

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115633.D
 Acq On : 17 Jul 2019 20:19
 Operator : HP/JU
 Sample : K3835-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jul 18 05:56:05 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	207612	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	801972	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	355054	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	578459	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	372433	20.00	ng	-0.02
87) Perylene-d12	15.50	264	421222	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1159438	91.35	ng	0.00
7) Phenol-d6	6.52	99	1540682	95.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	951602	69.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	354008	85.42	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1635368	80.62	ng	-0.02
79) Terphenyl-d14	12.98	244	1316609	65.23	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	421853	15.792	ng	99
71) Phenanthrene	11.42	178	137014	4.621	ng	94
75) Fluoranthene	12.60	202	374279	11.945	ng	99
78) Pyrene	12.83	202	331404	10.503	ng	96
81) Benzo(a)anthracene	14.02	228	211818m	8.633	ng	
83) Chrysene	14.05	228	211070	8.569	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	111891	5.347	ng	95
88) Benzo(b)fluoranthene	15.07	252	334685m	12.339	ng	
89) Benzo(k)fluoranthene	15.09	252	91395m	3.779	ng	
90) Benzo(a)pyrene	15.43	252	206052	8.839	ng	99
92) Benzo(g,h,i)perylene	17.40	276	97590	4.781	ng	99

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

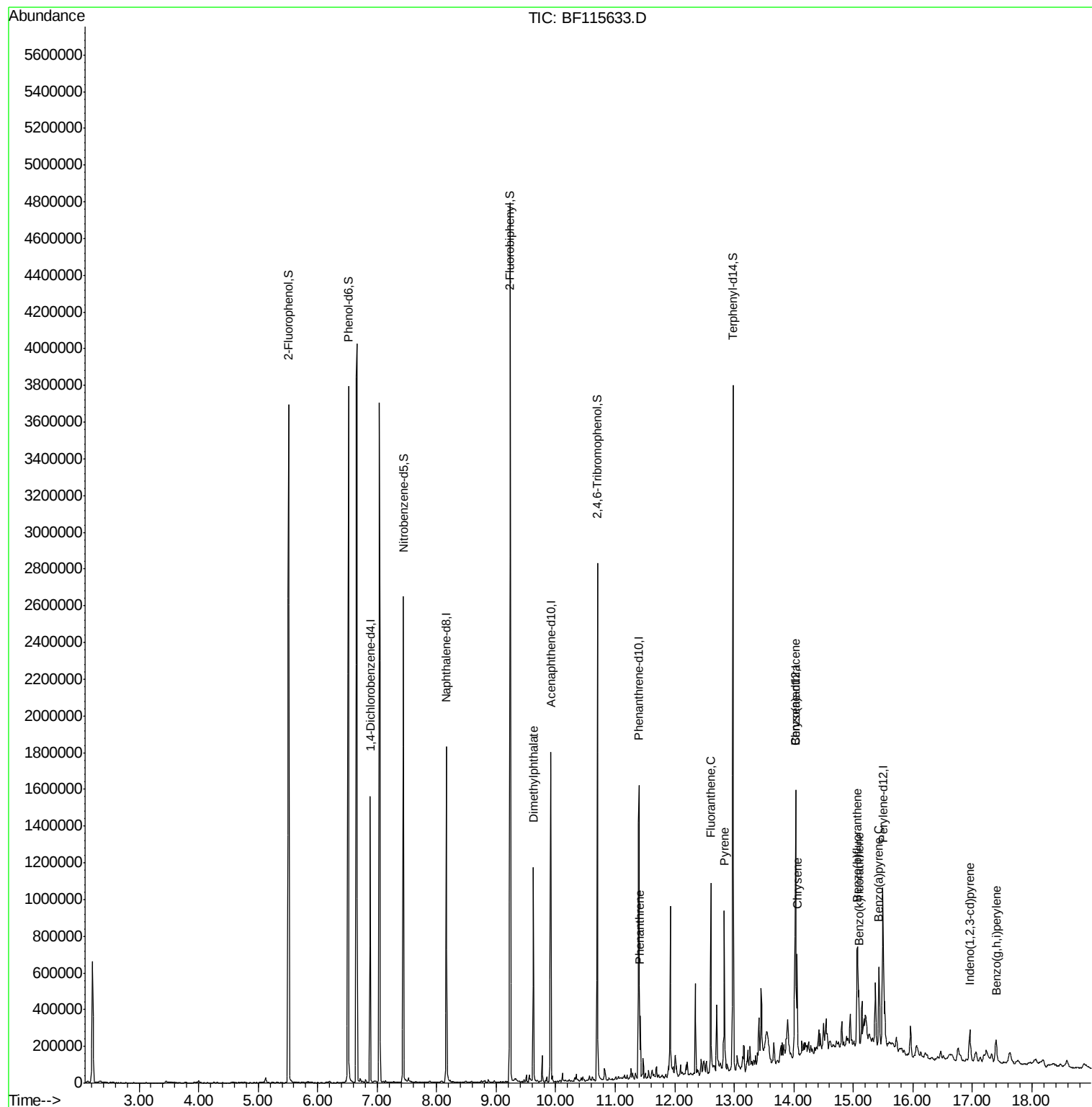
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115633.D
Acq On : 17 Jul 2019 20:19
Operator : HP/JU
Sample : K3835-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

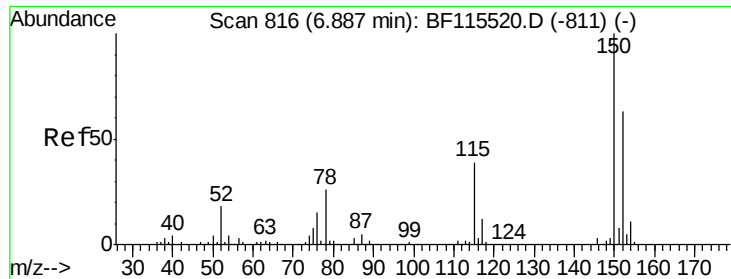
Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Manual Integrations
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Quant Time: Jul 18 05:56:05 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

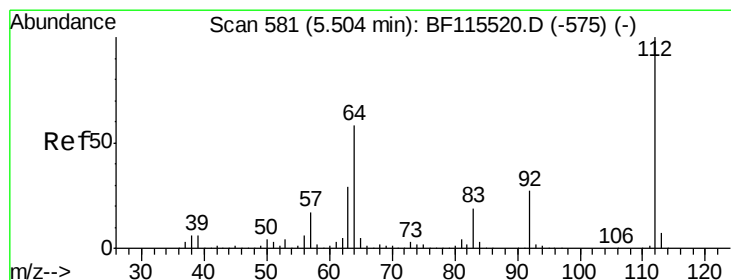
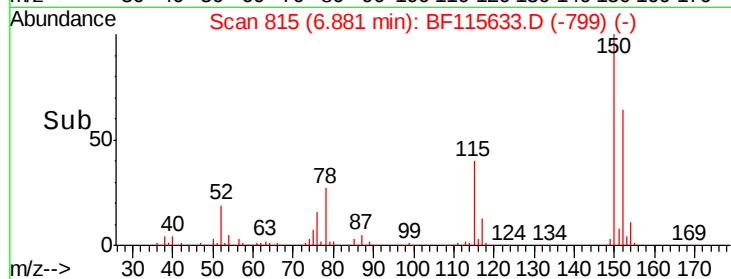
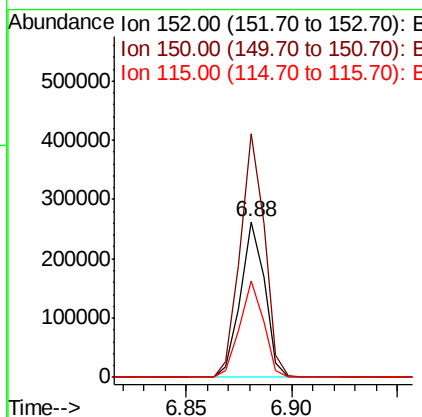
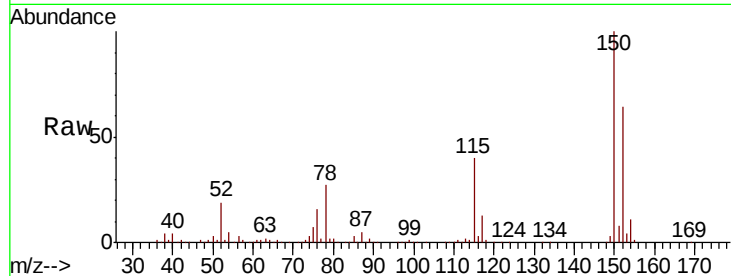
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

