

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097557.D
 Acq On : 10 Aug 2017 12:33
 Operator : SJ/JU
 Sample : I4677-01 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-D10-ESW

Manual Integrations
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Sohil
 8/10/2017 6:08:21 PM

Quant Time: Aug 10 14:48:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	116888	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	466687	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	178237	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	241556	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	210926	20.00	ng	-0.02
86) Perylene-d12	14.86	264	185305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	167202	21.56	ng	0.00
7) Phenol-d6	6.07	99	215382	24.33	ng	-0.01
23) Nitrobenzene-d5	6.97	82	123809	15.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	27306	19.39	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	218895	20.84	ng	-0.02
78) Terphenyl-d14	12.47	244	121635	11.76	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.70	128	52906	2.405	ng	99
37) 2-Methylnaphthalene	8.40	142	30718	2.205	ng	98
48) Acenaphthylene	9.29	152	61435	3.573	ng	96
70) Phenanthrene	10.92	178	111381	8.606	ng	98
71) Anthracene	10.97	178	39837	3.005	ng	99
74) Fluoranthene	12.10	202	244023	19.246	ng	98
77) Pyrene	12.32	202	217990	12.624	ng	98
80) Benzo(a)anthracene	13.51	228	127287	9.327	ng	95
82) Chrysene	13.54	228	132610	9.951	ng	97
85) Indeno(1,2,3-cd)pyrene	16.04	276	71443	6.252	ng	98
87) Benzo(b)fluoranthene	14.52	252	211629m	18.999	ng	
88) Benzo(k)fluoranthene	14.53	252	71208m	6.709	ng	
89) Benzo(a)pyrene	14.81	252	118578	11.631	ng	# 97
91) Benzo(a,h,i)perylene	16.40	276	61621	7.029	ng	99

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

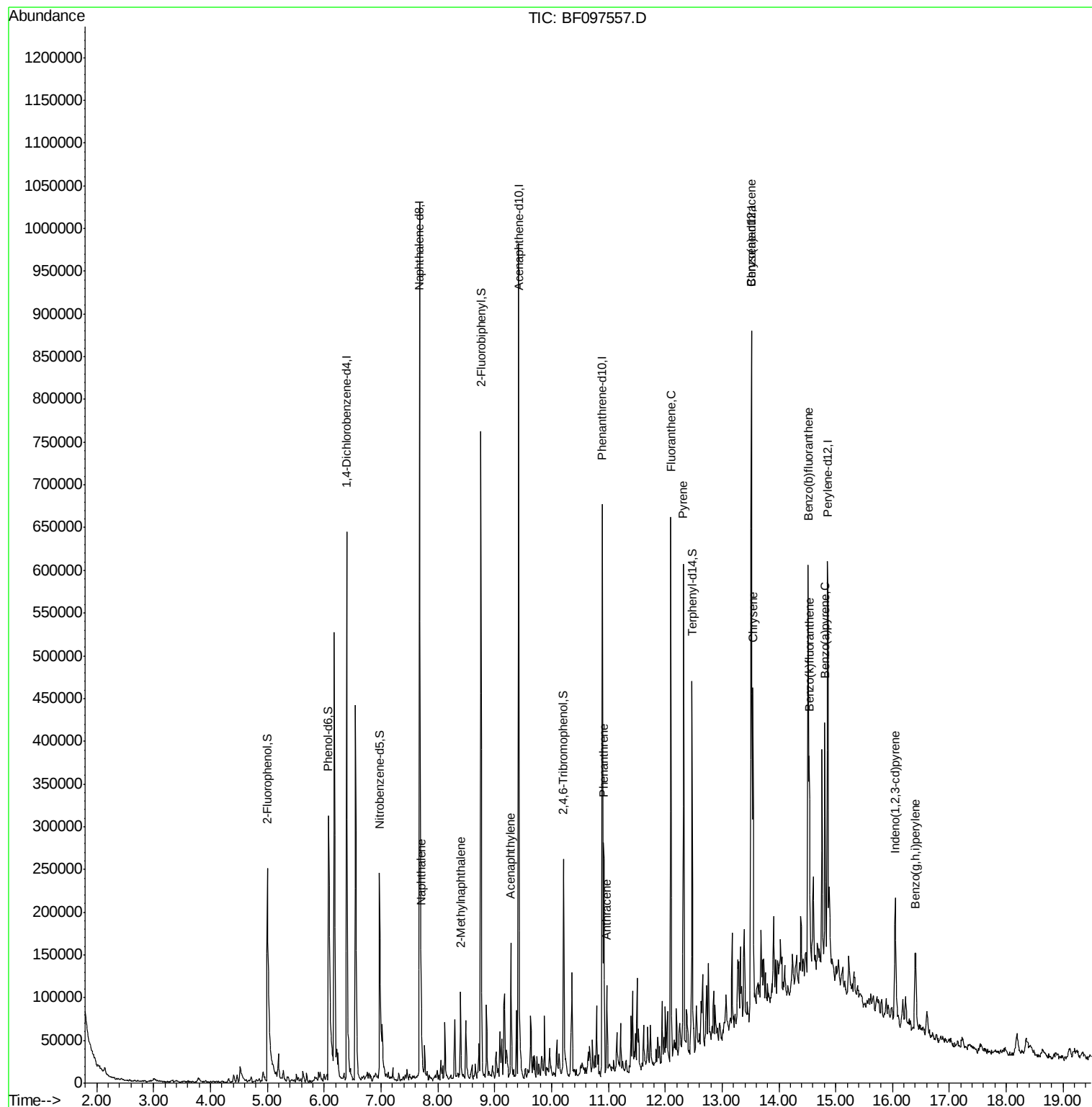
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
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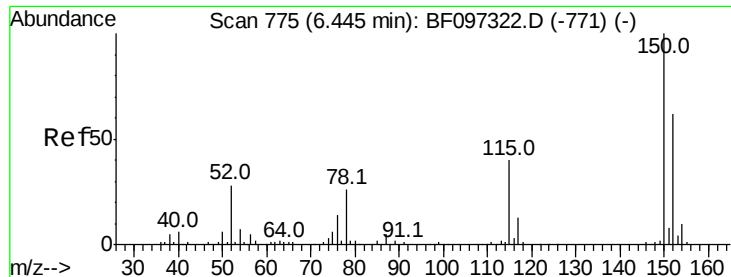
Instrument :
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#1

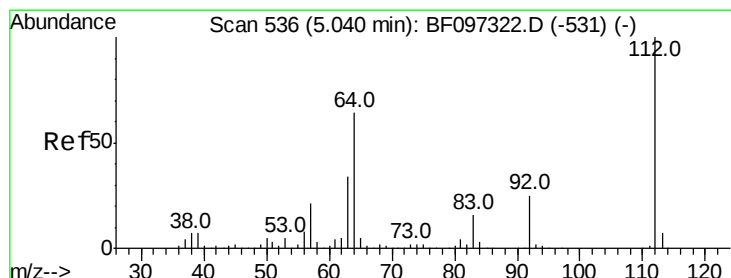
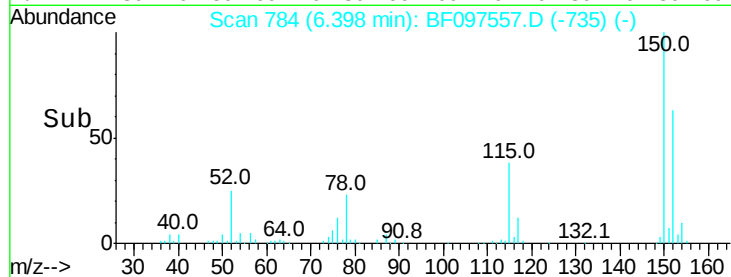
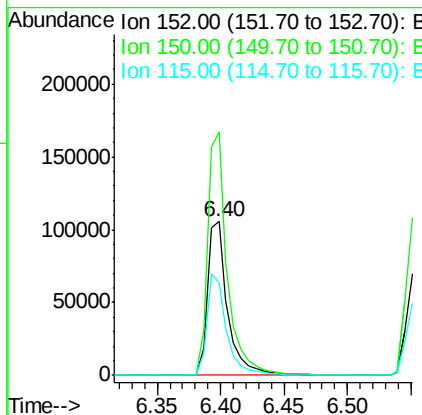
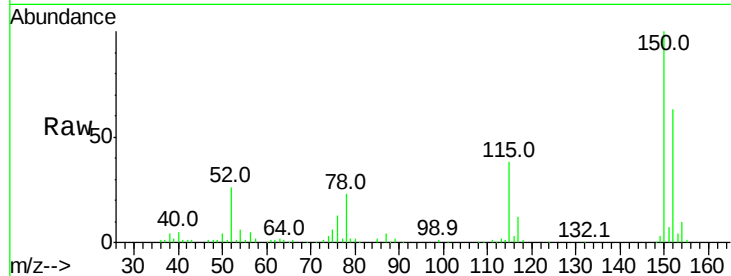
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Instrument :
BNA_F
ClientSampleId :
E2-D10-ESW

