

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119906.D
 Acq On : 10 Apr 2020 20:27
 Operator : MA/SJ
 Sample : L2205-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-B

Manual Integrations
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Quant Time: Apr 11 06:06:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	184252	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	661383	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	302867	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	473870	20.00	ng	0.00
76) Chrysene-d12	13.93	240	331548	20.00	ng	0.00
87) Perylene-d12	15.36	264	310231	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	901540	84.56	ng	0.00
7) Phenol-d6	6.39	99	1144336	83.30	ng	0.00
23) Nitrobenzene-d5	7.32	82	708257	55.40	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	243001	65.53	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1232221	57.76	ng	0.00
79) Terphenyl-d14	12.87	244	953485	48.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.51	163	226504	9.669	ng	98
71) Phenanthrene	11.30	178	252838	10.025	ng	99
72) Anthracene	11.36	178	83472	3.240	ng	98
75) Fluoranthene	12.50	202	540180	19.851	ng	98
78) Pyrene	12.73	202	515446	18.442	ng	98
81) Benzo(a)anthracene	13.92	228	250825	11.500	ng	97
83) Chrysene	13.95	228	227889m	10.283	ng	
86) Indeno(1,2,3-cd)pyrene	16.77	276	95921	4.910	ng	97
88) Benzo(b)fluoranthene	14.95	252	278389m	12.474	ng	
89) Benzo(k)fluoranthene	14.97	252	70357m	3.654	ng	
90) Benzo(a)pyrene	15.30	252	185323	9.876	ng	# 92
92) Benzo(a,h,i)perylene	17.20	276	88343	5.385	ng	95

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

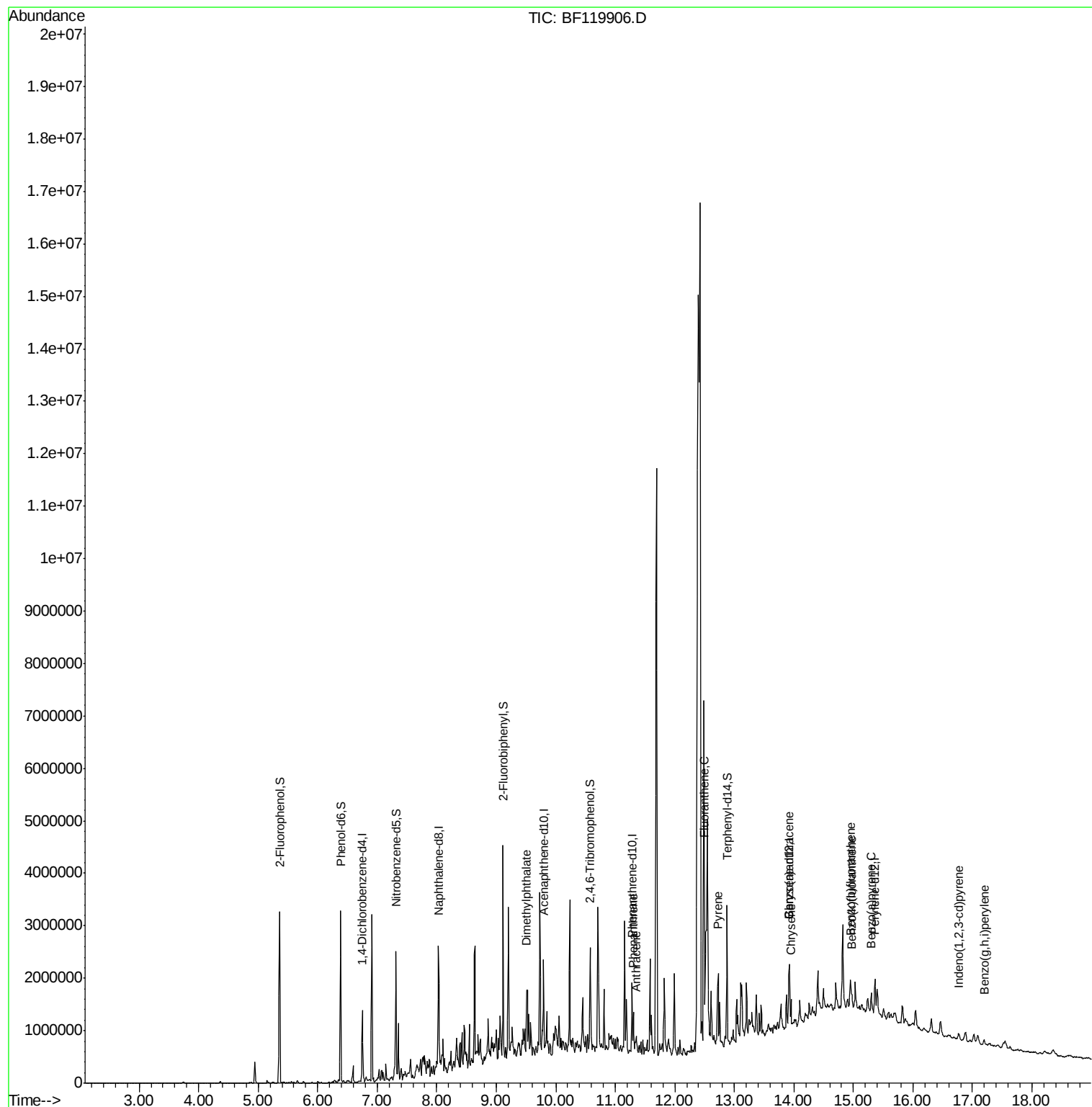
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119906.D
Acq On : 10 Apr 2020 20:27
Operator : MA/SJ
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ALS Vial : 17 Sample Multiplier: 1

