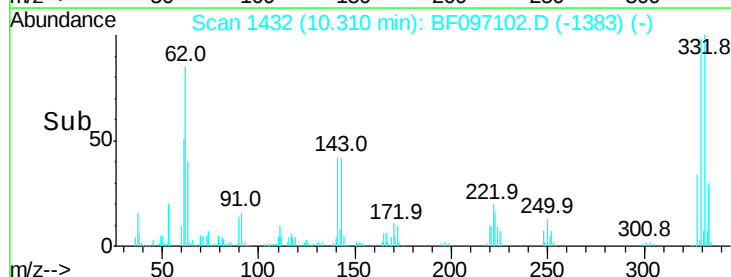
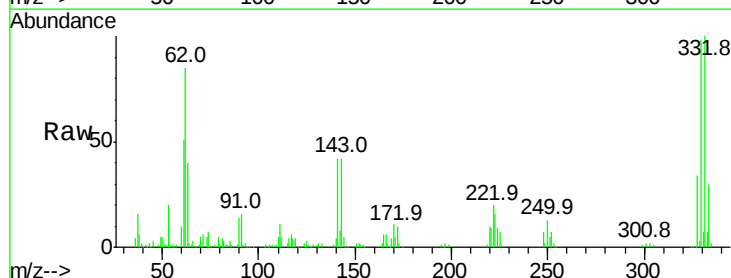
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#41
 2,4,6-Tribromophenol
 Concen: 103.992 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097102.D
 Acq: 27 Jul 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	76.6	115.0	
141	39.9	31.4	47.2	





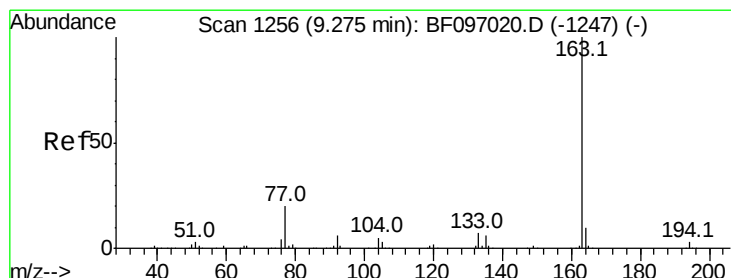
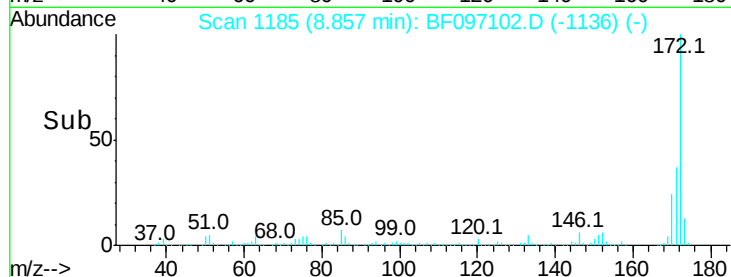
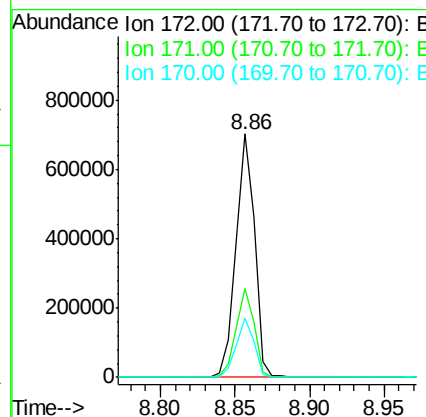
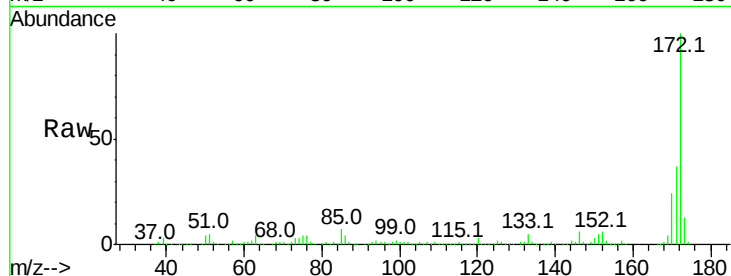
#44
2-Fluorobiphenyl
Concen: 76.298 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097102.D
Acq: 27 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
OR-03-072417

