

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095798.D
 Acq On : 8 Jun 2017 23:10
 Operator : SJ/MA
 Sample : I3495-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 US-01

Manual Integrations
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Quant Time: Jun 09 02:58:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	71658	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	291010	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	128865	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	220979	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	146448	20.00	ng	-0.03
86) Perylene-d12	20.00	264	132839	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	481024	106.96	ng	-0.02
7) Phenol-d6	6.93	99	595046	110.53	ng	-0.03
23) Nitrobenzene-d5	8.28	82	333762	71.23	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	104814	91.93	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	475686	51.37	ng	-0.04
78) Terphenyl-d14	16.99	244	279061	47.29	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	149175	15.25	ng	98
70) Phenanthrene	14.65	178	240171	18.84	ng	98
71) Anthracene	14.74	178	46166	3.47	ng	96
74) Fluoranthene	16.43	202	375974	29.79	ng	98
77) Pyrene	16.73	202	324746	29.72	ng	96
80) Benzo(a)anthracene	18.32	228	123670	14.52	ng	96
82) Chrysene	18.36	228	115461	13.57	ng	98
83) Bis(2-ethylhexyl)phthalate	18.41	149	22584	3.35	ng	96
85) Indeno(1,2,3-cd)pyrene	21.17	276	60723	8.34	ng	94
87) Benzo(b)fluoranthene	19.60	252	145464m	17.49	ng	
88) Benzo(k)fluoranthene	19.62	252	39110m	4.92	ng	
89) Benzo(a)pyrene	19.94	252	108774	14.23	ng	100
90) Dibenzo(a,h)anthracene	21.17	278	13262m	2.04	ng	
91) Benzo(a,h,i)perylene	21.50	276	61668	9.33	ng	96

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

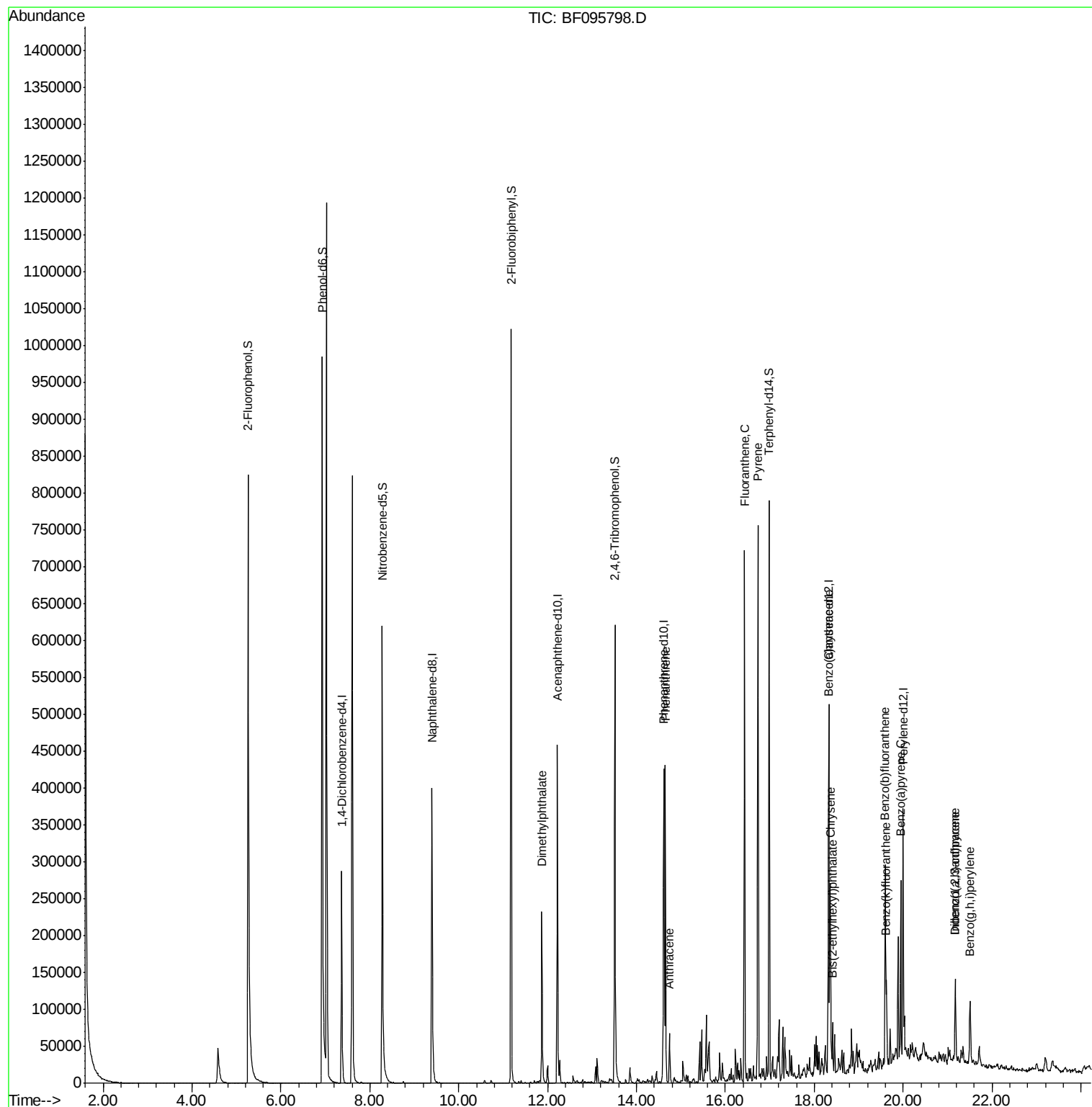
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095798.D
Acq On : 8 Jun 2017 23:10
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Sample : I3495-01
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ALS Vial : 14 Sample Multiplier: 1

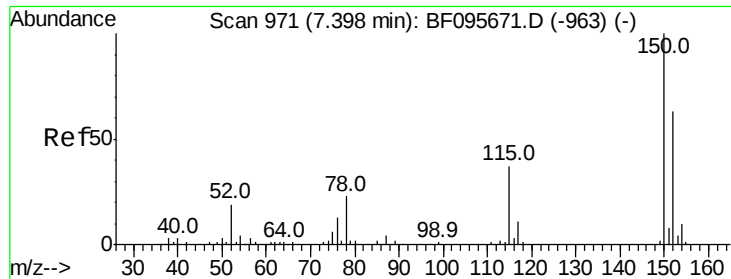
Instrument :
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Quant Time: Jun 09 02:58:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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#1

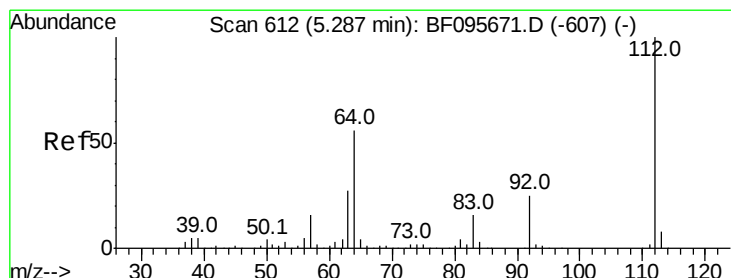
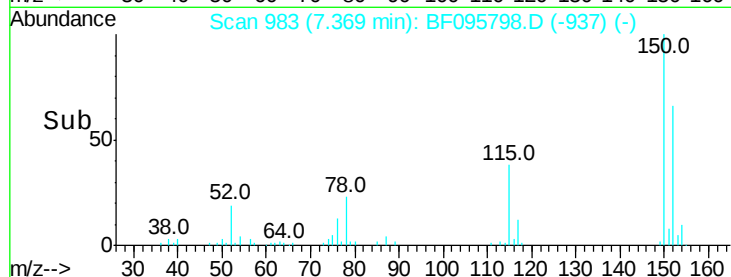
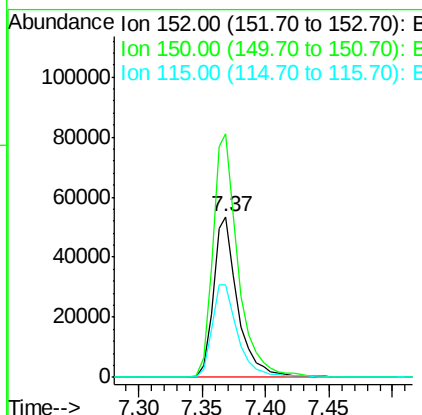
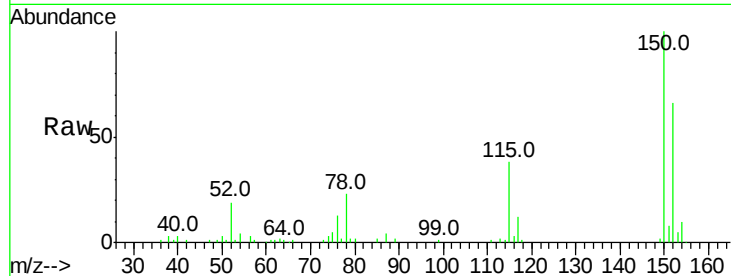
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Instrument :
BNA_F
ClientSampled :
US-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.2
115	57.4	52.2	78.2

