

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118987.D
 Acq On : 21 Feb 2020 4:48
 Operator : CG/JU
 Sample : L1547-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MARCY-GREEN-BH-01-A

Manual Integrations
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Quant Time: Feb 21 06:01:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	166582	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	586162	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	273761	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	443274	20.00	ng	0.00
76) Chrysene-d12	13.92	240	380724	20.00	ng	0.00
87) Perylene-d12	15.35	264	316430	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	881015	88.38	ng	0.00
7) Phenol-d6	6.40	99	1057648	87.24	ng	0.00
23) Nitrobenzene-d5	7.32	82	666159	60.01	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	275938	77.05	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1199306	64.54	ng	0.00
79) Terphenyl-d14	12.86	244	1105443	49.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.51	163	46340	2.214	ng	Qvalue 100
71) Phenanthrene	11.30	178	150546	6.228	ng	99
75) Fluoranthene	12.49	202	340791	13.281	ng	98
78) Pyrene	12.72	202	308885	10.104	ng	99
81) Benzo(a)anthracene	13.90	228	187649	7.234	ng	98
83) Chrysene	13.94	228	163136	6.311	ng	98
84) Bis(2-ethylhexyl)phthalate	13.90	149	34274	2.108	ng	# 95
86) Indeno(1,2,3-cd)pyrene	16.76	276	77513	3.097	ng	98
88) Benzo(b)fluoranthene	14.94	252	199482m	9.564	ng	
89) Benzo(k)fluoranthene	14.96	252	78003m	4.036	ng	
90) Benzo(a)pyrene	15.29	252	124138	6.595	ng	# 91
92) Benzo(a,h,i)perylene	17.19	276	77877	4.759	ng	96

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

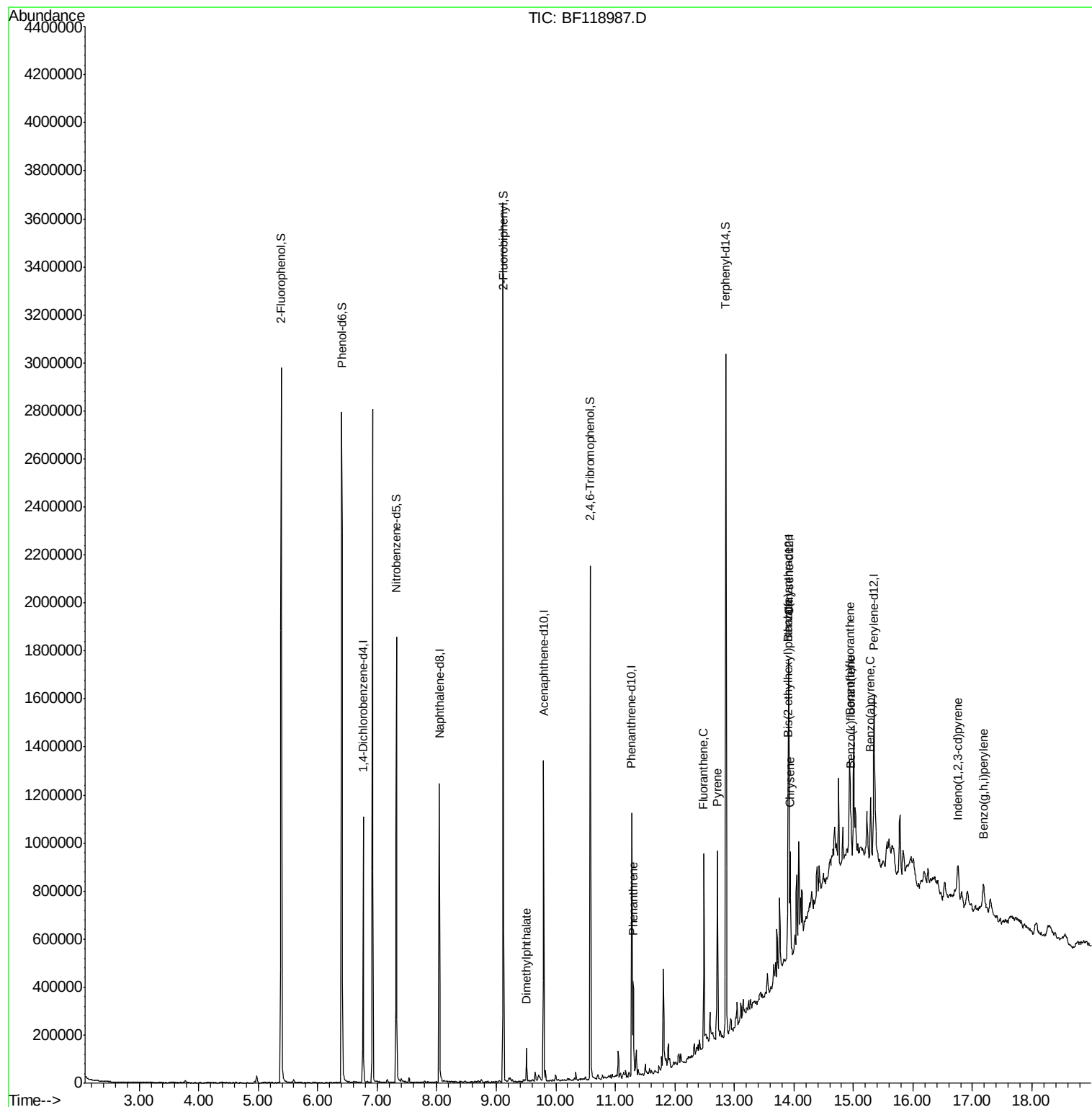
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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ALS Vial : 23 Sample Multiplier: 1

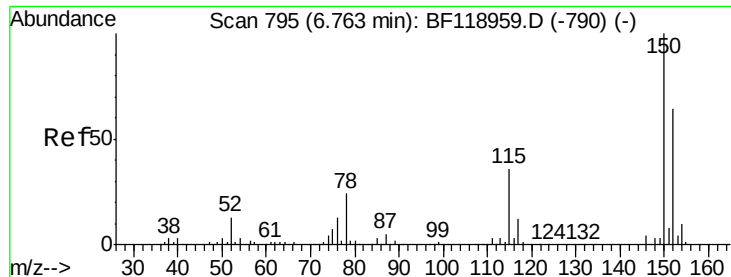
Instrument :
BNA_F
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MARCY-GREEN-BH-01-A

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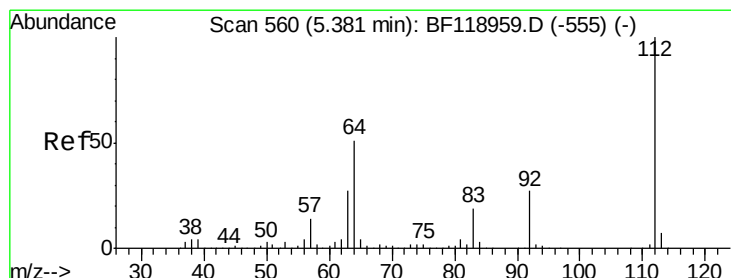
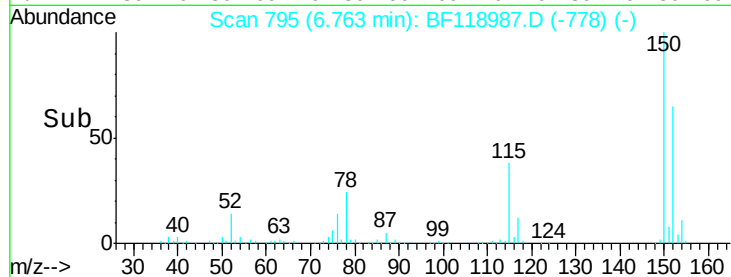
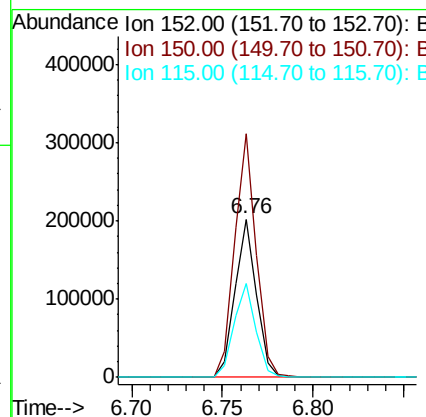
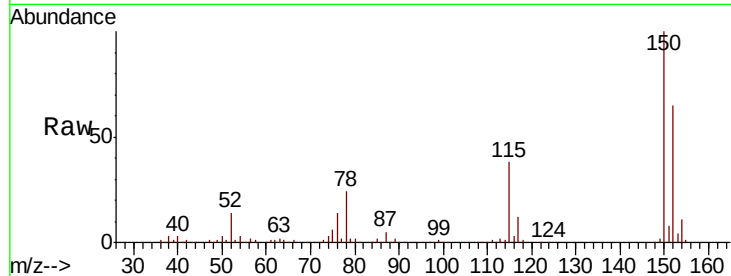
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF118987.D
 Acq: 21 Feb 2020 4:48