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.6	44.4	
170	24.4	19.8	29.8	

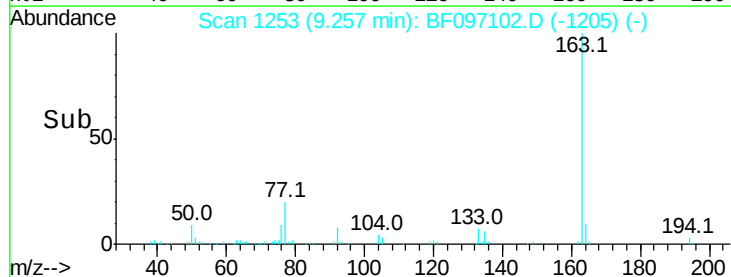
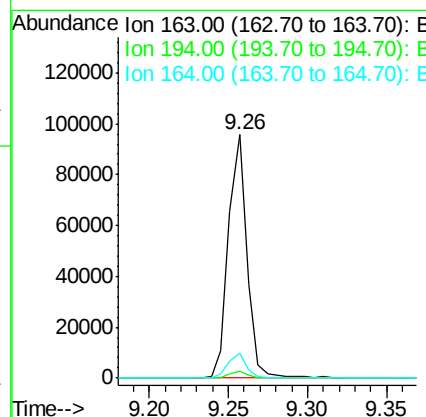
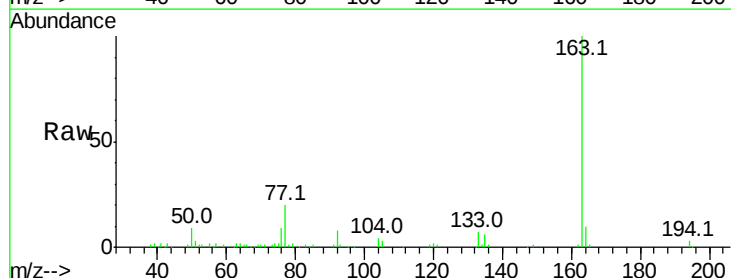
Manual Integrations
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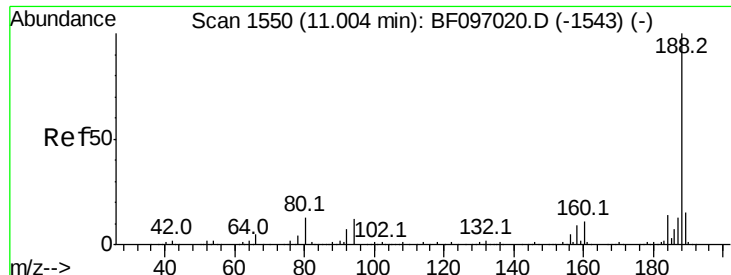
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#49
Dimethylphthalate
Concen: 7.320 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097102.D
Acq: 27 Jul 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	2.9	2.6	4.0	
164	10.2	8.4	12.6	





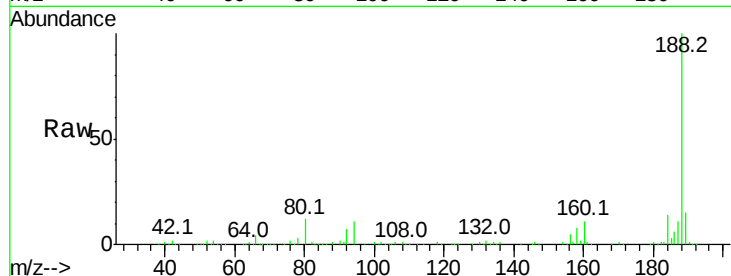
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097102.D
Acq: 27 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
OR-03-072417

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.4	9.4	14.2	
80	11.7	10.2	15.2	

