

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097316.D
 Acq On : 3 Aug 2017 12:53
 Operator : SJ/JU
 Sample : I4527-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Manual Integrations
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Quant Time: Aug 03 13:30:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	113583	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	444416	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	207983	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	311343	20.00	ng	0.00
75) Chrysene-d12	13.57	240	208469	20.00	ng	-0.01
86) Perylene-d12	14.91	264	176343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	701244	93.07	ng	0.00
7) Phenol-d6	6.12	99	793921	92.30	ng	0.00
23) Nitrobenzene-d5	7.02	82	469906	62.03	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	143579	87.37	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	764946	62.42	ng	0.00
78) Terphenyl-d14	12.53	244	485306	47.46	ng	0.00
Target Compounds						
10) Phenol	6.13	94	37630	3.688	ng	98
49) Dimethylphthalate	9.21	163	182004	11.524	ng	100
70) Phenanthrene	10.97	178	142927	8.568	ng	99
71) Anthracene	11.02	178	44503	2.605	ng	99
74) Fluoranthene	12.15	202	181145	11.084	ng	98
77) Pyrene	12.37	202	168580	9.878	ng	99
80) Benzo(a)anthracene	13.56	228	67764	5.024	ng	98
82) Chrysene	13.60	228	63868	4.849	ng	96
87) Benzo(b)fluoranthene	14.56	252	61396m	5.792	ng	
88) Benzo(k)fluoranthene	14.58	252	24597m	2.435	ng	
89) Benzo(a)pyrene	14.86	252	48632	5.013	ng	96
91) Benzo(a,h,i)perylene	16.48	276	17622	2.112	ng	90

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

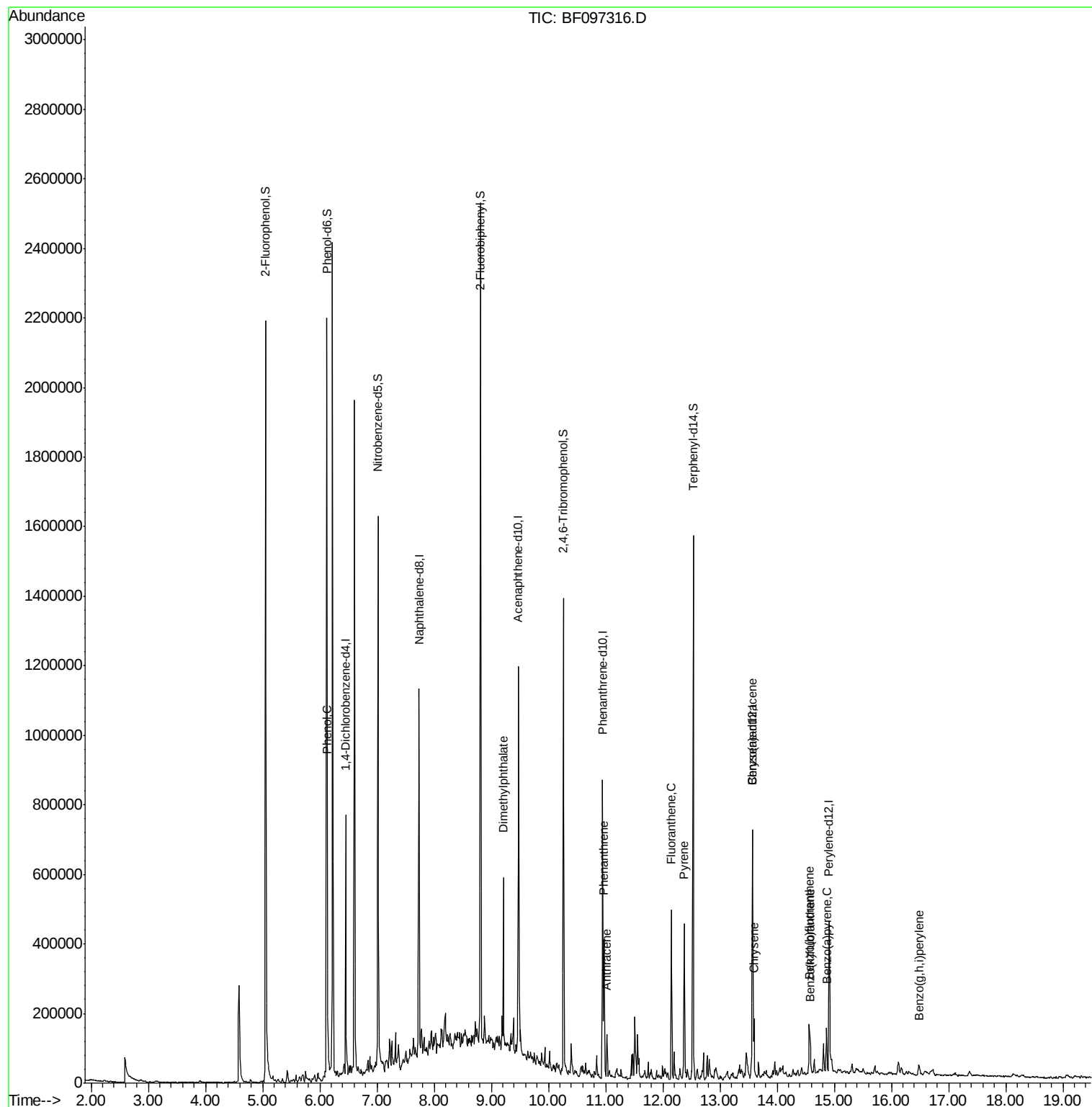
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
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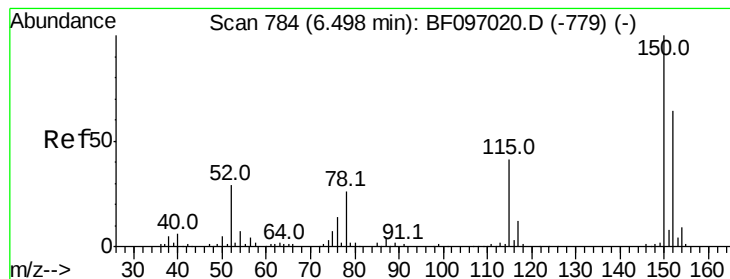
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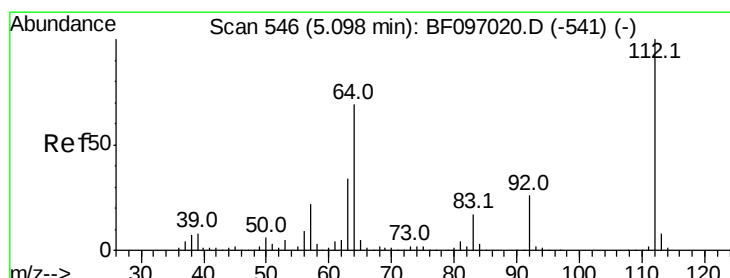
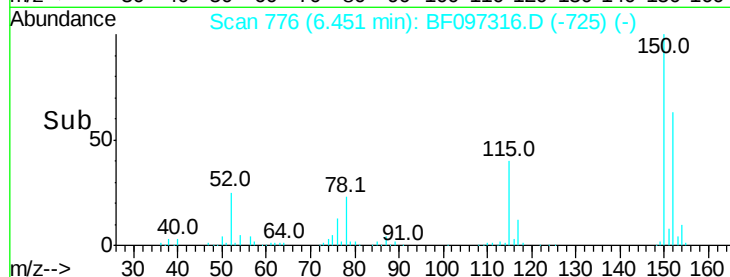
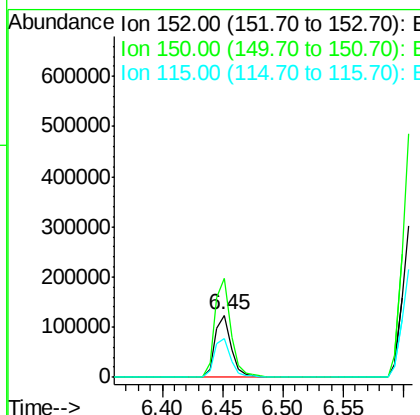
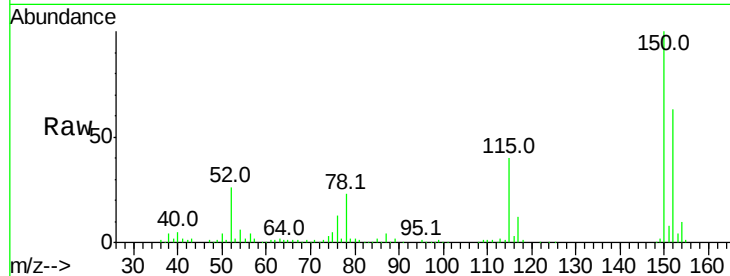
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF097316.D
 Acq: 3 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	62.9	52.2	78.2

