

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097150.D
 Acq On : 28 Jul 2017 13:15
 Operator : SJ/JU
 Sample : I4397-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1B-14.5-15.0-072117

Manual Integrations
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Sohil
 7/31/2017 6:51:38 PM

Quant Time: Jul 28 16:08:37 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	6.49	152	114271	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	490525	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	193043	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	268790	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	205290	20.00	ng	-0.02
86) Perylene-d12	14.96	264	192784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	771214	101.74	ng	-0.01
7) Phenol-d6	6.15	99	899722	103.97	ng	-0.02
23) Nitrobenzene-d5	7.06	82	580529	69.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	147324	96.59	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	816290	71.76	ng	-0.02
78) Terphenyl-d14	12.57	244	475317	47.21	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	59643	5.811	ng	96
49) Dimethylphthalate	9.25	163	219576	14.979	ng	98
70) Phenanthrene	11.01	178	32811	2.278	ng	98
74) Fluoranthene	12.19	202	56537	4.007	ng	97
77) Pyrene	12.42	202	48906	2.910	ng	98
87) Benzo(b)fluoranthene	14.60	252	30374m	2.621	ng	
89) Benzo(a)pyrene	14.90	252	22512	2.123	ng	# 86

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

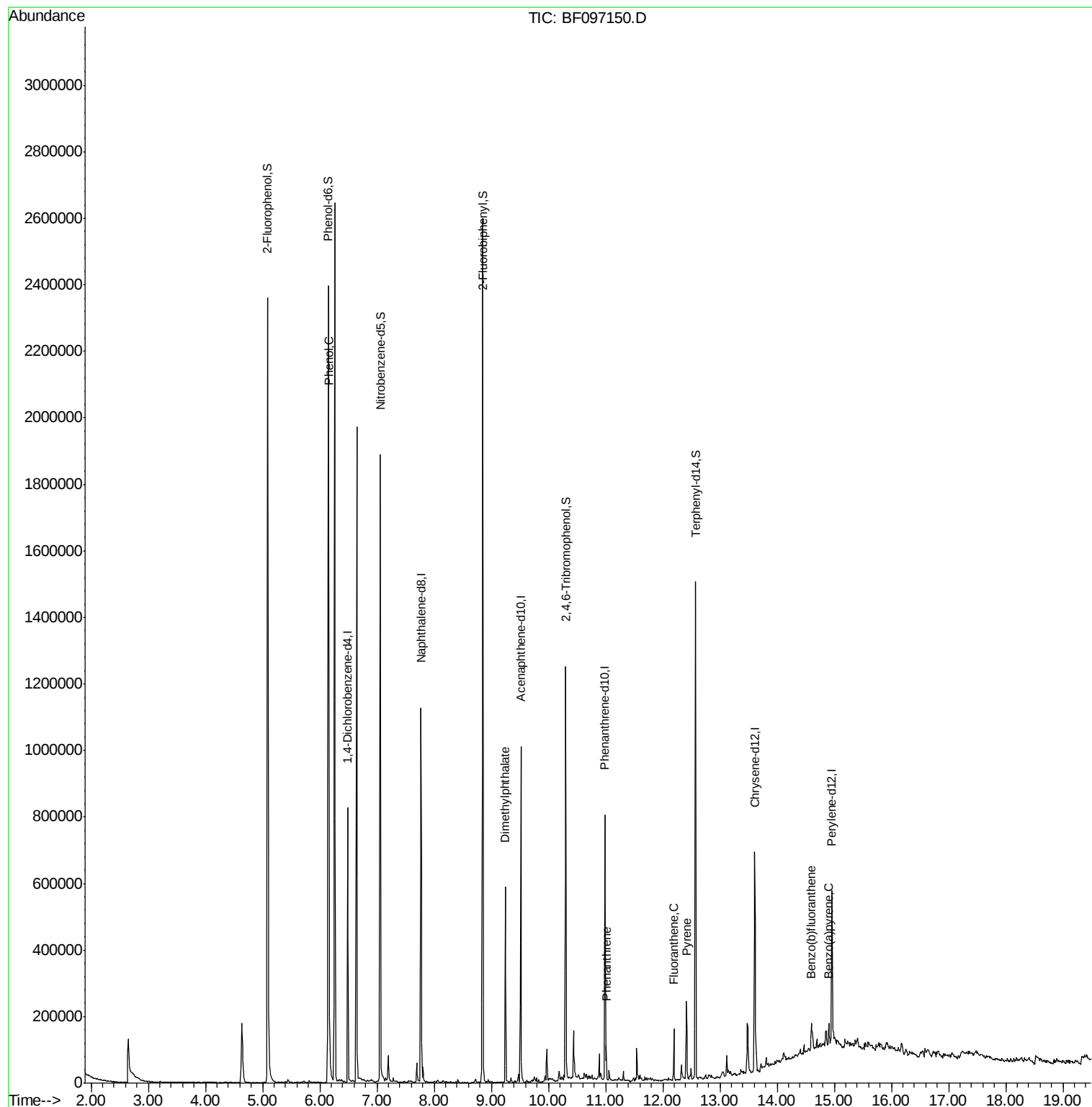
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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Sample : I4397-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

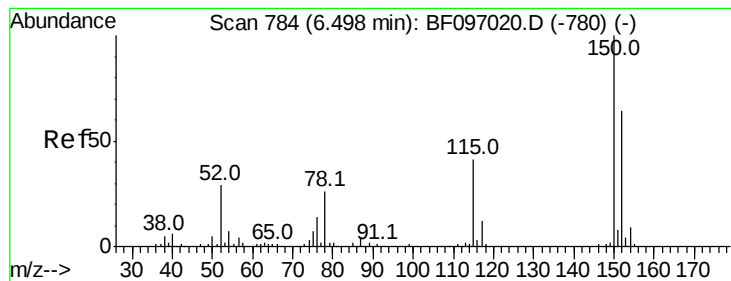
Instrument :
BNA_F
ClientSampleId :
T-1B-14.5-15.0-072117

