

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095779.D
 Acq On : 8 Jun 2017 12:52
 Operator : SJ/MA
 Sample : I3469-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 6/9/2017 12:08:30 PM

Quant Time: Jun 08 13:37:44 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	70475	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	300927	20.00	ng	0.00
38) Acenaphthene-d10	12.22	164	135033	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	240962	20.00	ng	0.00
75) Chrysene-d12	18.33	240	178913	20.00	ng	-0.01
86) Perylene-d12	20.00	264	147012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	677342	153.15	ng	0.01
7) Phenol-d6	6.93	99	843868	159.38	ng	0.00
23) Nitrobenzene-d5	8.29	82	486995	100.50	ng	0.00
41) 2,4,6-Tribromophenol	13.52	330	175740	147.10	ng	0.00
44) 2-Fluorobiphenyl	11.19	172	926118	95.44	ng	0.00
78) Terphenyl-d14	17.00	244	718180	99.62	ng	0.00
Target Compounds						
10) Phenol	6.95	94	13526	2.46	ng	Qvalue # 74
49) Dimethylphthalate	11.87	163	142040	13.85	ng	99
70) Phenanthrene	14.65	178	37851	2.72	ng	98
74) Fluoranthene	16.43	202	110072	8.00	ng	99
77) Pyrene	16.73	202	98486	7.38	ng	96
80) Benzo(a)anthracene	18.32	228	51098	4.91	ng	99
82) Chrysene	18.36	228	43666	4.20	ng	97
85) Indeno(1,2,3-cd)pyrene	21.17	276	36094	4.06	ng	95
87) Benzo(b)fluoranthene	19.60	252	61124m	6.64	ng	
88) Benzo(k)fluoranthene	19.62	252	20550m	2.34	ng	
89) Benzo(a)pyrene	19.94	252	47687	5.64	ng	99
91) Benzo(a,h,i)perylene	21.50	276	34885	4.77	ng	97

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

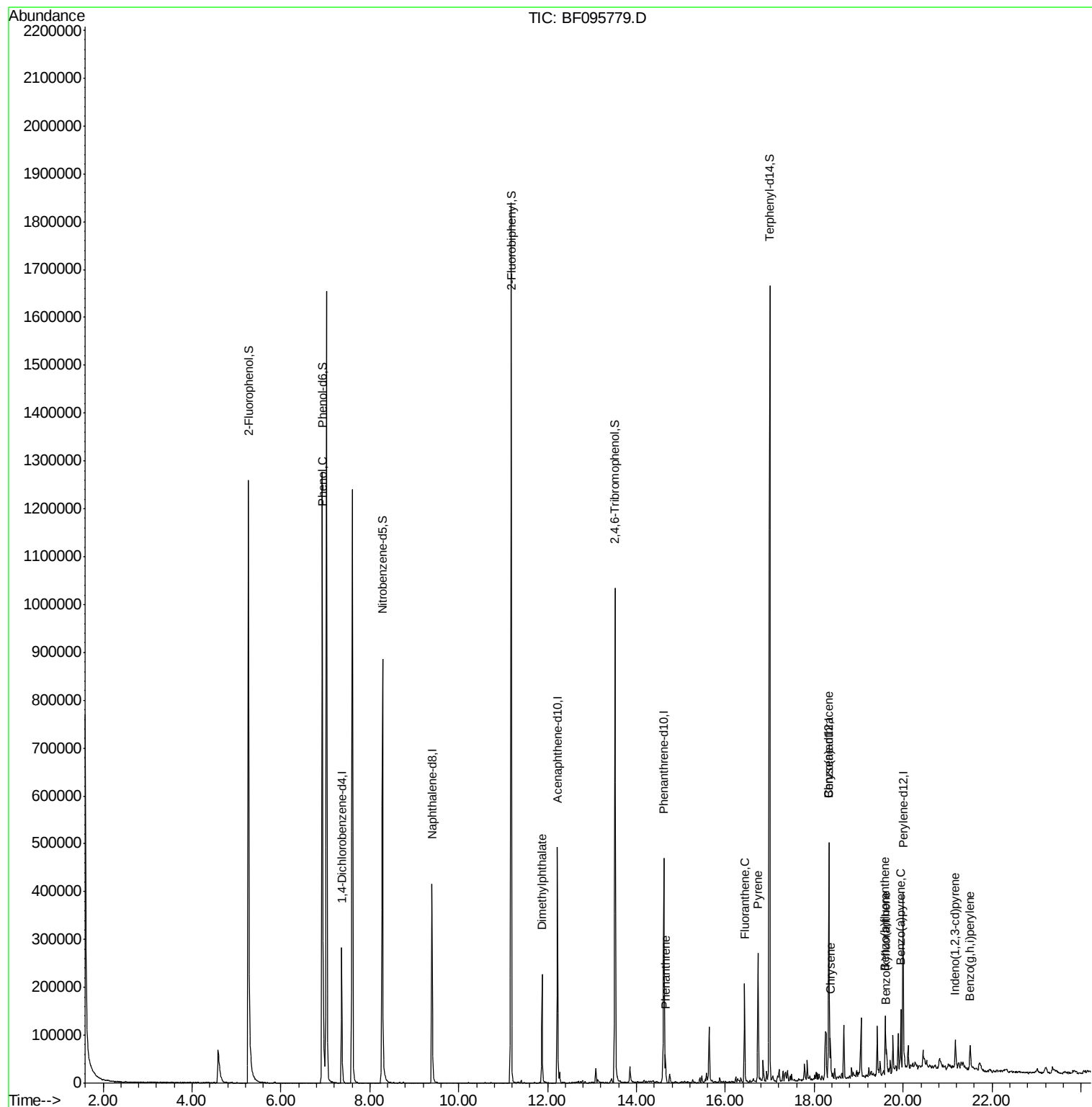
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095779.D
Acq On : 8 Jun 2017 12:52
Operator : SJ/MA
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BNA_F
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SB-2(0-2)20170603

Manual Integrations
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#1

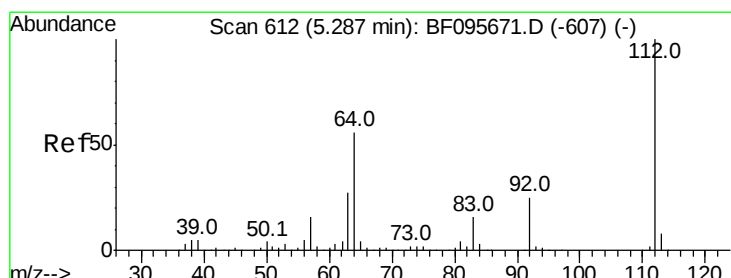
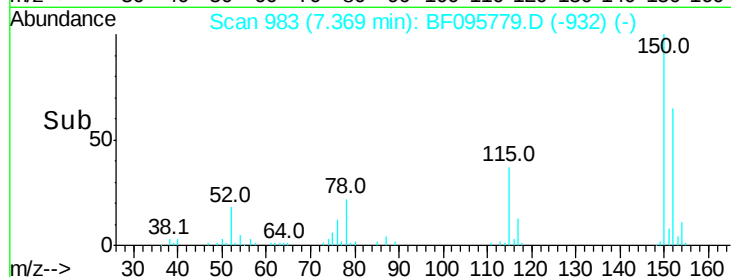
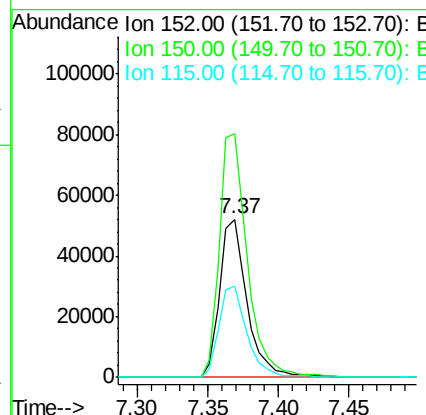
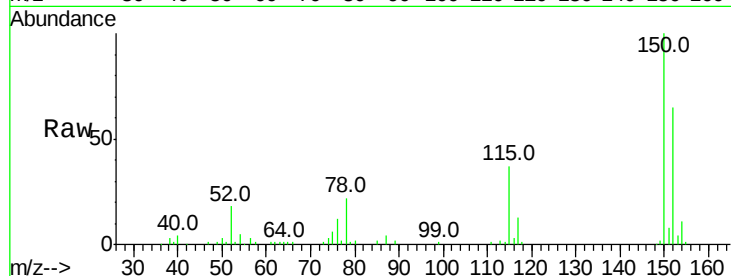
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	57.6	52.2	78.2

