

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095782.D
 Acq On : 8 Jun 2017 14:28
 Operator : SJ/MA
 Sample : I3469-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170603

Manual Integrations
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Quant Time: Jun 08 17:02:44 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	70211	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	283910	20.00	ng	0.00
38) Acenaphthene-d10	12.22	164	121601	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	187697	20.00	ng	0.00
75) Chrysene-d12	18.33	240	142276	20.00	ng	0.00
86) Perylene-d12	20.00	264	119568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	552406	125.37	ng	0.00
7) Phenol-d6	6.93	99	667007	126.45	ng	0.00
23) Nitrobenzene-d5	8.29	82	382550	83.68	ng	0.00
41) 2,4,6-Tribromophenol	13.52	330	117356	109.08	ng	-0.01
44) 2-Fluorobiphenyl	11.18	172	693193	79.33	ng	0.00
78) Terphenyl-d14	16.99	244	436148	76.08	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	113503	12.29	ng	100
51) Acenaphthene	12.27	154	29739	3.85	ng	96
57) Fluorene	13.12	166	29168	3.08	ng	96
70) Phenanthrene	14.65	178	351595	32.47	ng	98
71) Anthracene	14.74	178	123452	10.92	ng	98
74) Fluoranthene	16.43	202	438238	40.88	ng	99
77) Pyrene	16.73	202	378415	35.65	ng	# 93
80) Benzo(a)anthracene	18.32	228	174543	21.10	ng	99
82) Chrysene	18.36	228	162513	19.66	ng	99
85) Indeno(1,2,3-cd)pyrene	21.18	276	51943	7.34	ng	96
87) Benzo(b)fluoranthene	19.60	252	167053m	22.31	ng	
88) Benzo(k)fluoranthene	19.63	252	59015m	8.25	ng	
89) Benzo(a)pyrene	19.94	252	120841	17.56	ng	# 95
90) Dibenzo(a,h)anthracene	21.17	278	12753	2.18	ng	# 72
91) Benzo(a,h,i)perylene	21.51	276	51303	8.62	ng	99

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

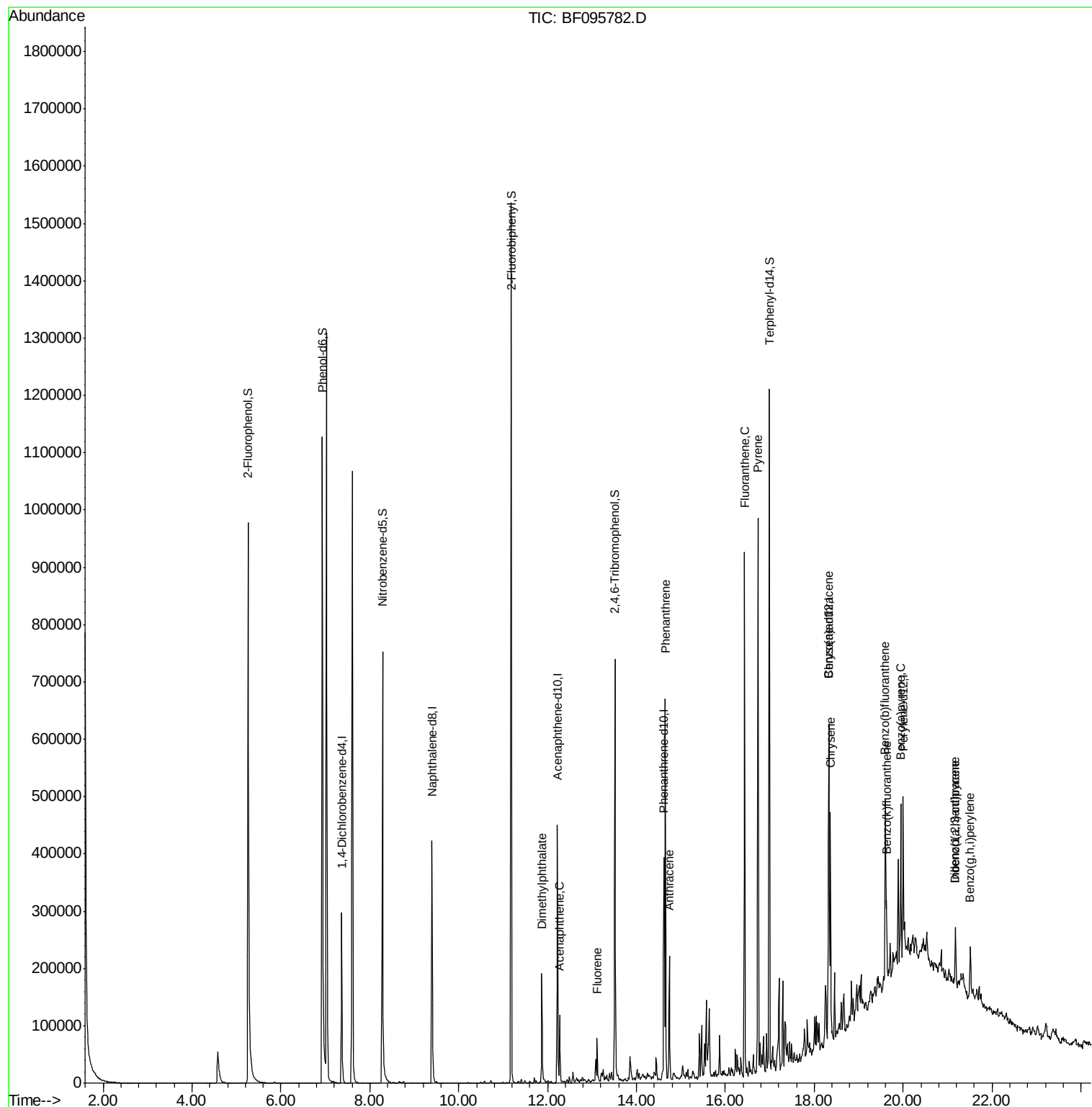
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095782.D
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ALS Vial : 9 Sample Multiplier: 1

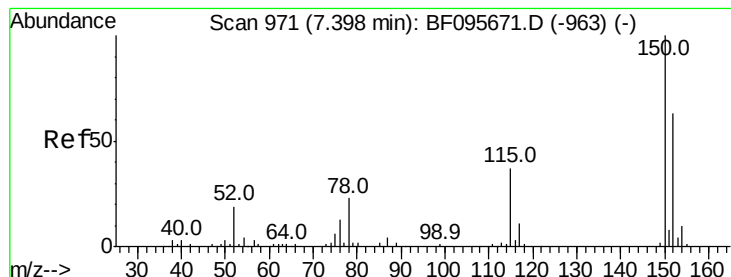
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#1

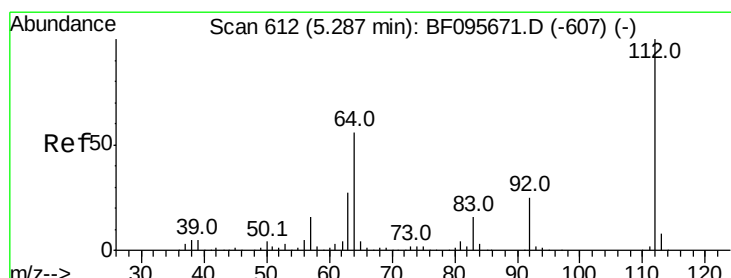
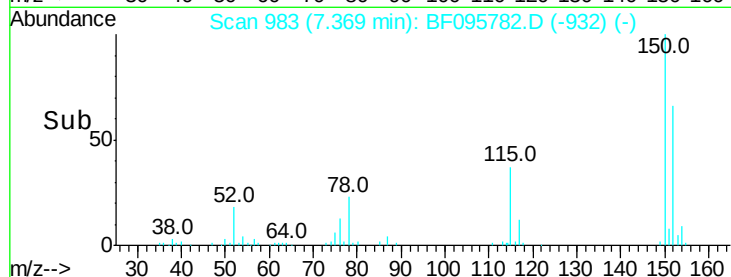
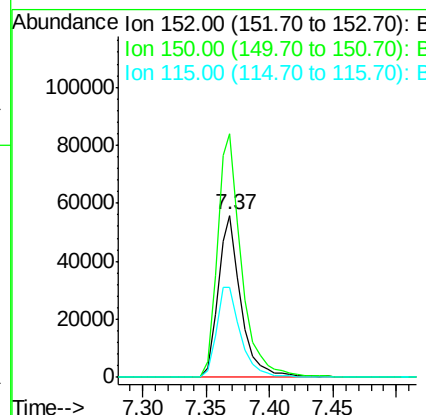
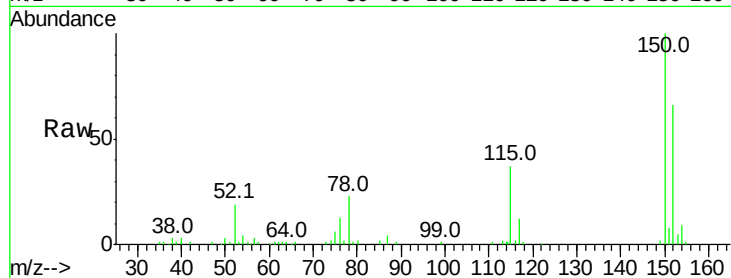
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170603

