

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097763.D
 Acq On : 17 Aug 2017 3:07
 Operator : SJ/JU
 Sample : I4773-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSW

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:58:04 PM

Quant Time: Aug 17 07:51:42 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	6.78	152	127435	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	502521	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	205688	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	303729	20.00	ng	0.00
75) Chrysene-d12	13.93	240	245794	20.00	ng	0.00
86) Perylene-d12	15.36	264	214796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1033286	123.33	ng	0.00
7) Phenol-d6	6.42	99	1366023	120.00	ng	0.00
23) Nitrobenzene-d5	7.35	82	851256	92.02	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	206800	115.88	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1133628	80.97	ng	0.00
78) Terphenyl-d14	12.89	244	519347	44.06	ng	0.00
Target Compounds						
10) Phenol	6.42	94	46726	3.510	ng	91
12) 1,3-Dichlorobenzene	6.72	146	37594	3.956	ng	# 92
13) 1,4-Dichlorobenzene	6.80	146	121602m	12.581	ng	
14) 1,2-Dichlorobenzene	6.95	146	493154	55.333	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	18626	2.523	ng	97
31) Naphthalene	8.09	128	869178	33.317	ng	99
32) Benzoic acid	7.79	122	19222m	9.254	ng	
37) 2-Methylnaphthalene	8.77	142	103934	6.498	ng	97
49) Dimethylphthalate	9.53	163	287503	19.122	ng	100
70) Phenanthrene	11.32	178	33147	2.048	ng	98

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

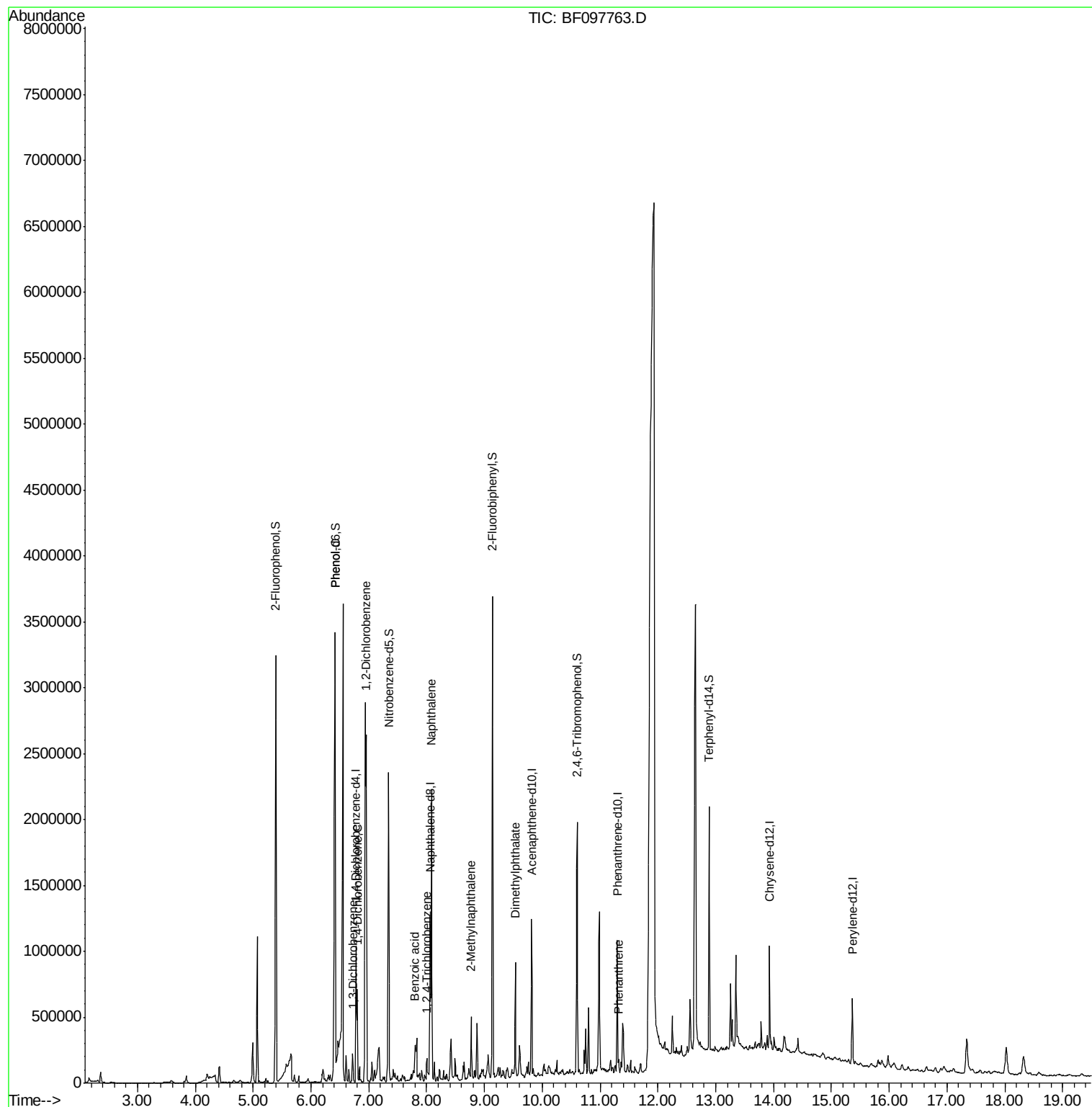
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097763.D
Acq On : 17 Aug 2017 3:07
Operator : SJ/JU
Sample : I4773-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

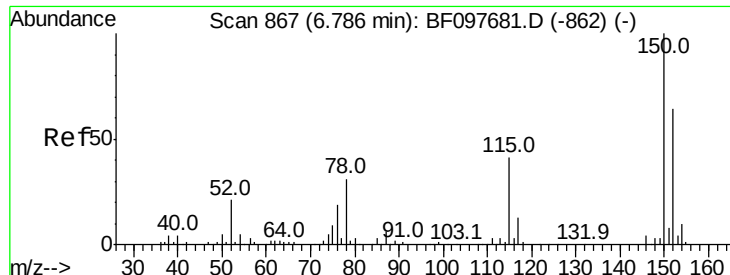
Instrument :
BNA_F
ClientSampleId :
E2-J10-SSW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

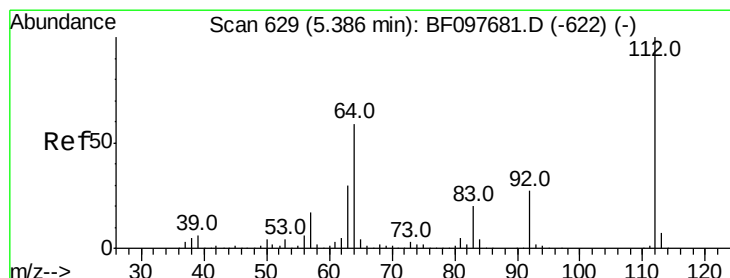
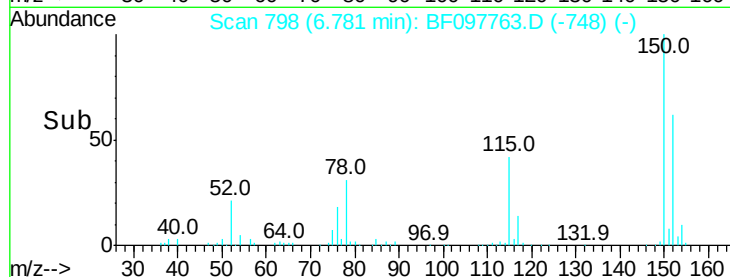
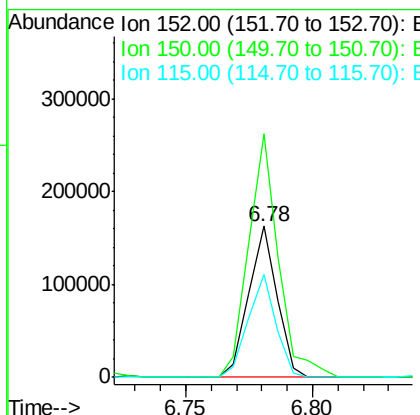
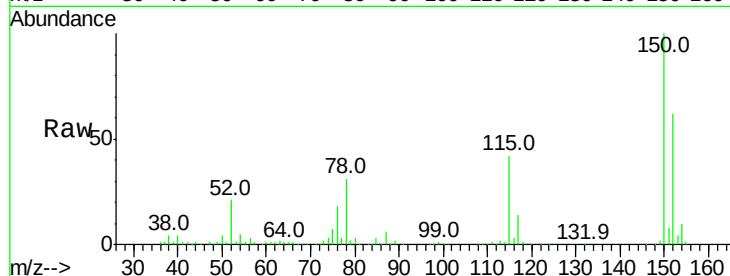
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097763.D
 Acq: 17 Aug 2017 3:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	67.7	52.2	78.2

