

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097673.D
 Acq On : 13 Aug 2017 14:25
 Operator : SJ/JU
 Sample : I4682-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-ESW

Manual Integrations
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Quant Time: Aug 14 08:16:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	122157	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	501764	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	188880	20.00	ng	-0.02
63) Phenanthrene-d10	14.75	188	250083	20.00	ng	-0.01
75) Chrysene-d12	18.45	240	213827	20.00	ng	-0.01
86) Perylene-d12	20.11	264	188603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	587030	76.38	ng	0.02
7) Phenol-d6	7.07	99	757329	79.44	ng	0.02
23) Nitrobenzene-d5	8.41	82	427703	53.45	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	67456	46.98	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	615761	49.20	ng	-0.02
78) Terphenyl-d14	17.10	244	320683	31.04	ng	-0.02
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	7.40	146	50594	5.128	ng	97
13) 1,4-Dichlorobenzene	7.53	146	23169	2.307	ng	95
14) 1,2-Dichlorobenzene	7.76	146	46024	5.022	ng	97
30) 1,2,4-Trichlorobenzene	9.46	180	30640	4.765	ng	97
31) Naphthalene	9.56	128	85778	3.413	ng	98
37) 2-Methylnaphthalene	10.69	142	44429	2.810	ng	97
49) Dimethylphthalate	11.99	163	177396	12.187	ng	99
70) Phenanthrene	14.79	178	146567	10.176	ng	99
71) Anthracene	14.88	178	35982m	2.442	ng	
74) Fluoranthene	16.56	202	133533	10.260	ng	98
77) Pyrene	16.86	202	134842	7.626	ng	96
80) Benzo(a)anthracene	18.44	228	63641	5.096	ng	92
82) Chrysene	18.49	228	69884	5.626	ng	96
85) Indeno(1,2,3-cd)pyrene	21.34	276	34543	3.575	ng	98
87) Benzo(b)fluoranthene	19.71	252	80079m	7.071	ng	
88) Benzo(k)fluoranthene	19.74	252	25406m	2.227	ng	
89) Benzo(a)pyrene	20.07	252	63919	6.149	ng	# 96
91) Benzo(g,h,i)perylene	21.69	276	46088	5.645	ng	92

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

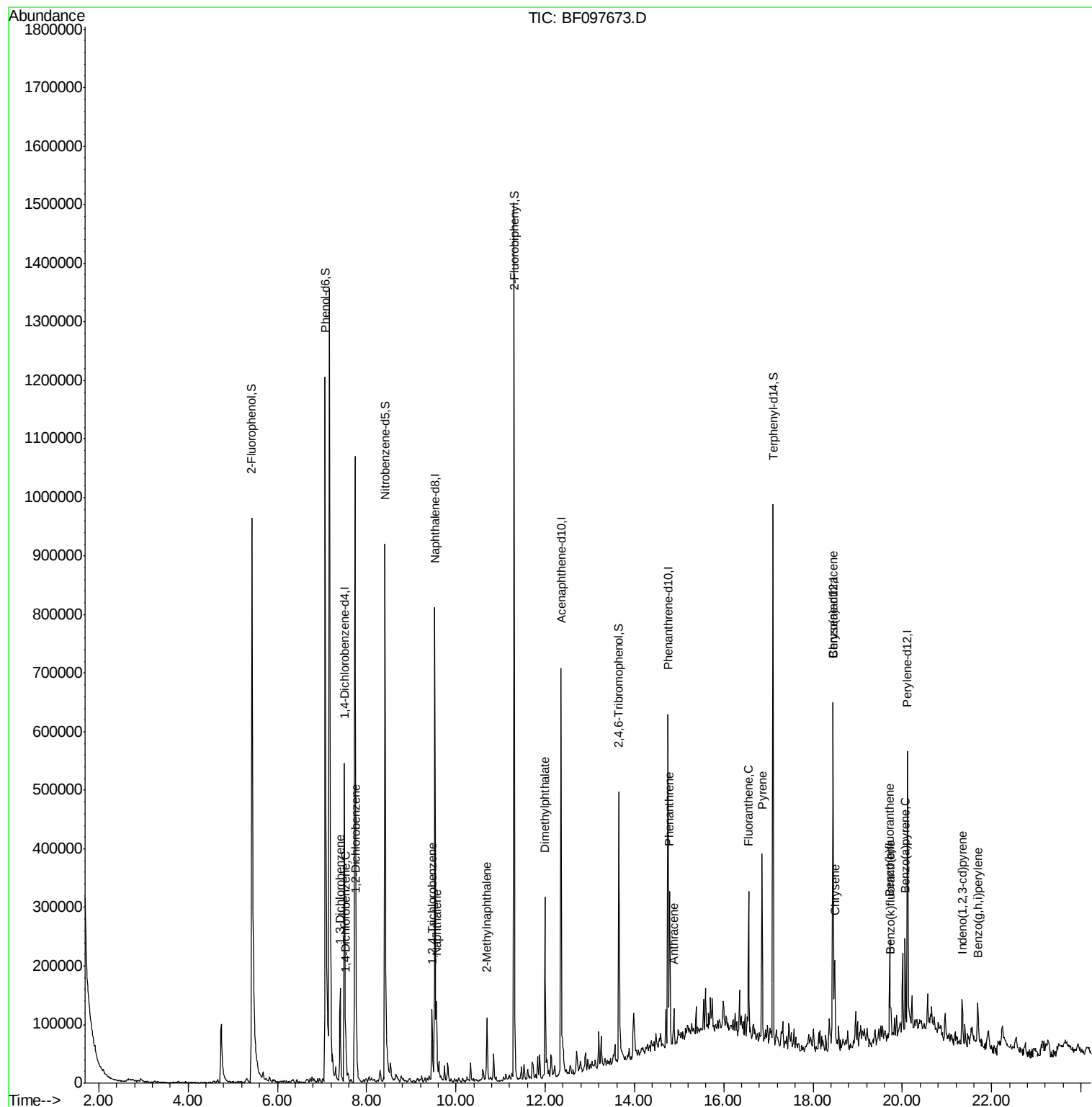
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
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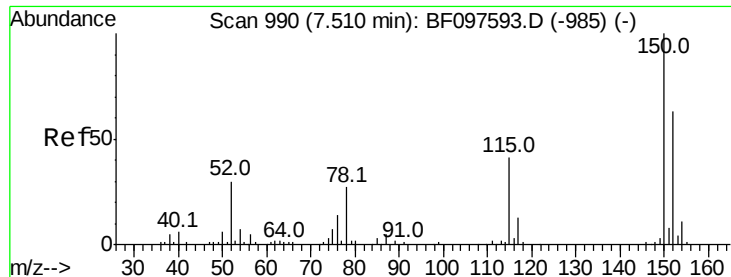
Instrument :
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#1

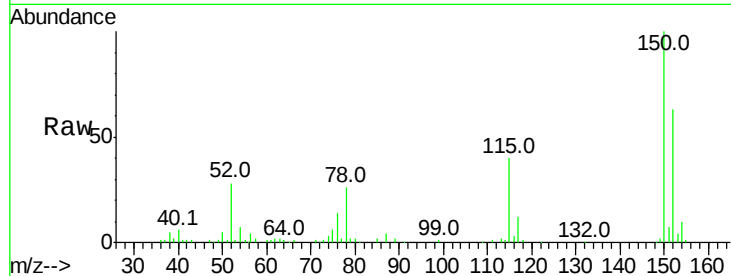
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

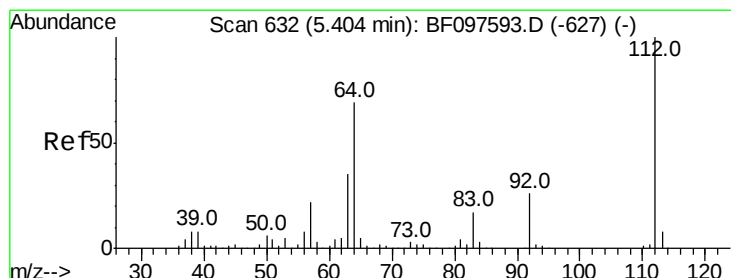
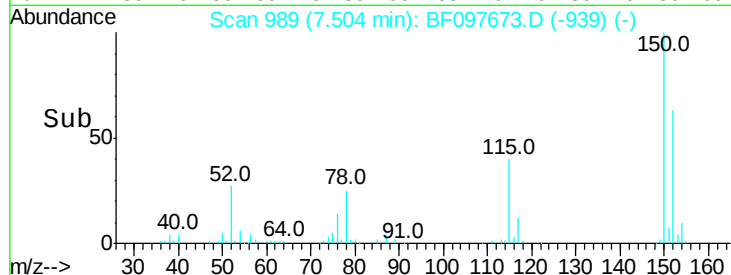
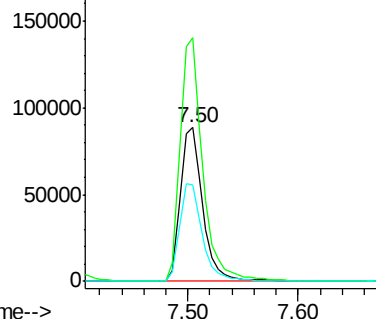
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	62.9	52.2	78.2

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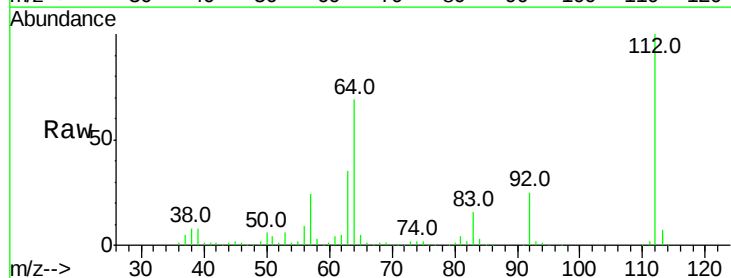
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



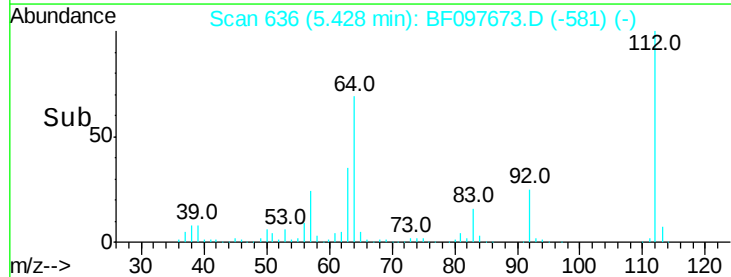
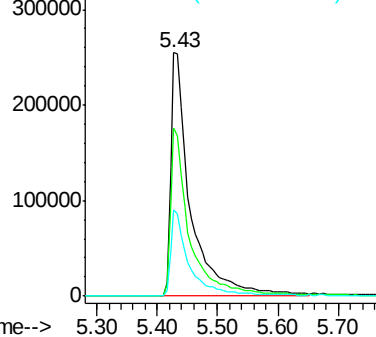
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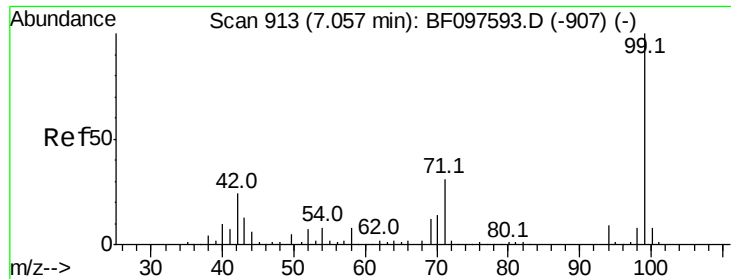
2-Fluorophenol
Concen: 76.384 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	46.0	69.0
63	35.4	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: 79.437 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097673.D