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.2	189.2
115	55.5	52.2	78.2

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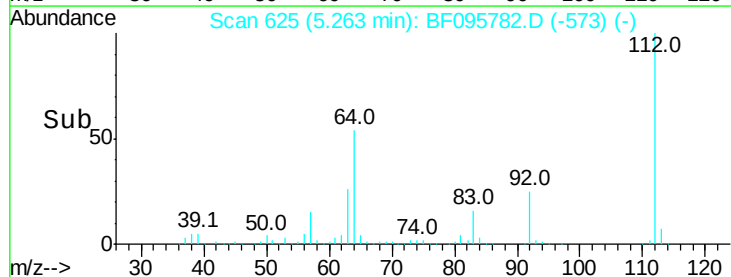
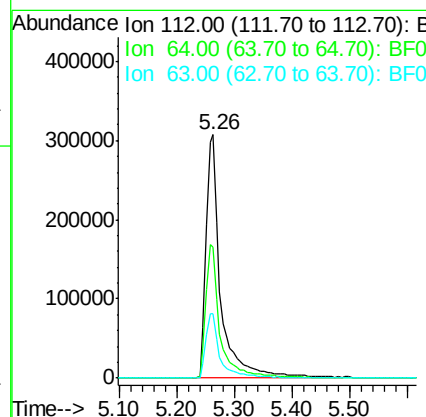
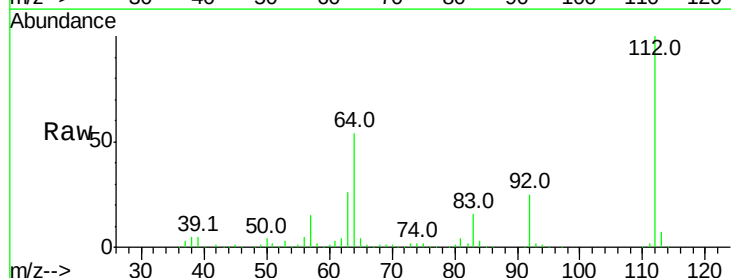
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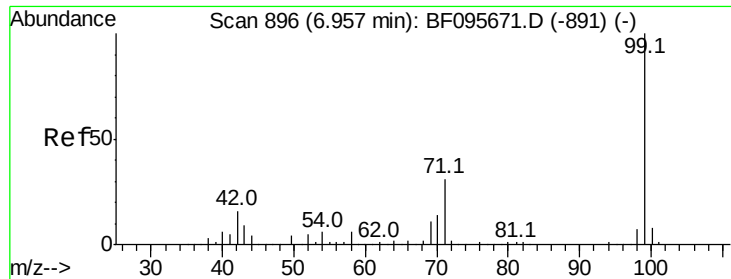


#5

2-Fluorophenol
Concen: 125.37 ng
RT: 5.26 min Scan# 625
Delta R.T. 0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.0	69.0
63	26.5	23.4	35.0





#7

Phenol-d6

Concen: 126.45 ng

RT: 6.93 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF095782.D

Acq: 8 Jun 2017 14:28

Instrument :

BNA_F

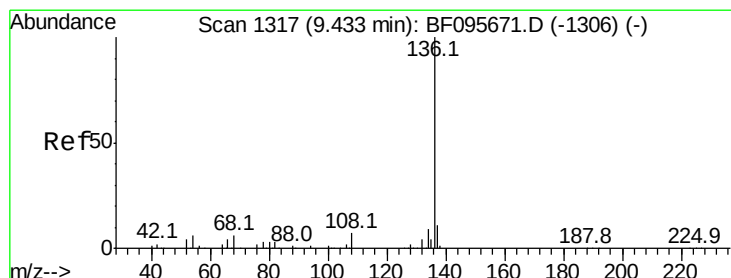
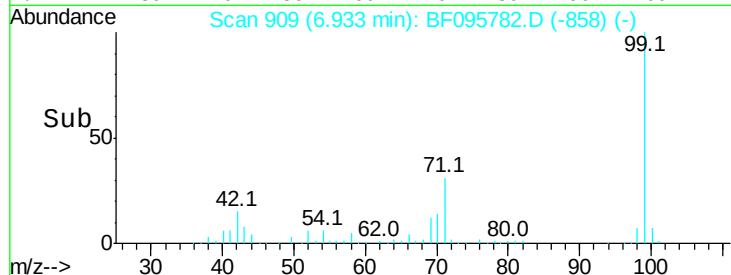
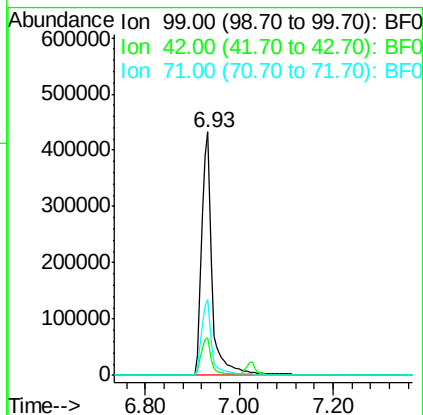
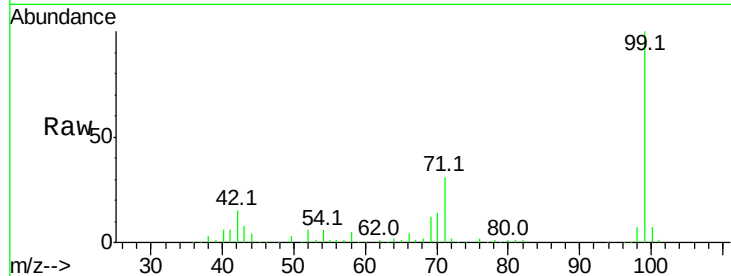
ClientSampleId :

SB-3(0-2)20170603

Tot Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	31.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

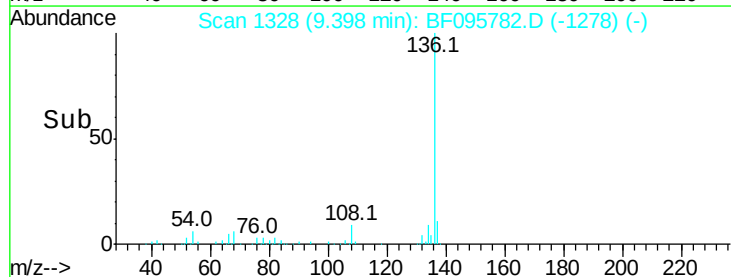
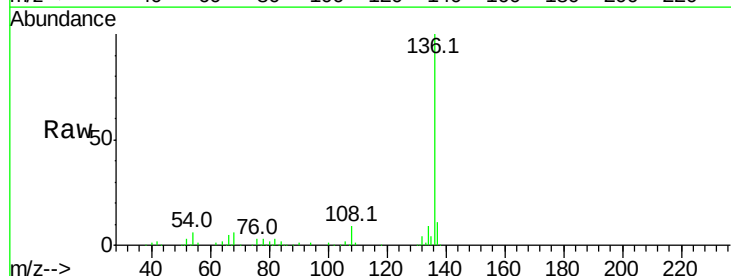
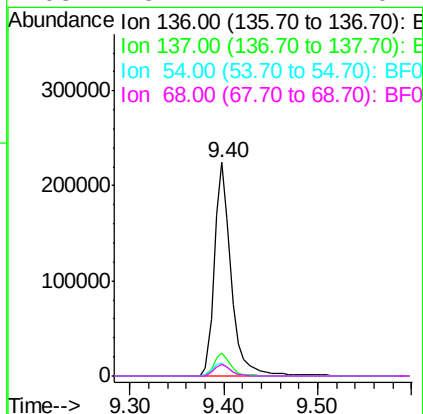
RT: 9.40 min Scan# 1328

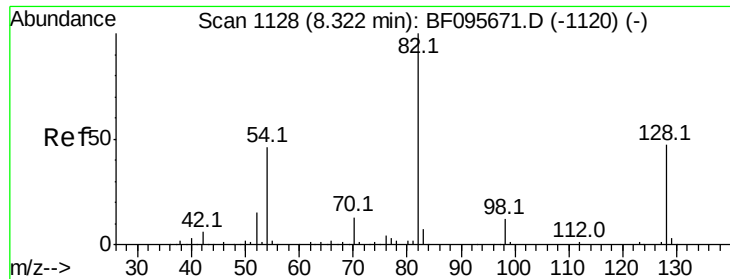
Delta R.T. -0.01 min

Lab File: BF095782.D

Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.2	4.9	7.3
68	5.7	4.1	6.1





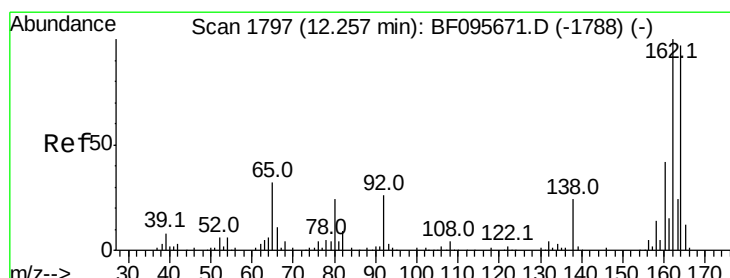
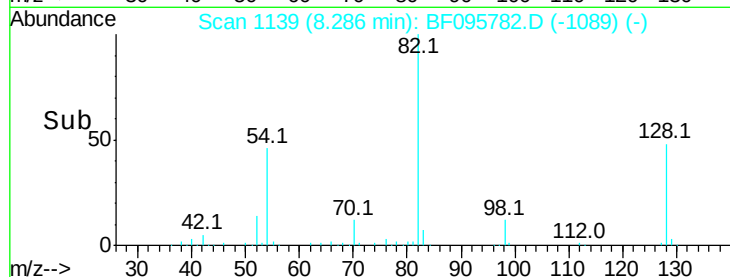
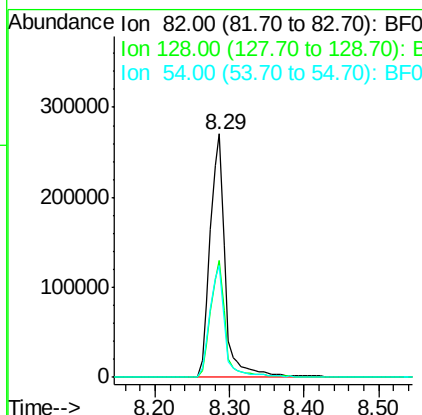
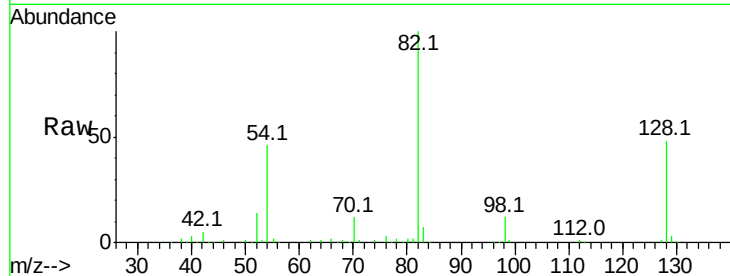
#23
Nitrobenzene-d5
Concen: 83.68 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170603