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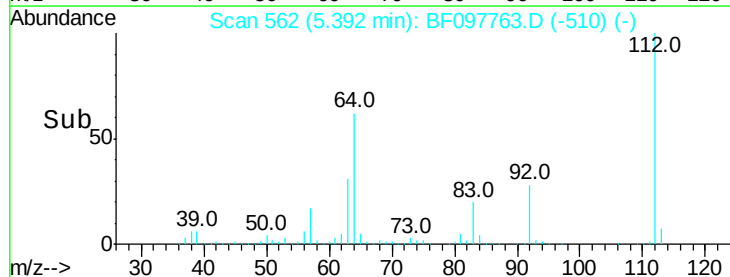
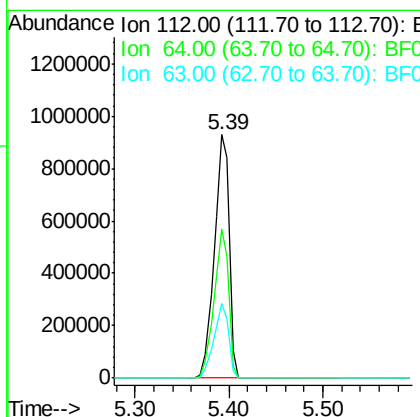
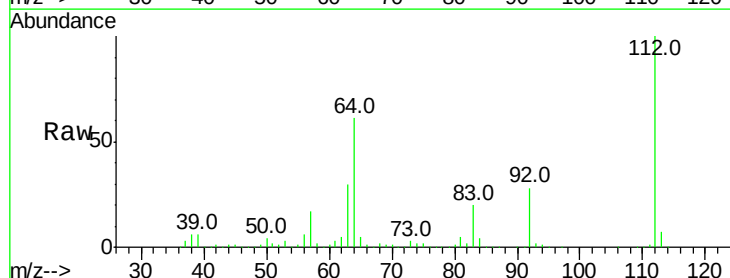
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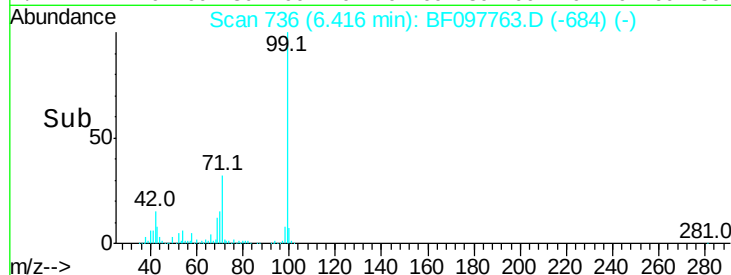
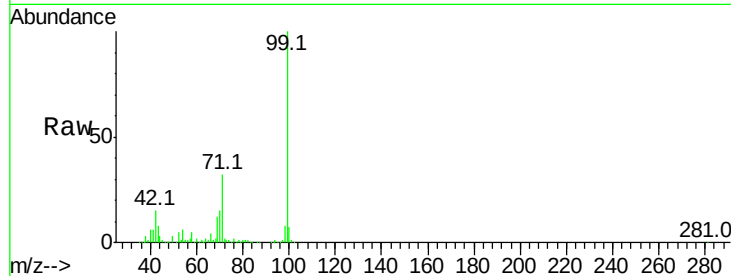
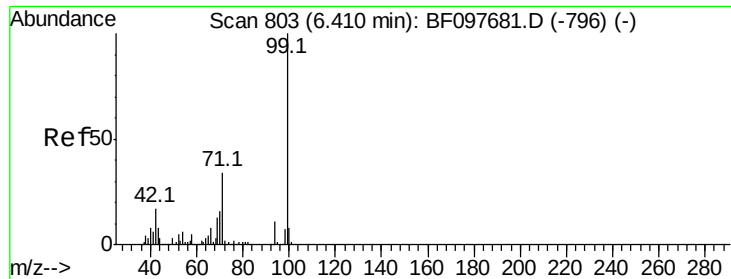


#5

2-Fluorophenol
 Concen: 123.334 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097763.D
 Acq: 17 Aug 2017 3:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.0	69.0
63	30.5	23.4	35.0





#7

Phenol-d6

Concen: 120.003 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097763.D

Acq: 17 Aug 2017 3:07

Tot Ion: 99 Resp: 1366023

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

71 32.1 24.5 36.7

Instrument :

BNA_F

ClientSampleId :

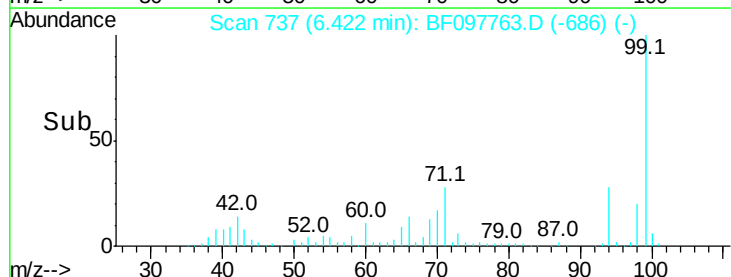
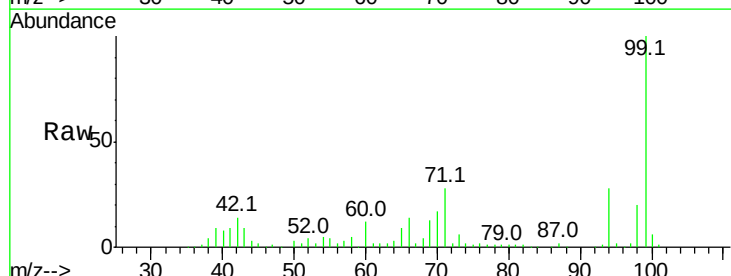
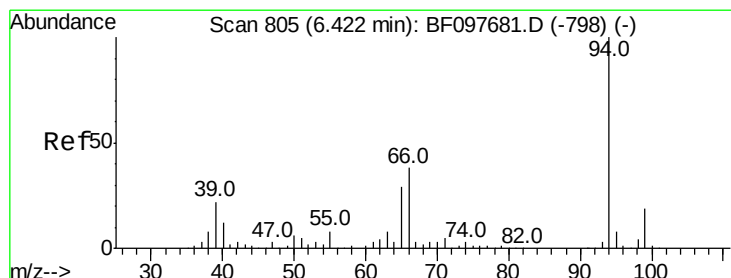
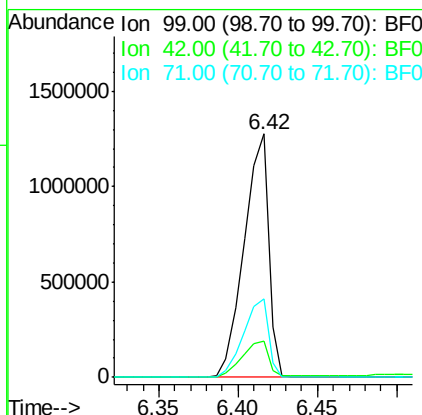
E2-J10-SSW