Manual Integrations
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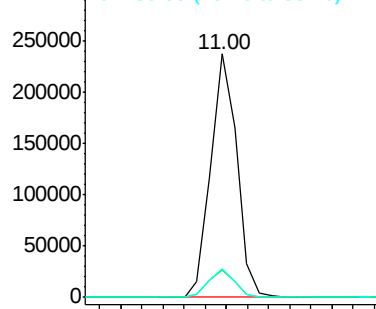
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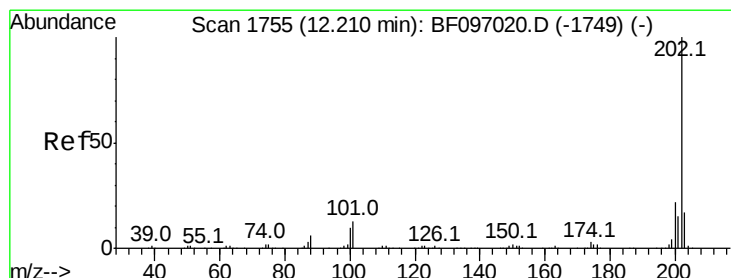
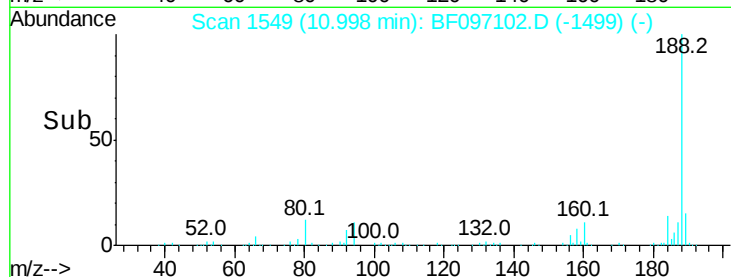
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

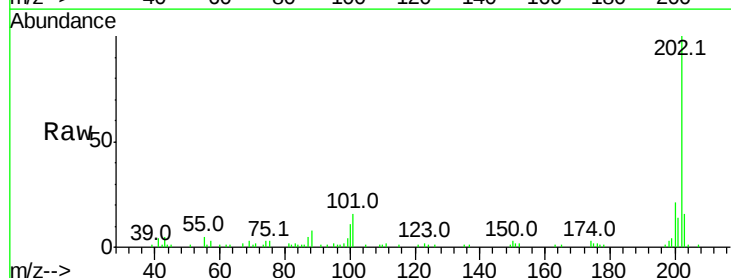


Time-->



#74
Fluoranthene
Concen: 3.229 ng
RT: 12.20 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF097102.D
Acq: 27 Jul 2017 3:43

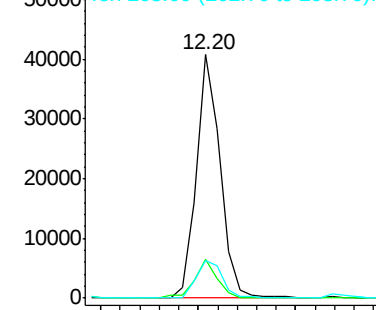
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	15.9	0.0	33.2	
203	15.7	0.0	38.1	



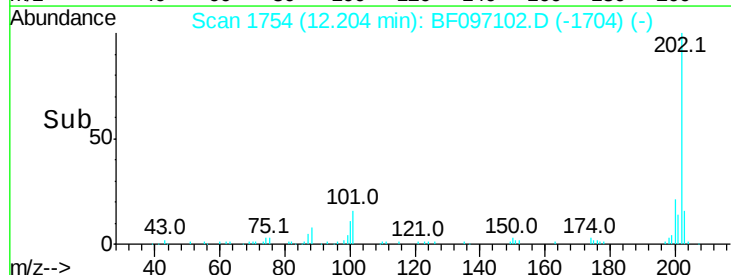
Abundance Ion 202.00 (201.70 to 202.70): E

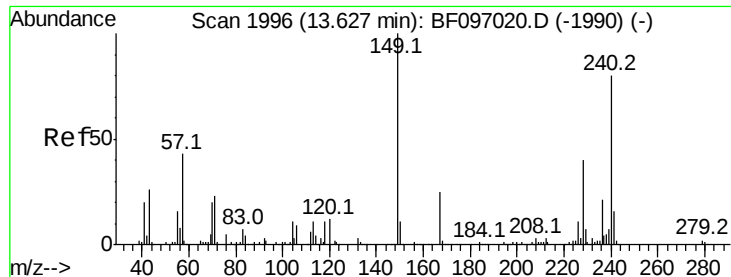
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097102.D

Acq: 27 Jul 2017 3:43

Instrument :