Acq: 13 Aug 2017 14:25

Instrument :

BNA_F

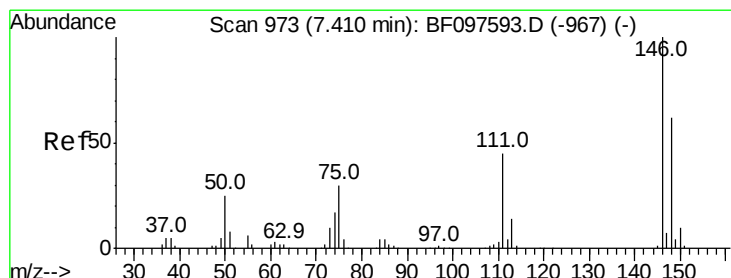
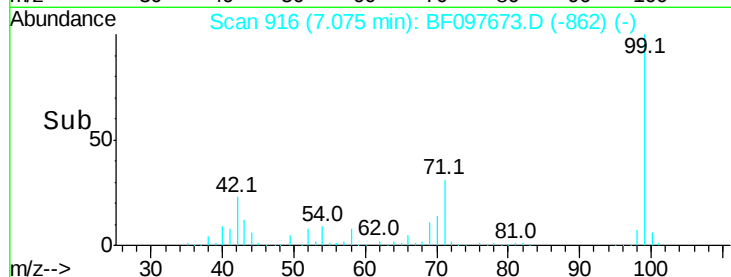
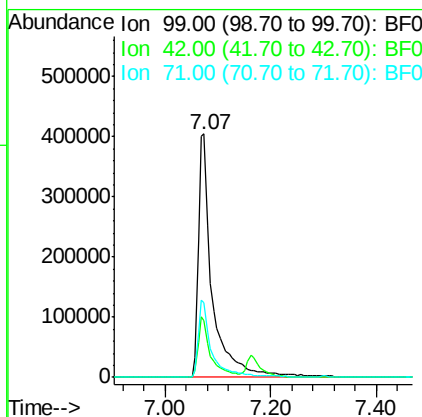
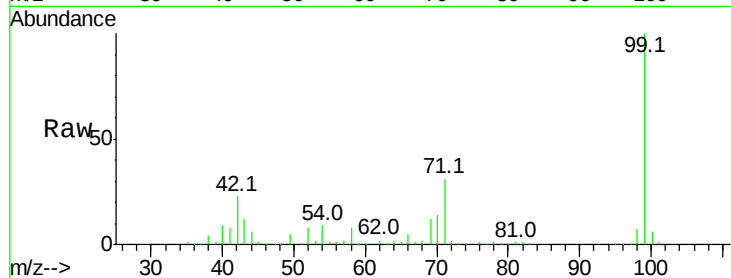
ClientSampled :

E2-G10-ESW

Tot Ion:	99	Resp:	757329
Ion Ratio	Lower	Upper	
99	100		
42	23.3	13.5	20.3#
71	30.9	24.5	36.7

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#12

1,3-Dichlorobenzene

Concen: 5.128 ng

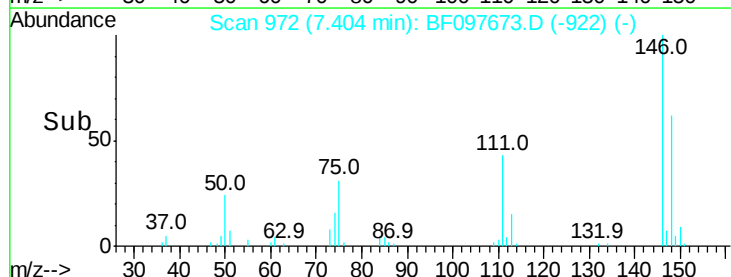
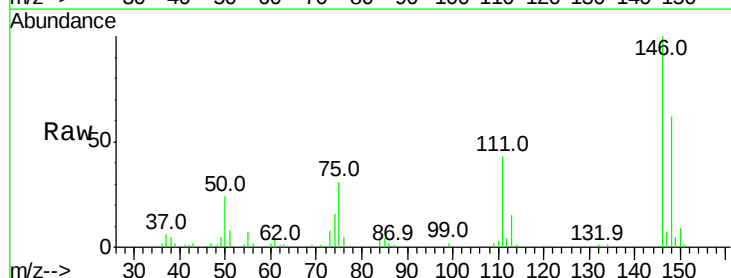
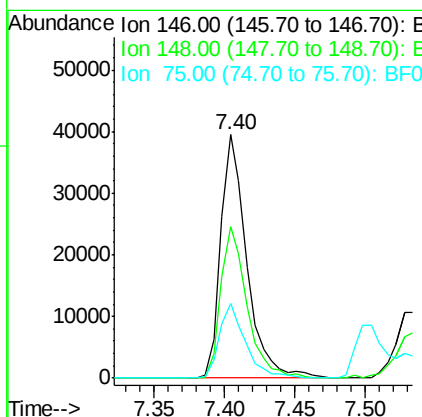
RT: 7.40 min Scan# 972

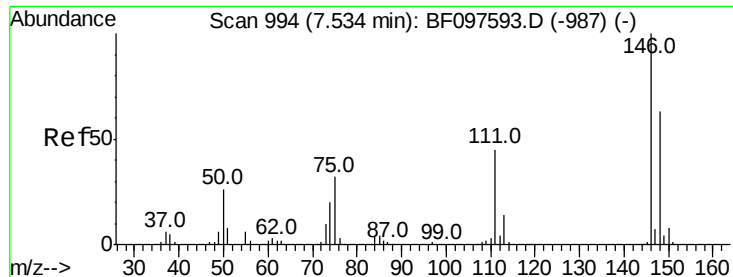
Delta R.T. -0.01 min

Lab File: BF097673.D

Acq: 13 Aug 2017 14:25

Tgt Ion:	146	Resp:	50594
Ion Ratio	Lower	Upper	
146	100		
148	62.0	51.8	77.6
75	30.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 2.307 ng

RT: 7.53 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF097673.D

Acq: 13 Aug 2017 14:25

Instrument :

BNA_F

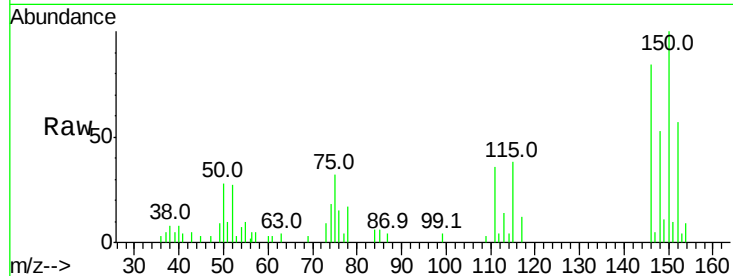
ClientSampleId :

E2-G10-ESW

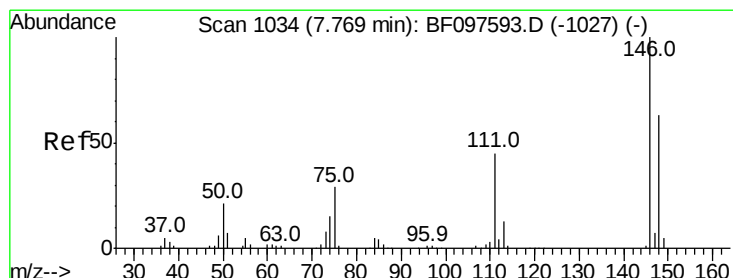
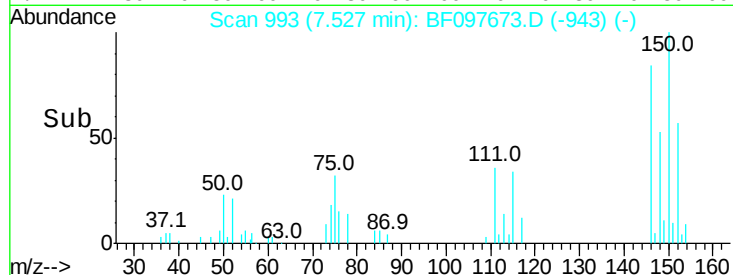
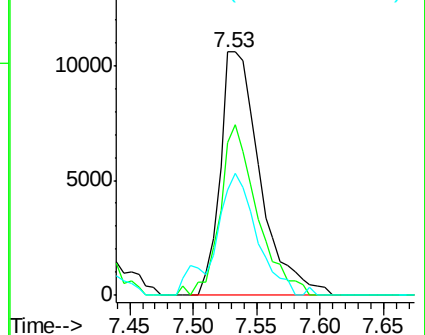
Tot Ion:	146	Resp:	23169
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.2
111	43.2	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 5.022 ng

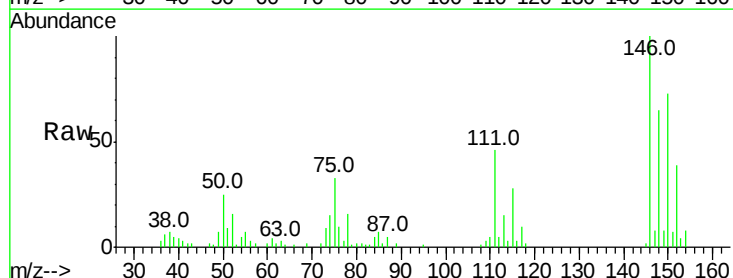
RT: 7.76 min Scan# 1033

Delta R.T. -0.01 min

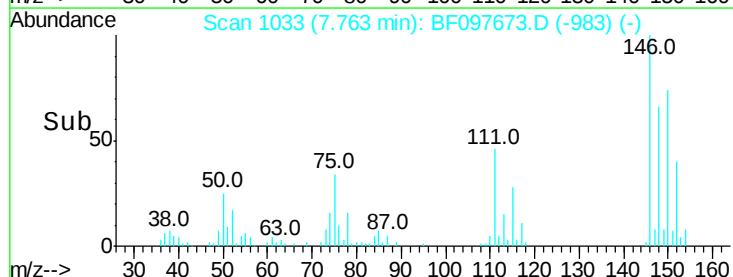
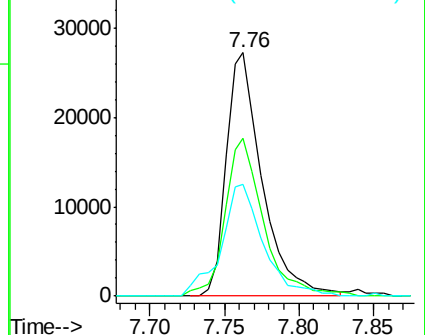
Lab File: BF097673.D