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.2	34.0	51.0	
54	45.9	42.2	63.2	

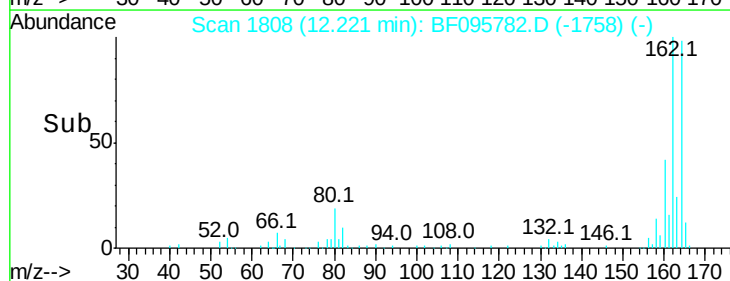
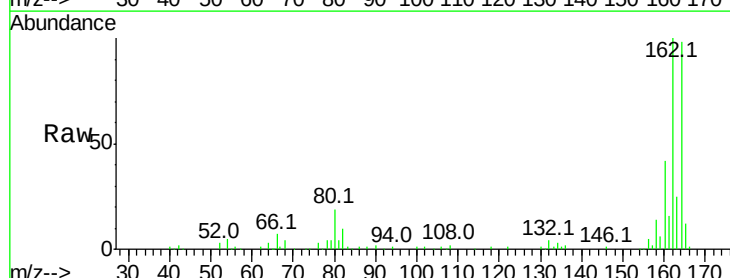
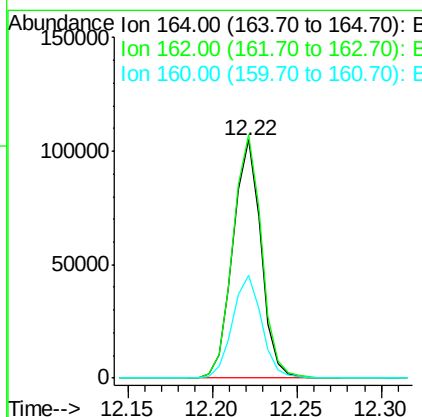
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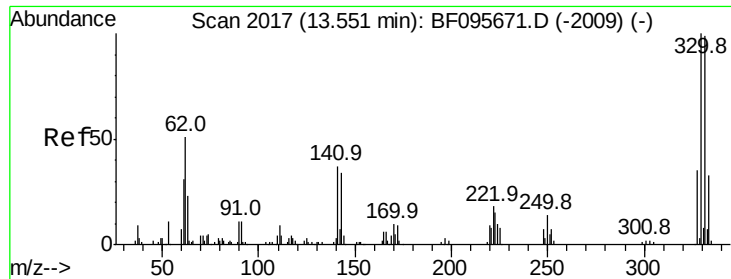
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	82.6	123.8	
160	43.0	36.2	54.2	





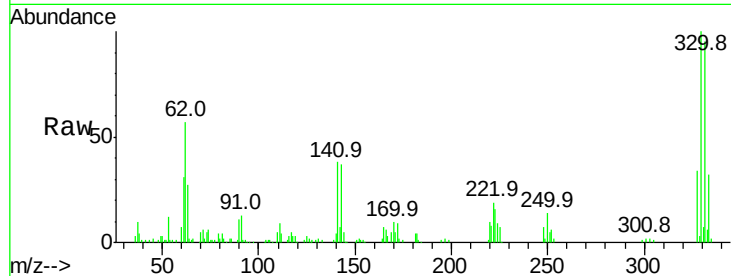
#41
 2,4,6-Tribromophenol
 Concen: 109.08 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF095782.D
 Acq: 8 Jun 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170603

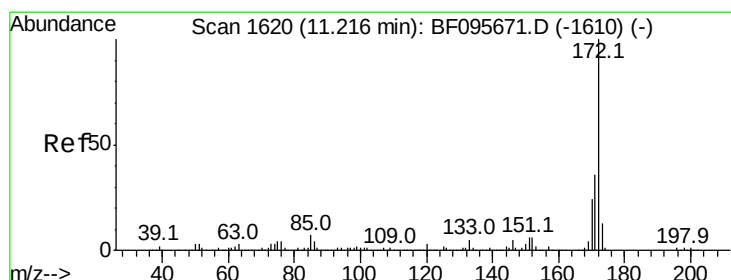
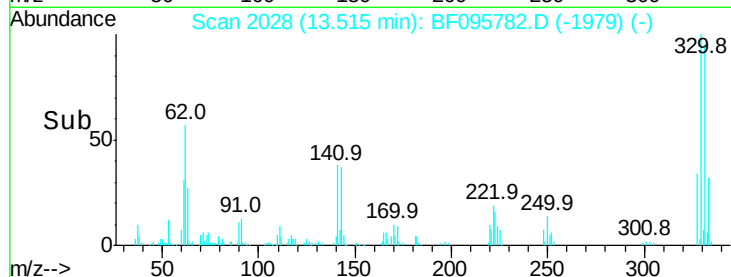
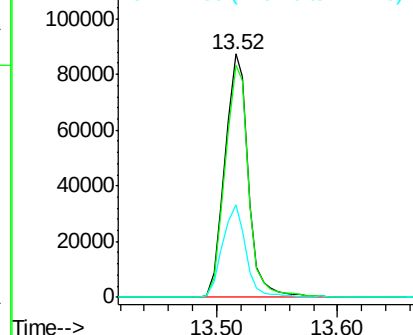
Tot Ion	Ratio	Resp	Lower	Upper
330	100	117356		
332	95.2	76.6	115.0	
141	37.7	31.4	47.2	

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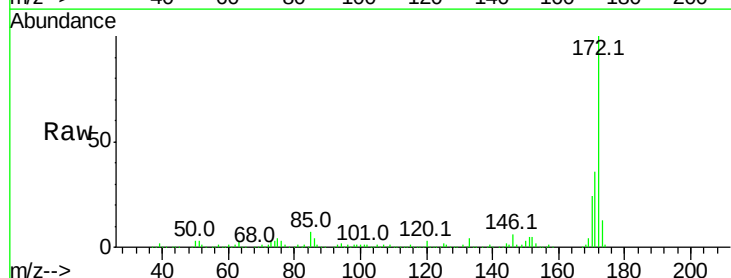


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

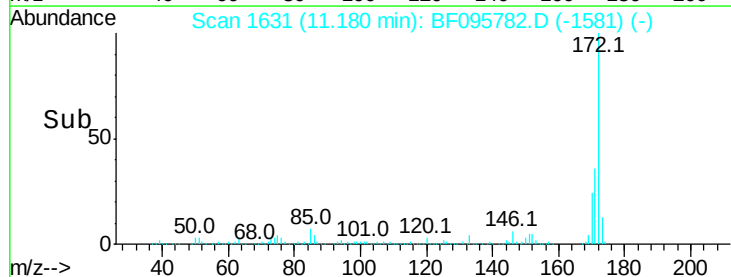
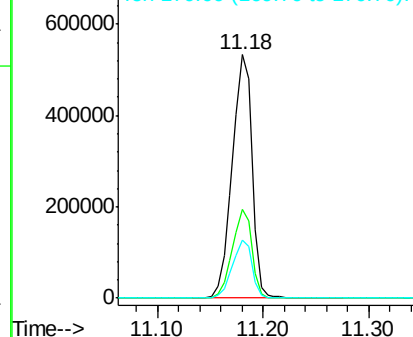


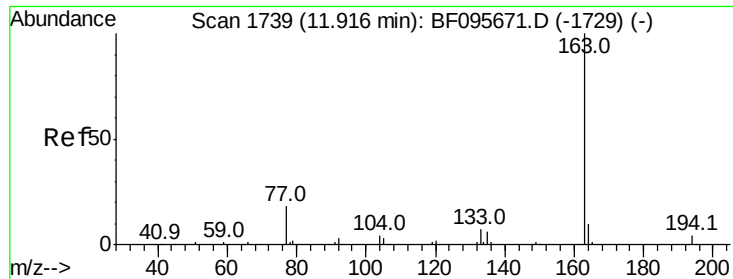
#44
 2-Fluorobiphenyl
 Concen: 79.33 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095782.D
 Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	693193		
171	36.3	29.6	44.4	
170	23.7	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