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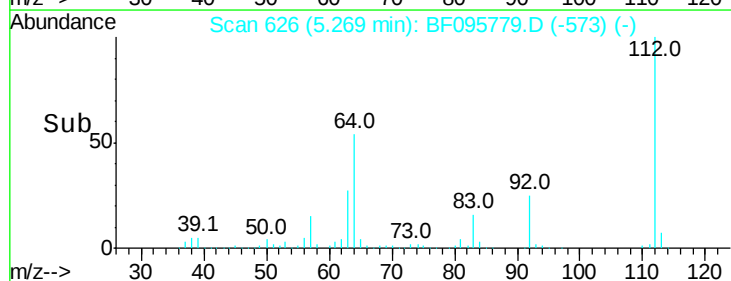
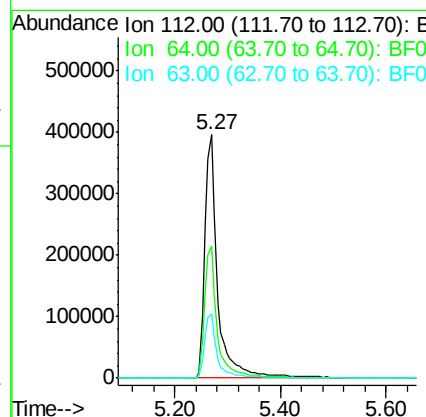
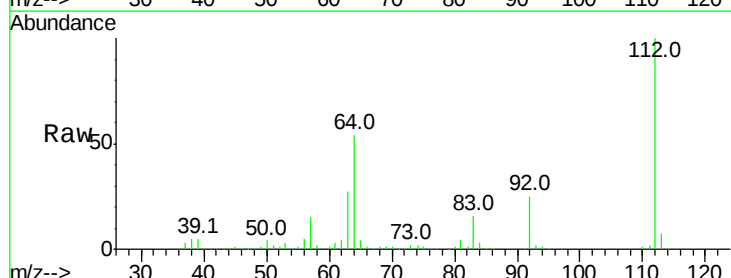
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#5

2-Fluorophenol
Concen: 153.15 ng
RT: 5.27 min Scan# 626
Delta R.T. 0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	26.6	23.4	35.0





#7

Phenol-d6

Concen: 159.38 ng

RT: 6.93 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF095779.D

Acq: 8 Jun 2017 12:52

Instrument :

BNA_F

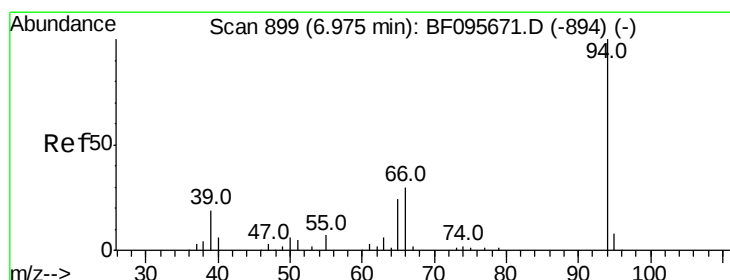
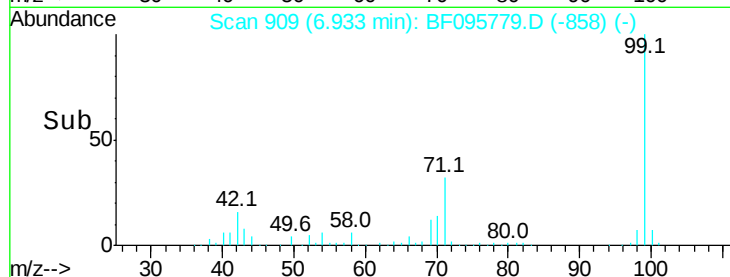
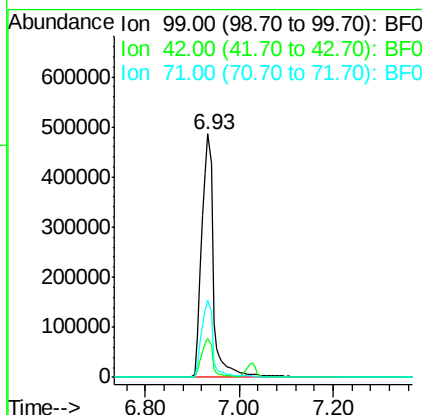
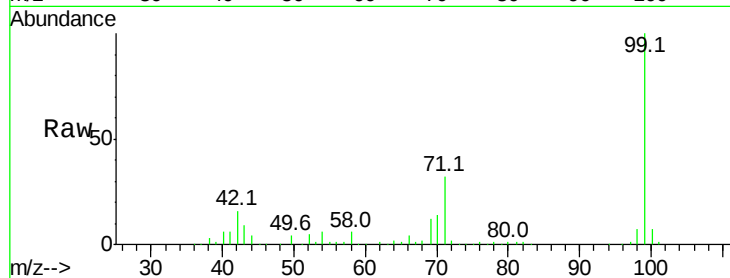
ClientSampleId :

SB-2(0-2)20170603

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		843868		
42	16.0	13.5	20.3		
71	31.6	24.5	36.7		

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#10

Phenol

Concen: 2.46 ng

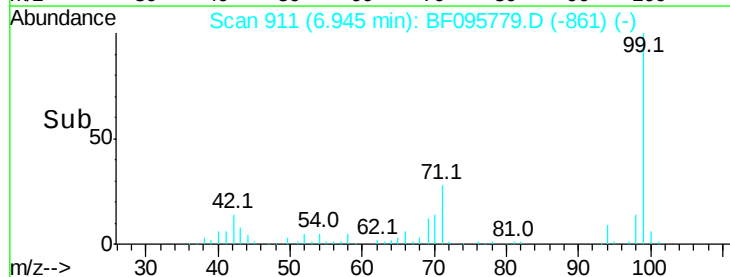
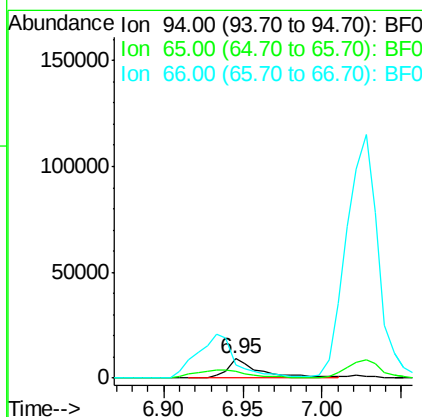
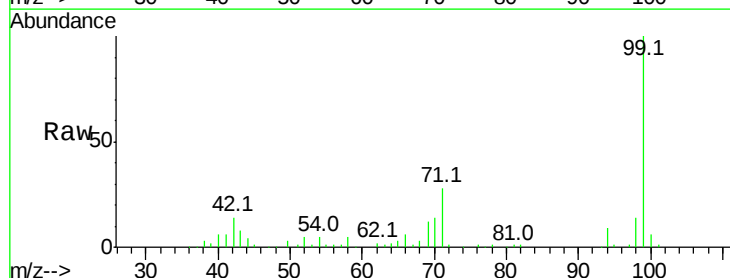
RT: 6.95 min Scan# 911

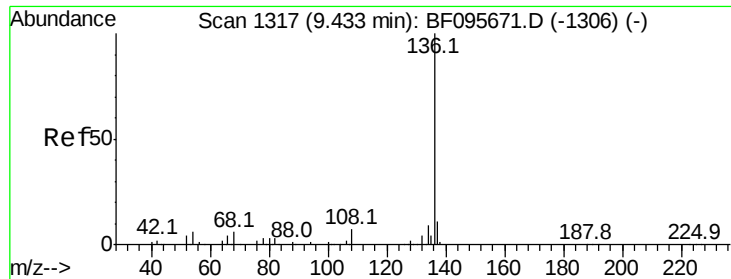
Delta R.T. -0.01 min

Lab File: BF095779.D

Acq: 8 Jun 2017 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		13526		
65	32.1	9.9	49.9		
66	69.3	23.1	63.1#		