Instrument :
BNA_F
ClientSampled :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	129.7	194.5
115	62.1	48.2	72.4

Manual Integrations
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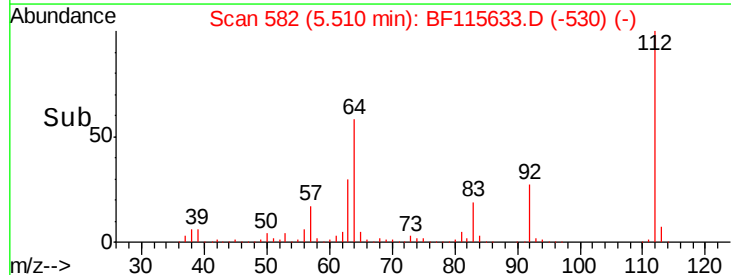
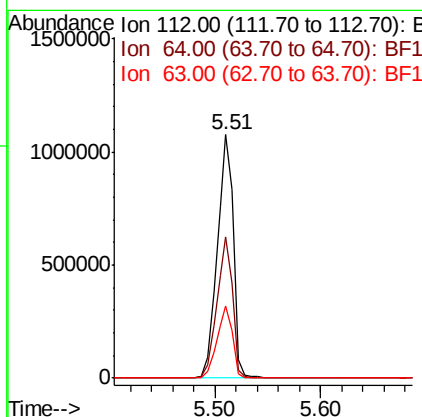
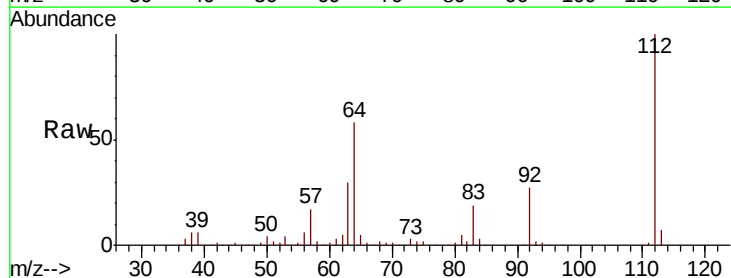
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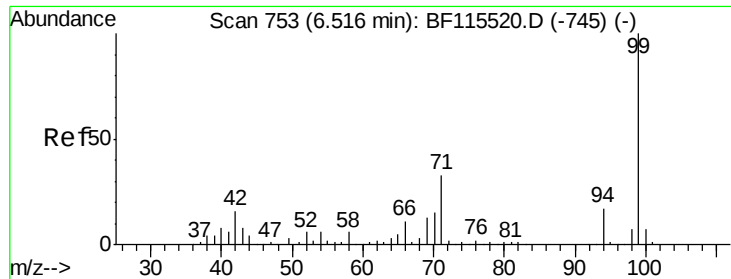


#5

2-Fluorophenol
Concen: 91.348 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.8	70.2
63	29.8	24.1	36.1





#7

Phenol-d6

Concen: 95.663 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115633.D

Acq: 17 Jul 2019 20:19

Instrument :

BNA_F

ClientSampleId :

SB-1(0-2)

Tot Ion: 99 Resp: 1540682

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

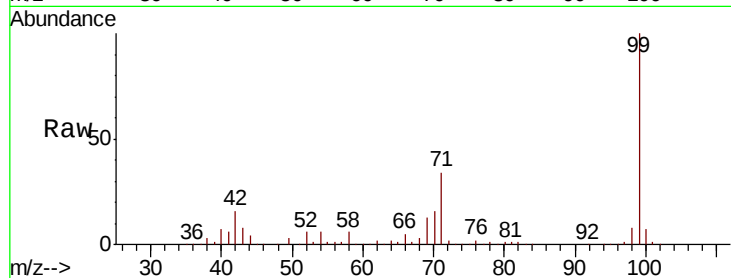
71 34.3 28.5 42.7

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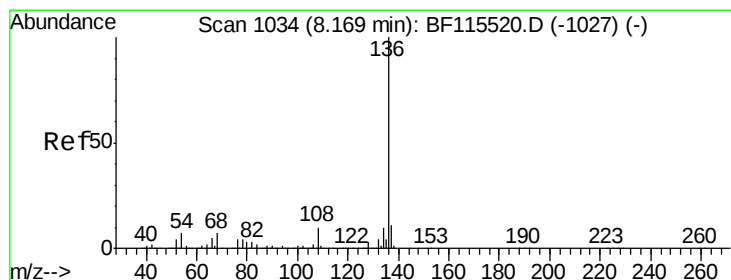
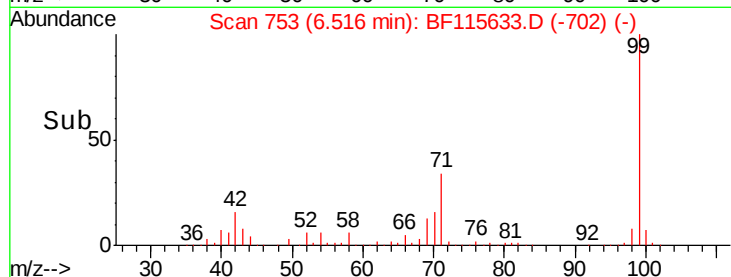
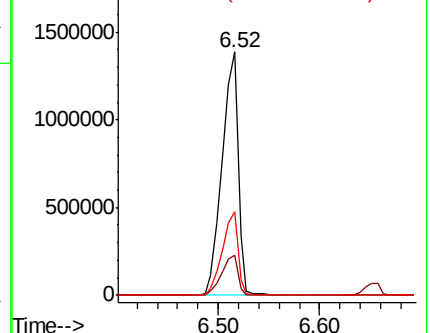
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF115633.D

Acq: 17 Jul 2019 20:19

Tgt Ion: 136 Resp: 801972

Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.6 8.4

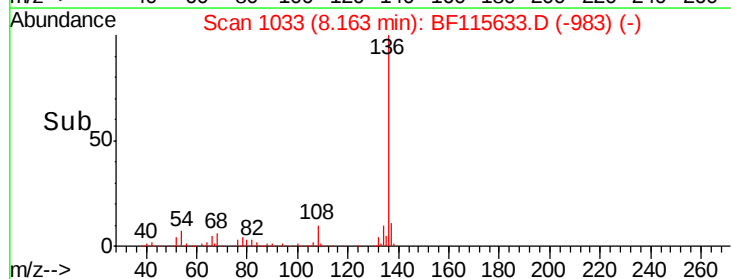
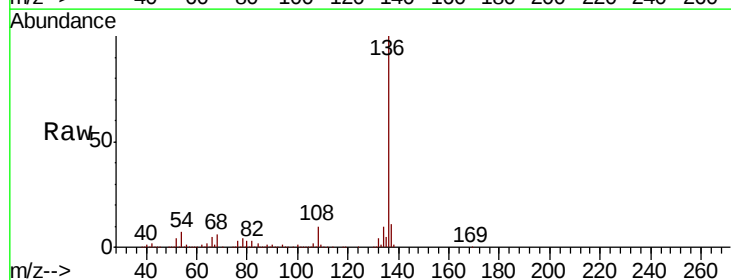
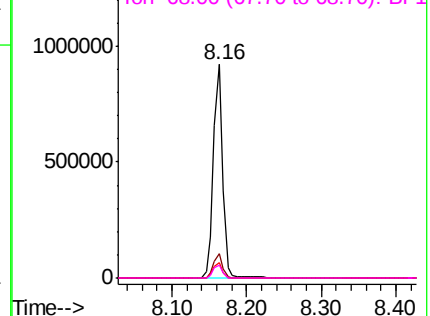
68 6.1 5.0 7.6