Instrument :
 BNA_F
 ClientSampleId :
 MARCY-GREEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.3	186.5
115	59.2	44.6	67.0

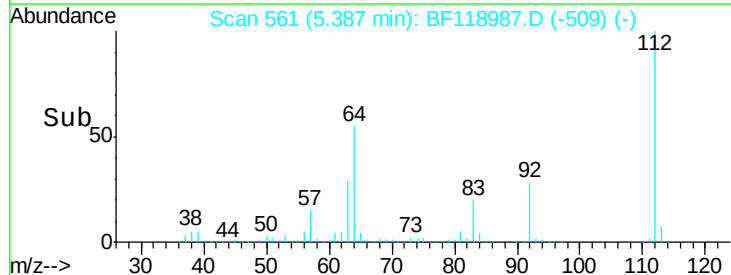
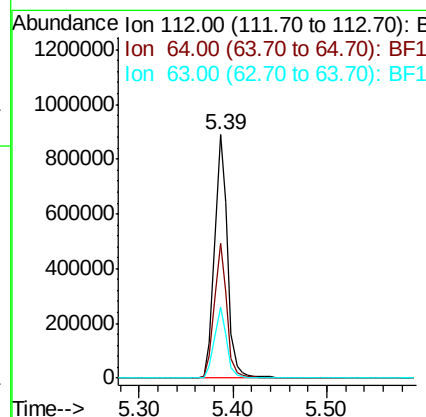
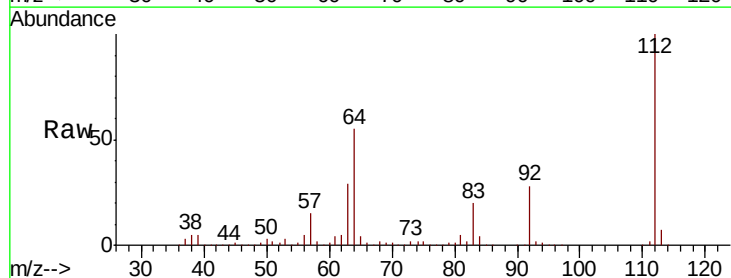
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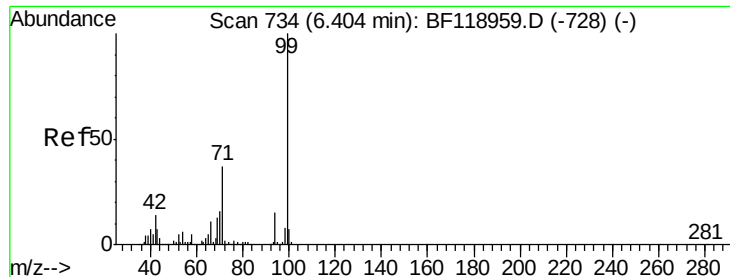
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#5
 2-Fluorophenol
 Concen: 88.385 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF118987.D
 Acq: 21 Feb 2020 4:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	40.4	60.6
63	28.8	21.3	31.9





#7

Phenol-d6

Concen: 87.244 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118987.D

Acq: 21 Feb 2020 4:48

Instrument :

BNA_F

ClientSampleId :

MARCY-GREEN-BH-01-A

Tot Ion: 99 Resp: 1057648

Ion Ratio Lower Upper

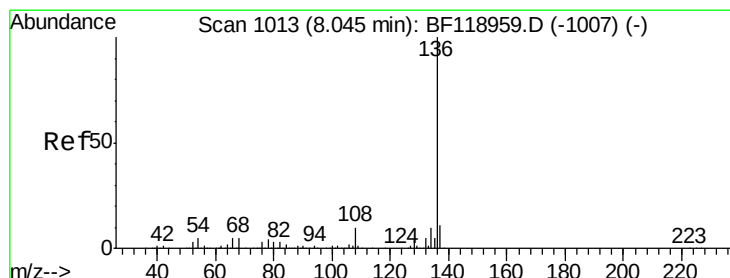
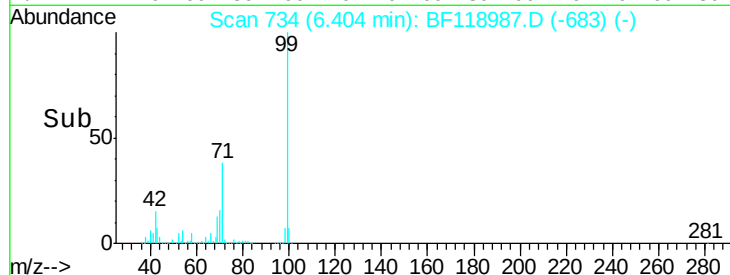
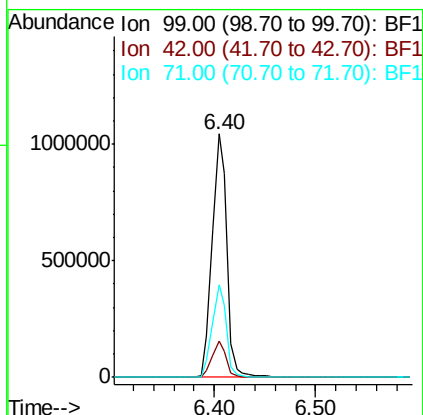
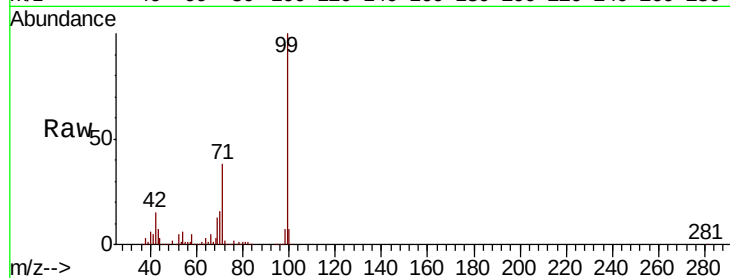
99 100

42 14.7 11.4 17.0

71 38.1 29.8 44.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118987.D

Acq: 21 Feb 2020 4:48

Tgt Ion: 136 Resp: 586162

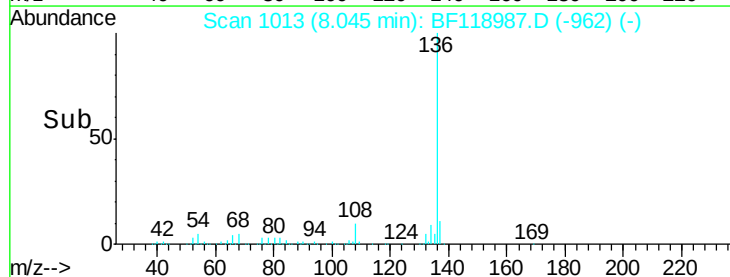
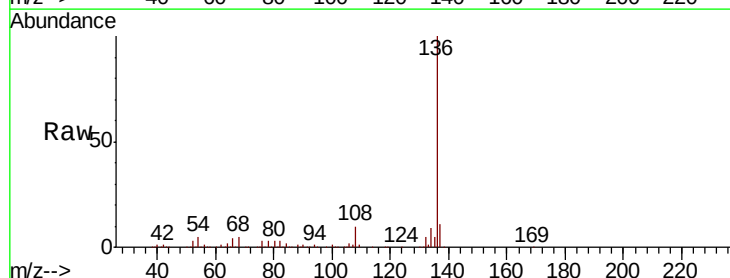
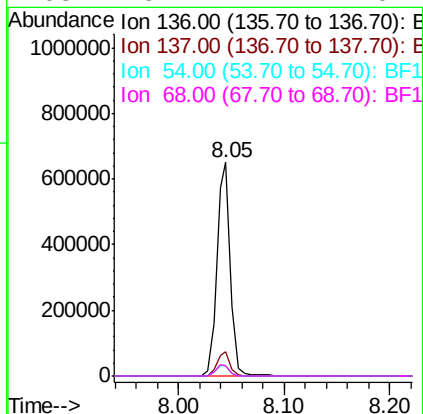
Ion Ratio Lower Upper