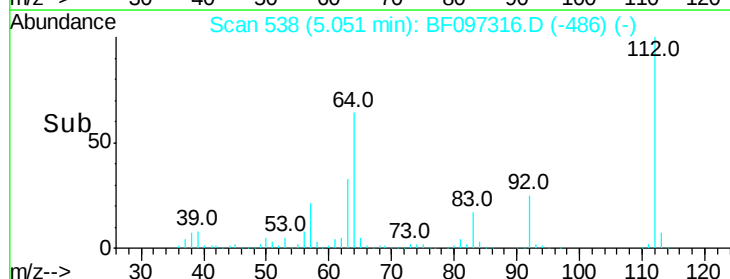
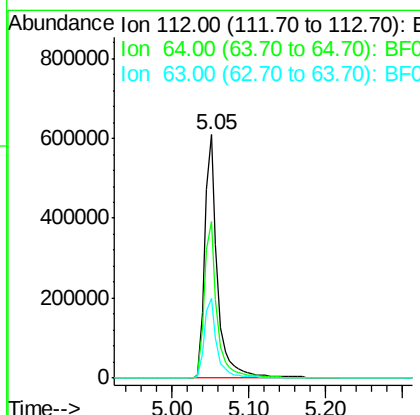
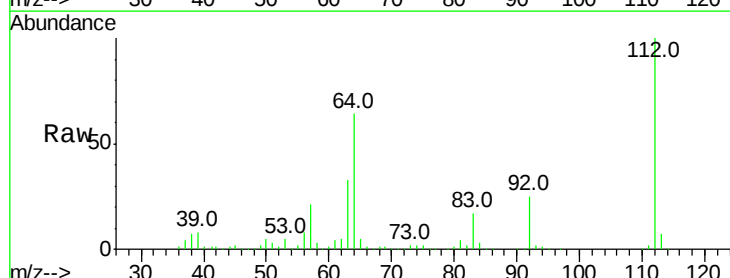
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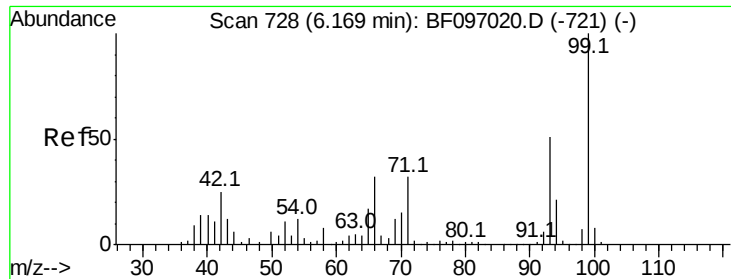
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#5
 2-Fluorophenol
 Concen: 93.070 ng
 RT: 5.05 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: BF097316.D
 Acq: 3 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	32.5	23.4	35.0





#7

Phenol-d6

Concen: 92.299 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Instrument :

BNA_F

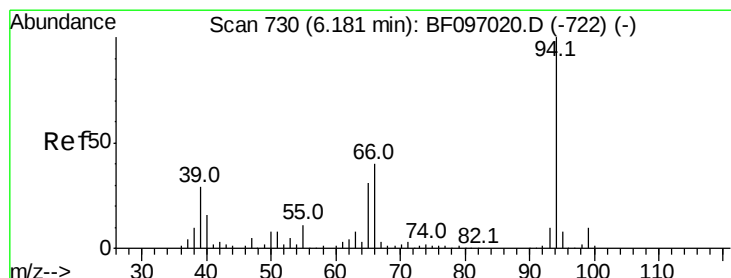
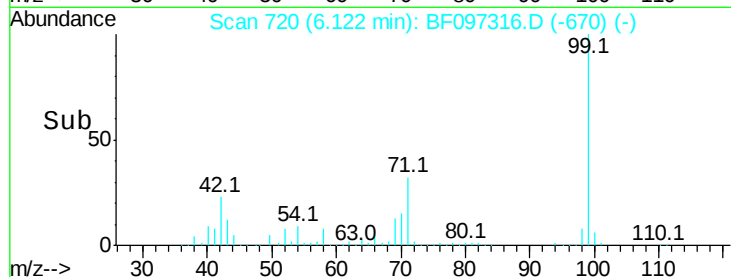
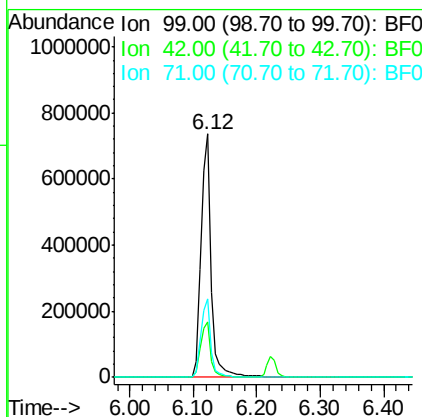
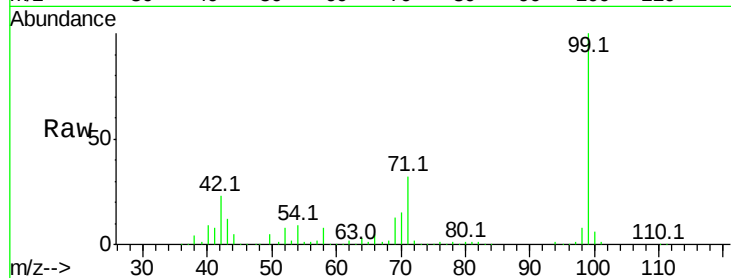
ClientSampleId :

E2-HS7-WSW

Tot Ion:	99	Resp:	793921
Ion Ratio	Lower	Upper	
99	100		
42	22.9	13.5	20.3#
71	32.2	24.5	36.7

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#10

Phenol

Concen: 3.688 ng

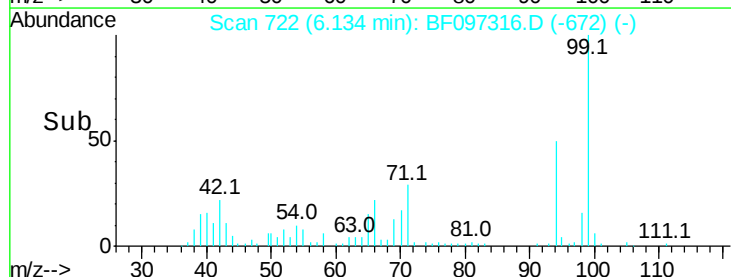
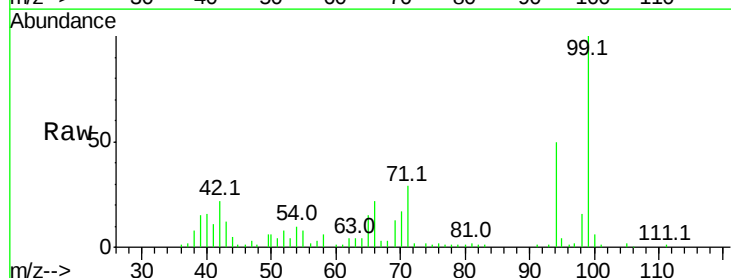
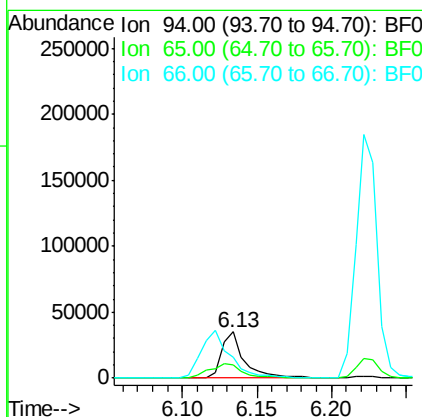
RT: 6.13 min Scan# 722

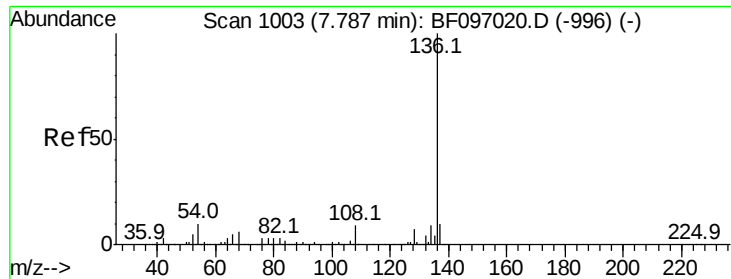
Delta R.T. -0.01 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Tgt Ion:	94	Resp:	37630
Ion Ratio	Lower	Upper	
94	100		
65	29.2	9.9	49.9
66	44.2	23.1	63.1