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	59.9	52.2	78.2

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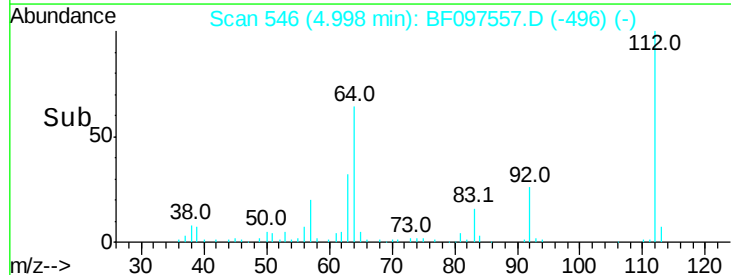
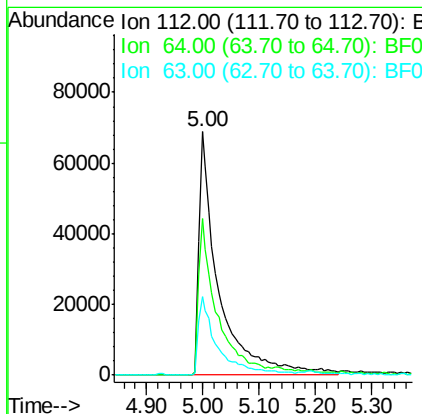
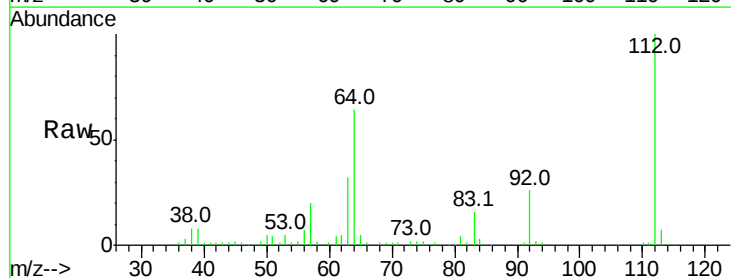
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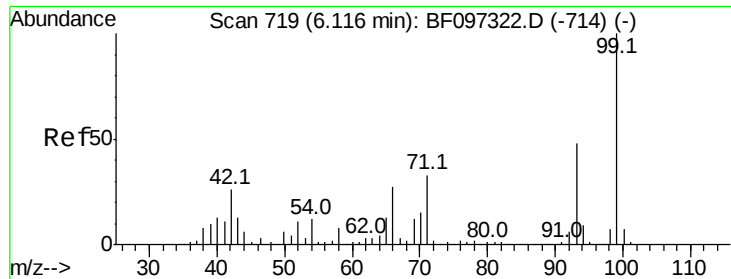


#5

2-Fluorophenol
Concen: 21.564 ng
RT: 5.00 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	32.0	23.4	35.0





#7

Phenol-d6

Concen: 24.332 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097557.D

Acq: 10 Aug 2017 12:33

Instrument :

BNA_F

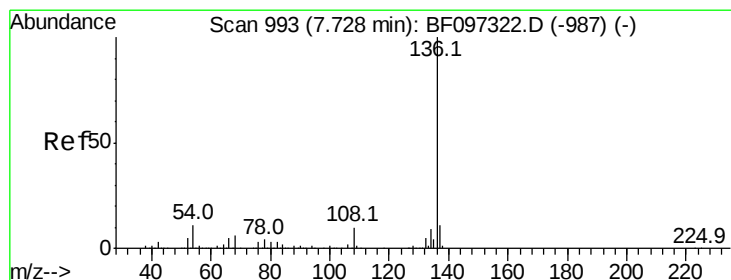
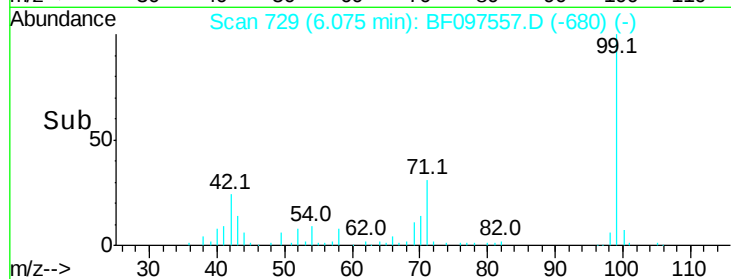
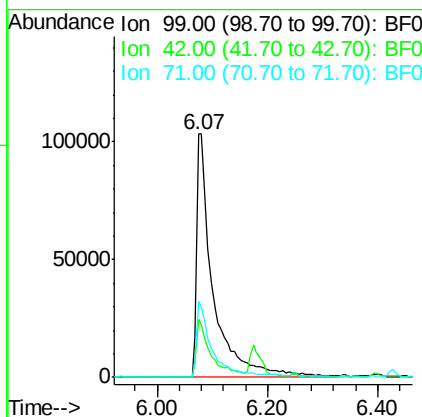
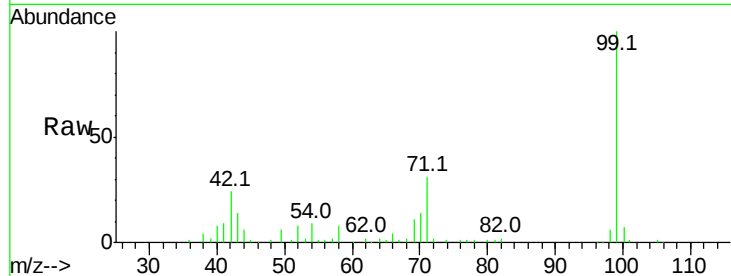
ClientSampled :

E2-D10-ESW

Tot Ion:	99	Resp:	215382
Ion Ratio	Lower	Upper	
99	100		
42	23.8	13.5	20.3#
71	31.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

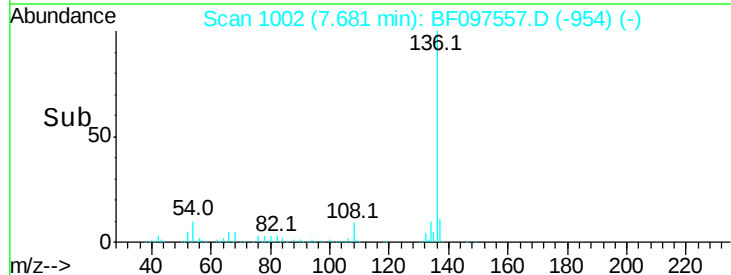
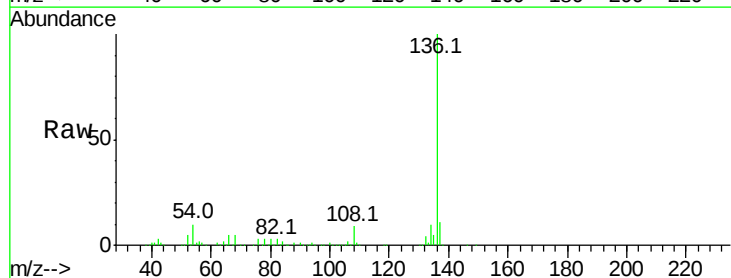
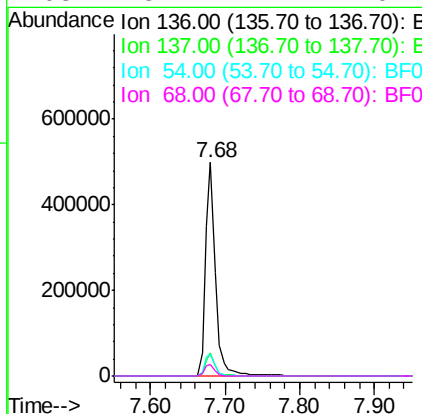
RT: 7.68 min Scan# 1002

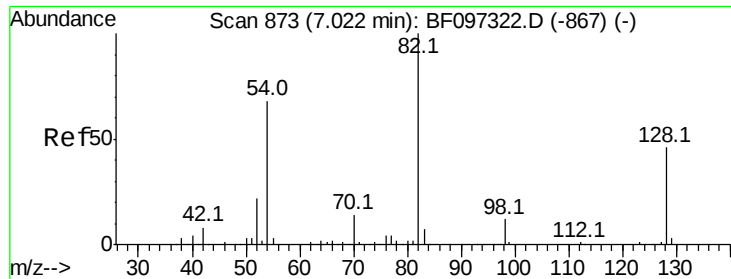
Delta R.T. -0.02 min

Lab File: BF097557.D

Acq: 10 Aug 2017 12:33

Tgt Ion:	136	Resp:	466687
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	10.3	4.9	7.3#
68	5.4	4.1	6.1





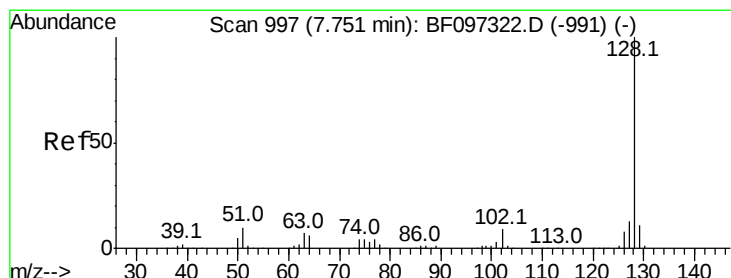
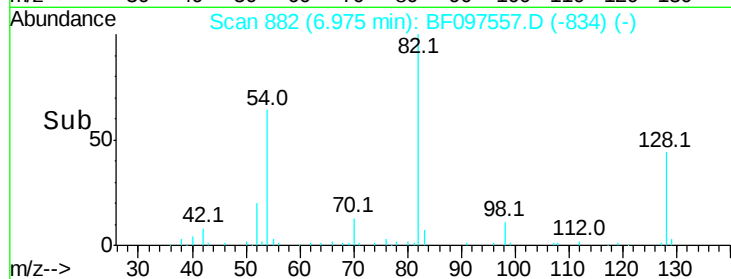
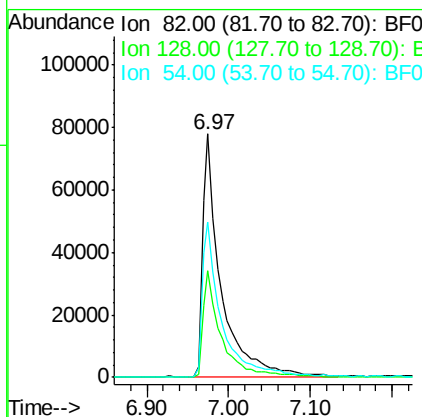
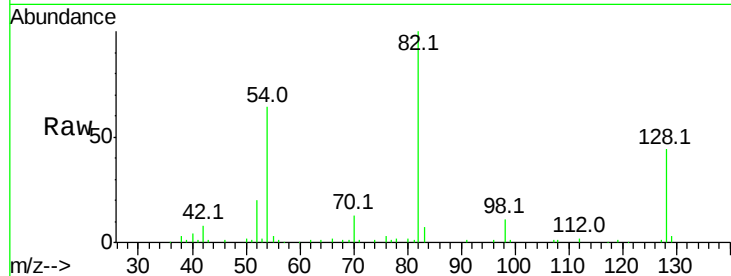
#23
Nitrobenzene-d5
Concen: 15.563 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Instrument :
BNA_F
ClientSampleId :
E2-D10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	34.0	51.0	
54	63.9	42.2	63.2	