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#1

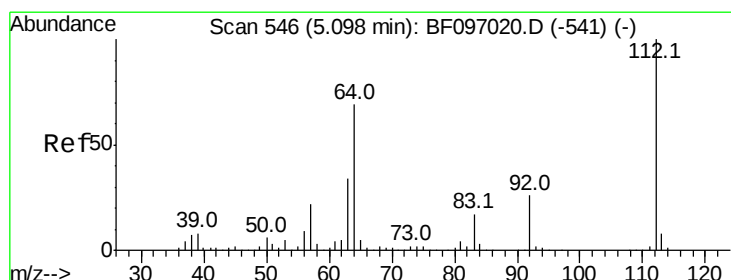
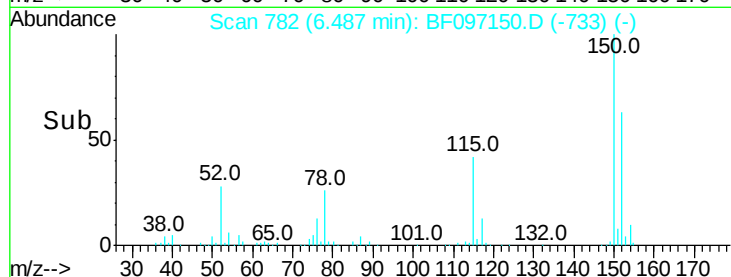
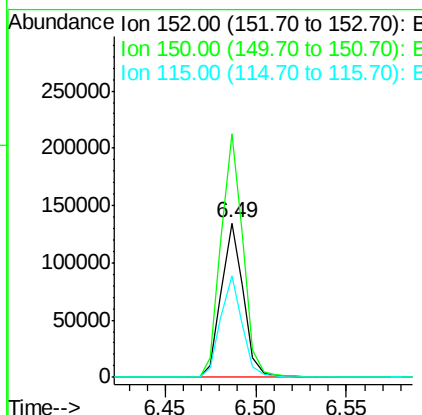
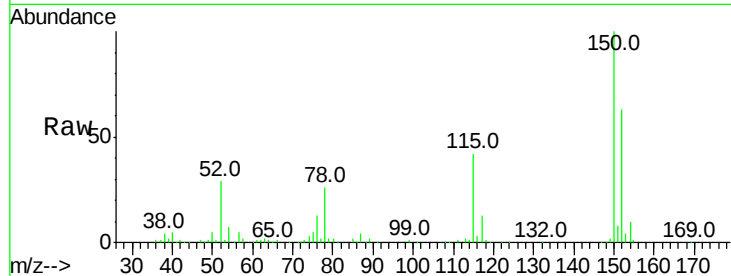
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Instrument :
BNA_F
ClientSampleId :
T-1B-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	66.0	52.2	78.2

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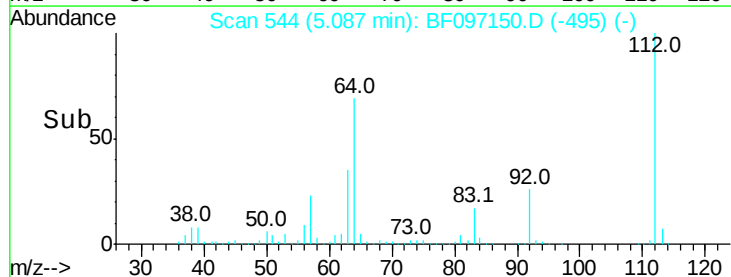
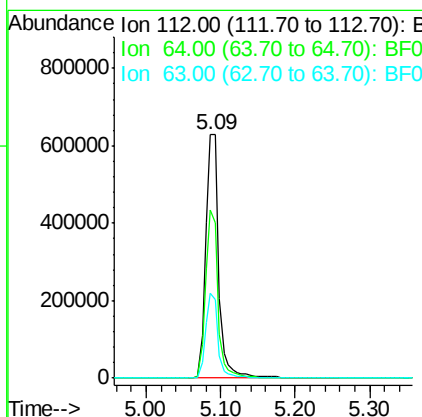
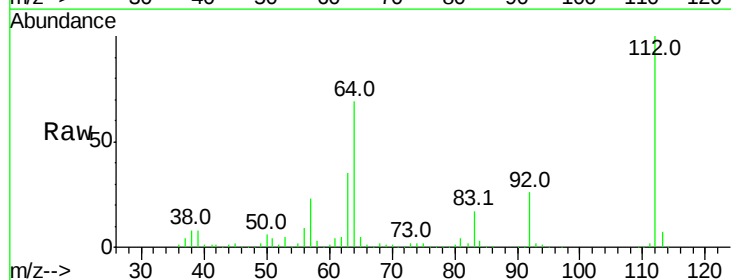
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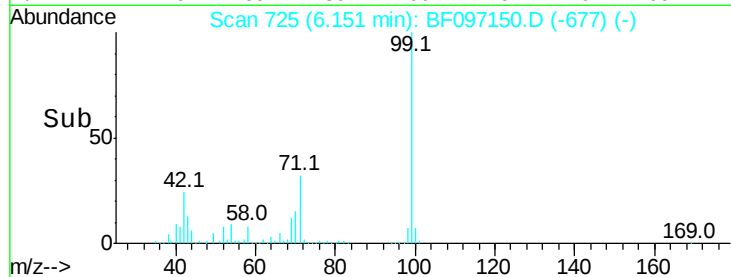
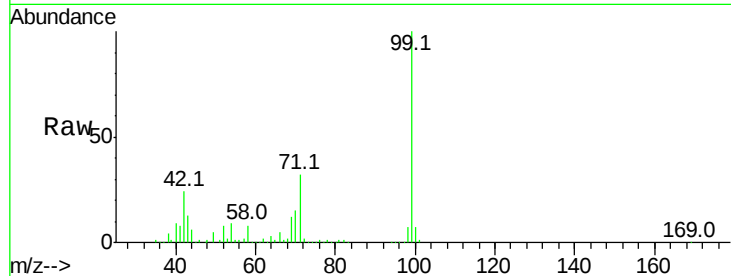
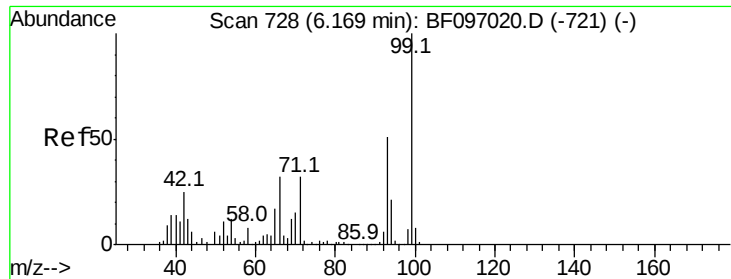


#5

2-Fluorophenol
Concen: 101.740 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	46.0	69.0
63	34.8	23.4	35.0