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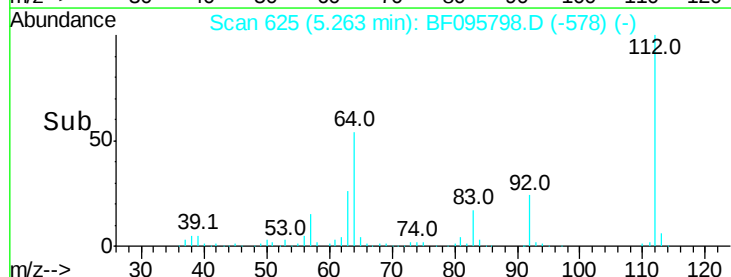
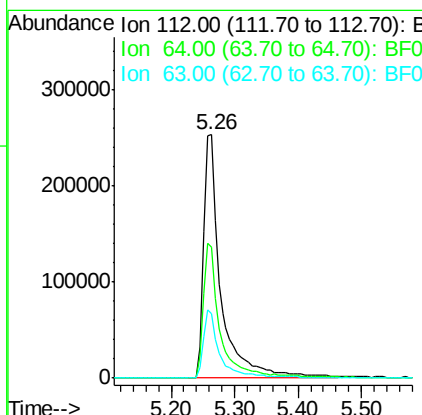
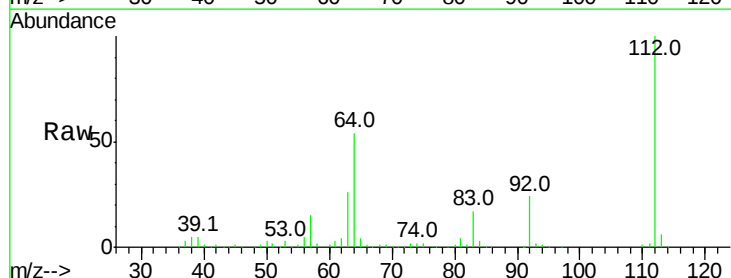
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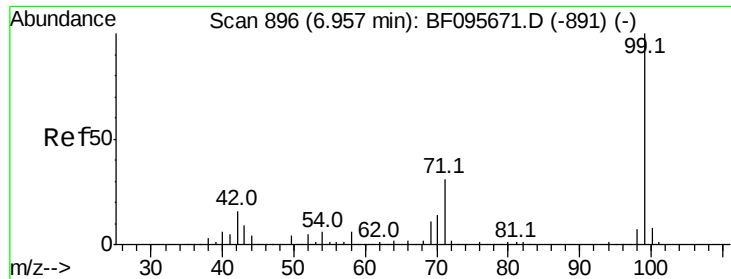


#5

2-Fluorophenol
Concen: 106.96 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.0	69.0
63	26.4	23.4	35.0





#7

Phenol-d6

Concen: 110.53 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095798.D

Acq: 8 Jun 2017 23:10

Instrument :

BNA_F

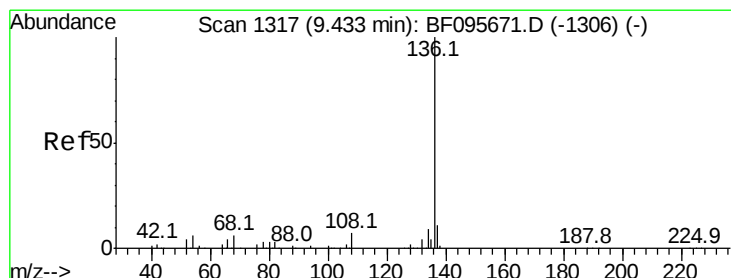
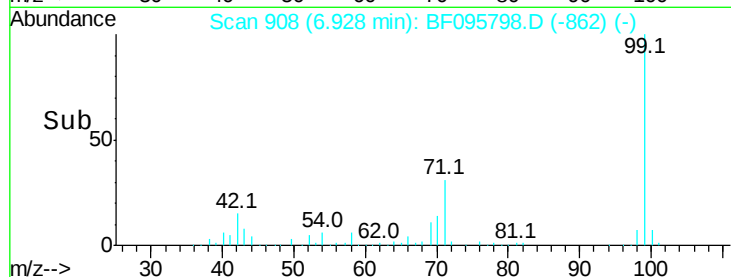
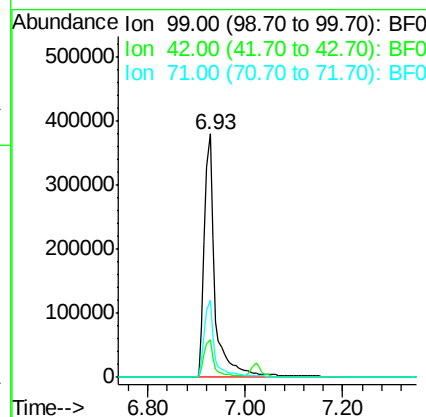
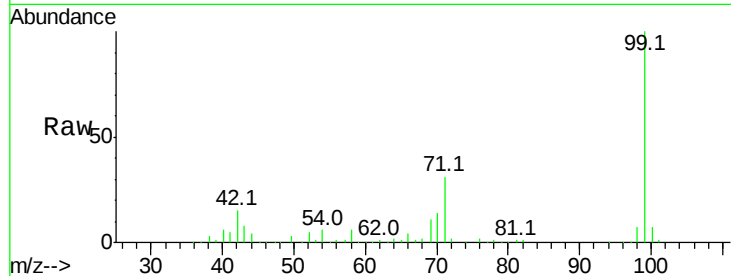
ClientSampled :

US-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		595046		
42	15.4	13.5	20.3		
71	31.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

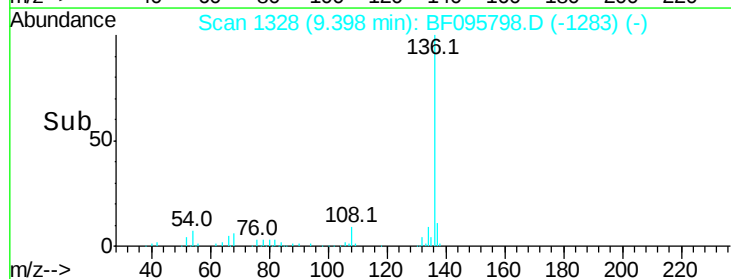
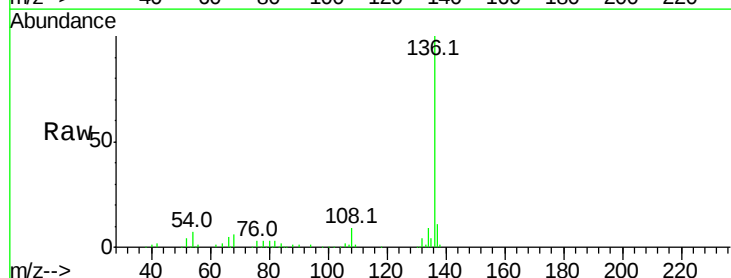
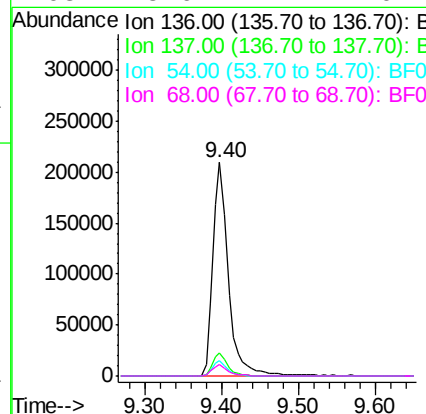
RT: 9.40 min Scan# 1328

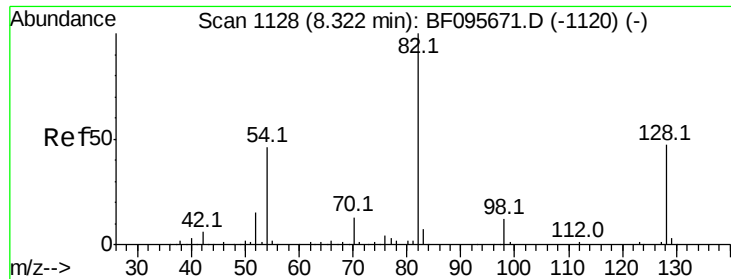
Delta R.T. -0.04 min

Lab File: BF095798.D

Acq: 8 Jun 2017 23:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		291010		
137	11.1	8.5	12.7		
54	7.1	4.9	7.3		
68	5.6	4.1	6.1		