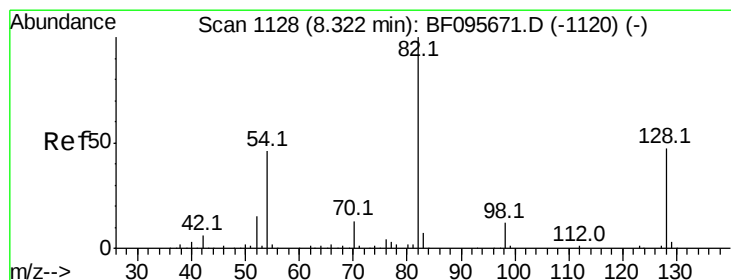
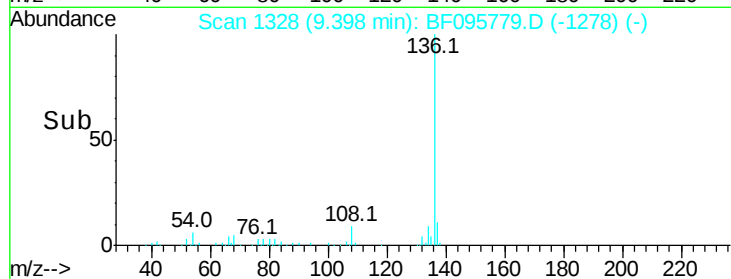
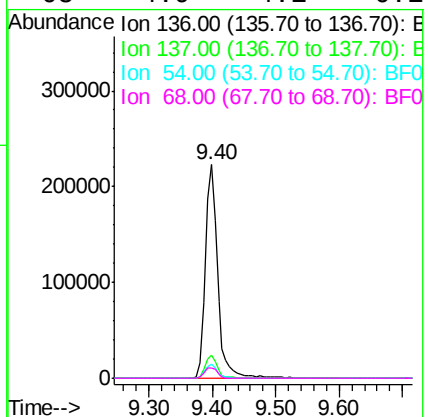
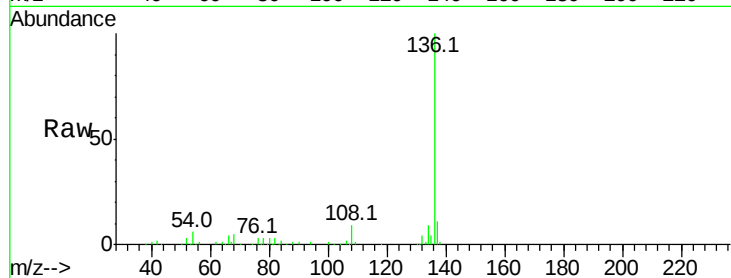
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	6.5	4.9	7.3	
68	4.9	4.1	6.1	

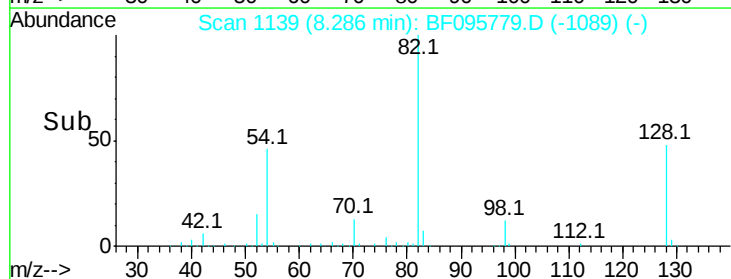
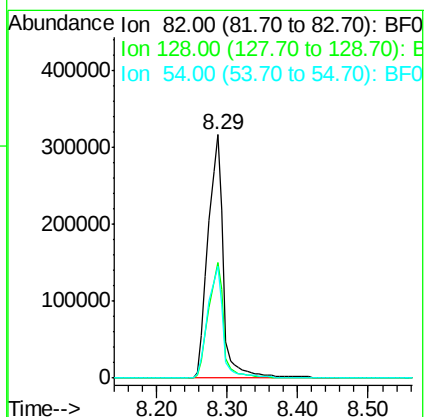
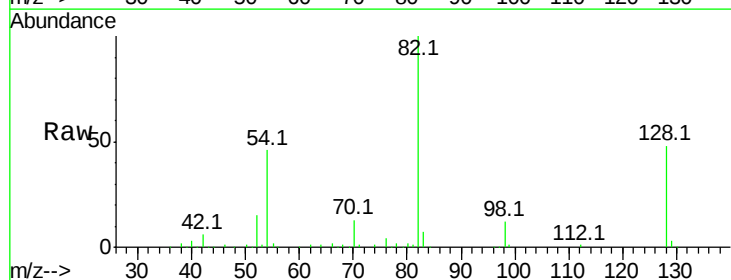
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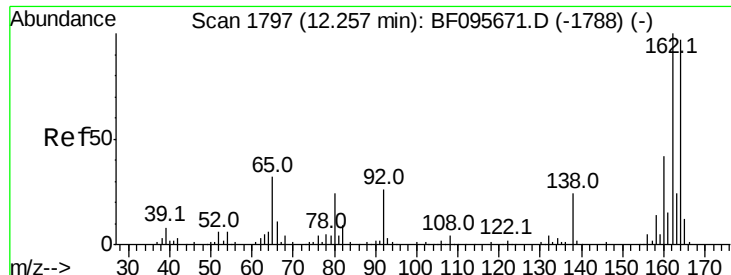
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#23
Nitrobenzene-d5
Concen: 100.50 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.6	34.0	51.0	
54	46.0	42.2	63.2	





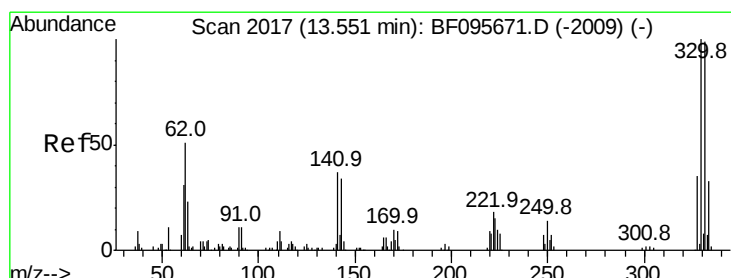
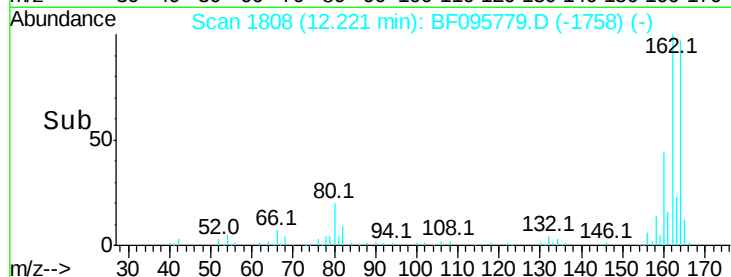
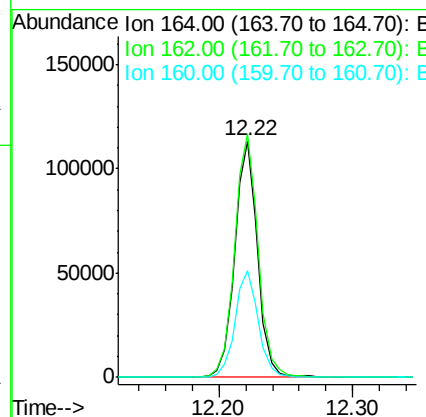
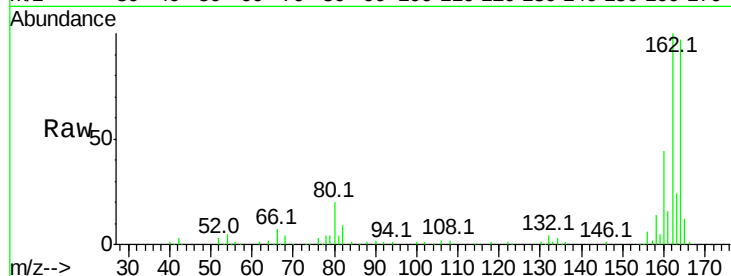
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	135033		
162	103.1	82.6	123.8	
160	45.1	36.2	54.2	