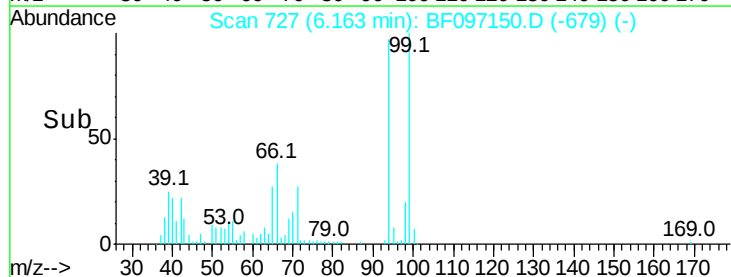
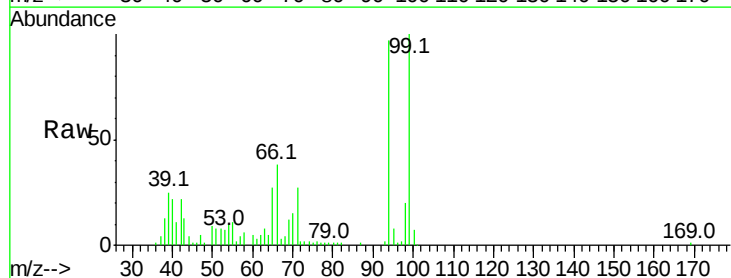
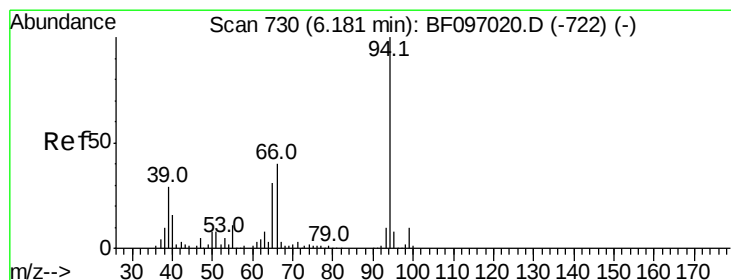
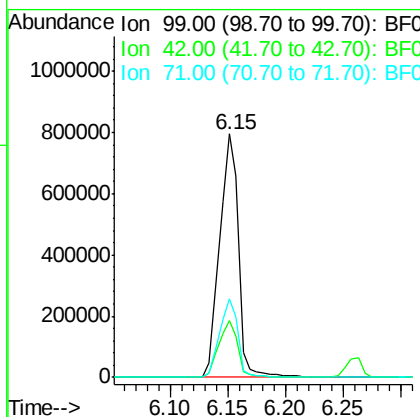
#7
Phenol-d6
Concen: 103.969 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Tot Ion	Ratio	Resp	Lower	Upper
99	100	899722		
42	23.5		13.5	20.3#
71	32.5		24.5	36.7

Instrument :
BNA_F
ClientSampleId :
T-1B-14.5-15.0-072117

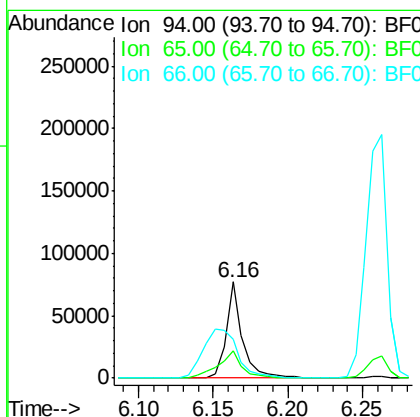
Manual Integrations
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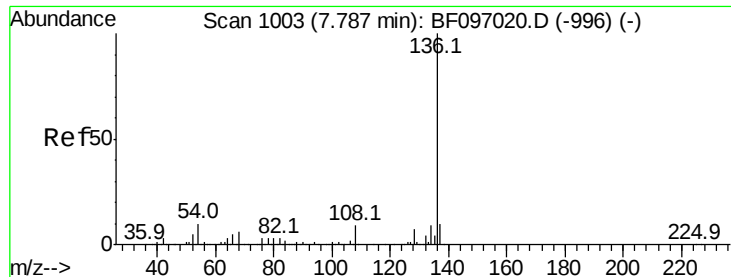
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#10
Phenol
Concen: 5.811 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	59643		
65	28.3		9.9	49.9
66	39.7		23.1	63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097150.D

Acq: 28 Jul 2017 13:15

Instrument :

BNA_F

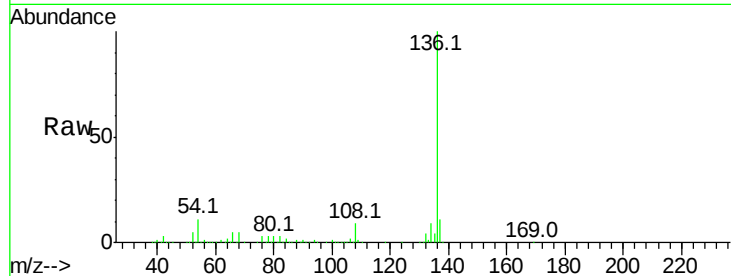
ClientSampleId :

T-1B-14.5-15.0-072117

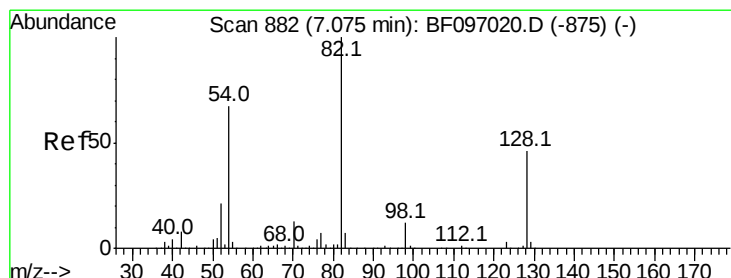
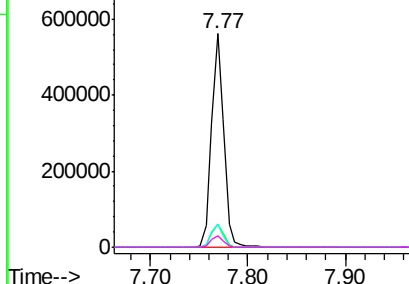
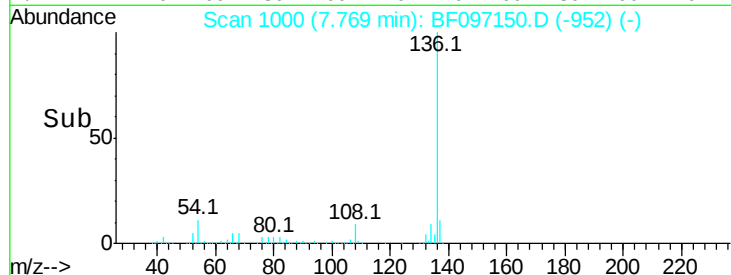
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	10.6	4.9	7.3#	
68	5.4	4.1	6.1	

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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: 69.428 ng

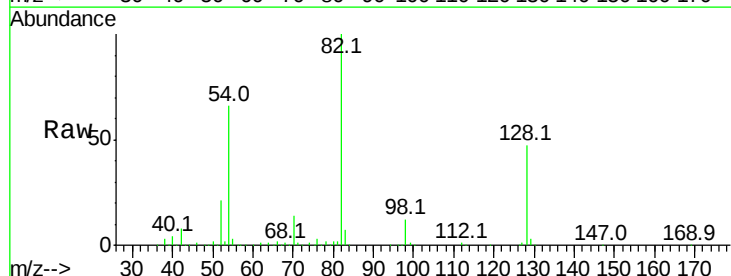
RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