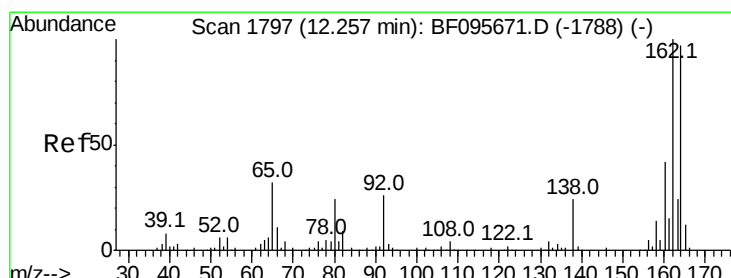
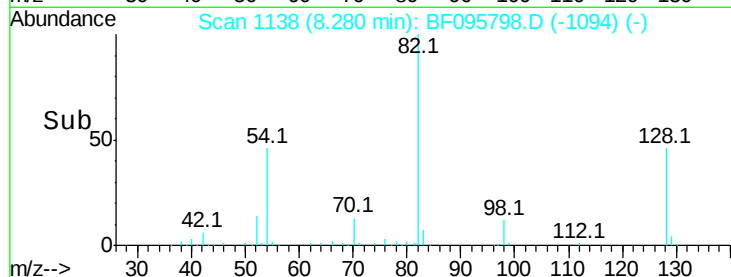
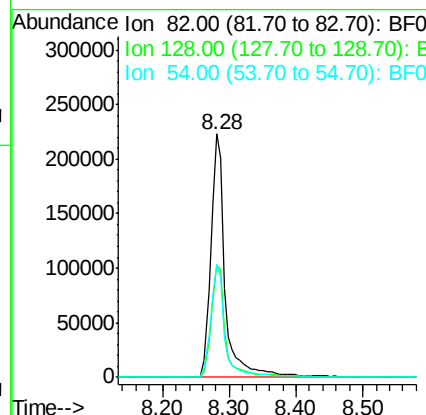
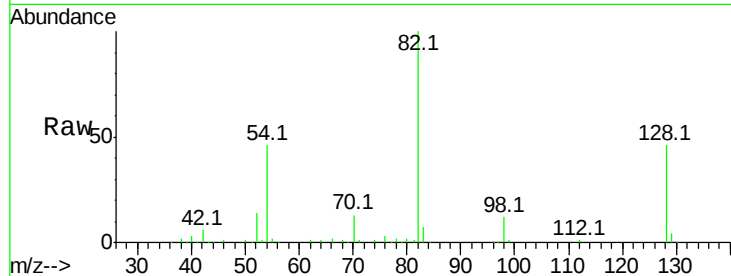
#23
Nitrobenzene-d5
Concen: 71.23 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Instrument :
BNA_F
ClientSampled :
US-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	46.5	42.2	63.2

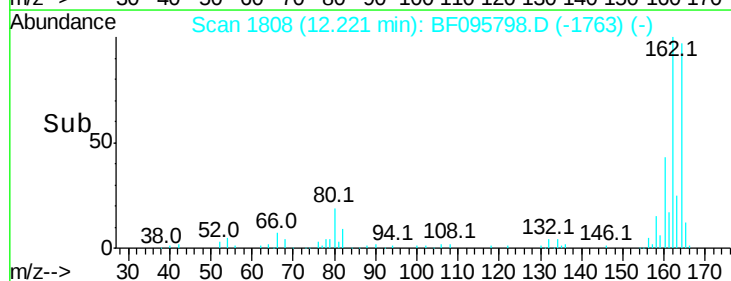
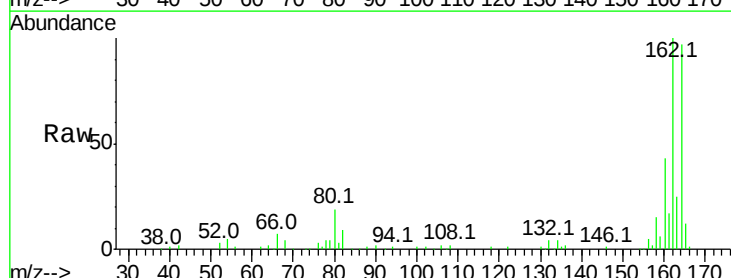
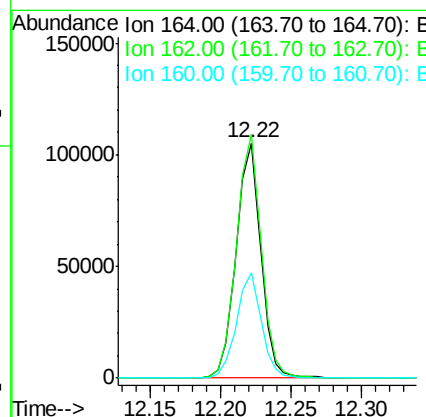
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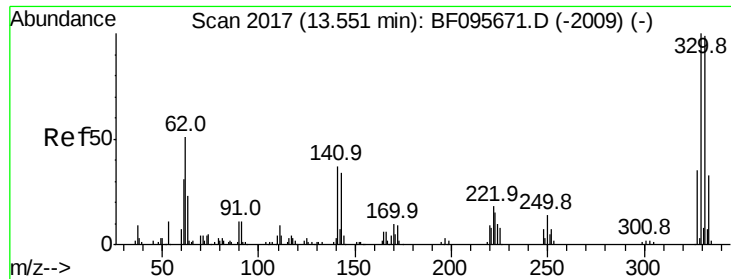
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	44.8	36.2	54.2





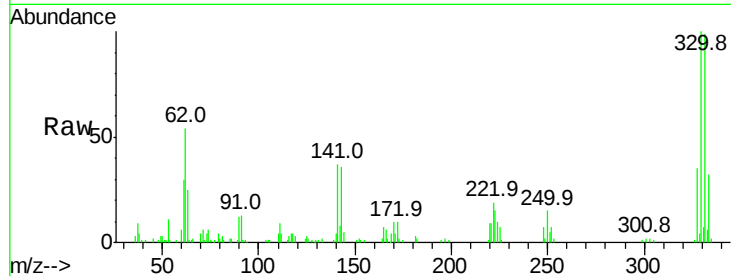
#41
 2,4,6-Tribromophenol
 Concen: 91.93 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095798.D
 Acq: 8 Jun 2017 23:10

Instrument :
 BNA_F
 ClientSampled :
 US-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	38.4	31.4	47.2

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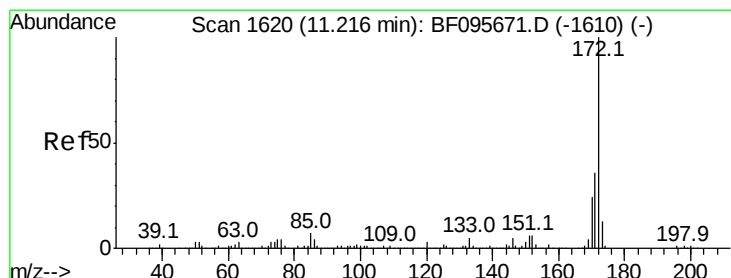
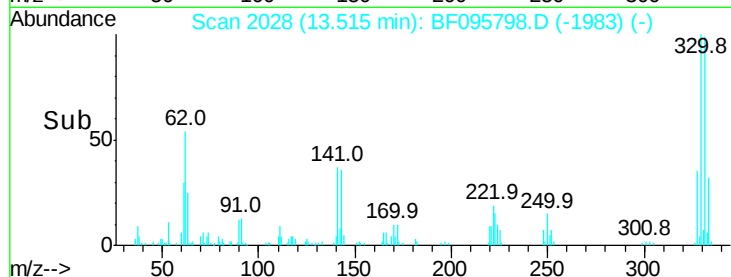
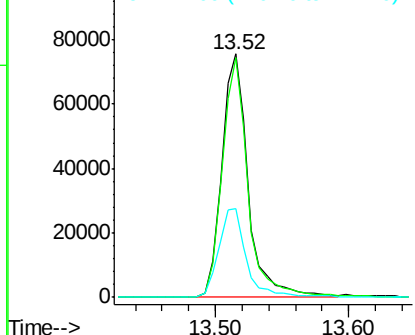


Abundance

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: 51.37 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095798.D
 Acq: 8 Jun 2017 23:10

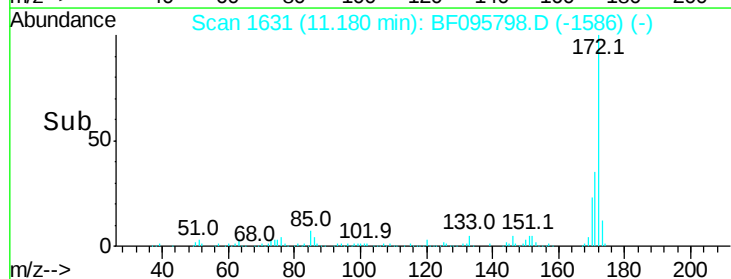
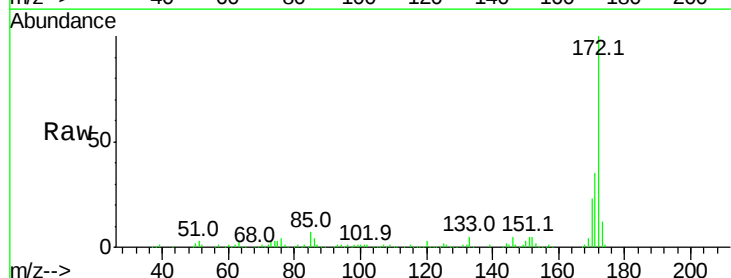
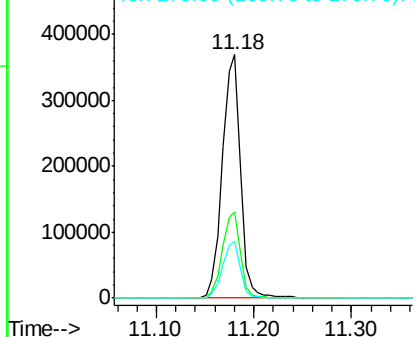
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.4	19.8	29.8