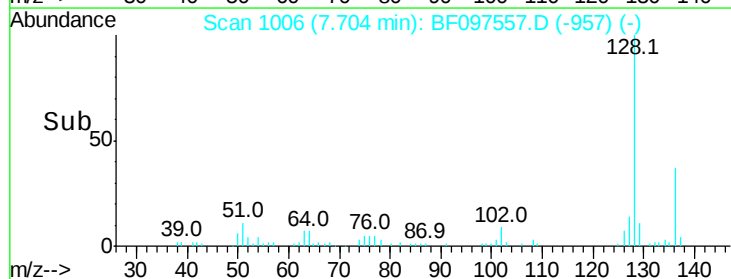
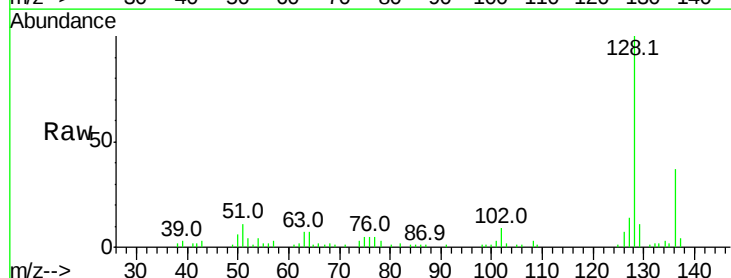
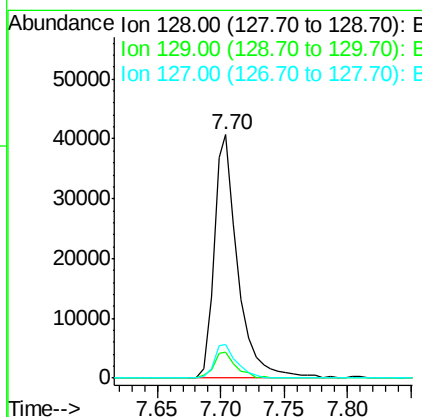
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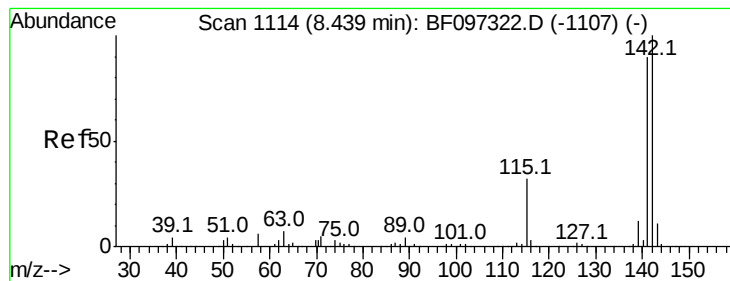
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#31
Naphthalene
Concen: 2.405 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	9.0	13.6	
127	13.7	10.8	16.2	





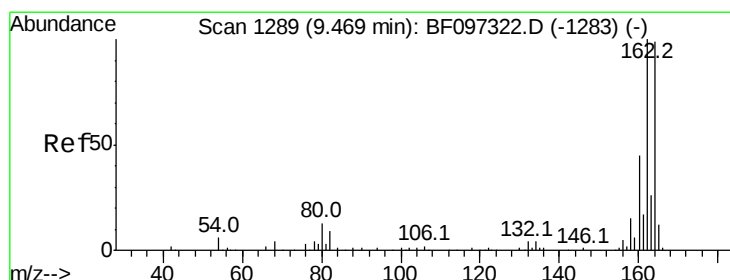
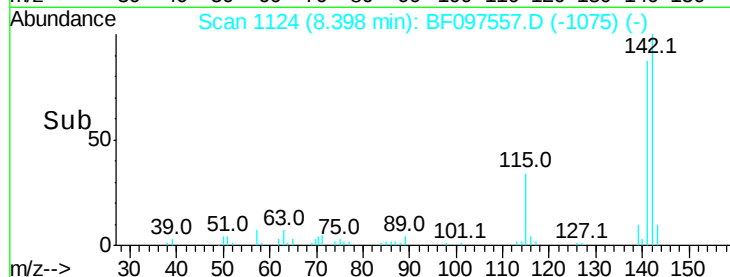
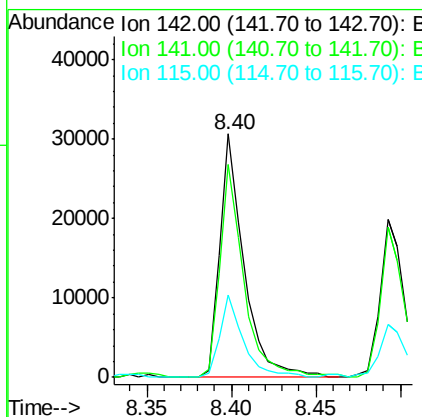
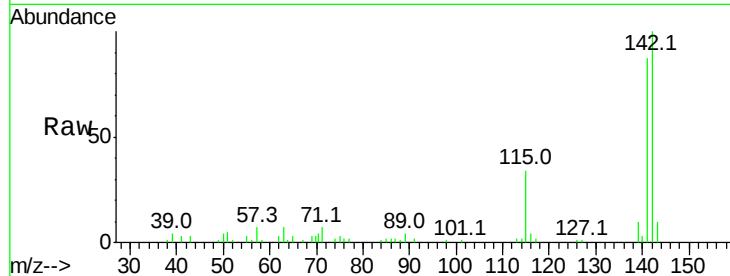
#37
2-Methylnaphthalene
Concen: 2.205 ng
RT: 8.40 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Instrument :
BNA_F
ClientSampleId :
E2-D10-ESW

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.3	106.9
115	33.7	27.1	40.7

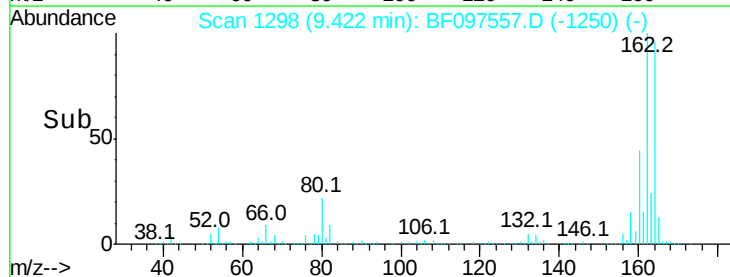
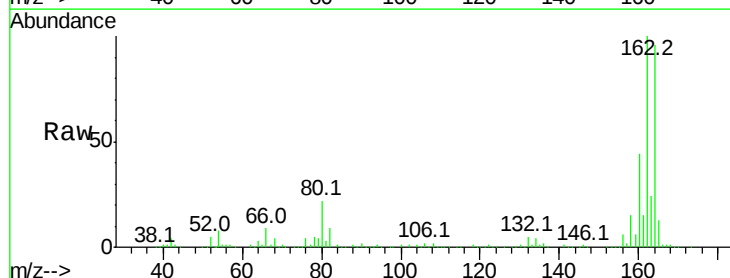
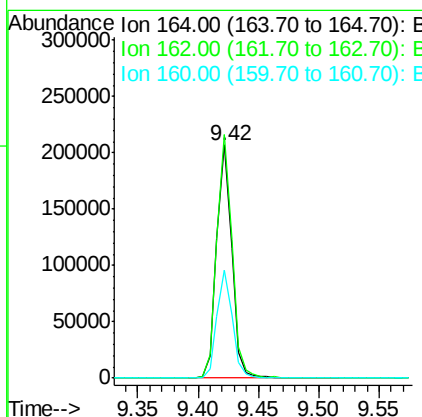
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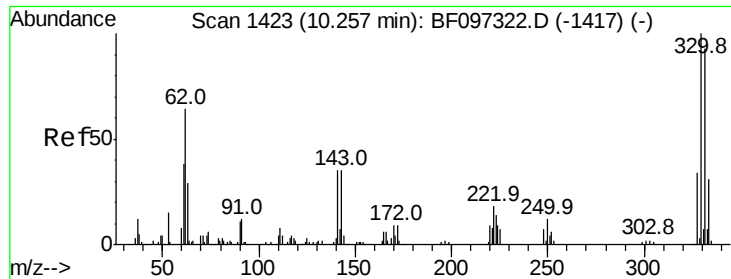
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	46.4	36.2	54.2