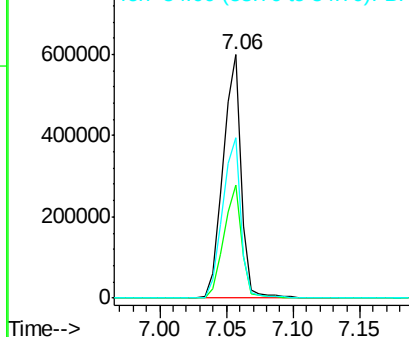
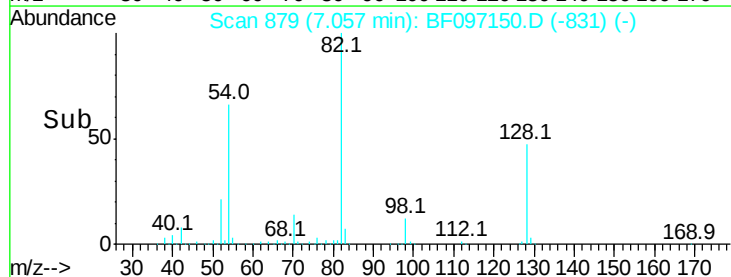
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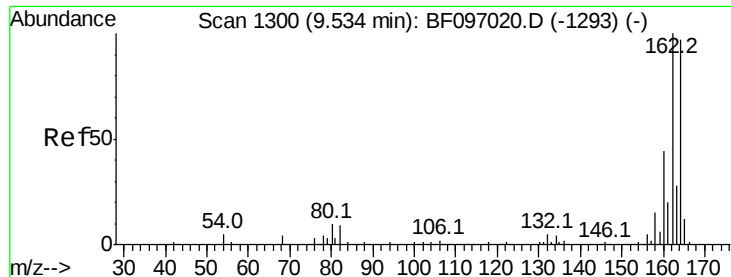
Acq: 28 Jul 2017 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.0	51.0	
54	65.7	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





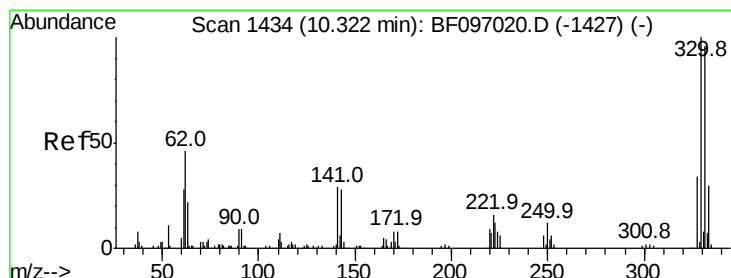
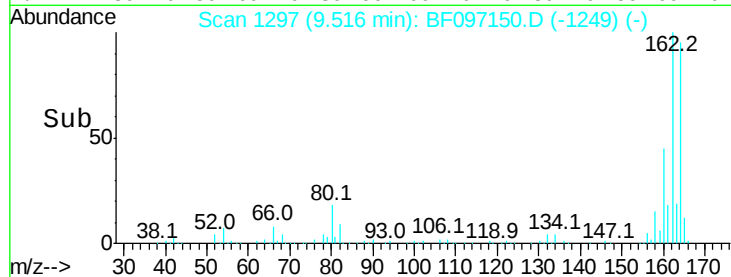
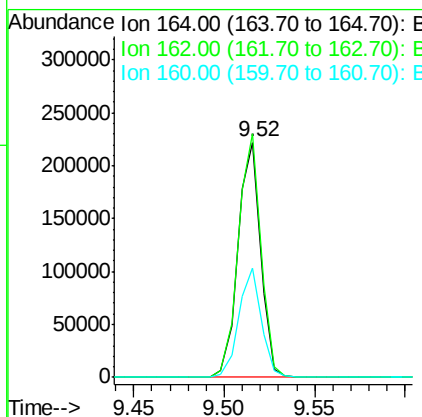
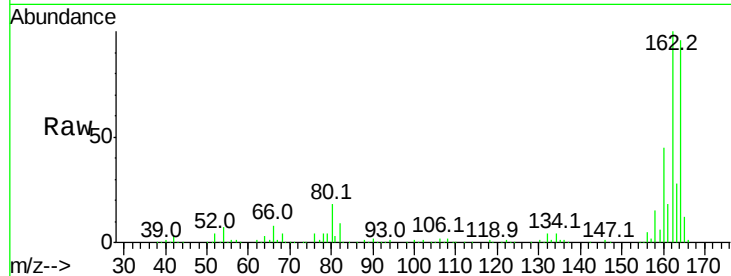
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097150.D
 Acq: 28 Jul 2017 13:15

Instrument :
 BNA_F
 ClientSampleId :
 T-1B-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	46.3	36.2	54.2

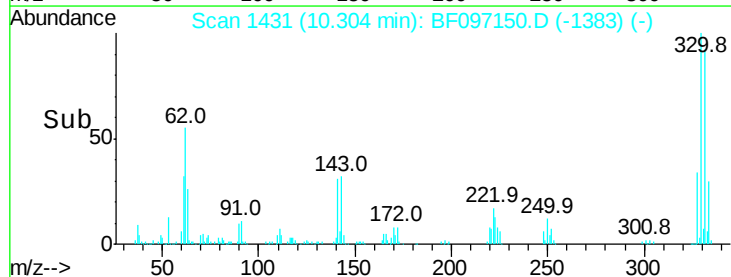
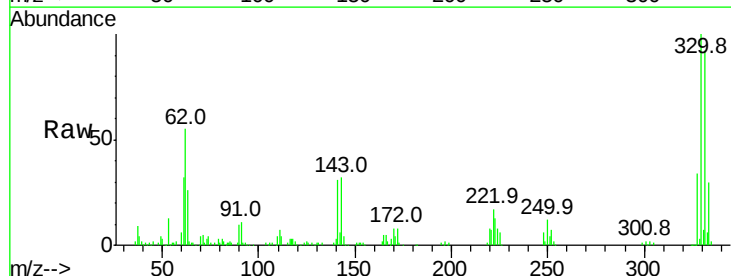
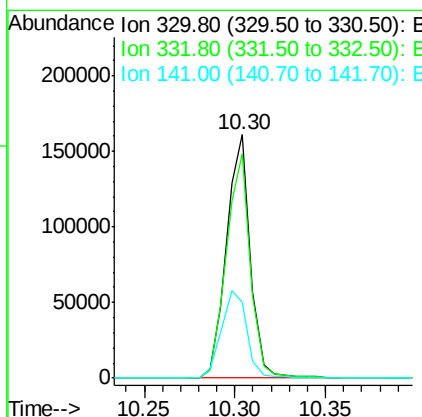
Manual Integrations
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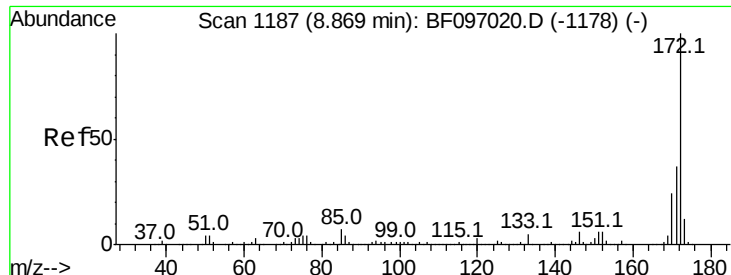
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#41
 2,4,6-Tribromophenol
 Concen: 96.592 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097150.D
 Acq: 28 Jul 2017 13:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.4	76.6	115.0
141	38.7	31.4	47.2