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#10

Phenol

Concen: 3.510 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097763.D

Acq: 17 Aug 2017 3:07

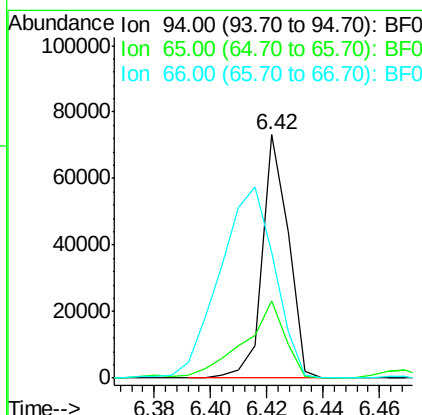
Tgt Ion: 94 Resp: 46726

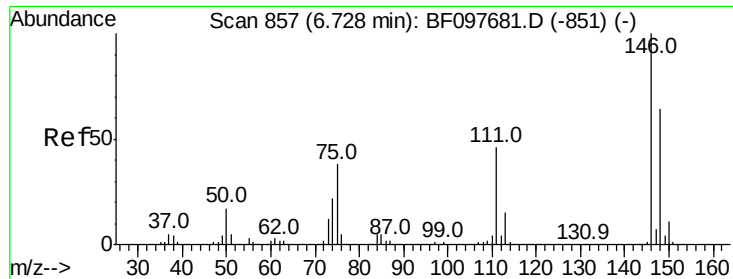
Ion Ratio Lower Upper

94 100

65 31.6 9.9 49.9

66 51.7 23.1 63.1





#12

1,3-Dichlorobenzene

Concen: 3.956 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097763.D

Acq: 17 Aug 2017 3:07

Instrument :

BNA_F

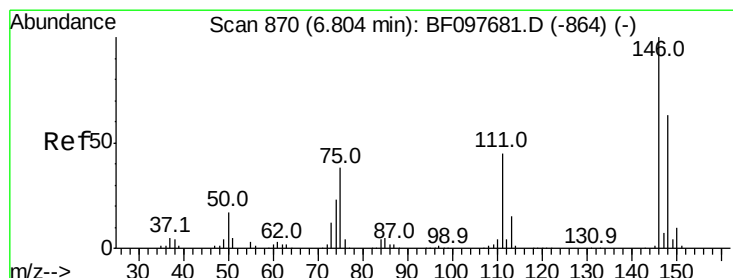
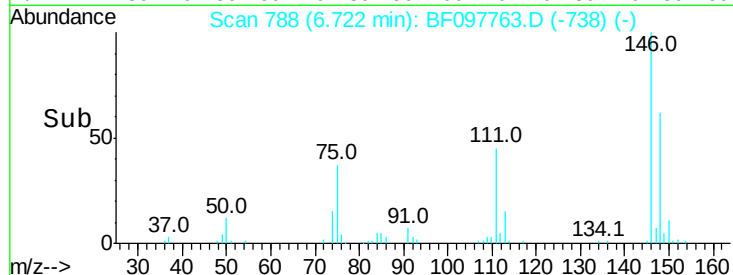
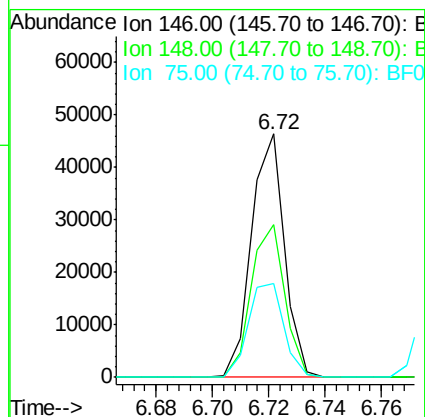
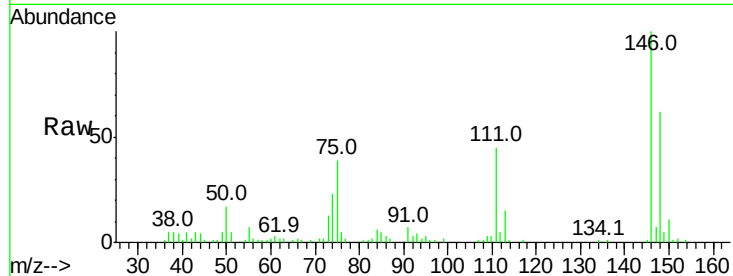
ClientSampleId :

E2-J10-SSW

Tot Ion:	146	Resp:	37594
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.8	77.6
75	38.8	23.1	34.7#

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#13

1,4-Dichlorobenzene

Concen: 12.581 ng m

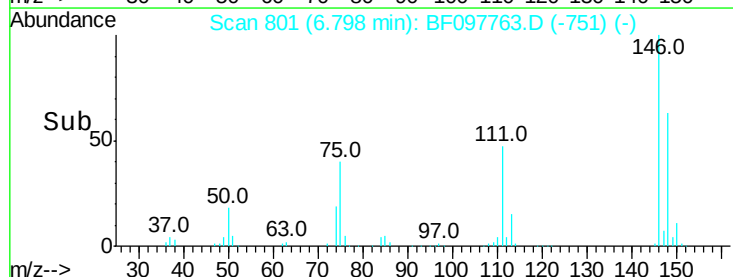
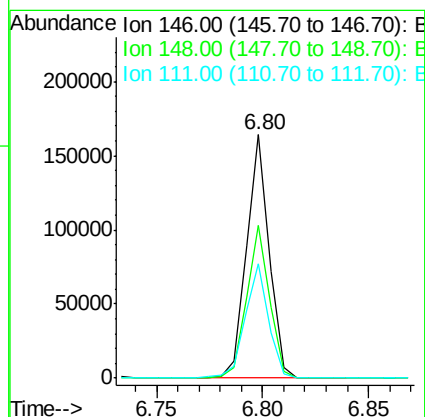
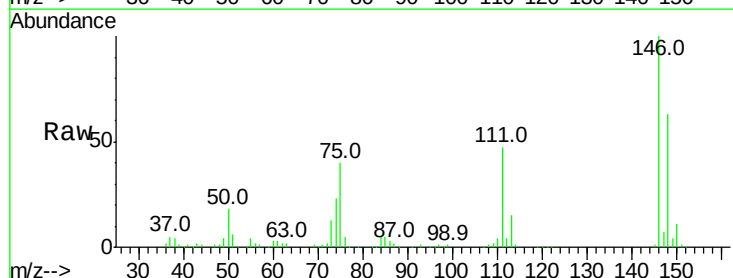
RT: 6.80 min Scan# 801

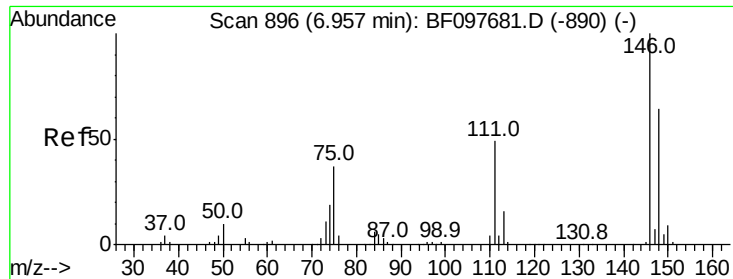
Delta R.T. -0.01 min

Lab File: BF097763.D

Acq: 17 Aug 2017 3:07

Tgt Ion:	146	Resp:	121602
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.2	78.2
111	46.8	30.3	45.5#





#14

1,2-Dichlorobenzene

Concen: 55.333 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF097763.D

Acq: 17 Aug 2017 3:07

Instrument :

BNA_F

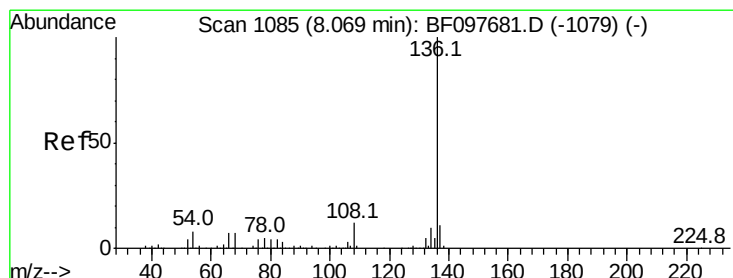
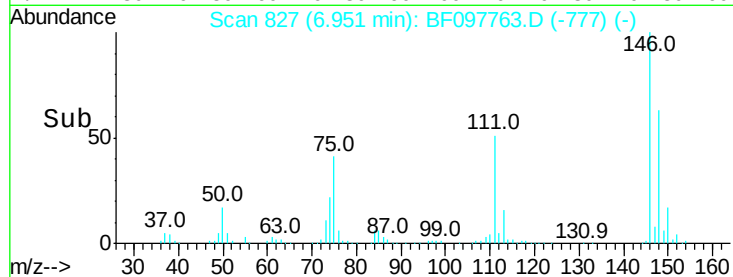
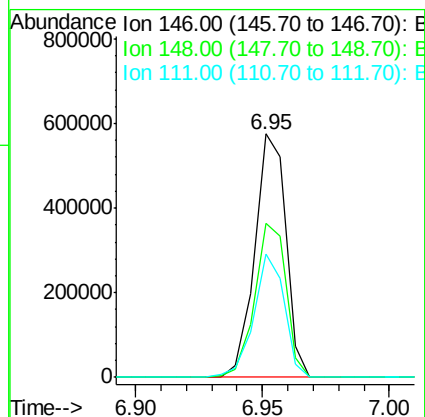
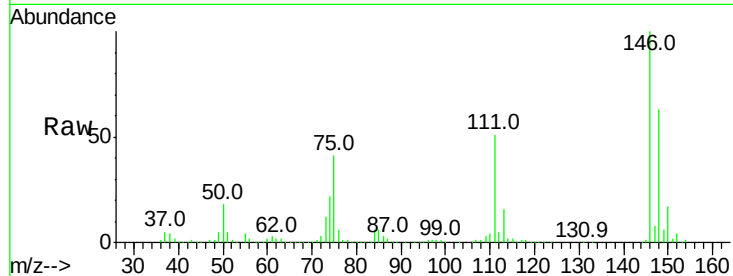
ClientSampleId :