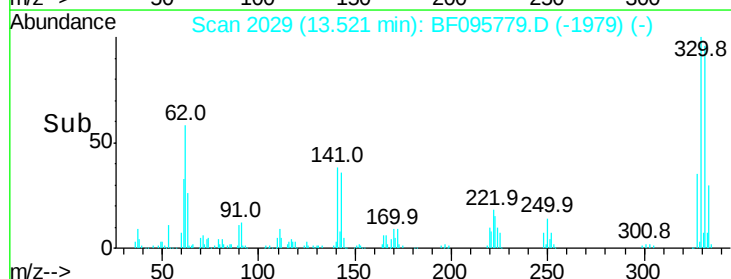
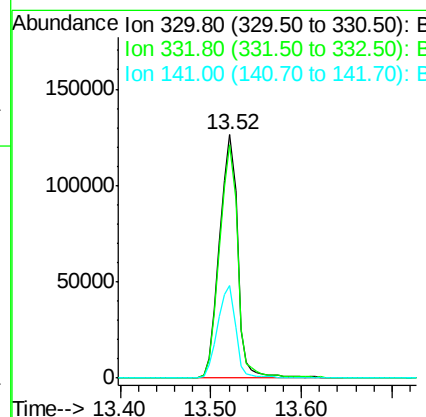
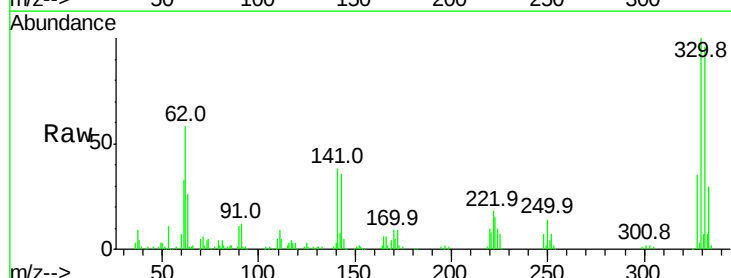
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#41
2,4,6-Tribromophenol
Concen: 147.10 ng
RT: 13.52 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	175740		
332	96.2	76.6	115.0	
141	38.3	31.4	47.2	





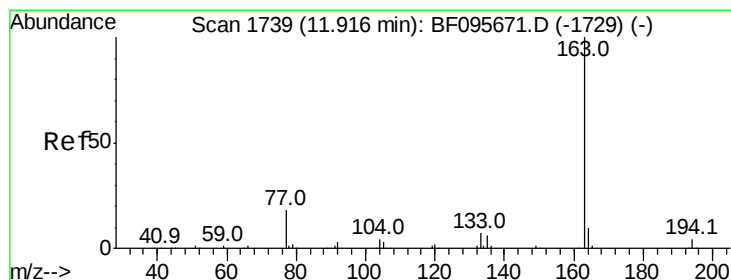
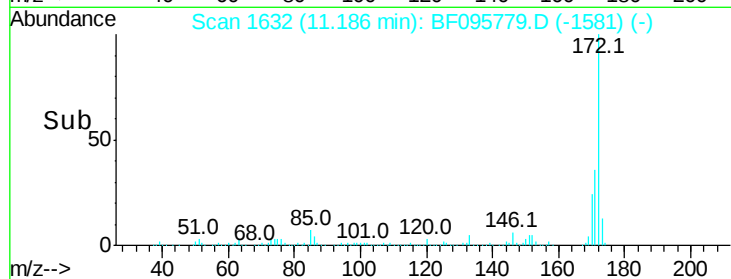
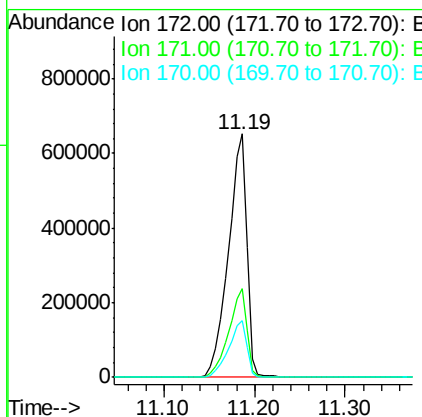
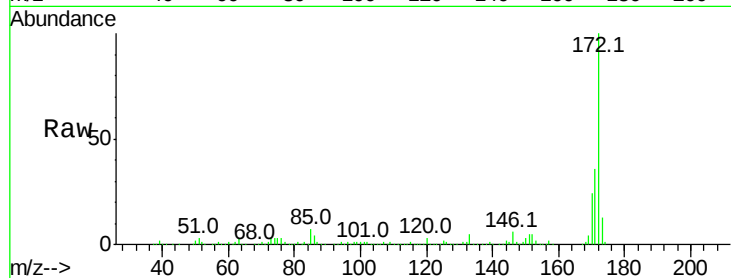
#44
2-Fluorobiphenyl
Concen: 95.44 ng
RT: 11.19 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.6	44.4	
170	23.6	19.8	29.8	

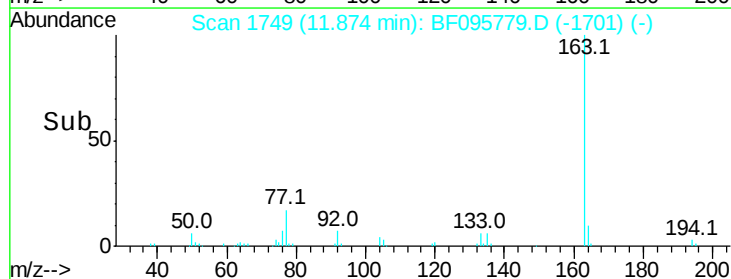
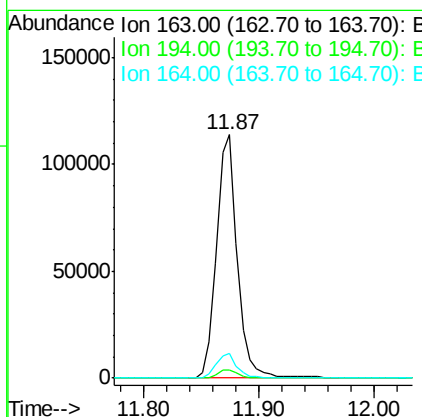
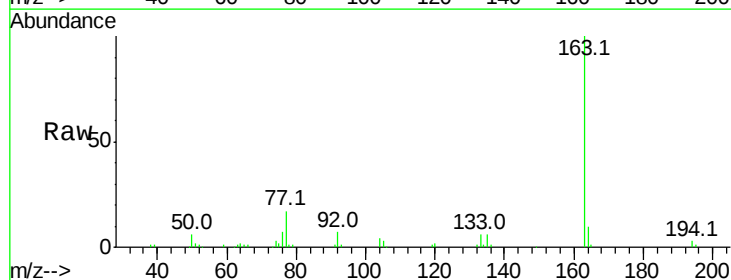
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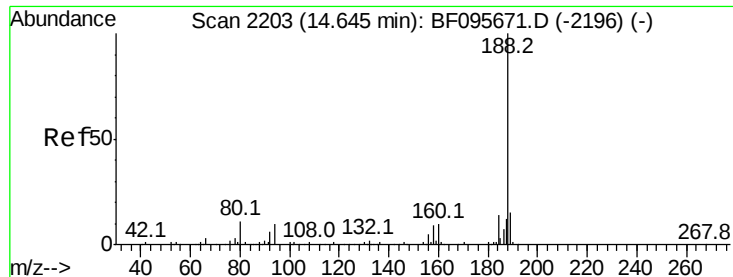
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#49
Dimethylphthalate
Concen: 13.85 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.1	8.4	12.6	





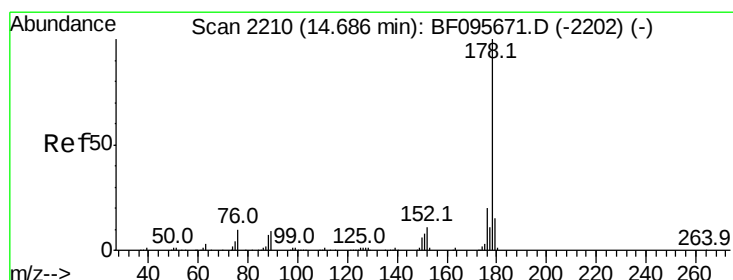
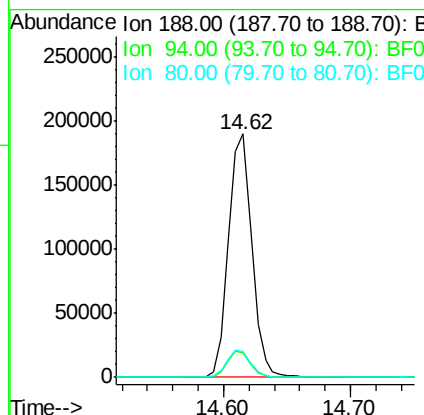
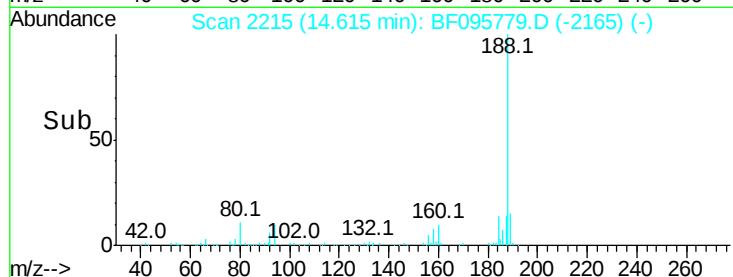
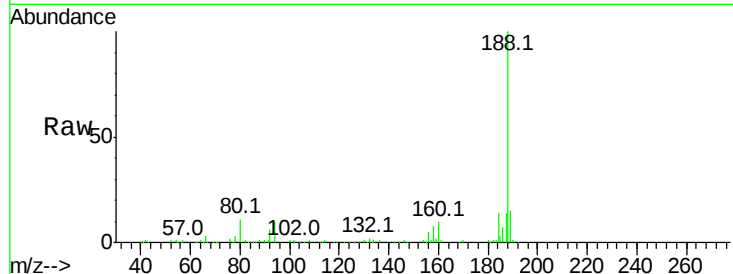
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	240962		
94	10.0		9.4	14.2
80	10.9		10.2	15.2