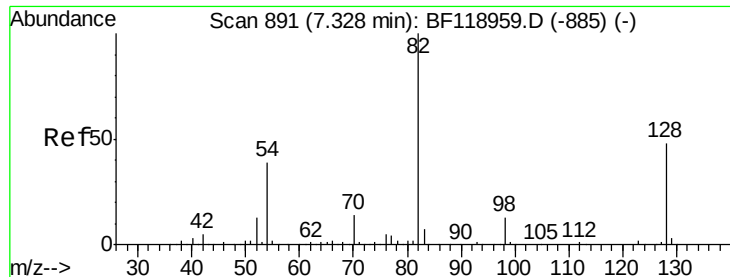
136 100

137 11.2 8.9 13.3

54 4.6 3.8 5.6

68 5.1 4.2 6.2





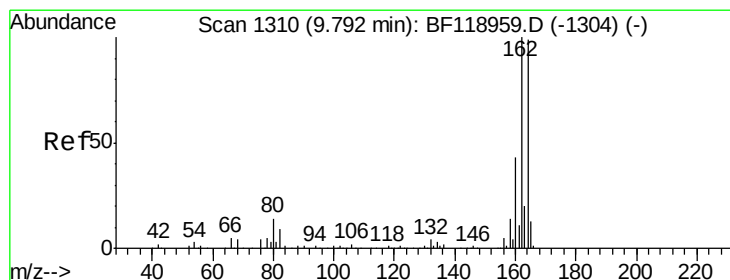
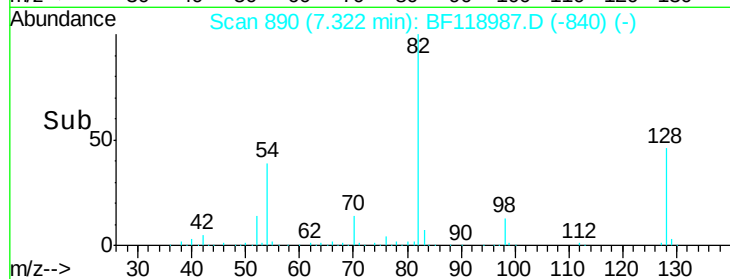
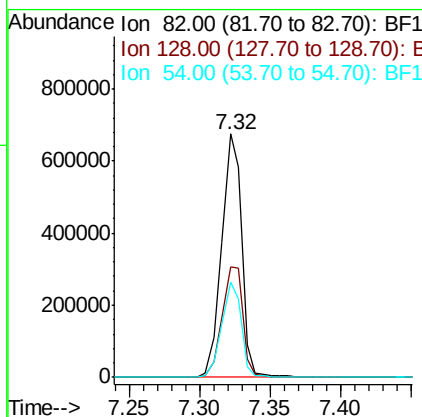
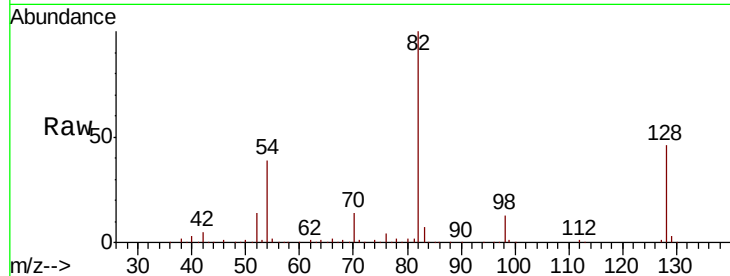
#23
 Nitrobenzene-d5
 Concen: 60.006 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF118987.D
 Acq: 21 Feb 2020 4:48

Instrument :
 BNA_F
 ClientSampleId :
 MARCY-GREEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.2	57.2
54	39.3	31.3	46.9

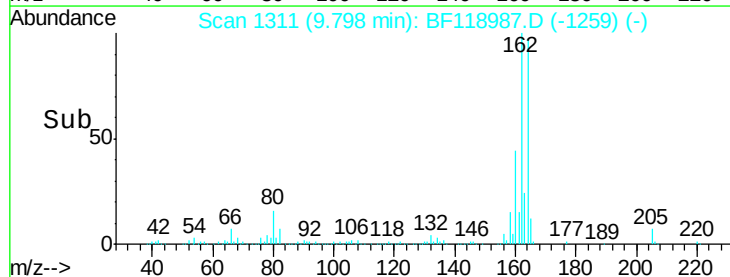
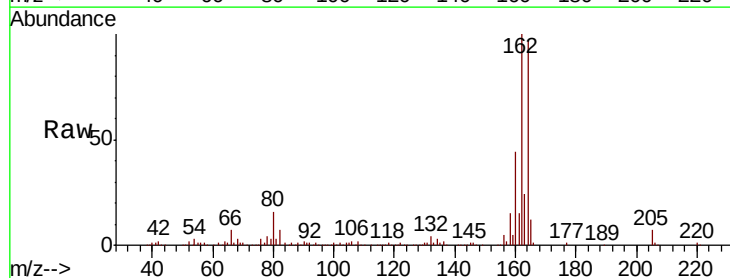
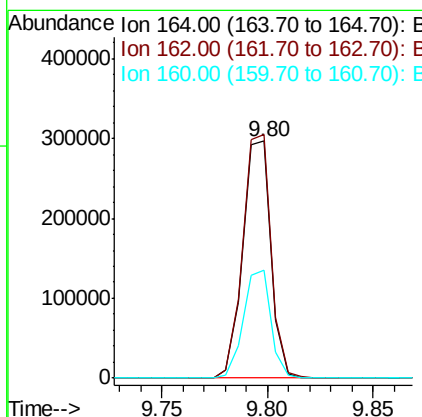
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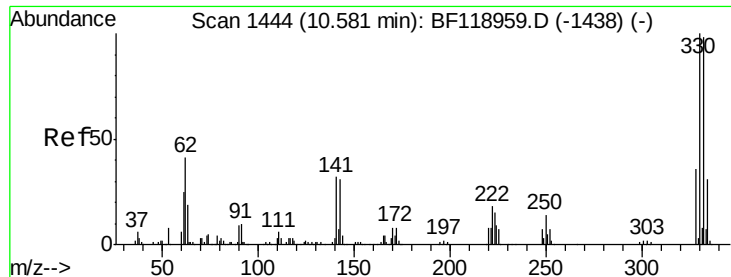
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF118987.D
 Acq: 21 Feb 2020 4:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.2	121.8
160	45.4	35.2	52.8





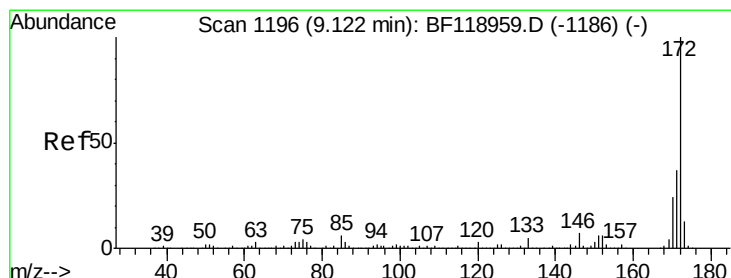
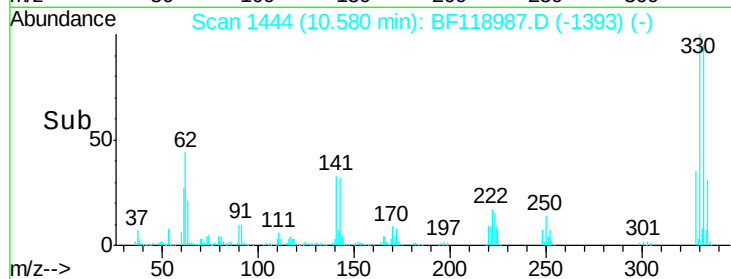
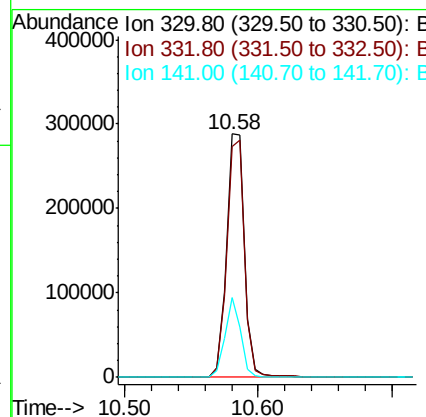
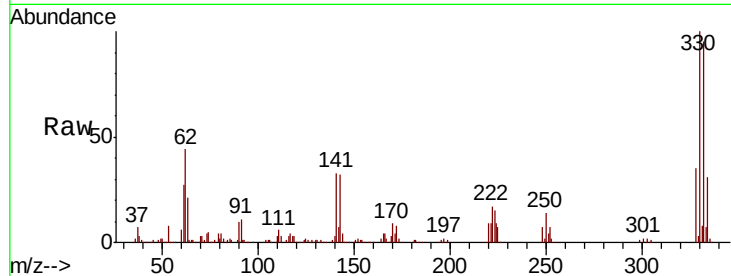
#42
 2,4,6-Tribromophenol
 Concen: 77.051 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118987.D
 Acq: 21 Feb 2020 4:48

Instrument :
 BNA_F
 ClientSampleId :
 MARCY-GREEN-BH-01-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	275938		
332	96.7	77.1	115.7	
141	28.7	23.0	34.6	