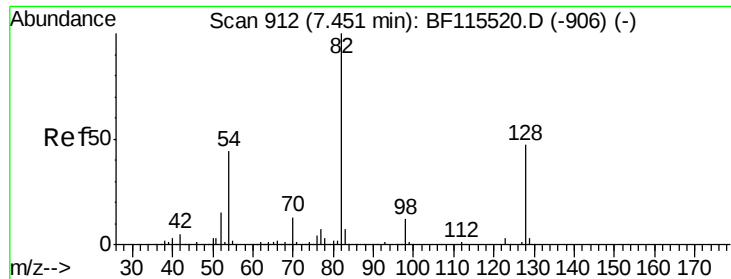
Abundance Ion 136.00 (135.70 to 136.70): E

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





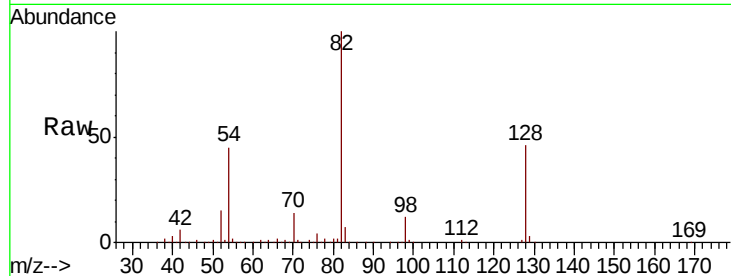
#23
Nitrobenzene-d5
Concen: 68.995 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.6	57.8
54	45.1	35.6	53.4

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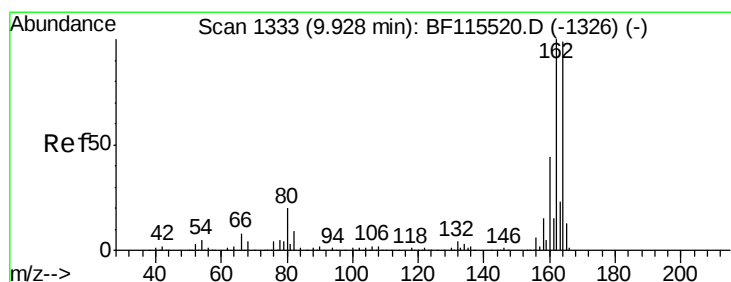
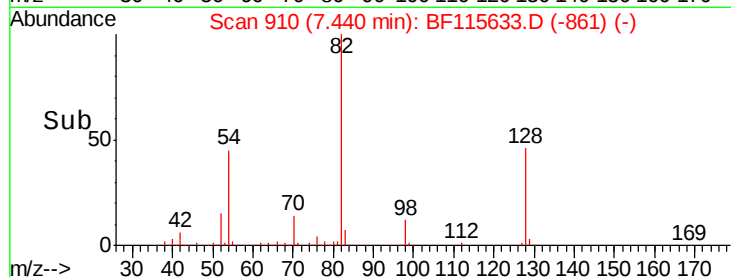
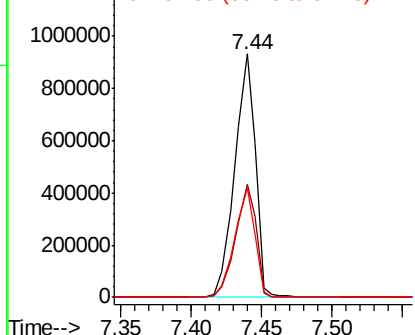


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

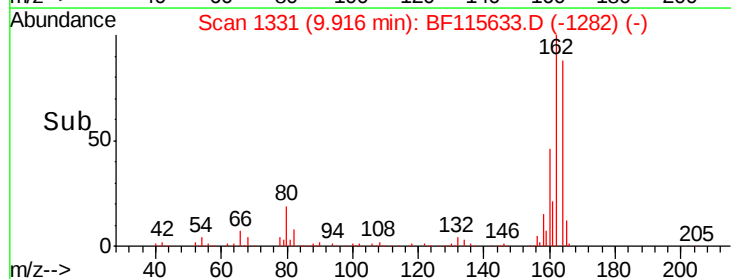
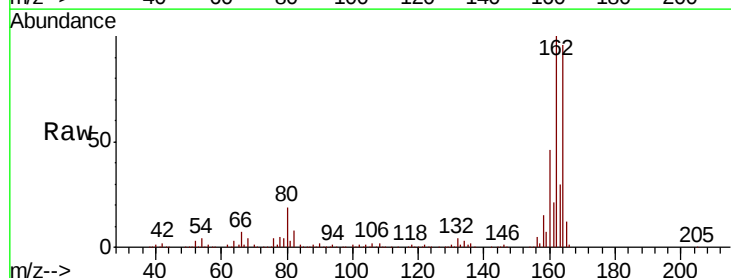
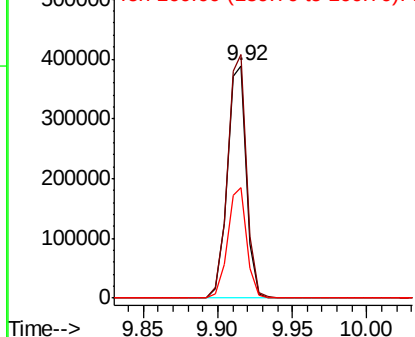
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.9	124.3
160	47.7	36.8	55.2

Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





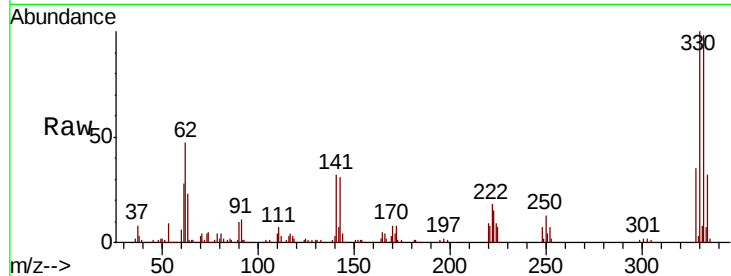
#42
 2,4,6-Tribromophenol
 Concen: 85.420 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115633.D
 Acq: 17 Jul 2019 20:19

Instrument :
 BNA_F
 ClientSampled :
 SB-1(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	354008		
332	96.9		77.4	116.2
141	31.5		22.4	33.6

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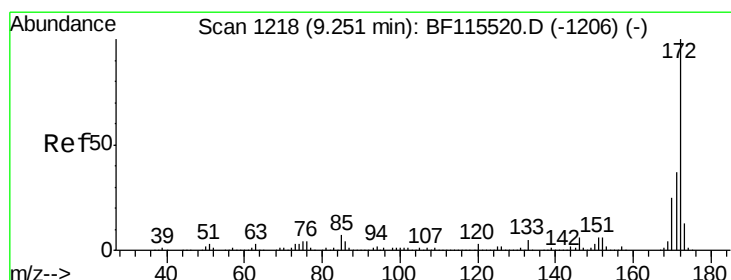
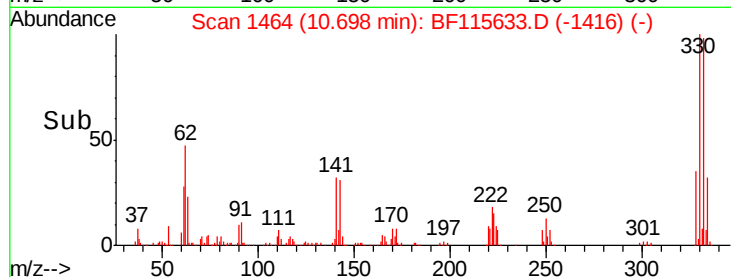
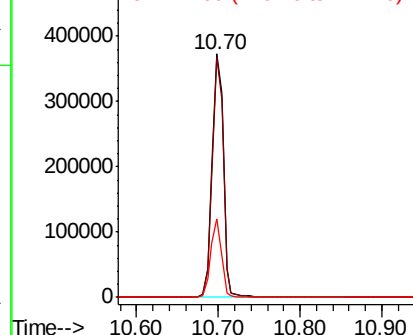