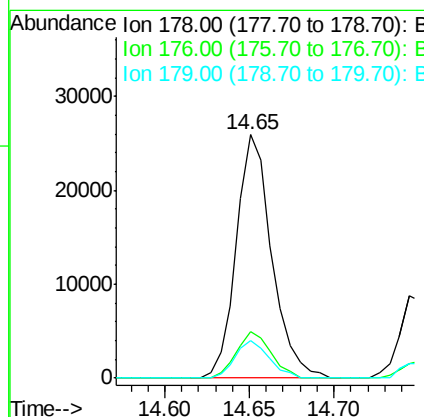
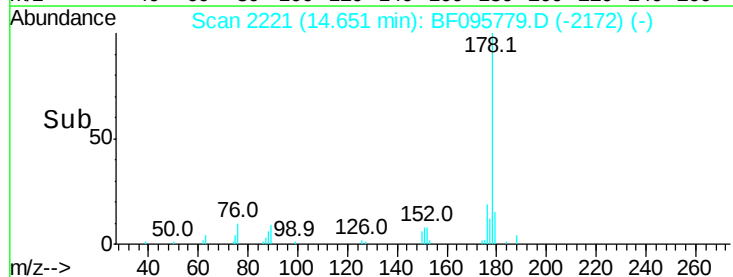
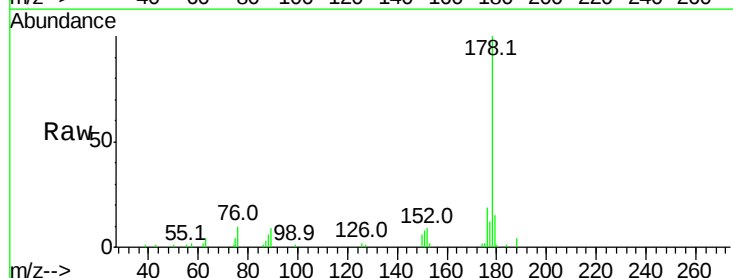
Manual Integrations
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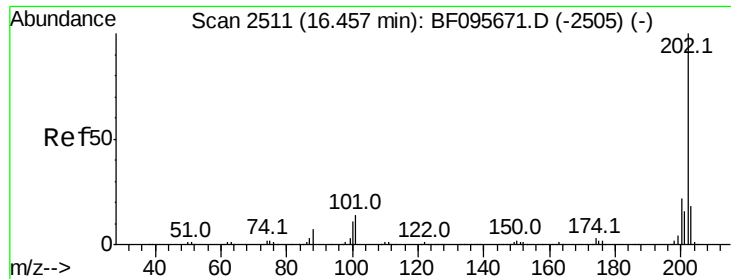
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#70
Phenanthrene
Concen: 2.72 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	37851		
176	18.9		16.2	24.4
179	15.5		12.6	19.0





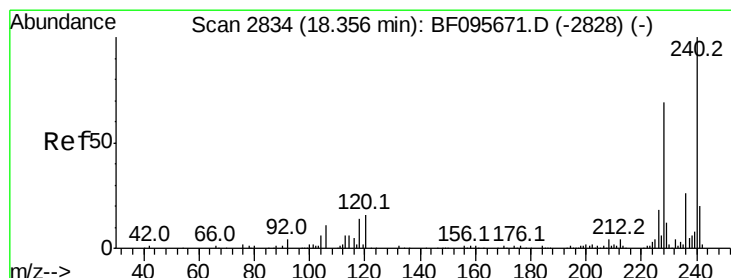
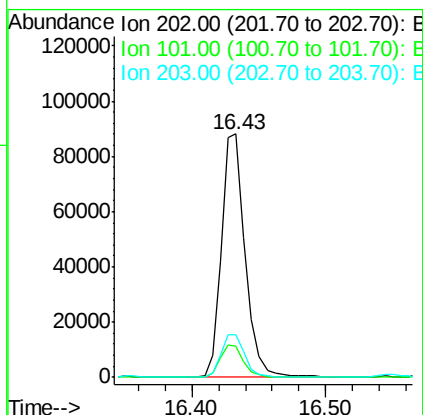
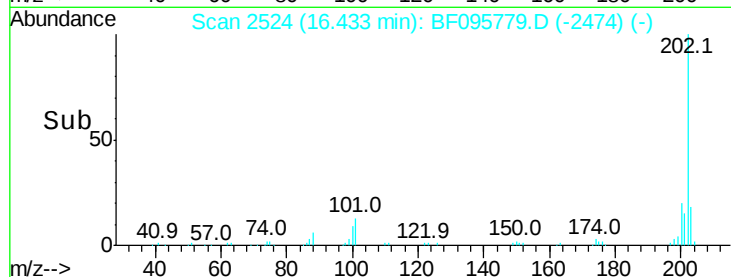
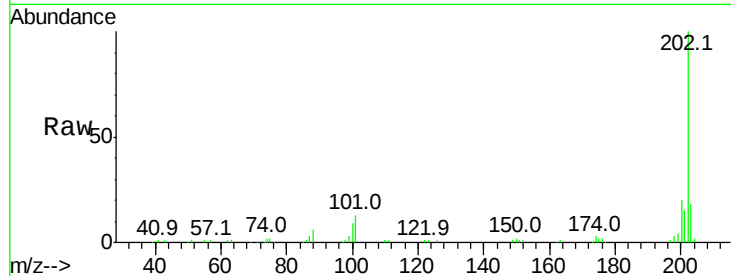
#74
Fluoranthene
 Concen: 8.00 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BF095779.D
 Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.0	0.0	33.2	
203	17.7	0.0	38.1	

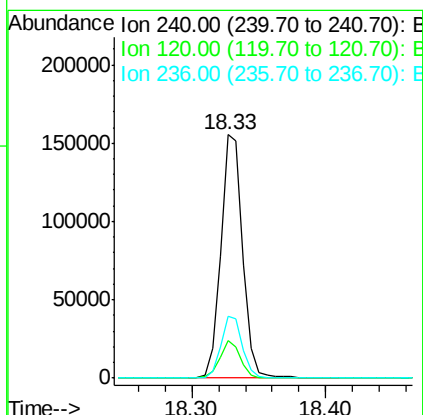
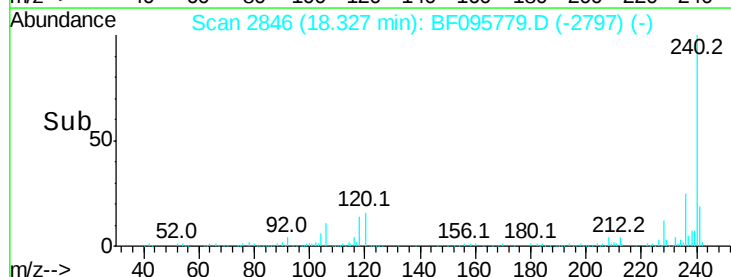
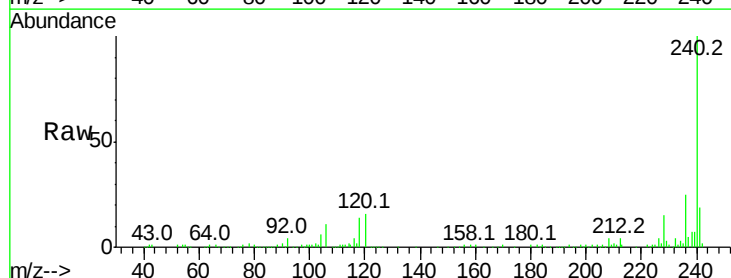
Manual Integrations
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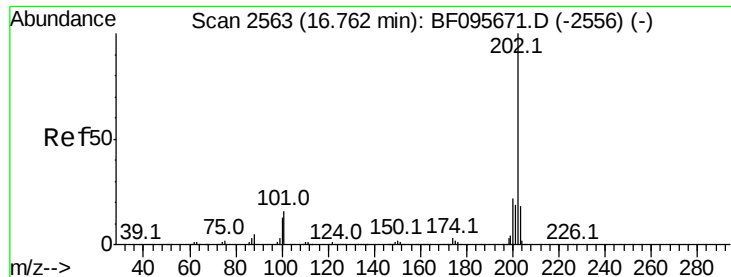
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095779.D
 Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.7	5.8	8.8#	
236	25.3	20.5	30.7	





