

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115650.D
 Acq On : 18 Jul 2019 16:30
 Operator : HP/JU
 Sample : K3866-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488

Manual Integrations
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Quant Time: Jul 18 17:23:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	149877	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	580963	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	301400	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	606927	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	368151	20.00	ng	-0.02
87) Perylene-d12	15.50	264	397697	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1117161	121.92	ng	0.00
7) Phenol-d6	6.52	99	1454023	125.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	898671	89.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	405636	115.30	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1512961	87.86	ng	-0.01
79) Terphenyl-d14	12.99	244	1622674	81.33	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	207507	9.151	ng	98
71) Phenanthrene	11.42	178	85594	2.751	ng	96
75) Fluoranthene	12.61	202	774409	23.556	ng	98
78) Pyrene	12.84	202	913878	29.299	ng	97
81) Benzo(a)anthracene	14.02	228	347840	14.342	ng	97
83) Chrysene	14.06	228	1077481	44.254	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	86207	4.168	ng	100
88) Benzo(b)fluoranthene	15.07	252	326197m	12.738	ng	
89) Benzo(k)fluoranthene	15.10	252	123840m	5.424	ng	
90) Benzo(a)pyrene	15.43	252	183007	8.315	ng	99
92) Benzo(g,h,i)perylene	17.40	276	70701	3.669	ng	96

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

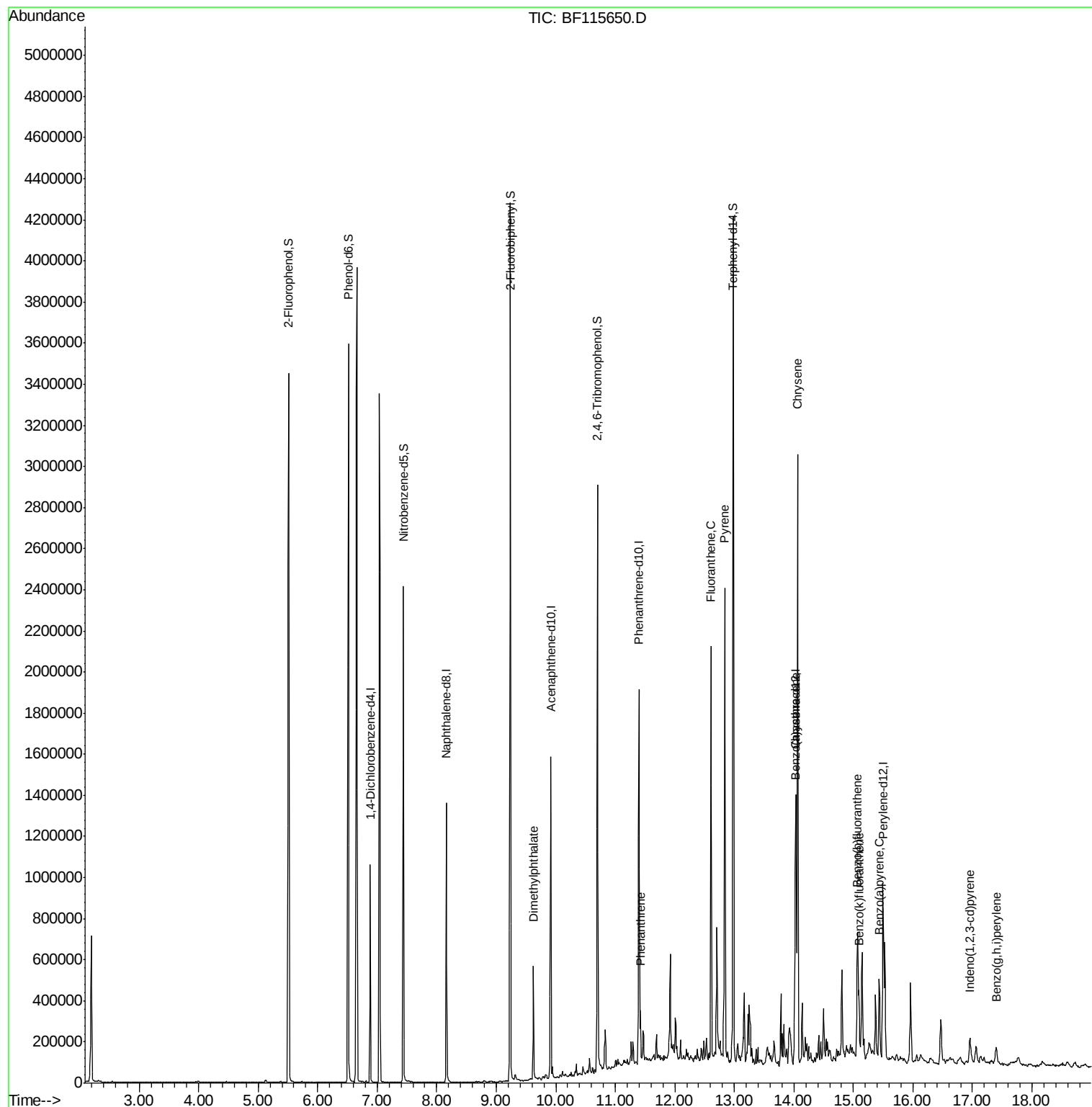
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115650.D
Acq On : 18 Jul 2019 16:30
Operator : HP/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

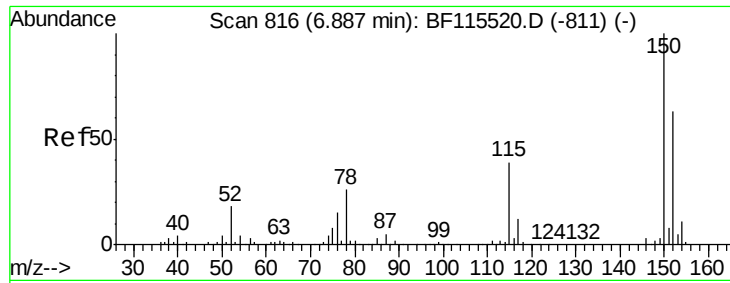
Instrument :
BNA_F
ClientSampleId :
RT-1488

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Quant Time: Jul 18 17:23:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





#1

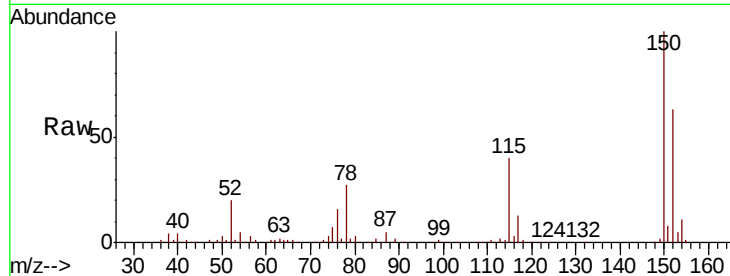
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Instrument :
BNA_F
ClientSampleId :
RT-1488

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	129.7	194.5
115	63.6	48.2	72.4

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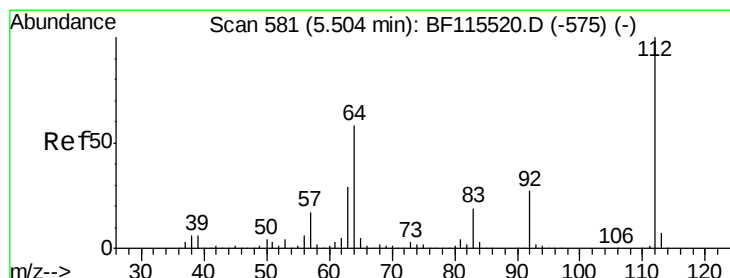
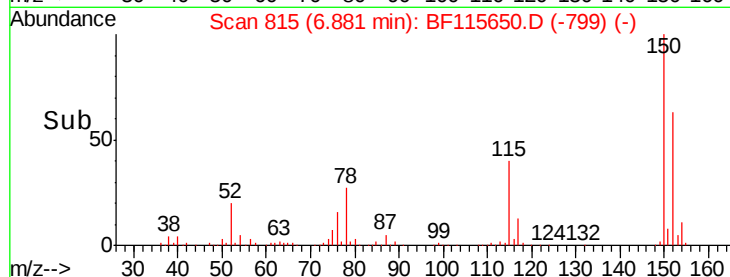
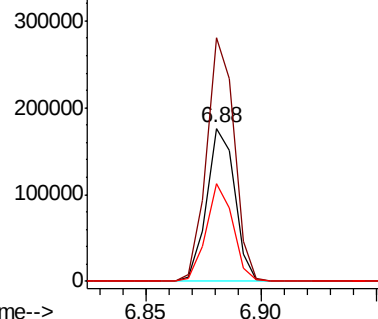