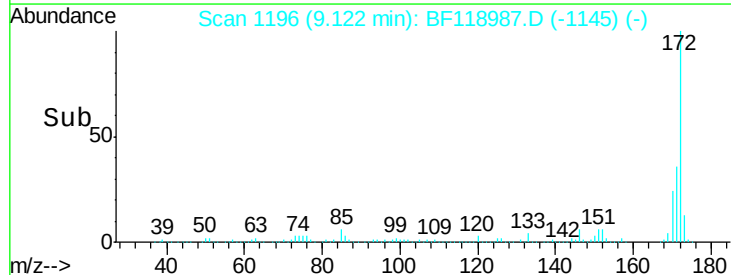
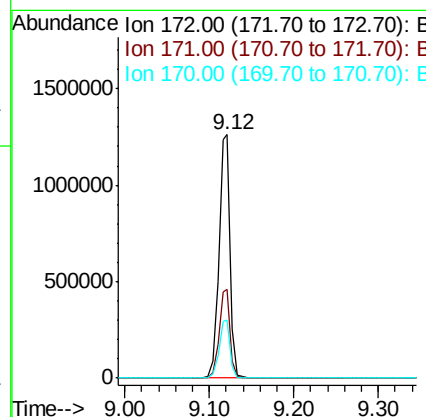
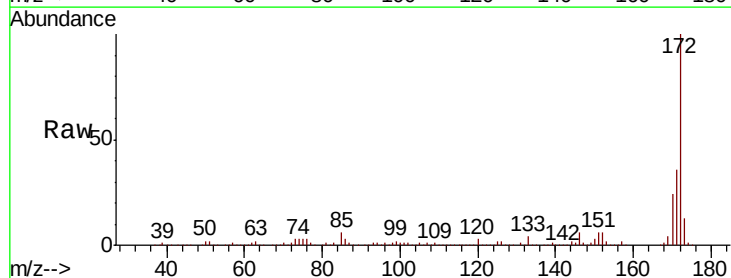
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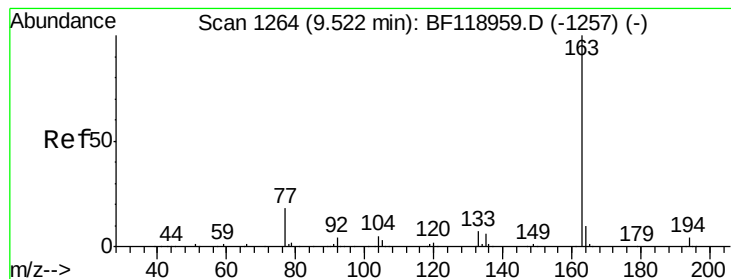
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#45
 2-Fluorobiphenyl
 Concen: 64.537 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF118987.D
 Acq: 21 Feb 2020 4:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1199306		
171	36.3	29.4	44.2	
170	23.6	19.6	29.4	





#50

Dimethylphthalate

Concen: 2.214 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF118987.D

Acq: 21 Feb 2020 4:48

Instrument :

BNA_F

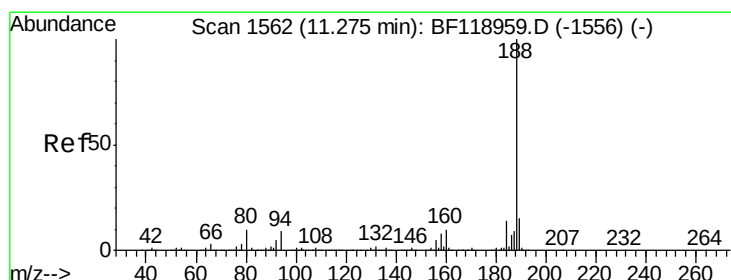
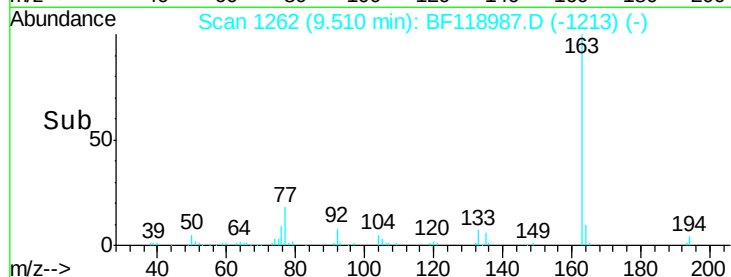
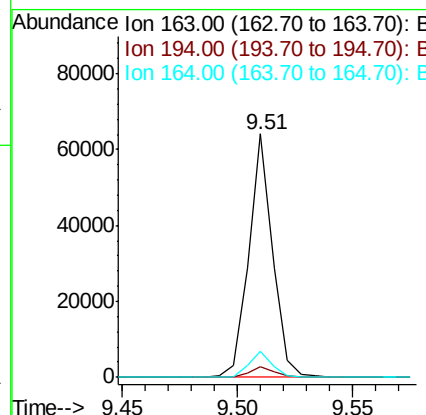
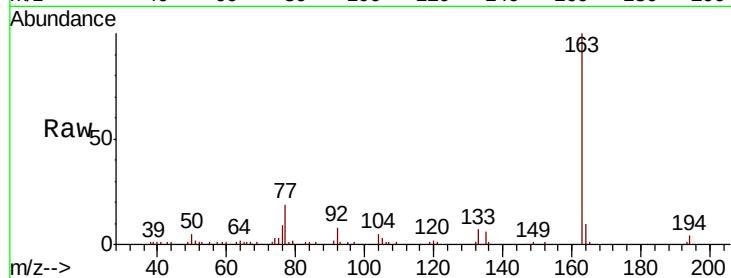
ClientSampleId :

MARCY-GREEN-BH-01-A

Tot Ion:	163	Resp:	46340
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.4	8.2	12.2

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

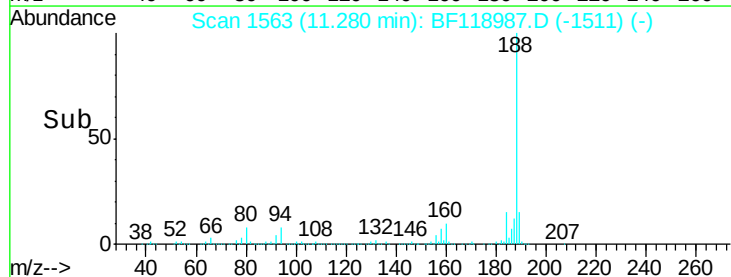
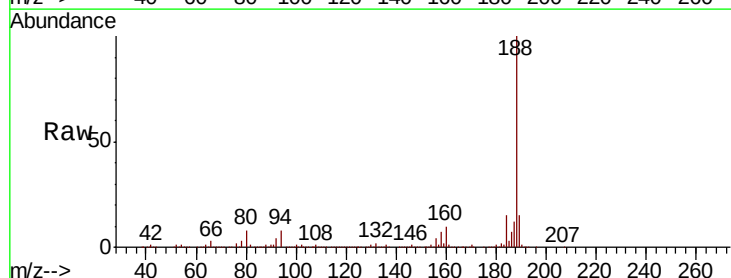
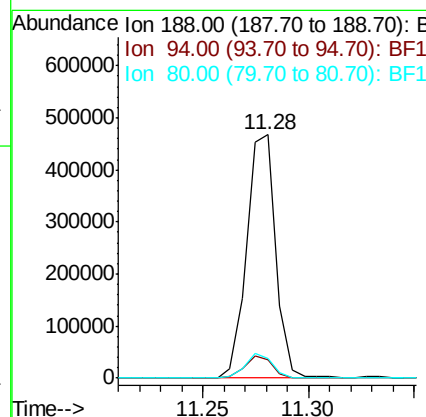
RT: 11.28 min Scan# 1563

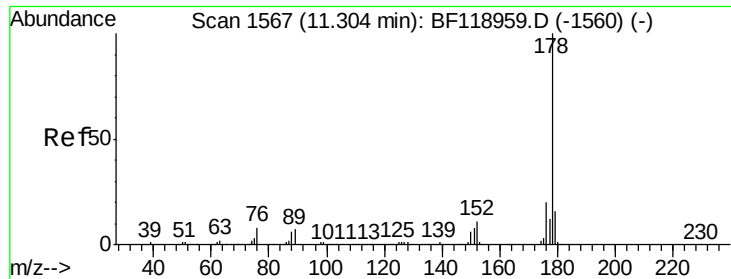
Delta R.T. 0.01 min

Lab File: BF118987.D

Acq: 21 Feb 2020 4:48

Tgt Ion:	188	Resp:	443274
Ion Ratio	Lower	Upper	
188	100		
94	7.5	7.0	10.6
80	7.9	7.9	11.9