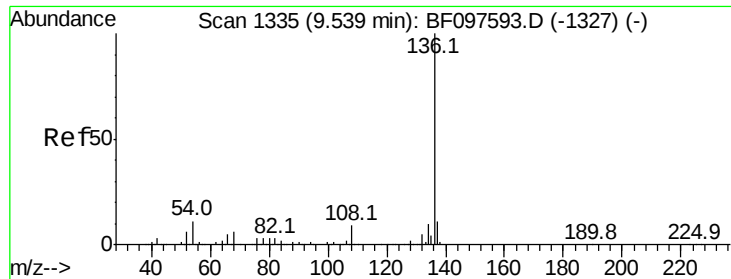
Acq: 13 Aug 2017 14:25

Tgt Ion:	146	Resp:	46024
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.4	75.6
111	45.8	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





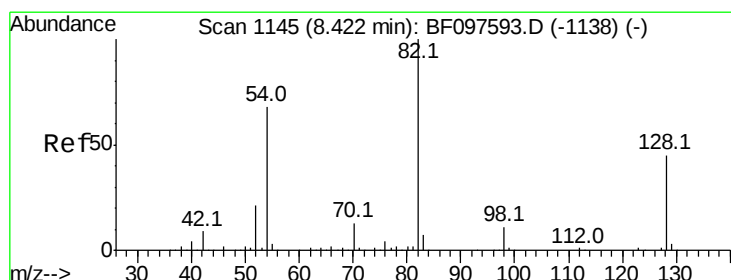
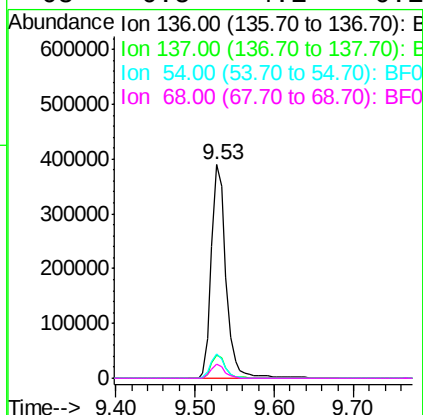
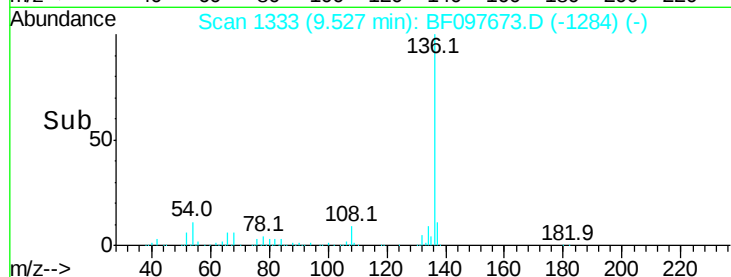
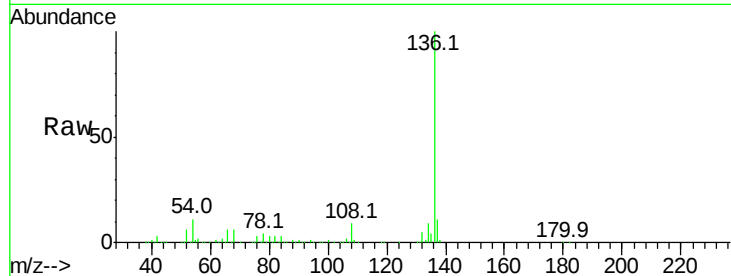
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.53 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	11.3	4.9	7.3#	
68	6.5	4.1	6.1#	

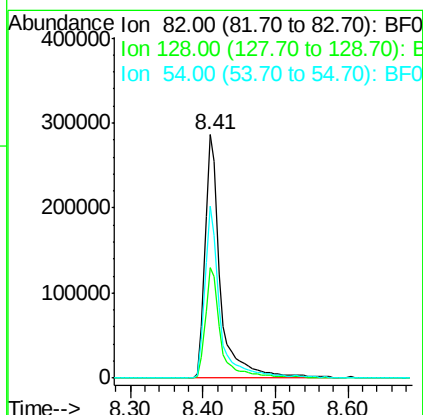
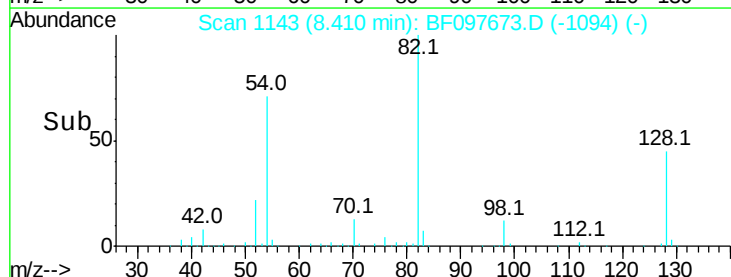
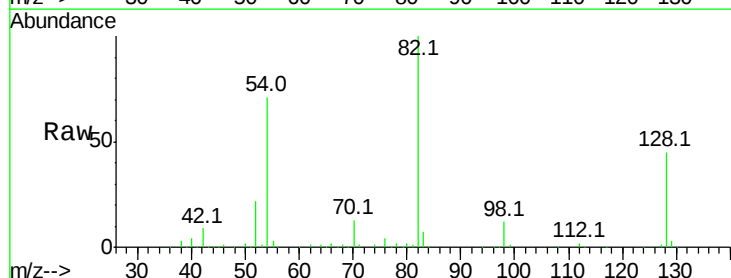
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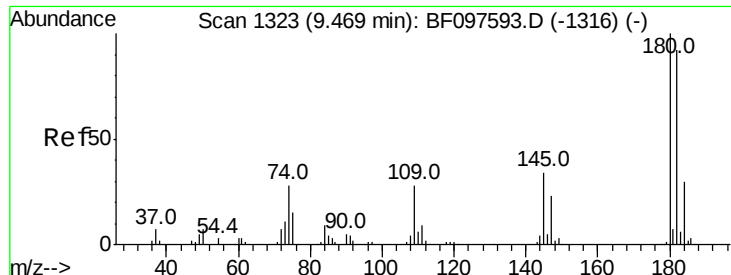
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#23
Nitrobenzene-d5
Concen: 53.449 ng
RT: 8.41 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	34.0	51.0	
54	70.7	42.2	63.2#	





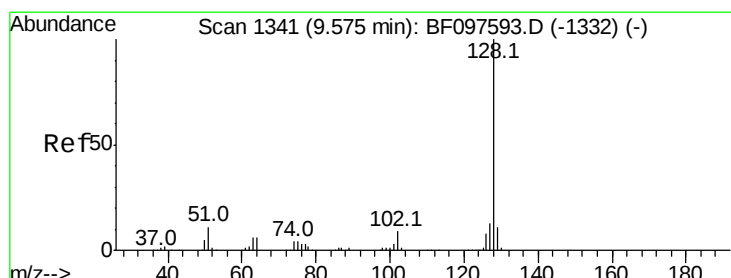
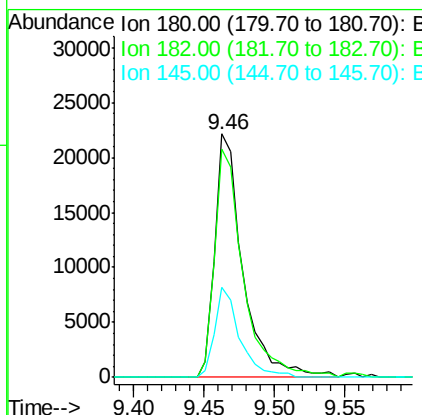
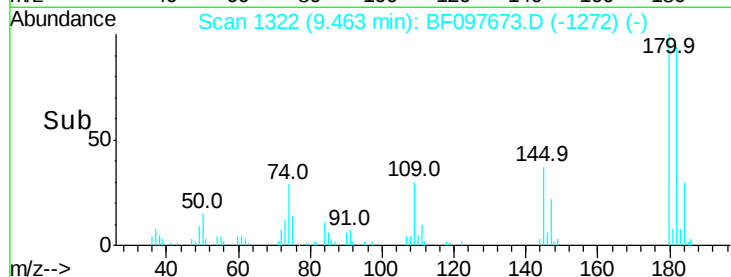
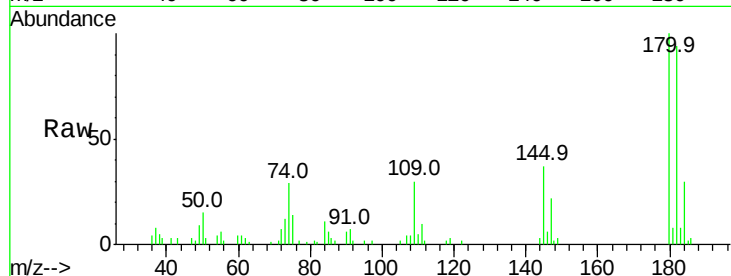
#30
 1,2,4-Trichlorobenzene
 Concen: 4.765 ng
 RT: 9.46 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF097673.D
 Acq: 13 Aug 2017 14:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-ESW

Tot Ion:	180	Resp:	30640
Ion Ratio	Lower	Upper	
180	100		
182	93.6	75.8	113.6
145	37.1	25.3	37.9