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

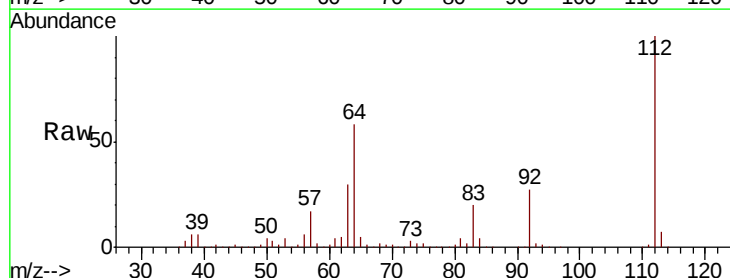
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.923 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.8	70.2
63	30.1	24.1	36.1

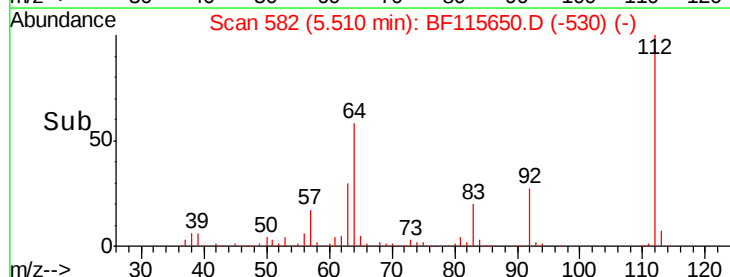
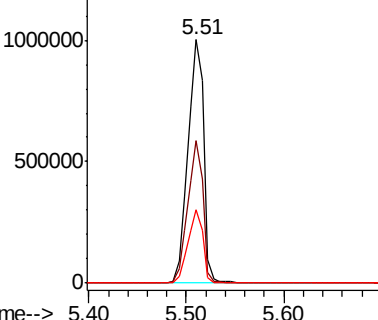


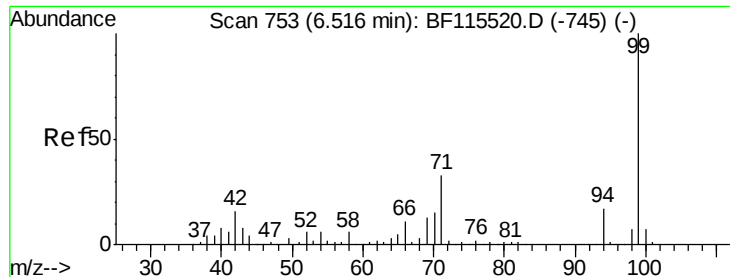
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 125.061 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115650.D

Acq: 18 Jul 2019 16:30

Instrument :

BNA_F

ClientSampleId :

RT-1488

Tot Ion: 99 Resp: 1454023

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

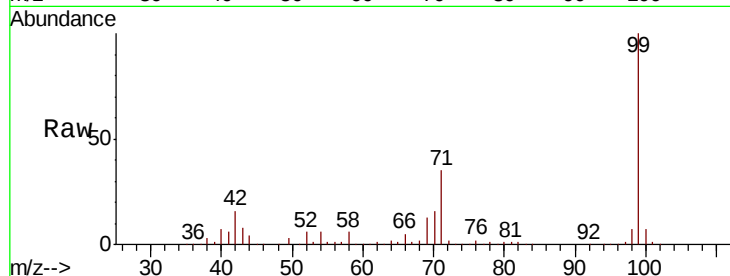
71 34.6 28.5 42.7

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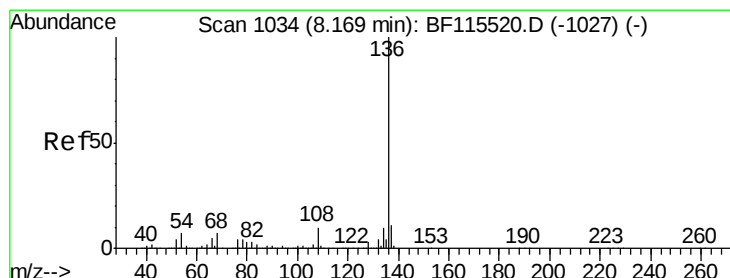
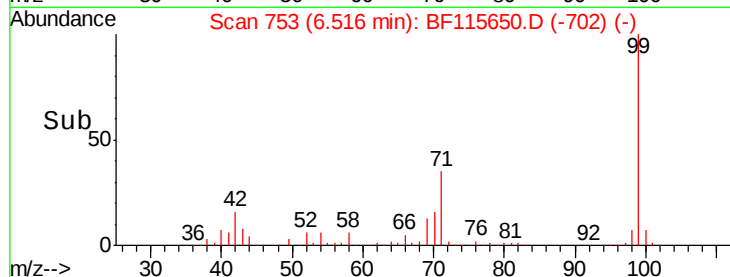
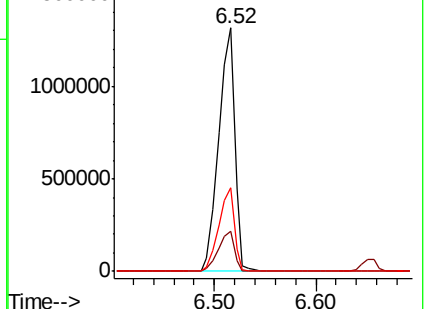
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115650.D

Acq: 18 Jul 2019 16:30

Tgt Ion: 136 Resp: 580963

Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.8 5.6 8.4

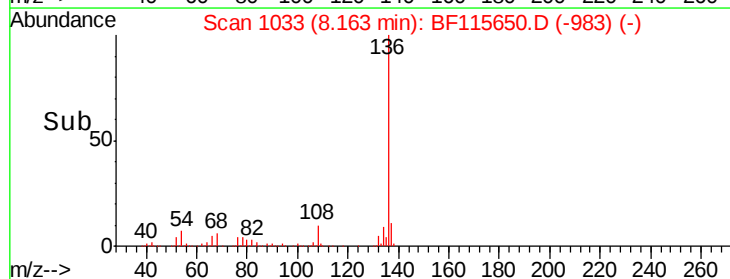
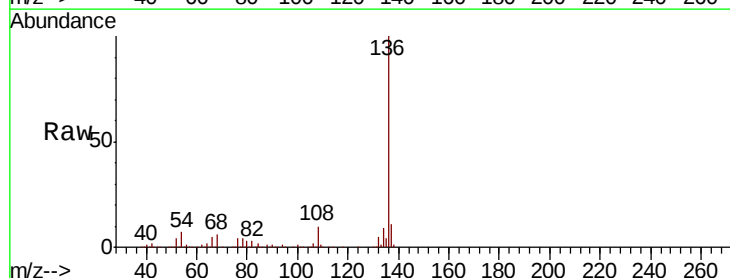
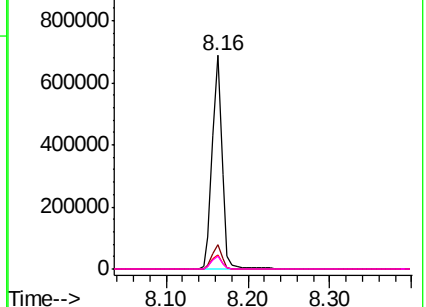
68 6.2 5.0 7.6

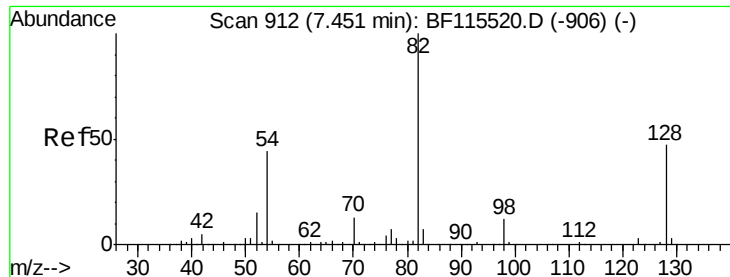
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