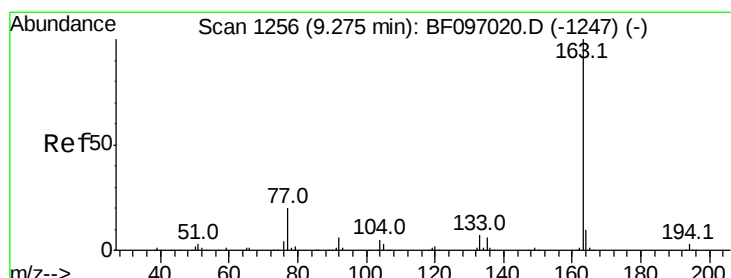
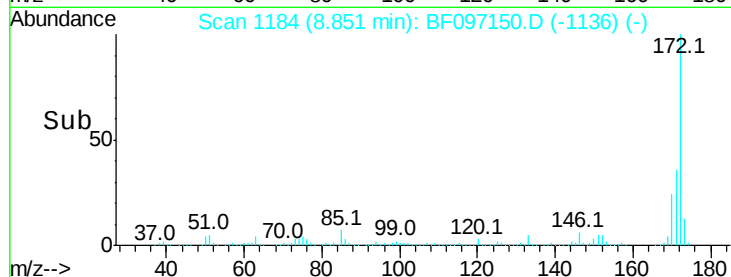
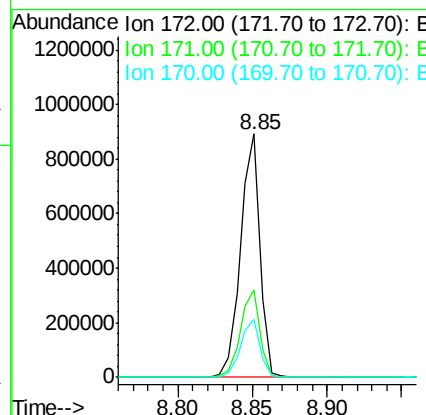
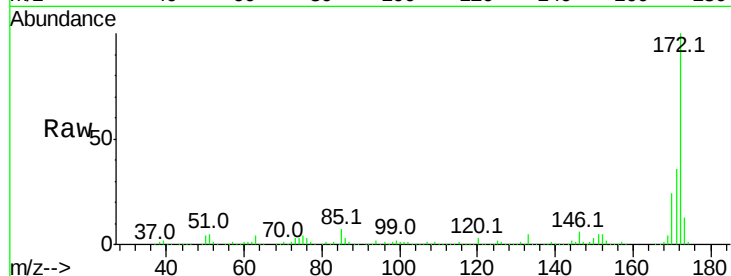
#44
 2-Fluorobiphenyl
 Concen: 71.762 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097150.D
 Acq: 28 Jul 2017 13:15

Instrument :
 BNA_F
 ClientSampleId :
 T-1B-14.5-15.0-072117

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	24.0	19.8	29.8	

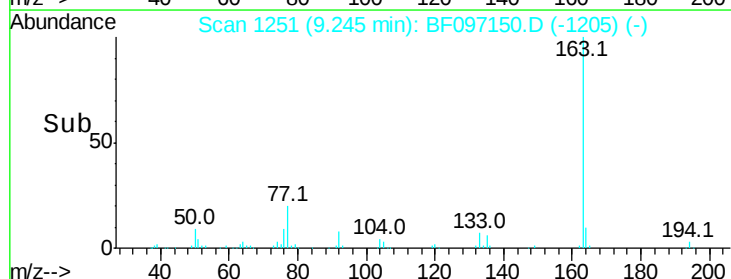
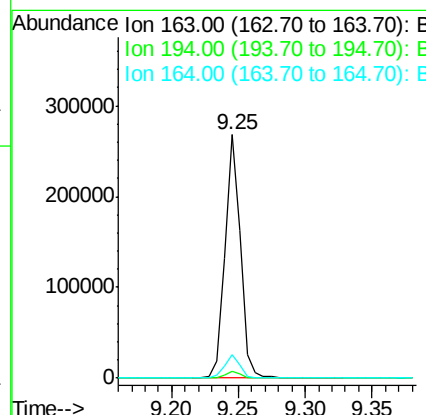
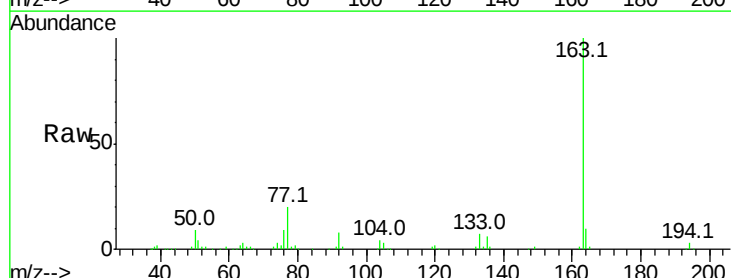
Manual Integrations
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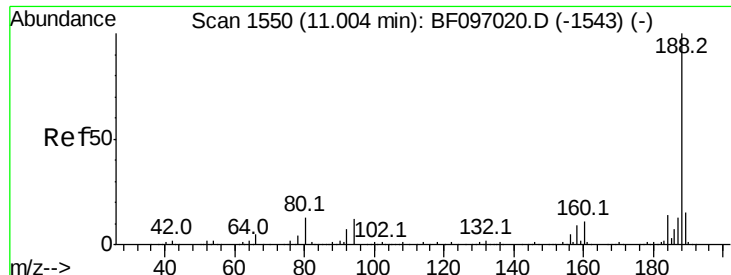
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#49
 Dimethylphthalate
 Concen: 14.979 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF097150.D
 Acq: 28 Jul 2017 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	2.9	2.6	4.0	
164	9.9	8.4	12.6	





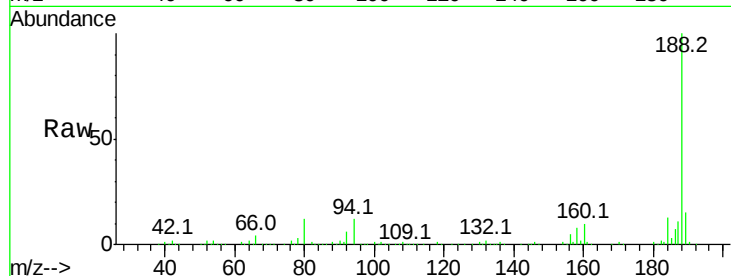
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Instrument :
BNA_F
ClientSampleId :
T-1B-14.5-15.0-072117

Tot Ion	Ratio	Resp	Lower	Upper
188	100	268790		
94	11.5		9.4	14.2
80	12.2		10.2	15.2

Manual Integrations
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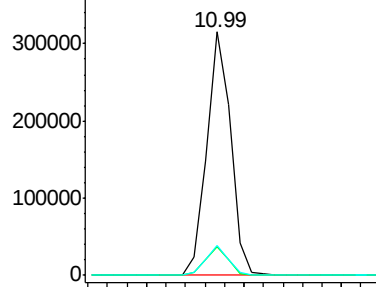
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7/31/2017 6:51:38 PM