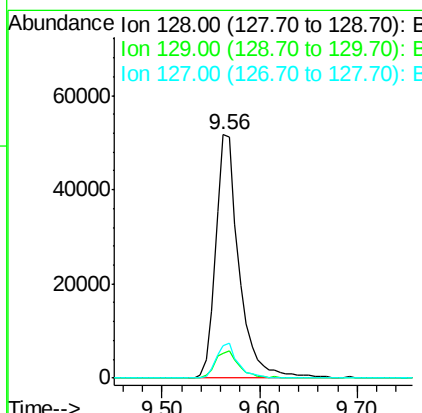
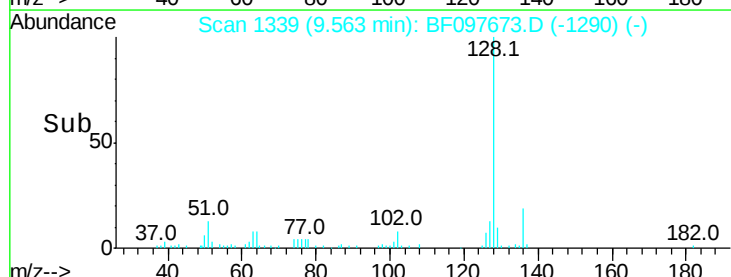
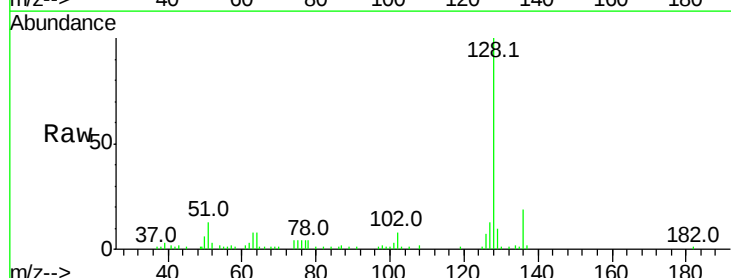
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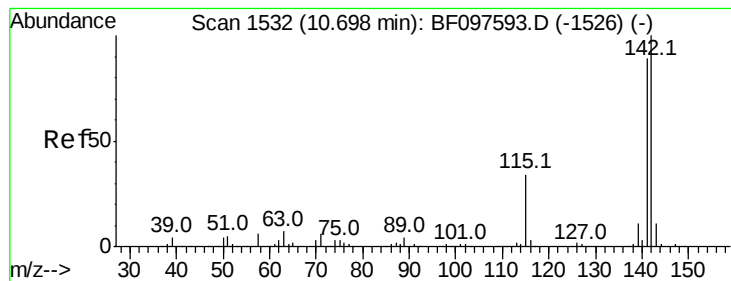
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#31
 Naphthalene
 Concen: 3.413 ng
 RT: 9.56 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF097673.D
 Acq: 13 Aug 2017 14:25

Tgt Ion:	128	Resp:	85778
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.0	13.6
127	13.2	10.8	16.2





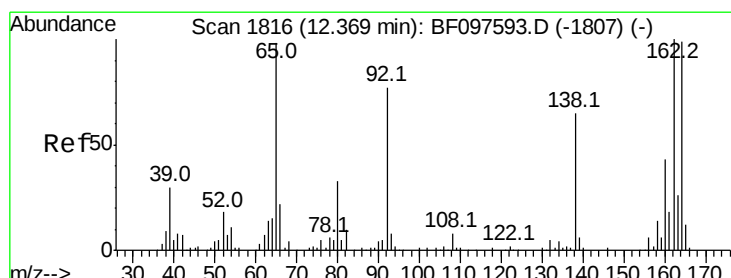
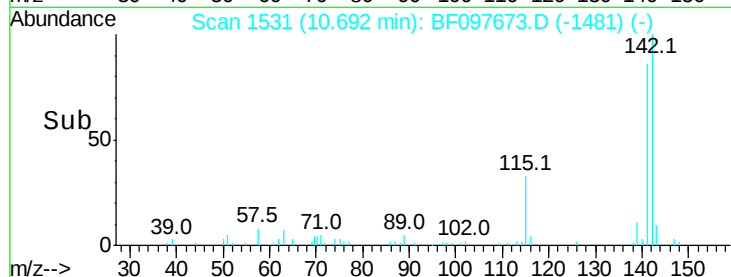
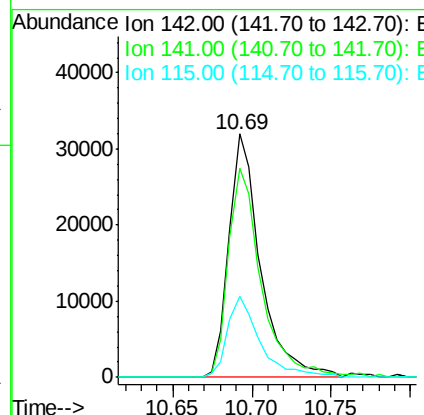
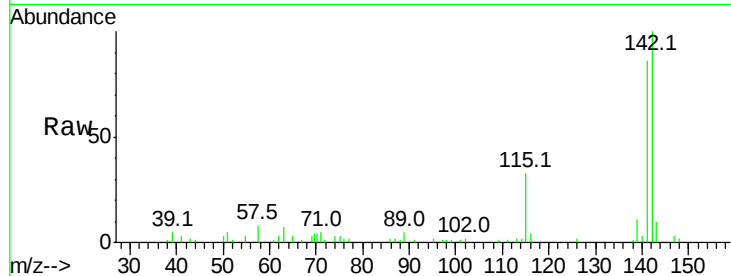
#37
2-Methylnaphthalene
Concen: 2.810 ng
RT: 10.69 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.9	71.3	106.9
115	33.4	27.1	40.7

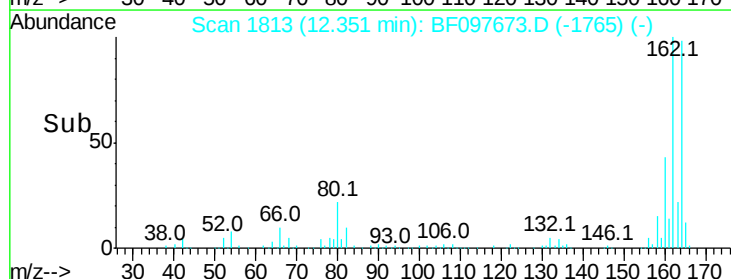
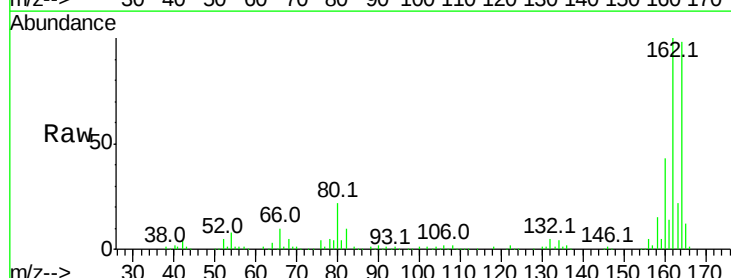
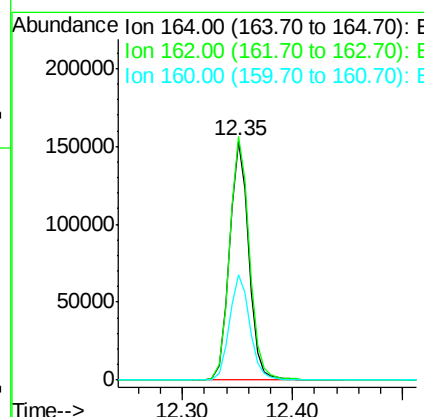
Manual Integrations
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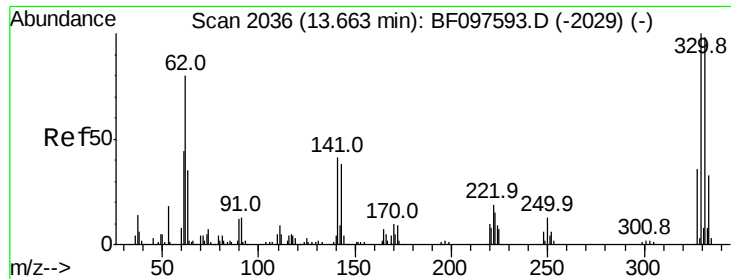
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.35 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	43.9	36.2	54.2





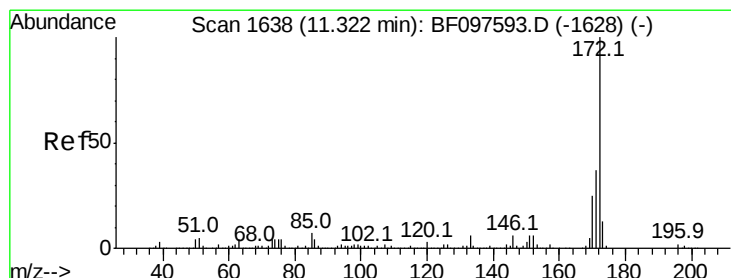
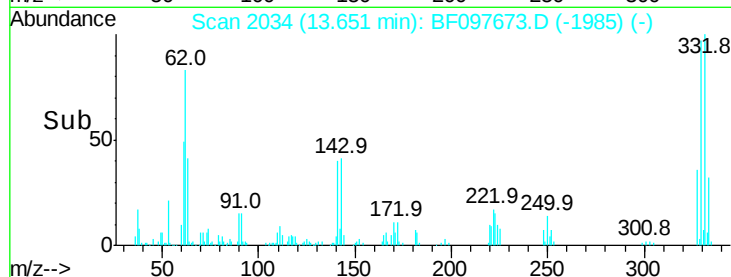
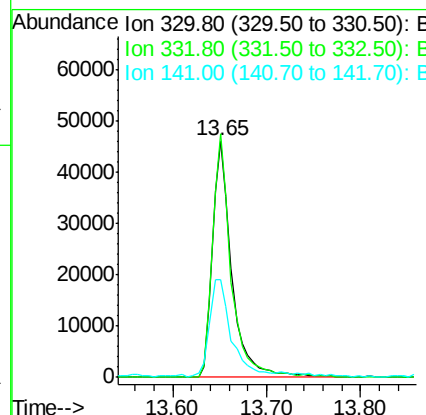
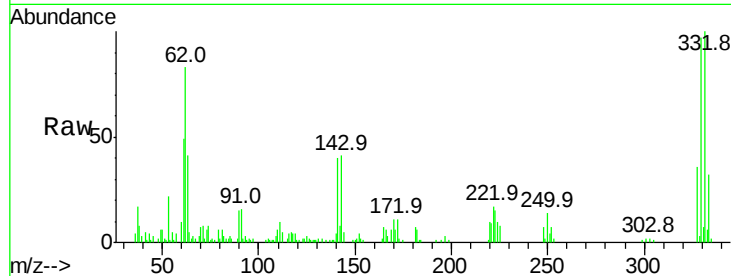
#41
 2,4,6-Tribromophenol
 Concen: 46.980 ng
 RT: 13.65 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF097673.D
 Acq: 13 Aug 2017 14:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	67456		
332	99.3	76.6	115.0	
141	47.1	31.4	47.2	