E2-J10-SSW

Tot Ion:	146	Resp:	493154
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.4	75.6
111	50.6	38.2	57.4

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#21

Naphthalene-d8

Concen: 20.000 ng

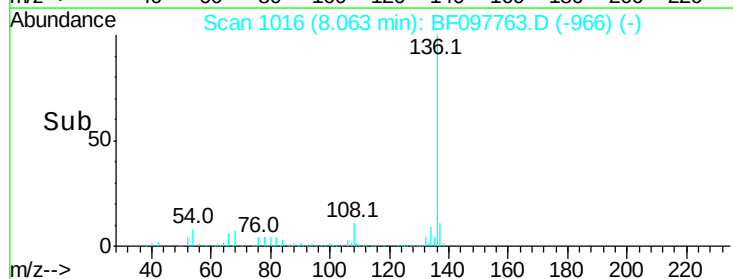
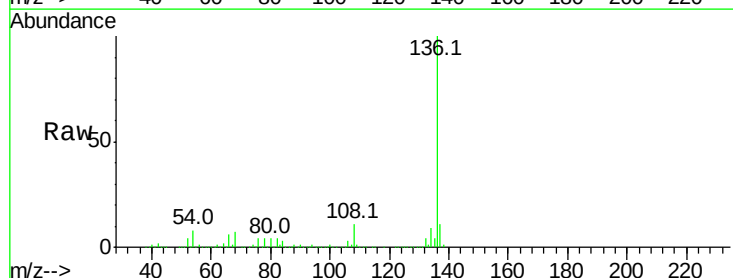
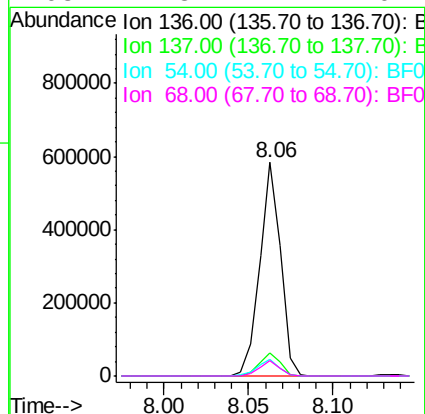
RT: 8.06 min Scan# 1016

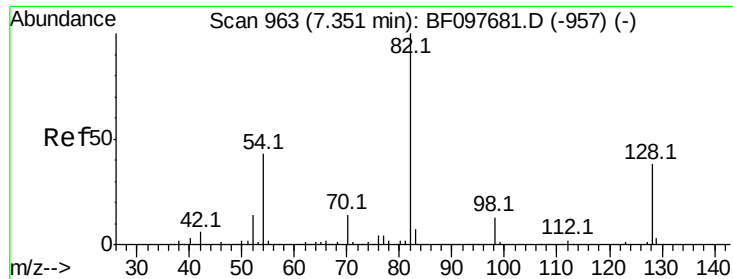
Delta R.T. -0.01 min

Lab File: BF097763.D

Acq: 17 Aug 2017 3:07

Tgt Ion:	136	Resp:	502521
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	7.9	4.9	7.3#
68	7.3	4.1	6.1#





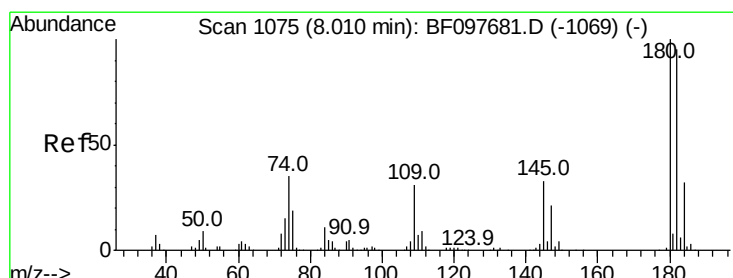
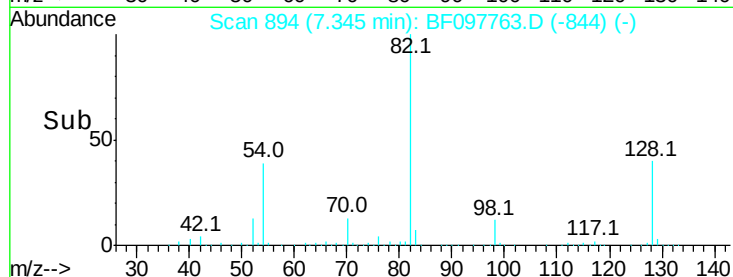
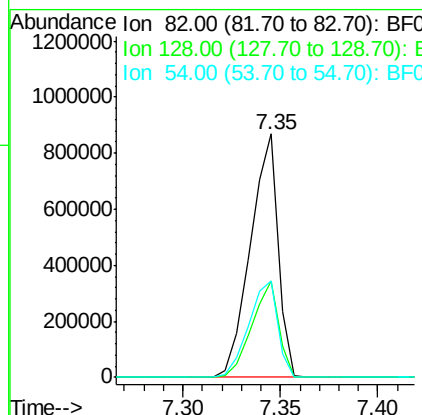
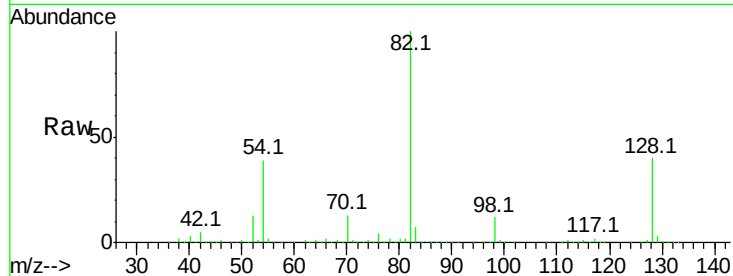
#23
 Nitrobenzene-d5
 Concen: 92.024 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF097763.D
 Acq: 17 Aug 2017 3:07

Instrument :
 BNA_F
 ClientSampled :
 E2-J10-SSW

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.7	34.0	51.0	
54	39.4	42.2	63.2	