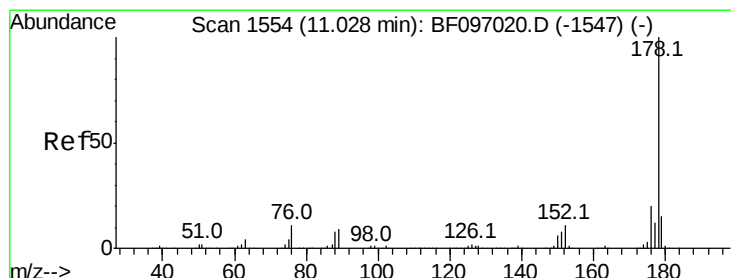
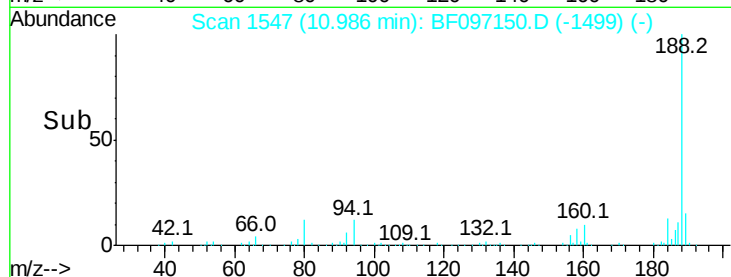
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



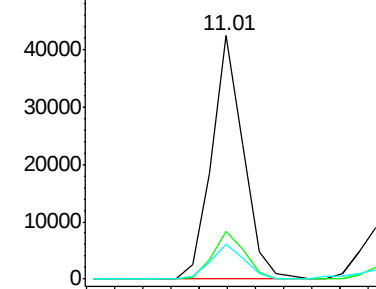
#70
Phenanthrene
Concen: 2.278 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	32811		
176	19.7		16.2	24.4
179	14.3		12.6	19.0

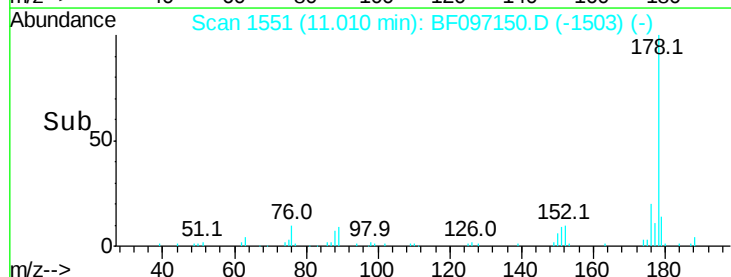
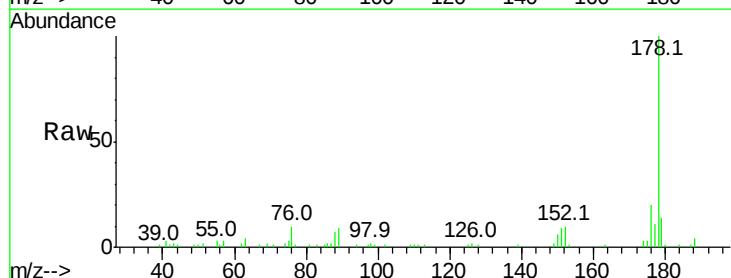
Abundance Ion 178.00 (177.70 to 178.70): E

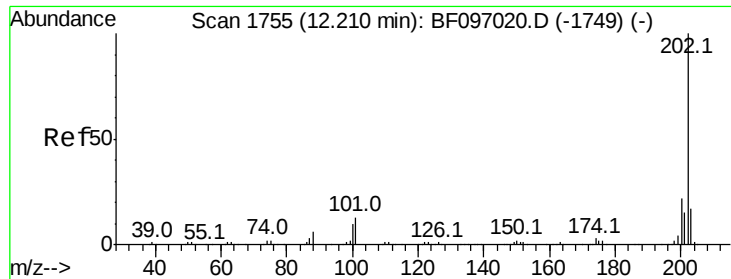
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





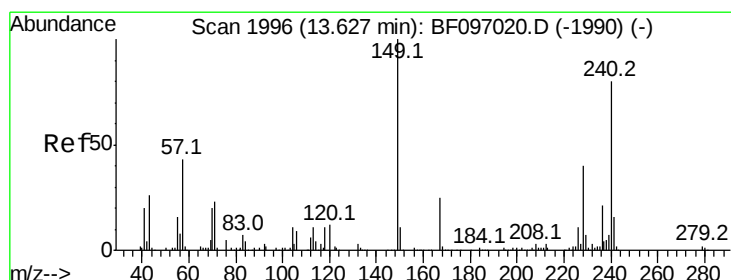
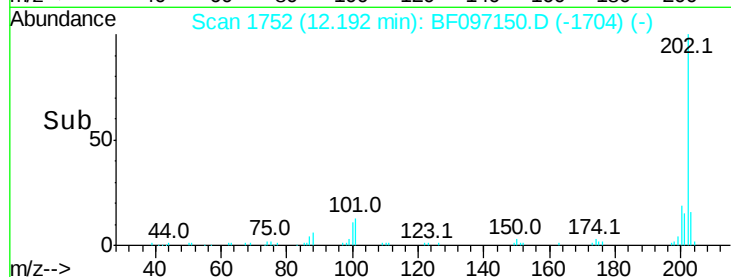
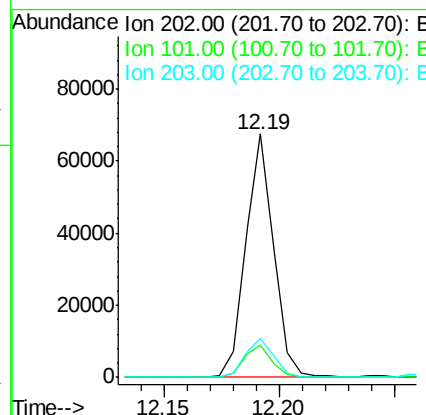
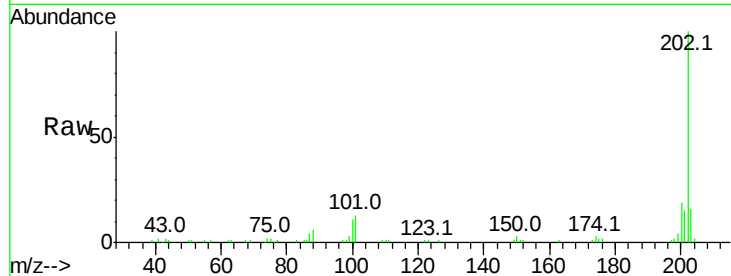
#74
Fluoranthene
 Concen: 4.007 ng
 RT: 12.19 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF097150.D
 Acq: 28 Jul 2017 13:15

Instrument :
 BNA_F
 ClientSampleId :
 T-1B-14.5-15.0-072117

Tot Ion:	202	Resp:	56537
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	15.8	0.0	38.1