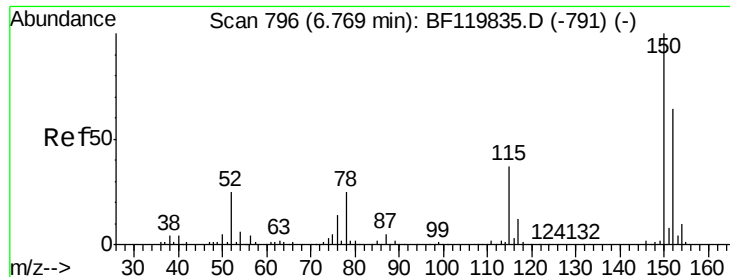
Instrument :
BNA_F
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Quant Time: Apr 11 06:06:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

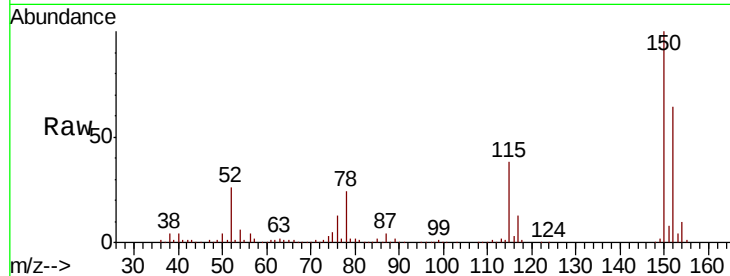
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.8	187.2
115	59.3	46.5	69.7

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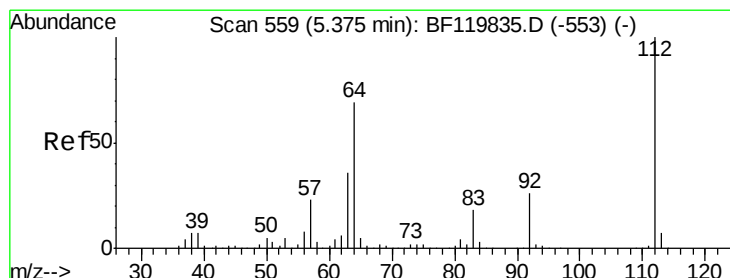
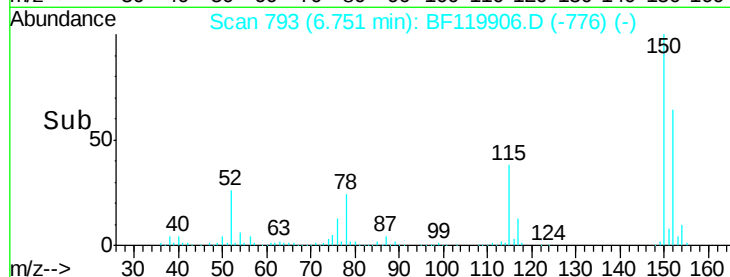
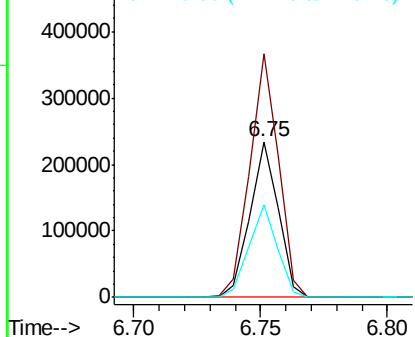