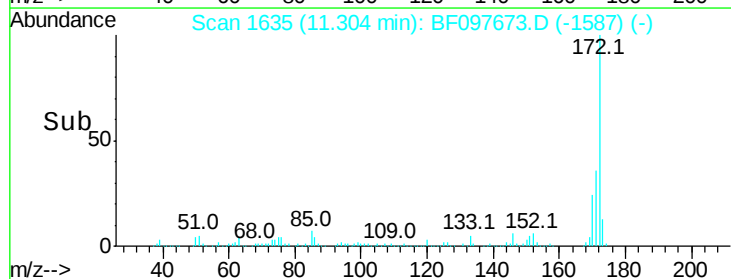
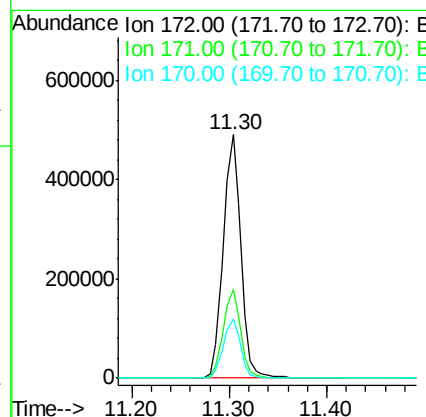
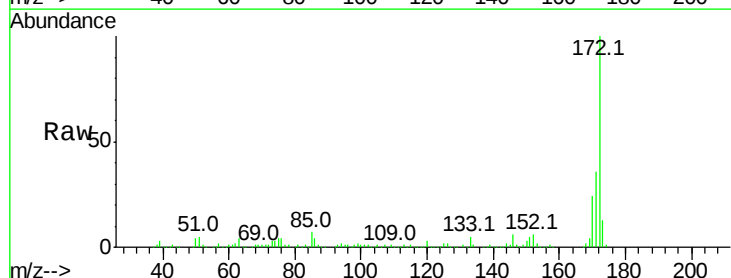
Manual Integrations
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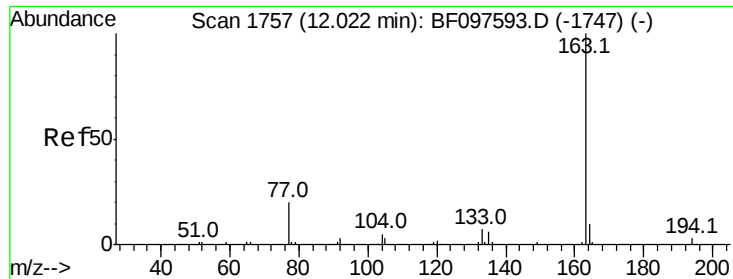
sohil
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#44
 2-Fluorobiphenyl
 Concen: 49.201 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097673.D
 Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	615761		
171	36.4	29.6	44.4	
170	24.4	19.8	29.8	





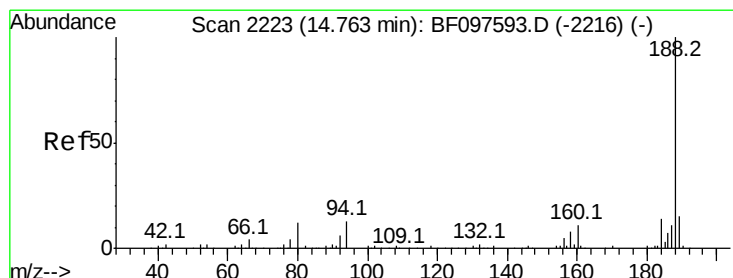
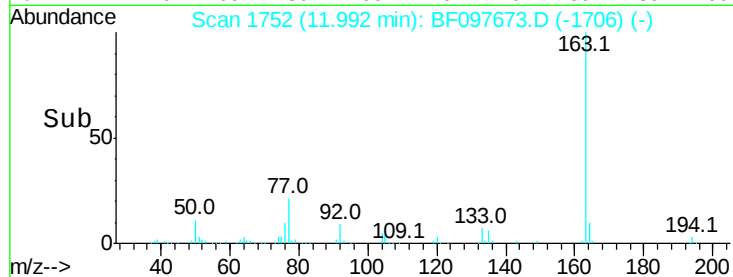
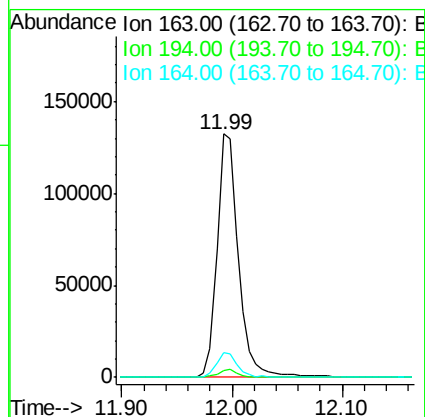
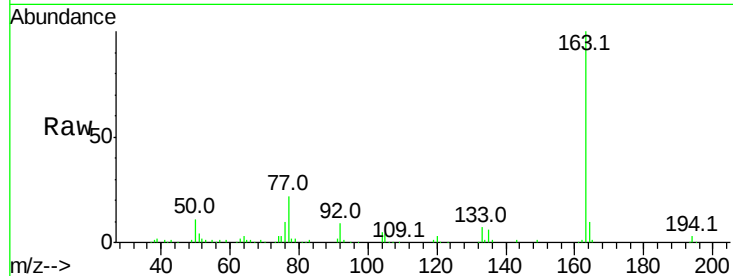
#49
Dimethylphthalate
Concen: 12.187 ng
RT: 11.99 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
163	100	177396		
194	3.0		2.6	4.0
164	10.2		8.4	12.6

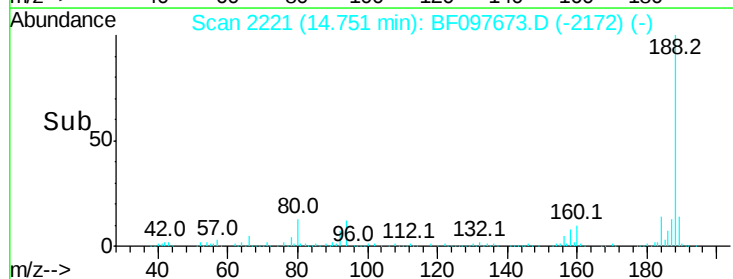
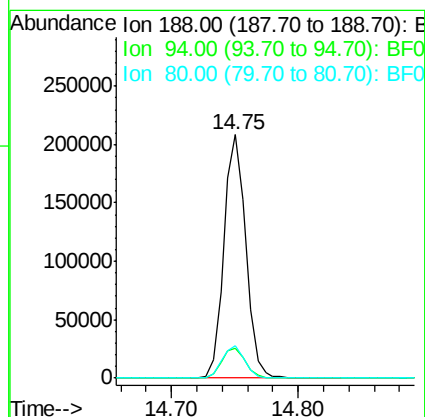
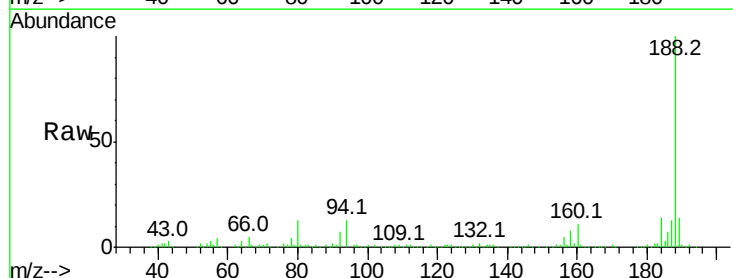
Manual Integrations
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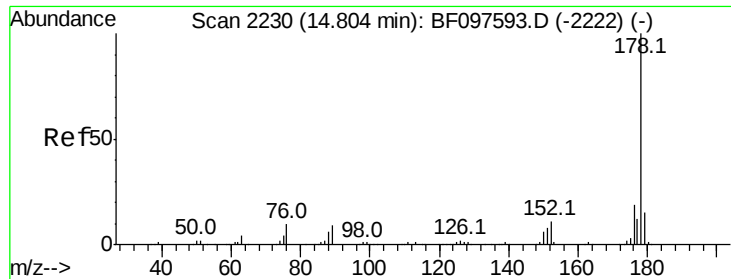
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	250083		
94	12.5		9.4	14.2
80	13.1		10.2	15.2





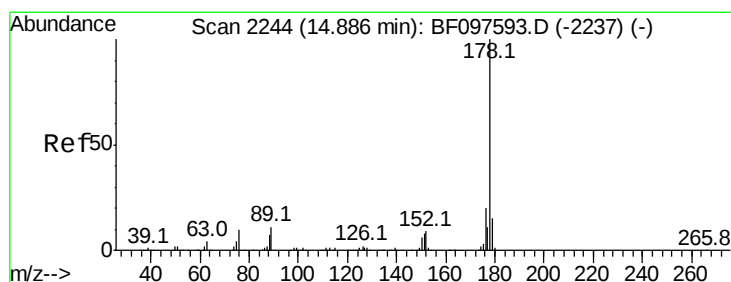
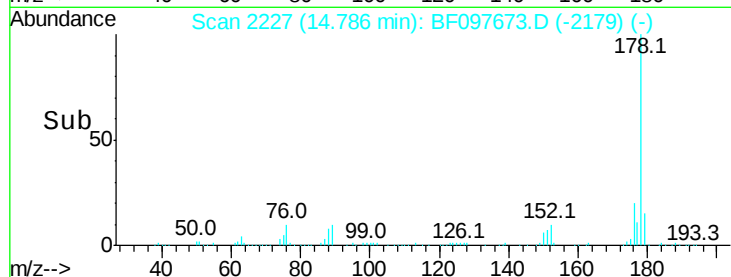
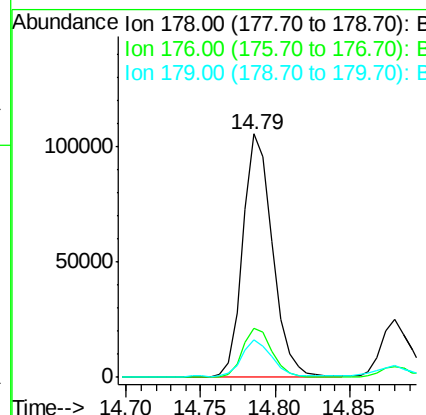
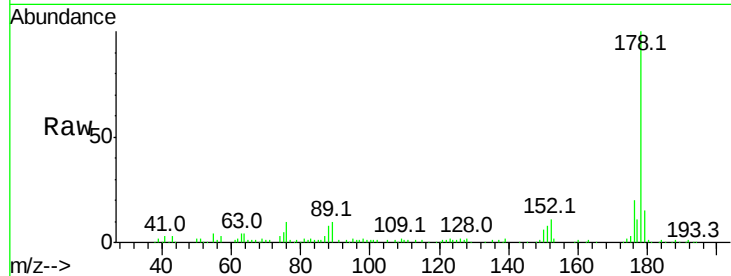
#70
Phenanthrene
Concen: 10.176 ng
RT: 14.79 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
178	100	146567		
176	19.9	16.2	24.4	
179	15.4	12.6	19.0	