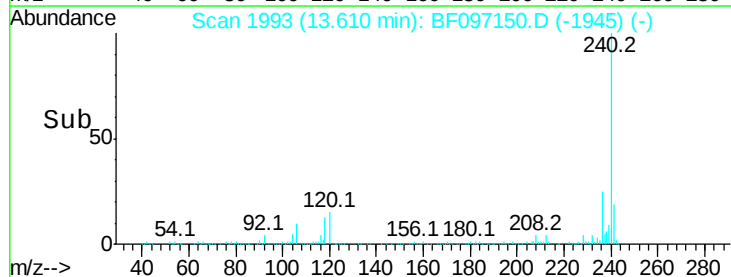
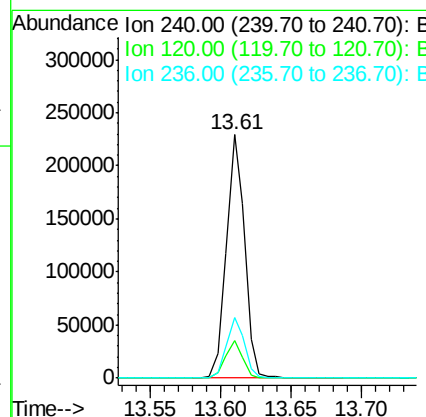
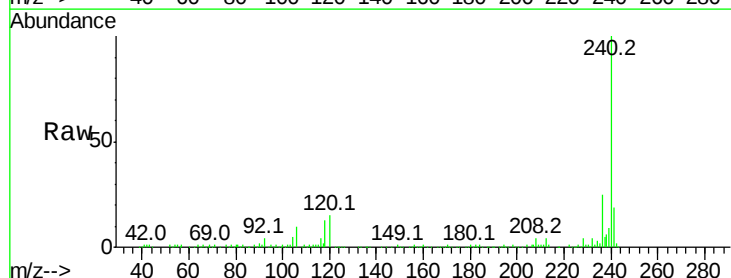
Manual Integrations
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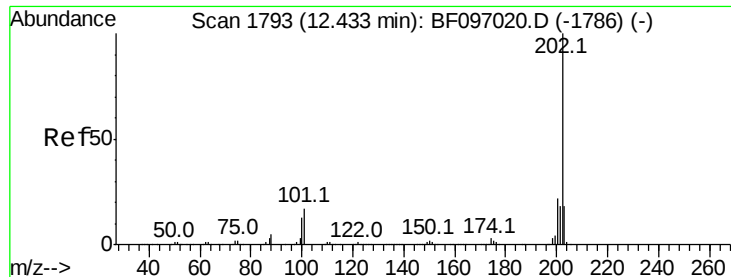
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097150.D
 Acq: 28 Jul 2017 13:15

Tgt Ion:	240	Resp:	205290
Ion Ratio	Lower	Upper	
240	100		
120	15.2	5.8	8.8#
236	25.1	20.5	30.7





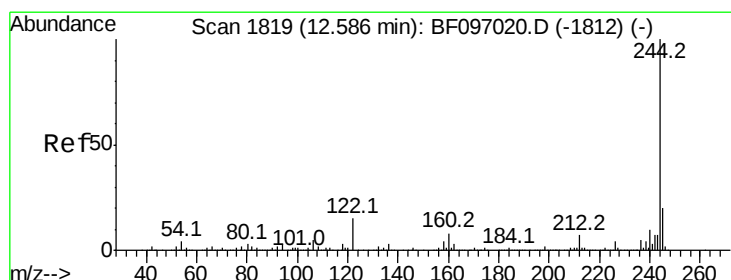
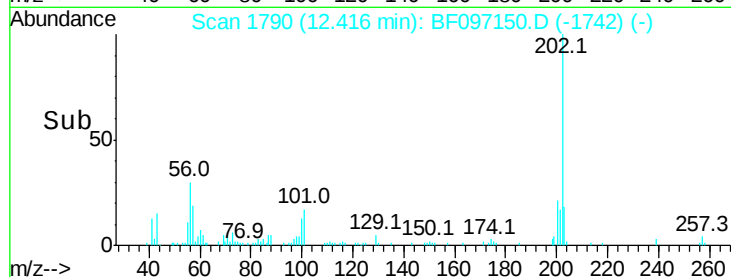
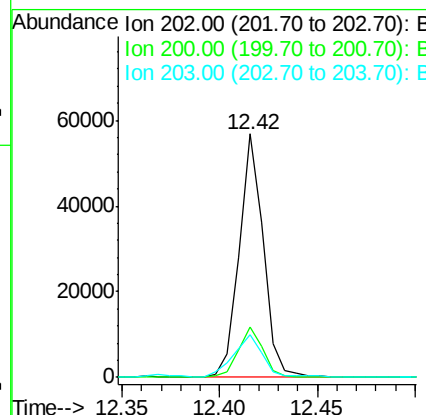
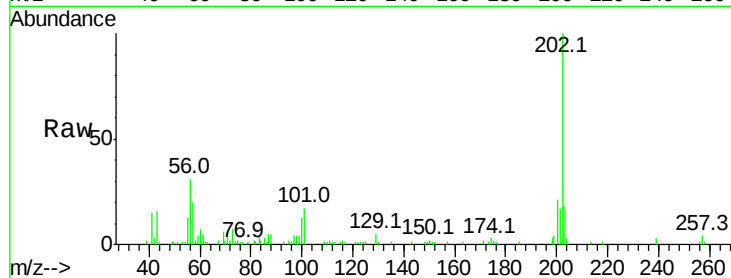
#77
Pvrene
Concen: 2.910 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Instrument :
BNA_F
ClientSampleId :
T-1B-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.6	14.4	21.6

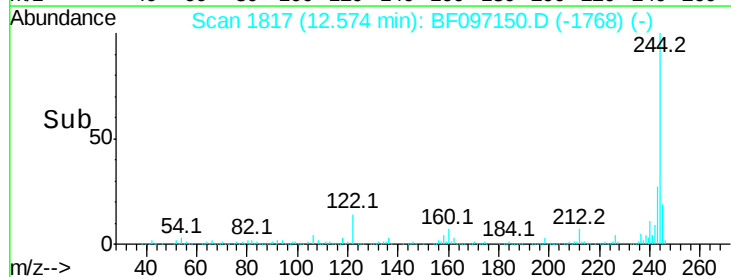
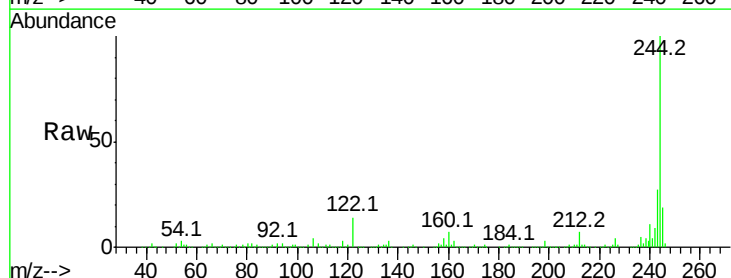
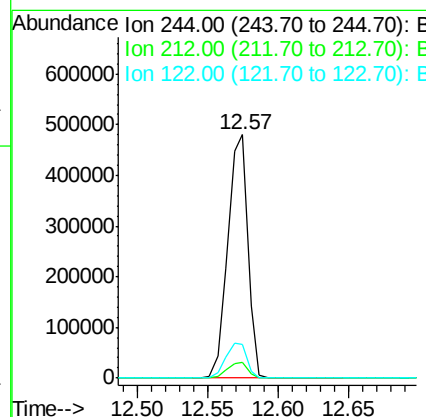
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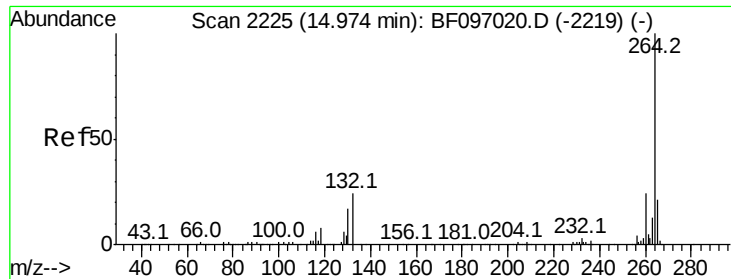
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#78
Terphenyl-d14
Concen: 47.206 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.9	10.3	15.5