#77

Pvrene

Concen: 7.38 ng

RT: 16.73 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095779.D

Acq: 8 Jun 2017 12:52

Instrument :

BNA_F

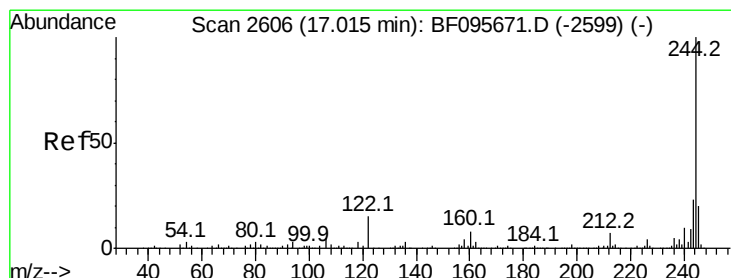
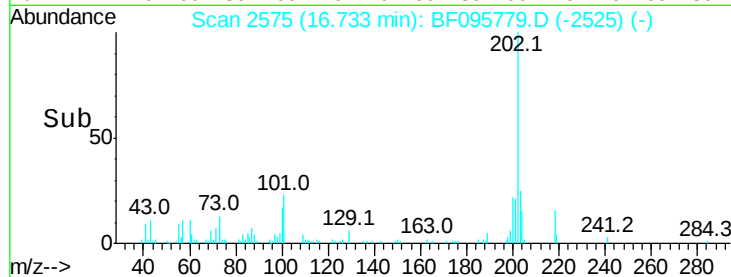
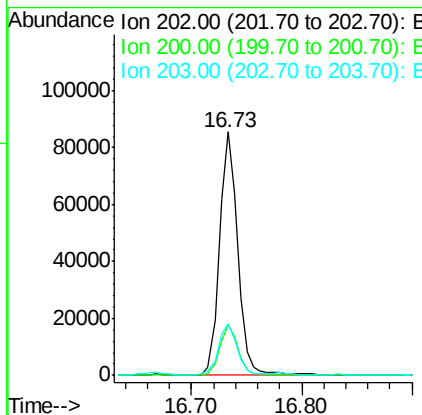
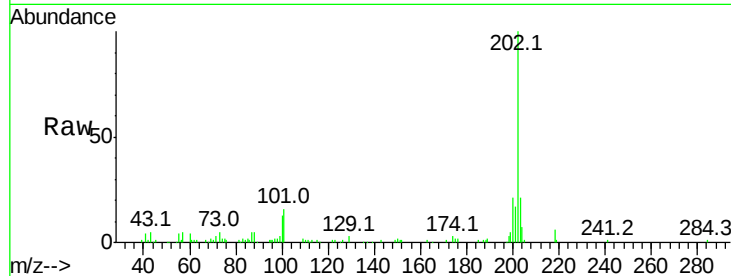
ClientSampleId :

SB-2(0-2)20170603

Tot Ion:	202	Resp:	98486
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	21.1	14.4	21.6

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#78

Terphenyl-d14

Concen: 99.62 ng

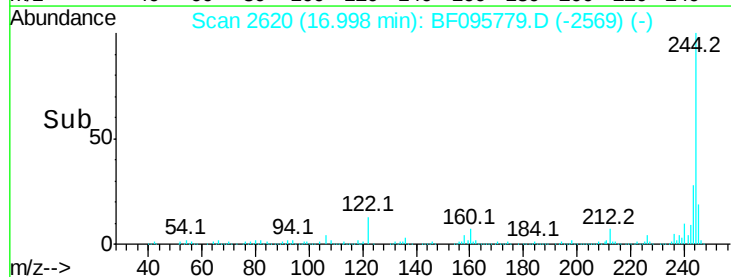
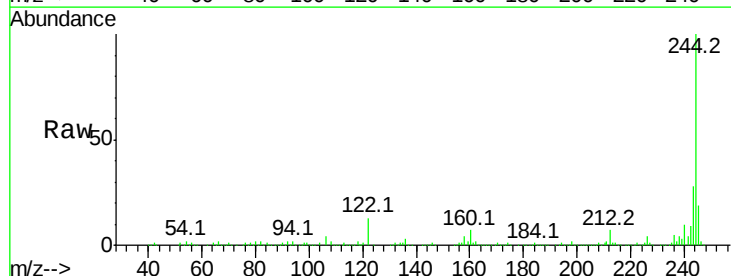
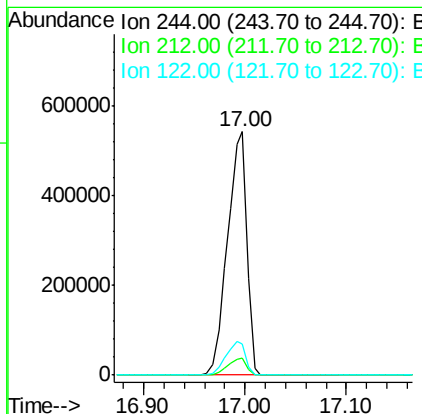
RT: 17.00 min Scan# 2620

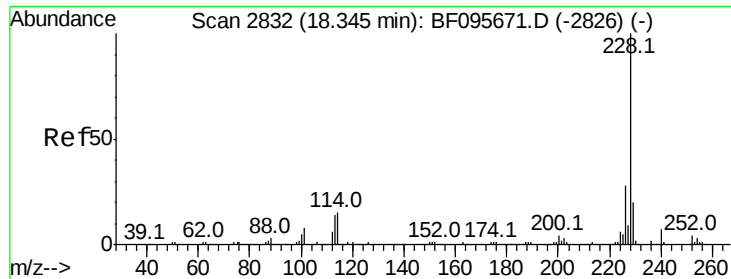
Delta R.T. 0.00 min

Lab File: BF095779.D

Acq: 8 Jun 2017 12:52

Tgt Ion:	244	Resp:	718180
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	12.8	10.3	15.5





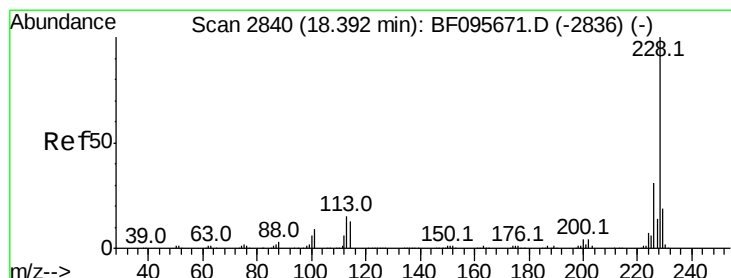
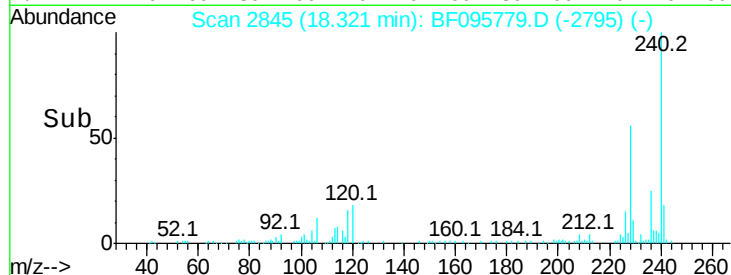
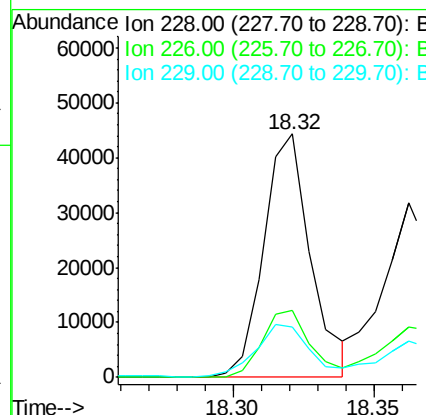
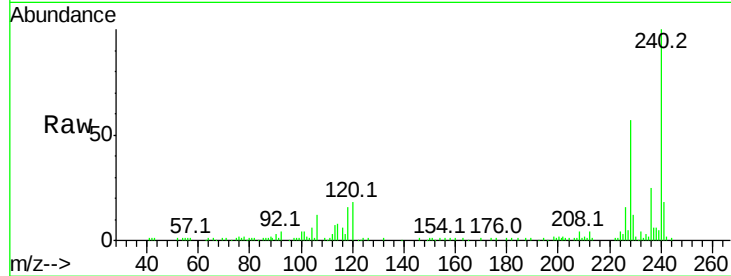
#80
Benzo(a)anthracene
Concen: 4.91 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.6	16.3	24.5

