

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095780.D
 Acq On : 8 Jun 2017 13:24
 Operator : SJ/MA
 Sample : I3469-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-2)20170603

Manual Integrations
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Quant Time: Jun 08 16:57:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	74906	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	309735	20.00	ng	0.00
38) Acenaphthene-d10	12.22	164	139126	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	237950	20.00	ng	0.00
75) Chrysene-d12	18.33	240	158895	20.00	ng	0.00
86) Perylene-d12	20.00	264	145069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	490011	104.24	ng	0.00
7) Phenol-d6	6.93	99	627461	111.49	ng	0.00
23) Nitrobenzene-d5	8.29	82	364598	73.11	ng	0.00
41) 2,4,6-Tribromophenol	13.52	330	126023	102.38	ng	-0.01
44) 2-Fluorobiphenyl	11.18	172	657410	65.76	ng	0.00
78) Terphenyl-d14	16.99	244	444449	69.42	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	116833	11.06	ng	99
51) Acenaphthene	12.27	154	33618	3.80	ng	95
54) Dibenzofuran	12.57	168	25870	2.08	ng	# 90
57) Fluorene	13.12	166	35359	3.26	ng	98
70) Phenanthrene	14.65	178	390015	28.41	ng	98
71) Anthracene	14.74	178	108478	7.57	ng	96
72) Carbazole	15.04	167	33211	2.38	ng	97
74) Fluoranthene	16.43	202	396086	29.15	ng	99
77) Pyrene	16.73	202	333645	28.14	ng	# 95
80) Benzo(a)anthracene	18.32	228	137280	14.86	ng	98
82) Chrysene	18.36	228	119443	12.94	ng	97
85) Indeno(1,2,3-cd)pyrene	21.17	276	59663	7.55	ng	94
87) Benzo(b)fluoranthene	19.60	252	136390m	15.01	ng	
88) Benzo(k)fluoranthene	19.62	252	56184m	6.47	ng	
89) Benzo(a)pyrene	19.94	252	111262	13.33	ng	100
90) Dibenzo(a,h)anthracene	21.17	278	16059m	2.27	ng	
91) Benzo(a,h,i)perylene	21.50	276	57827	8.01	ng	98

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

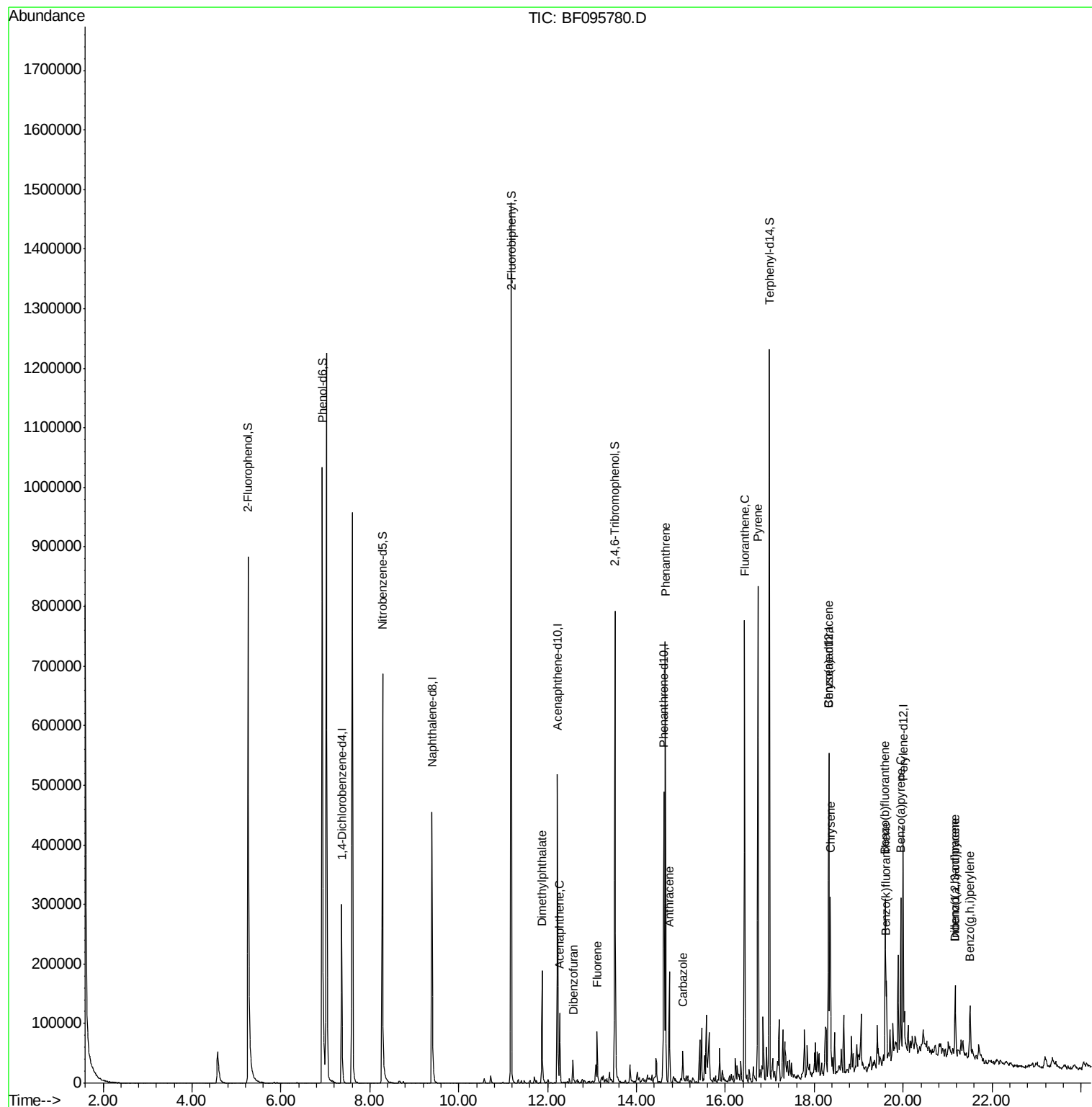
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
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#1

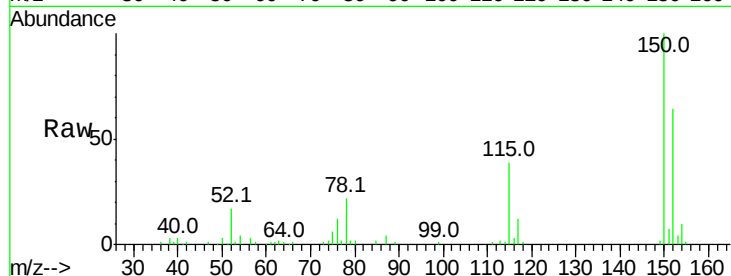
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)20170603

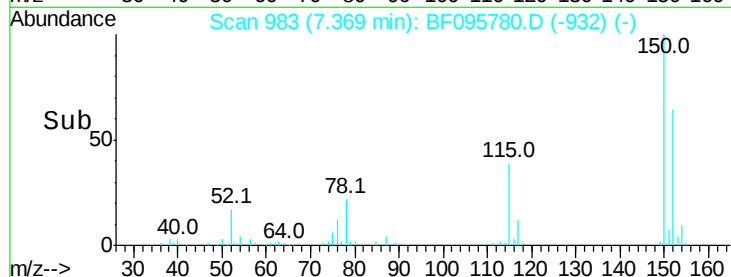
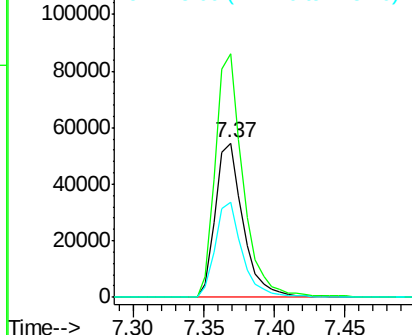
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	61.4	52.2	78.2

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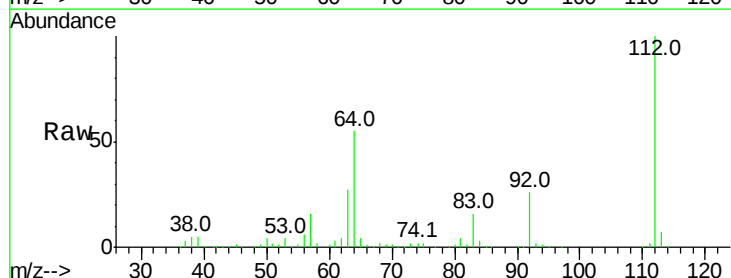
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



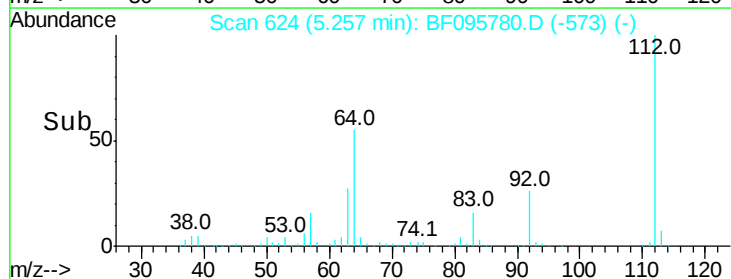
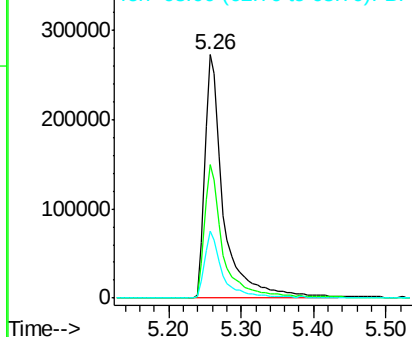
#5

2-Fluorophenol
Concen: 104.24 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	27.4	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: 111.49 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF095780.D

Acq: 8 Jun 2017 13:24

Instrument :