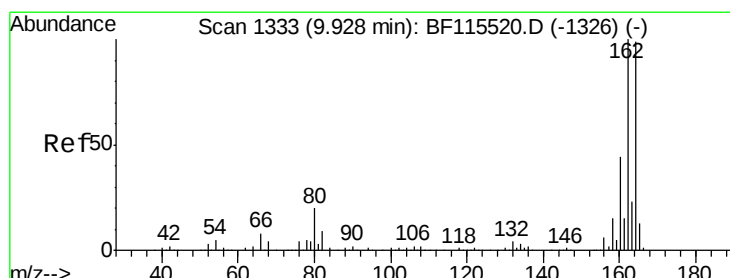
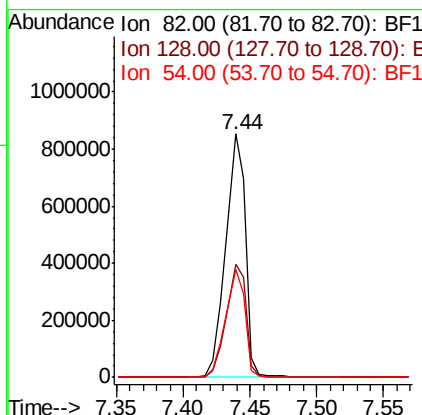
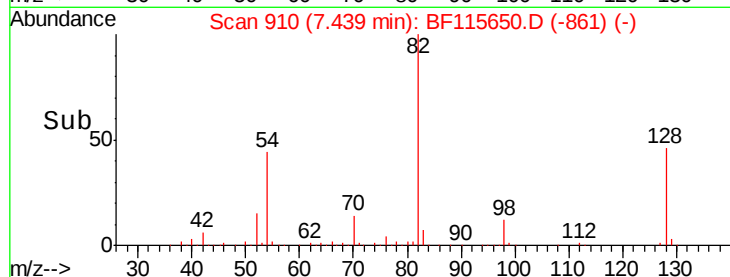
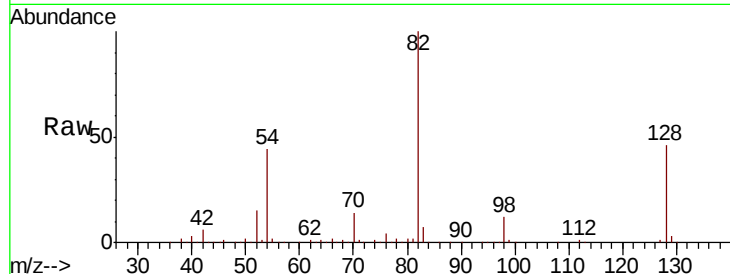
#23
Nitrobenzene-d5
Concen: 89.945 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Instrument :
BNA_F
ClientSampled :
RT-1488

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.6	57.8
54	44.2	35.6	53.4

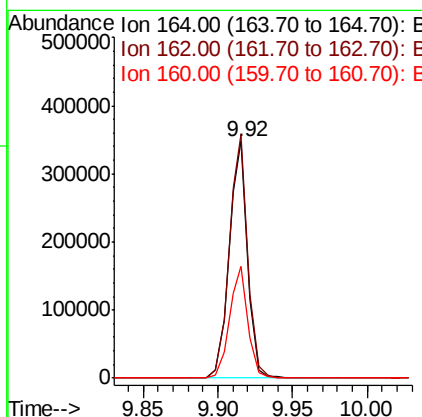
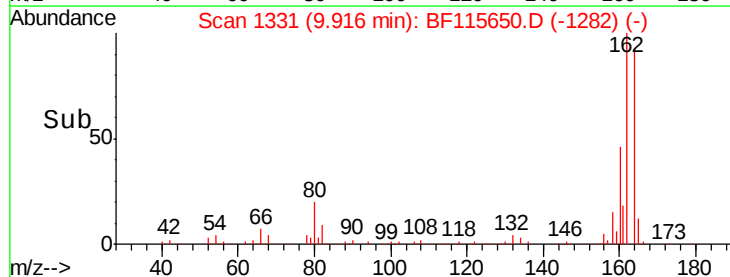
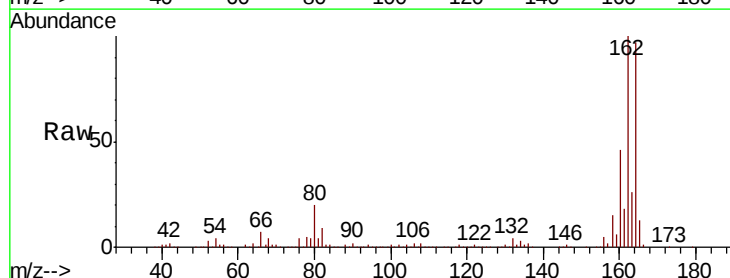
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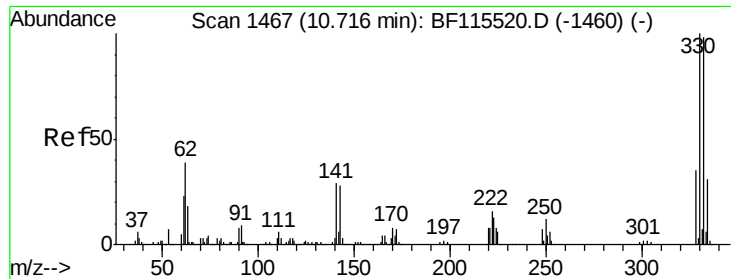
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.9	124.3
160	46.9	36.8	55.2





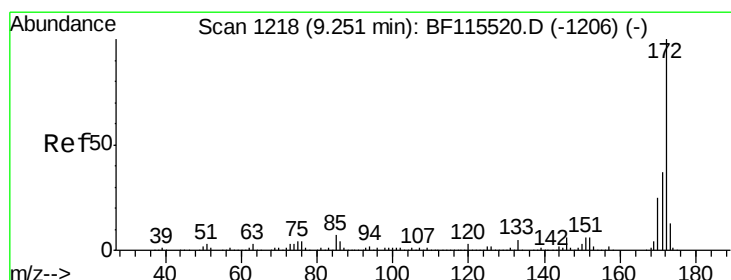
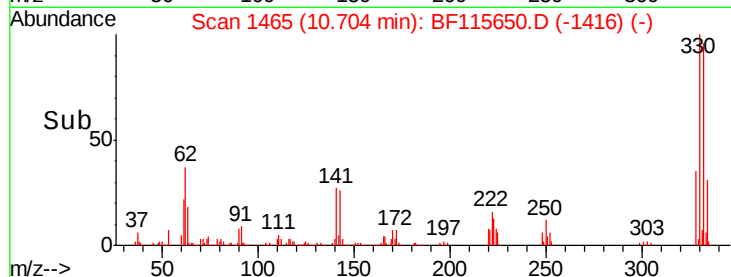
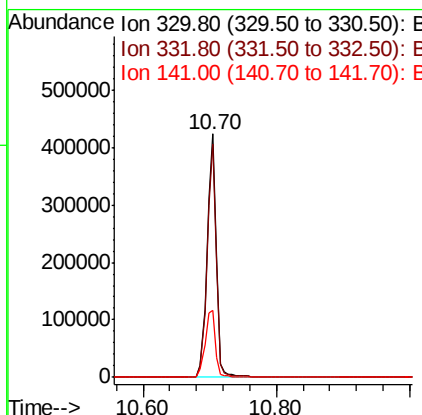
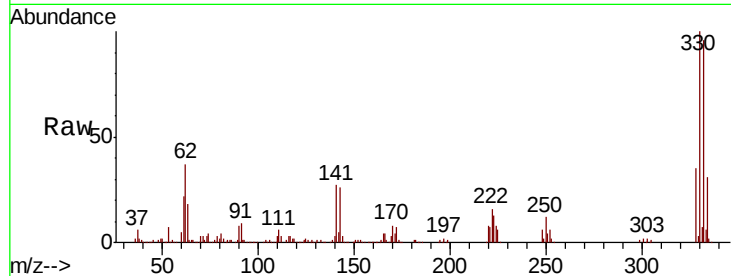
#42
 2,4,6-Tribromophenol
 Concen: 115.301 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115650.D
 Acq: 18 Jul 2019 16:30

Instrument :
 BNA_F
 ClientSampled :
 RT-1488

Tot Ion	Ratio	Resp	Lower	Upper
330	100	405636		
332	95.4	77.4	116.2	
141	31.2	22.4	33.6	