Abundance

Ion 329.80 (329.50 to 330.50): E

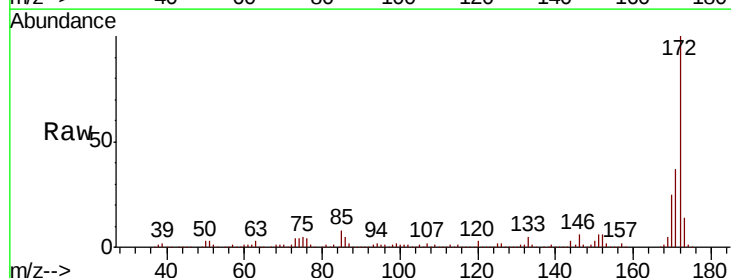
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.618 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115633.D
 Acq: 17 Jul 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1635368		
171	36.9		30.6	46.0
170	25.0		20.5	30.7

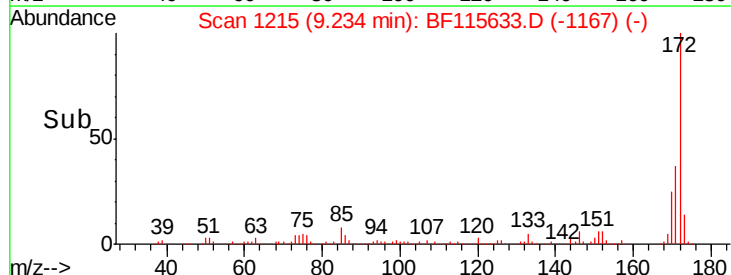
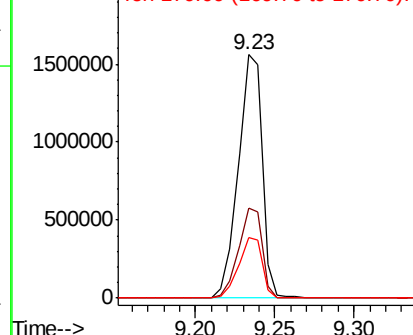


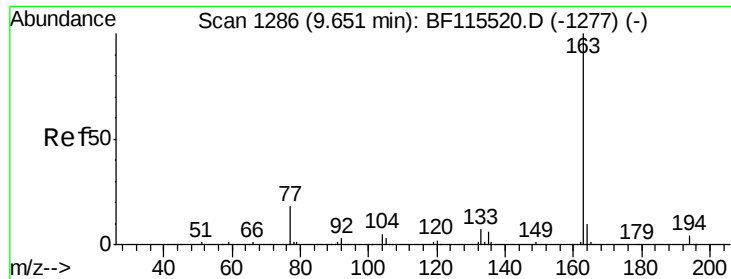
Abundance

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





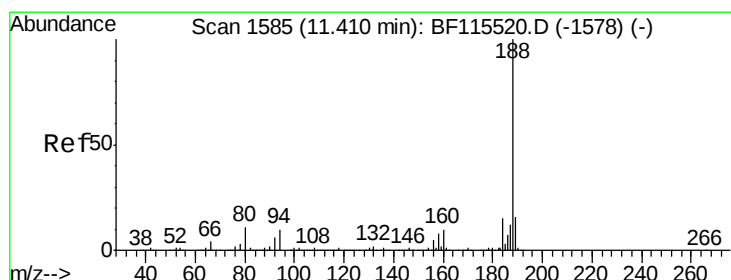
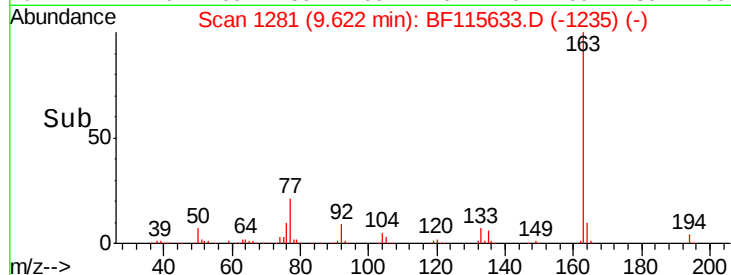
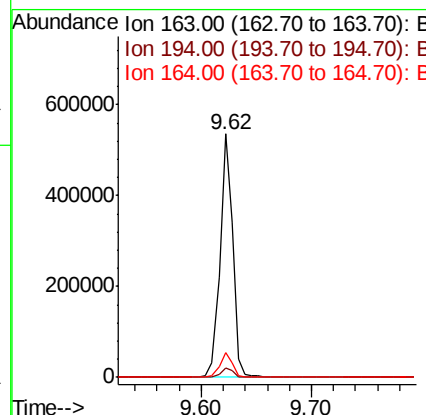
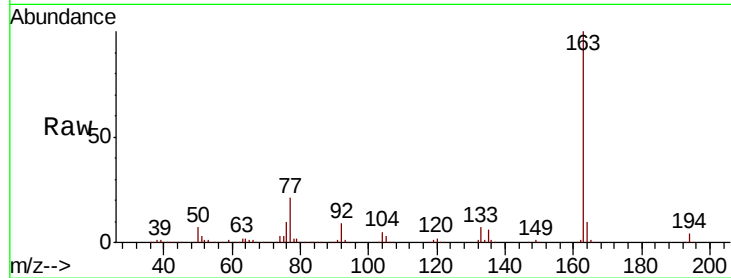
#50
Dimethylphthalate
Concen: 15.792 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	421853		
194	3.7		3.3	4.9
164	10.4		8.7	13.1

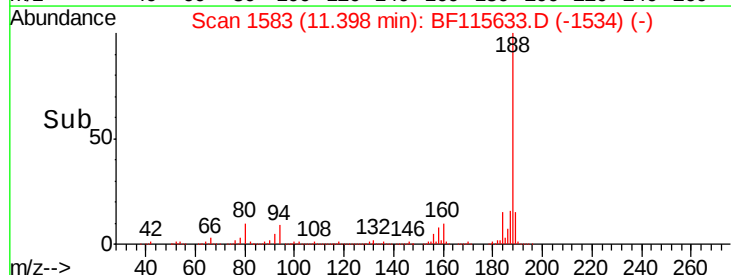
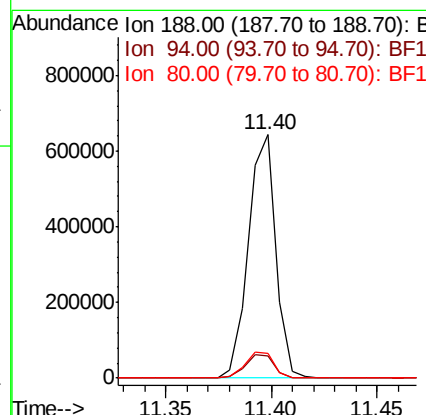
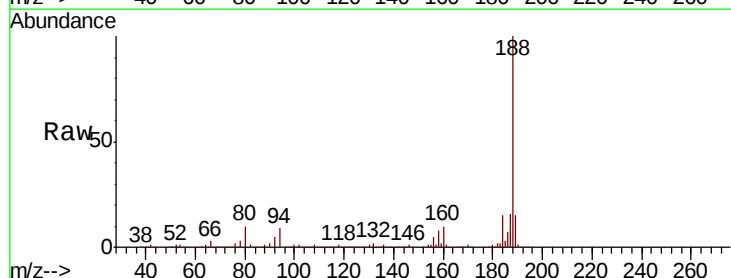
Manual Integrations
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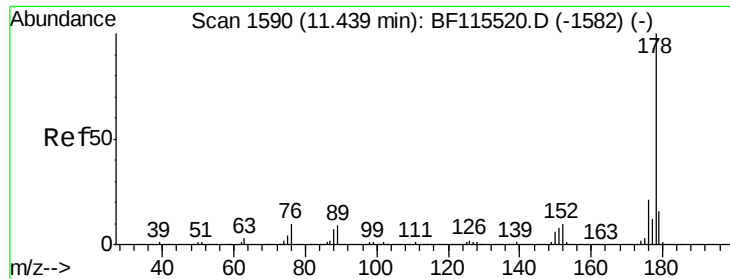
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	578459		
94	9.1		7.8	11.6
80	10.1		8.6	13.0