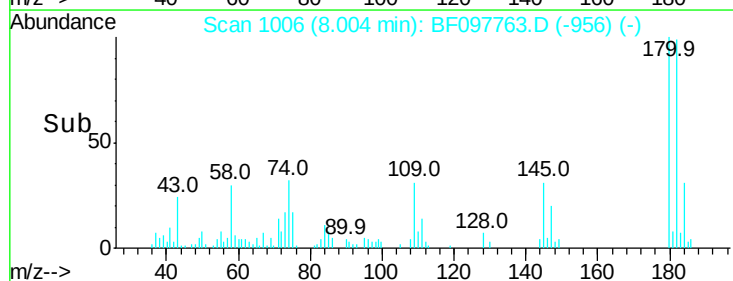
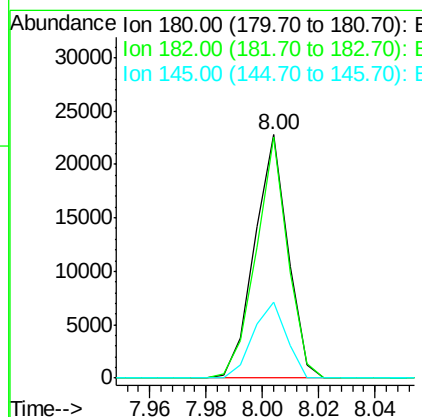
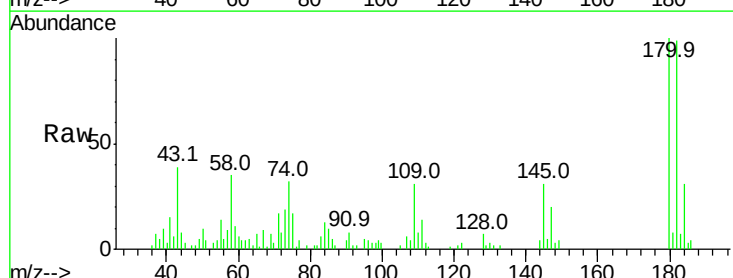
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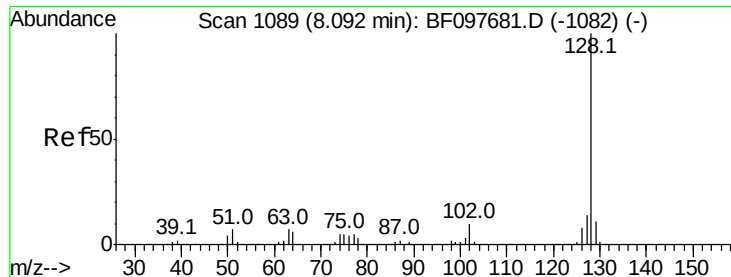
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#30
 1,2,4-Trichlorobenzene
 Concen: 2.523 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF097763.D
 Acq: 17 Aug 2017 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.0	75.8	113.6	
145	31.4	25.3	37.9	





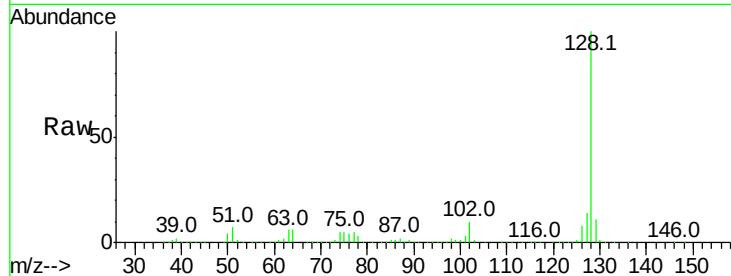
#31
Naphthalene
Concen: 33.317 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097763.D
Acq: 17 Aug 2017 3:07

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSW

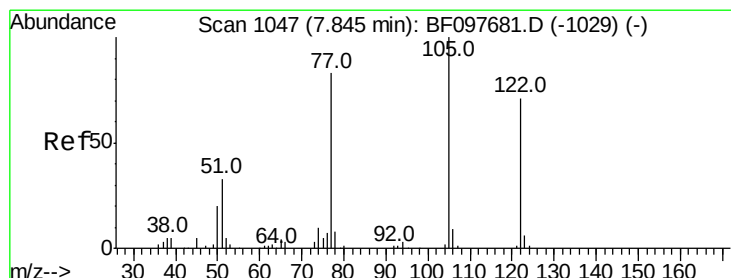
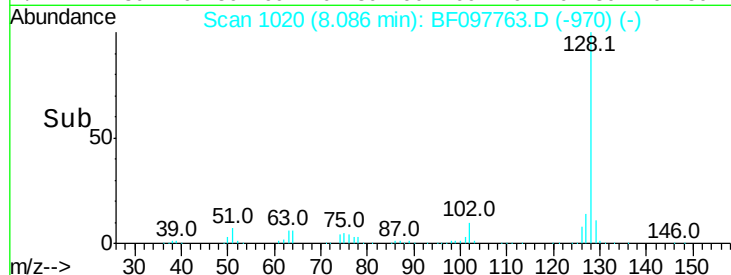
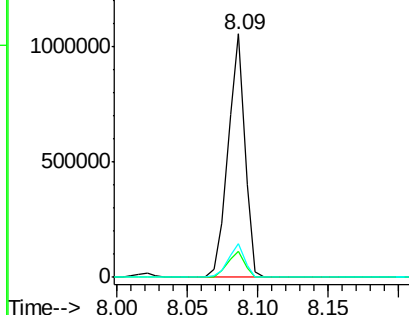
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.0	13.6	
127	13.7	10.8	16.2	

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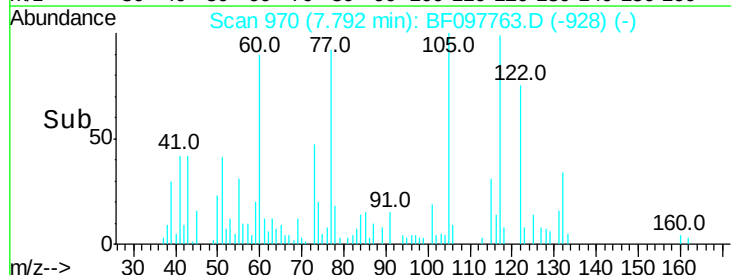
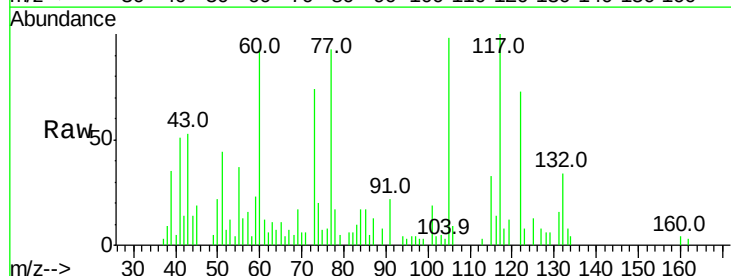
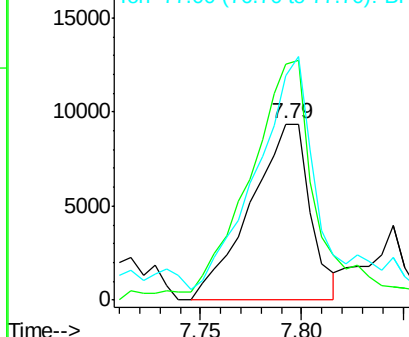
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Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

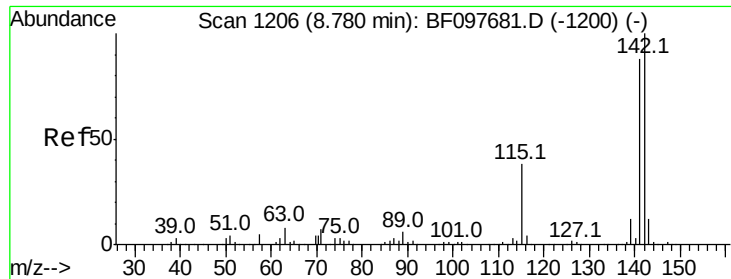


#32
Benzoic acid
Concen: 9.254 ng m
RT: 7.79 min Scan# 970
Delta R.T. -0.05 min
Lab File: BF097763.D
Acq: 17 Aug 2017 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.0	103.3	143.3	
77	127.4	73.7	113.7#	