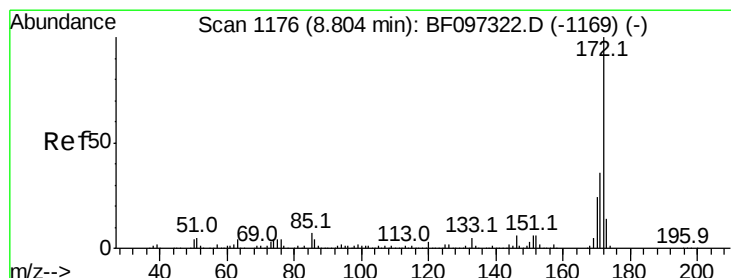
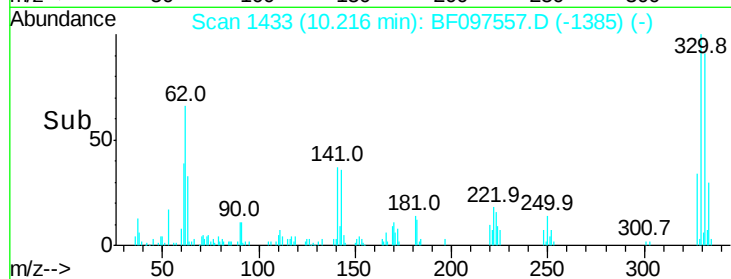
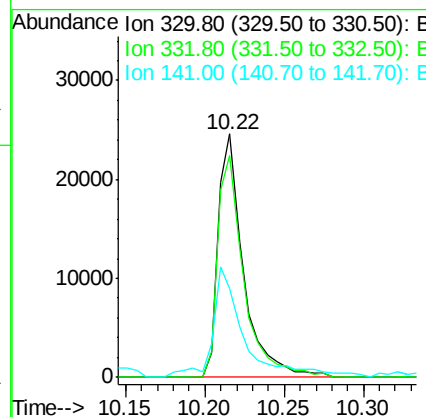
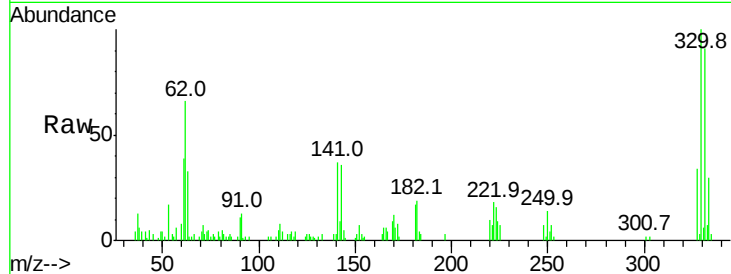
#41
 2,4,6-Tribromophenol
 Concen: 19.390 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097557.D
 Acq: 10 Aug 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :
 E2-D10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	27306		
332	94.0	76.6	115.0	
141	57.0	31.4	47.2#	

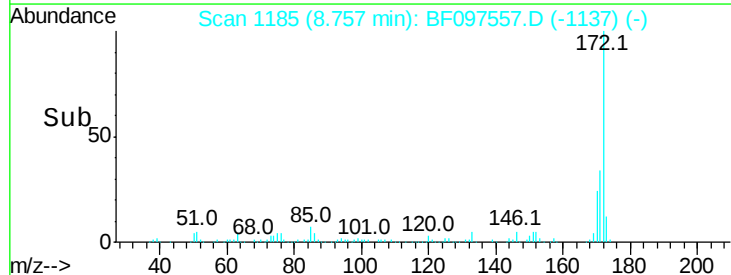
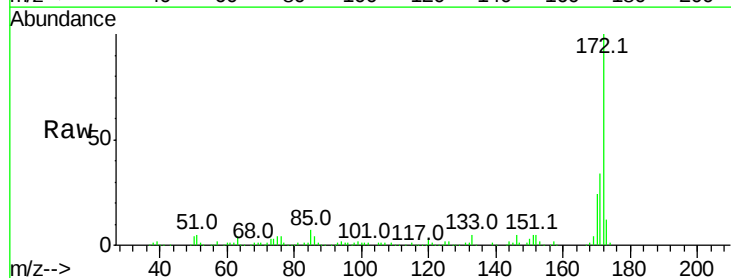
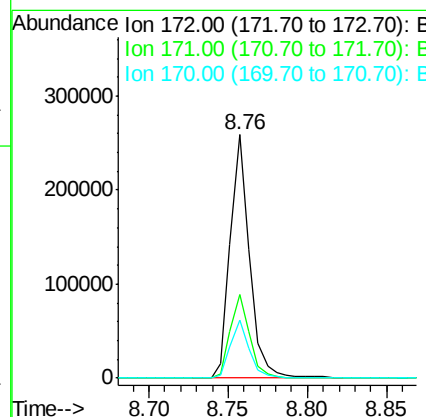
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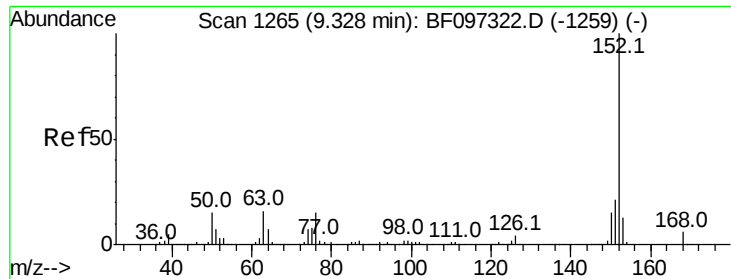
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#44
 2-Fluorobiphenyl
 Concen: 20.842 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097557.D
 Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	218895		
171	34.3	29.6	44.4	
170	23.9	19.8	29.8	





#48

Acenaphthylene

Concen: 3.573 ng

RT: 9.29 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF097557.D

Acq: 10 Aug 2017 12:33

Instrument :

BNA_F

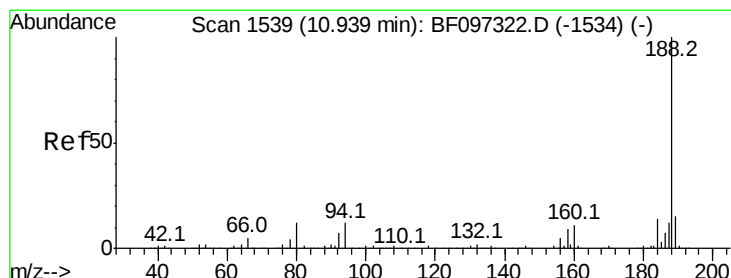
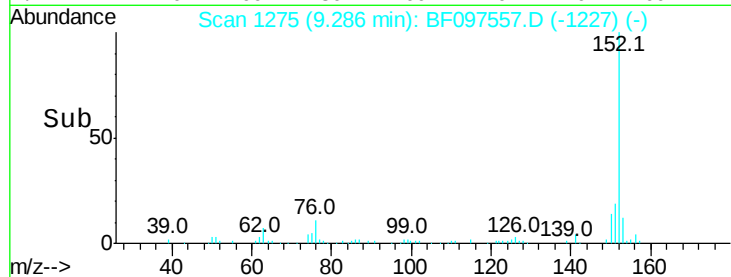
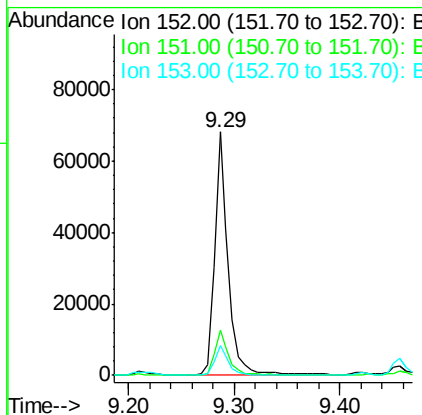
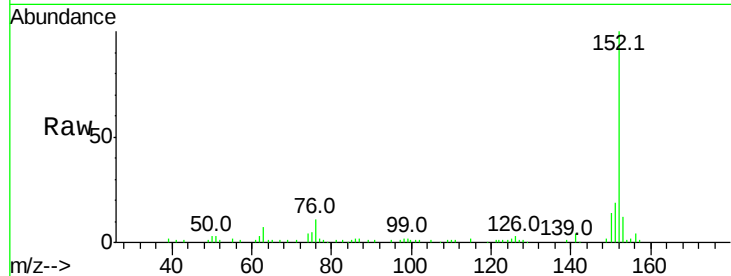
ClientSampled :

E2-D10-ESW

Tot Ion:	152	Resp:	61435
Ion Ratio	Lower	Upper	
152	100		
151	18.5	16.8	25.2
153	12.3	10.8	16.2