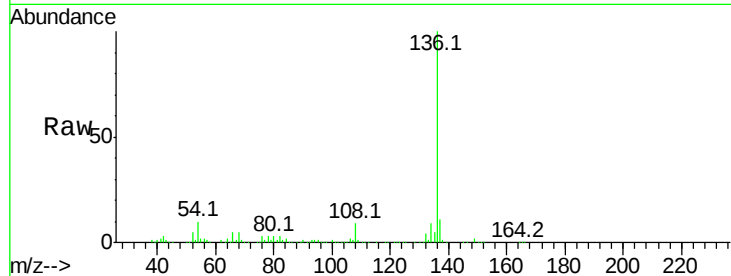
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

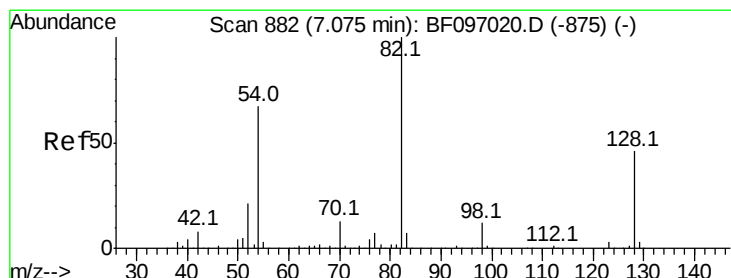
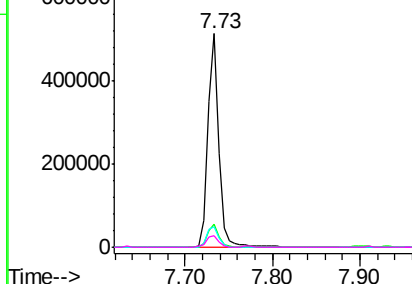
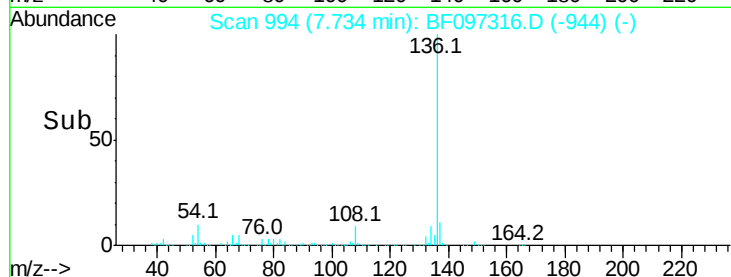
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	9.8	4.9	7.3#	
68	5.3	4.1	6.1	

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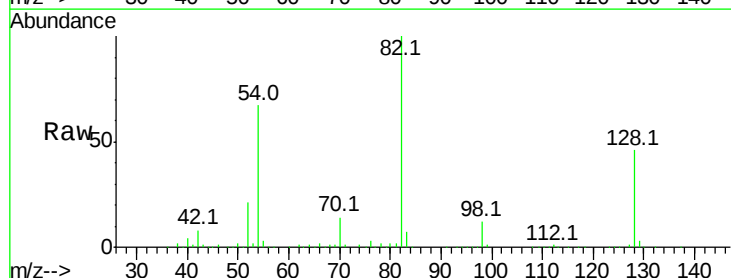


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

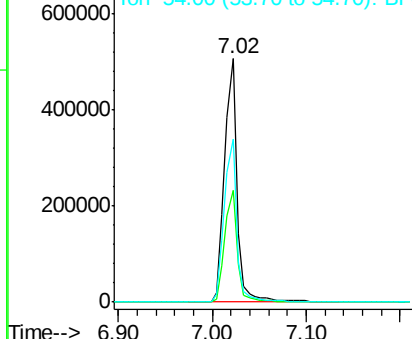
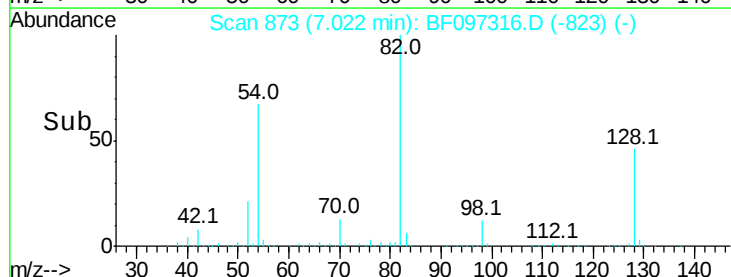


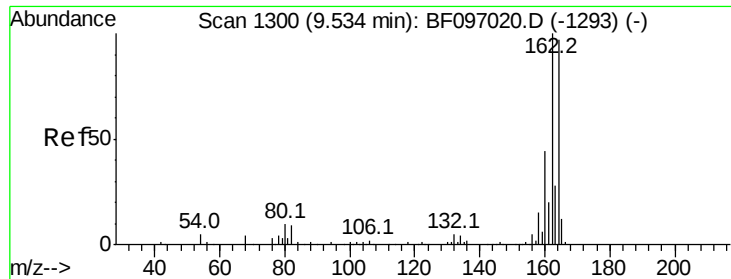
#23
Nitrobenzene-d5
Concen: 62.029 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	34.0	51.0	
54	66.8	42.2	63.2#	



Abundance Ion 82.00 (81.70 to 82.70): BF0
600000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





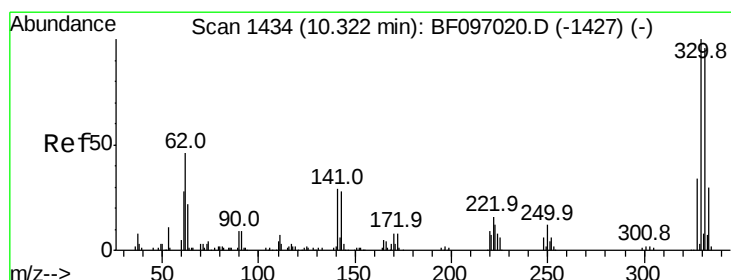
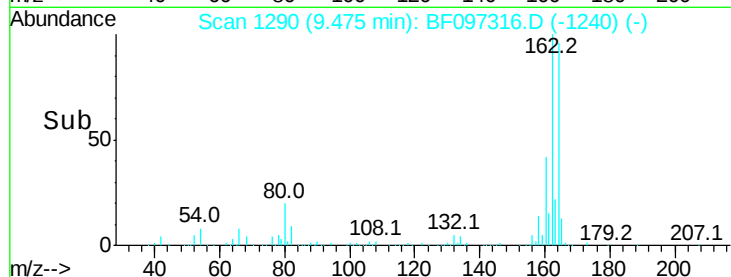
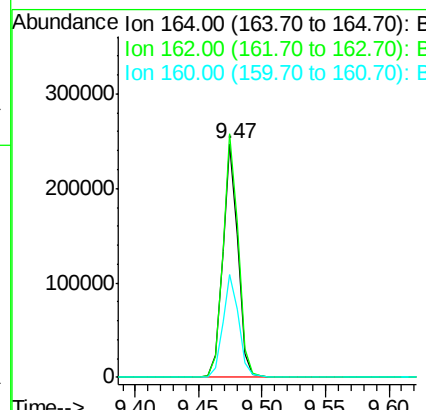
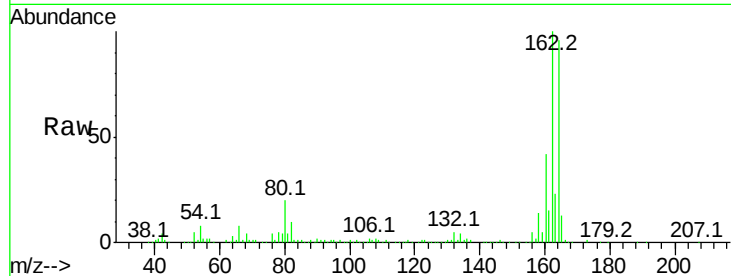
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097316.D
 Acq: 3 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Tot Ion	Ratio	Resp	Lower	Upper
164	100	207983		
162	104.1		82.6	123.8
160	43.7		36.2	54.2