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





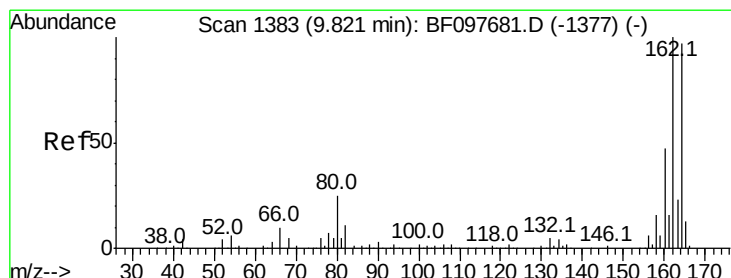
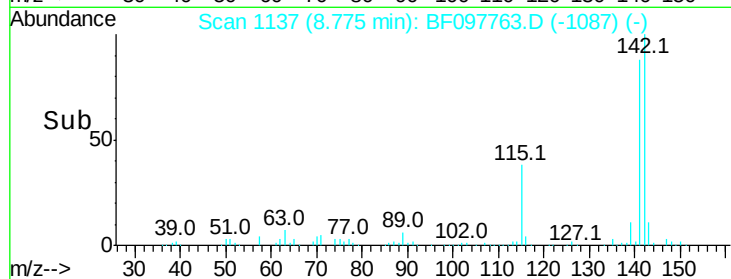
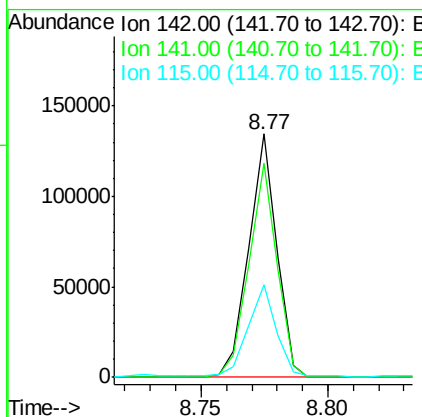
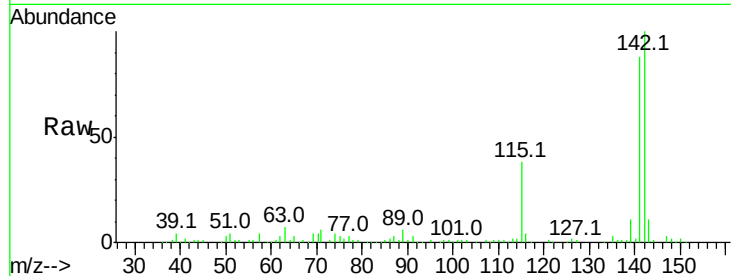
#37
2-Methylnaphthalene
Concen: 6.498 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF097763.D
Acq: 17 Aug 2017 3:07

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSW

Tot Ion	Ratio	Resp	Lower	Upper
142	100	103934		
141	88.1	71.3	106.9	
115	38.1	27.1	40.7	

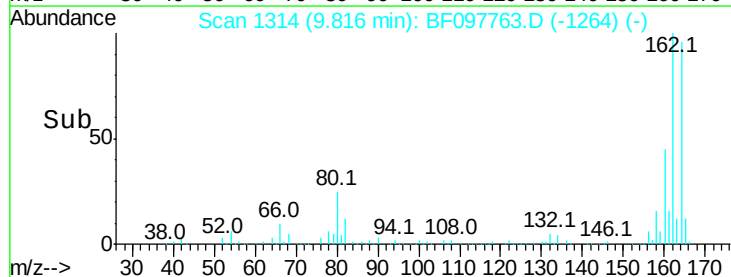
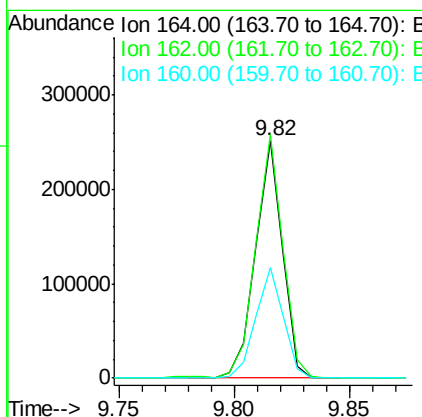
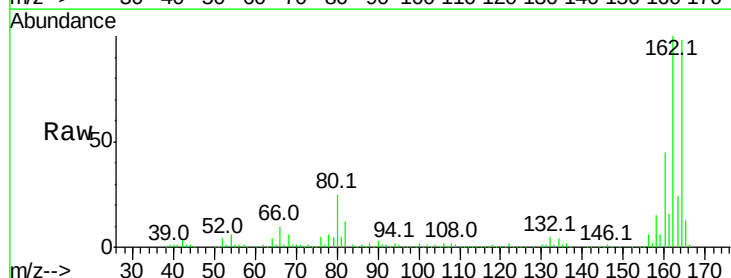
Manual Integrations
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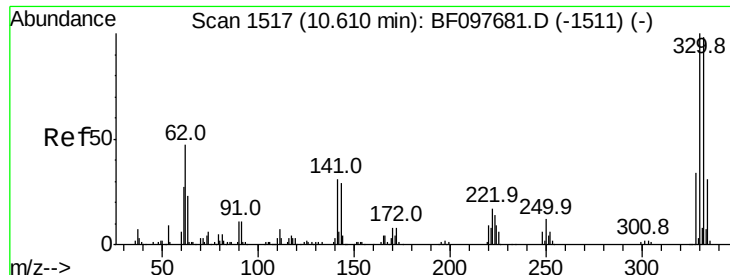
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097763.D
Acq: 17 Aug 2017 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205688		
162	102.5	82.6	123.8	
160	46.5	36.2	54.2	





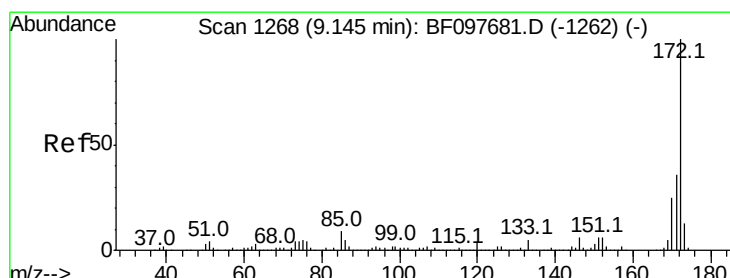
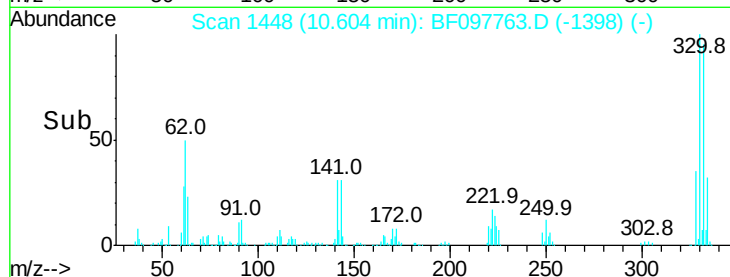
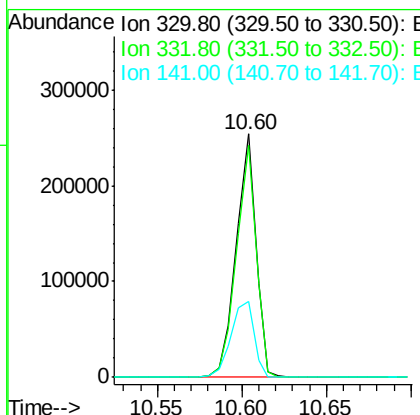
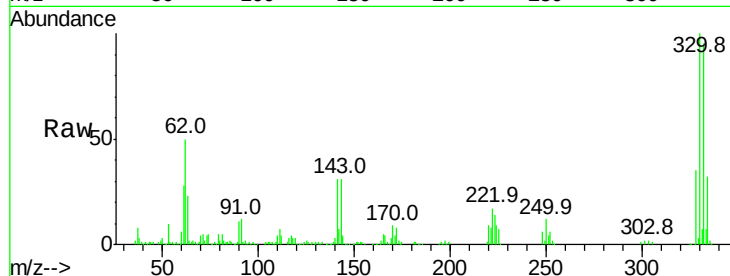
#41
 2,4,6-Tribromophenol
 Concen: 115.875 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097763.D
 Acq: 17 Aug 2017 3:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	206800		
332	95.6	76.6	115.0	
141	36.4	31.4	47.2	