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

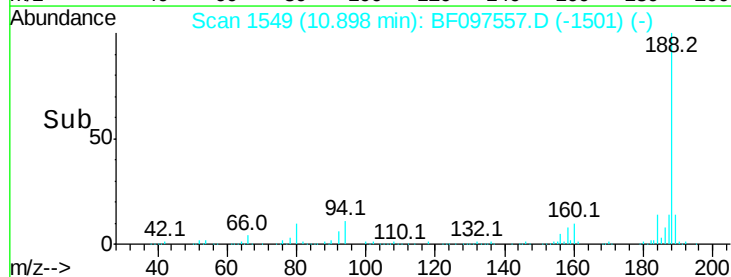
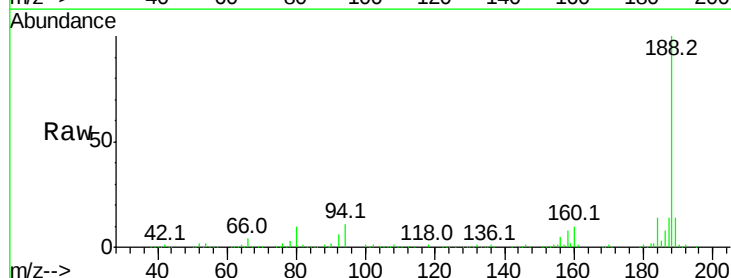
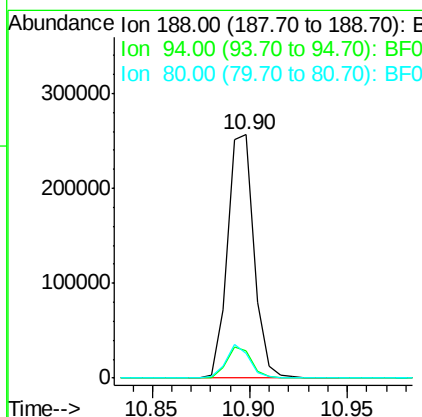
RT: 10.90 min Scan# 1549

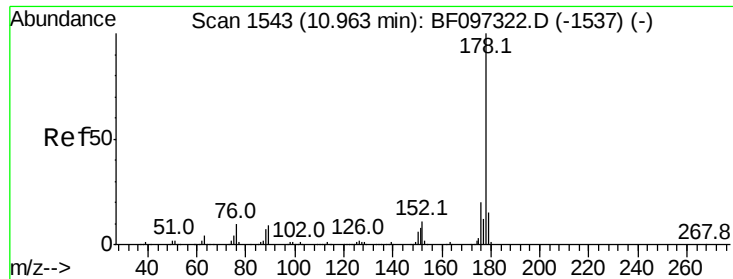
Delta R.T. -0.02 min

Lab File: BF097557.D

Acq: 10 Aug 2017 12:33

Tgt Ion:	188	Resp:	241556
Ion Ratio	Lower	Upper	
188	100		
94	11.0	9.4	14.2
80	10.2	10.2	15.2





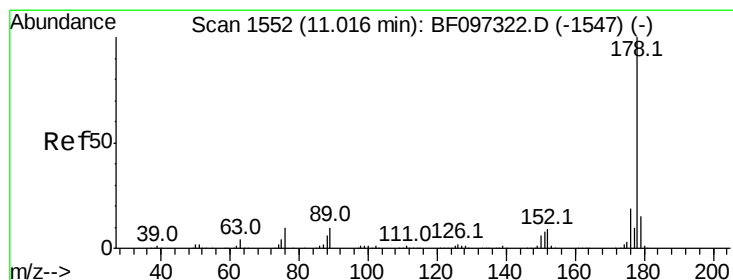
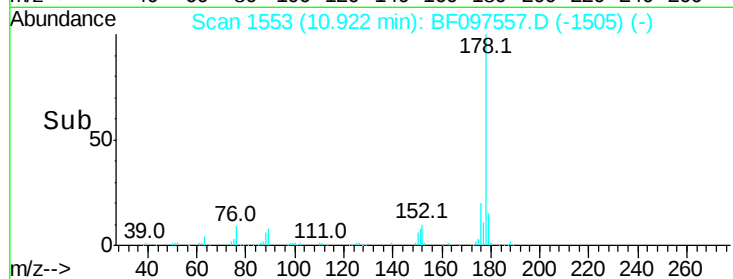
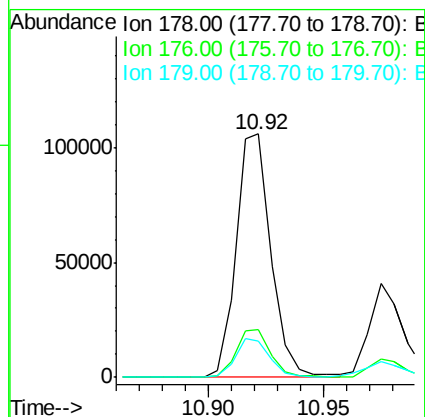
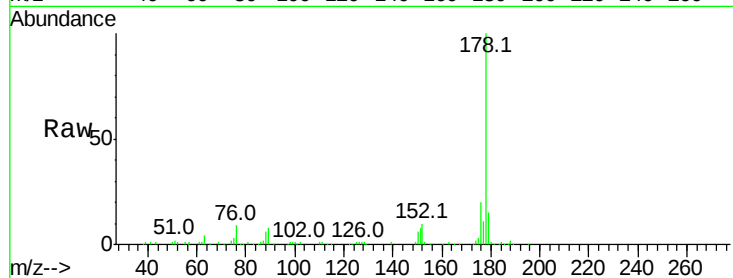
#70
Phenanthrene
Concen: 8.606 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Instrument :
BNA_F
ClientSampled :
E2-D10-ESW

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	14.7	12.6	19.0

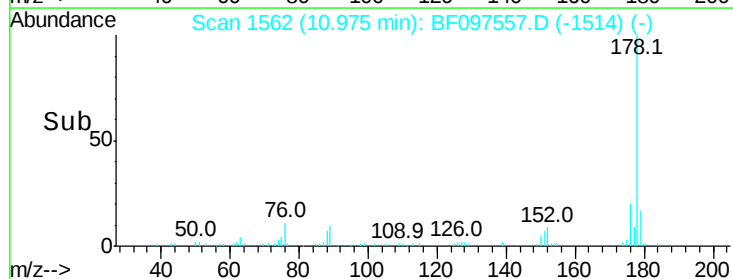
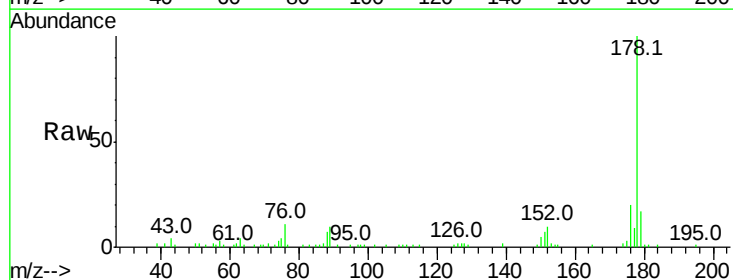
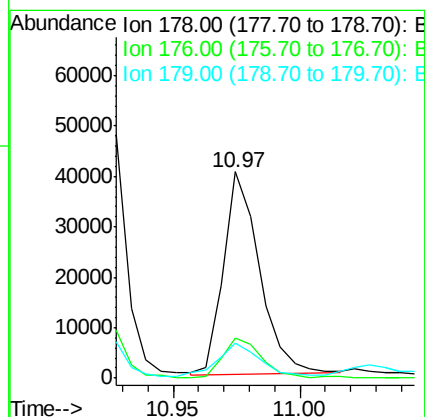
Manual Integrations
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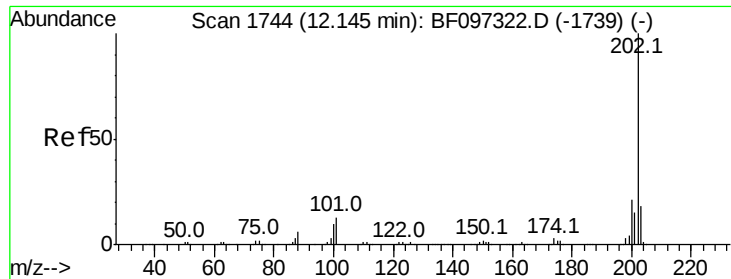
Sohil
8/10/2017 6:08:21 PM



#71
Anthracene
Concen: 3.005 ng
RT: 10.97 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.9	12.7	19.1





#74

Fluoranthene

Concen: 19.246 ng

RT: 12.10 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF097557.D

Acq: 10 Aug 2017 12:33

Instrument :

BNA_F

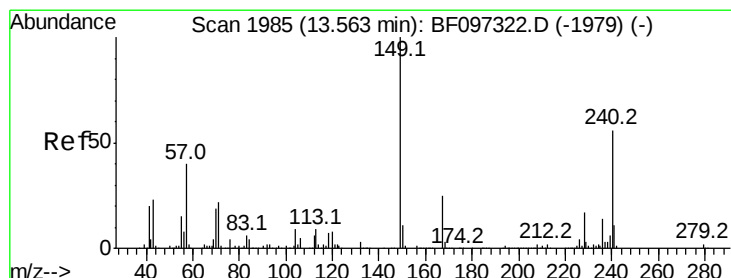
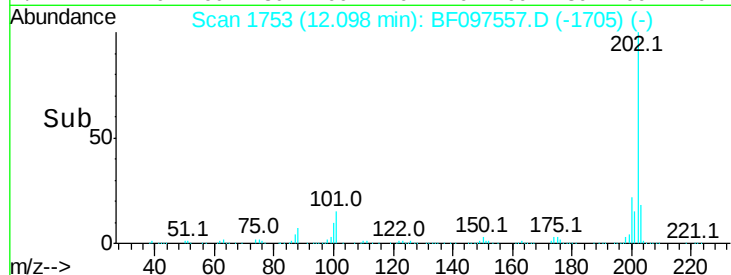
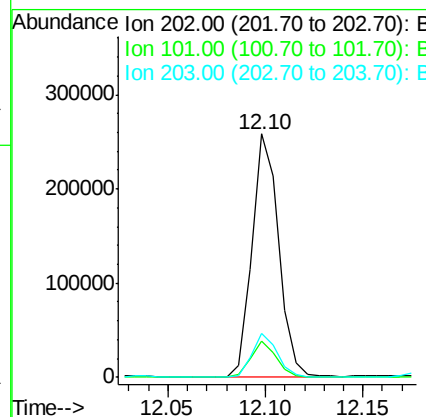
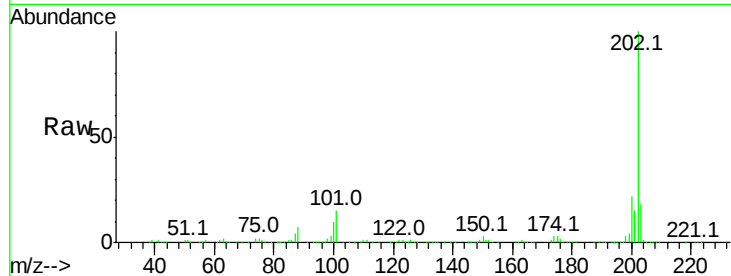
ClientSampleId :