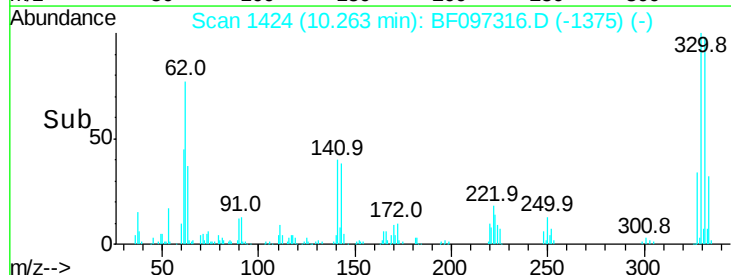
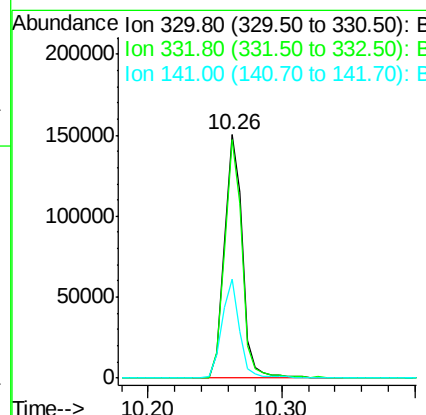
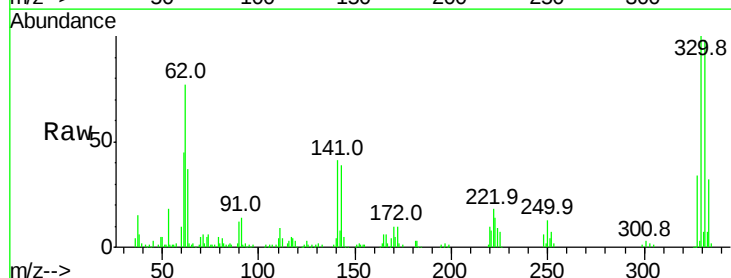
Manual Integrations
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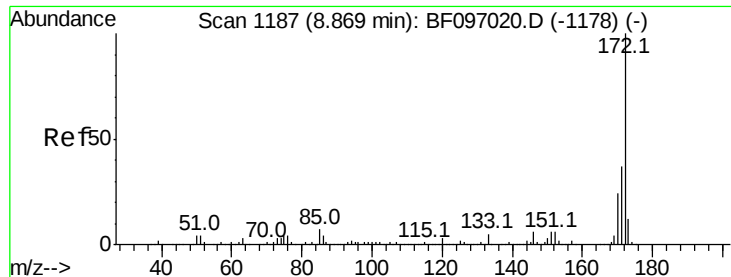
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#41
 2,4,6-Tribromophenol
 Concen: 87.374 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097316.D
 Acq: 3 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	143579		
332	95.6		76.6	115.0
141	40.9		31.4	47.2





#44

2-Fluorobiphenyl

Concen: 62.418 ng

RT: 8.81 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Instrument :

BNA_F

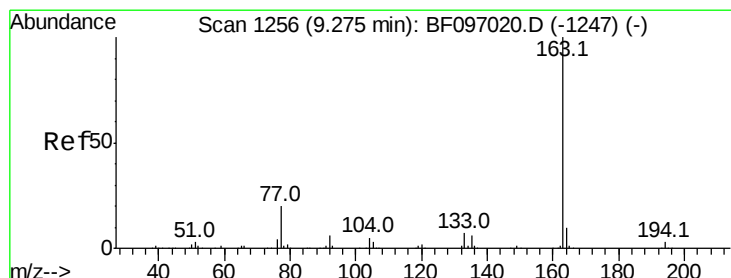
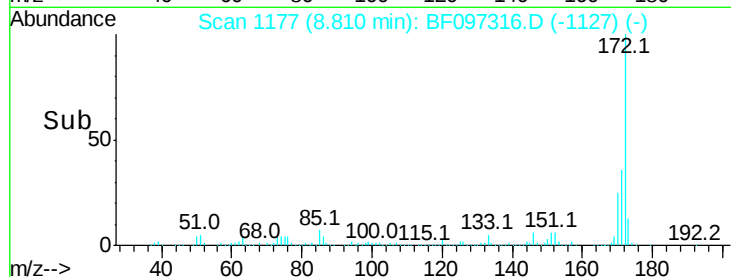
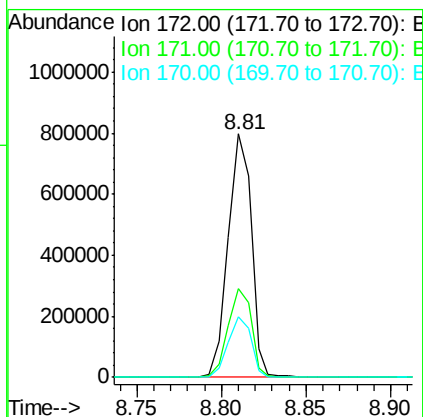
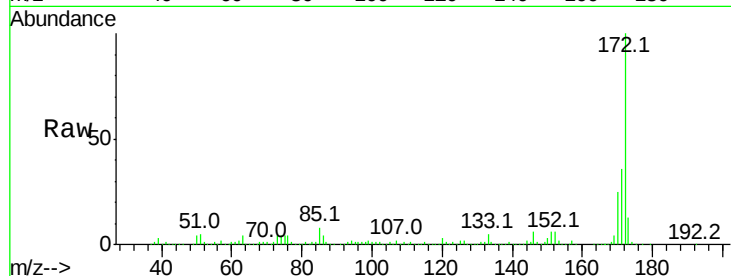
ClientSampleId :

E2-HS7-WSW

Tot Ion:	172	Resp:	764946
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	24.7	19.8	29.8

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#49

Dimethylphthalate

Concen: 11.524 ng

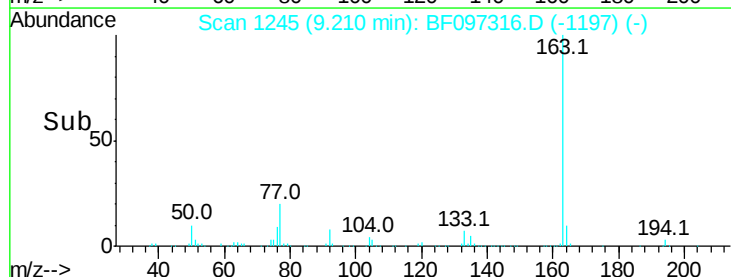
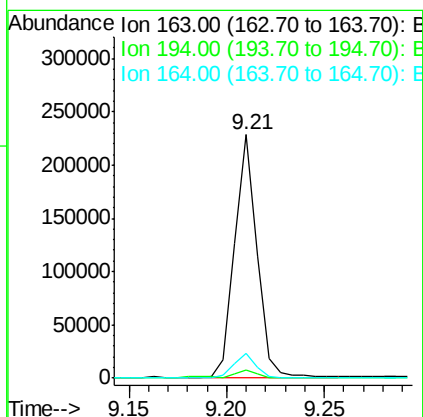
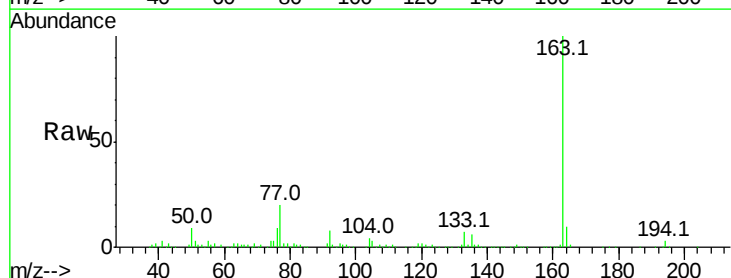
RT: 9.21 min Scan# 1245

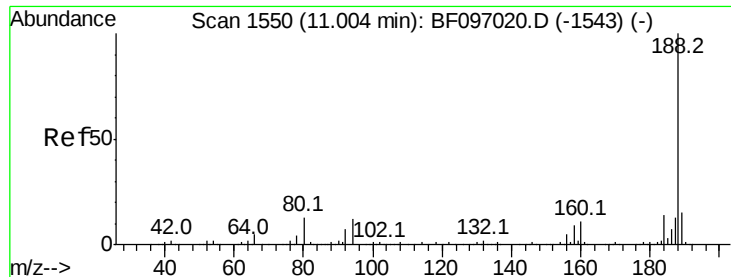
Delta R.T. -0.02 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Tgt Ion:	163	Resp:	182004
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	10.4	8.4	12.6