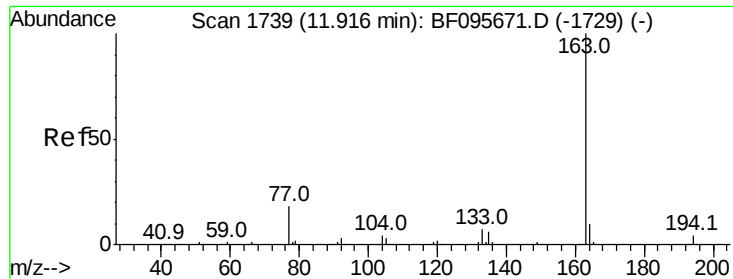
Abundance

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





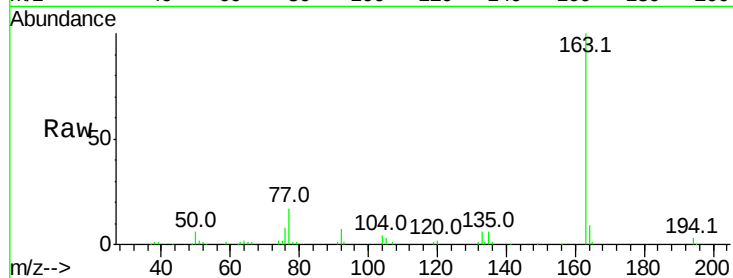
#49
Dimethylphthalate
Concen: 15.25 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Instrument :
BNA_F
ClientSampleId :
US-01

Tot Ion	Ratio	Resp	Lower	Upper
163	100	149175		
194	3.5	2.6	4.0	
164	9.5	8.4	12.6	

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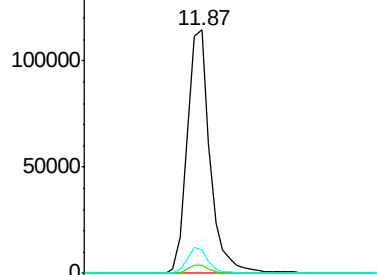


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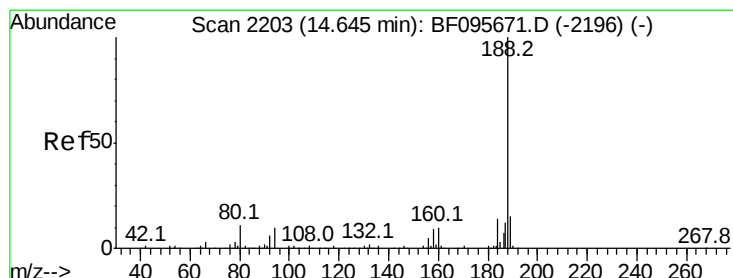
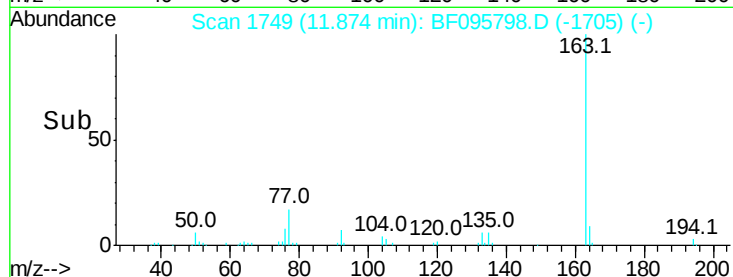
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

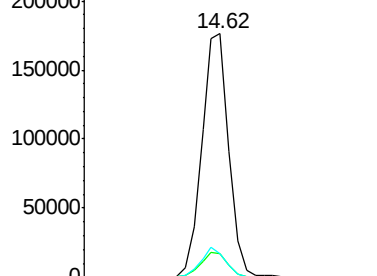
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	220979		
94	9.9	9.4	14.2	
80	9.5	10.2	15.2#	

Abundance

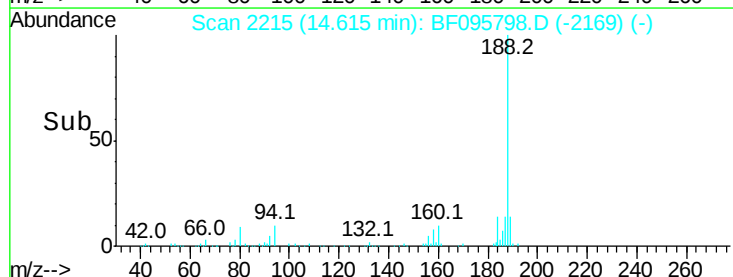
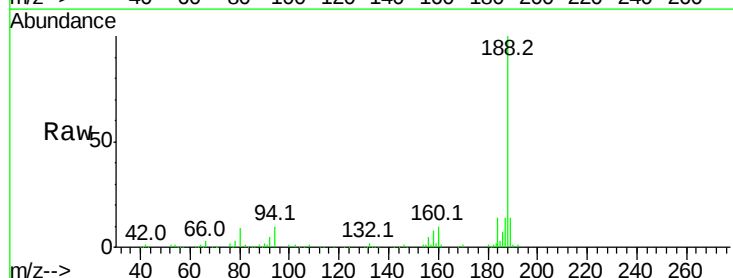
Ion 188.00 (187.70 to 188.70): E

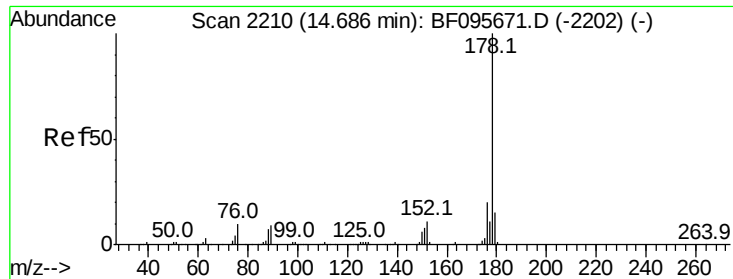
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





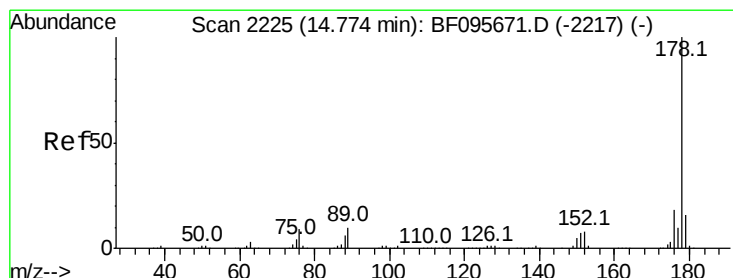
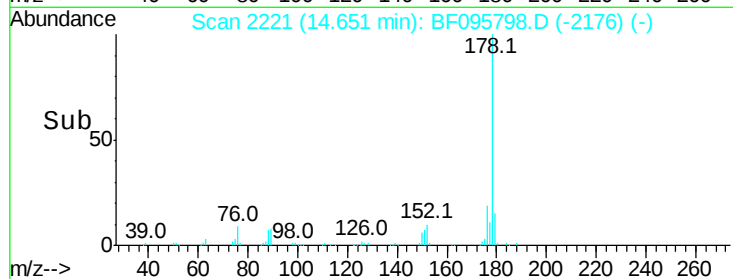
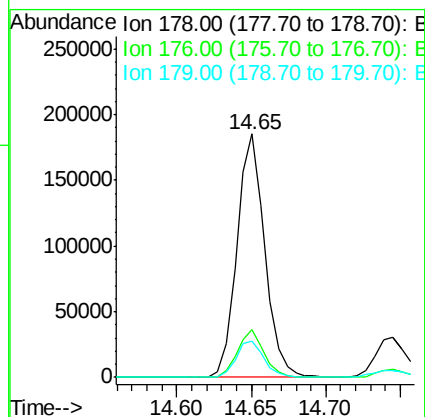
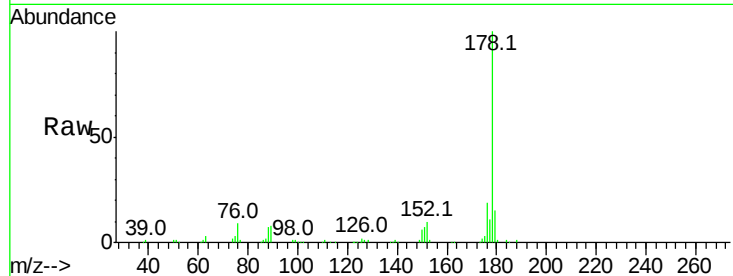
#70
Phenanthrene
Concen: 18.84 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Instrument :
BNA_F
ClientSampled :
US-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.1	12.6	19.0

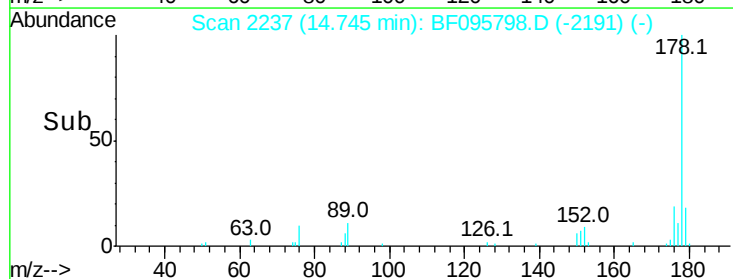
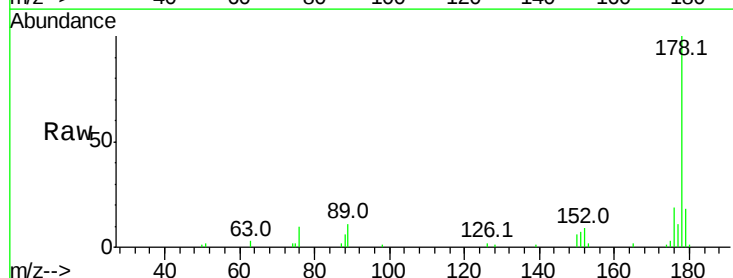
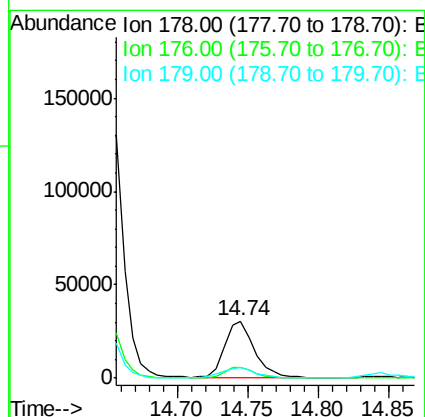
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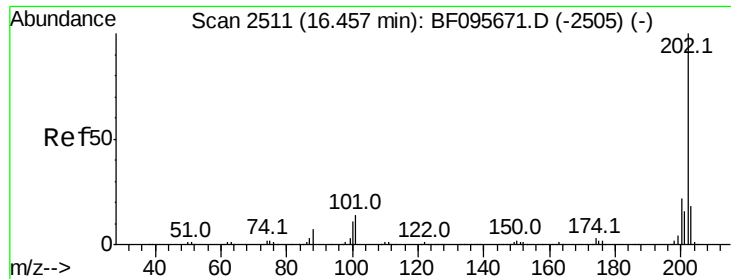
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#71
Anthracene
Concen: 3.47 ng
RT: 14.74 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	18.5	12.7	19.1