E2-D10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
202	100	244023		
101	15.1	0.0	33.2	
203	18.3	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

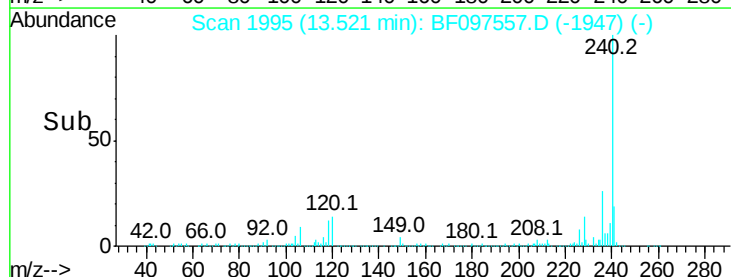
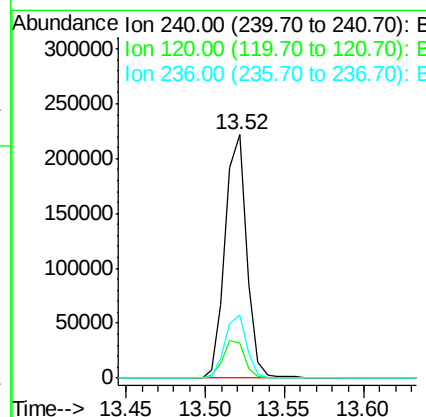
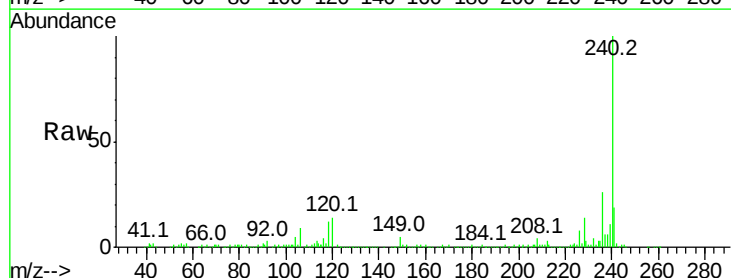
RT: 13.52 min Scan# 1995

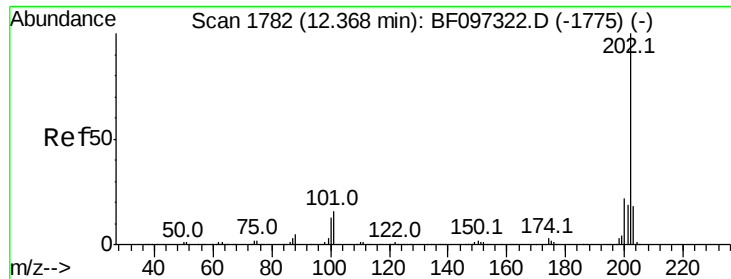
Delta R.T. -0.02 min

Lab File: BF097557.D

Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	210926		
120	14.4	5.8	8.8#	
236	25.7	20.5	30.7	





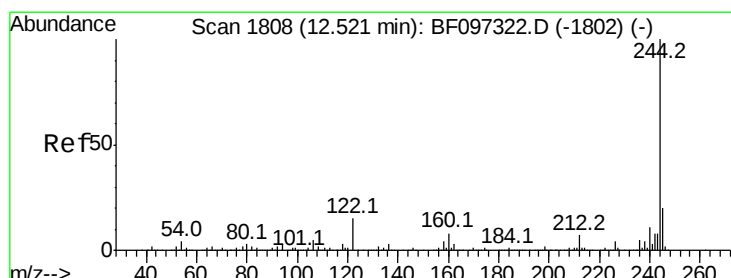
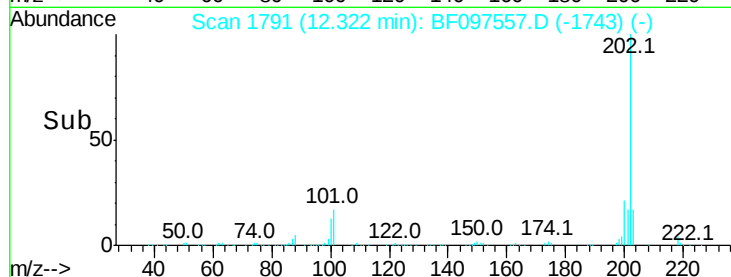
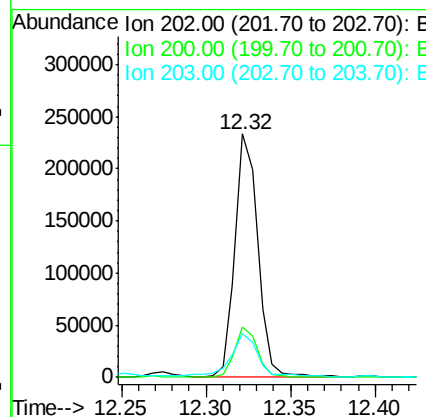
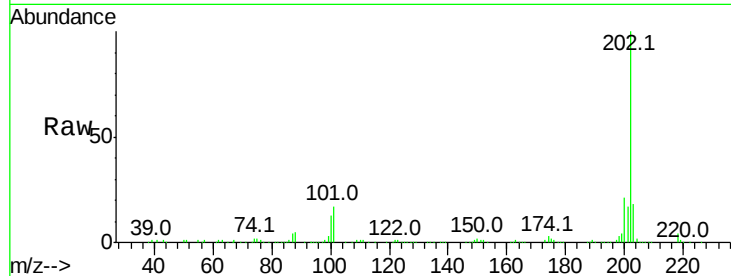
#77
Pvrene
Concen: 12.624 ng
RT: 12.32 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Instrument :
BNA_F
ClientSampleId :
E2-D10-ESW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.8	14.4	21.6

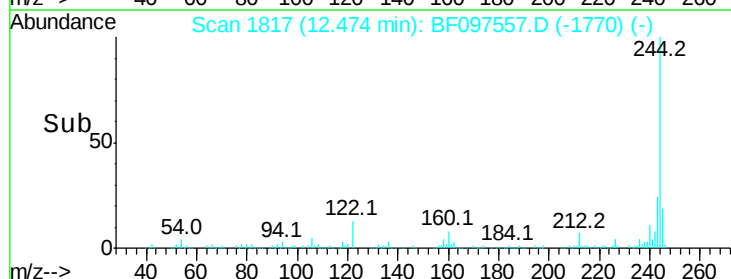
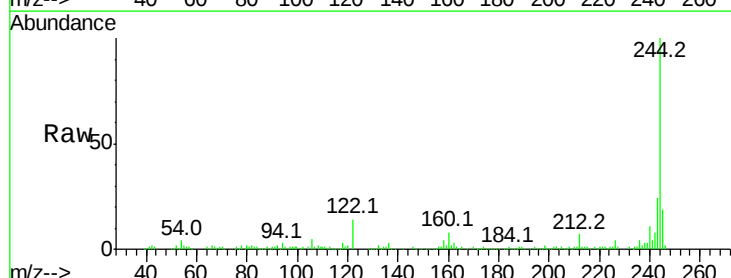
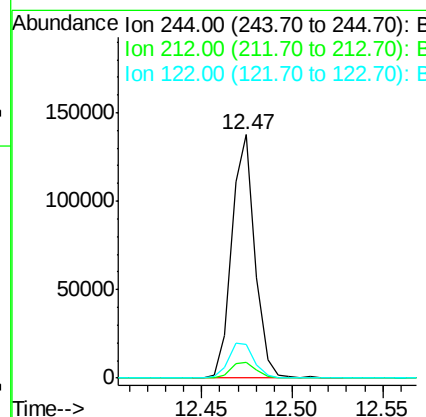
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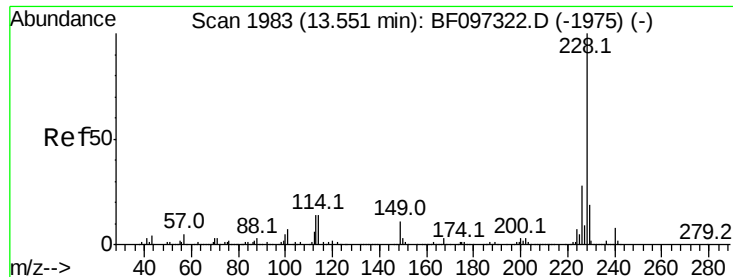
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#78
Terphenyl-d14
Concen: 11.757 ng
RT: 12.47 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.8	10.3	15.5