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

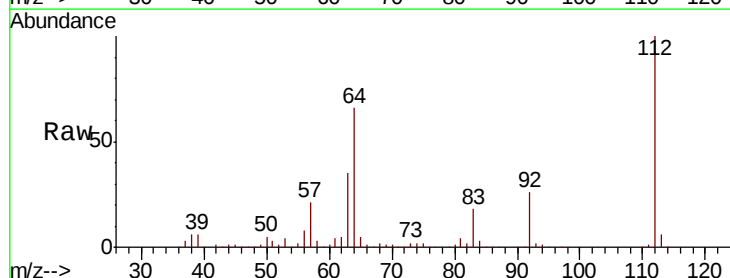
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.560 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	55.5	83.3
63	34.5	29.1	43.7

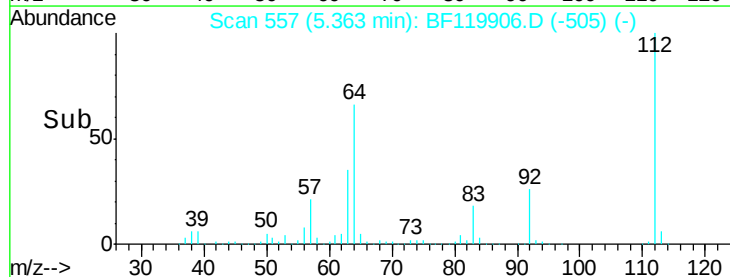
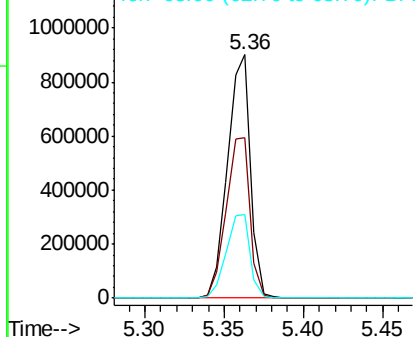


Abundance

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: 83.297 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119906.D

Acq: 10 Apr 2020 20:27

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-B

Tot Ion: 99 Resp: 1144336

Ion Ratio Lower Upper

99 100

42 20.3 16.9 25.3

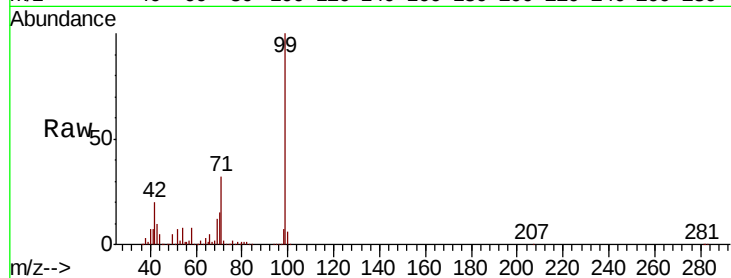
71 32.2 26.3 39.5

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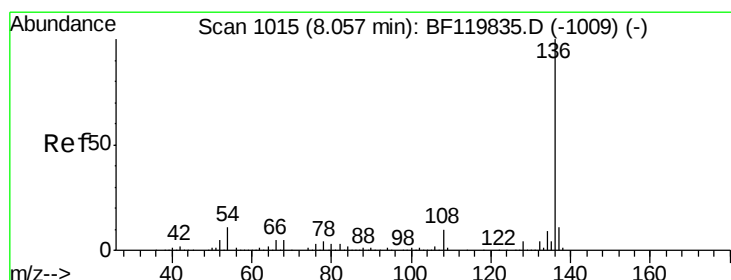
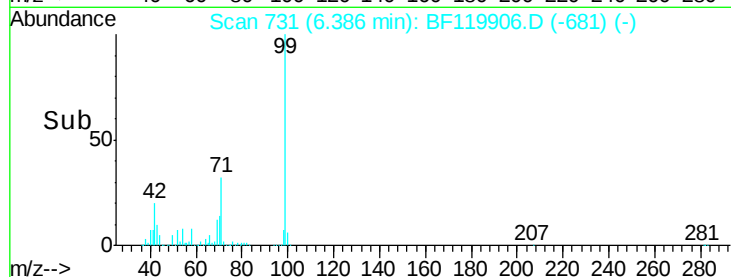
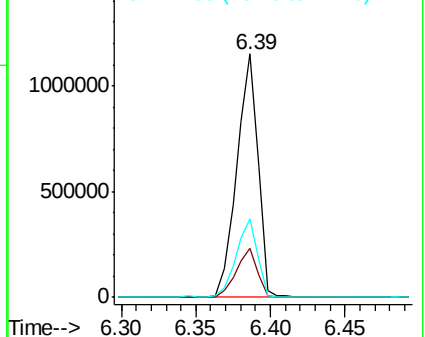