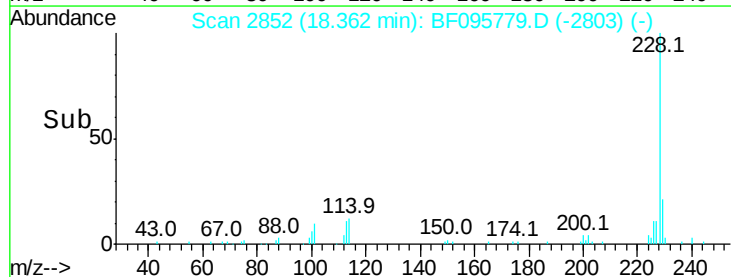
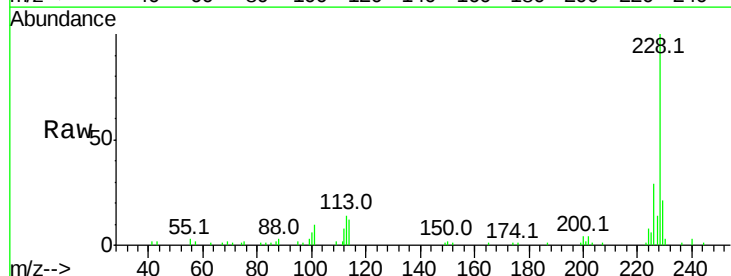
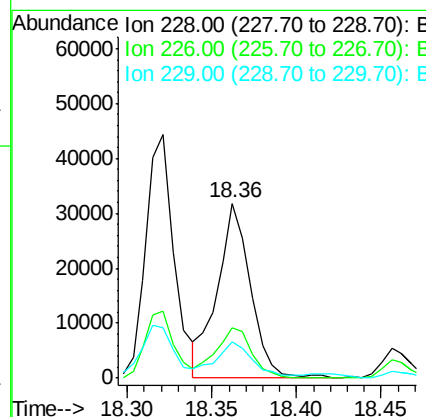
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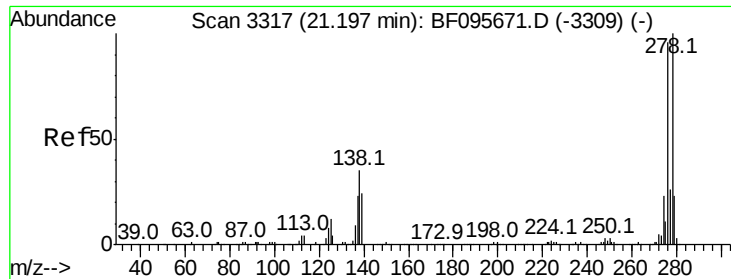
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#82
Chrysene
Concen: 4.20 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	21.0	15.8	23.6





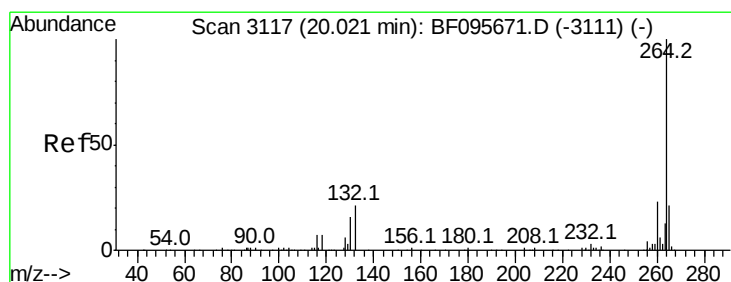
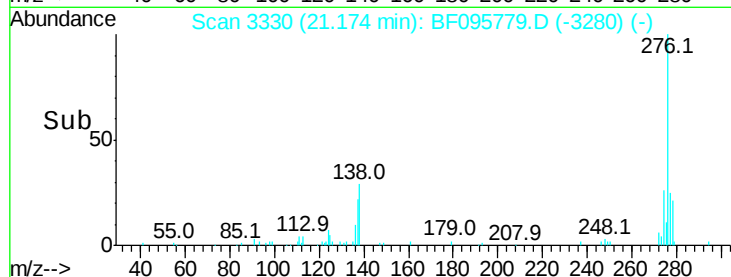
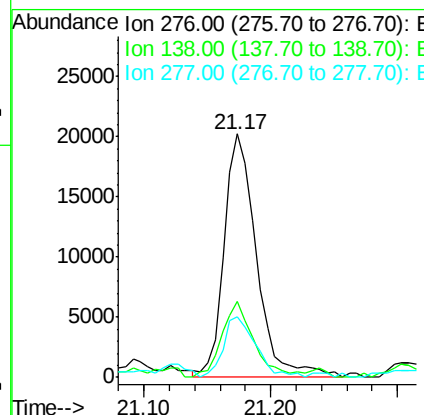
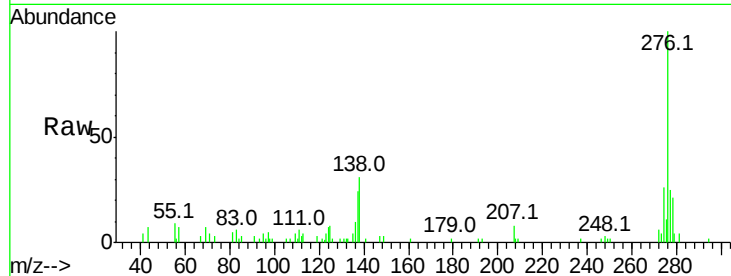
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.06 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	24.8	20.2	30.4

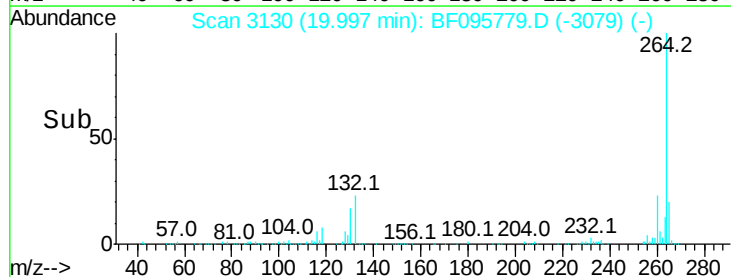
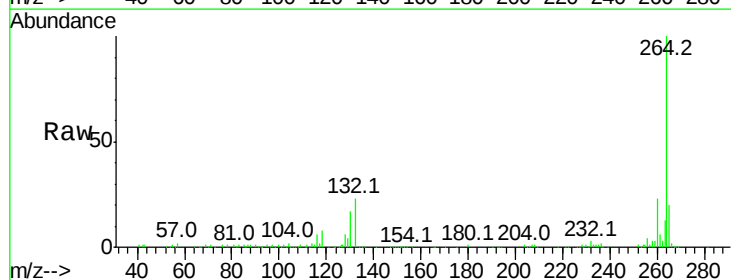
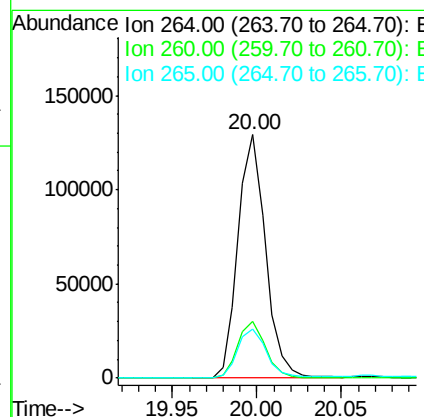
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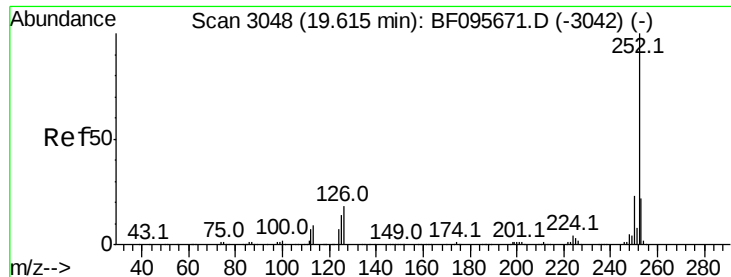
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.0	17.2	25.8