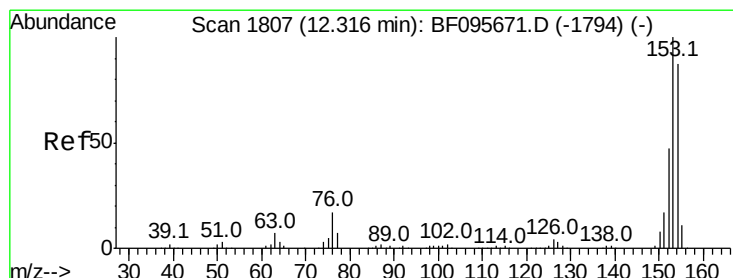
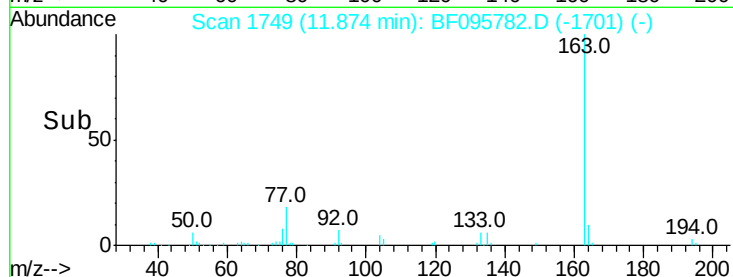
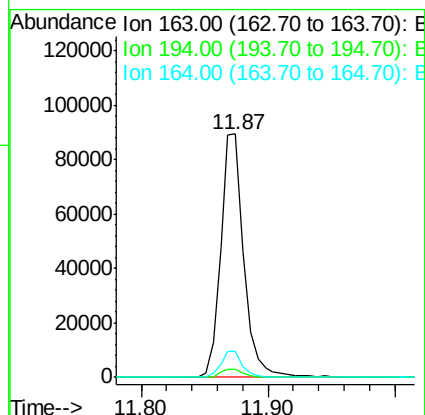
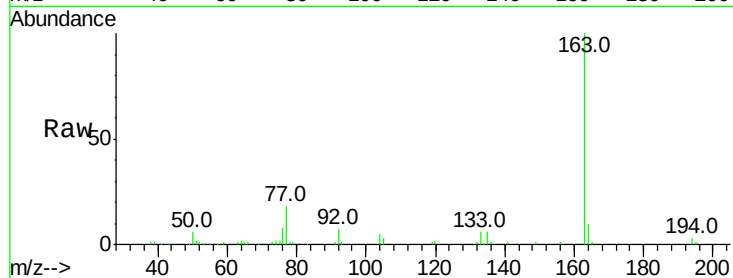
#49
Dimethylphthalate
Concen: 12.29 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170603

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.5	8.4	12.6	

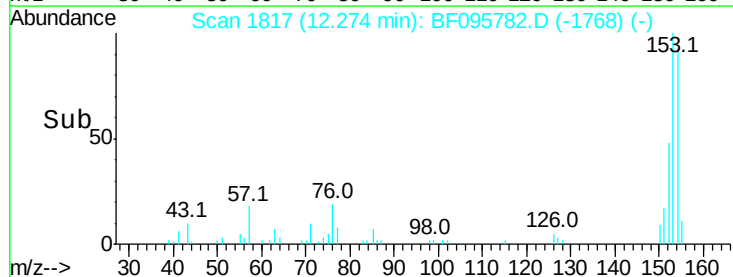
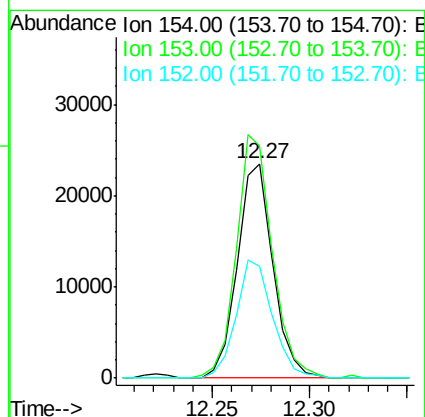
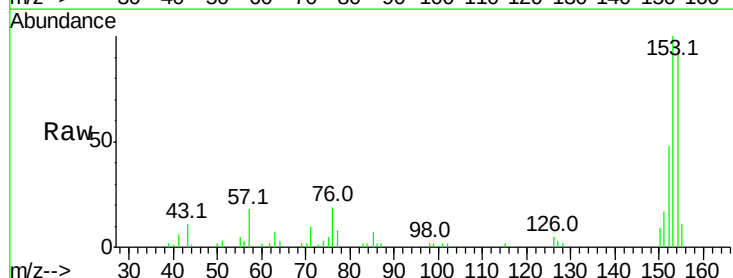
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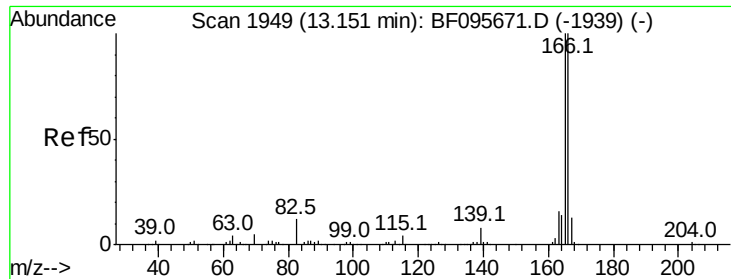
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#51
Acenaphthene
Concen: 3.85 ng
RT: 12.27 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	108.0	90.5	135.7	
152	52.3	43.6	65.4	





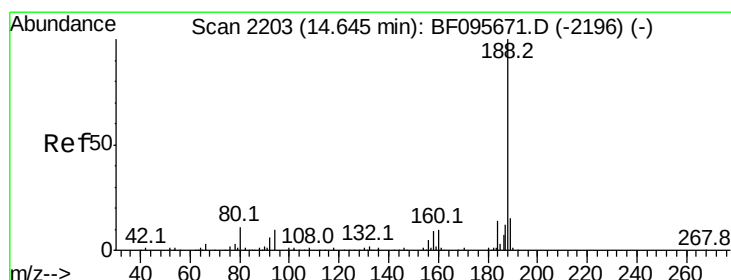
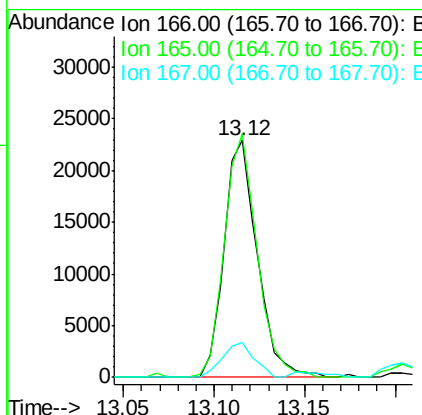
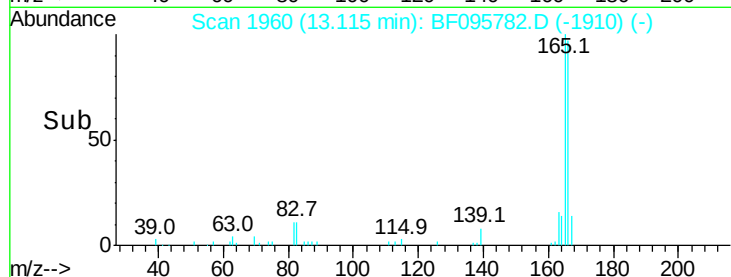
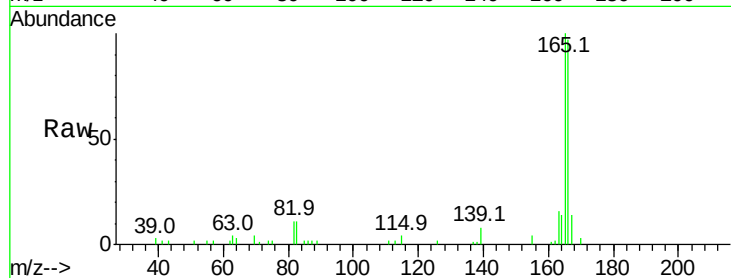
#57
Fluorene
Concen: 3.08 ng
RT: 13.12 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170603

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.8	118.2
167	14.8	10.6	16.0

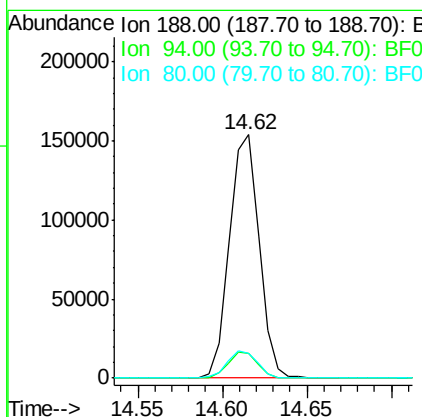
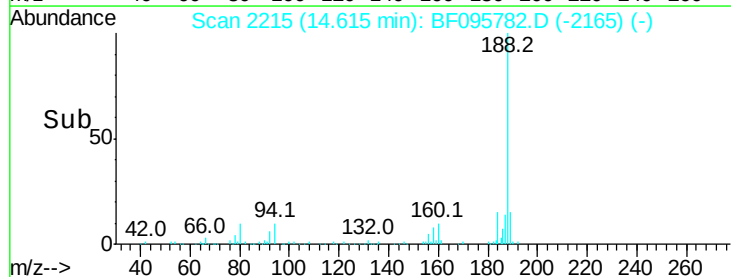
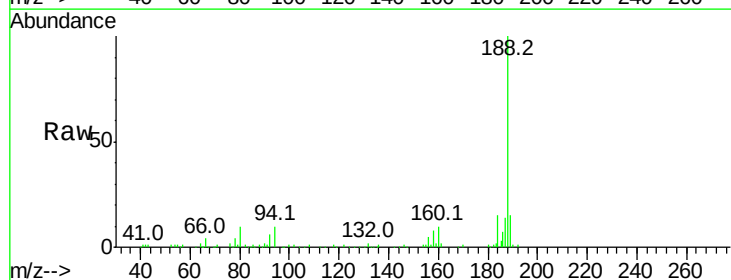
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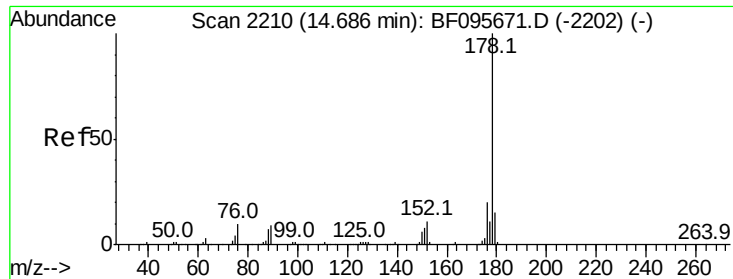
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.2	10.2	15.2