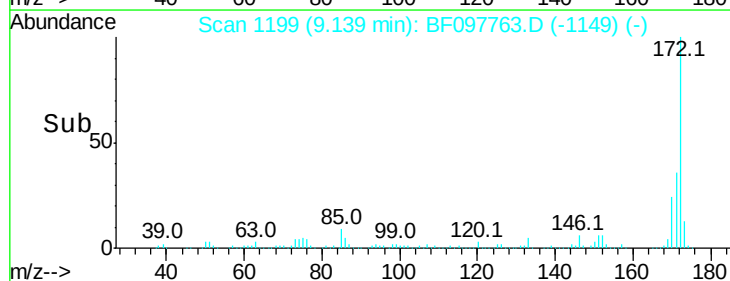
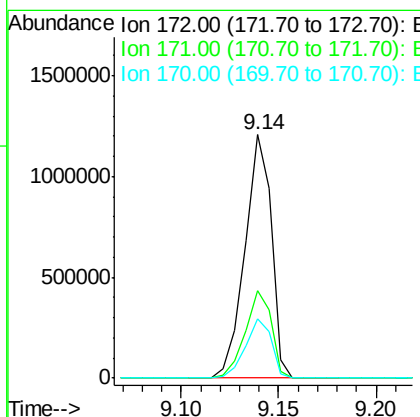
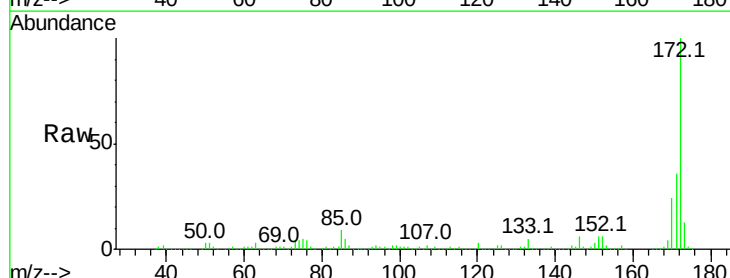
Manual Integrations
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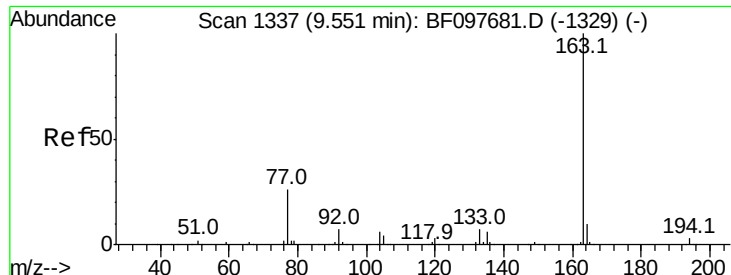
Sohil
 8/17/2017 5:58:04 PM



#44
 2-Fluorobiphenyl
 Concen: 80.974 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097763.D
 Acq: 17 Aug 2017 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1133628		
171	36.1	29.6	44.4	
170	24.2	19.8	29.8	





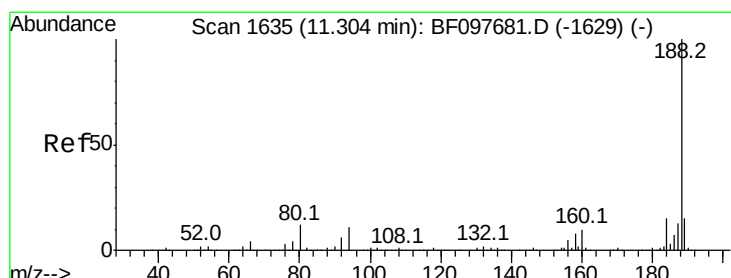
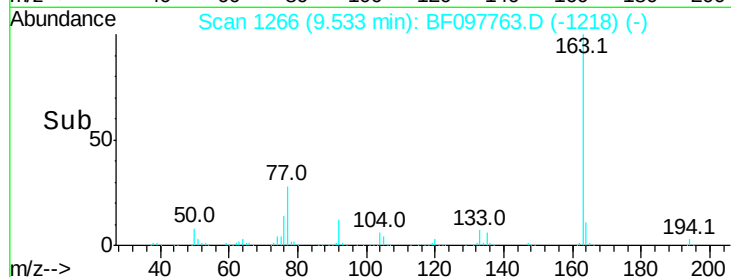
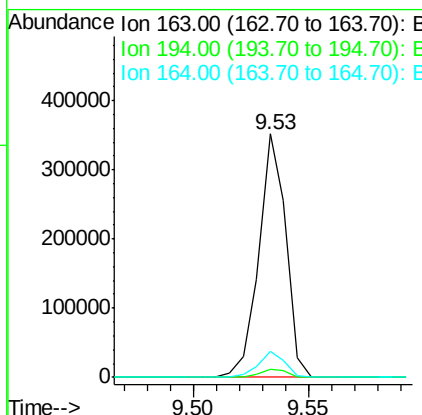
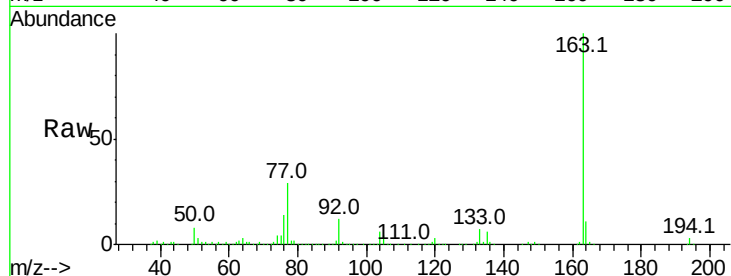
#49
Dimethylphthalate
Concen: 19.122 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097763.D
Acq: 17 Aug 2017 3:07

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSW

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.6	8.4	12.6	

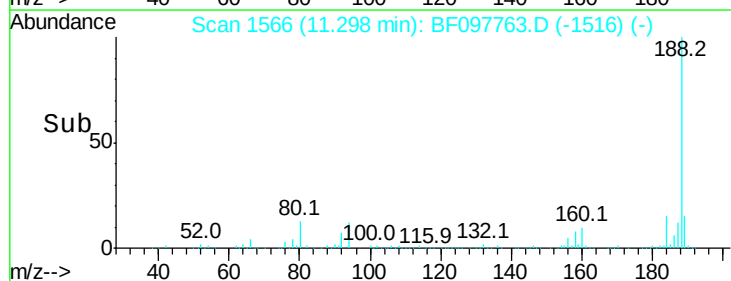
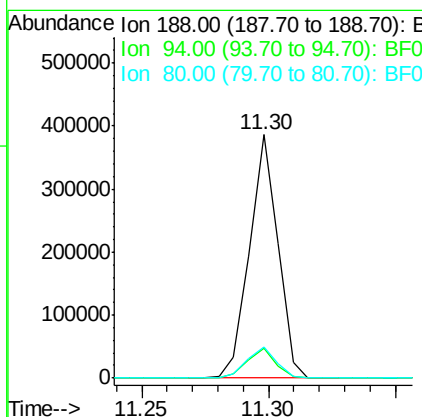
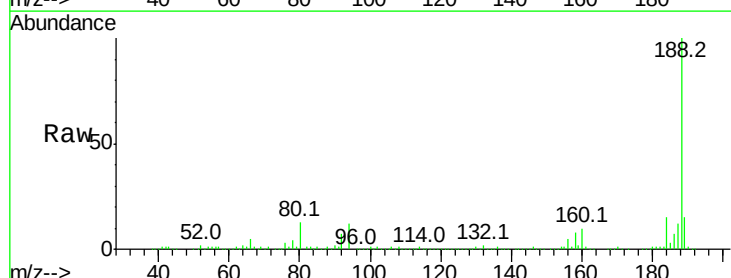
Manual Integrations
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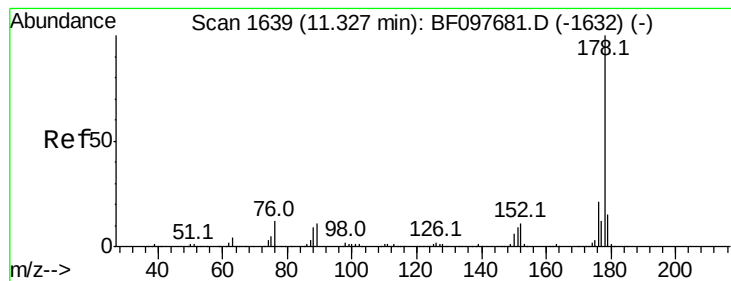
Sohil
8/17/2017 5:58:04 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097763.D
Acq: 17 Aug 2017 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.2	9.4	14.2	
80	12.9	10.2	15.2	





#70

Phenanthrene

Concen: 2.048 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF097763.D

Acq: 17 Aug 2017 3:07

Instrument :