BNA_F

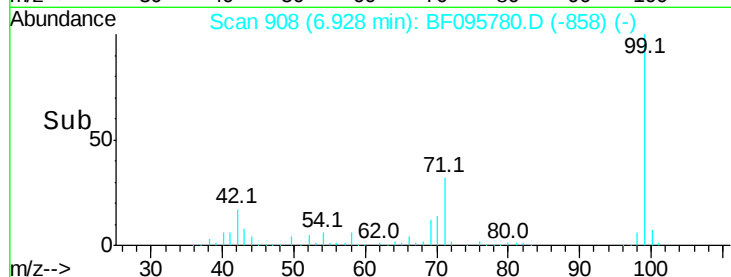
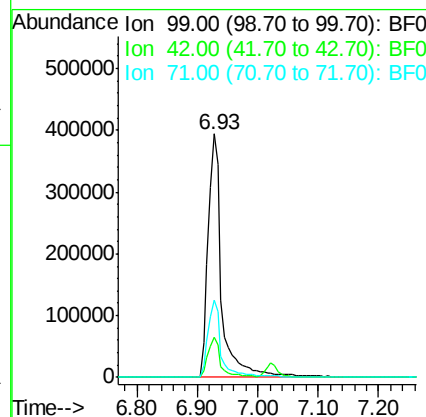
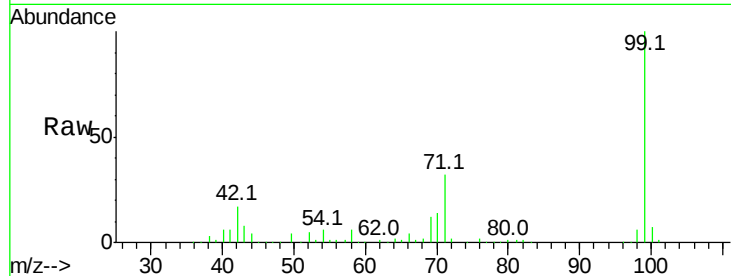
ClientSampleId :

SB-1(0-2)20170603

Tot Ion:	99	Resp:	627461
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.5	20.3
71	31.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

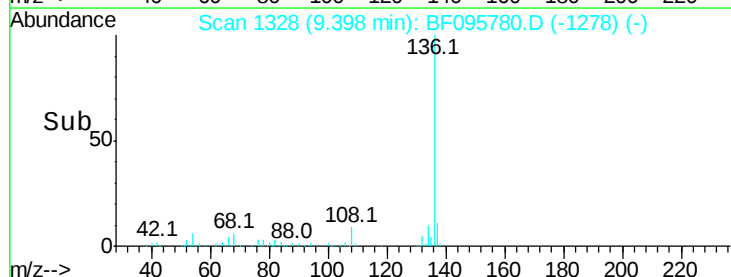
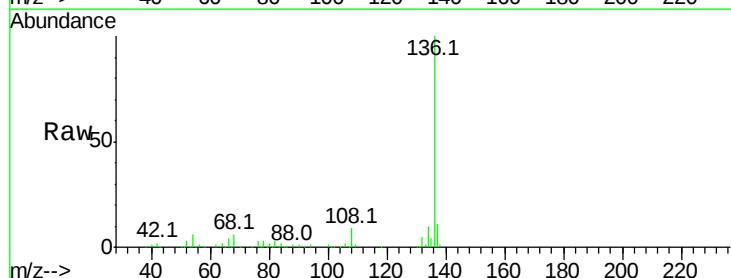
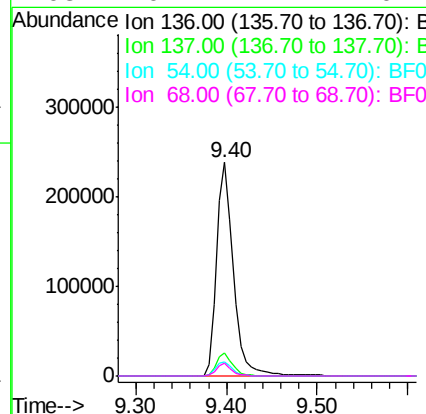
RT: 9.40 min Scan# 1328

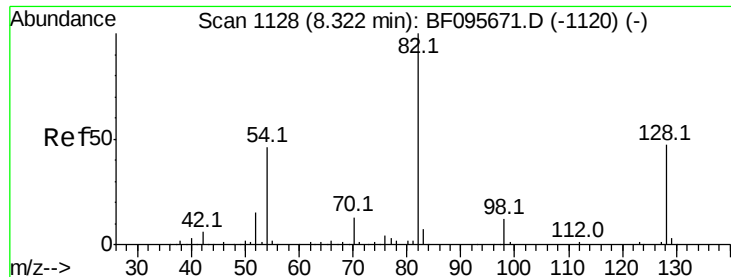
Delta R.T. -0.01 min

Lab File: BF095780.D

Acq: 8 Jun 2017 13:24

Tgt Ion:	136	Resp:	309735
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.5	4.9	7.3
68	6.1	4.1	6.1





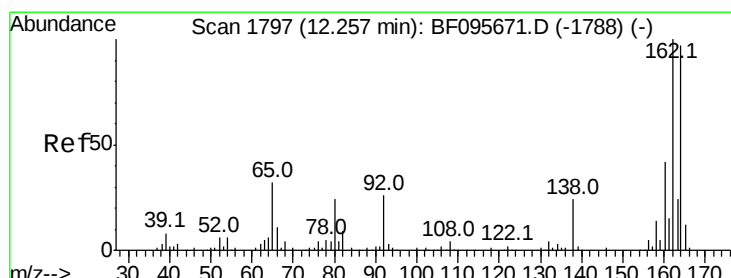
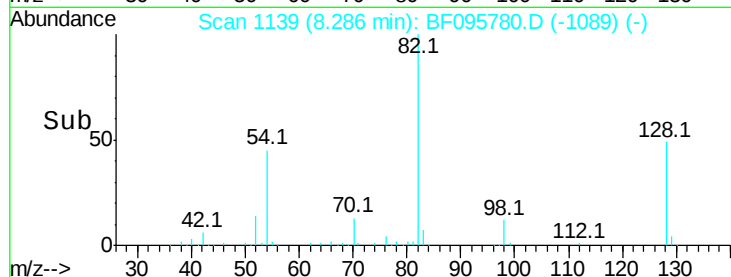
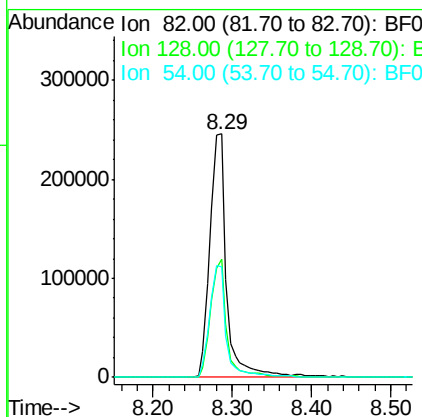
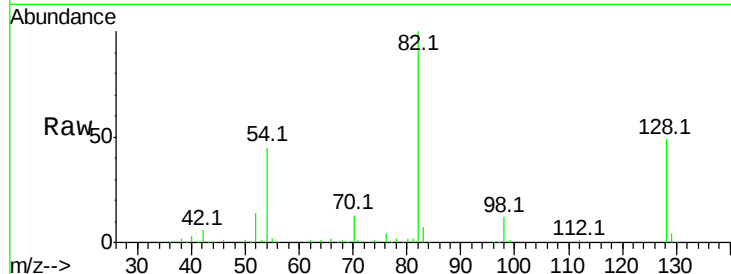
#23
Nitrobenzene-d5
Concen: 73.11 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)20170603

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	45.3	42.2	63.2

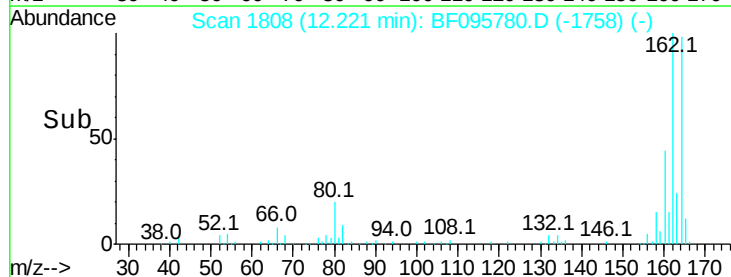
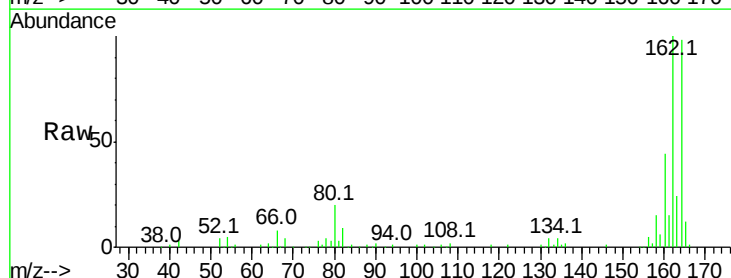
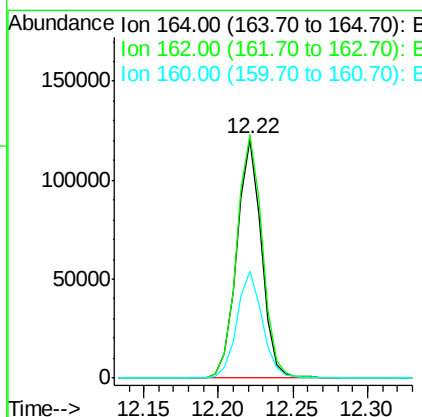
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	44.9	36.2	54.2