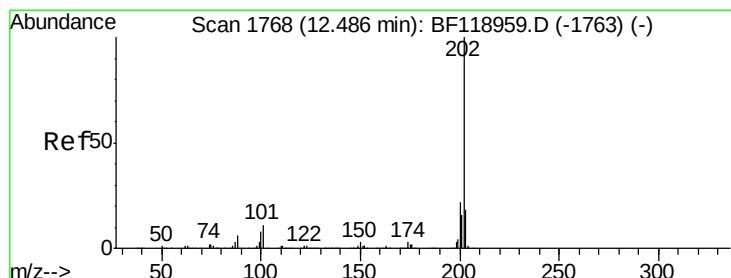
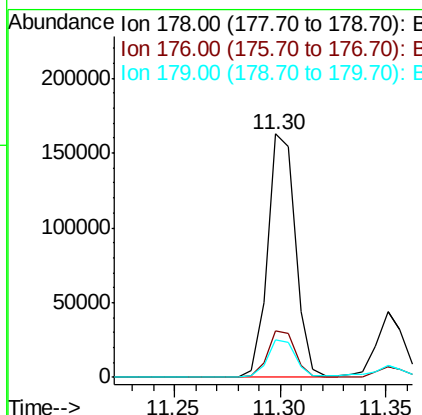
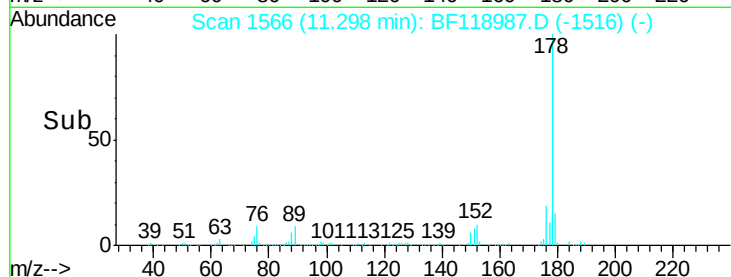
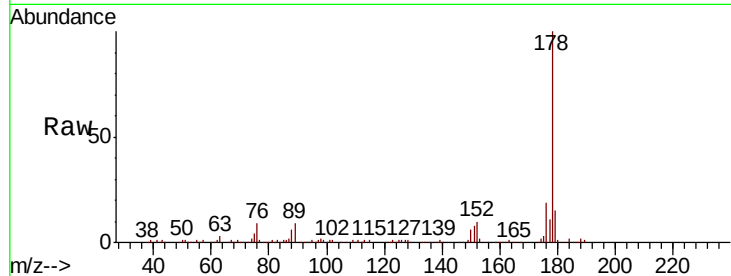
#71
Phenanthrene
Concen: 6.228 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Instrument :
BNA_F
ClientSampleId :
MARCY-GREEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.3	12.6	18.8

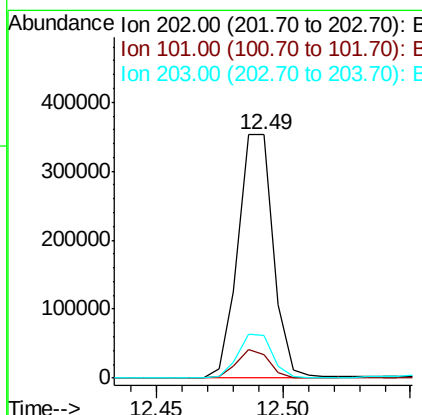
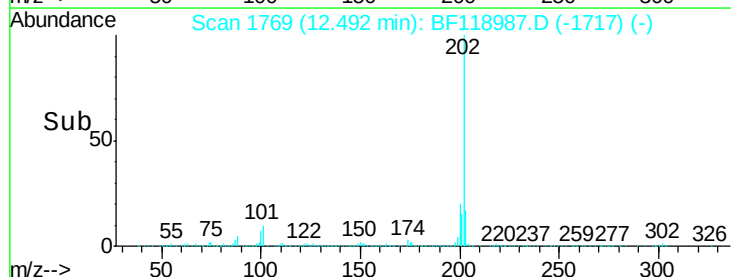
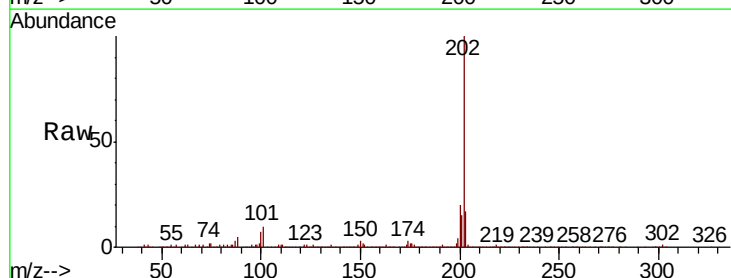
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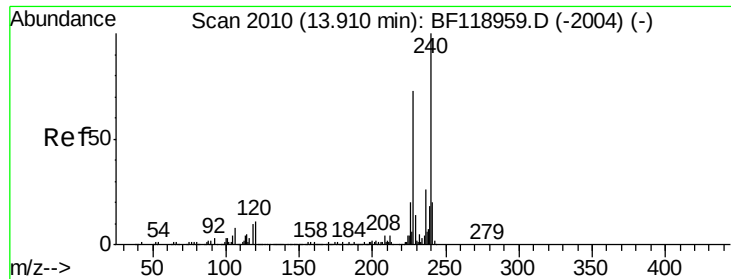
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#75
Fluoranthene
Concen: 13.281 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.1
203	17.3	0.0	38.1





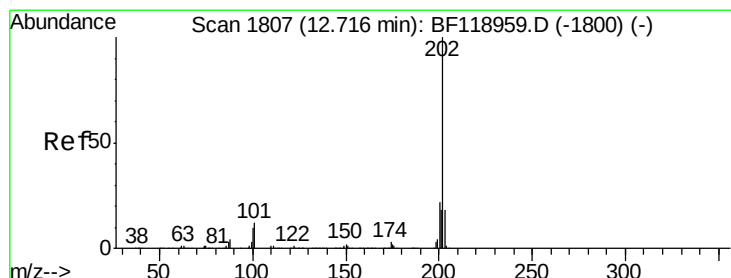
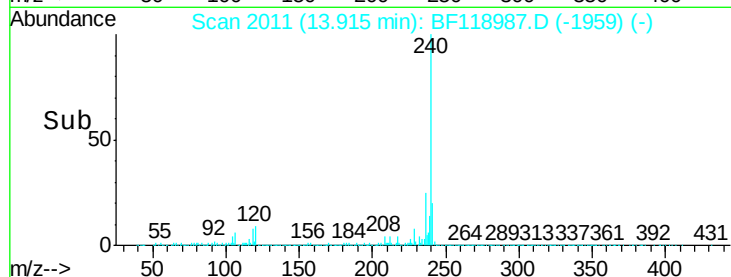
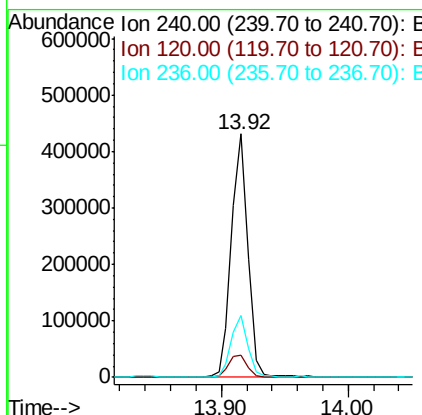
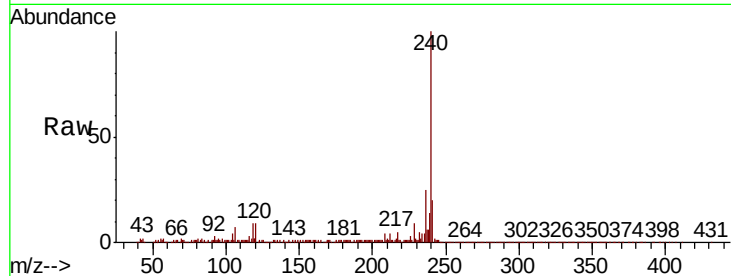
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF118987.D
 Acq: 21 Feb 2020 4:48

Instrument :
 BNA_F
 ClientSampleId :
 MARCY-GREEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.9	13.3
236	25.4	20.6	30.8