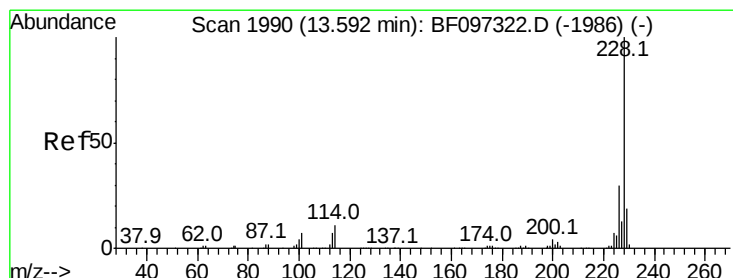
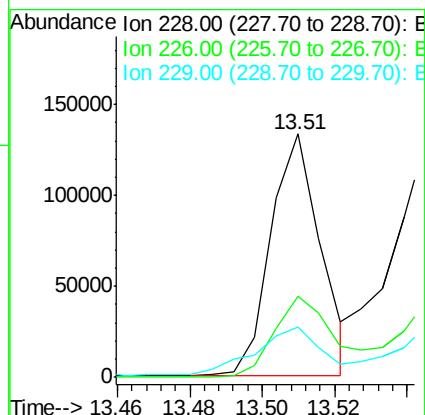
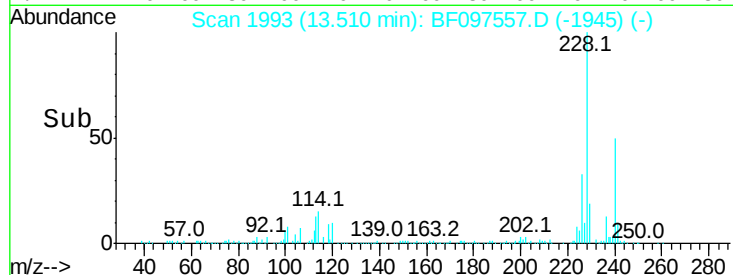
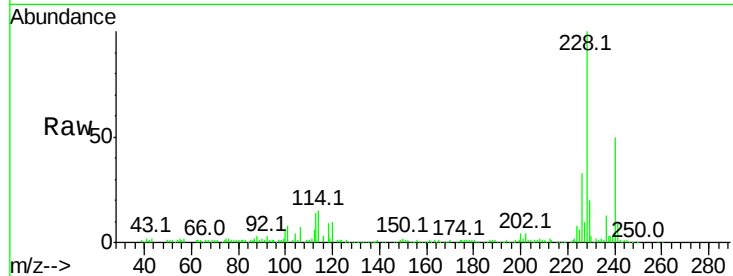
#80
Benzo(a)anthracene
Concen: 9.327 ng
RT: 13.51 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Instrument :
BNA_F
ClientSampleId :
E2-D10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
228	100	127287		
226	33.0	22.6	33.8	
229	20.5	16.3	24.5	

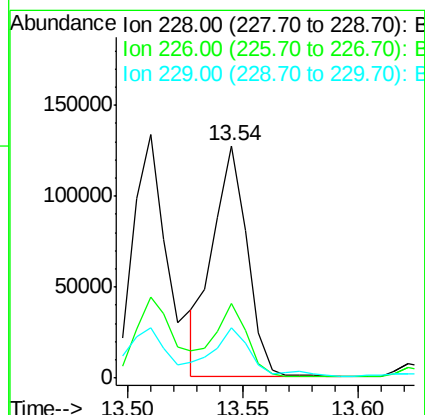
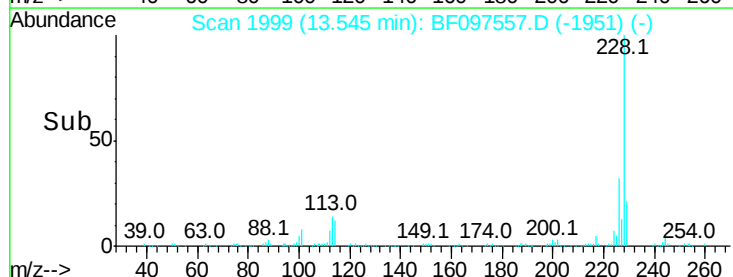
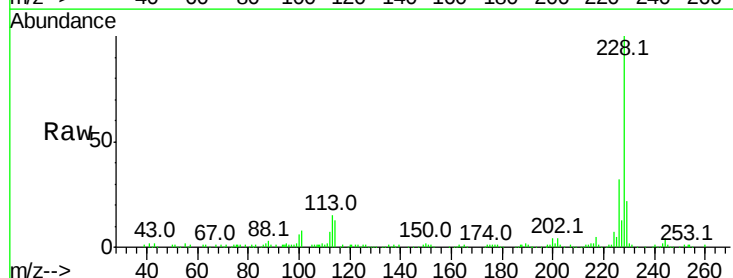
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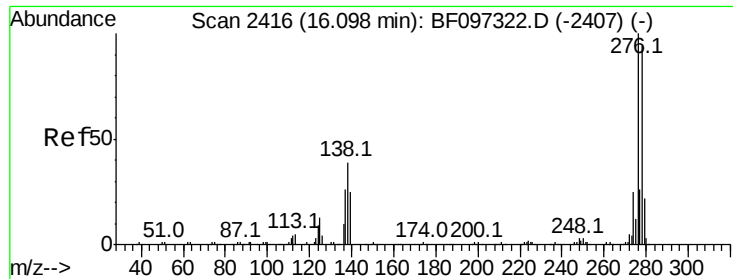
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#82
Chrysene
Concen: 9.951 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	132610		
226	31.9	24.9	37.3	
229	21.8	15.8	23.6	





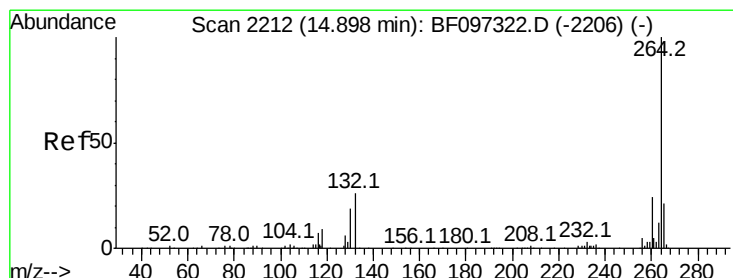
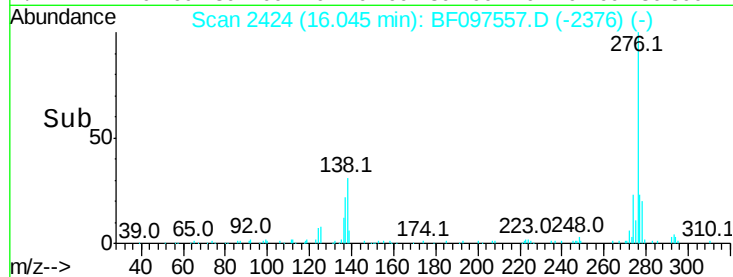
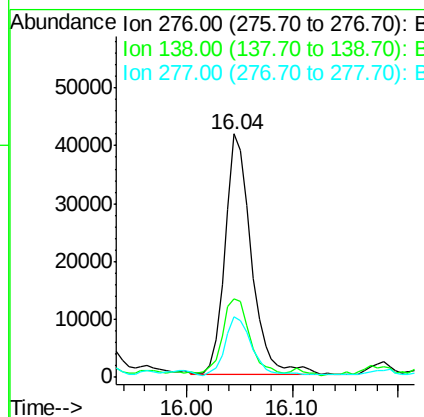
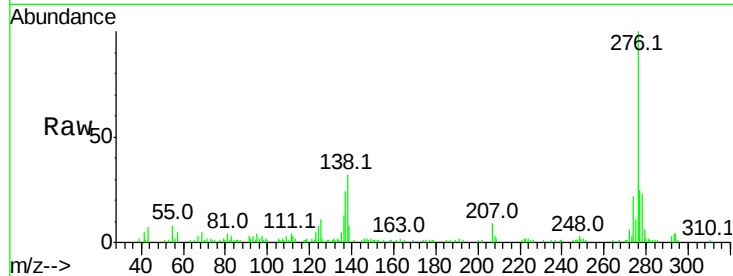
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.252 ng
RT: 16.04 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Instrument :
BNA_F
ClientSampleId :
E2-D10-ESW

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	27.8	41.6
277	25.0	20.2	30.4

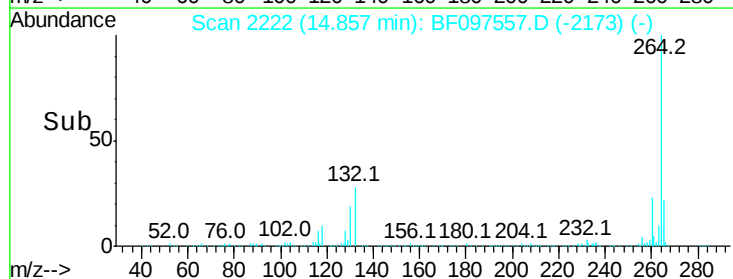
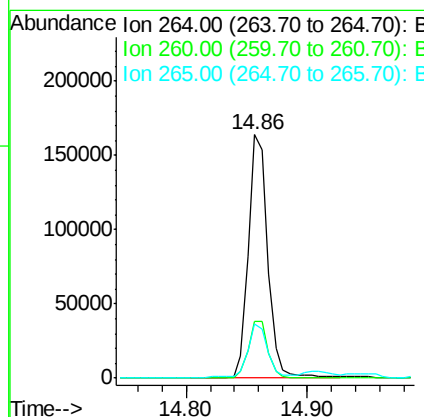
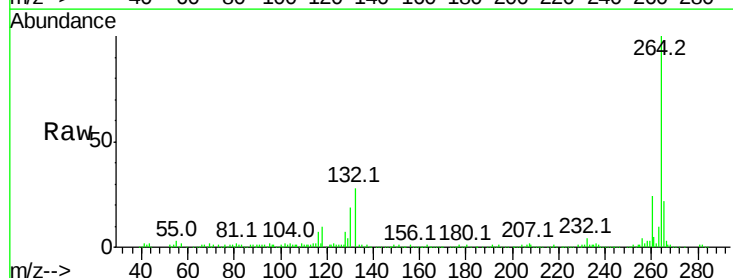
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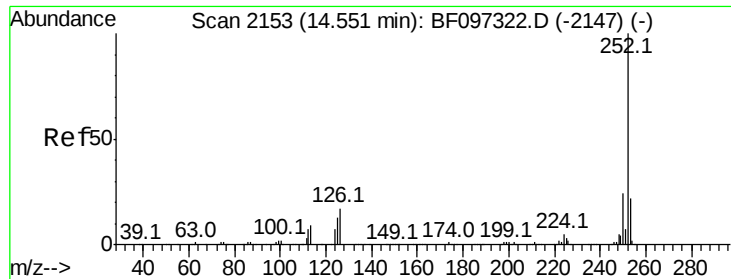
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.4	17.2	25.8