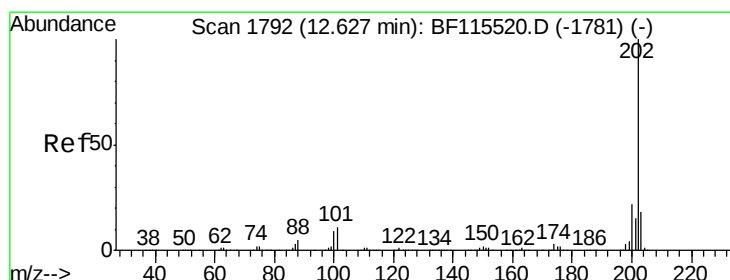
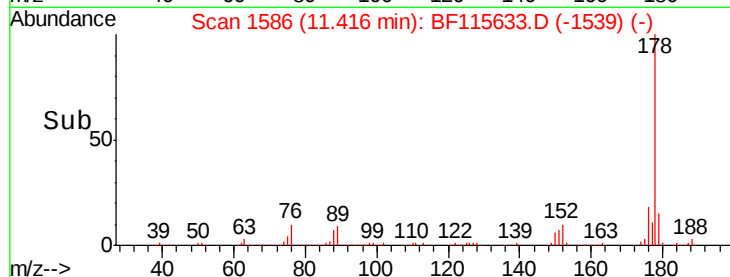
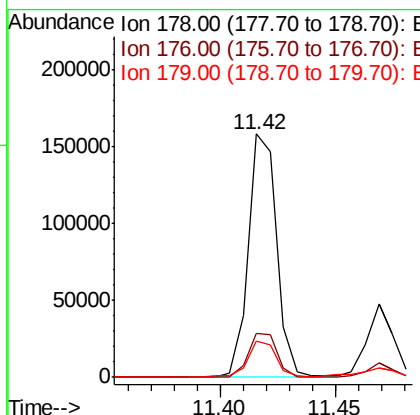
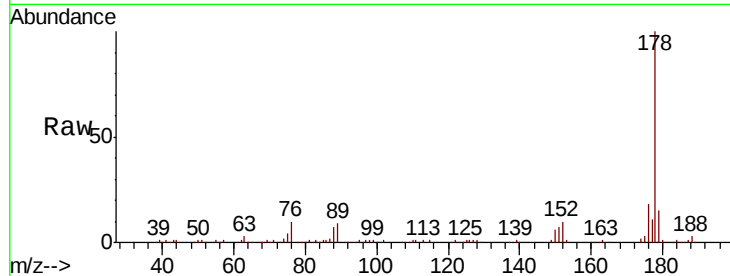
#71
Phenanthrene
Concen: 4.621 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	17.2	25.8
179	15.0	13.5	20.3

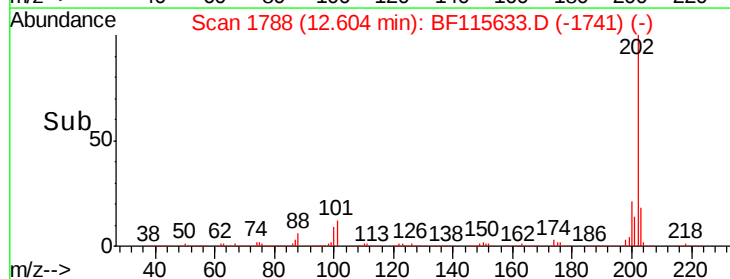
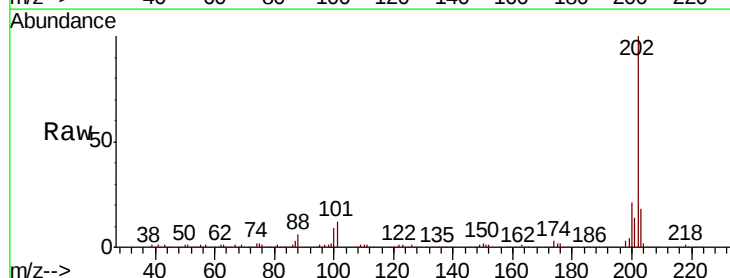
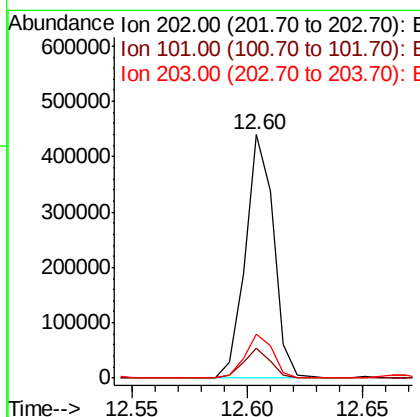
Manual Integrations
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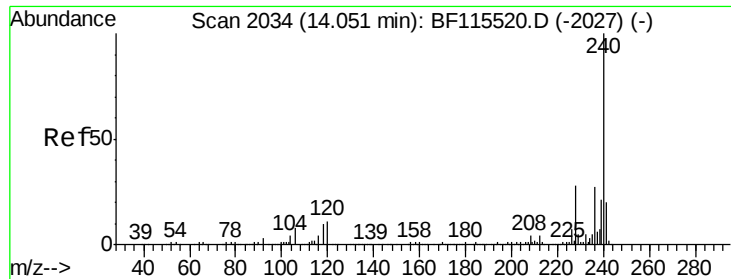
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#75
Fluoranthene
Concen: 11.945 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.4
203	17.8	0.0	38.1





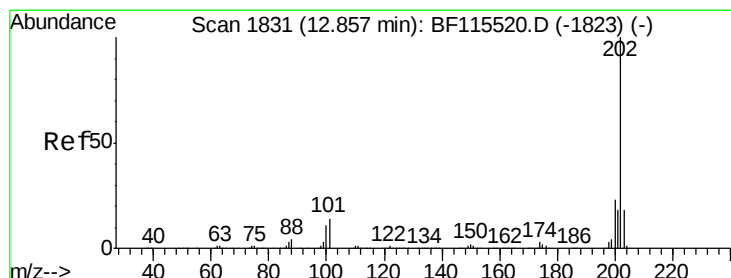
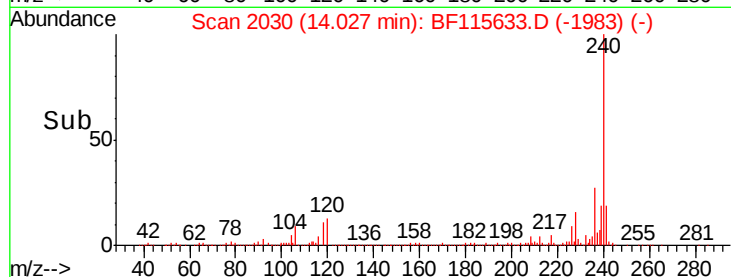
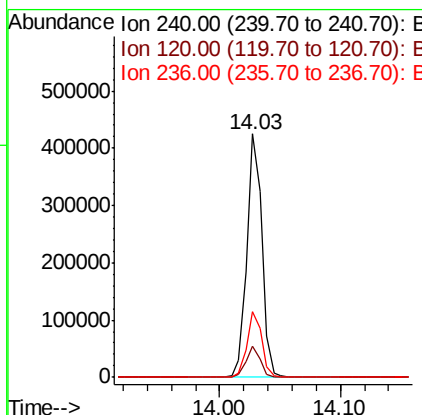
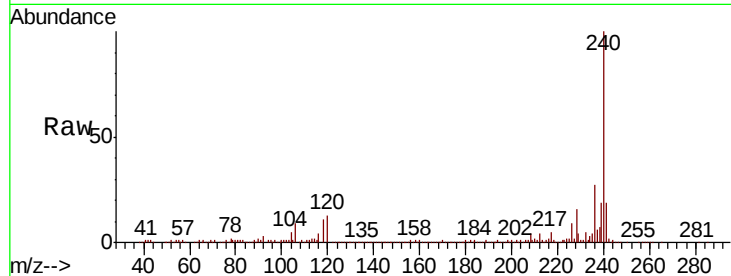
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF115633.D
 Acq: 17 Jul 2019 20:19

Instrument :
 BNA_F
 ClientSampled :
 SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.6	13.0
236	27.0	21.3	31.9