Abundance

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: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF119906.D

Acq: 10 Apr 2020 20:27

Tgt Ion: 136 Resp: 661383

Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.9 8.5 12.7

68 5.6 3.9 5.9

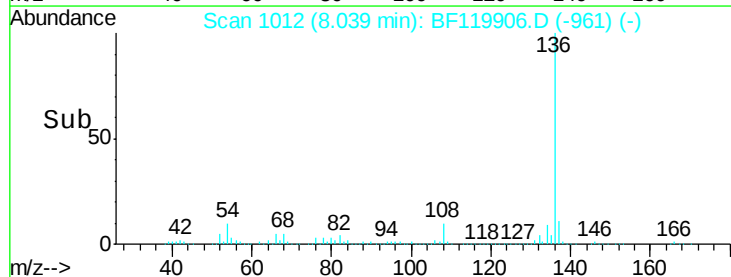
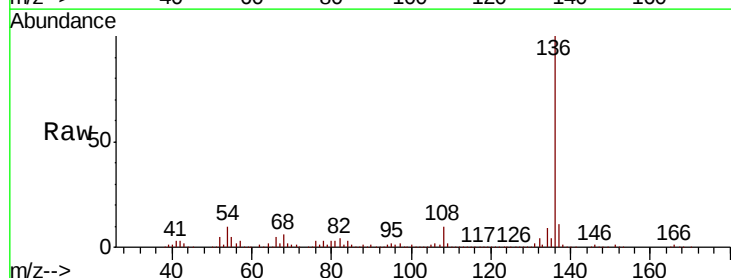
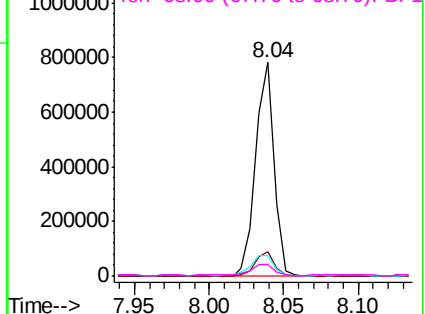
Abundance