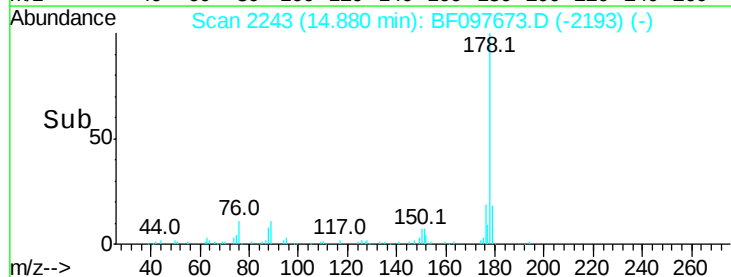
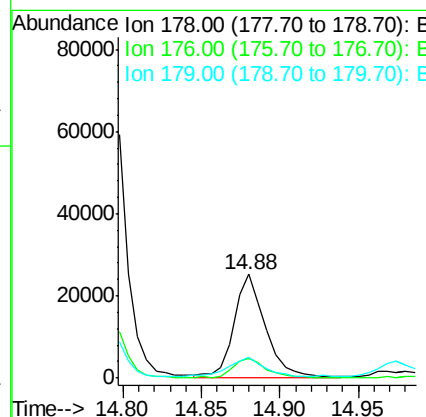
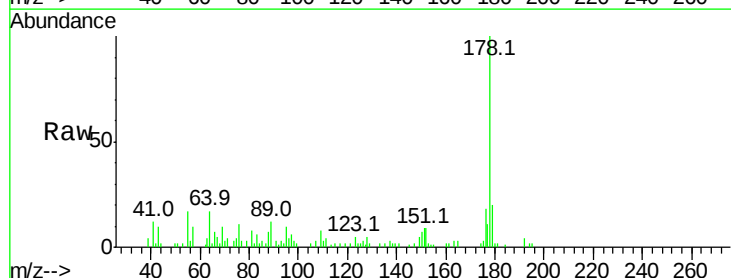
Manual Integrations
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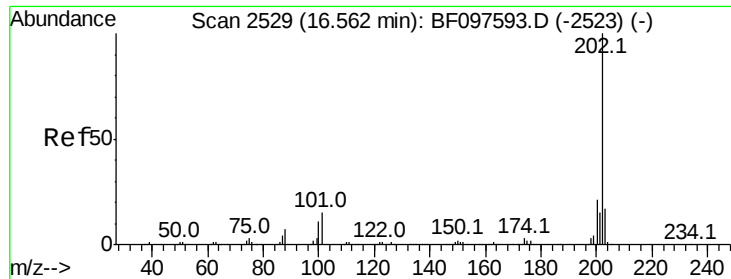
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#71
Anthracene
Concen: 2.442 ng m
RT: 14.88 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	35982		
176	18.4	15.8	23.8	
179	19.7	12.7	19.1	





#74

Fluoranthene

Concen: 10.260 ng

RT: 16.56 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF097673.D

Acq: 13 Aug 2017 14:25

Instrument :

BNA_F

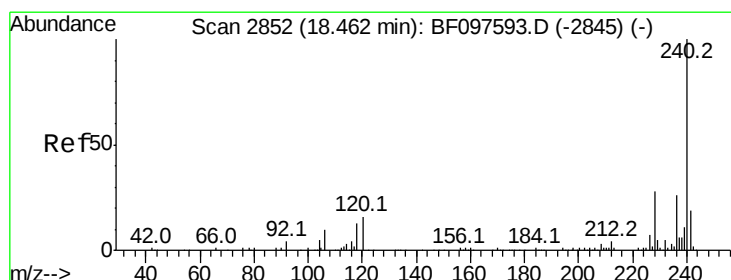
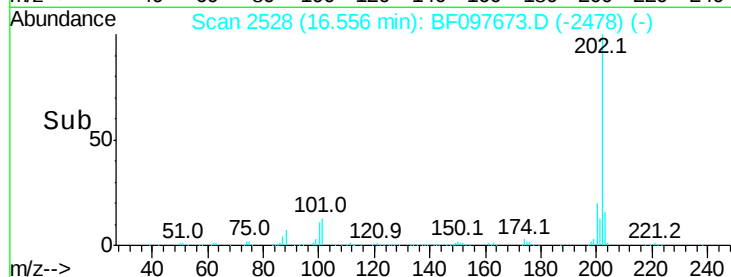
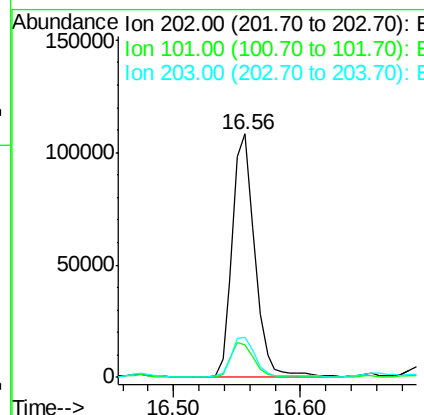
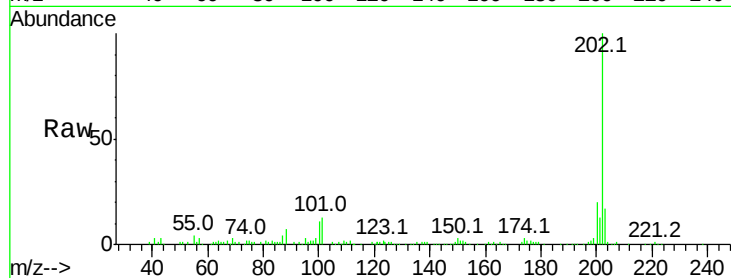
ClientSampleId :

E2-G10-ESW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	13.3	0.0	33.2		
203	16.6	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

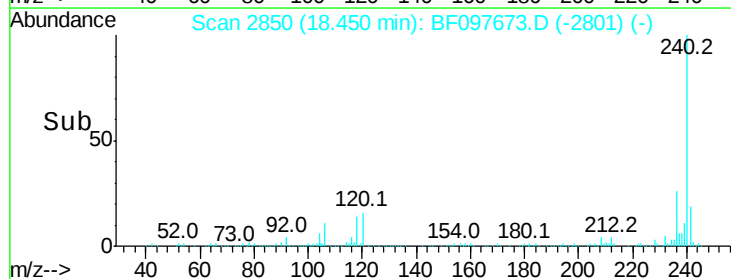
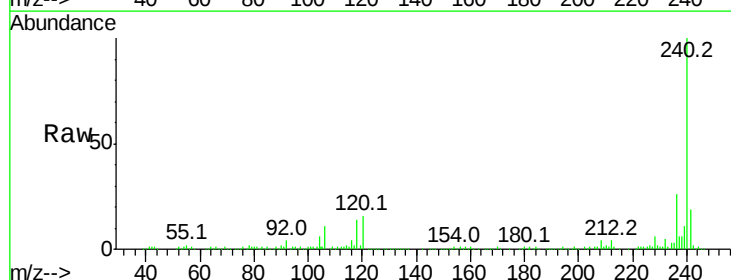
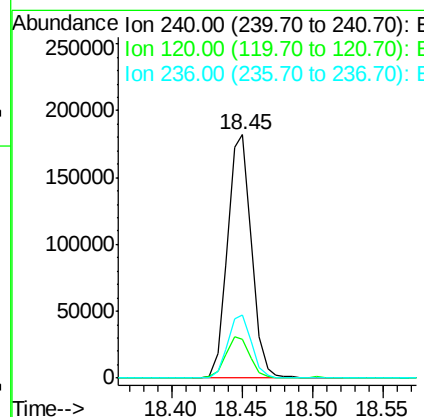
RT: 18.45 min Scan# 2850

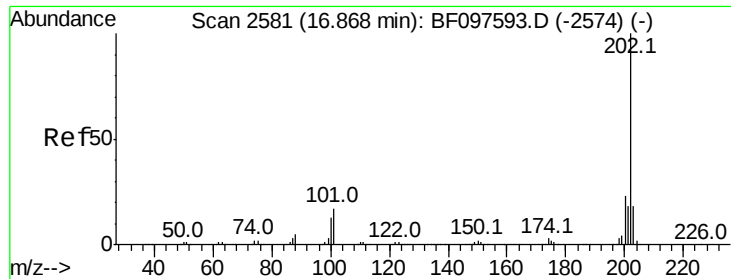
Delta R.T. -0.01 min

Lab File: BF097673.D

Acq: 13 Aug 2017 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	16.1	5.8	8.8#		
236	25.9	20.5	30.7		





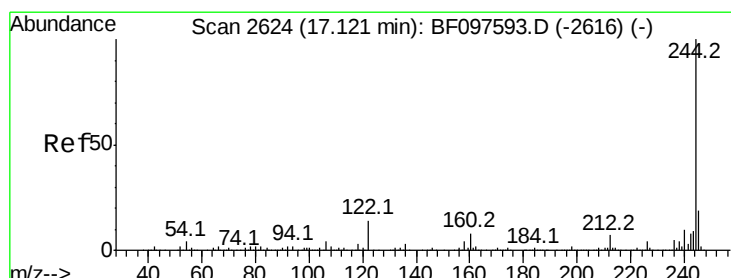
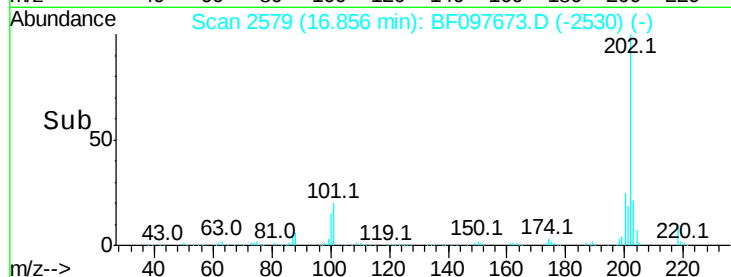
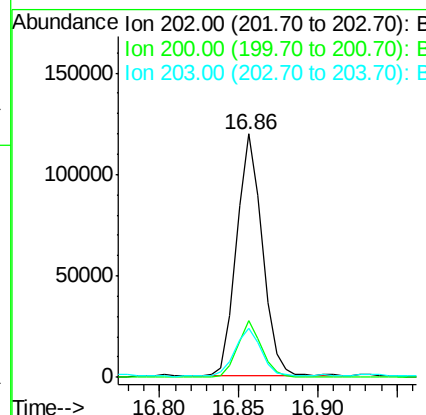
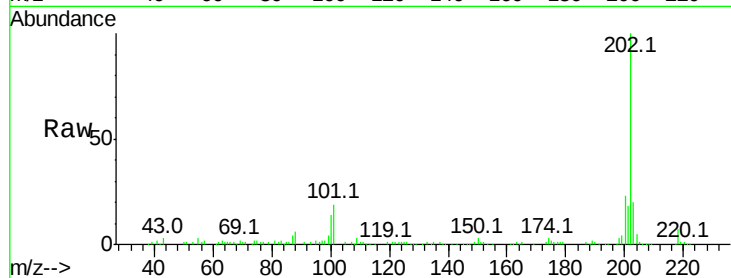
#77
Pvrene
Concen: 7.626 ng
RT: 16.86 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.4	17.6	26.4
203	20.1	14.4	21.6