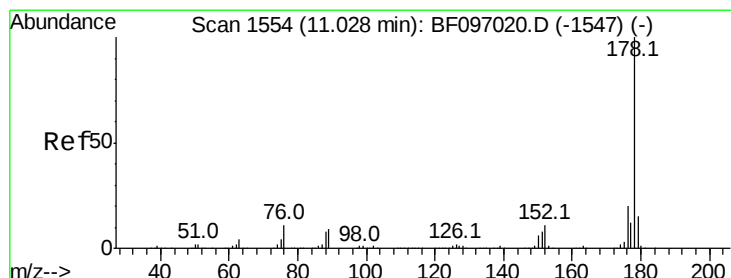
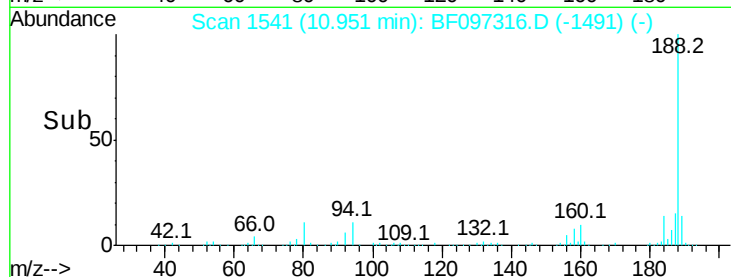
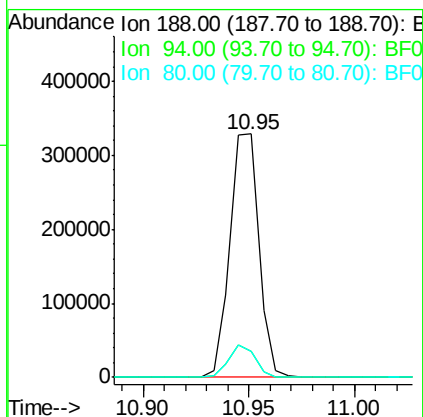
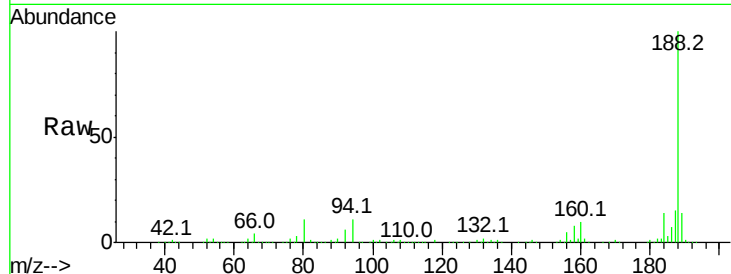
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.7	9.4	14.2	
80	10.6	10.2	15.2	

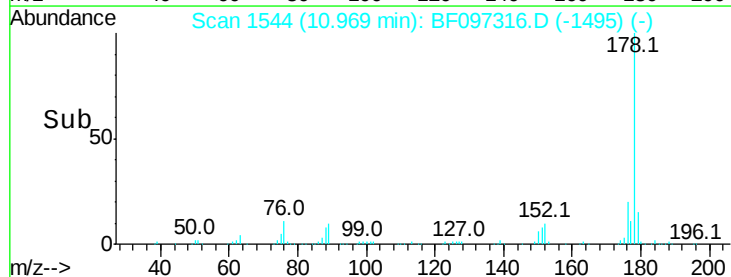
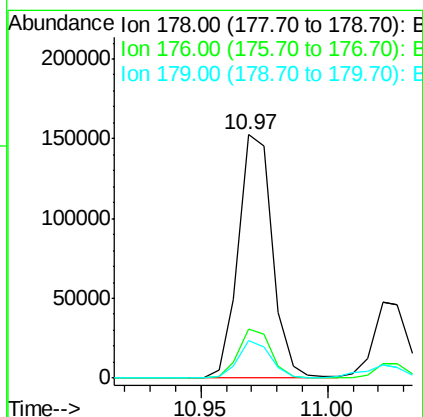
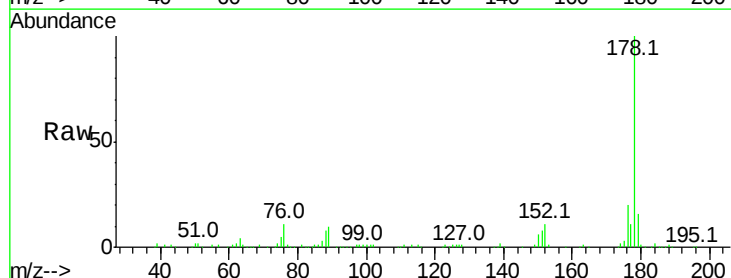
Manual Integrations
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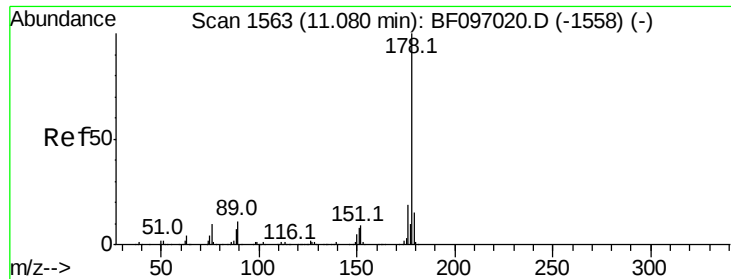
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#70
Phenanthrene
Concen: 8.568 ng
RT: 10.97 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.9	16.2	24.4	
179	15.6	12.6	19.0	





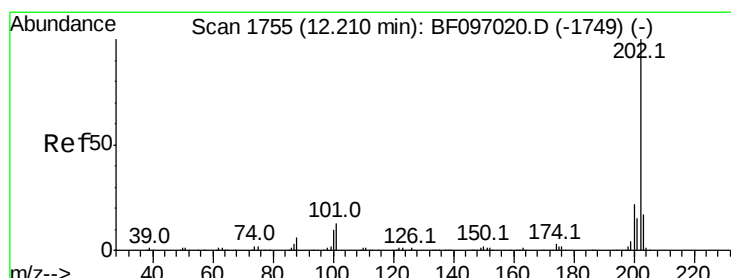
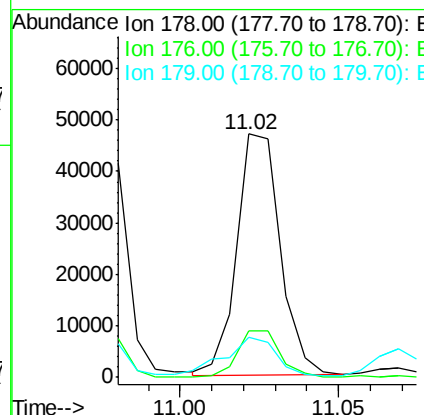
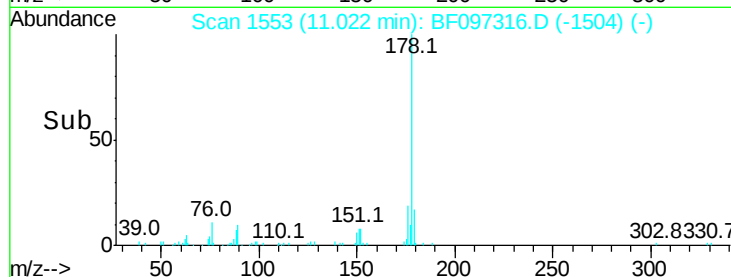
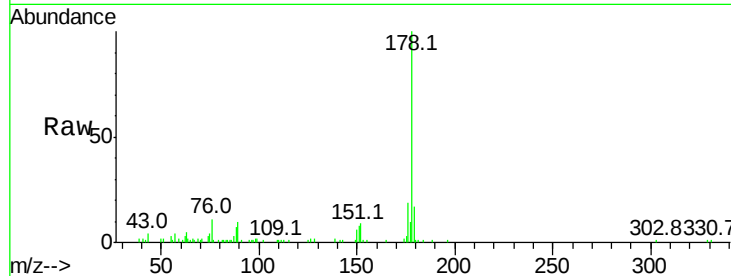
#71
 Anthracene
 Concen: 2.605 ng
 RT: 11.02 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF097316.D
 Acq: 3 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.7	12.7	19.1

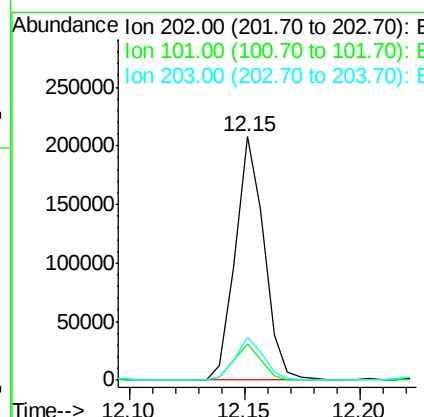
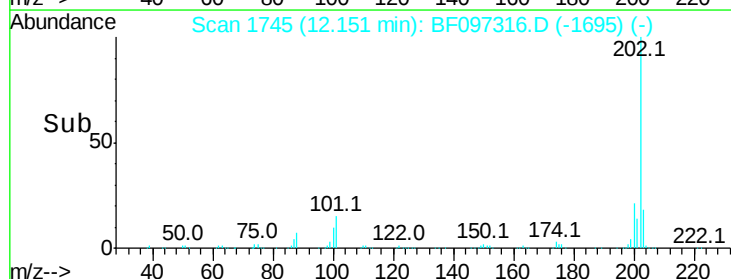
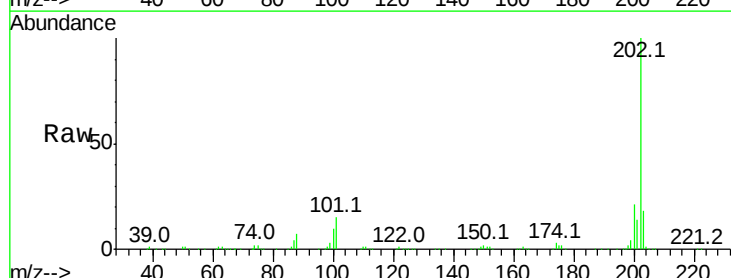
Manual Integrations
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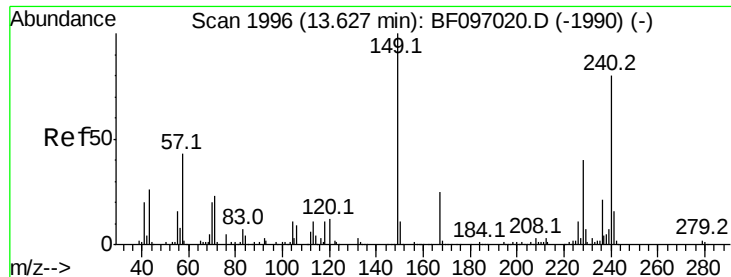
Sohil
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#74
 Fluoranthene
 Concen: 11.084 ng
 RT: 12.15 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BF097316.D
 Acq: 3 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.57 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Instrument :