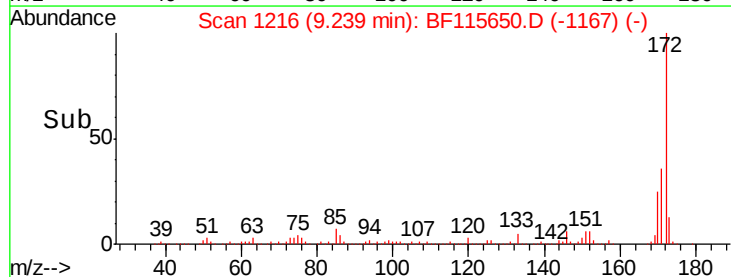
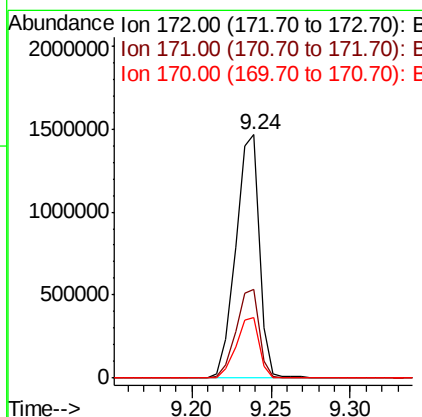
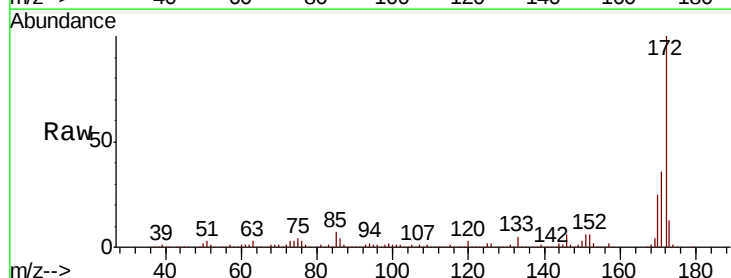
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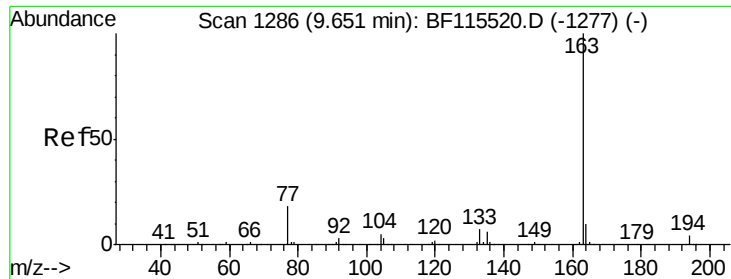
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#45
 2-Fluorobiphenyl
 Concen: 87.860 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115650.D
 Acq: 18 Jul 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1512961		
171	36.3	30.6	46.0	
170	25.0	20.5	30.7	





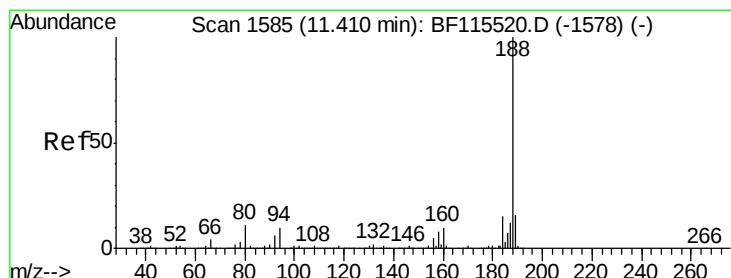
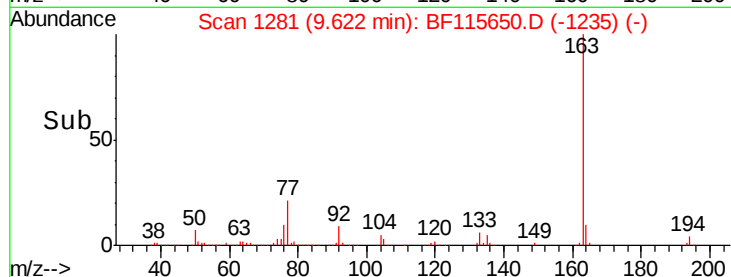
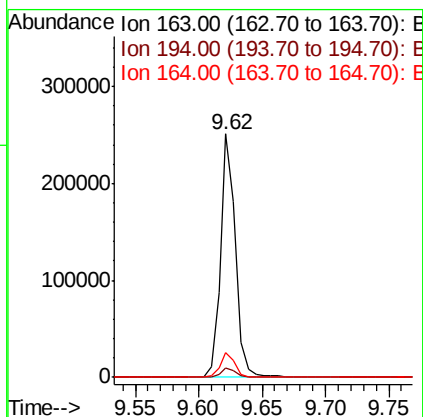
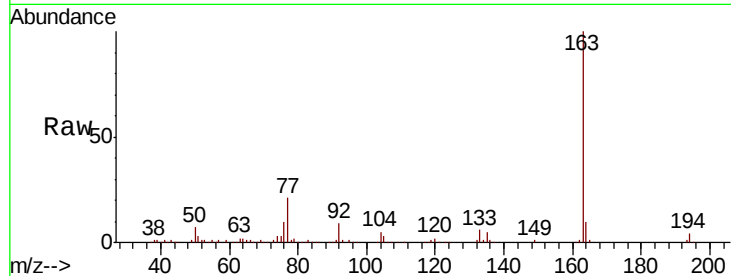
#50
Dimethylphthalate
Concen: 9.151 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Instrument :
BNA_F
ClientSampleId :
RT-1488

Tot Ion	Ratio	Resp	Lower	Upper
163	100	207507		
194	3.8		3.3	4.9
164	10.2		8.7	13.1

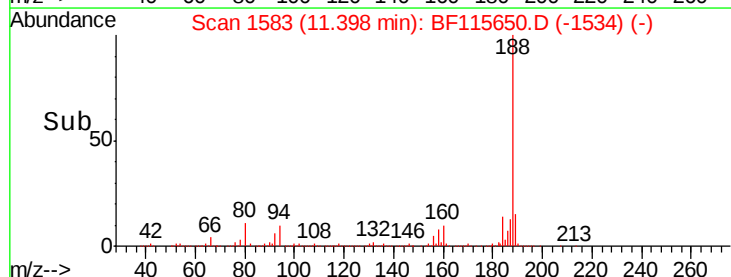
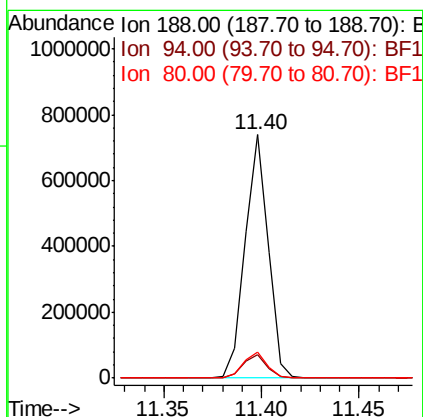
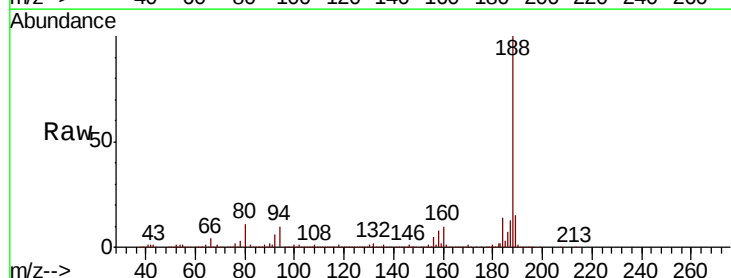
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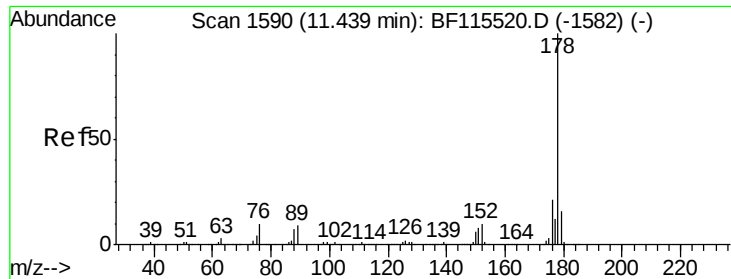
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	606927		
94	9.9		7.8	11.6
80	10.7		8.6	13.0