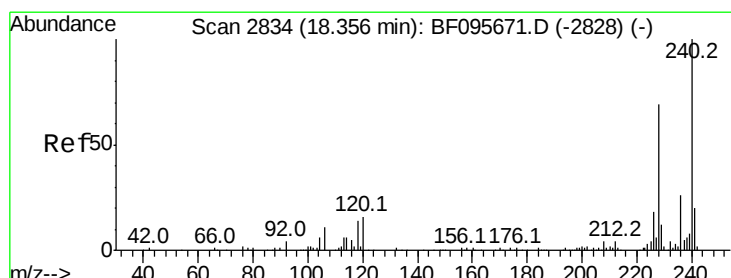
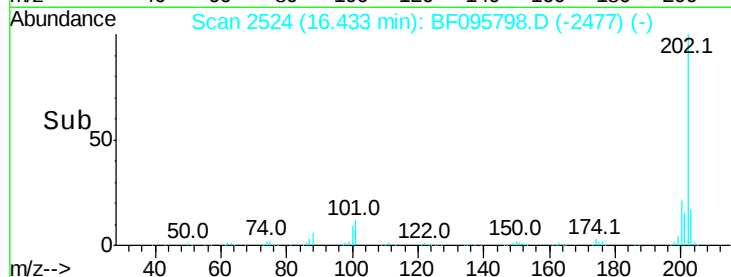
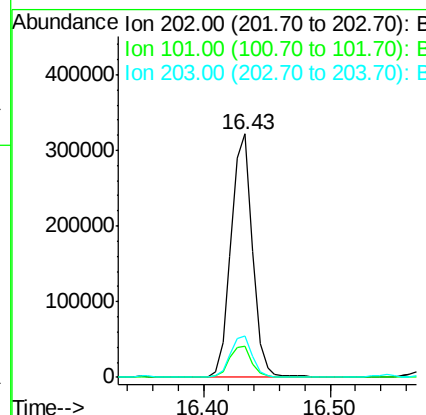
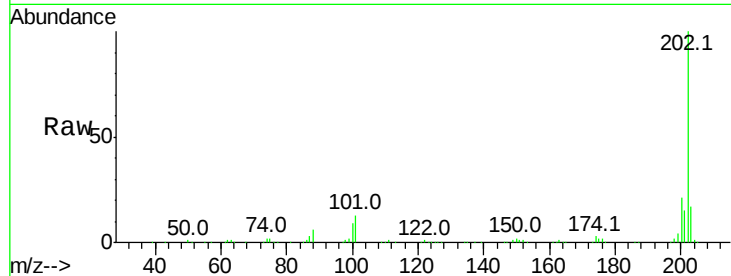
#74
 Fluoranthene
 Concen: 29.79 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BF095798.D
 Acq: 8 Jun 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 US-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.0	0.0	38.1

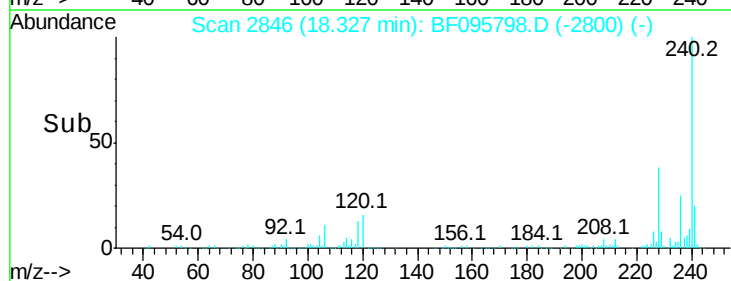
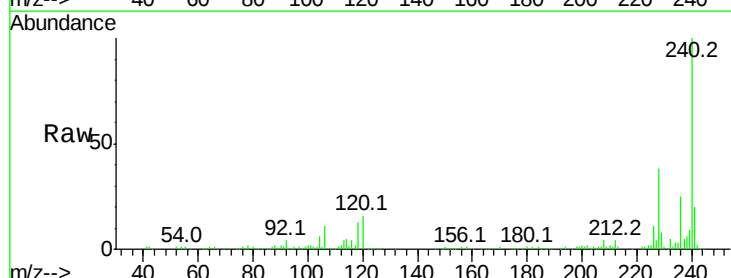
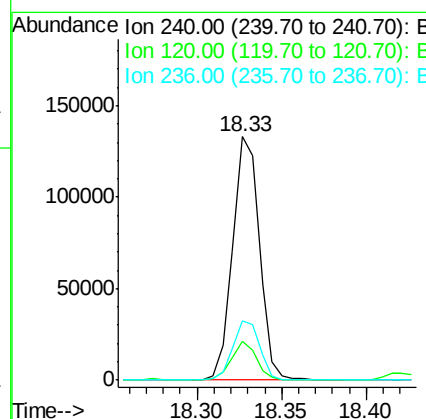
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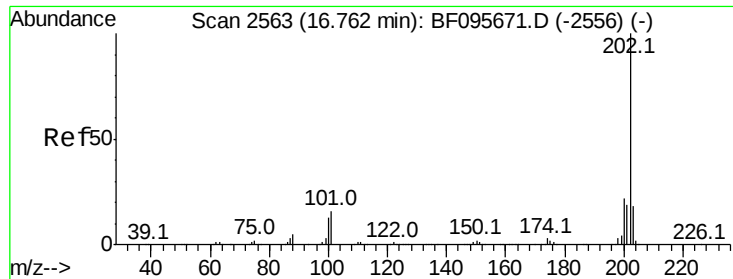
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2846
 Delta R.T. -0.03 min
 Lab File: BF095798.D
 Acq: 8 Jun 2017 23:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	24.5	20.5	30.7





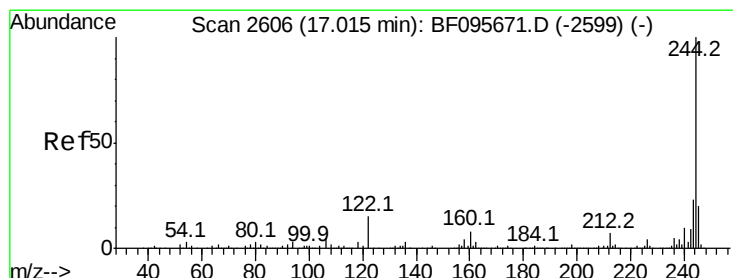
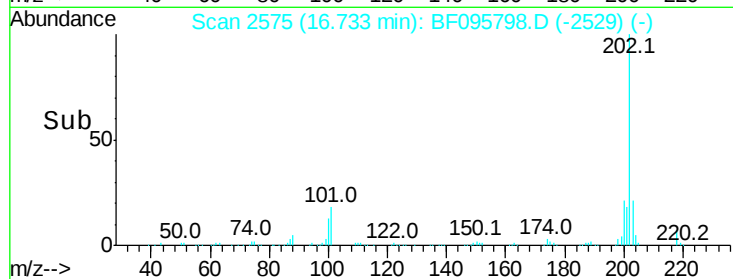
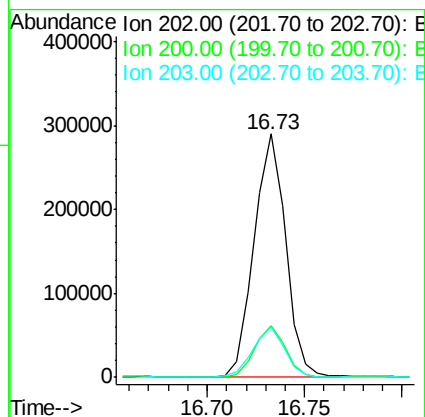
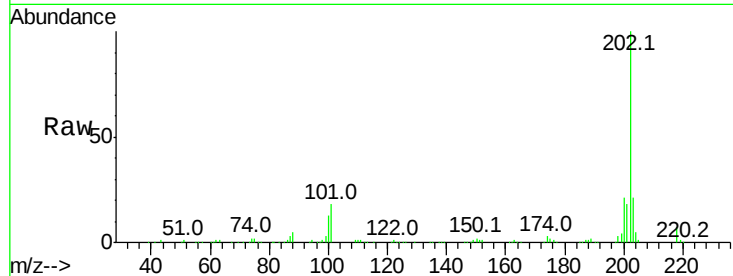
#77
Pvrene
Concen: 29.72 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Instrument :
BNA_F
ClientSampleId :
US-01