BNA_F

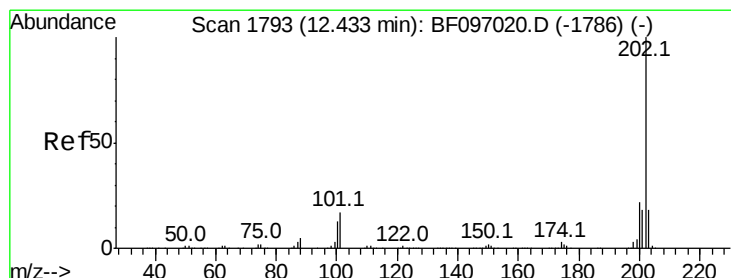
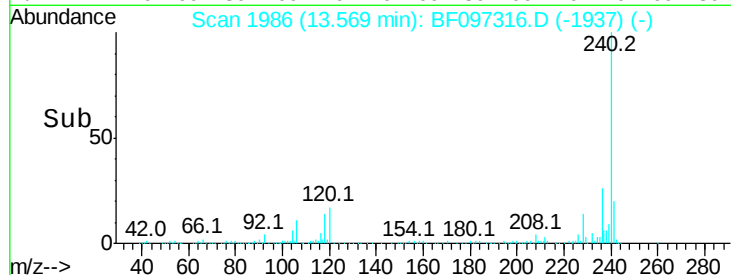
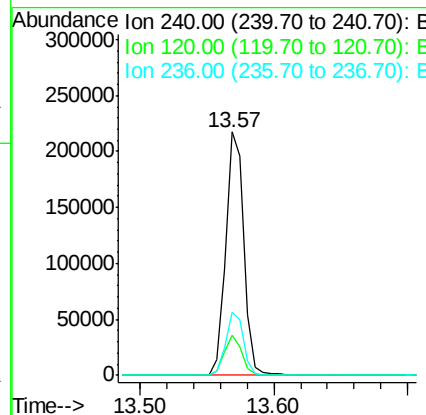
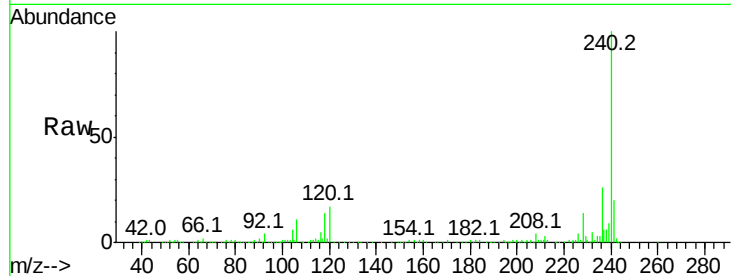
ClientSampleId :

E2-HS7-WSW

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	26.1	20.5	30.7

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#77

Pyrene

Concen: 9.878 ng

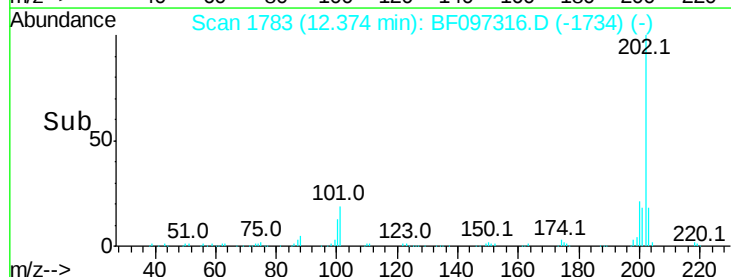
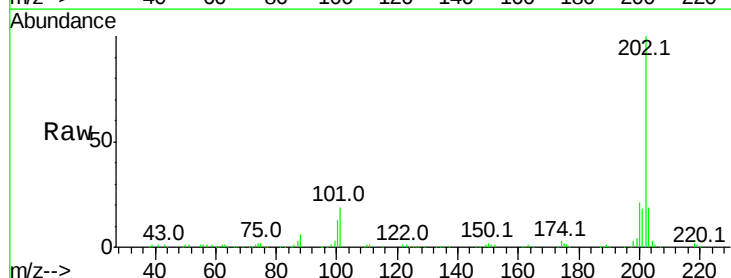
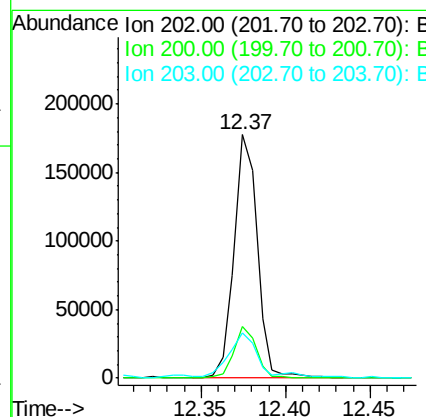
RT: 12.37 min Scan# 1783

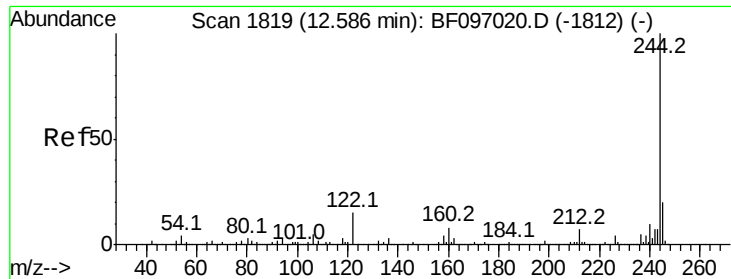
Delta R.T. -0.01 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.6	14.4	21.6





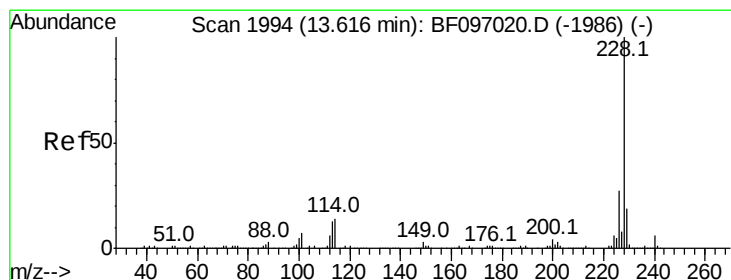
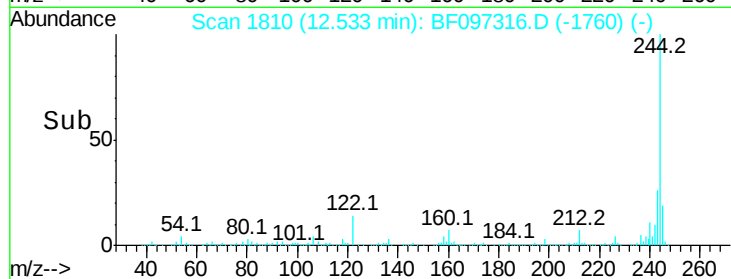
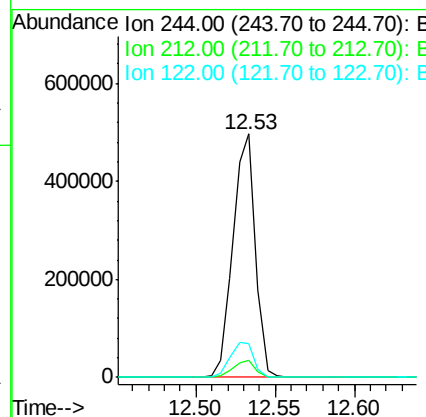
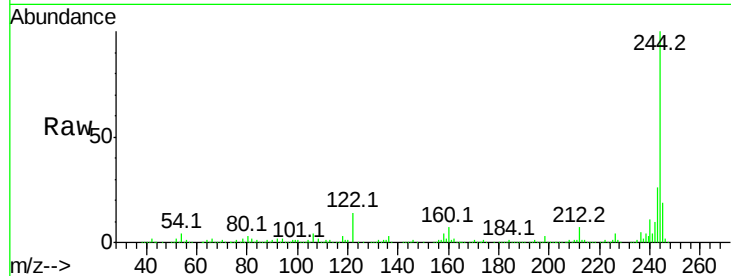
#78
 Terphenyl-d14
 Concen: 47.464 ng
 RT: 12.53 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF097316.D
 Acq: 3 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	6.0	9.0	
122	13.7	10.3	15.5	