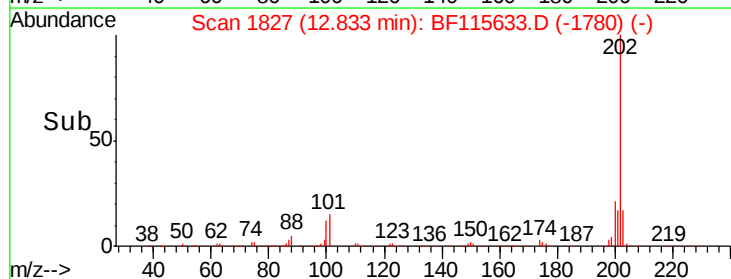
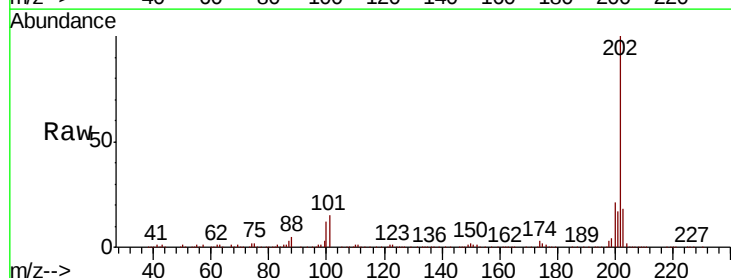
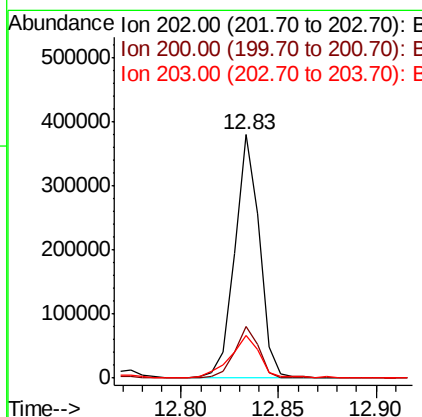
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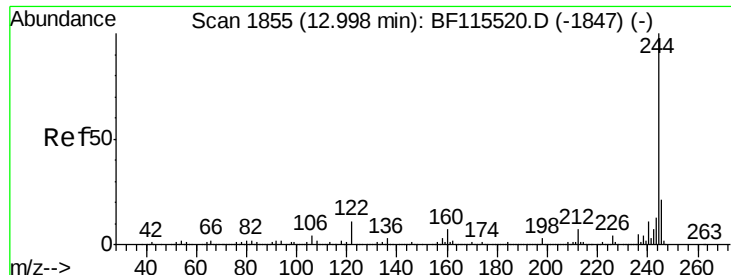
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#78
 Pyrene
 Concen: 10.503 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF115633.D
 Acq: 17 Jul 2019 20:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.7	28.1
203	17.5	15.2	22.8





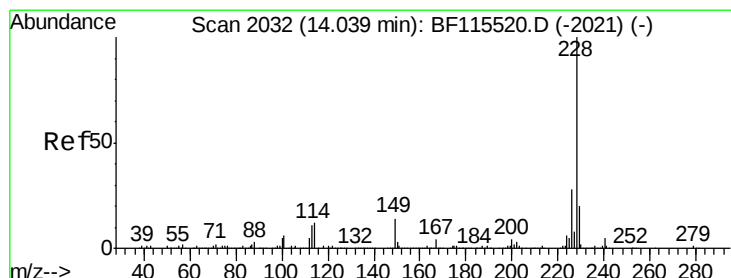
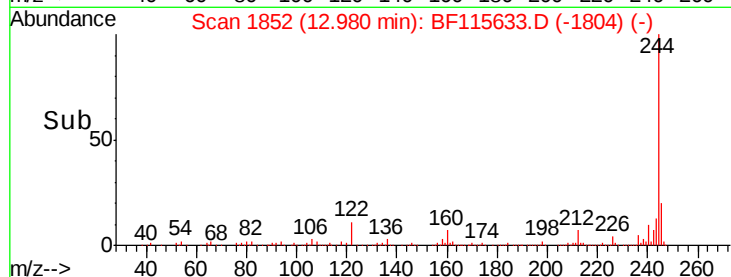
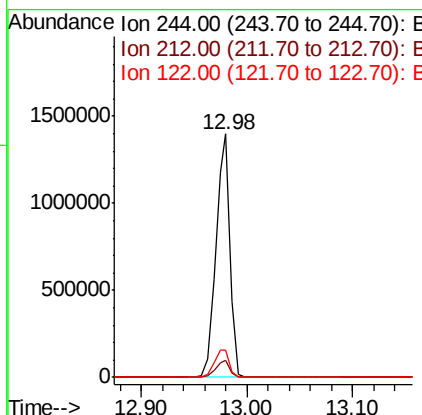
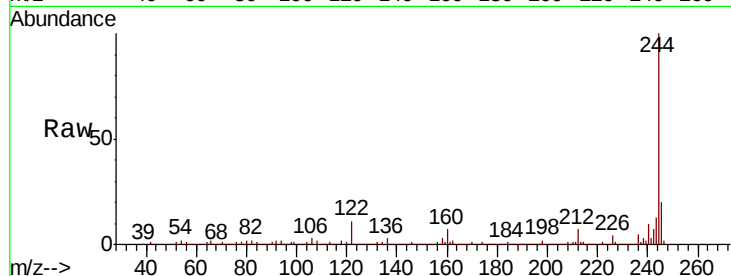
#79
 Terphenyl-d14
 Concen: 65.230 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115633.D
 Acq: 17 Jul 2019 20:19

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	11.0	8.6	12.8

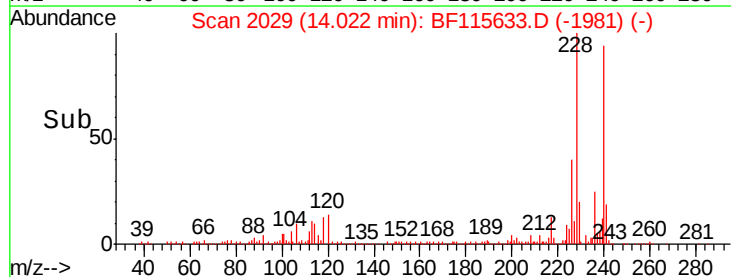
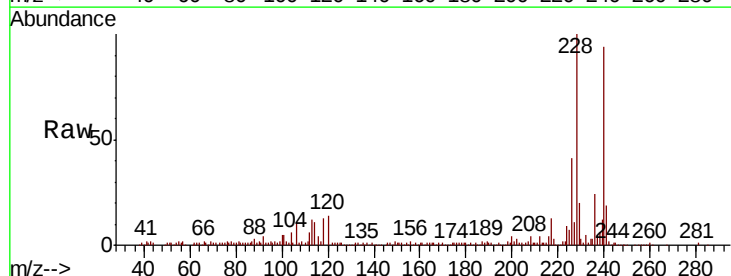
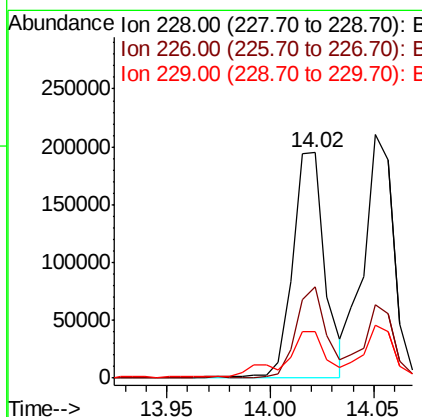
Manual Integrations
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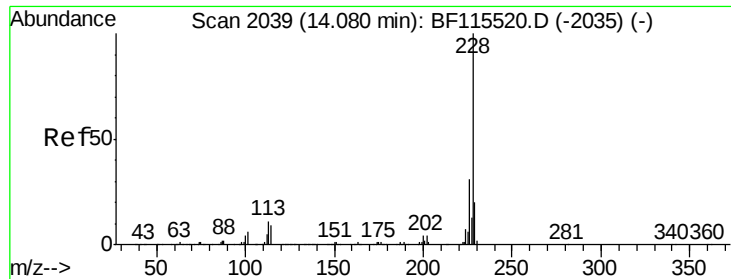
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#81
 Benzo(a)anthracene
 Concen: 8.633 ng m
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF115633.D
 Acq: 17 Jul 2019 20:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.7	23.4	35.0#
229	20.4	17.2	25.8