Tot Ion:	202	Resp:	324746
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.6	26.4
203	20.6	14.4	21.6

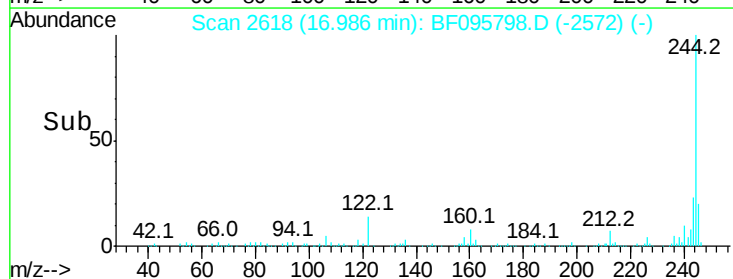
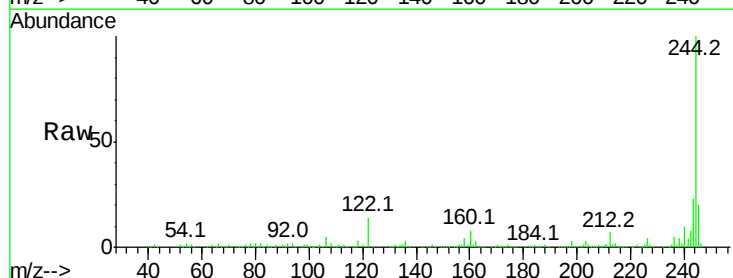
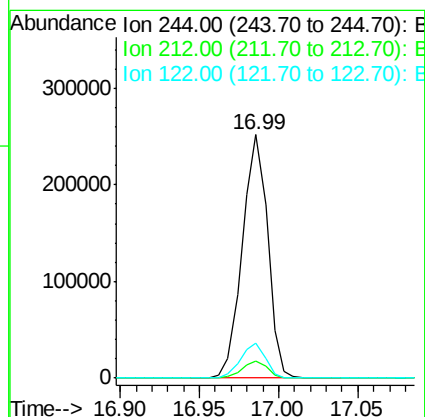
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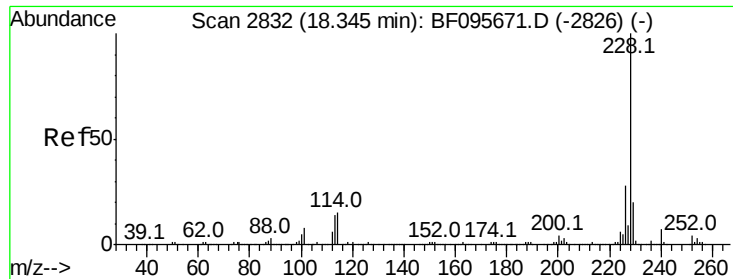
mohammad
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#78
Terphenyl-d14
Concen: 47.29 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Tgt Ion:	244	Resp:	279061
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	14.1	10.3	15.5





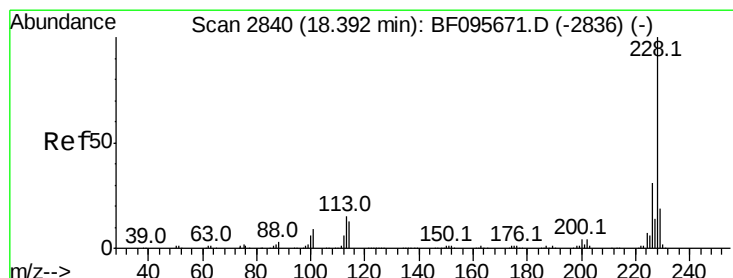
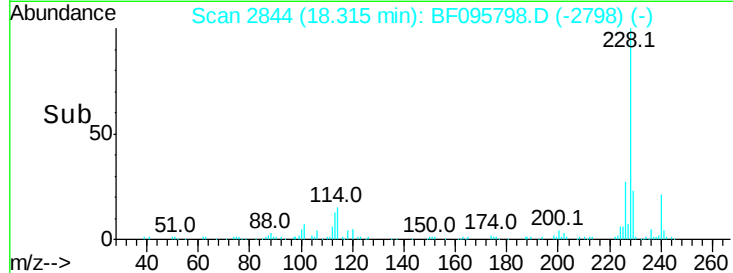
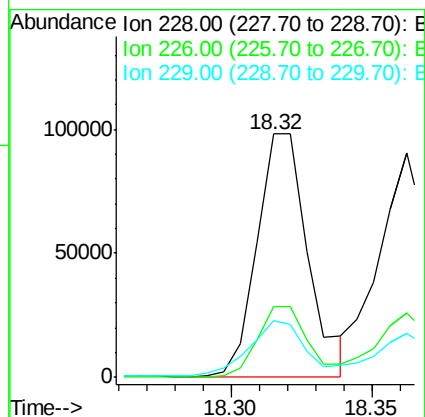
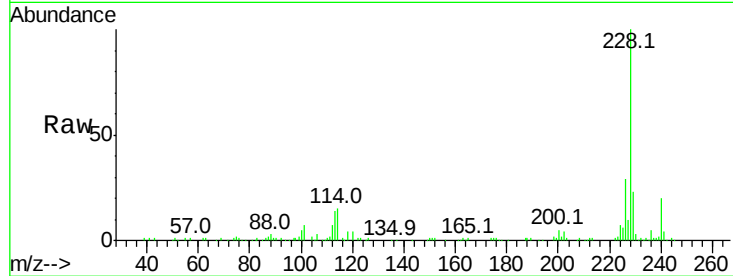
#80
Benzo(a)anthracene
Concen: 14.52 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.03 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Instrument :
BNA_F
ClientSampleId :
US-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	23.1	16.3	24.5

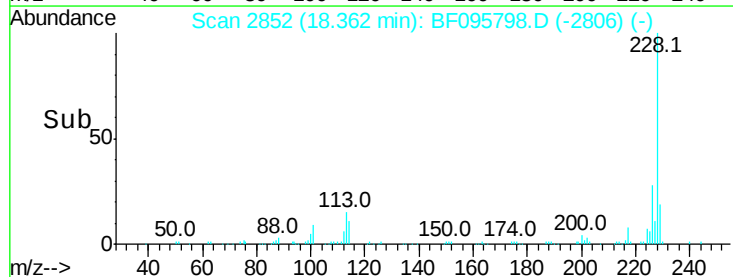
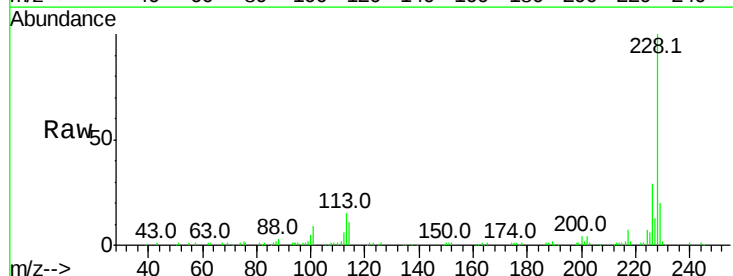
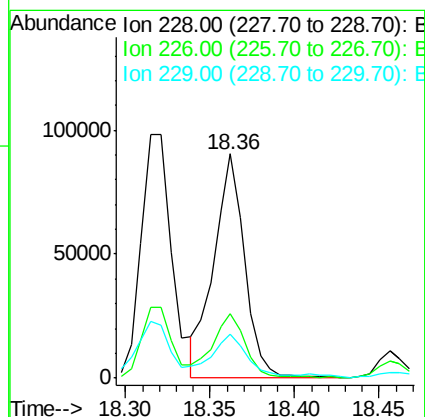
Manual Integrations
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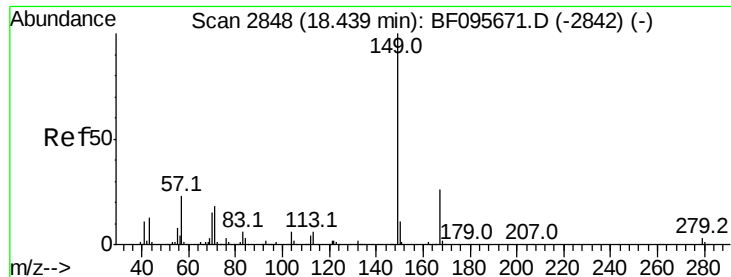
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#82
Chrysene
Concen: 13.57 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	19.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.35 ng

RT: 18.41 min Scan# 2860

Delta R.T. -0.03 min

Lab File: BF095798.D

Acq: 8 Jun 2017 23:10

Instrument :