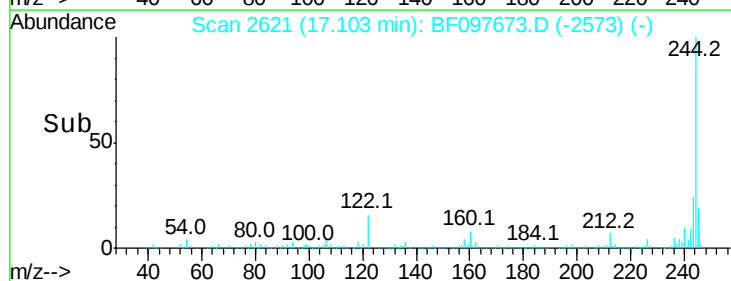
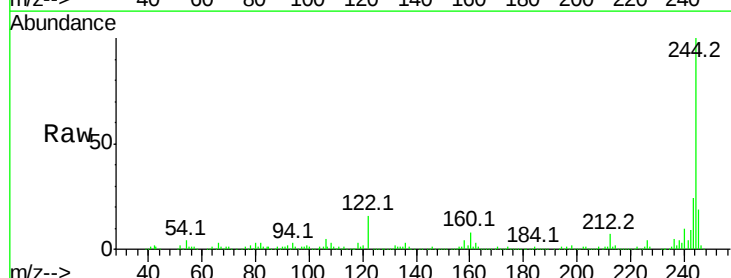
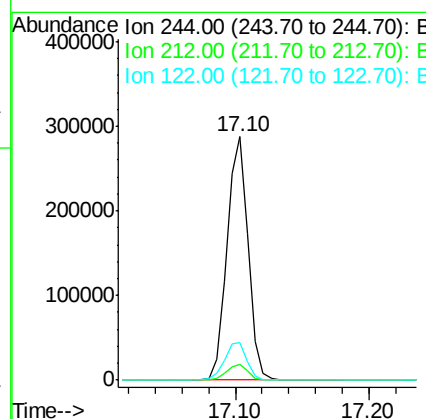
Manual Integrations
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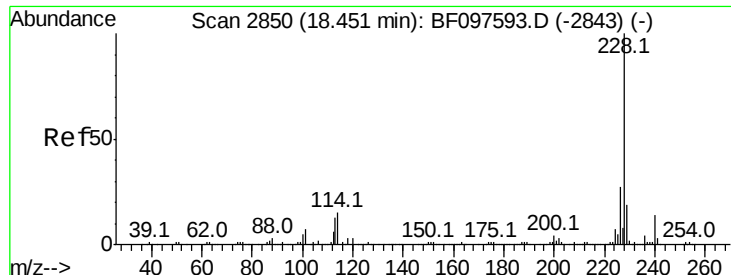
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#78
Terphenyl-d14
Concen: 31.039 ng
RT: 17.10 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.7	10.3	15.5





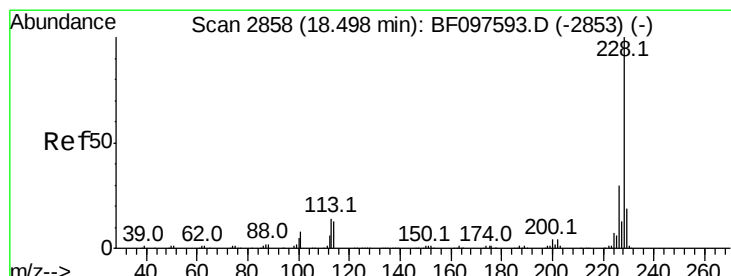
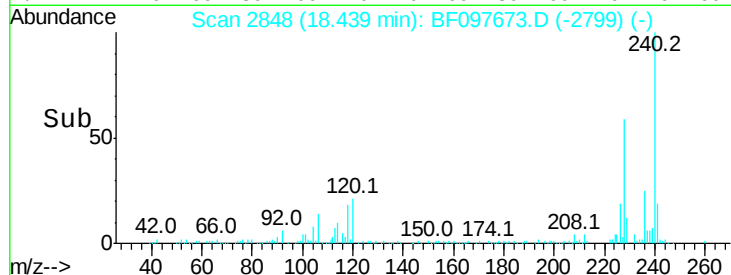
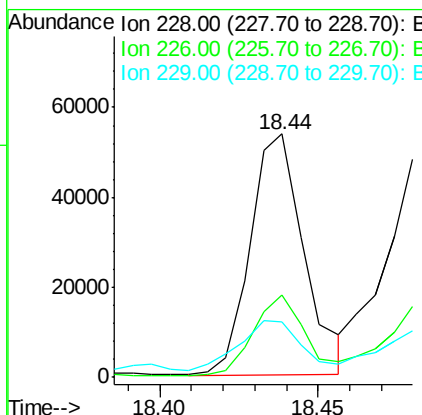
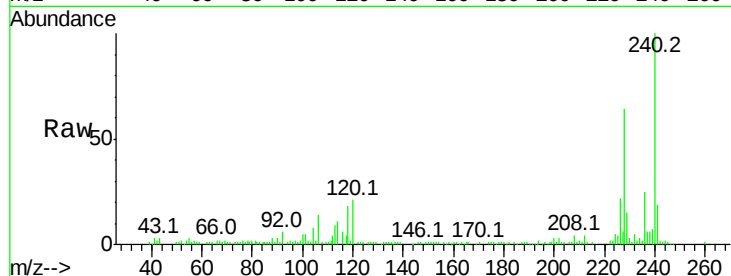
#80
Benzo(a)anthracene
Concen: 5.096 ng
RT: 18.44 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.6	33.8
229	23.0	16.3	24.5

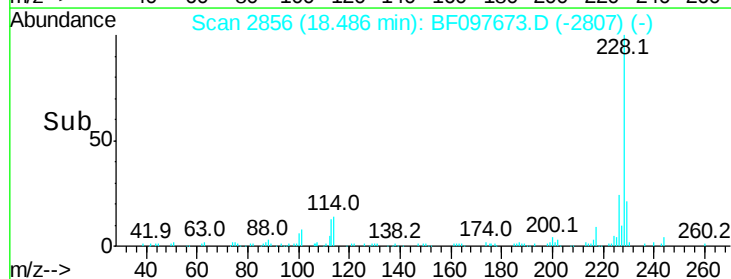
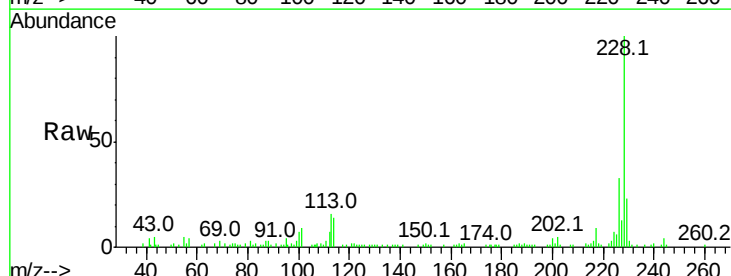
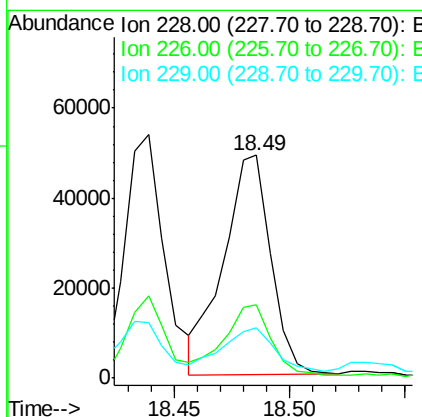
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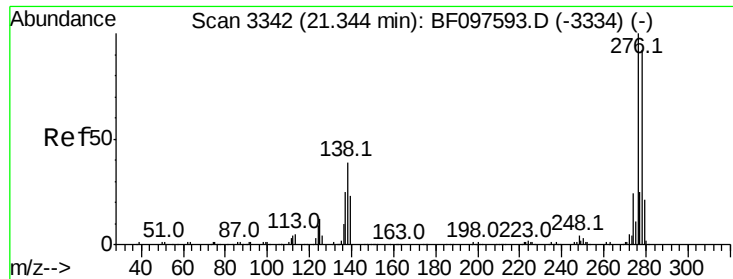
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#82
Chrysene
Concen: 5.626 ng
RT: 18.49 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	22.5	15.8	23.6





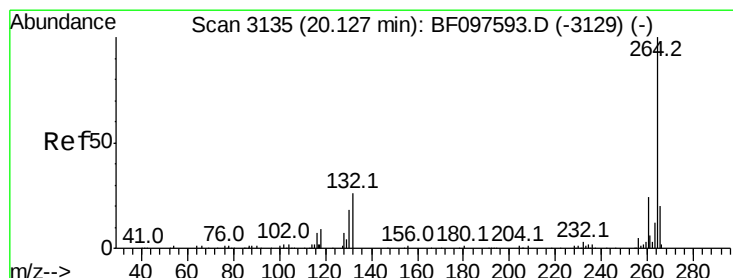
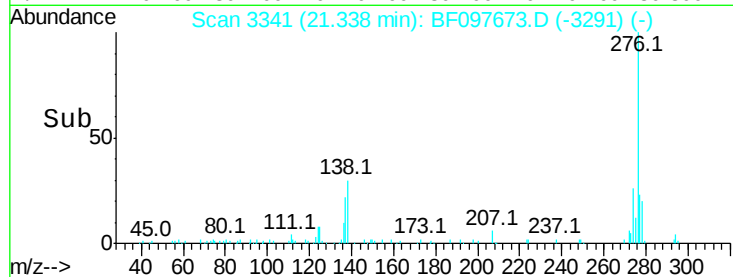
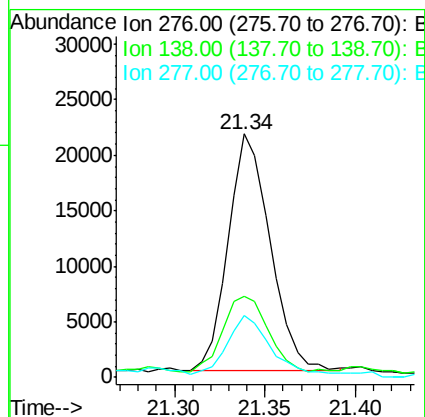
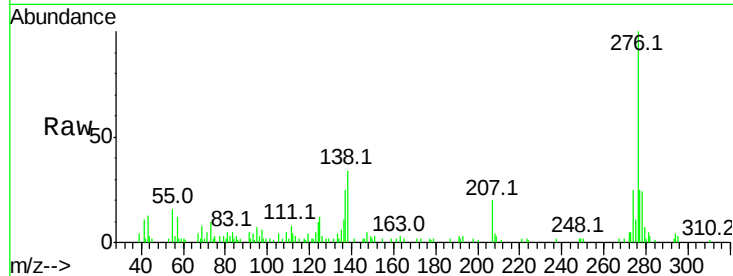
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.575 ng
RT: 21.34 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

Tot Ion:	276	Resp:	34543
Ion Ratio	Lower	Upper	
276	100		
138	35.9	27.8	41.6
277	24.0	20.2	30.4