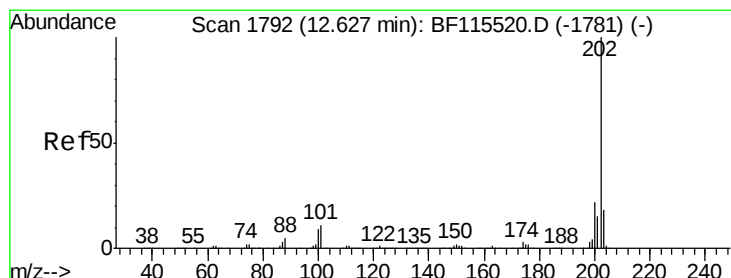
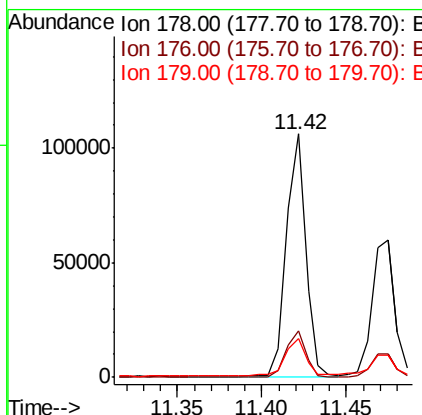
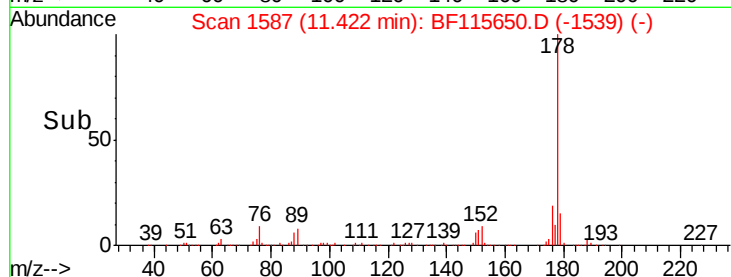
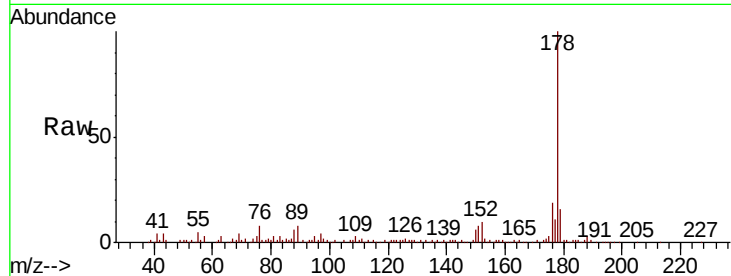
#71
Phenanthrene
Concen: 2.751 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Instrument :
BNA_F
ClientSampled :
RT-1488

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.2	25.8
179	16.0	13.5	20.3

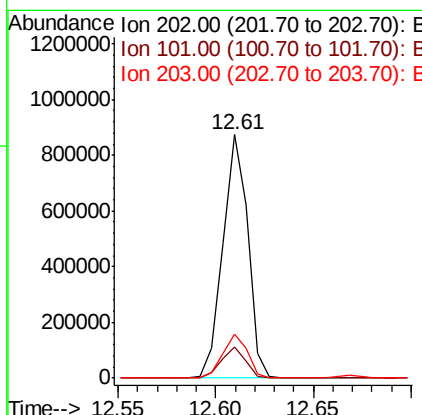
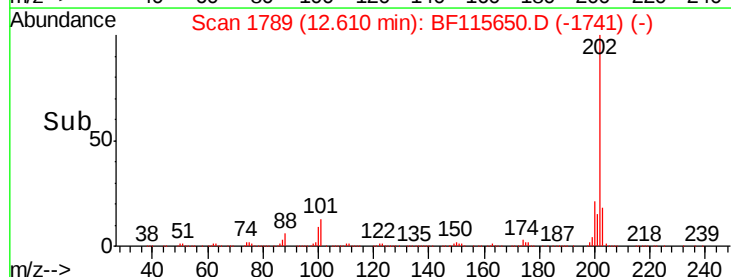
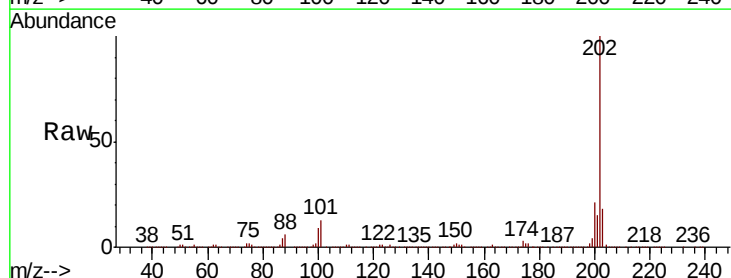
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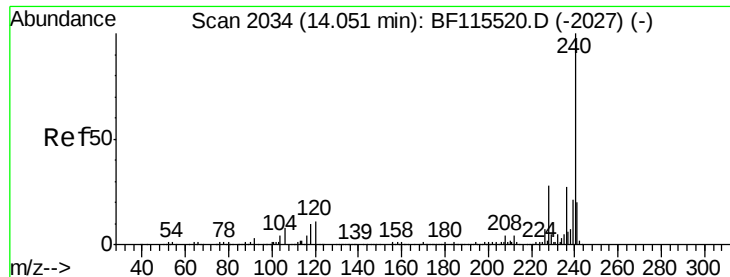
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#75
Fluoranthene
Concen: 23.556 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.4
203	17.8	0.0	38.1





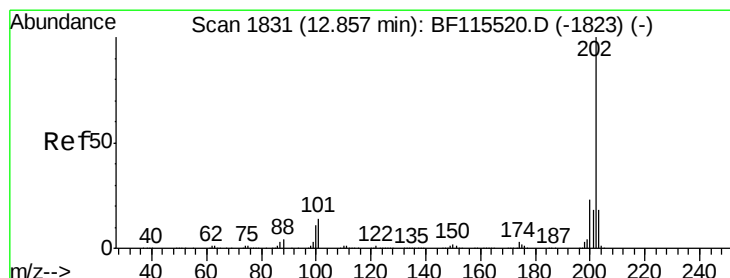
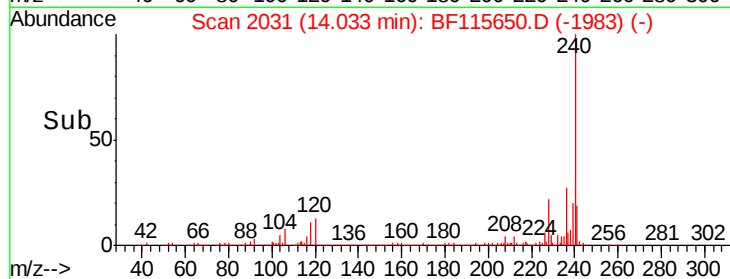
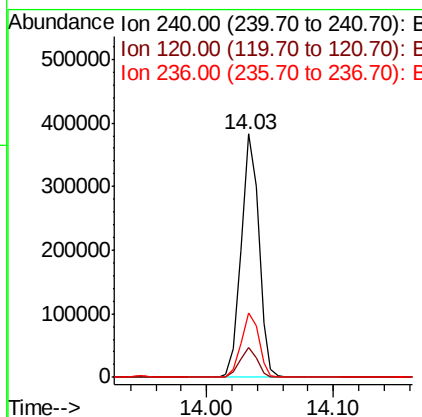
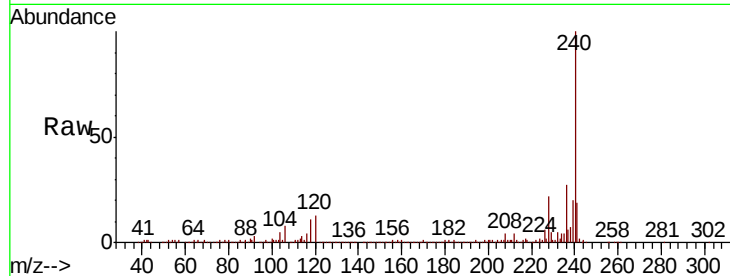
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115650.D
 Acq: 18 Jul 2019 16:30

Instrument :
 BNA_F
 ClientSampled :
 RT-1488

Tot Ion	Ratio	Resp	Lower	Upper
240	100	368151		
120	12.5	8.6	13.0	
236	26.7	21.3	31.9	