BNA_F

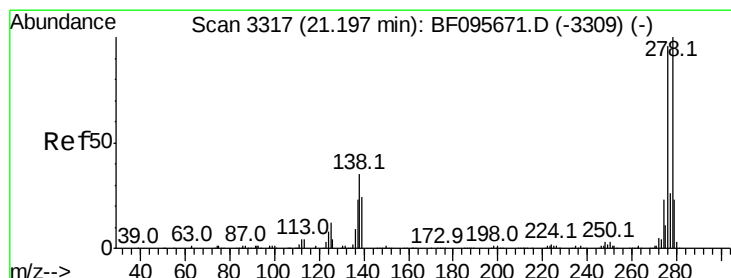
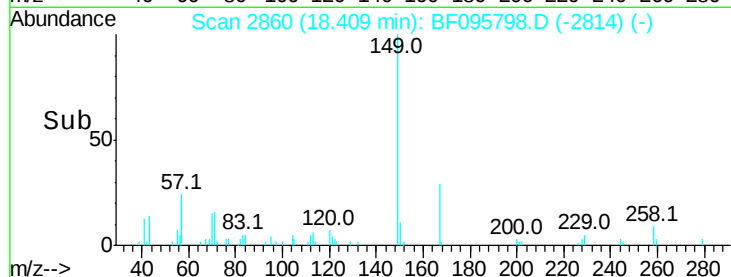
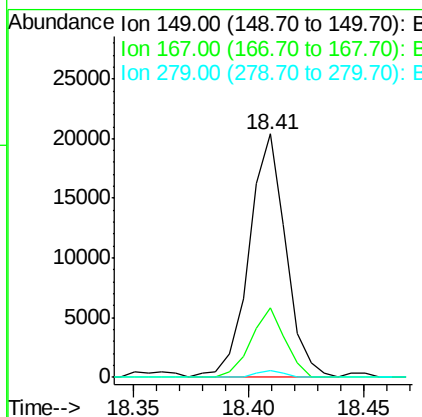
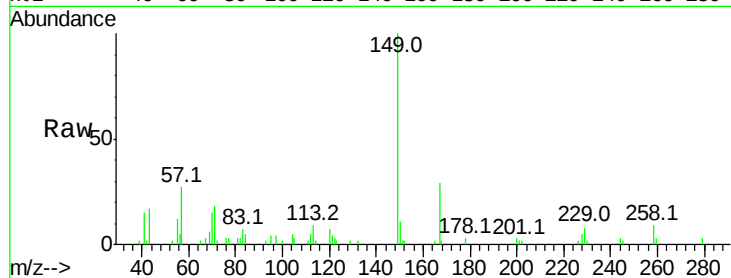
ClientSampleId :

US-01

Tot Ion:	149	Resp:	22584
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.0	31.4
279	2.9	1.9	2.9

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 8.34 ng

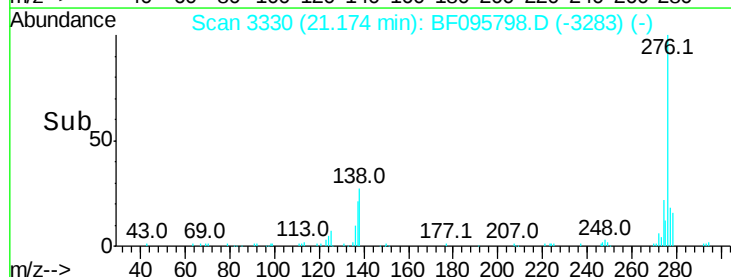
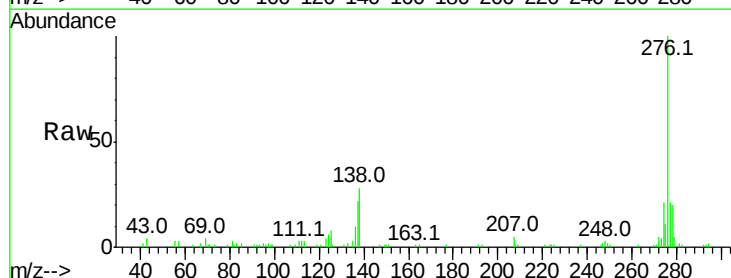
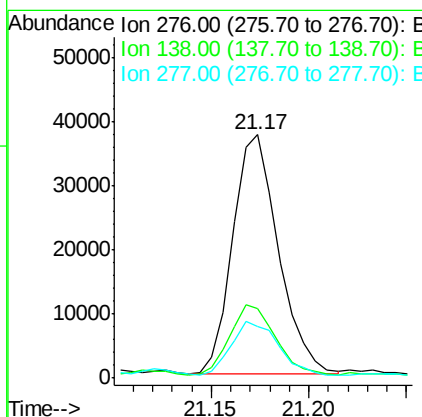
RT: 21.17 min Scan# 3330

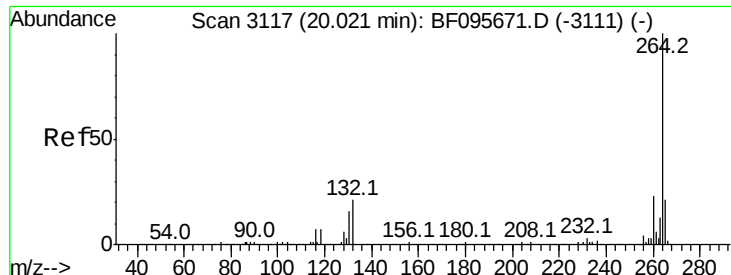
Delta R.T. -0.02 min

Lab File: BF095798.D

Acq: 8 Jun 2017 23:10

Tgt Ion:	276	Resp:	60723
Ion Ratio	Lower	Upper	
276	100		
138	29.7	27.8	41.6
277	24.6	20.2	30.4





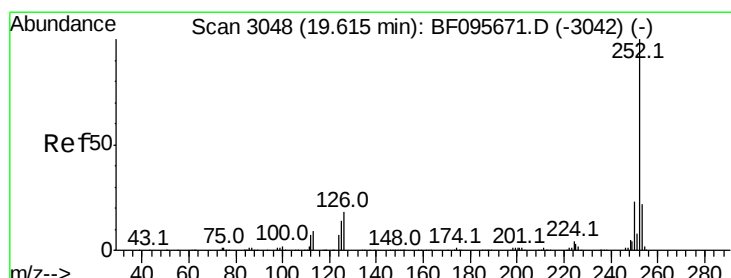
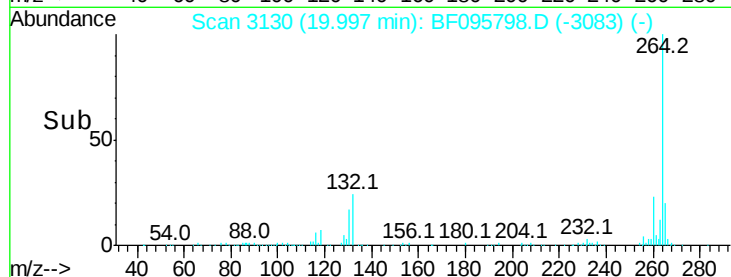
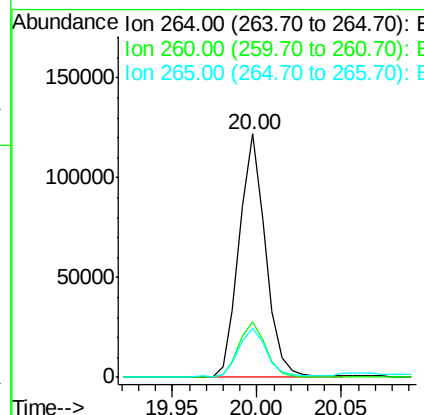
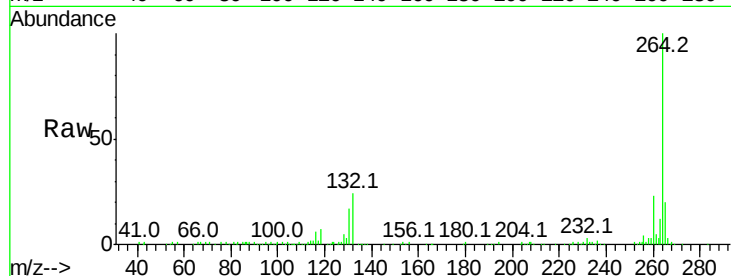
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Instrument :
BNA_F
ClientSampleId :
US-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.0	17.2	25.8

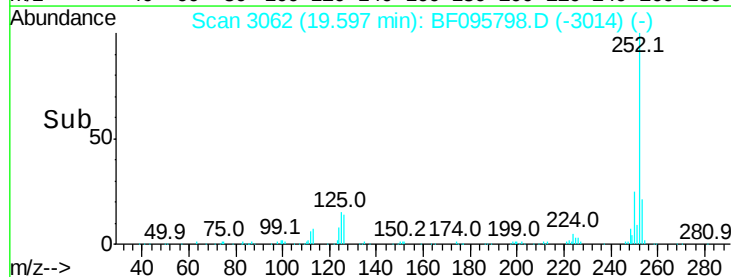
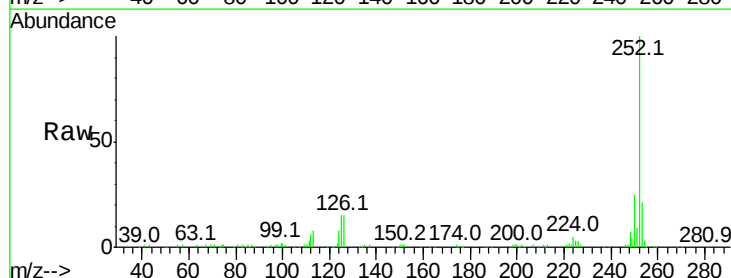
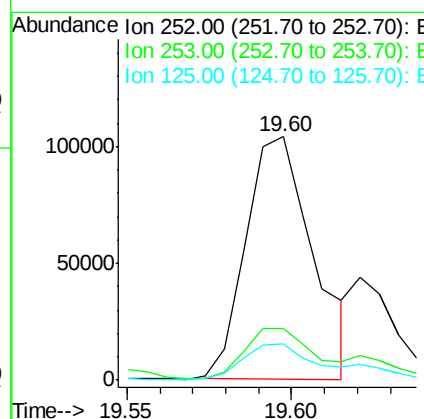
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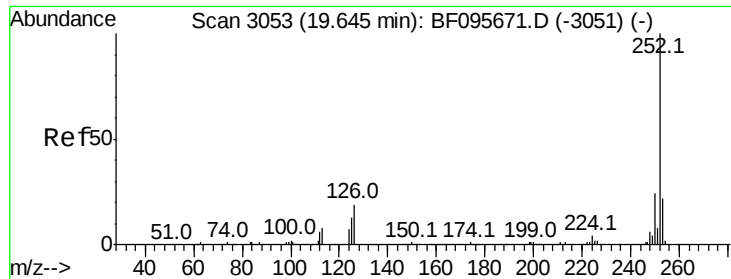
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#87
Benzo(b)fluoranthene
Concen: 17.49 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095798.D
Acq: 8 Jun 2017 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	15.1	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 4.92 ng m