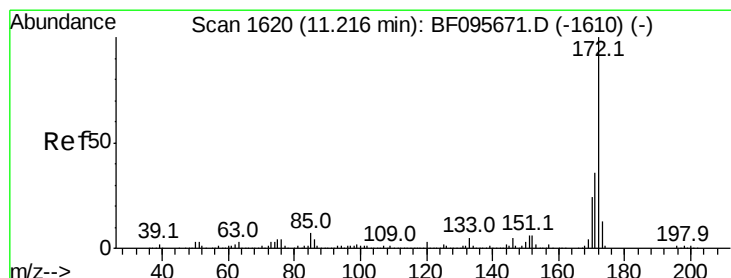
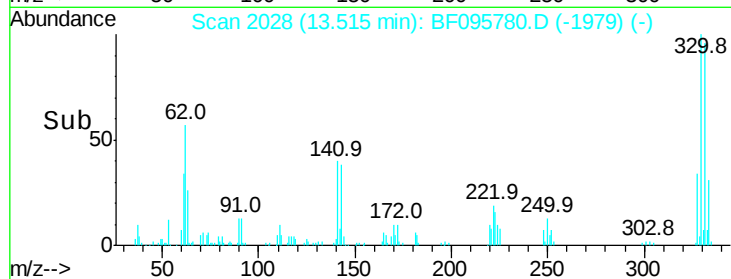
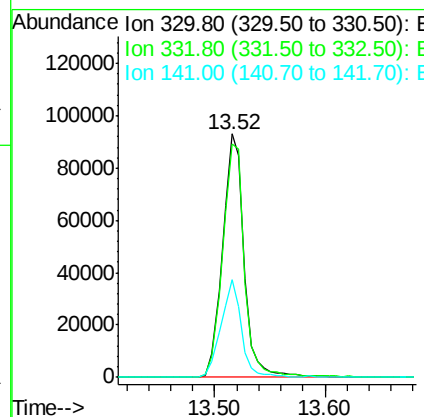
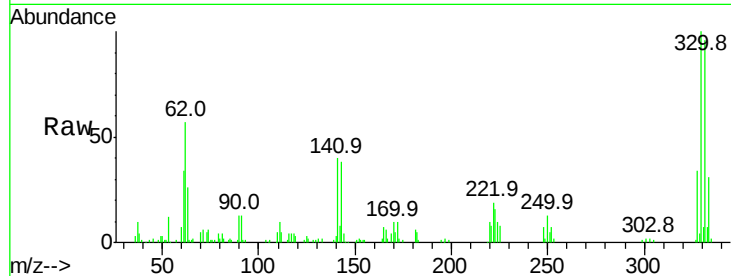
#41
 2,4,6-Tribromophenol
 Concen: 102.38 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF095780.D
 Acq: 8 Jun 2017 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-2)20170603

Tot Ion	Ratio	Resp	Lower	Upper
330	100	126023		
332	97.4		76.6	115.0
141	37.8		31.4	47.2

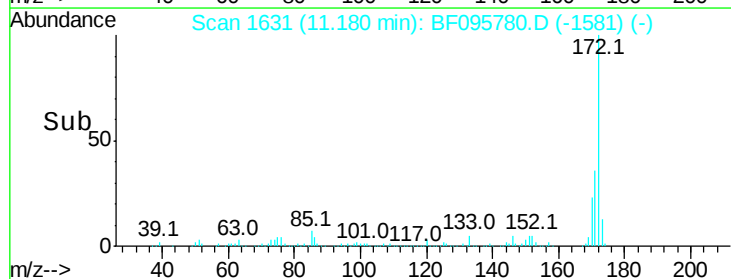
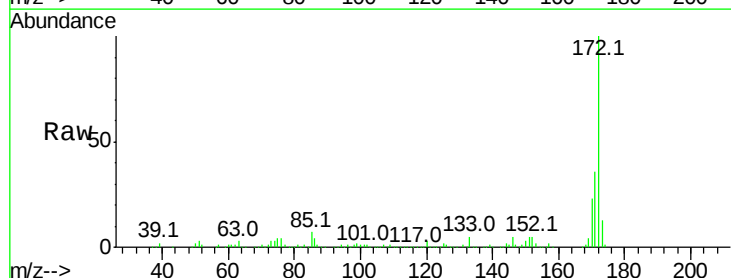
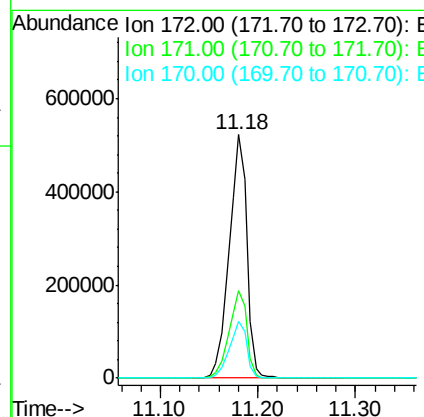
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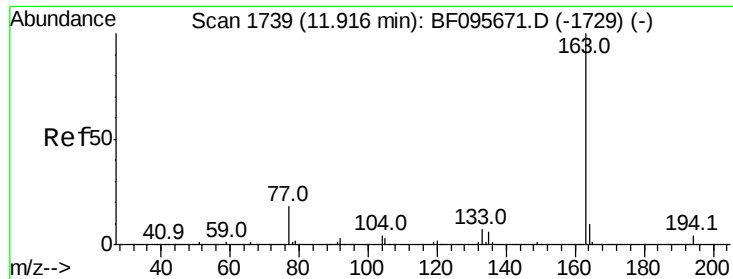
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#44
 2-Fluorobiphenyl
 Concen: 65.76 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095780.D
 Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	657410		
171	35.7		29.6	44.4
170	23.3		19.8	29.8





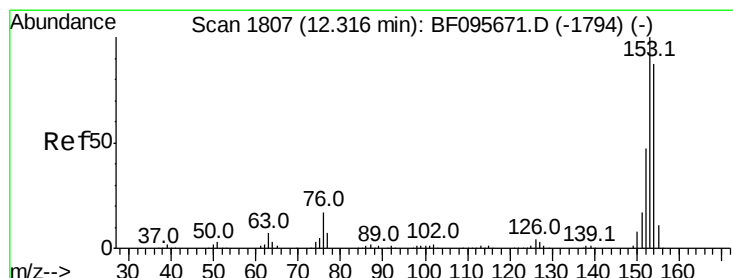
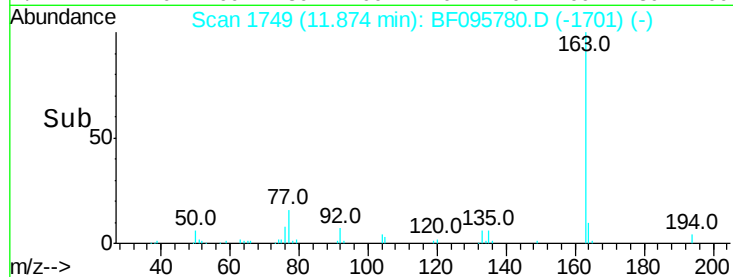
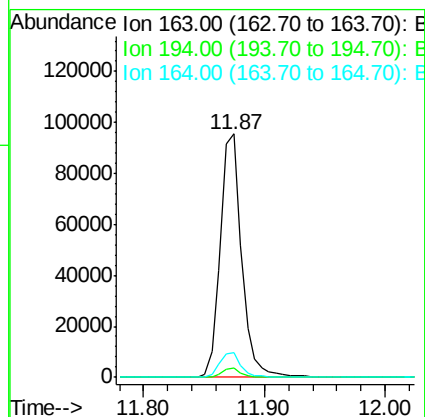
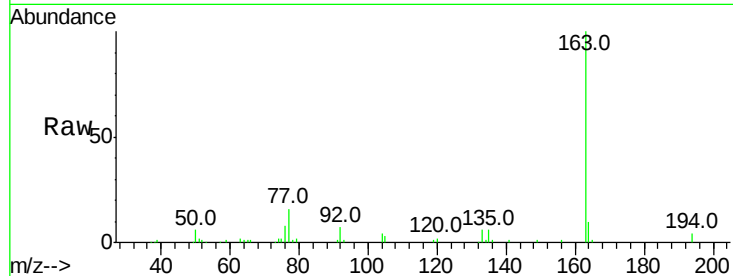
#49
Dimethylphthalate
Concen: 11.06 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)20170603

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.6	4.0	
164	10.3	8.4	12.6	

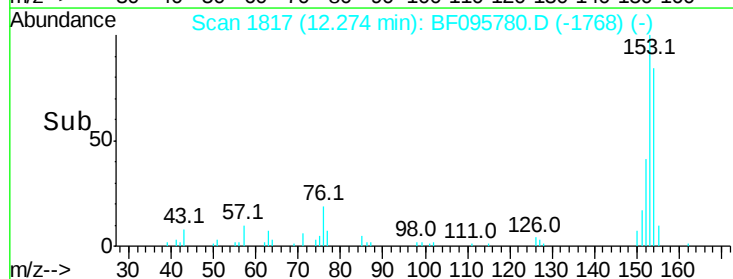
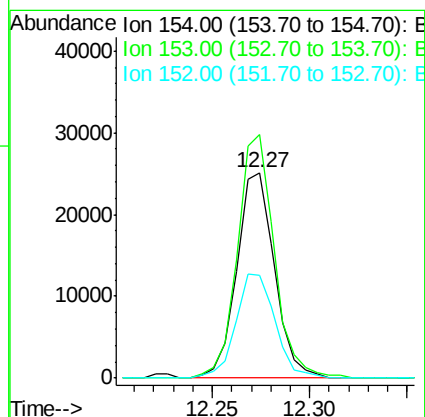
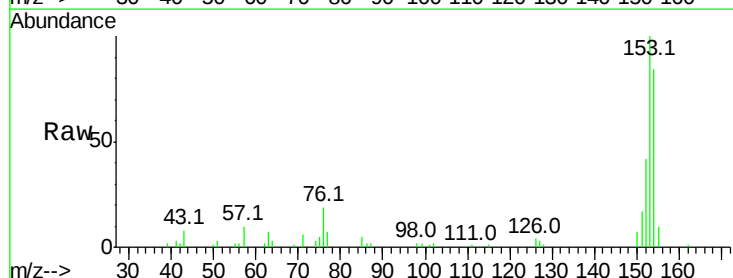
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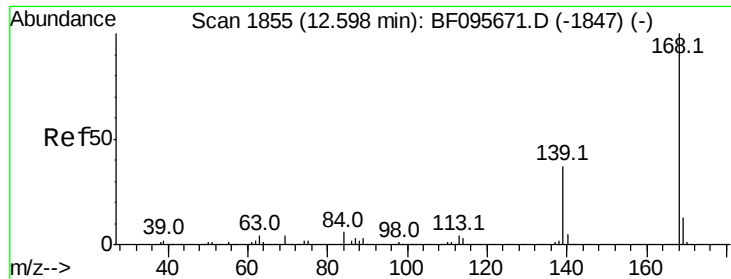
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#51
Acenaphthene
Concen: 3.80 ng
RT: 12.27 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	118.4	90.5	135.7	
152	50.0	43.6	65.4	