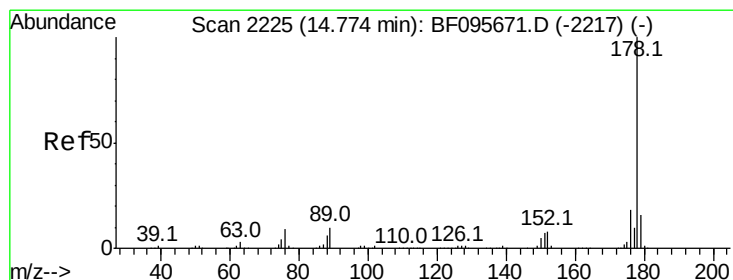
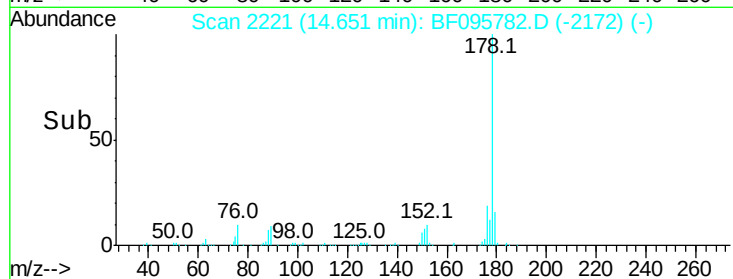
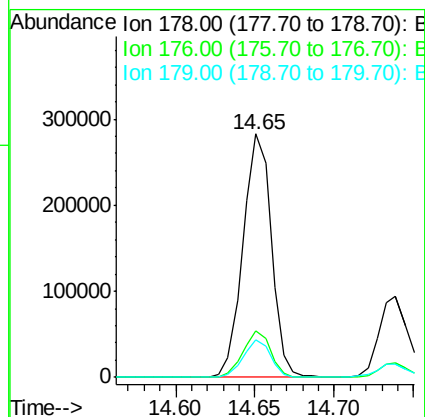
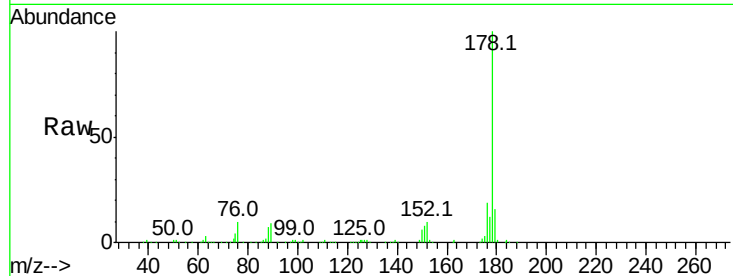
#70
Phenanthrene
Concen: 32.47 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170603

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.5	12.6	19.0

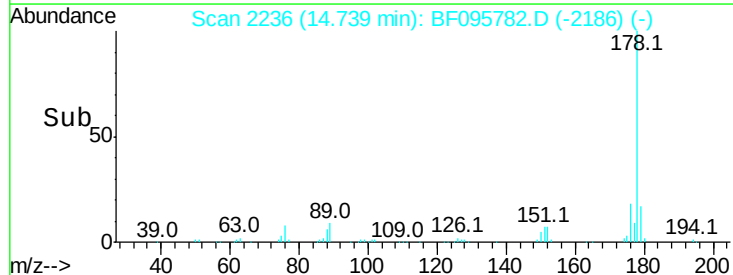
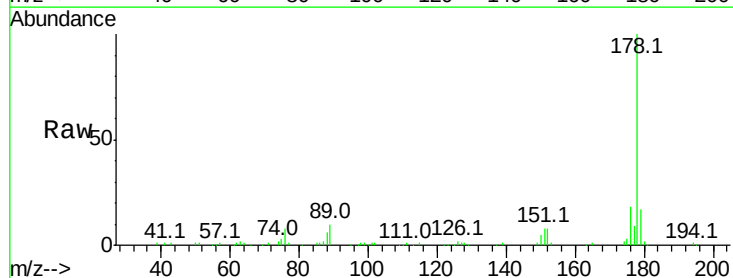
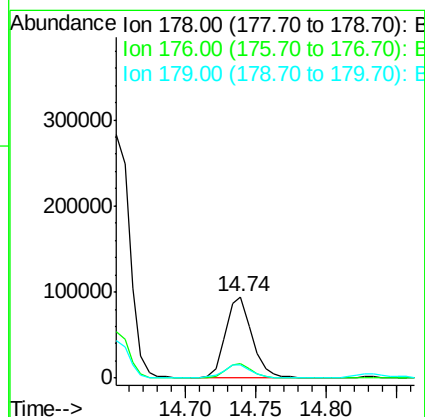
Manual Integrations
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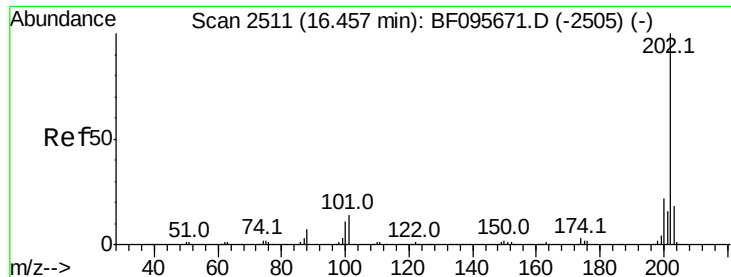
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#71
Anthracene
Concen: 10.92 ng
RT: 14.74 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	16.6	12.7	19.1





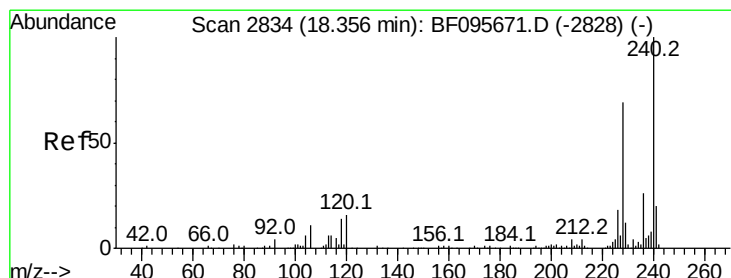
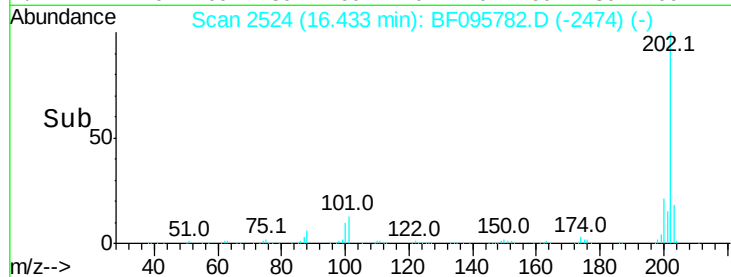
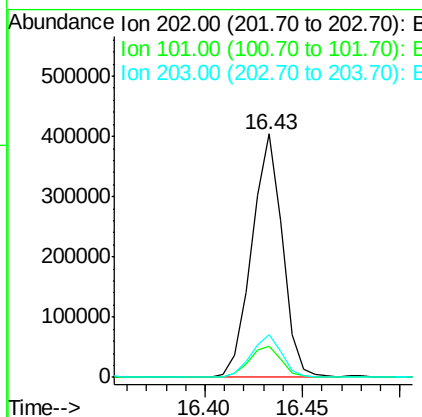
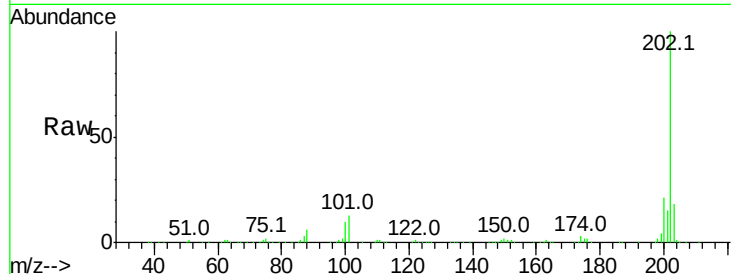
#74
 Fluoranthene
 Concen: 40.88 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BF095782.D
 Acq: 8 Jun 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170603

Tot Ion	Ratio	Resp	Lower	Upper
202	100	438238		
101	12.8	0.0	33.2	
203	17.7	0.0	38.1	

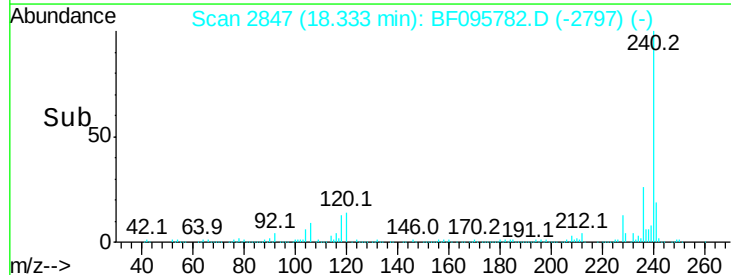
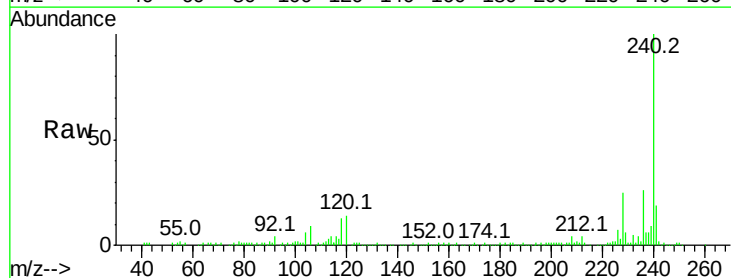
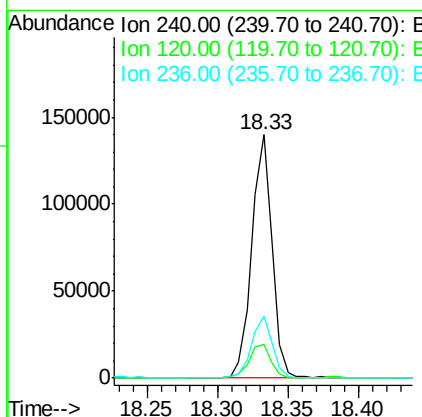
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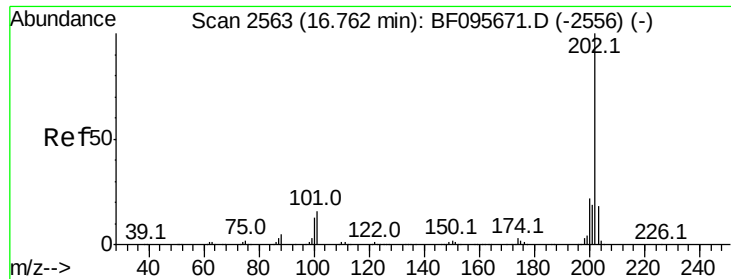
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095782.D
 Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	142276		
120	14.1	5.8	8.8#	
236	25.7	20.5	30.7	