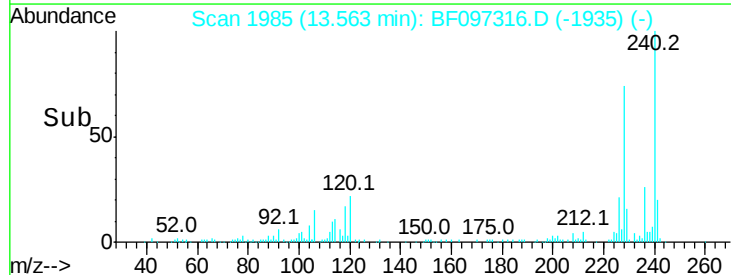
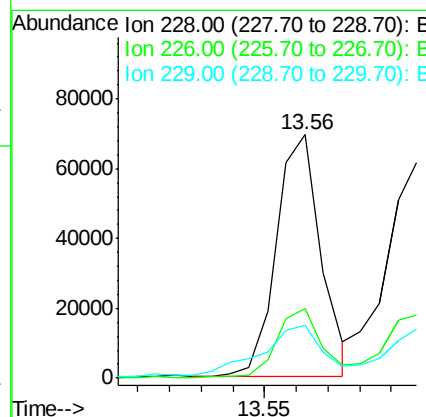
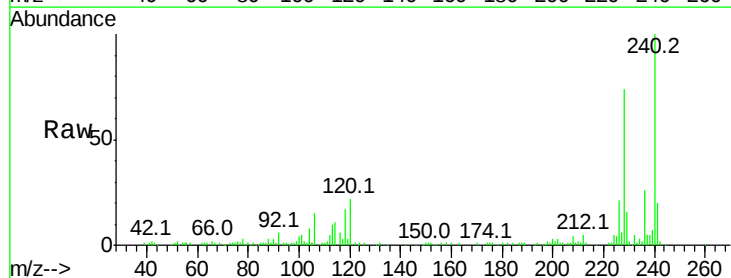
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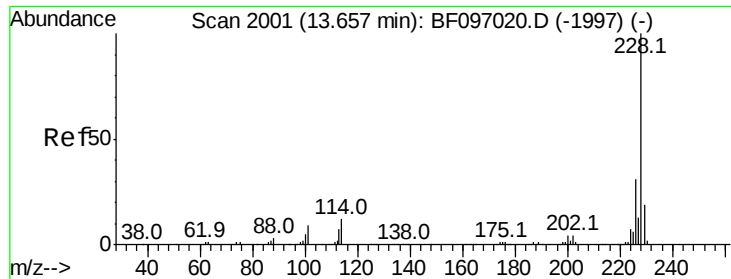
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#80
 Benzo(a)anthracene
 Concen: 5.024 ng
 RT: 13.56 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF097316.D
 Acq: 3 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.7	22.6	33.8	
229	21.6	16.3	24.5	





#82

Chrysene

Concen: 4.849 ng

RT: 13.60 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Instrument :

BNA_F

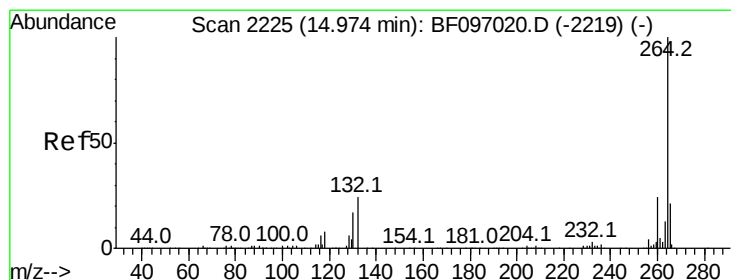
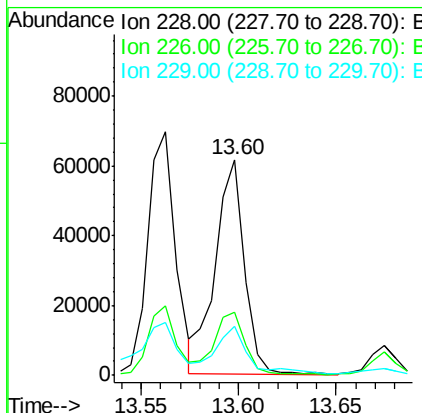
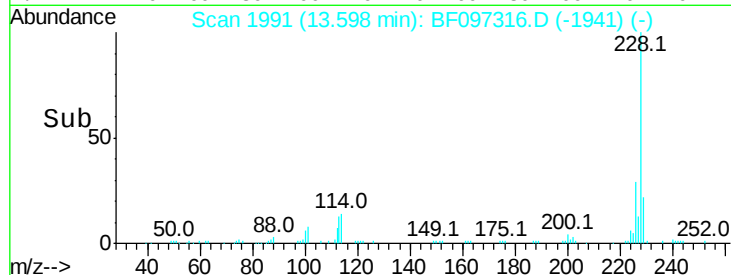
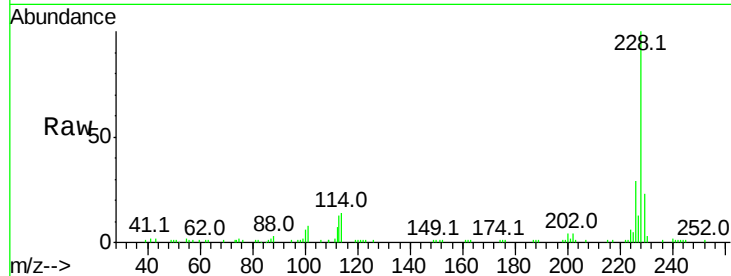
ClientSampleId :

E2-HS7-WSW

Tot Ion:	228	Resp:	63868
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.9	37.3
229	22.6	15.8	23.6

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#86

Perylene-d12

Concen: 20.000 ng

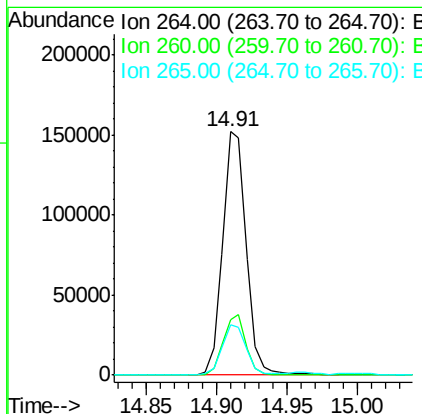
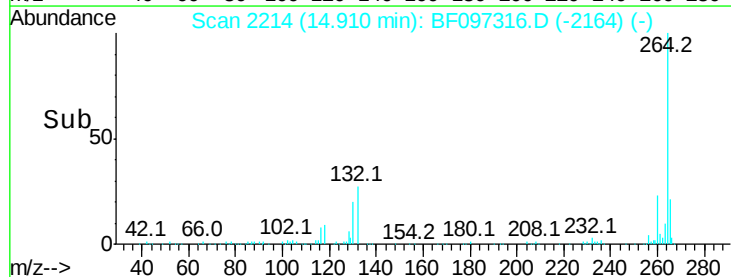
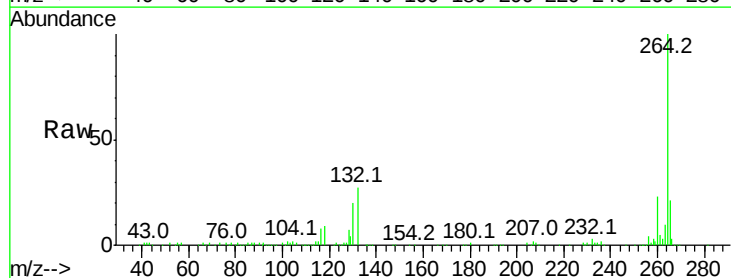
RT: 14.91 min Scan# 2214

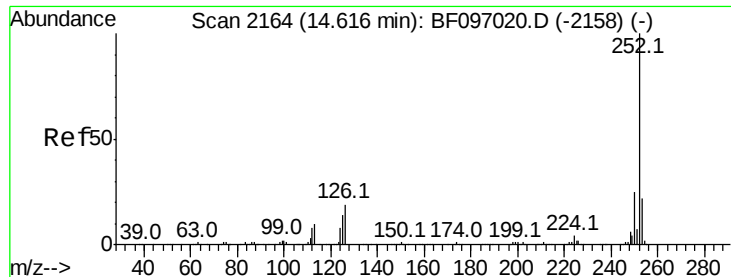
Delta R.T. -0.01 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Tgt Ion:	264	Resp:	176343
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 5.792 ng m