#54

Dibenzenofuran

Concen: 2.08 ng

RT: 12.57 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF095780.D

Acq: 8 Jun 2017 13:24

Instrument :

BNA_F

ClientSampleId :

SB-1(0-2)20170603

Tot Ion:168 Resp: 25870

Ion Ratio Lower Upper

168 100

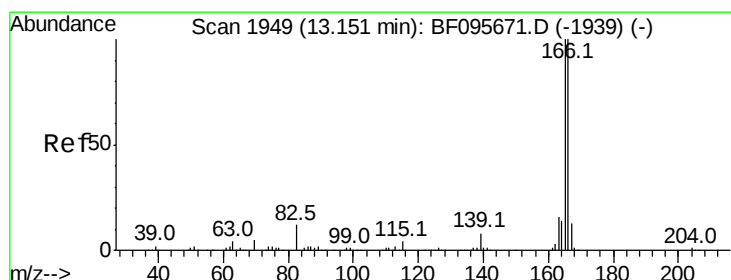
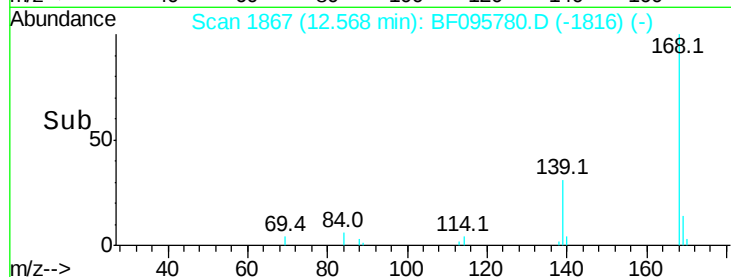
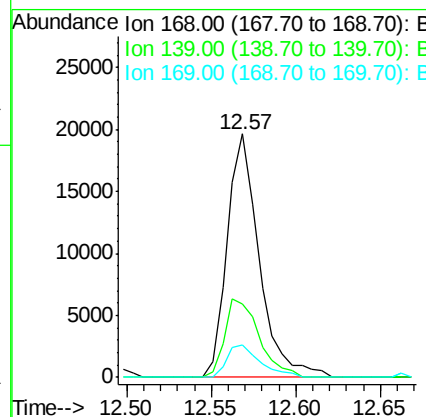
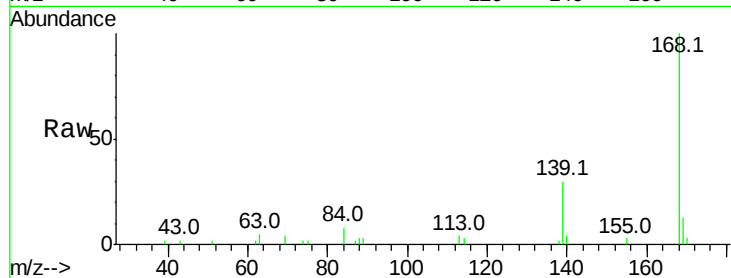
139 30.1 30.6 45.8#

169 13.3 10.8 16.2

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#57

Fluorene

Concen: 3.26 ng

RT: 13.12 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BF095780.D

Acq: 8 Jun 2017 13:24

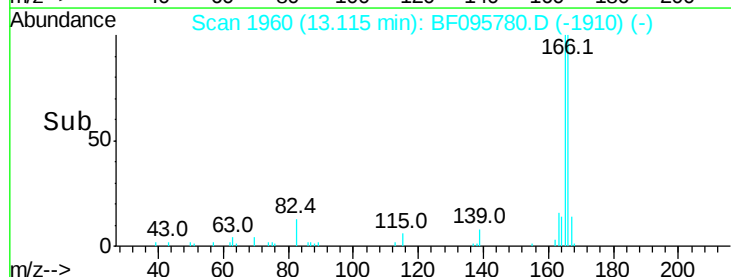
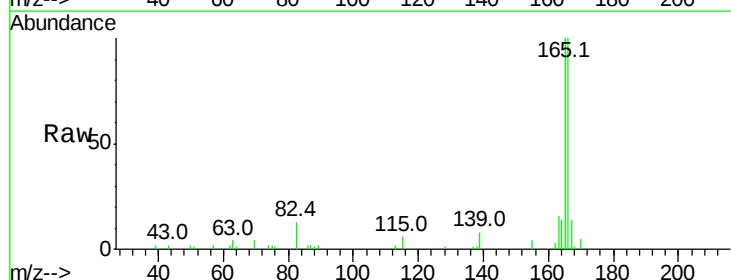
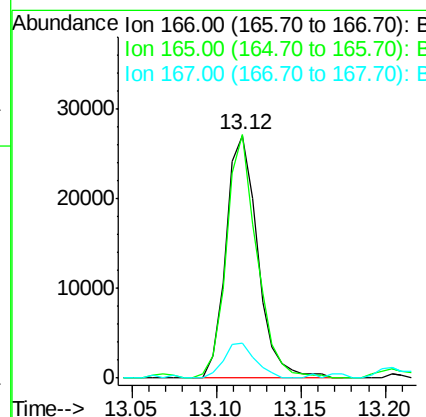
Tgt Ion:166 Resp: 35359

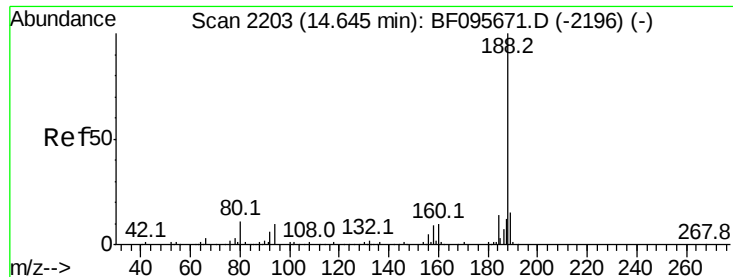
Ion Ratio Lower Upper

166 100

165 100.4 78.8 118.2

167 14.4 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BF095780.D

Acq: 8 Jun 2017 13:24

Instrument :

BNA_F

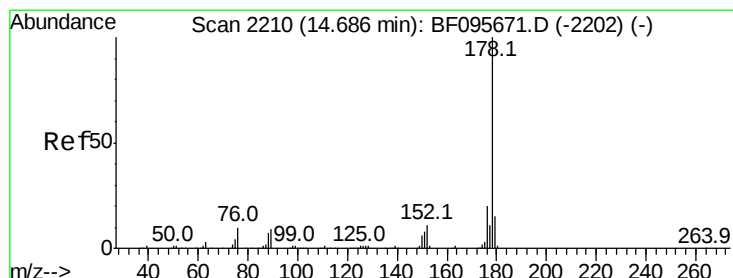
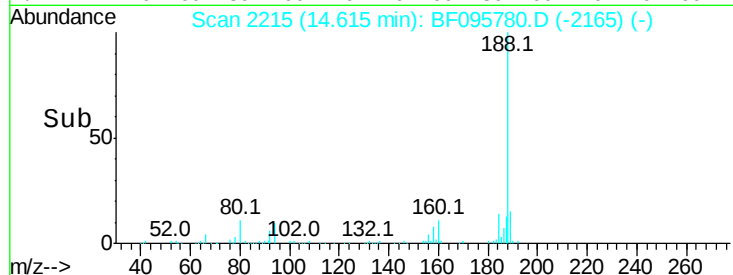
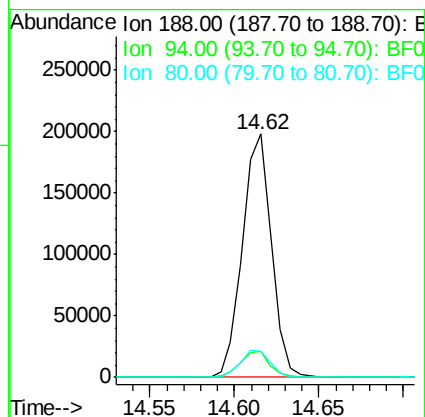
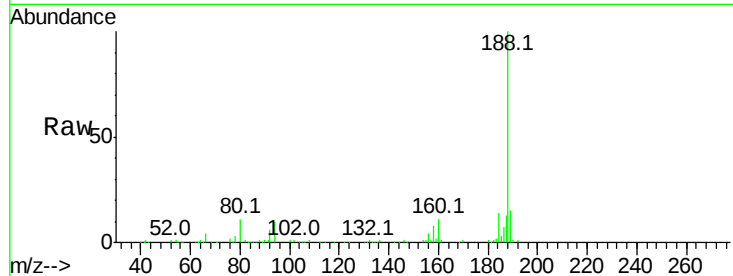
ClientSampleId :

SB-1(0-2)20170603

Tot Ion:	188	Resp:	237950
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	10.7	10.2	15.2