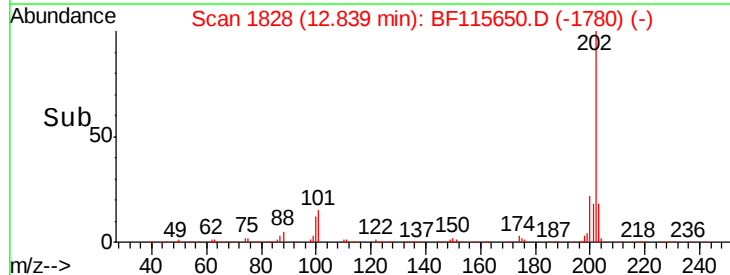
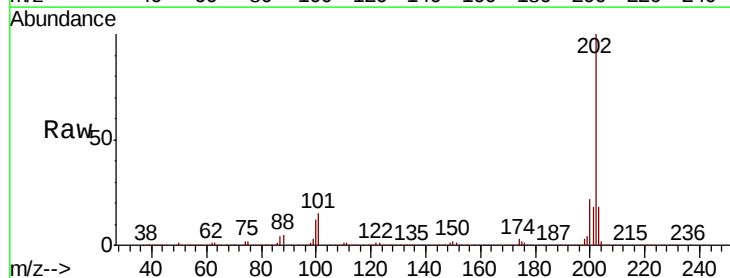
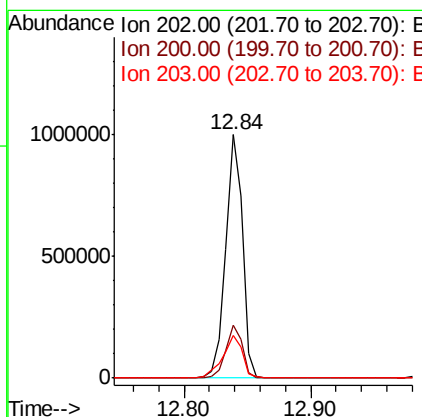
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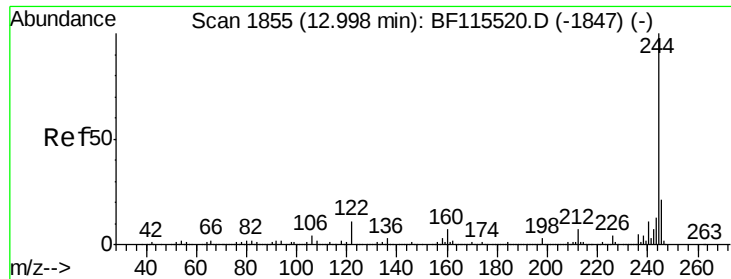
mohammad
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#78
 Pyrene
 Concen: 29.299 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF115650.D
 Acq: 18 Jul 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	913878		
200	21.7	18.7	28.1	
203	17.7	15.2	22.8	





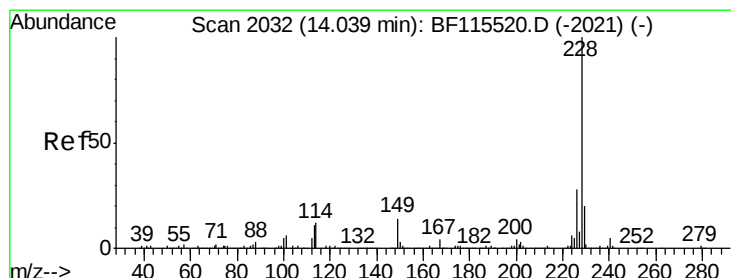
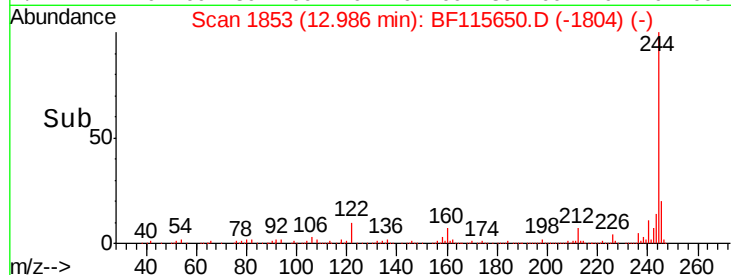
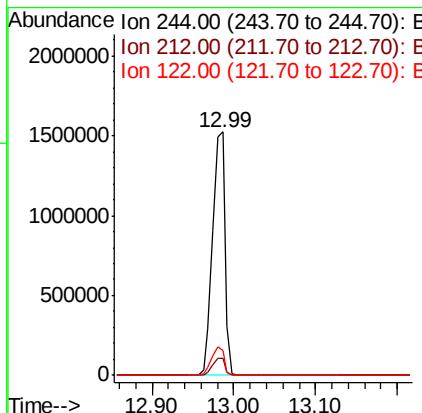
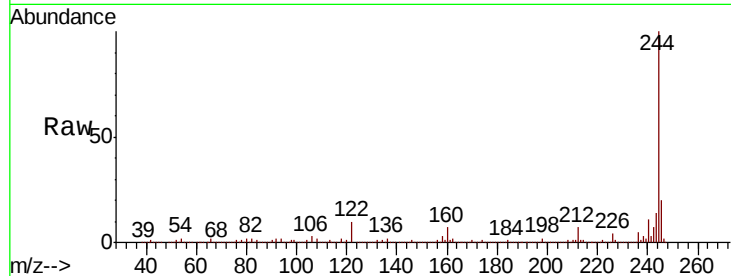
#79
 Terphenyl-d14
 Concen: 81.328 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115650.D
 Acq: 18 Jul 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.3	8.6	12.8

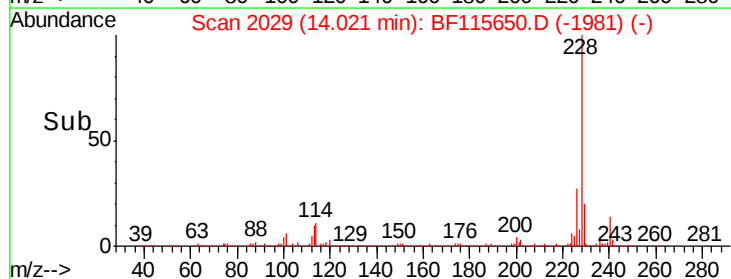
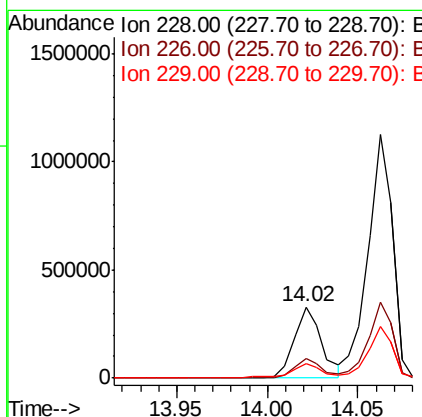
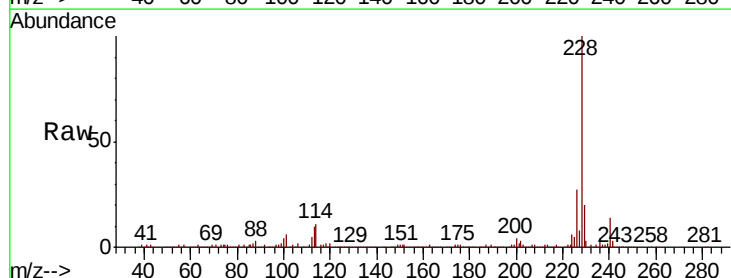
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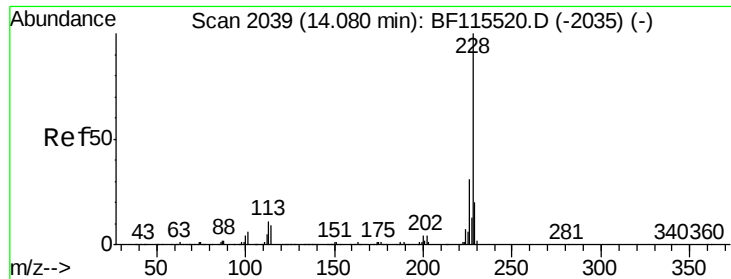
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#81
 Benzo(a)anthracene
 Concen: 14.342 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF115650.D
 Acq: 18 Jul 2019 16:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.0
229	20.3	17.2	25.8