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Instrument :

BNA_F

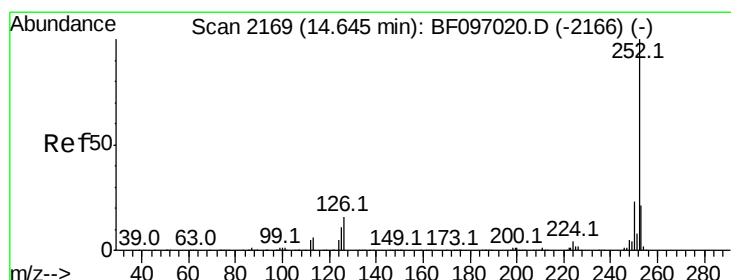
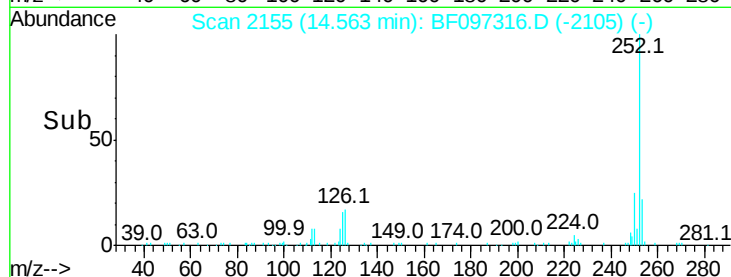
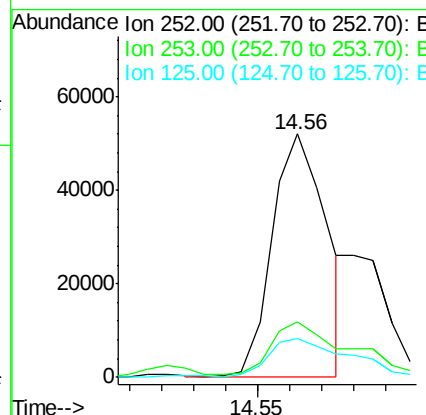
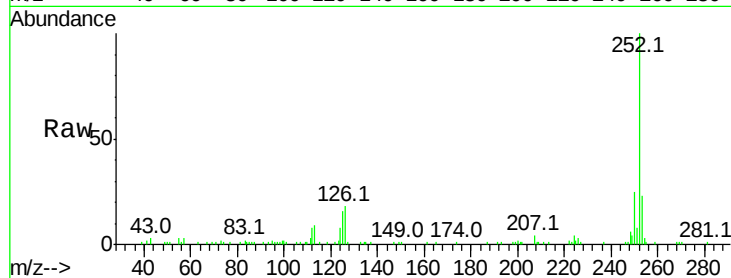
ClientSampleId :

E2-HS7-WSW

Tot Ion:	252	Resp:	61396
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	16.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 2.435 ng m

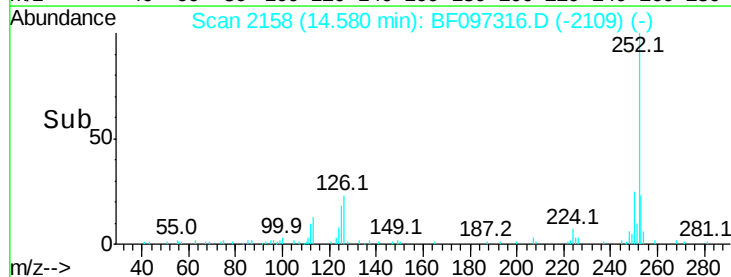
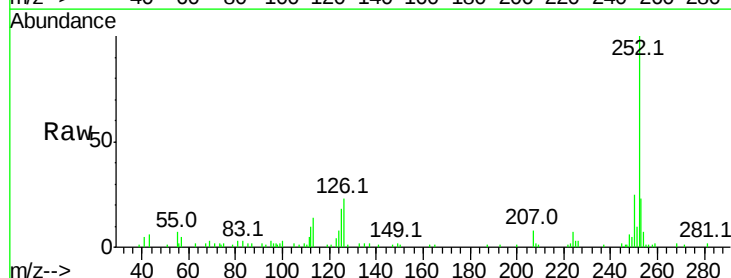
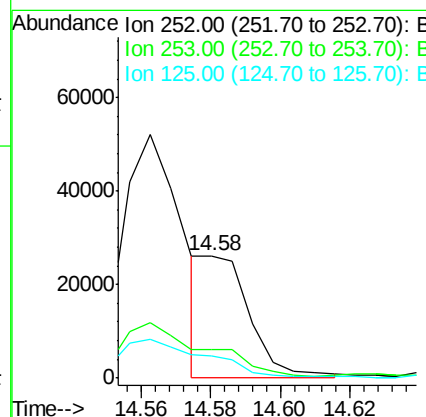
RT: 14.58 min Scan# 2158

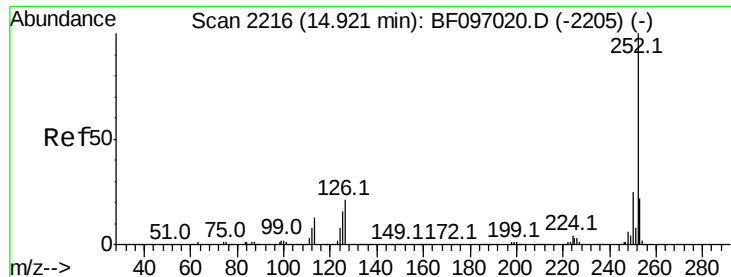
Delta R.T. -0.01 min

Lab File: BF097316.D

Acq: 3 Aug 2017 12:53

Tgt Ion:	252	Resp:	24597
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.4	27.6
125	17.9	13.1	19.7





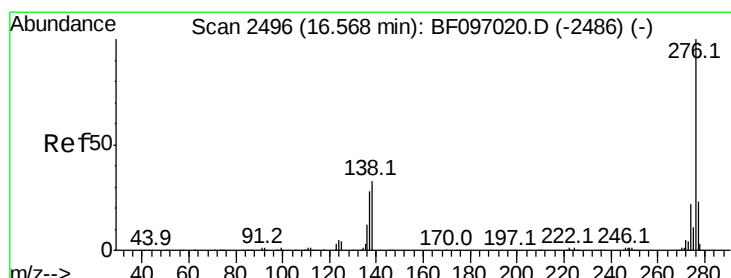
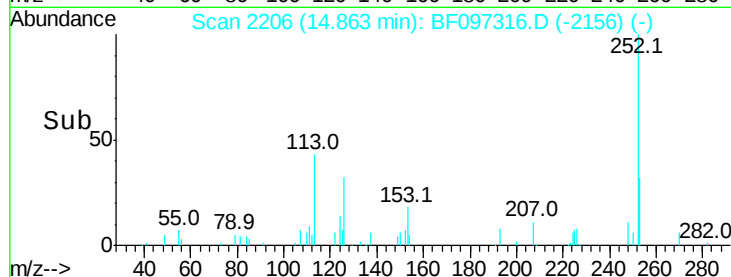
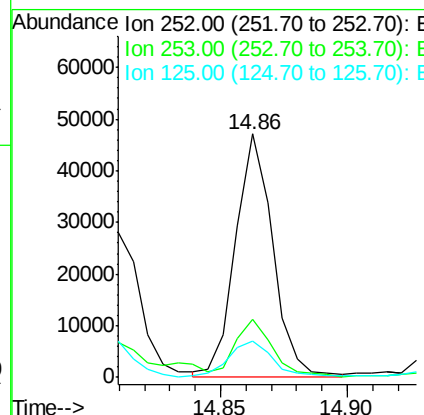
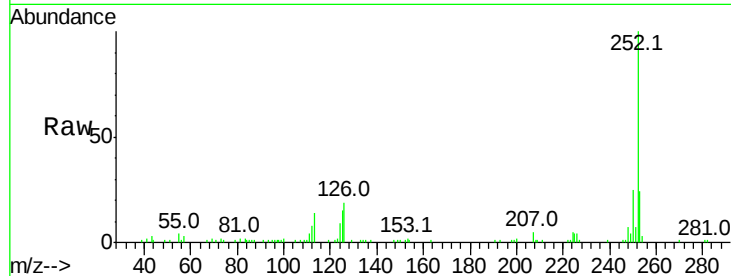
#89
Benzo(a)pyrene
Concen: 5.013 ng
RT: 14.86 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	15.0	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 2.112 ng
RT: 16.48 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.6	28.0
138	37.4	25.4	38.0