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#70

Phenanthrene

Concen: 28.41 ng

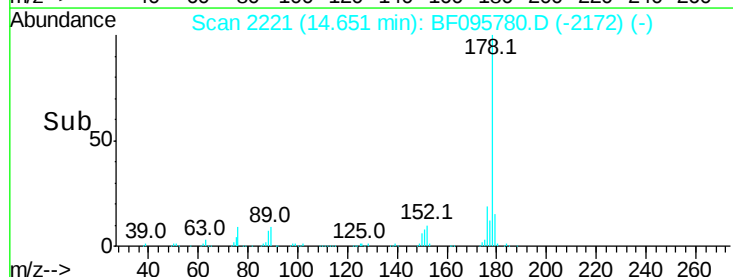
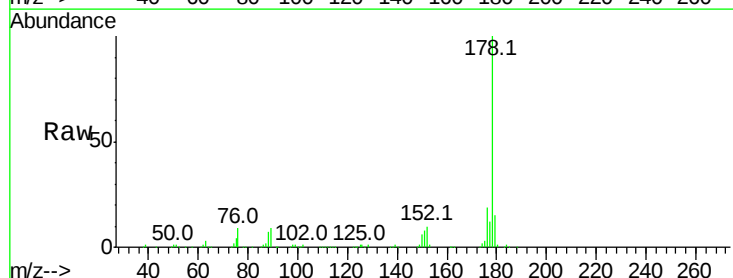
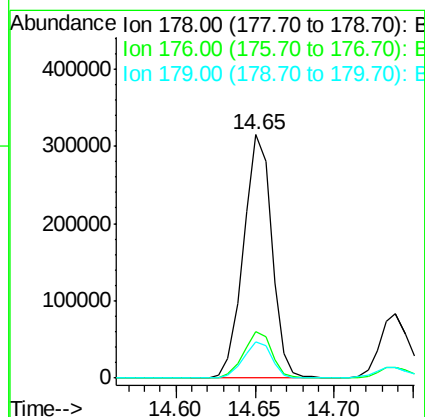
RT: 14.65 min Scan# 2221

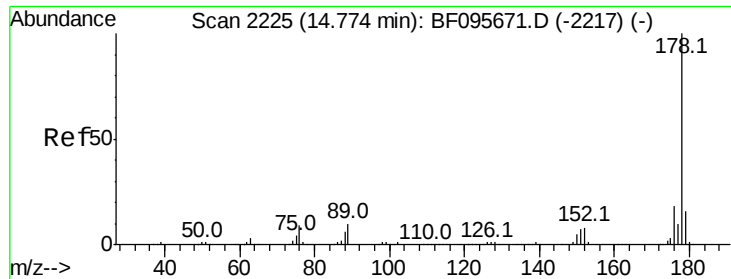
Delta R.T. -0.01 min

Lab File: BF095780.D

Acq: 8 Jun 2017 13:24

Tgt Ion:	178	Resp:	390015
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.2	24.4
179	15.0	12.6	19.0





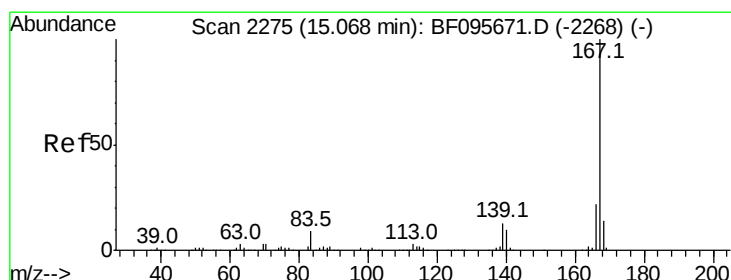
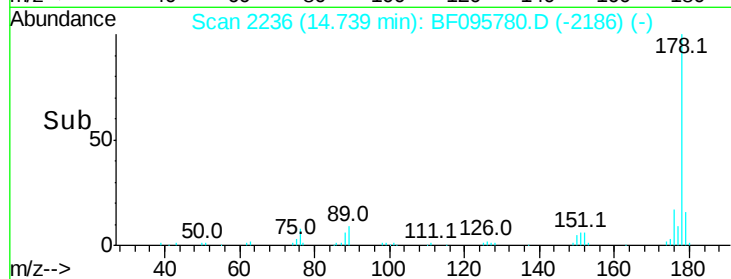
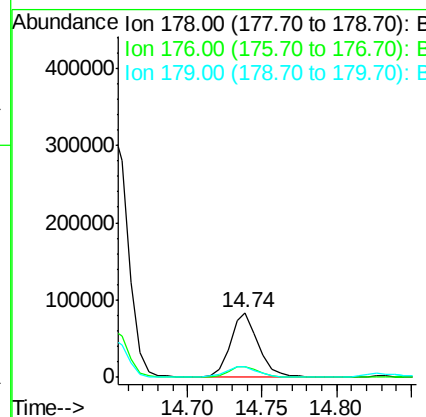
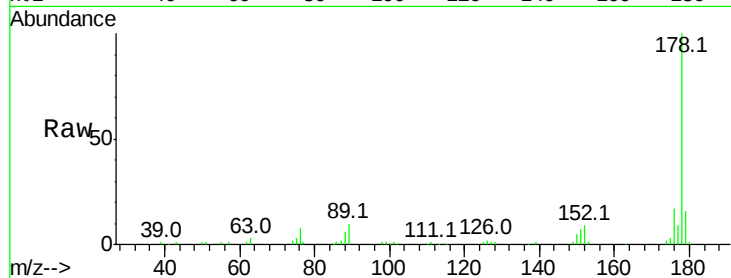
#71
 Anthracene
 Concen: 7.57 ng
 RT: 14.74 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF095780.D
 Acq: 8 Jun 2017 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-2)20170603

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.8	23.8
179	16.4	12.7	19.1

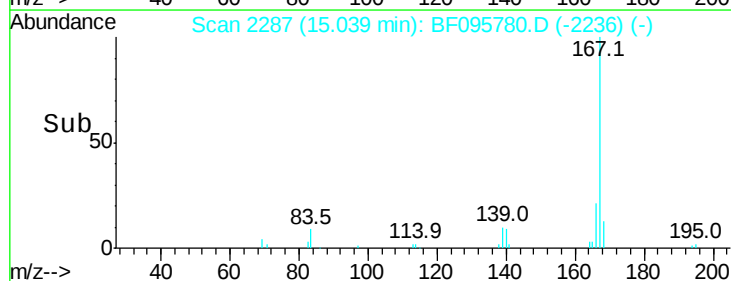
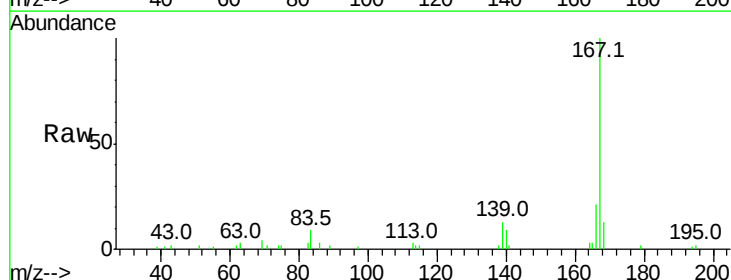
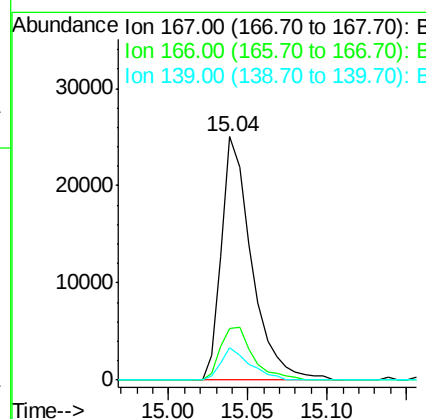
Manual Integrations
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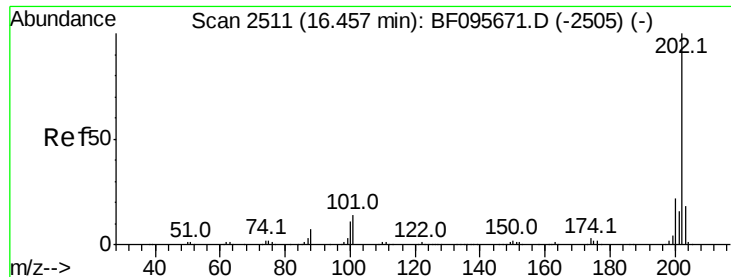
mohammad
 6/9/2017 12:08:33 PM



#72
 Carbazole
 Concen: 2.38 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BF095780.D
 Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.1	27.1
139	13.1	11.7	17.5





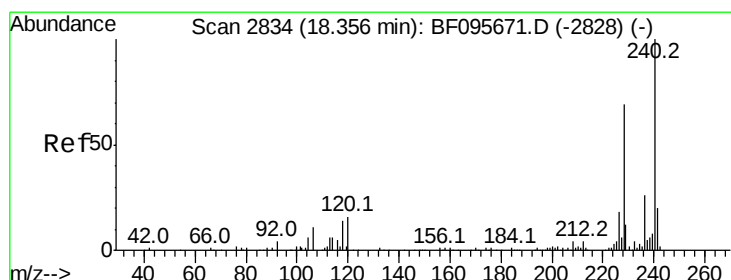
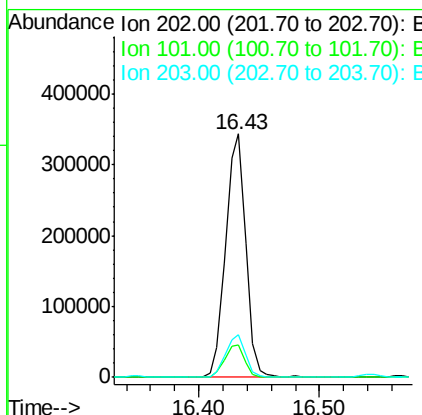
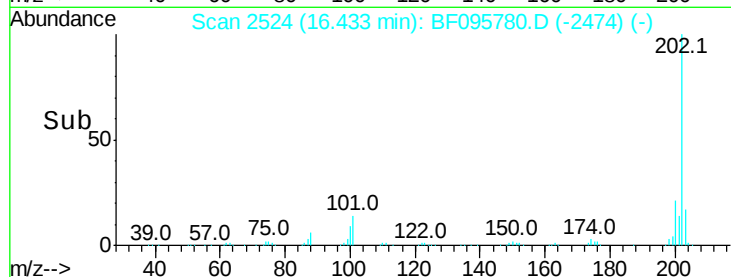
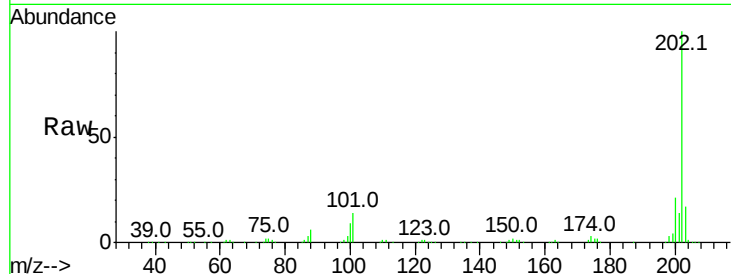
#74
 Fluoranthene
 Concen: 29.15 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BF095780.D
 Acq: 8 Jun 2017 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-2)20170603