RT: 19.62 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BF095798.D

Acq: 8 Jun 2017 23:10

Instrument :

BNA_F

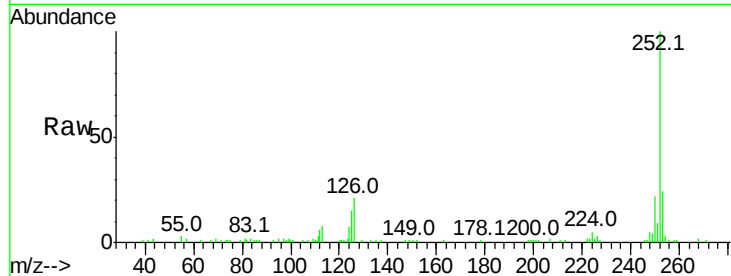
ClientSampled :

US-01

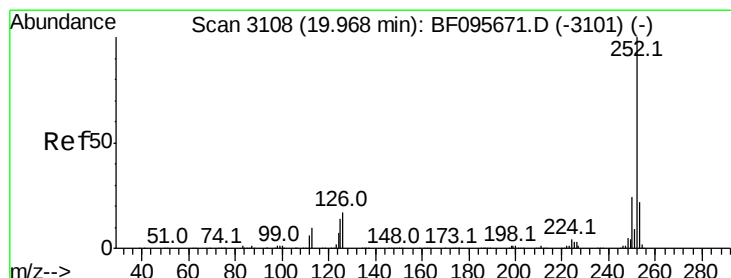
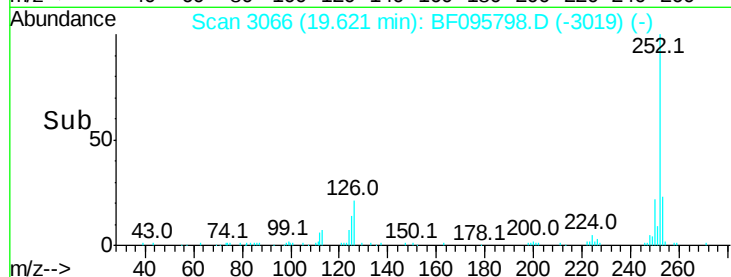
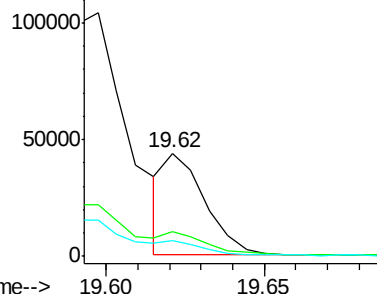
Tot Ion:	252	Resp:	39110
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.4	27.6
125	15.2	13.1	19.7

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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



#89

Benzo(a)pyrene

Concen: 14.23 ng

RT: 19.94 min Scan# 3121

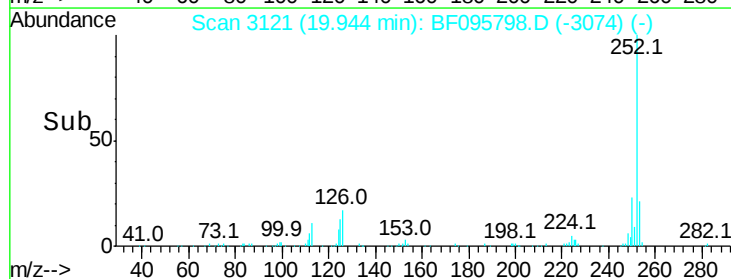
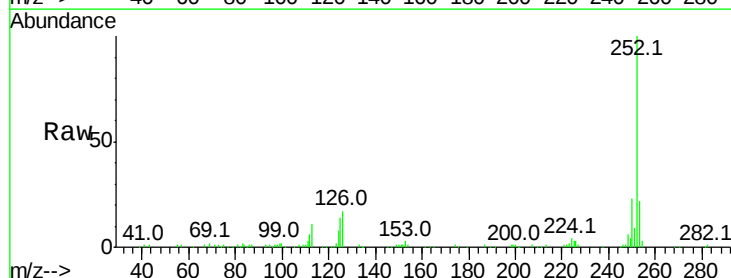
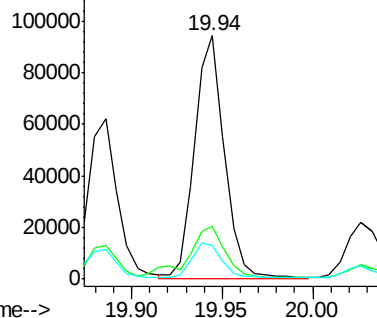
Delta R.T. -0.02 min

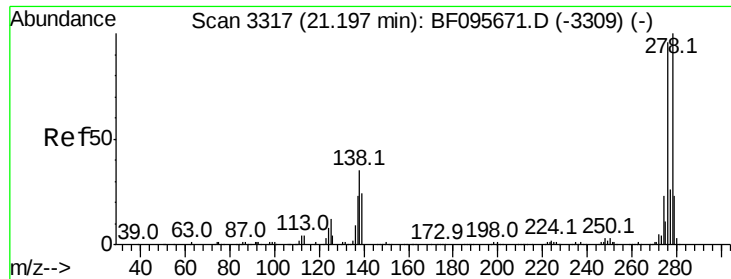
Lab File: BF095798.D

Acq: 8 Jun 2017 23:10

Tgt Ion:	252	Resp:	108774
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	13.7	11.0	16.4

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





#90

Dibenzo(a,h)anthracene

Concen: 2.04 ng/mL

RT: 21.17 min Scan# 3330

Delta R.T. -0.02 min

Lab File: BF095798.D

Acq: 8 Jun 2017 23:10

Instrument :

BNA_F

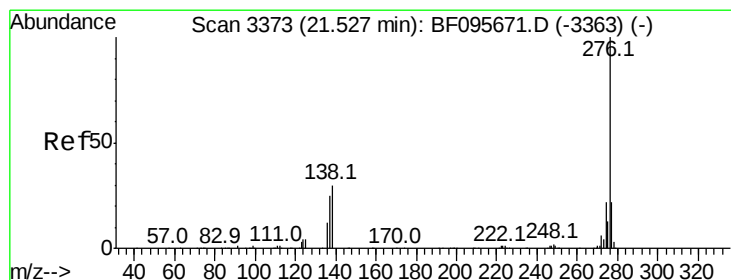
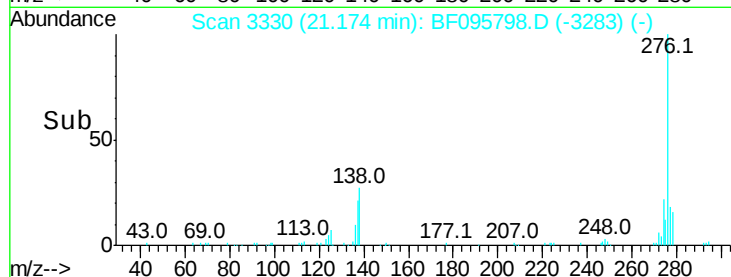
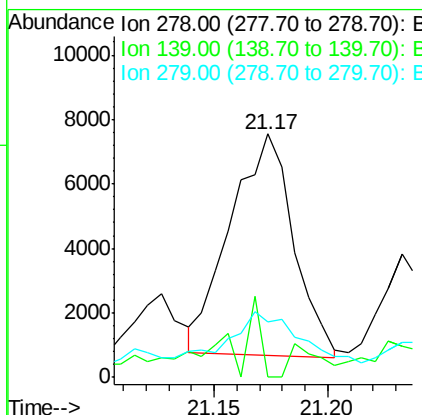
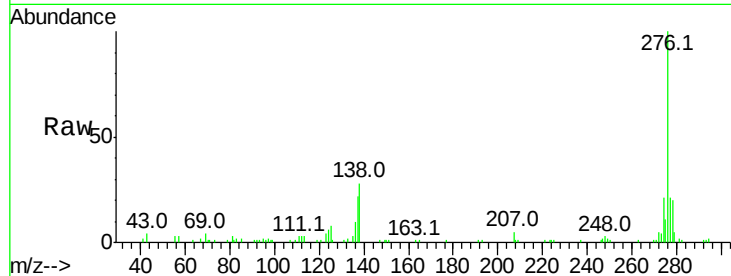
ClientSampled :

US-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8
279	22.7	19.3	28.9

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 9.33 ng/mL

RT: 21.50 min Scan# 3386

Delta R.T. -0.02 min

Lab File: BF095798.D

Acq: 8 Jun 2017 23:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	28.6	25.4	38.0