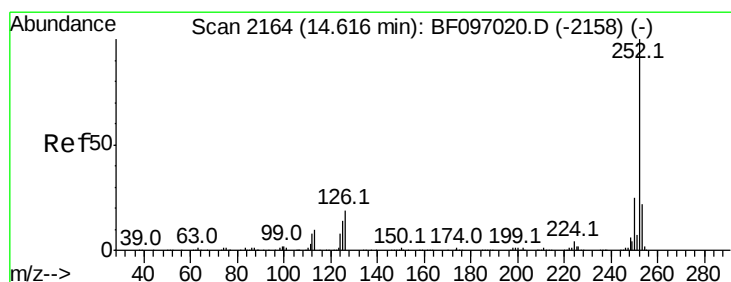
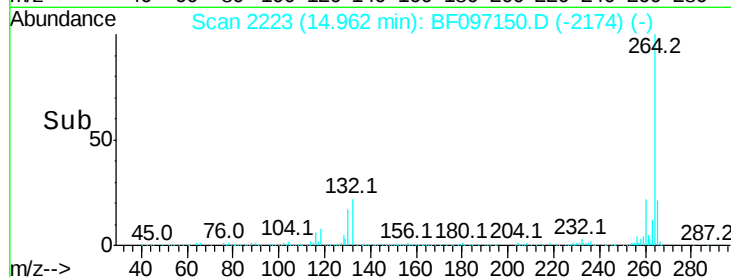
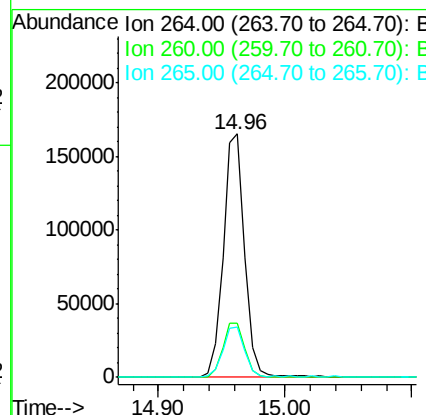
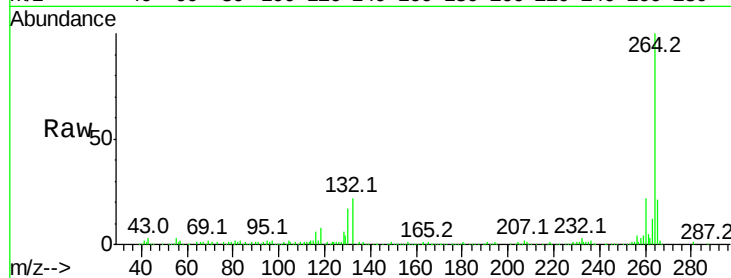
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Instrument :
BNA_F
ClientSampleId :
T-1B-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	20.6	17.2	25.8

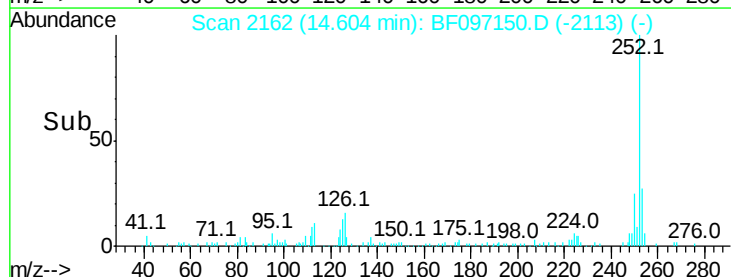
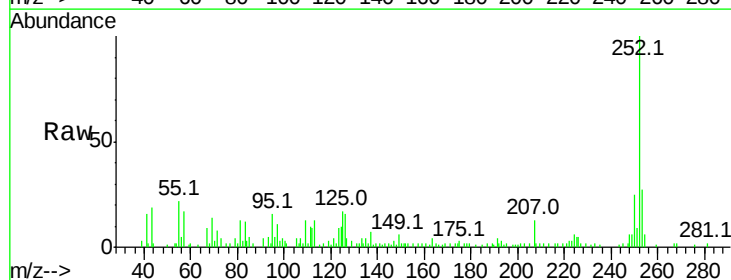
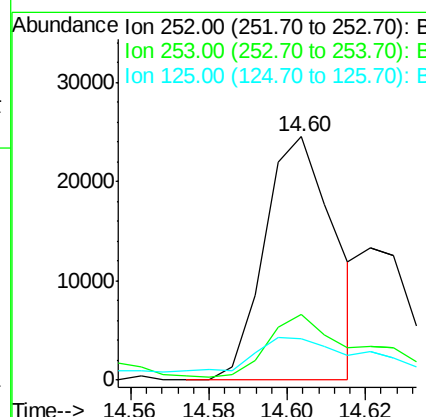
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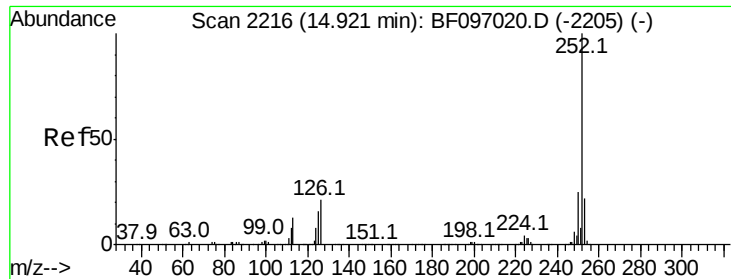
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#87
Benzo(b)fluoranthene
Concen: 2.621 ng m
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097150.D
Acq: 28 Jul 2017 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.1	27.1
125	17.2	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.123 ng

RT: 14.90 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BF097150.D

Acq: 28 Jul 2017 13:15

Instrument :

BNA_F

ClientSampleId :

T-1B-14.5-15.0-072117

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.5	17.5	26.3#	
125	22.0	11.0	16.4#	

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