Tot Ion	Ratio	Resp	Lower	Upper
202	100	396086		
101	13.5	0.0	33.2	
203	17.3	0.0	38.1	

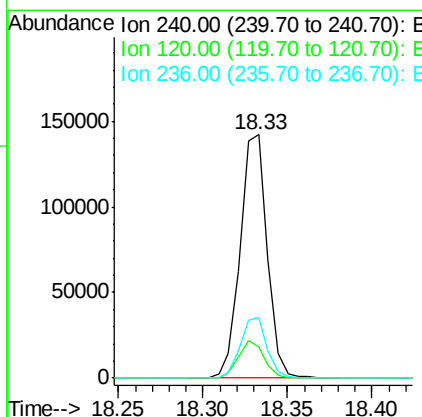
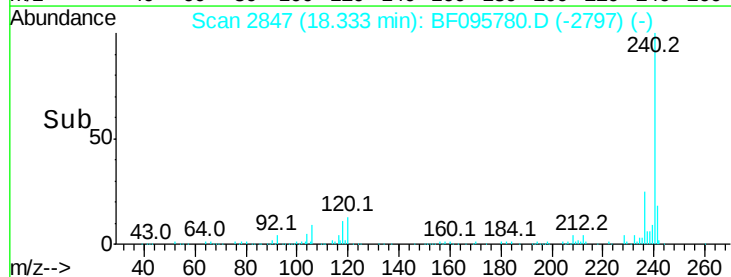
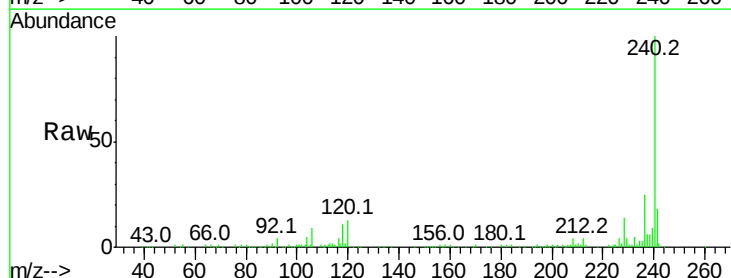
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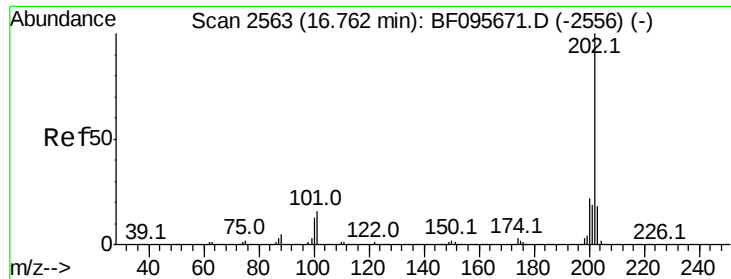
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095780.D
 Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	158895		
120	13.0	5.8	8.8#	
236	24.6	20.5	30.7	





#77

Pvrene

Concen: 28.14 ng

RT: 16.73 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095780.D

Acq: 8 Jun 2017 13:24

Instrument :

BNA_F

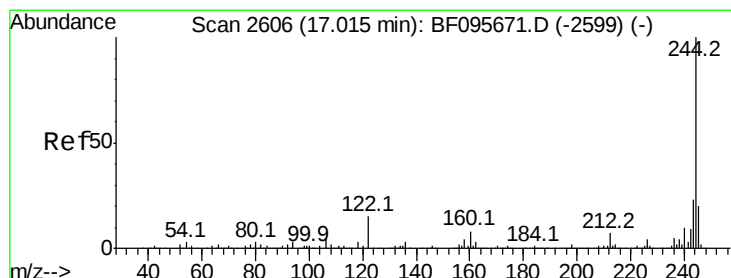
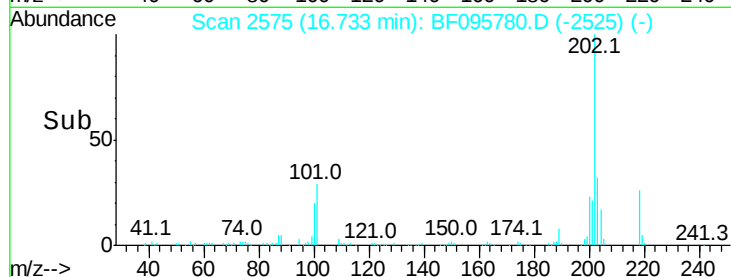
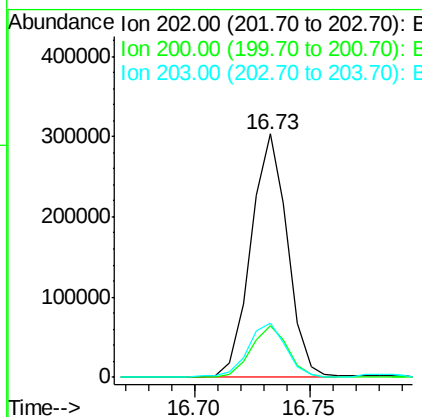
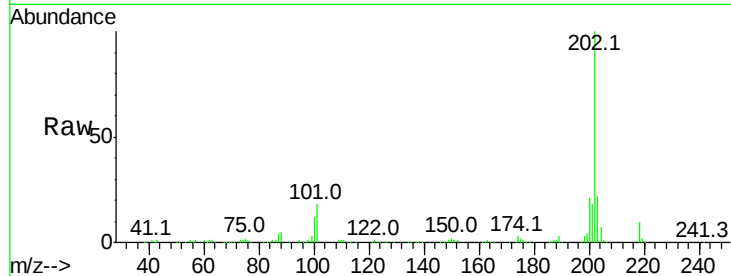
ClientSampleId :

SB-1(0-2)20170603

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	17.6	26.4	
203	22.2	14.4	21.6	

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#78

Terphenyl-d14

Concen: 69.42 ng

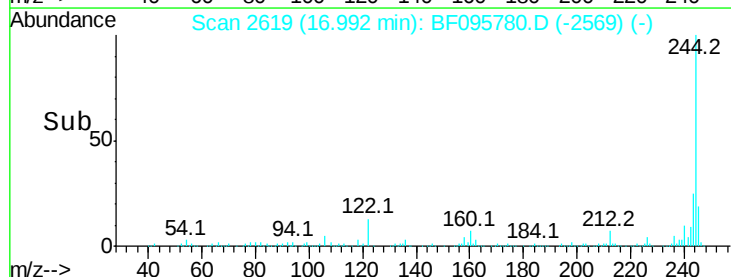
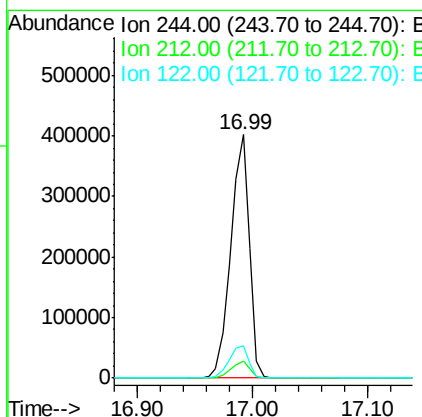
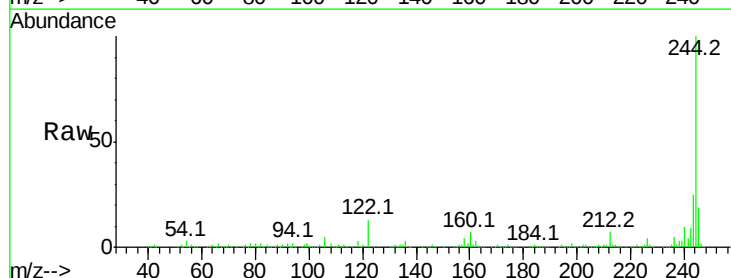
RT: 16.99 min Scan# 2619

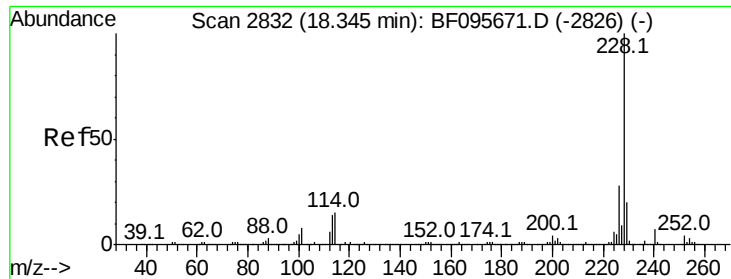
Delta R.T. -0.01 min

Lab File: BF095780.D

Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	6.0	9.0	
122	13.3	10.3	15.5	