BNA_F

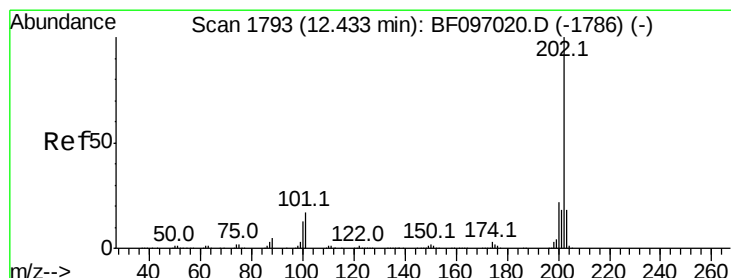
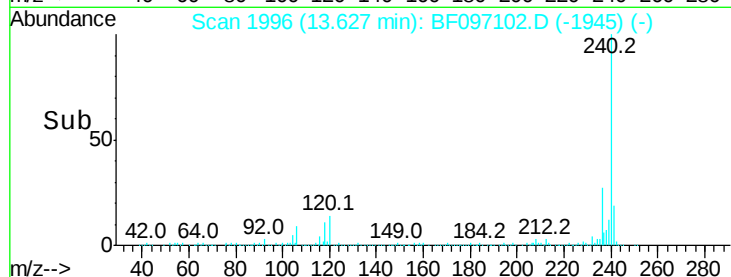
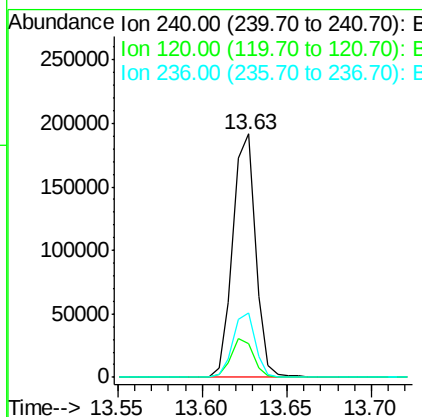
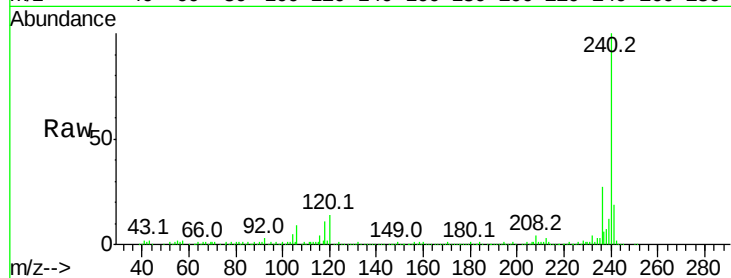
ClientSampleId :

OR-03-072417

Tot Ion:	240	Resp:	180112
Ion Ratio		Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	26.7	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 2.190 ng

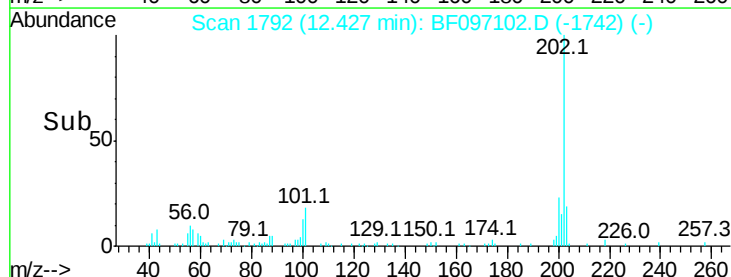
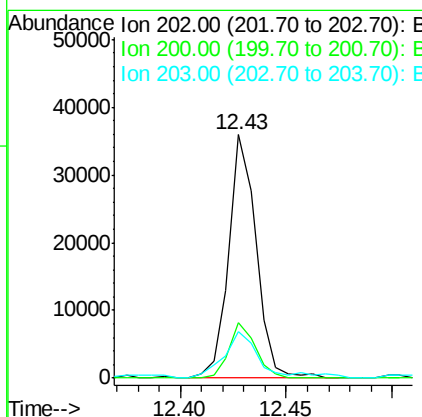
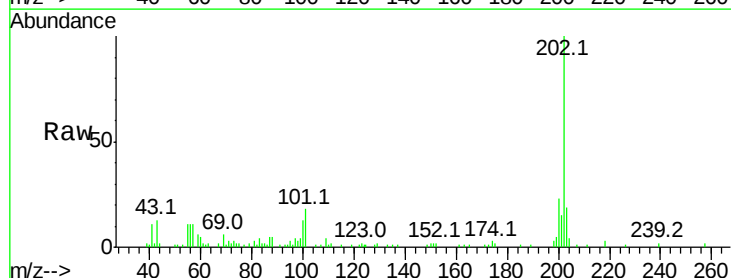
RT: 12.43 min Scan# 1792