BNA_F

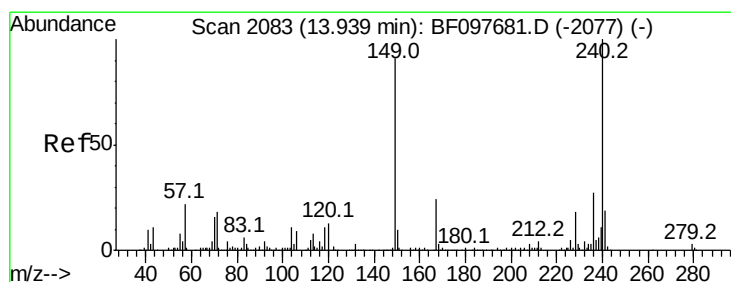
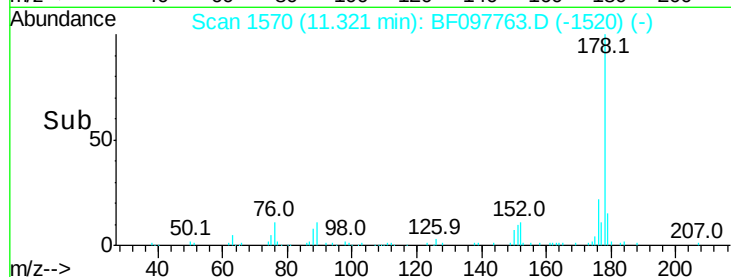
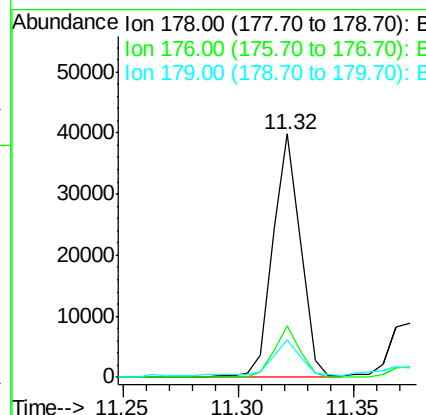
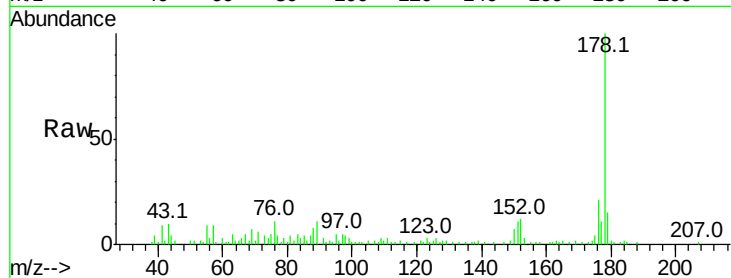
ClientSampled :

E2-J10-SSW

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.2	24.4
179	15.4	12.6	19.0

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#75

Chrysene-d12

Concen: 20.000 ng

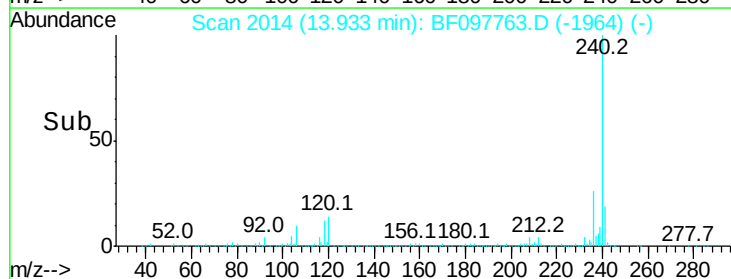
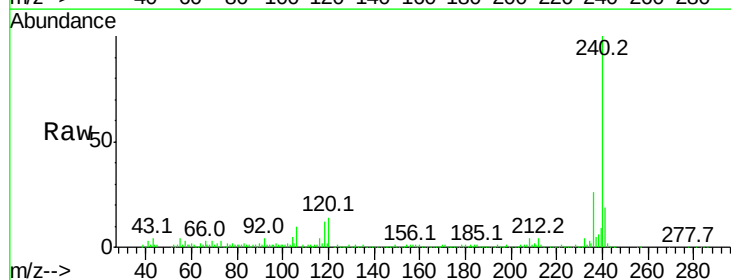
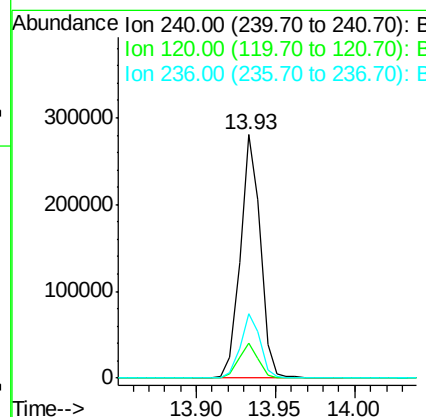
RT: 13.93 min Scan# 2014

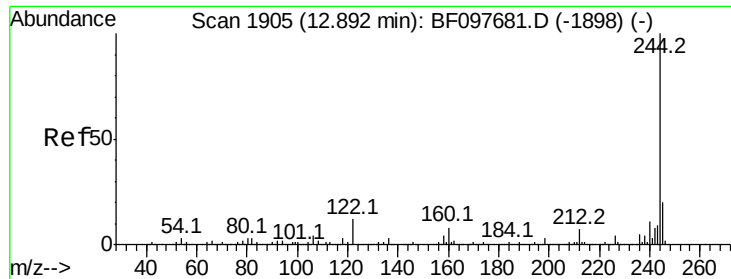
Delta R.T. -0.01 min

Lab File: BF097763.D

Acq: 17 Aug 2017 3:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	26.2	20.5	30.7





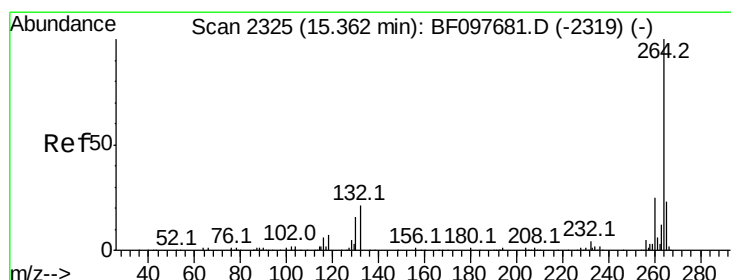
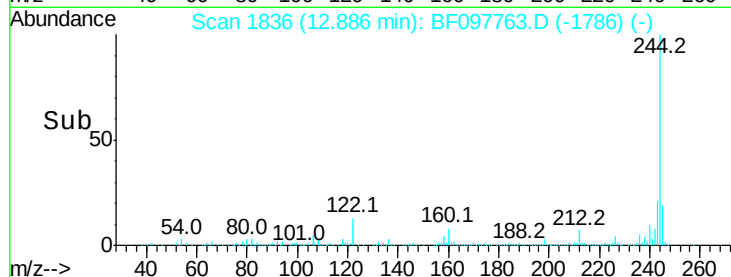
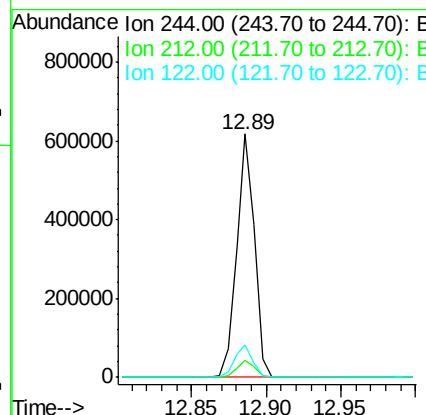
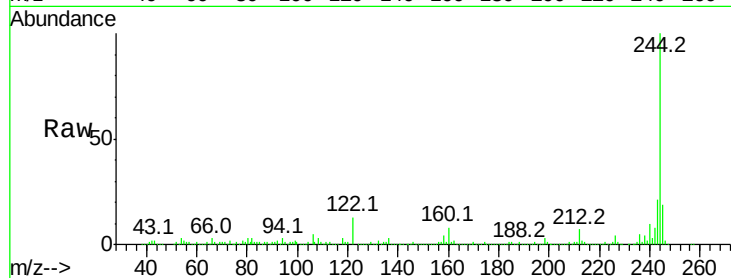
#78
 Terphenyl-d14
 Concen: 44.062 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097763.D
 Acq: 17 Aug 2017 3:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSW

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.4	10.3	15.5

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097763.D
 Acq: 17 Aug 2017 3:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.0	17.2	25.8