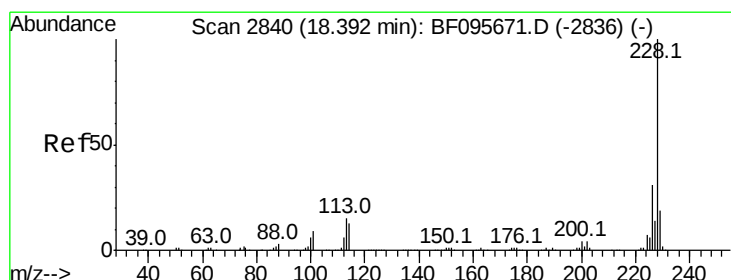
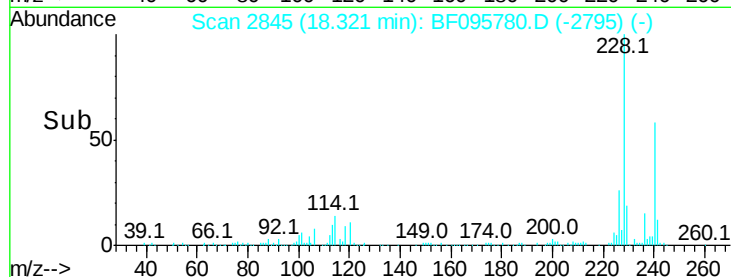
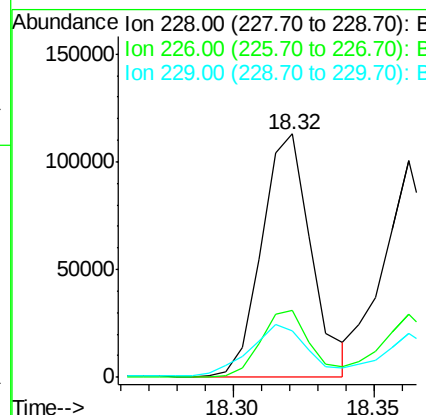
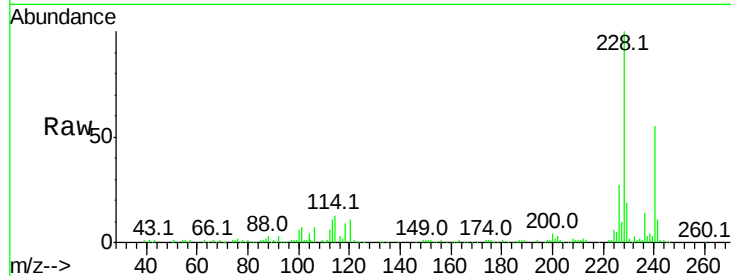
#80
Benzo(a)anthracene
Concen: 14.86 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)20170603

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.2	16.3	24.5

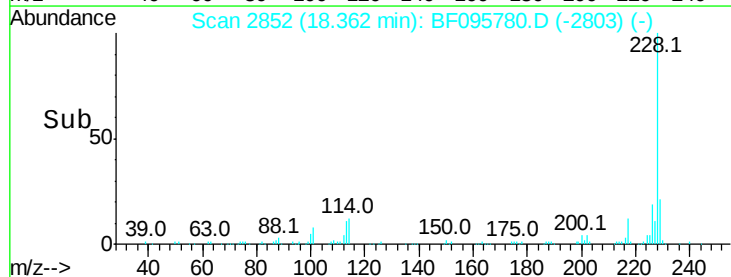
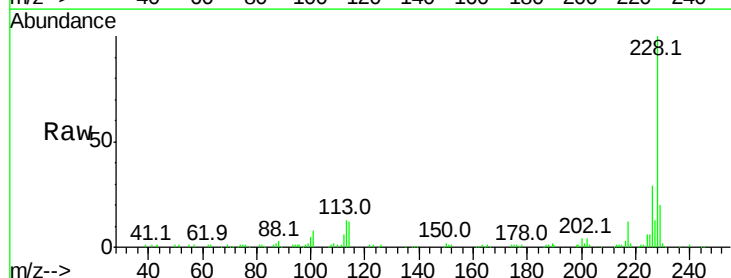
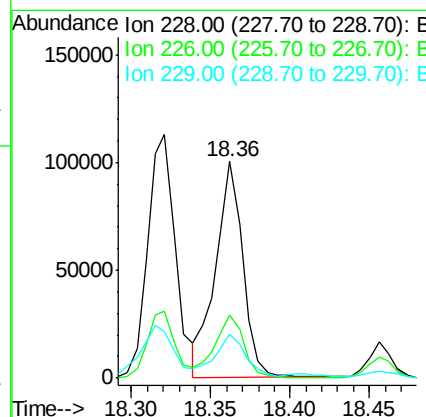
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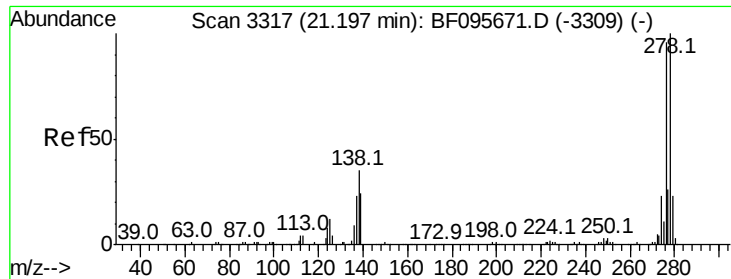
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#82
Chrysene
Concen: 12.94 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	20.5	15.8	23.6





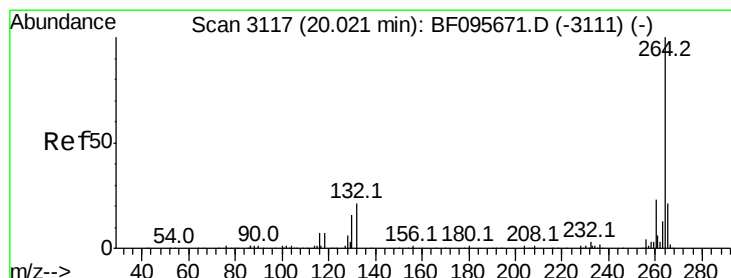
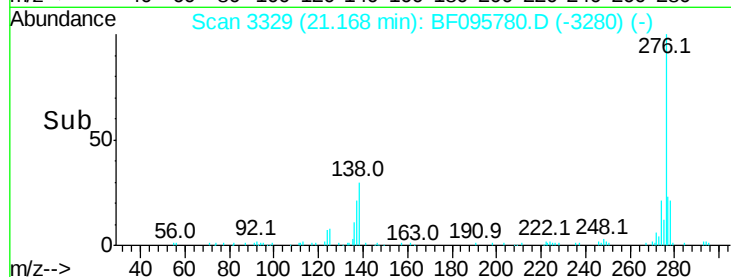
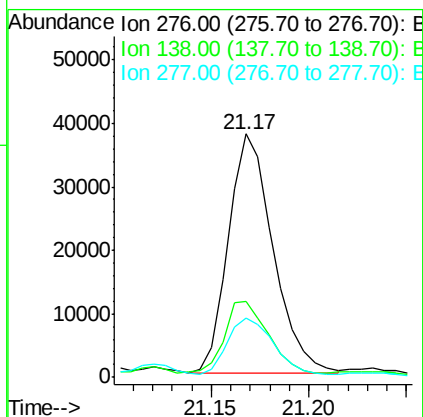
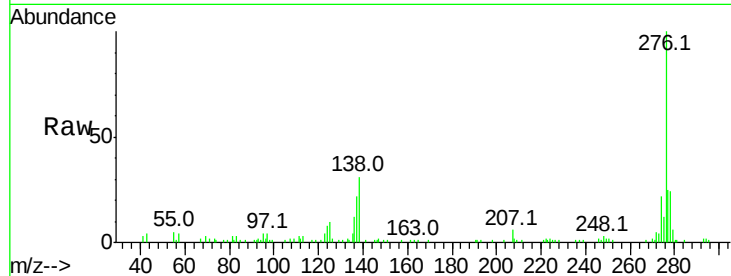
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.55 ng
RT: 21.17 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)20170603

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	27.8	41.6
277	27.0	20.2	30.4

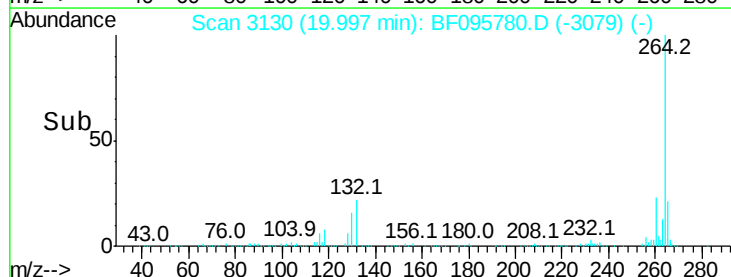
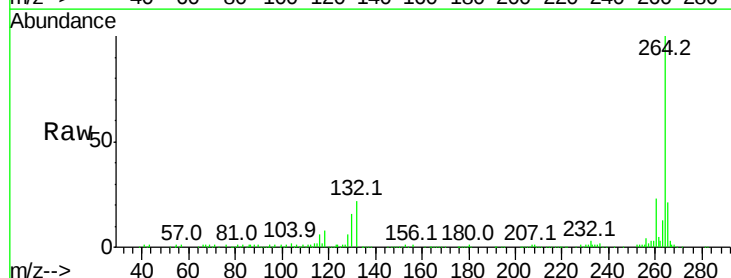
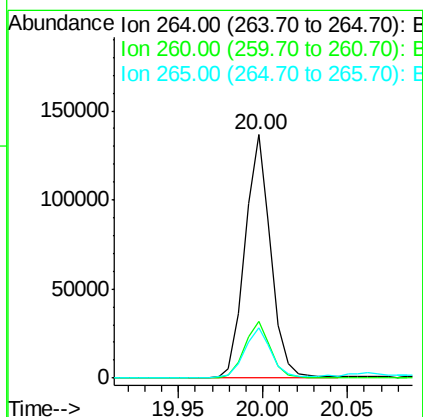
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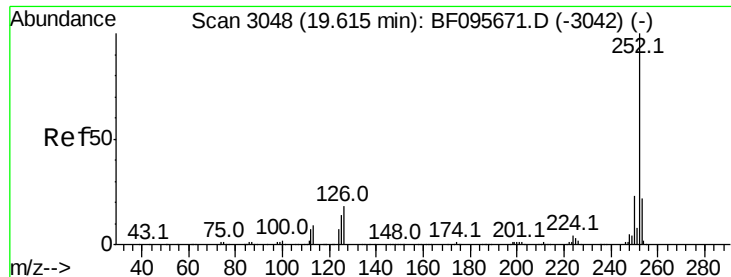
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.8	17.2	25.8





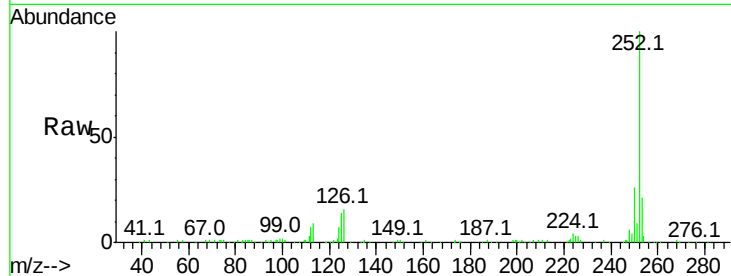
#87
Benzo(b)fluoranthene
Concen: 15.01 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.00 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)20170603