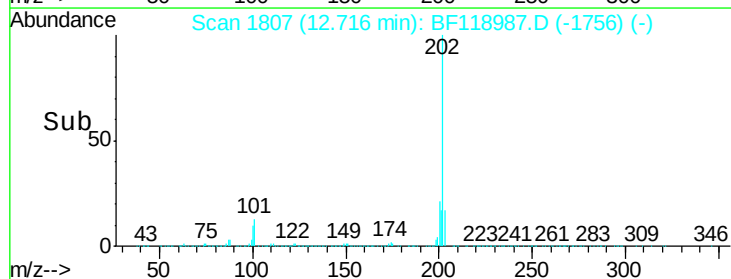
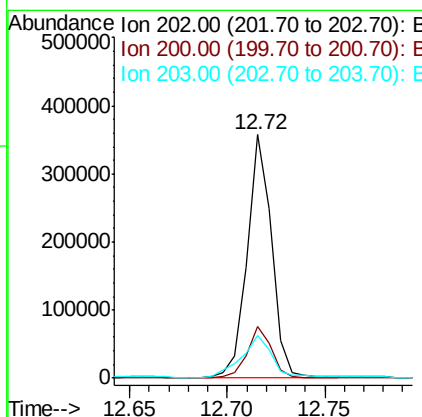
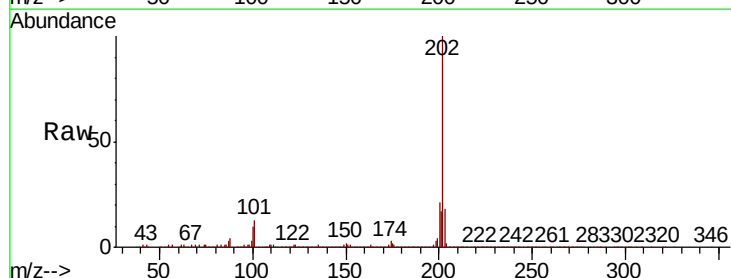
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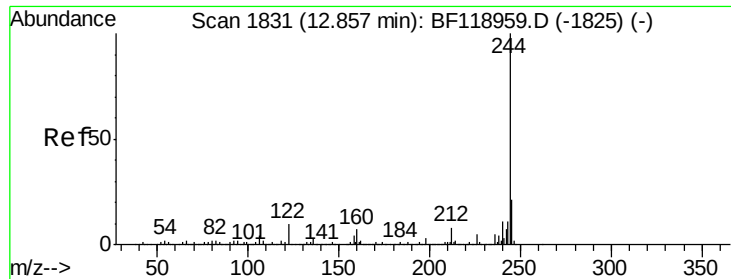
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#78
 Pyrene
 Concen: 10.104 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BF118987.D
 Acq: 21 Feb 2020 4:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.0
203	17.7	14.5	21.7





#79

Terphenyl-d14

Concen: 49.989 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF118987.D

Acq: 21 Feb 2020 4:48

Instrument :

BNA_F

ClientSampleId :

MARCY-GREEN-BH-01-A

Tot Ion:244 Resp: 1105443

Ion Ratio Lower Upper

244 100

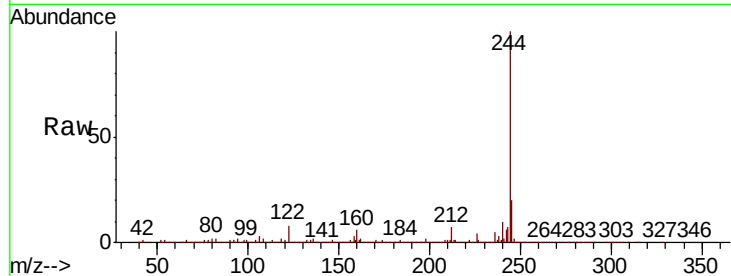
212 6.7 6.3 9.5

122 8.4 8.4 12.6

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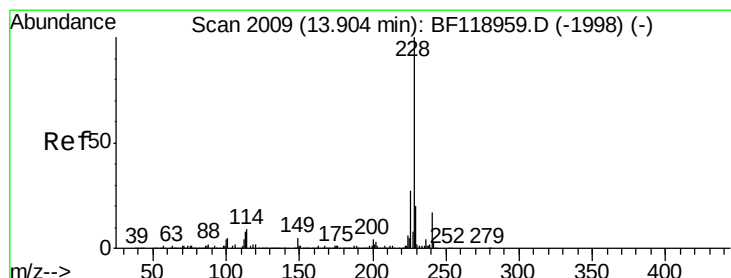
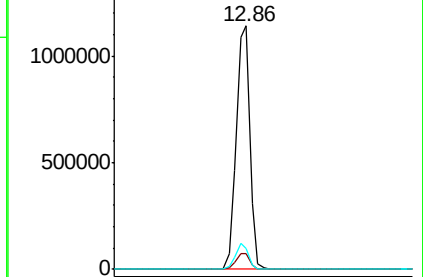
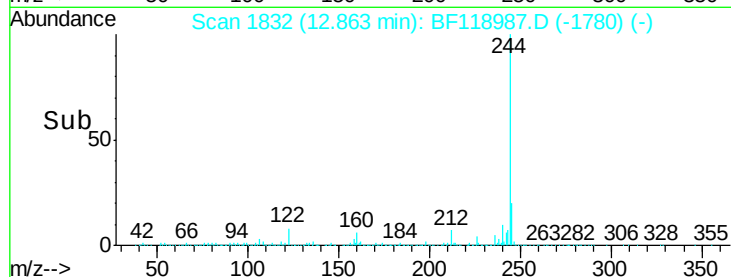
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 7.234 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF118987.D

Acq: 21 Feb 2020 4:48

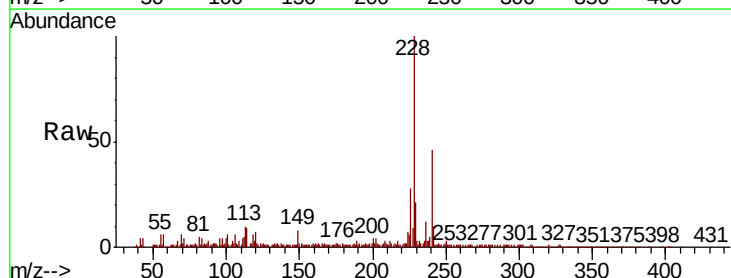
Tgt Ion:228 Resp: 187649

Ion Ratio Lower Upper

228 100

226 28.3 21.8 32.8

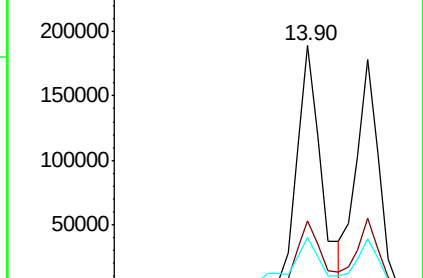
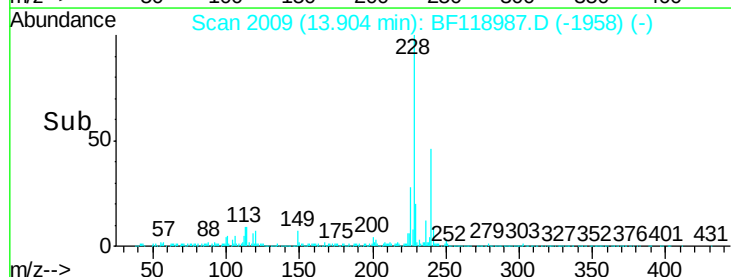
229 21.2 16.0 24.0

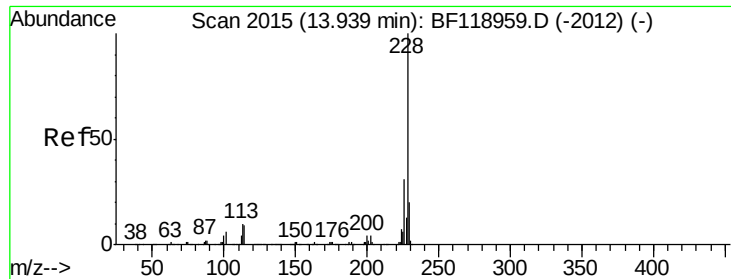


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





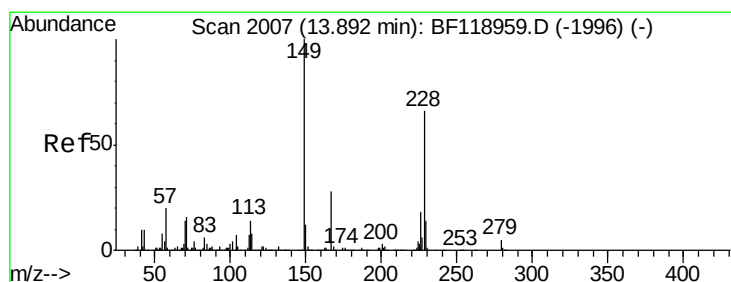
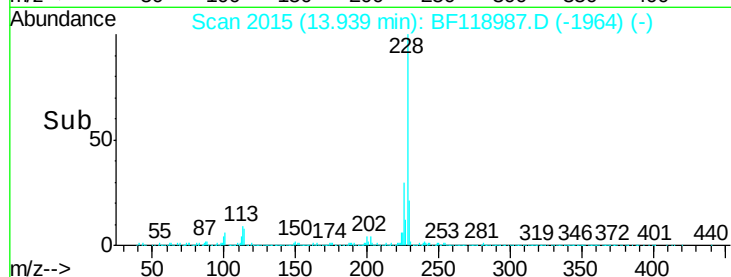
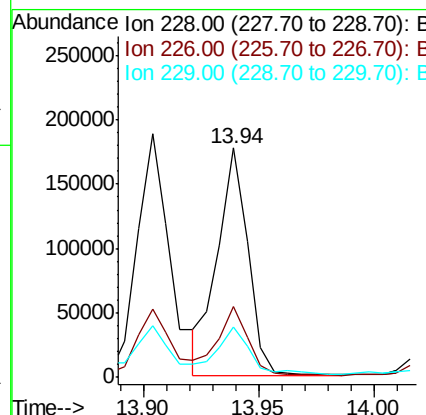
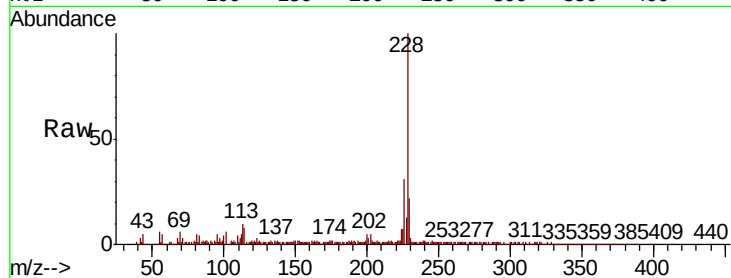
#83
Chrysene
Concen: 6.311 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Instrument :
BNA_F
ClientSampleId :
MARCY-GREEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	21.8	16.2	24.2