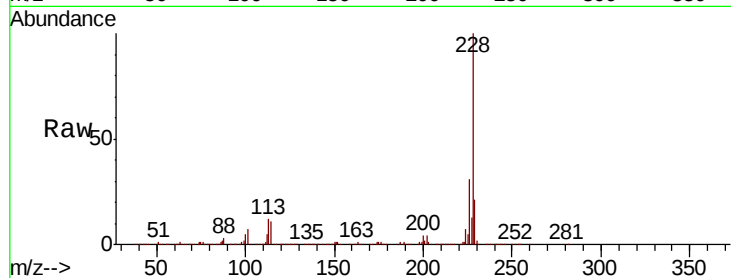
#83
Chrysene
Concen: 44.254 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Instrument :
BNA_F
ClientSampleId :
RT-1488

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.9	16.6	25.0

Manual Integrations
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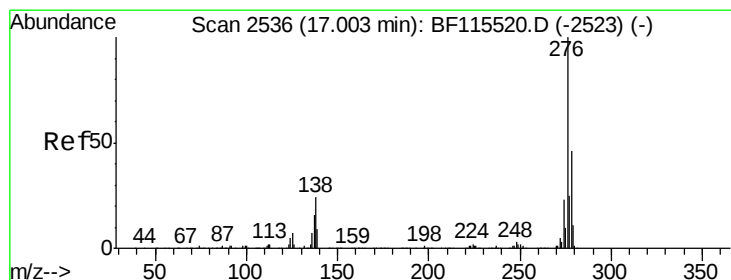
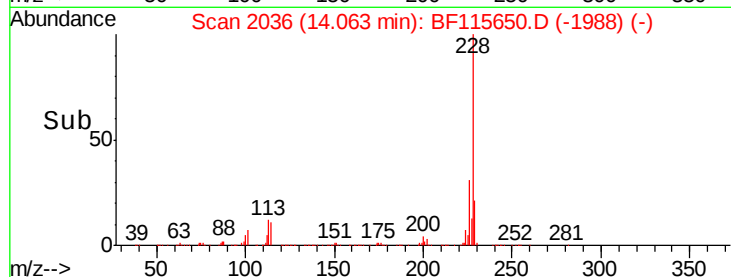
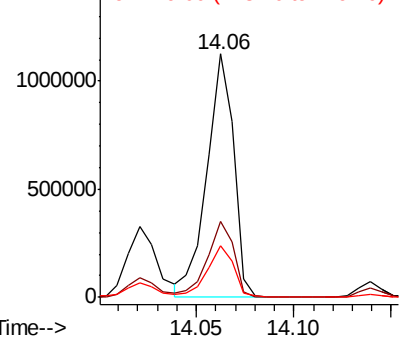


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.168 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.05 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

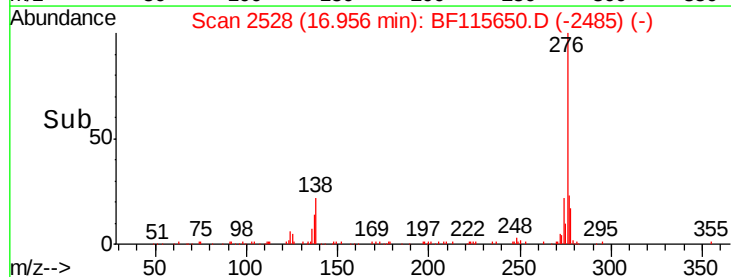
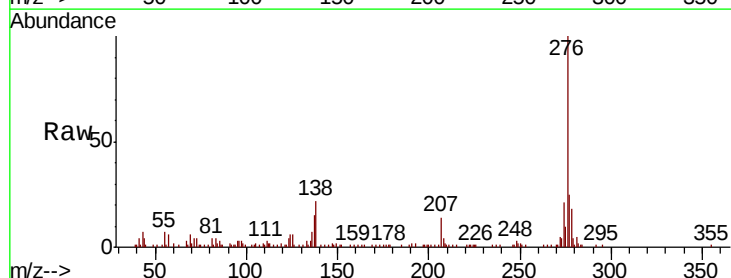
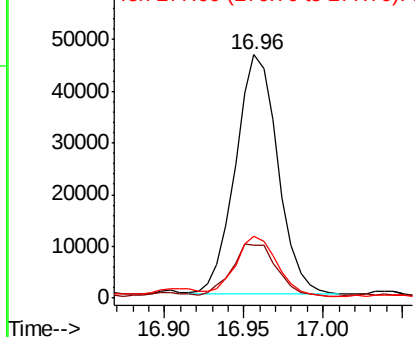
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.2	30.2
277	25.5	20.4	30.6

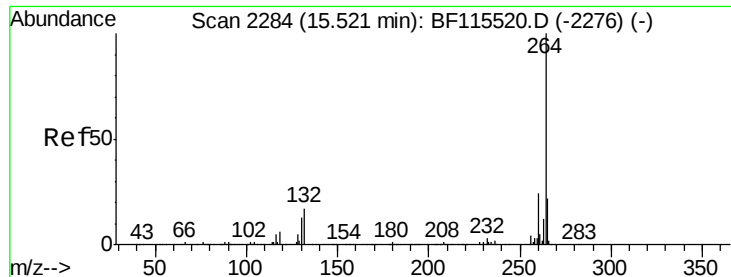
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





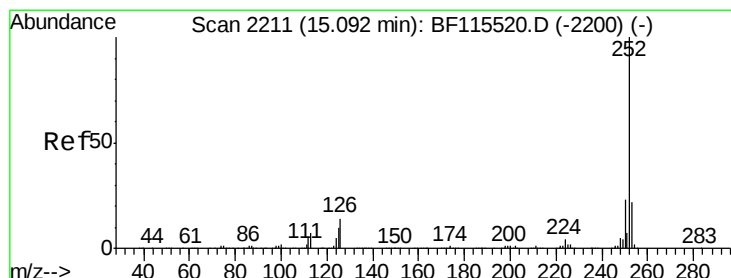
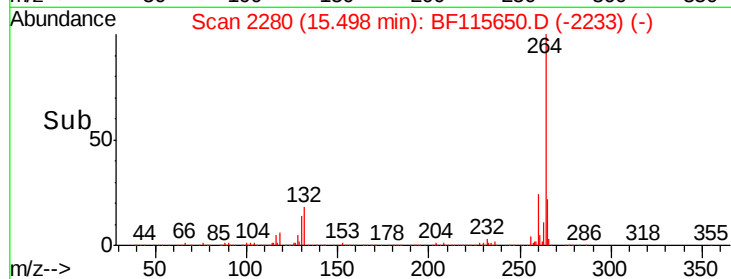
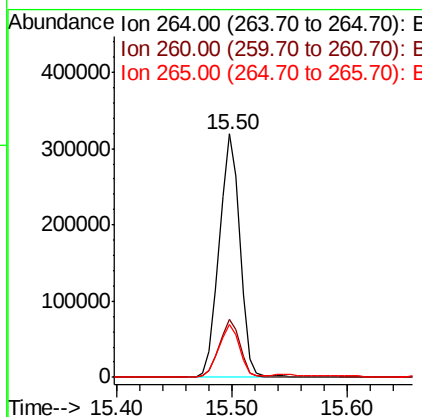
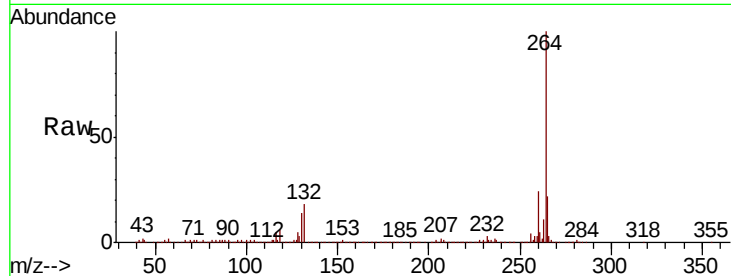
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Instrument :
BNA_F
ClientSampleId :
RT-1488