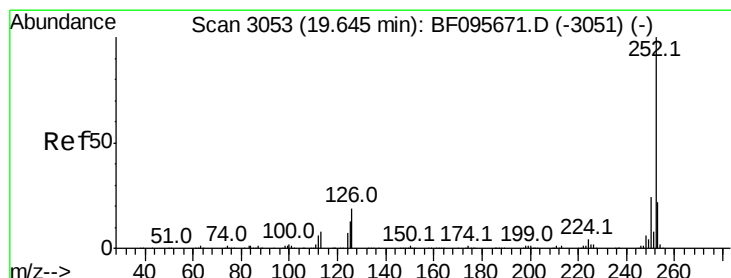
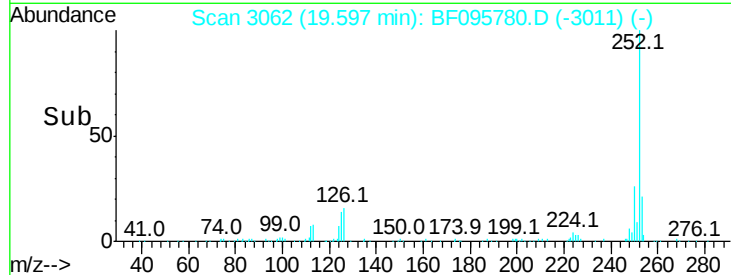
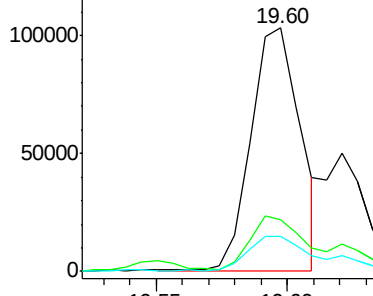
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	14.1	9.8	14.8

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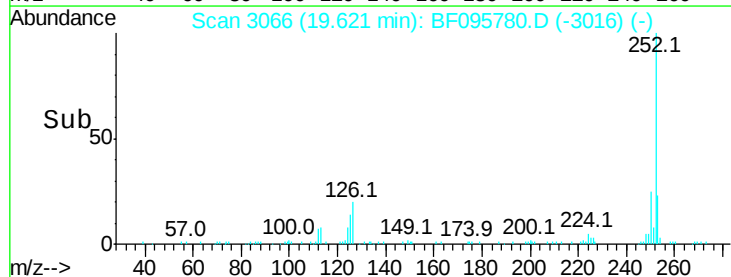
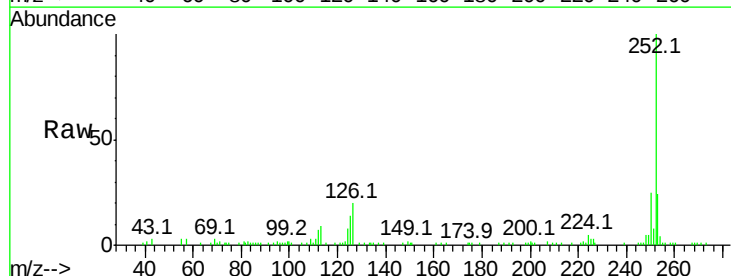
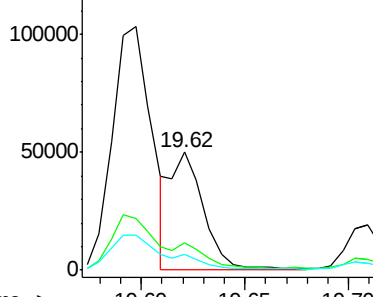
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

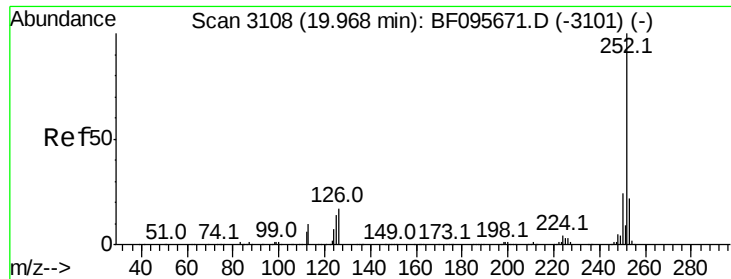


#88
Benzo(k)fluoranthene
Concen: 6.47 ng m
RT: 19.62 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	13.7	13.1	19.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





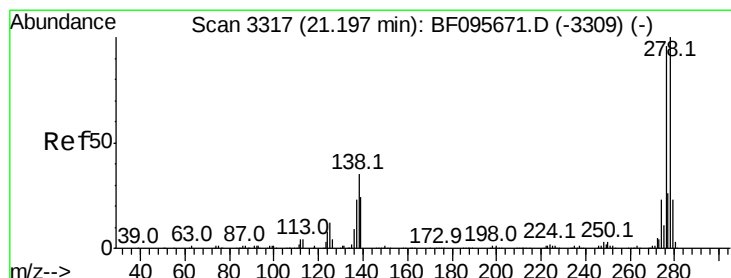
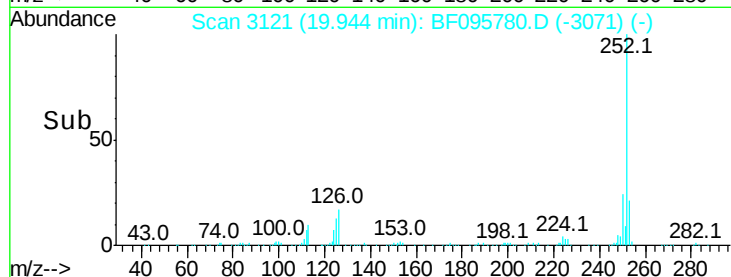
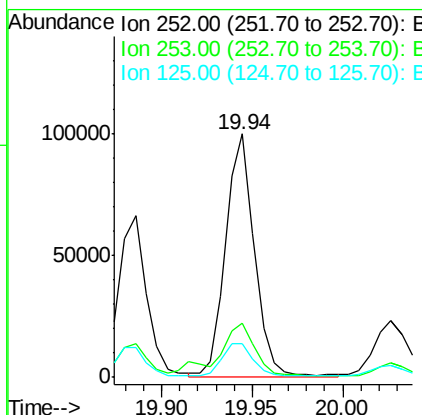
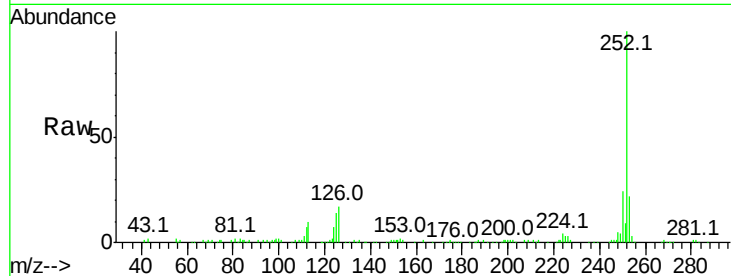
#89
Benzo(a)pyrene
Concen: 13.33 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)20170603

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	13.6	11.0	16.4

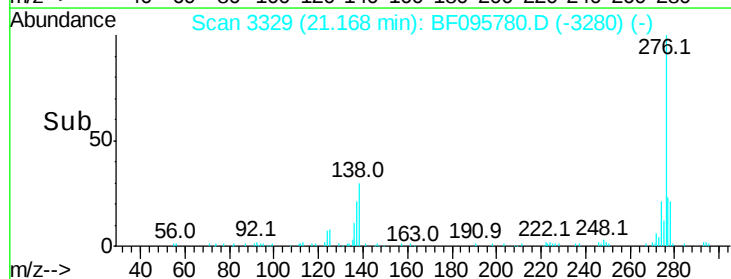
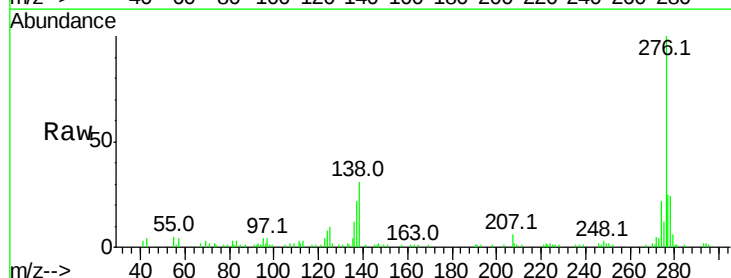
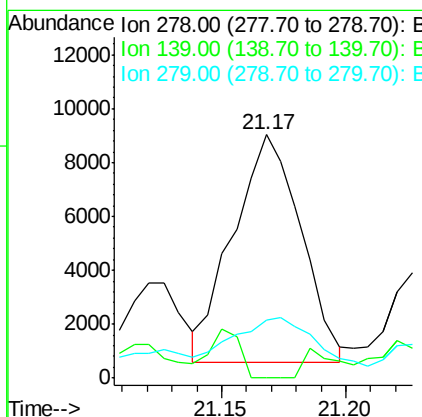
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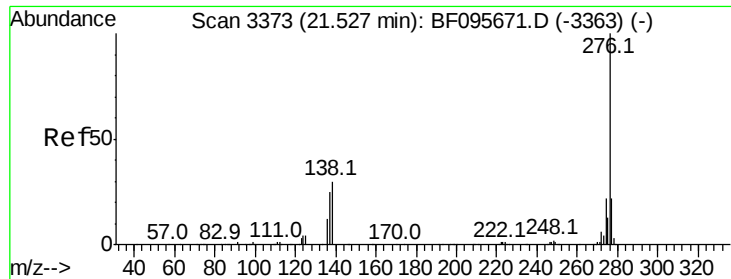
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 2.27 ng m
RT: 21.17 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	23.8	19.3	28.9





#91
Benzo(a,h,i)perylene
Concen: 8.01 ng
RT: 21.50 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BF095780.D
Acq: 8 Jun 2017 13:24

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)20170603

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	30.3	25.4	38.0

Manual Integrations
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