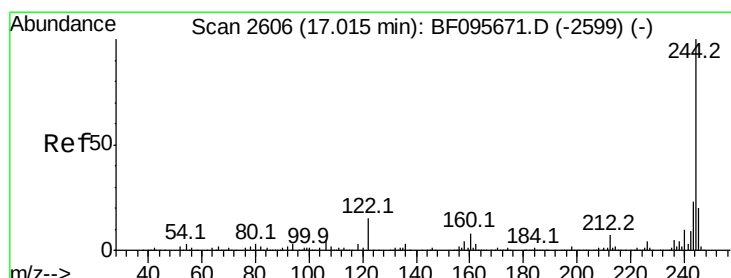
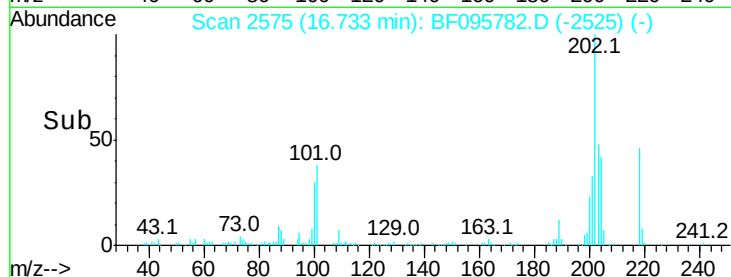
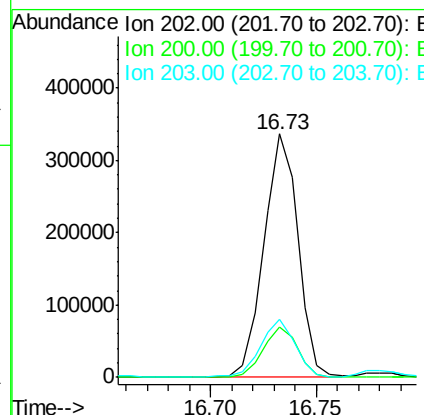
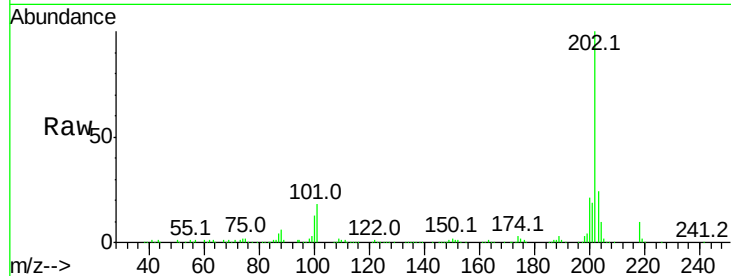
#77
Pvrene
Concen: 35.65 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170603

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.6	26.4
203	24.0	14.4	21.6

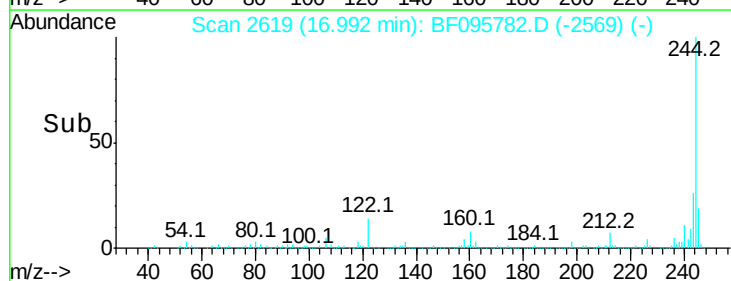
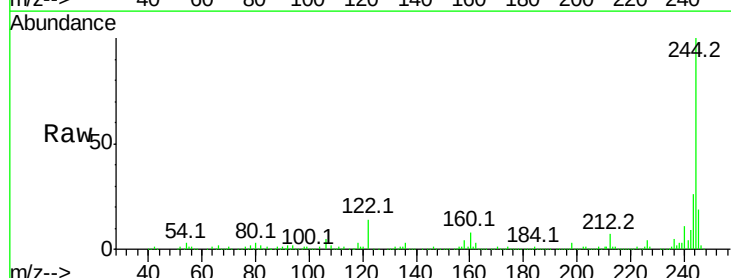
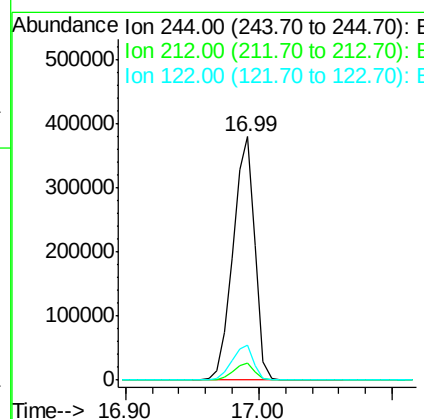
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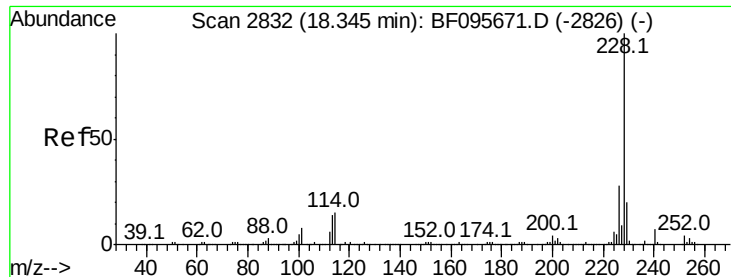
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#78
Terphenyl-d14
Concen: 76.08 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.2	10.3	15.5





#80

Benzo(a)anthracene

Concen: 21.10 ng

RT: 18.32 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095782.D

Acq: 8 Jun 2017 14:28

Instrument :

BNA_F

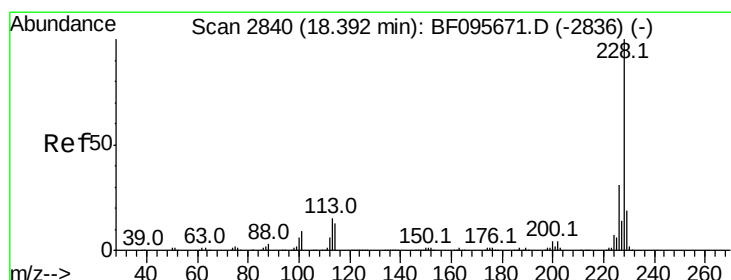
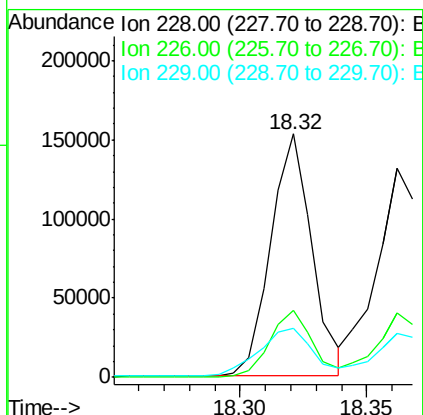
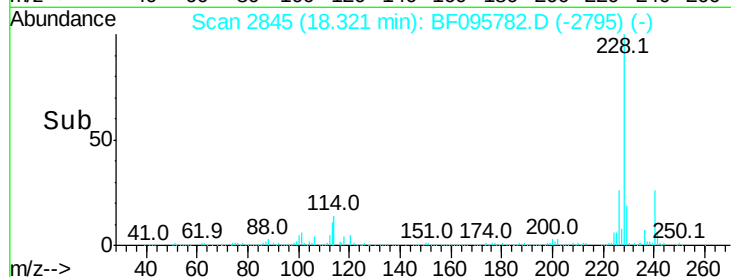
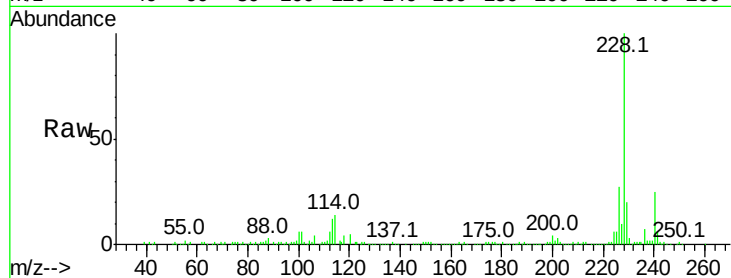
ClientSampleId :

SB-3(0-2)20170603

Tot Ion:228	Resp:	174543
Ion Ratio	Lower	Upper
228	100	
226	27.4	22.6 33.8
229	20.2	16.3 24.5