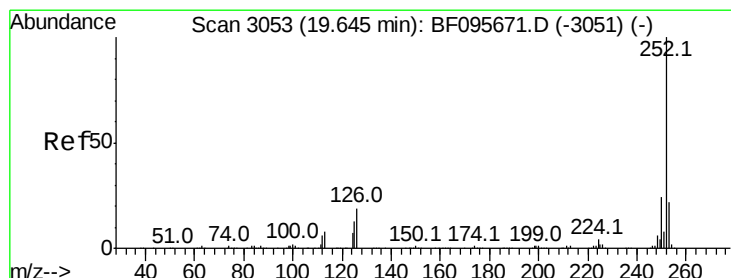
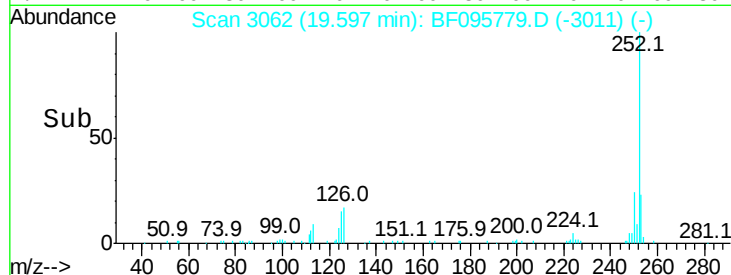
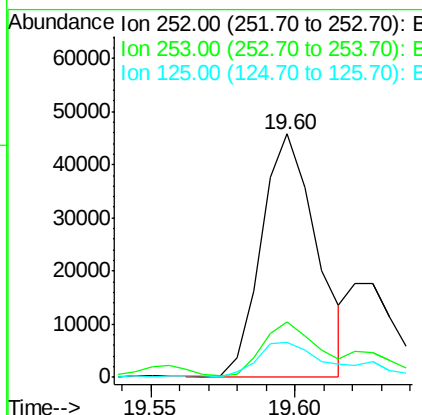
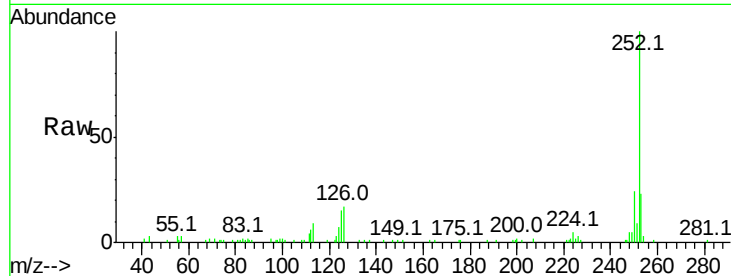
#87
Benzo(b)fluoranthene
Concen: 6.64 ng m
RT: 19.60 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.6	9.8	14.8

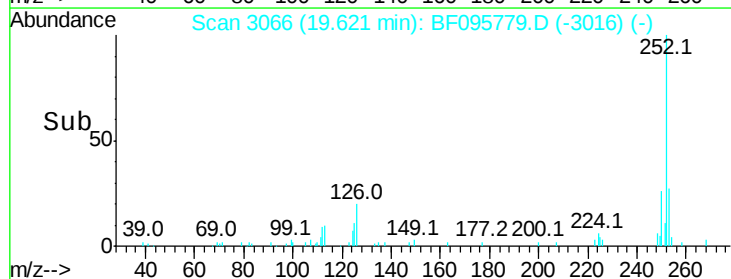
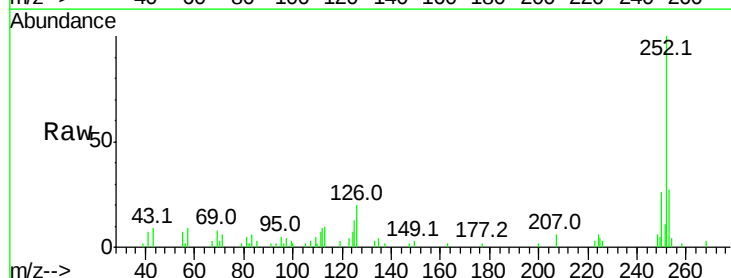
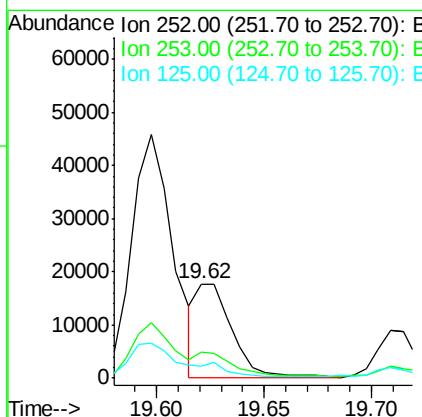
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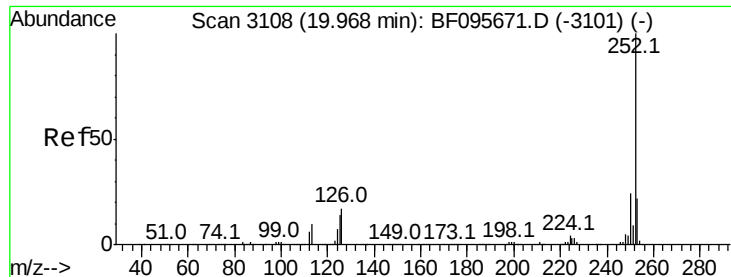
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#88
Benzo(k)fluoranthene
Concen: 2.34 ng m
RT: 19.62 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.4	27.6
125	13.0	13.1	19.7#





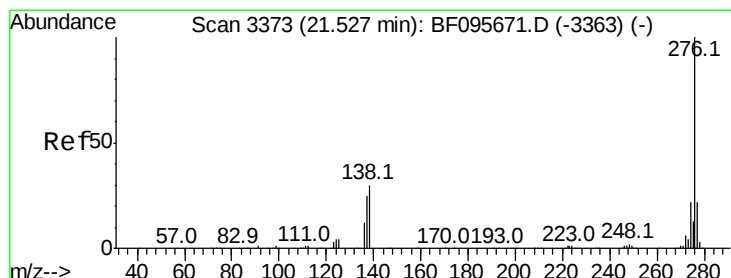
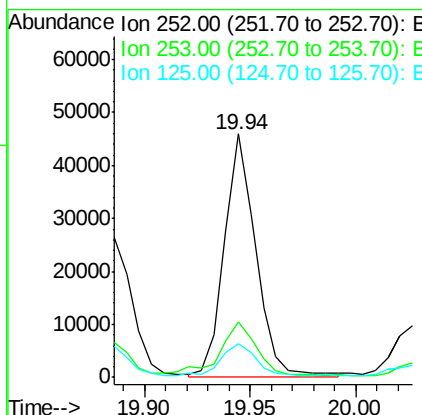
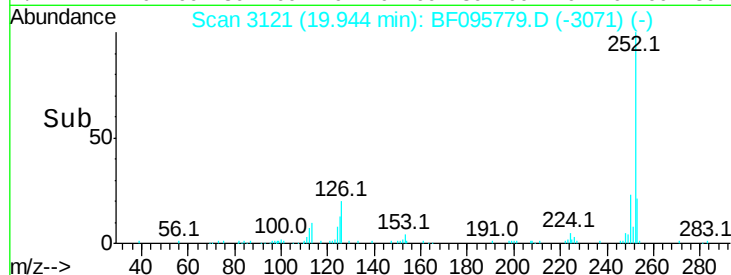
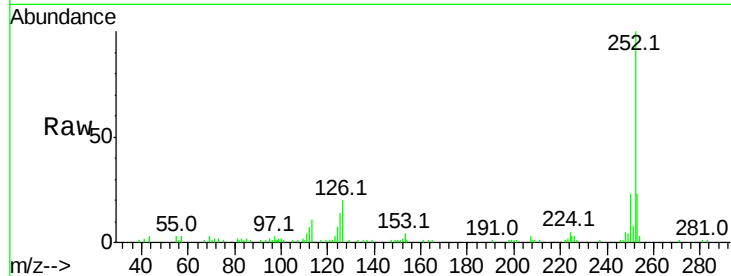
#89
Benzo(a)pyrene
Concen: 5.64 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	13.8	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.77 ng
RT: 21.50 min Scan# 3386
Delta R.T. 0.00 min
Lab File: BF095779.D
Acq: 8 Jun 2017 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	32.6	25.4	38.0