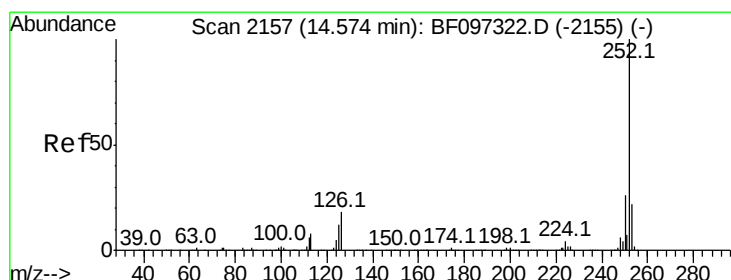
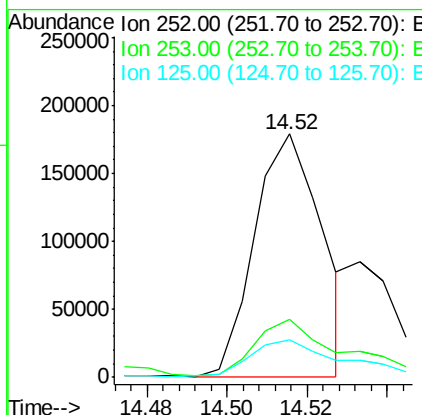
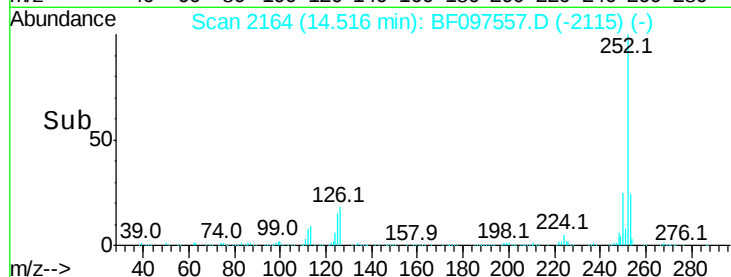
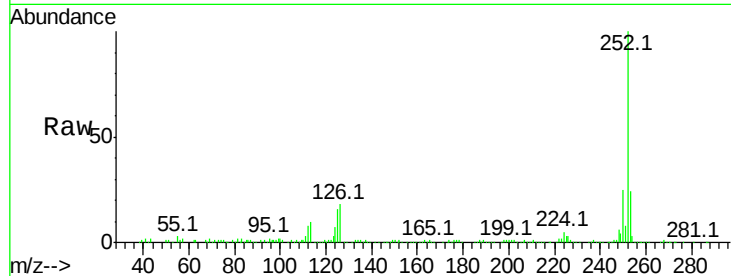
#87
Benzo(b)fluoranthene
Concen: 18.999 ng m
RT: 14.52 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Instrument :
BNA_F
ClientSampleId :
E2-D10-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	15.6	9.8	14.8

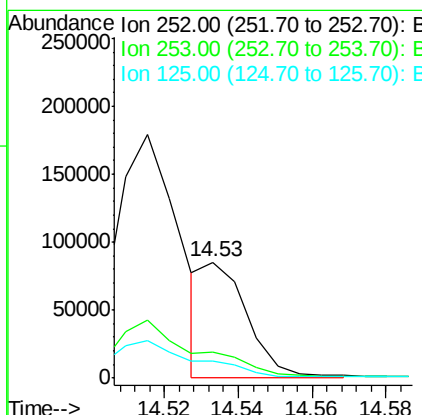
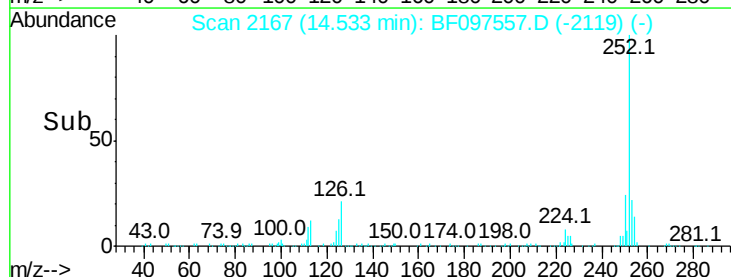
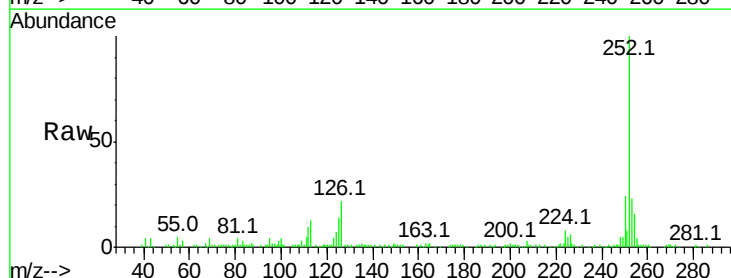
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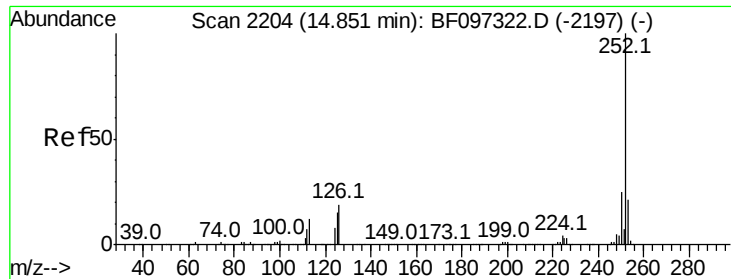
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#88
Benzo(k)fluoranthene
Concen: 6.709 ng m
RT: 14.53 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	14.3	13.1	19.7





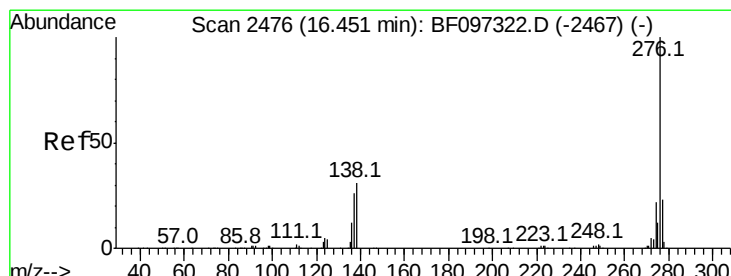
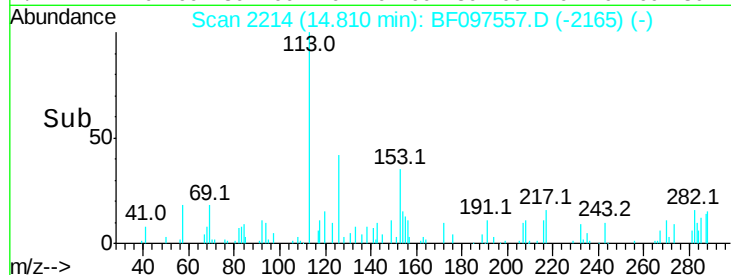
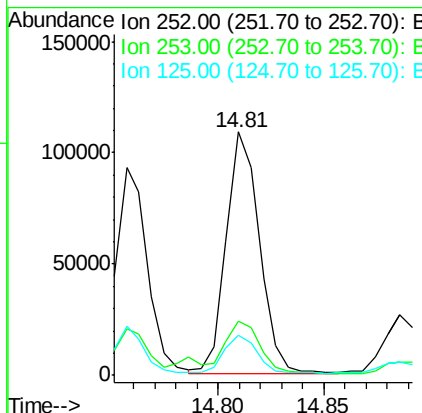
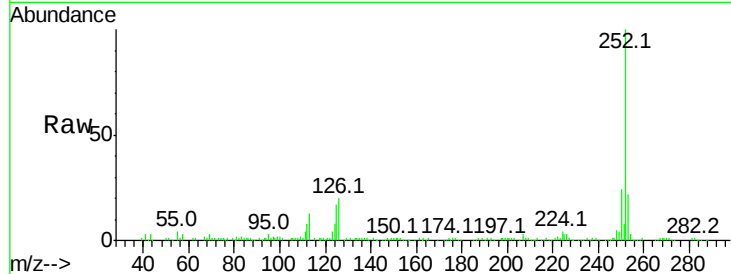
#89
Benzo(a)pyrene
Concen: 11.631 ng
RT: 14.81 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Instrument :
BNA_F
ClientSampleId :
E2-D10-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	16.7	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.029 ng
RT: 16.40 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF097557.D
Acq: 10 Aug 2017 12:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	31.0	25.4	38.0