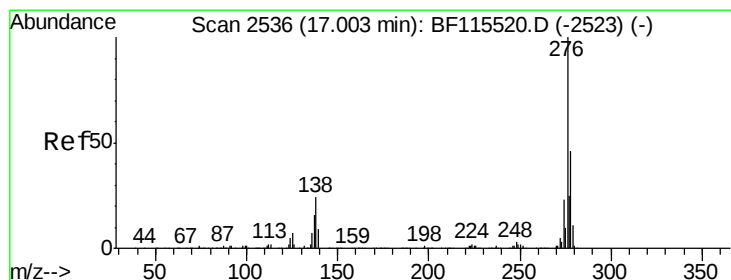
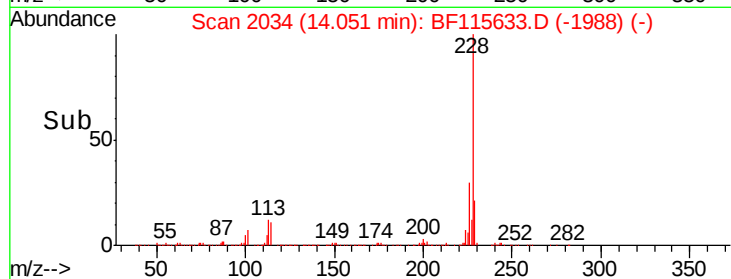
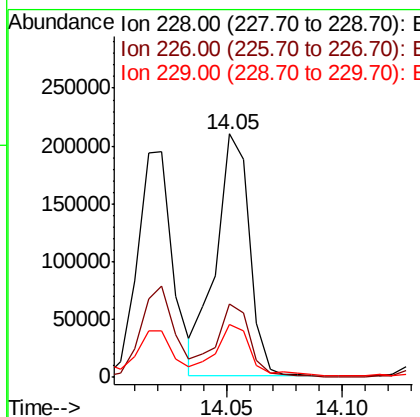
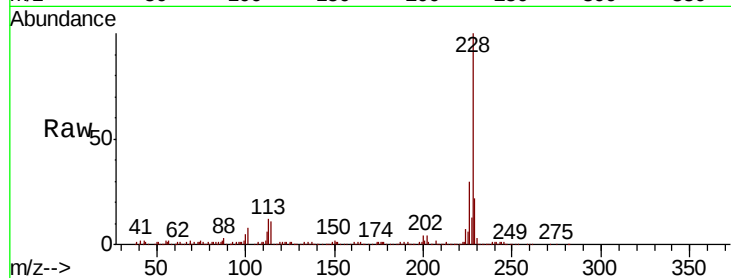
#83
Chrysene
Concen: 8.569 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.03 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

Instrument :
BNA_F
ClientSampled :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.7	38.5
229	21.6	16.6	25.0

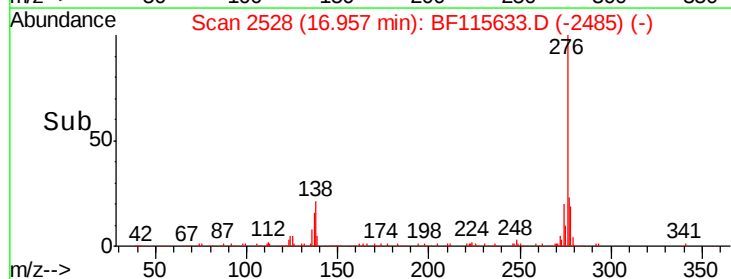
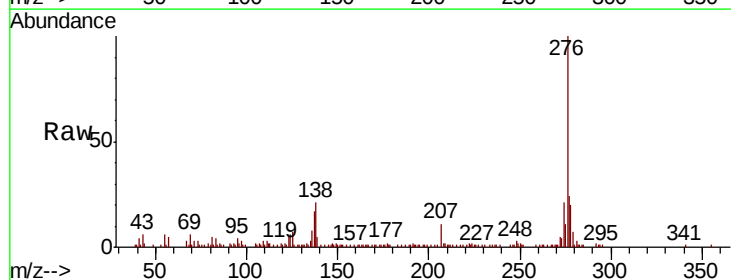
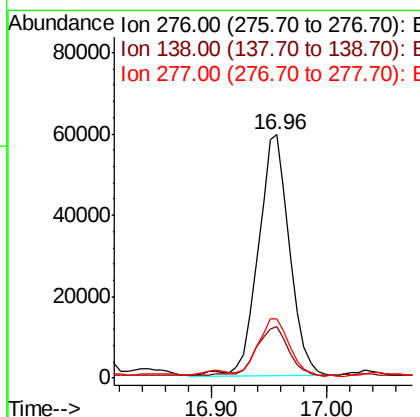
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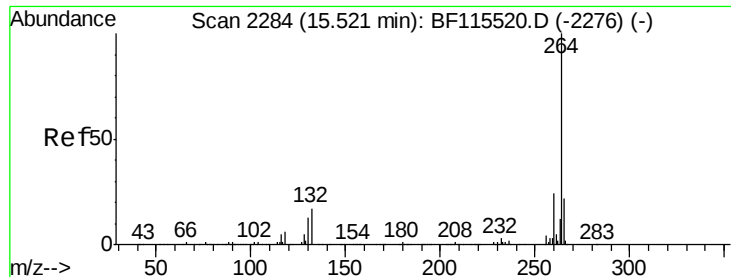
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.347 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.05 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.2	30.2
277	24.2	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF115633.D

Acq: 17 Jul 2019 20:19

Instrument :

BNA_F

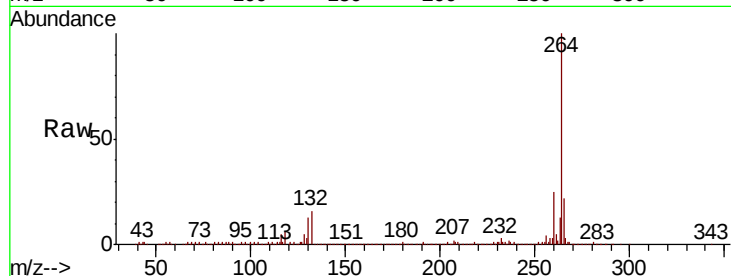
ClientSampleId :

SB-1(0-2)

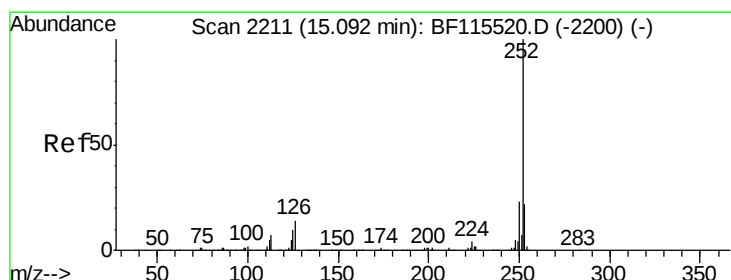
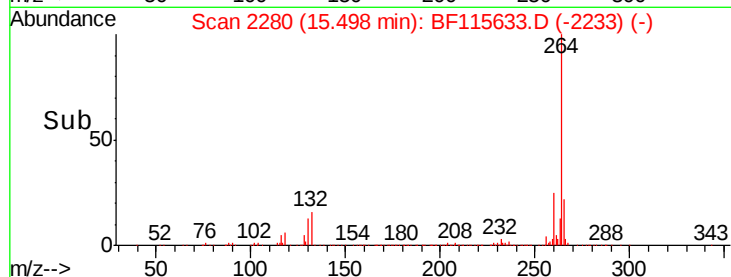
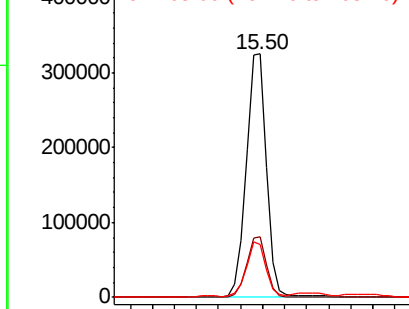
Tot Ion:	264	Resp:	421222
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.8	29.8
265	21.7	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 12.339 ng m