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#82

Chrysene

Concen: 19.66 ng

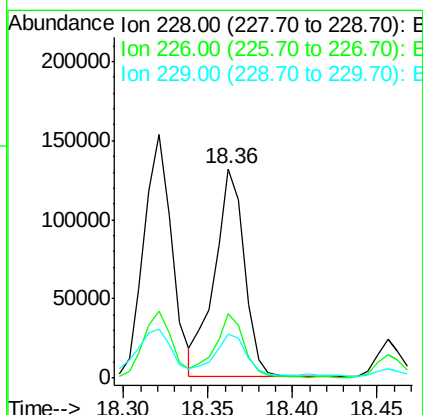
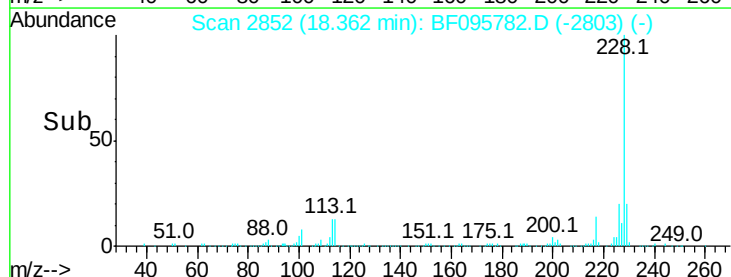
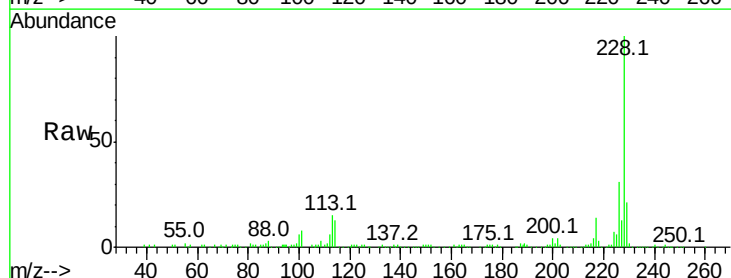
RT: 18.36 min Scan# 2852

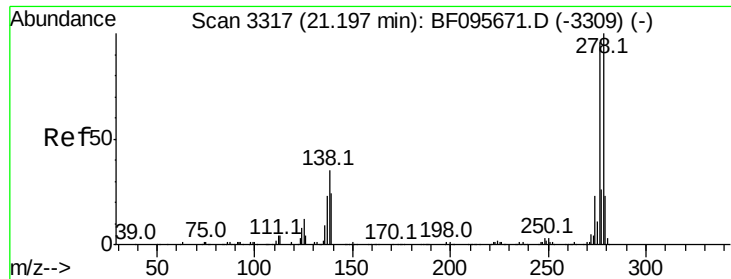
Delta R.T. -0.01 min

Lab File: BF095782.D

Acq: 8 Jun 2017 14:28

Tgt Ion:228	Resp:	162513
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.9 37.3
229	20.7	15.8 23.6





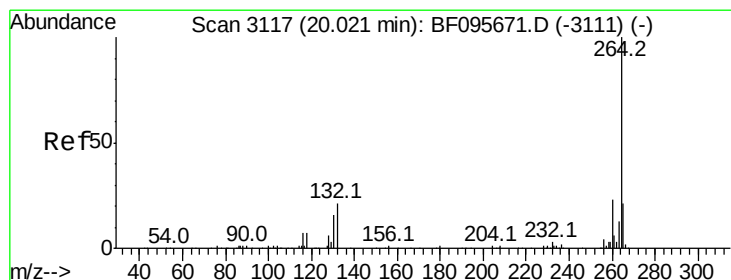
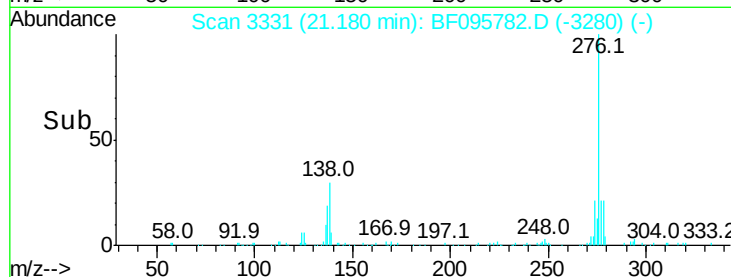
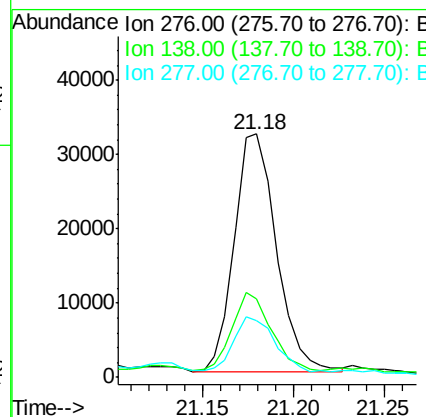
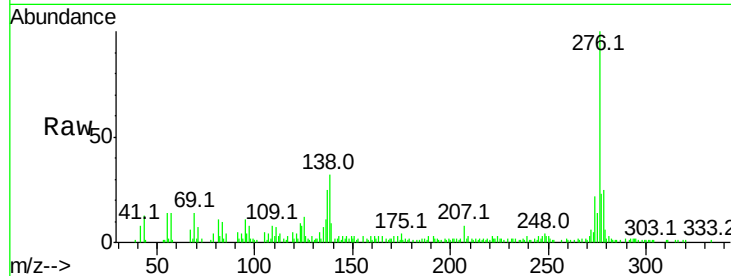
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.34 ng
 RT: 21.18 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: BF095782.D
 Acq: 8 Jun 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170603

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	27.8	41.6
277	24.5	20.2	30.4

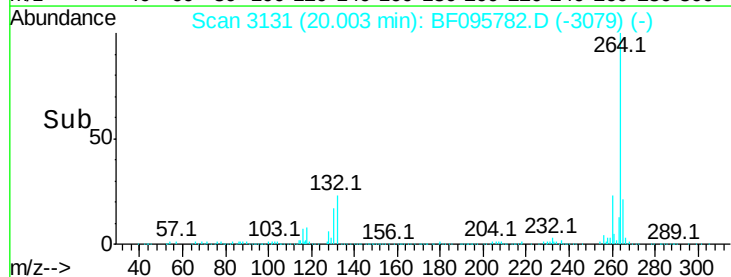
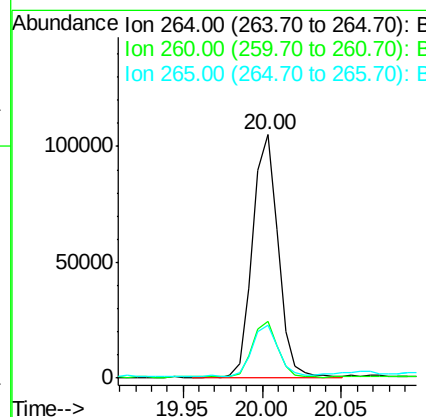
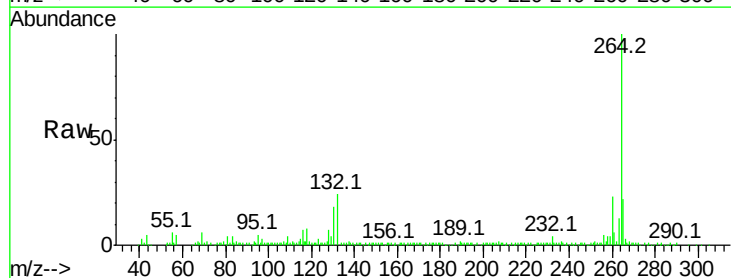
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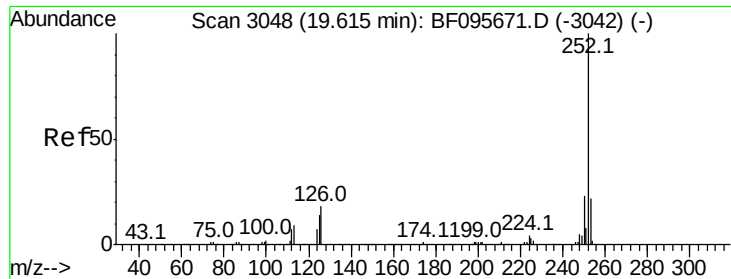
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. 0.01 min
 Lab File: BF095782.D
 Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 22.31 ng m

RT: 19.60 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BF095782.D

Acq: 8 Jun 2017 14:28

Instrument :

BNA_F

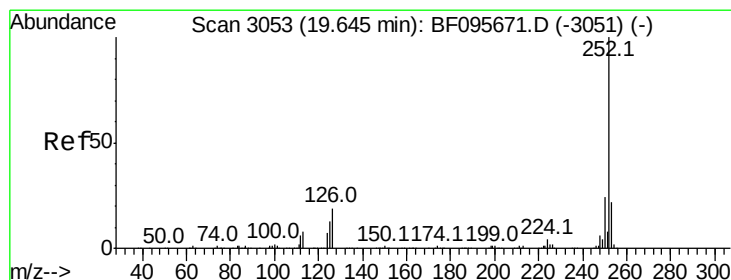
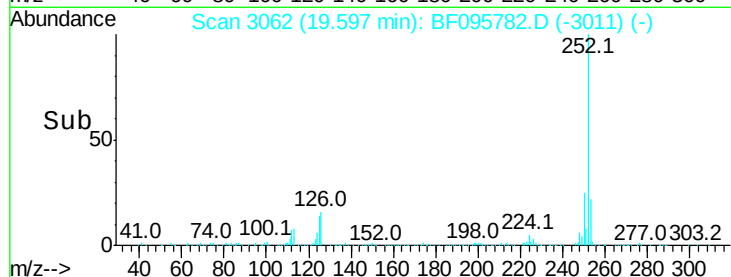
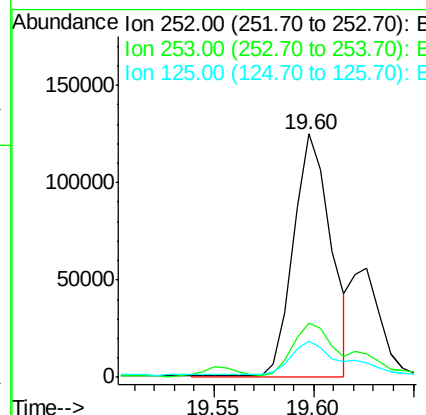
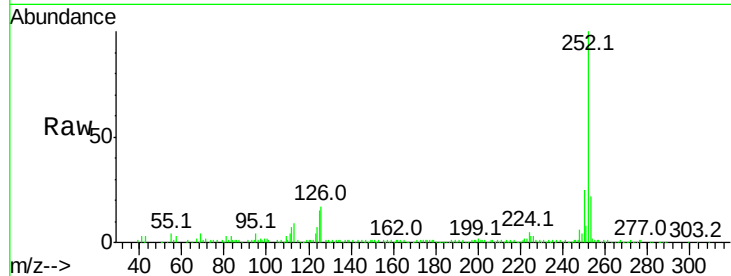
ClientSampleId :