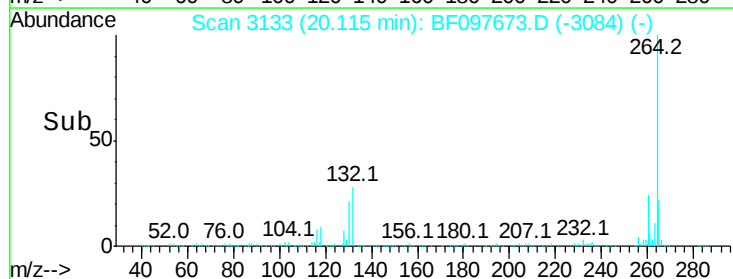
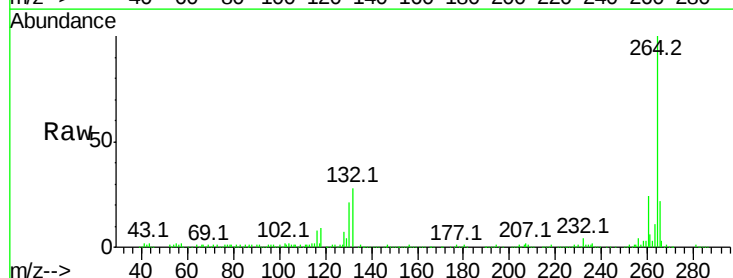
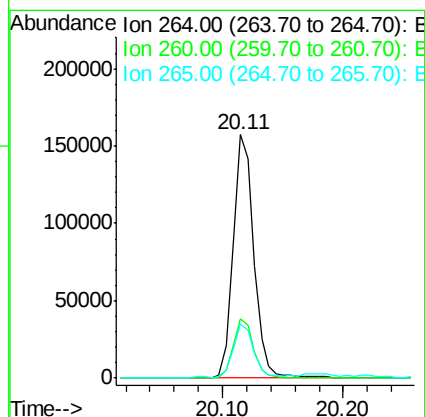
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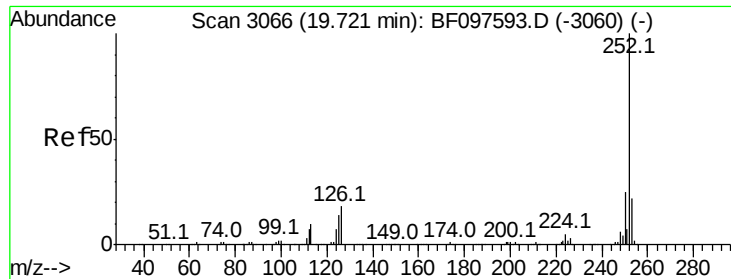
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#86
Perylene-d12
Concen: 20.000 ng
RT: 20.11 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion:	264	Resp:	188603
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	22.0	17.2	25.8





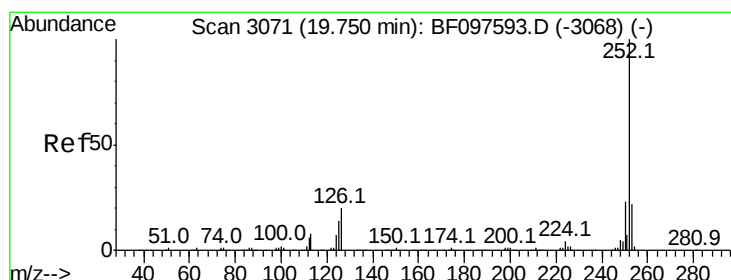
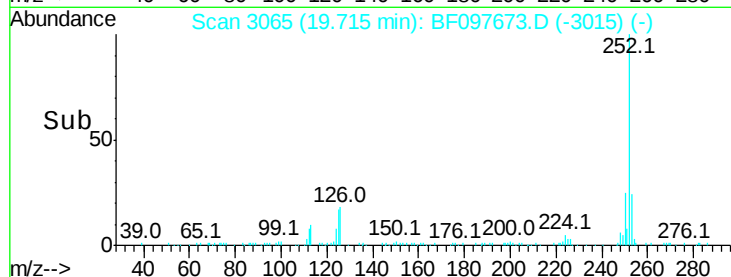
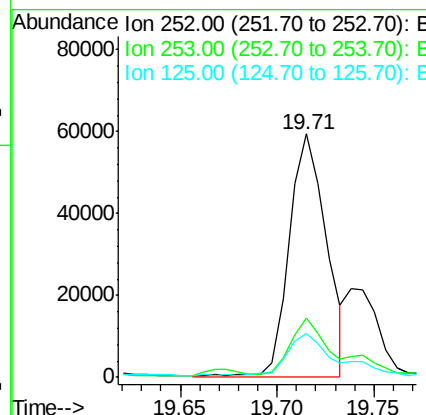
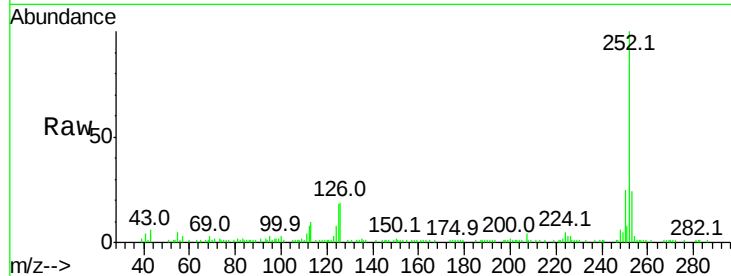
#87
Benzo(b)fluoranthene
Concen: 7.071 ng m
RT: 19.71 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	17.9	9.8	14.8

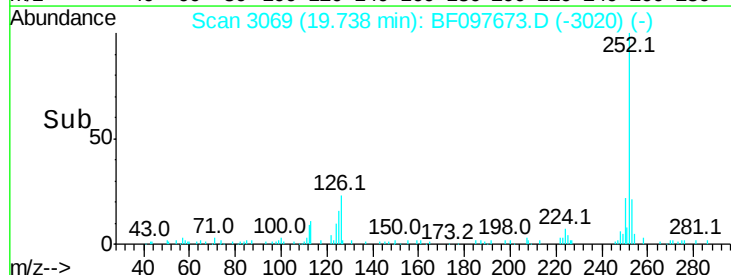
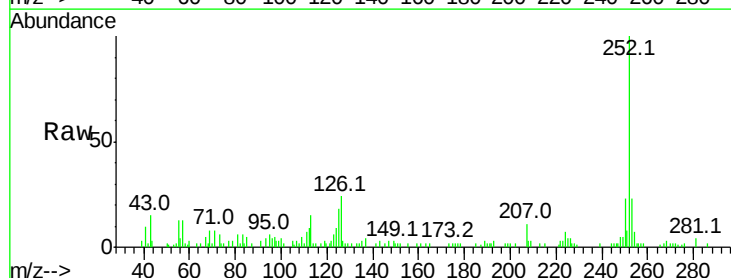
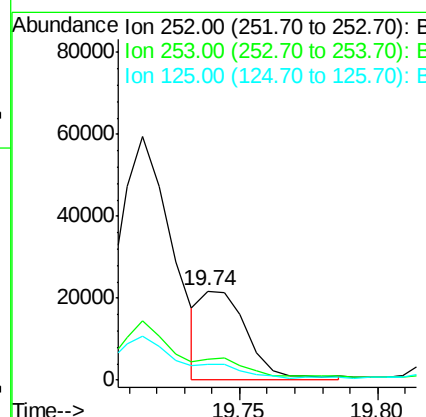
Manual Integrations
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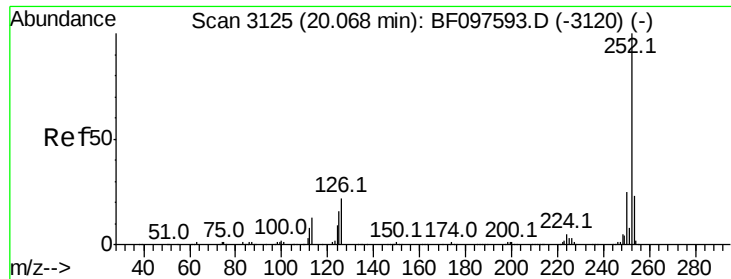
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#88
Benzo(k)fluoranthene
Concen: 2.227 ng m
RT: 19.74 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	18.1	13.1	19.7





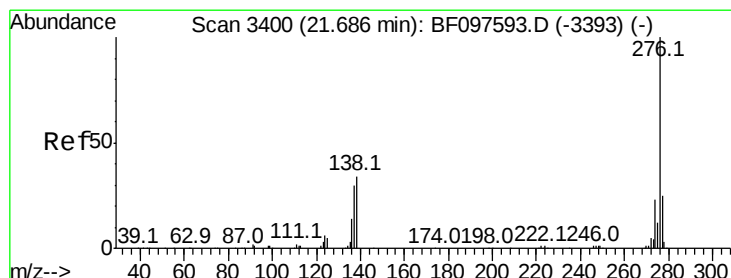
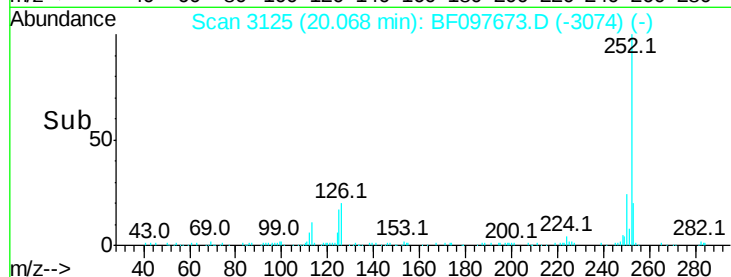
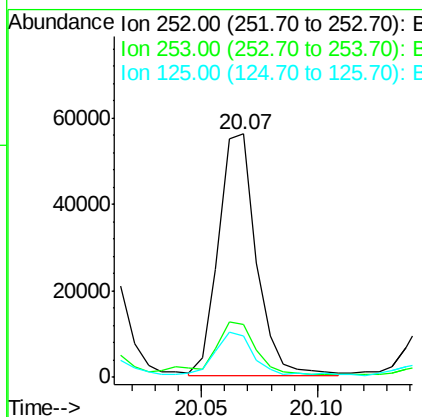
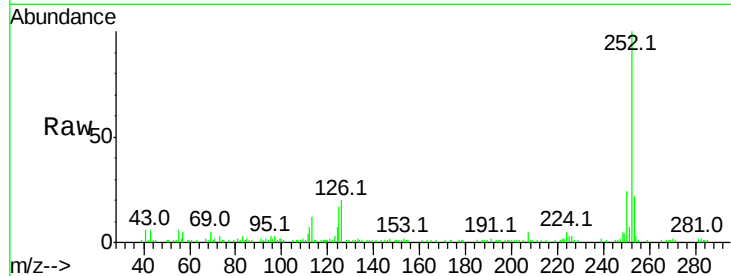
#89
Benzo(a)pyrene
Concen: 6.149 ng
RT: 20.07 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Instrument :
BNA_F
ClientSampleId :
E2-G10-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	17.1	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.645 ng
RT: 21.69 min Scan# 3401
Delta R.T. 0.01 min
Lab File: BF097673.D
Acq: 13 Aug 2017 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	37.4	25.4	38.0