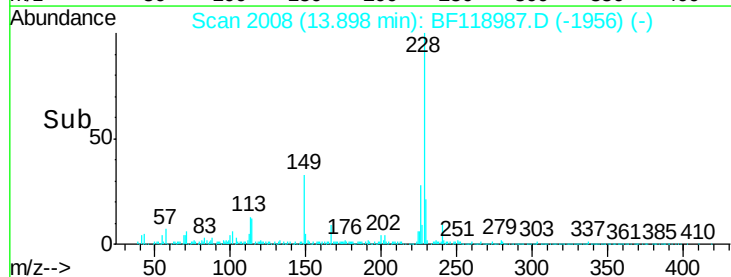
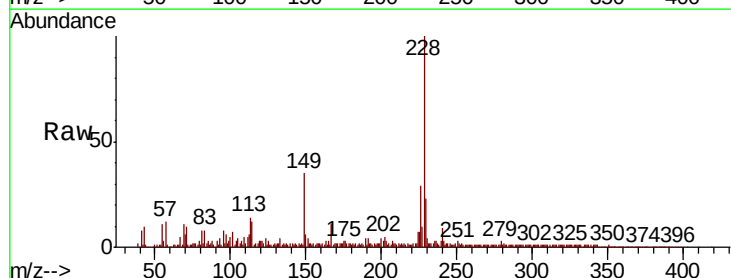
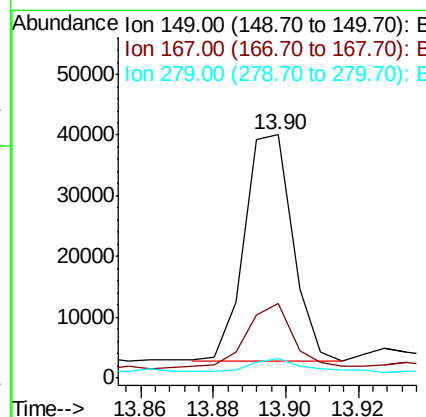
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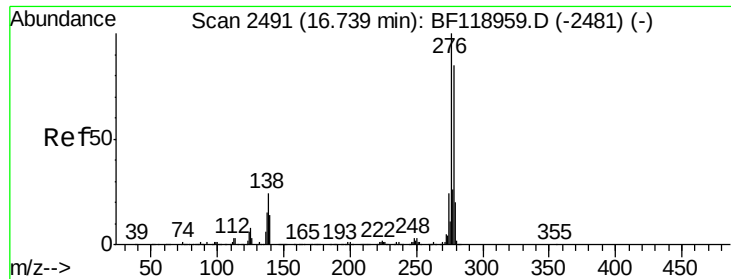
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.108 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.3	33.5
279	8.2	4.2	6.4#





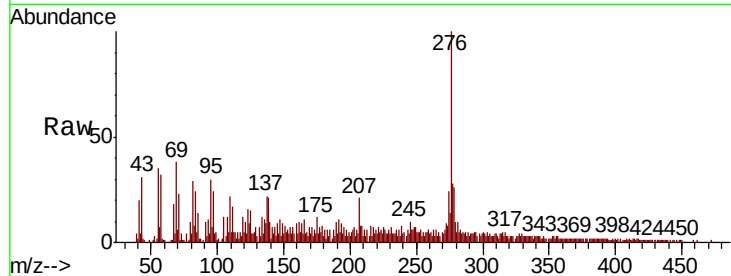
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.097 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Instrument :
BNA_F
ClientSampleId :
MARCY-GREEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.7	28.1
277	26.1	20.3	30.5

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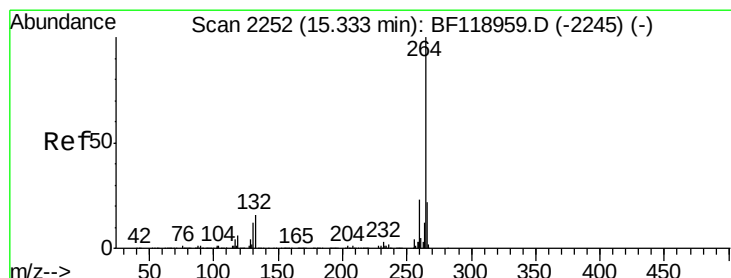
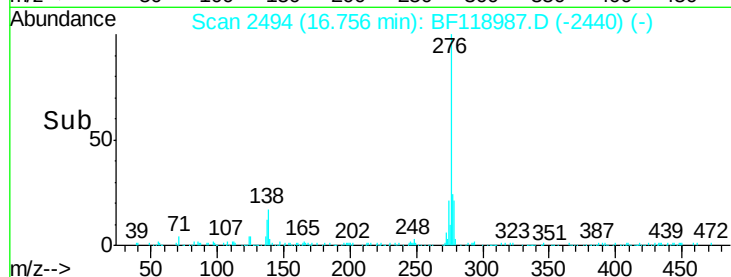
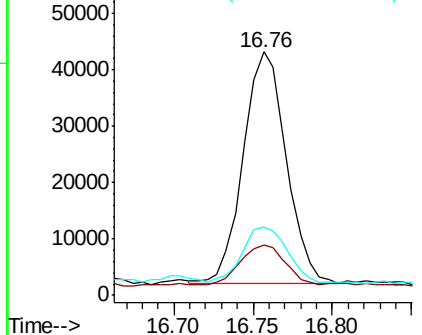


Abundance

Ion 276.00 (275.70 to 276.70): E

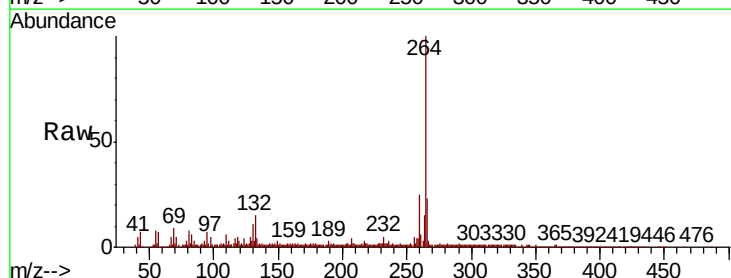
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.02 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	28.0
265	22.7	17.3	25.9

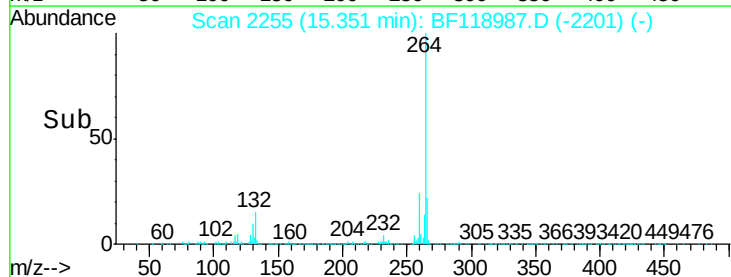
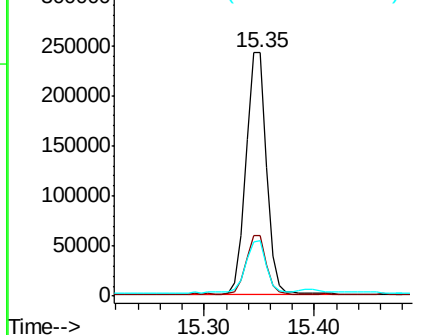