SB-3(0-2)20170603

Tot Ion:	252	Resp:	167053
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	14.8	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 8.25 ng m

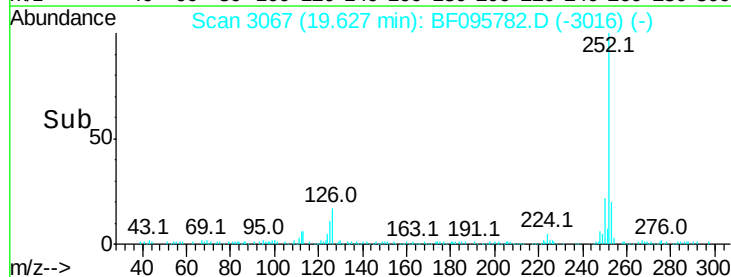
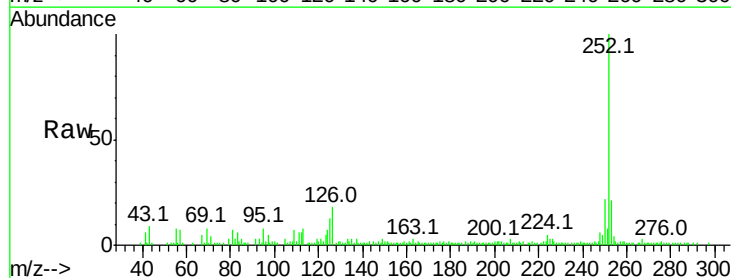
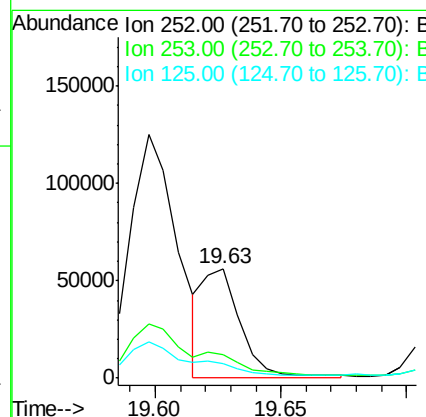
RT: 19.63 min Scan# 3067

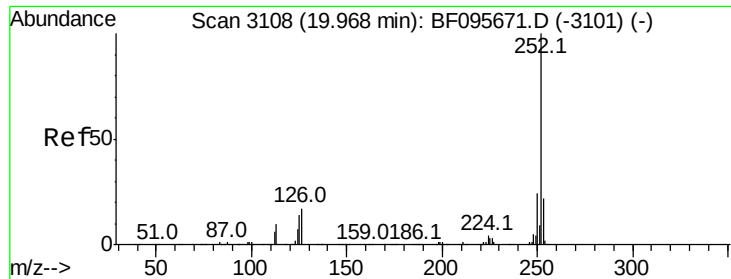
Delta R.T. 0.00 min

Lab File: BF095782.D

Acq: 8 Jun 2017 14:28

Tgt Ion:	252	Resp:	59015
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.4	27.6
125	13.3	13.1	19.7





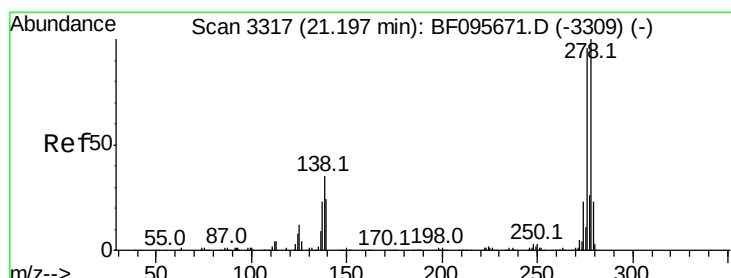
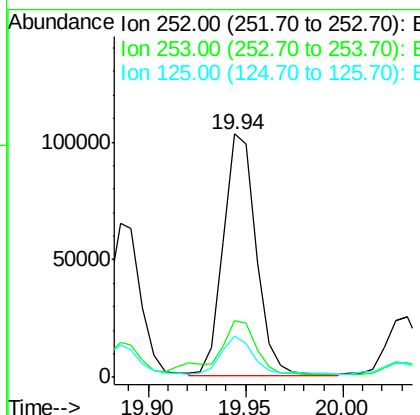
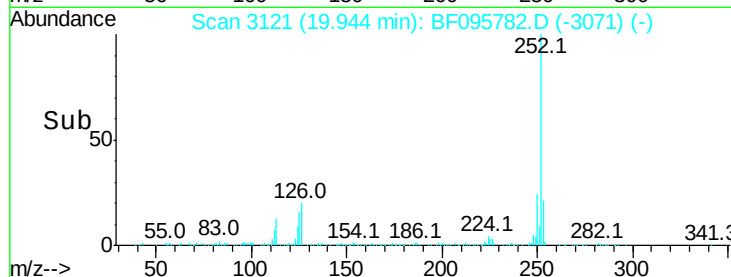
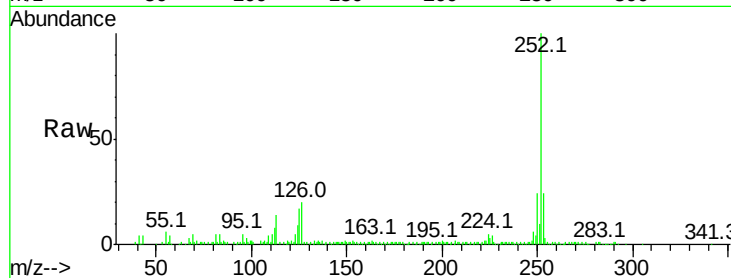
#89
Benzo(a)pyrene
Concen: 17.56 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170603

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	16.8	11.0	16.4

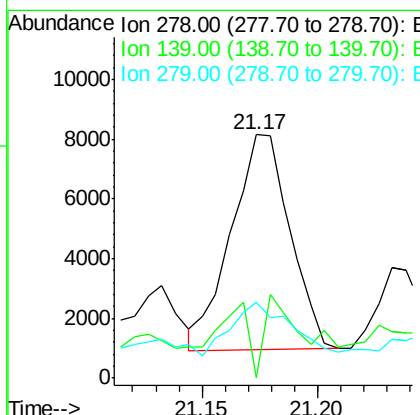
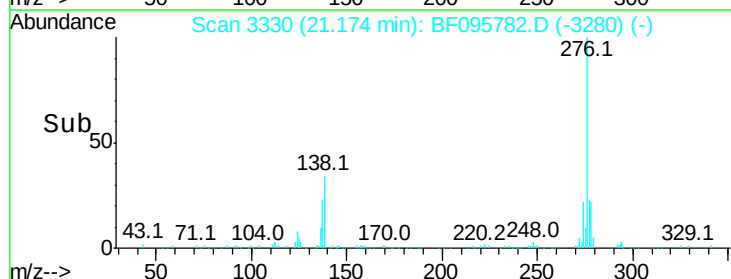
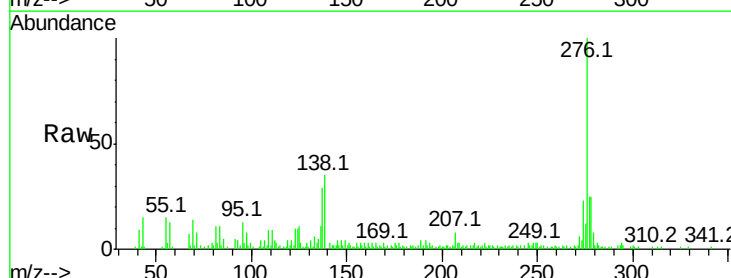
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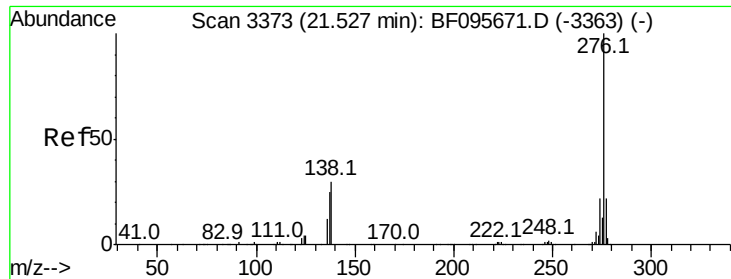
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#90
Dibenzo(a,h)anthracene
Concen: 2.18 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BF095782.D
Acq: 8 Jun 2017 14:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8
279	31.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 8.62 ng
 RT: 21.51 min Scan# 3387
 Delta R.T. 0.01 min
 Lab File: BF095782.D
 Acq: 8 Jun 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170603

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	31.0	25.4	38.0

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