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.8
265	21.9	17.7	26.5

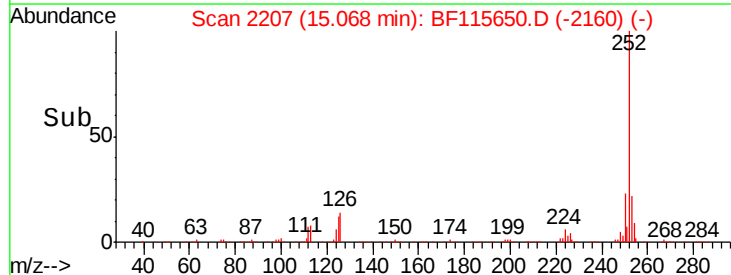
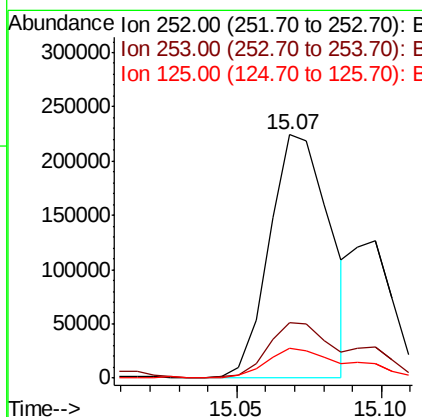
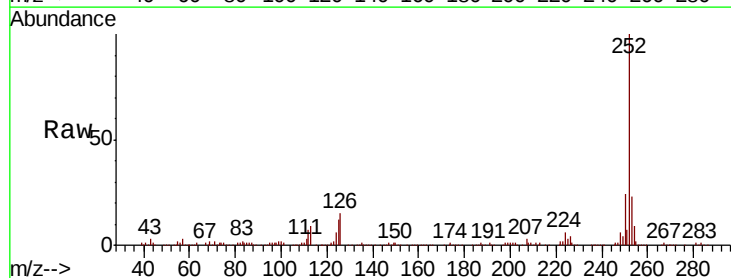
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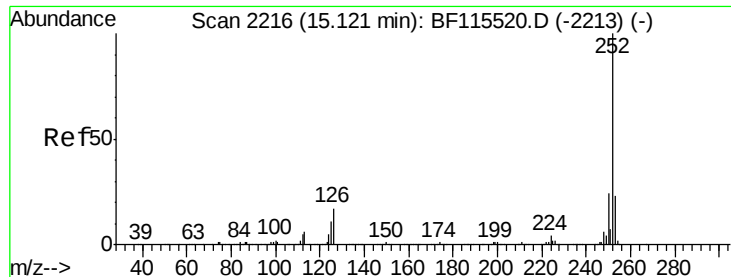
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#88
Benzo(b)fluoranthene
Concen: 12.738 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.4	9.0	13.4





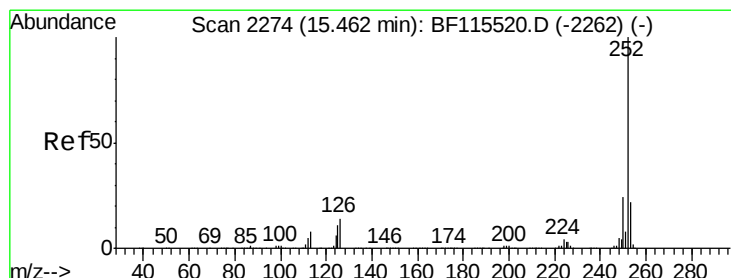
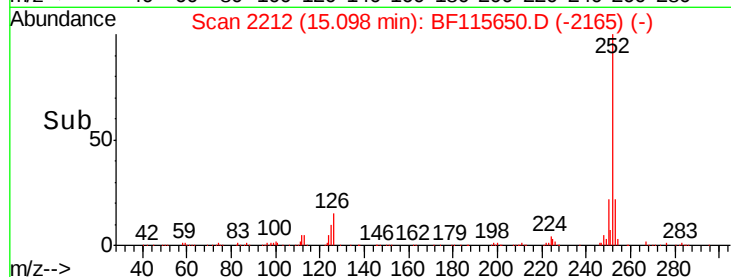
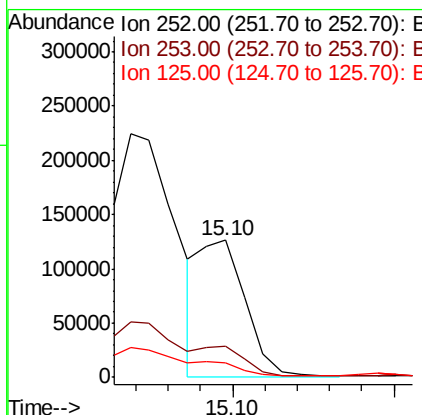
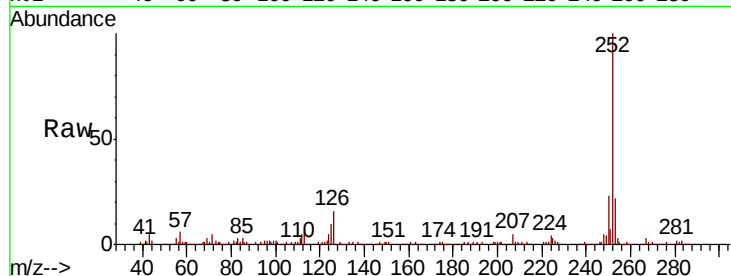
#89
Benzo(k)fluoranthene
Concen: 5.424 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Instrument :
BNA_F
ClientSampleId :
RT-1488

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	10.5	9.0	13.6

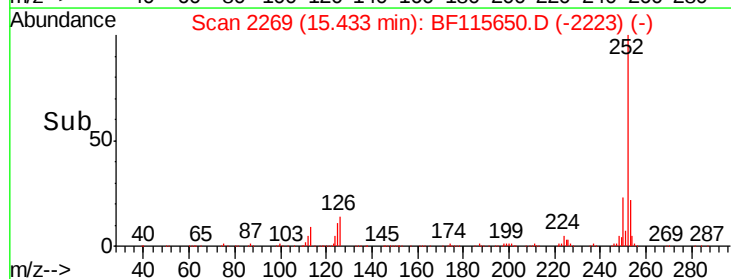
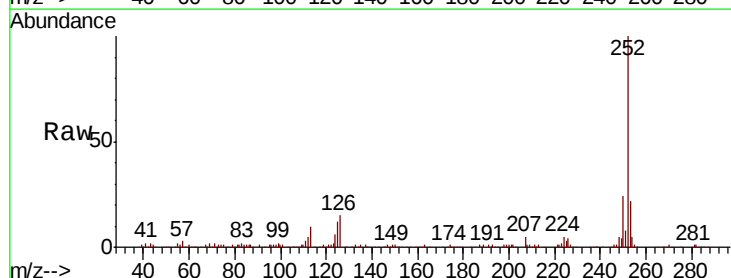
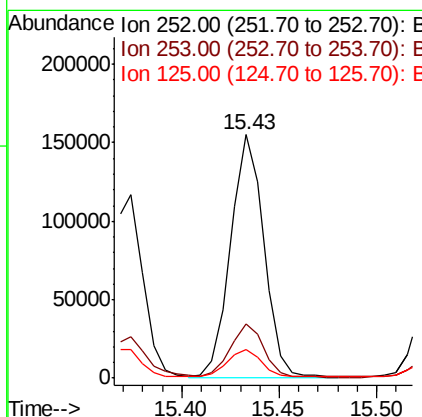
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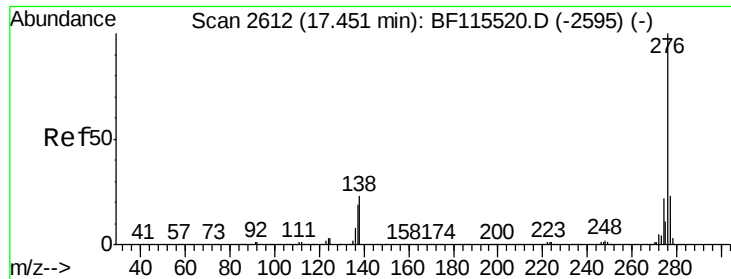
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#90
Benzo(a)pyrene
Concen: 8.315 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.03 min
Lab File: BF115650.D
Acq: 18 Jul 2019 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.0	9.1	13.7





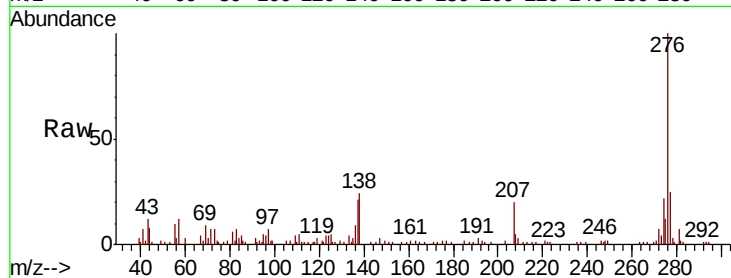
#92
 Benzo(a,h,i)perylene
 Concen: 3.669 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. -0.05 min
 Lab File: BF115650.D
 Acq: 18 Jul 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488

Tot Ion:	276	Resp:	70701
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.0	28.4
138	24.2	17.2	25.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