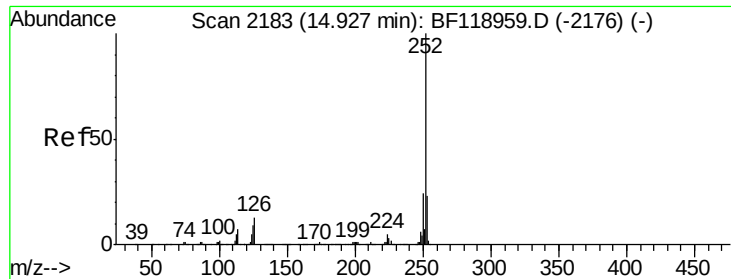
Abundance

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





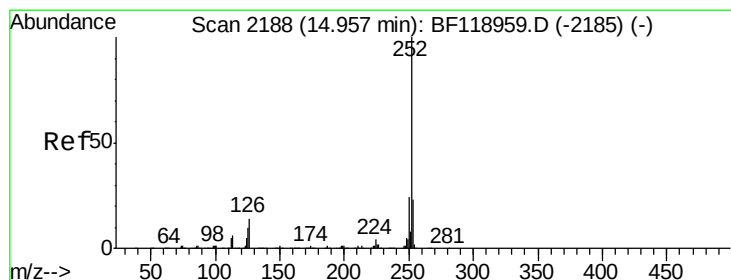
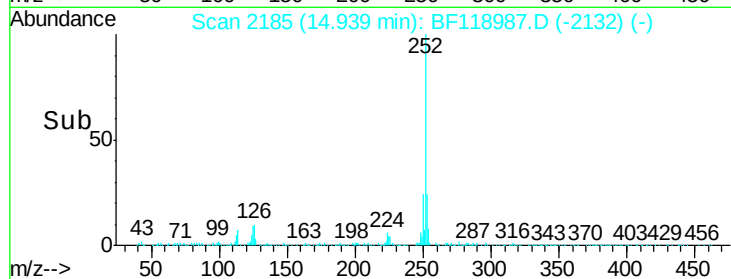
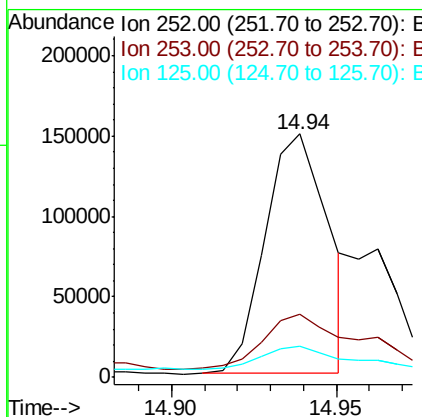
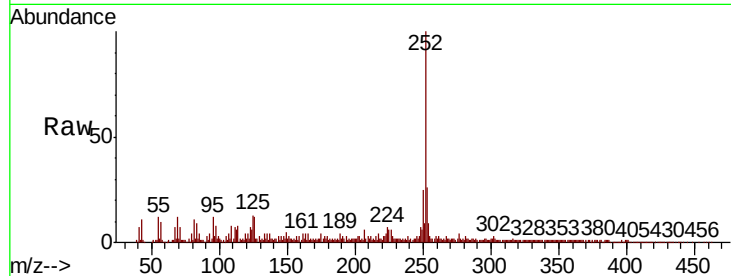
#88
Benzo(b)fluoranthene
Concen: 9.564 ng m
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Instrument :
BNA_F
ClientSampleId :
MARCY-GREEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.2
125	12.7	7.4	11.0

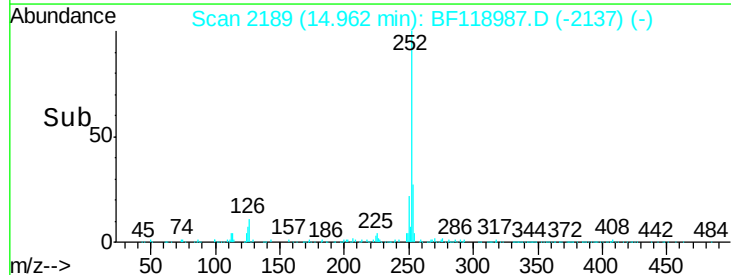
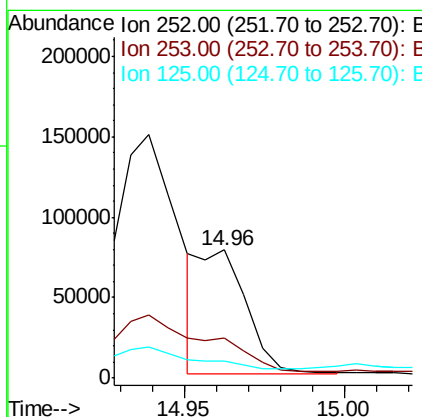
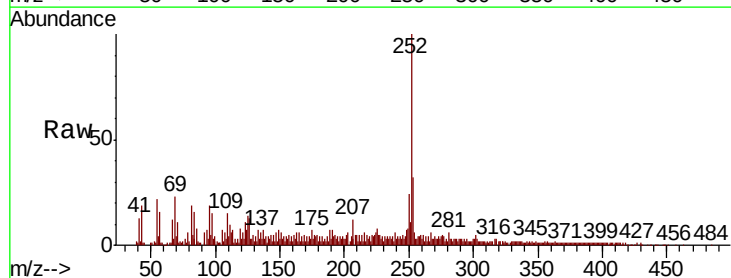
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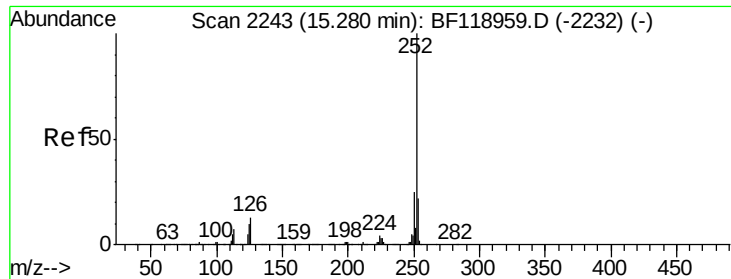
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.036 ng m
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.6	17.9	26.9
125	13.6	7.3	10.9





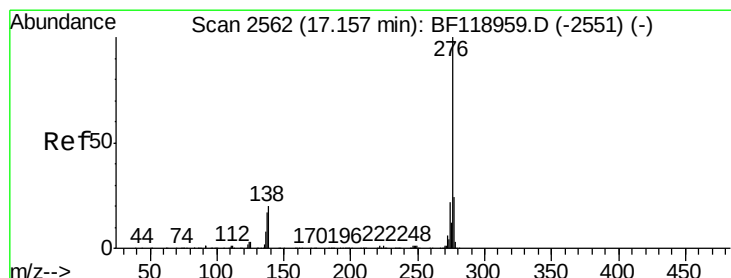
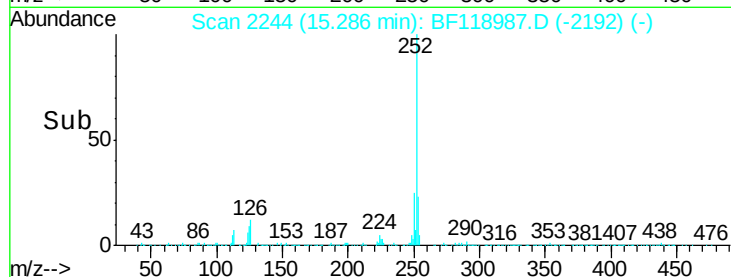
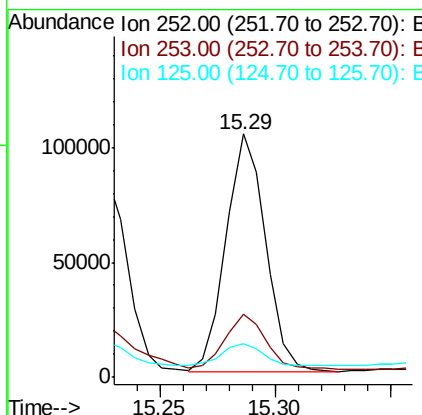
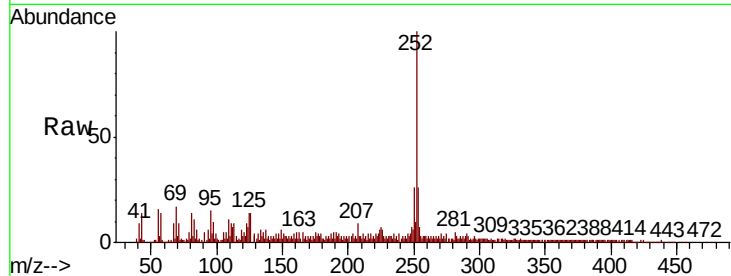
#90
Benzo(a)pyrene
Concen: 6.595 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Instrument :
BNA_F
ClientSampleId :
MARCY-GREEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.9	26.9
125	13.9	7.8	11.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.759 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.03 min
Lab File: BF118987.D
Acq: 21 Feb 2020 4:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.2	28.8
138	19.4	16.2	24.4