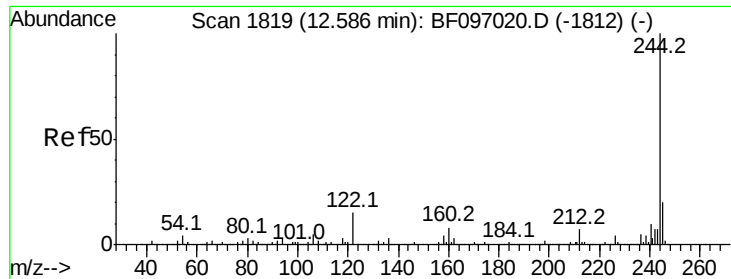
Delta R.T. -0.01 min

Lab File: BF097102.D

Acq: 27 Jul 2017 3:43

Tgt Ion:	202	Resp:	32296
Ion Ratio		Lower	Upper
202	100		
200	22.5	17.6	26.4
203	19.0	14.4	21.6





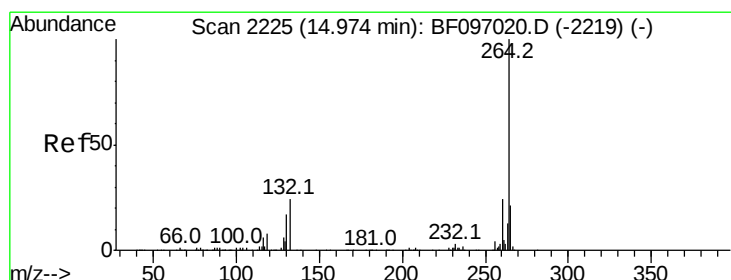
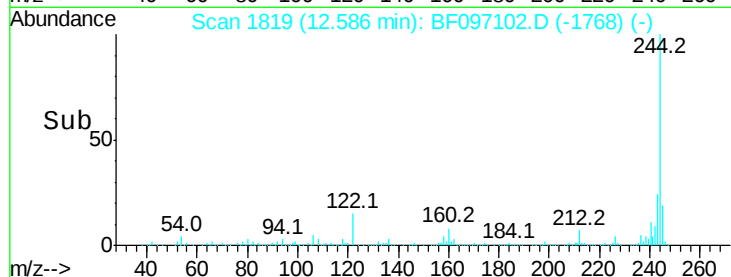
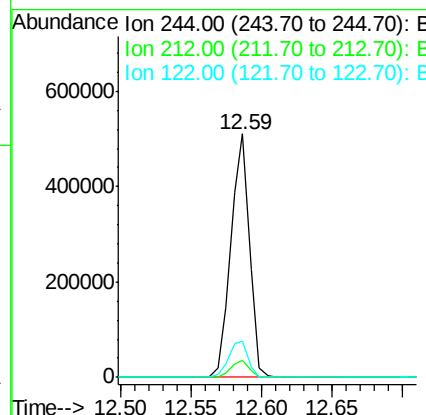
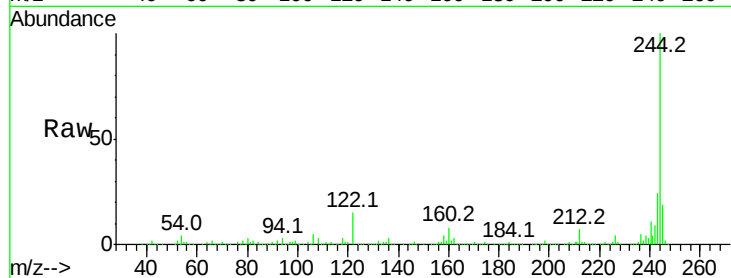
#78
 Terphenyl-d14
 Concen: 52.707 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF097102.D
 Acq: 27 Jul 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-072417

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.7	10.3	15.5

Manual Integrations
 APPROVED

Sohil
 7/27/2017 12:31:39 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF097102.D
 Acq: 27 Jul 2017 3:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.1	17.2	25.8