RT: 15.07 min Scan# 2207

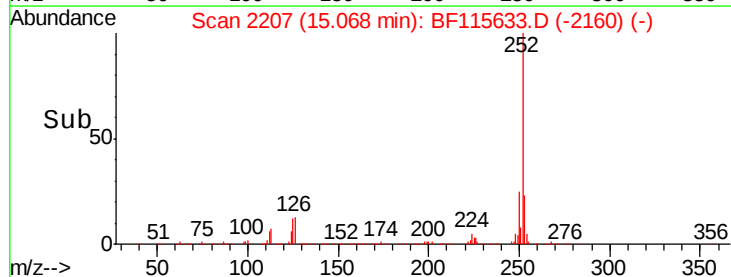
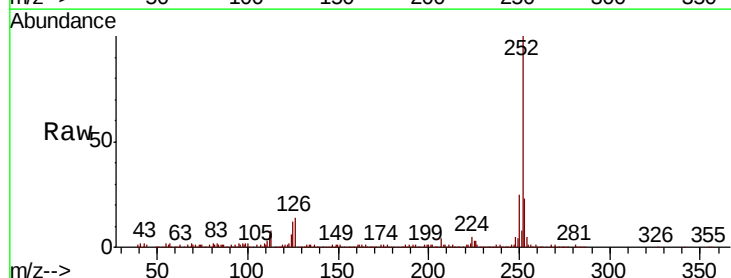
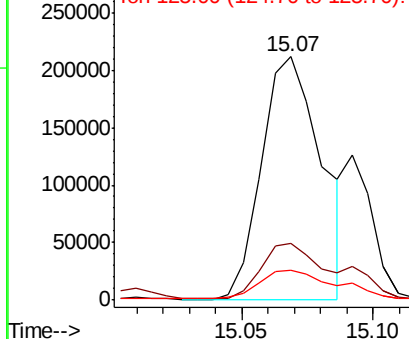
Delta R.T. -0.02 min

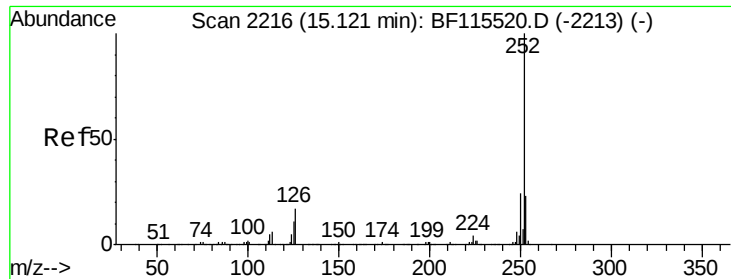
Lab File: BF115633.D

Acq: 17 Jul 2019 20:19

Tgt Ion:	252	Resp:	334685
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.1	27.1
125	12.3	9.0	13.4

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





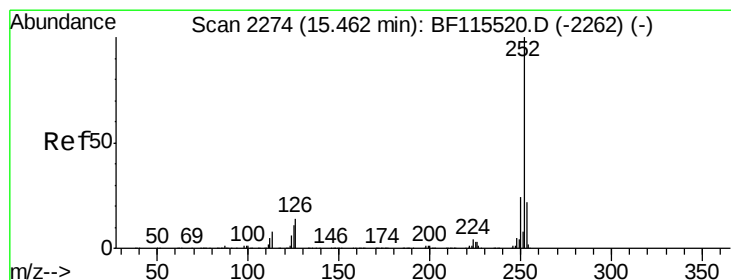
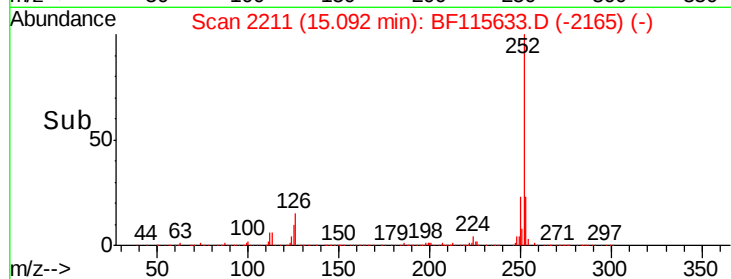
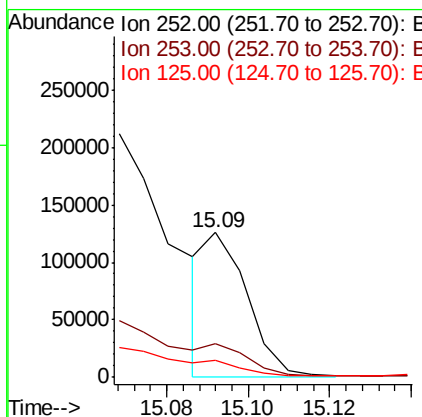
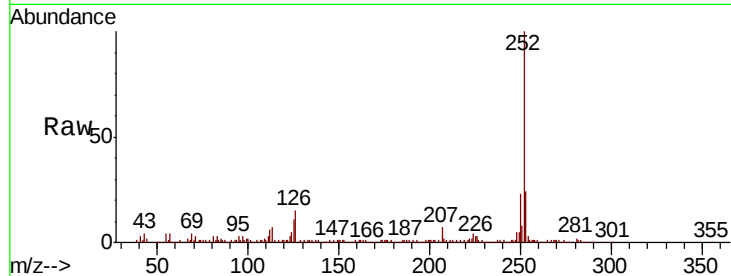
#89
Benzo(k)fluoranthene
Concen: 3.779 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	28.0
125	11.4	9.0	13.6

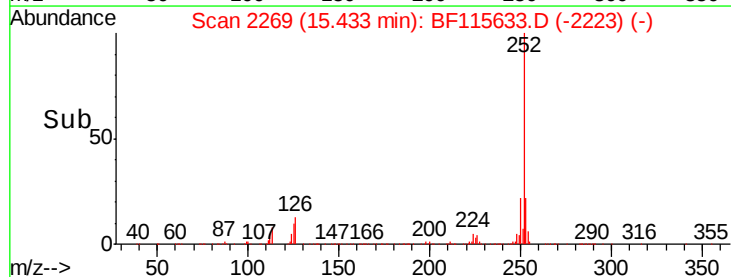
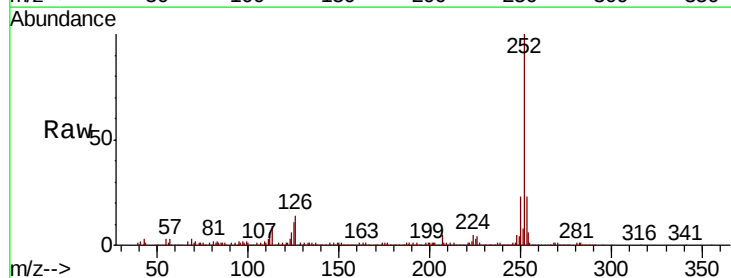
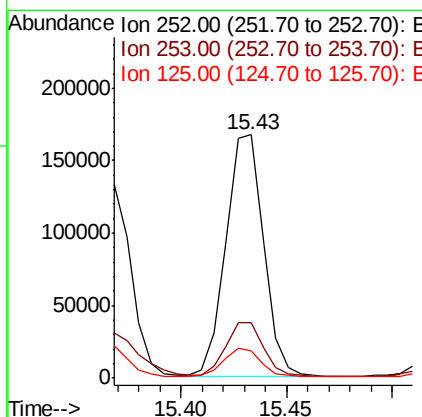
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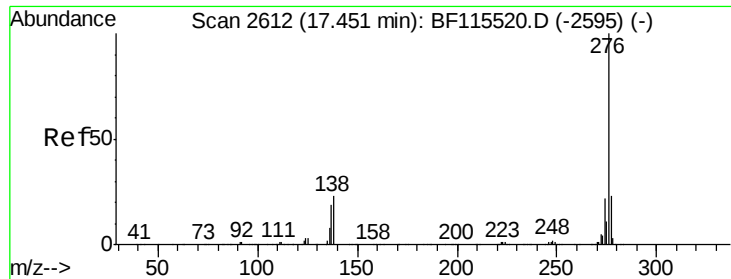
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#90
Benzo(a)pyrene
Concen: 8.839 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.03 min
Lab File: BF115633.D
Acq: 17 Jul 2019 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.1	9.1	13.7





#92
 Benzo(a,h,i)perylene
 Concen: 4.781 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. -0.05 min
 Lab File: BF115633.D
 Acq: 17 Jul 2019 20:19

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

Tot Ion:	276	Resp:	97590
Ion Ratio		Lower	Upper
276	100		
277	22.8	19.0	28.4
138	21.6	17.2	25.8

Manual Integrations
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