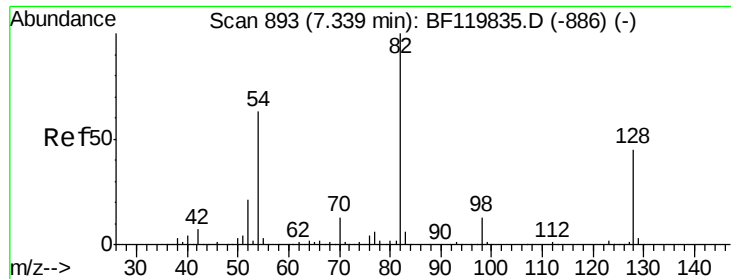
Ion 136.00 (135.70 to 136.70): E

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





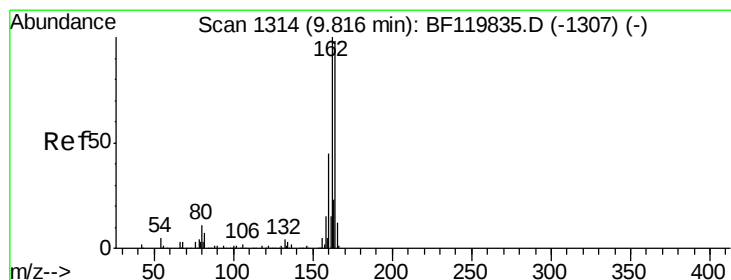
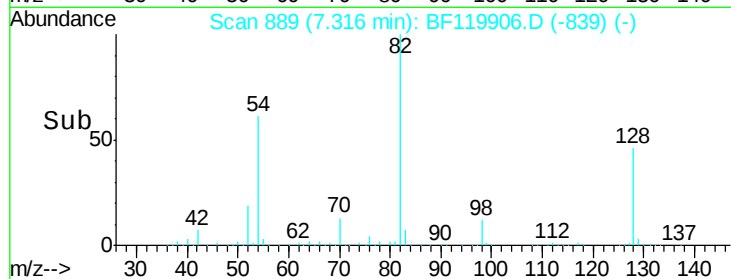
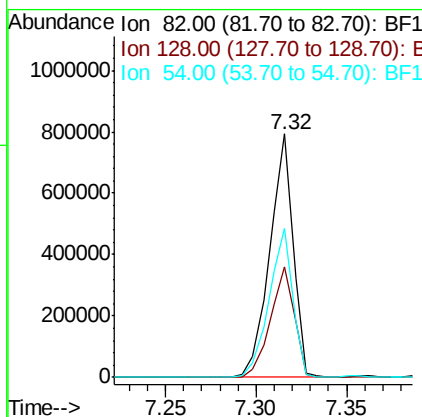
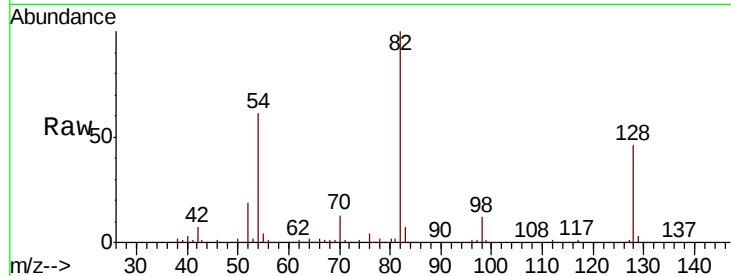
#23
 Nitrobenzene-d5
 Concen: 55.400 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119906.D
 Acq: 10 Apr 2020 20:27

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-B

Tot Ion	82	Resp	708257
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.2	54.4
54	61.3	50.4	75.6

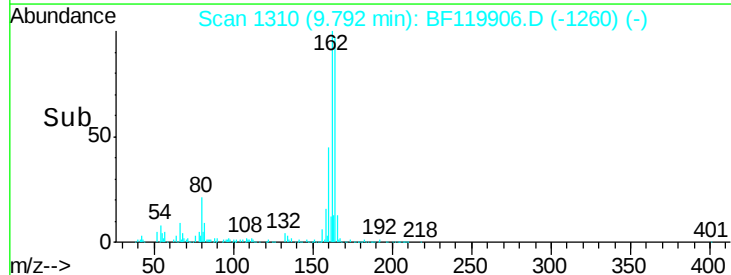
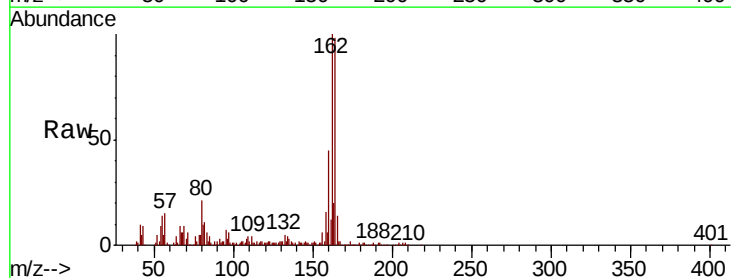
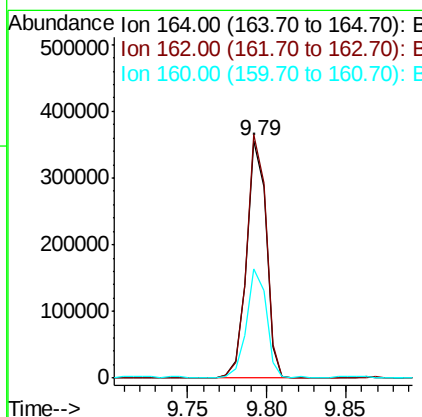
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF119906.D
 Acq: 10 Apr 2020 20:27

Tgt Ion	164	Resp	302867
Ion Ratio	Lower	Upper	
164	100		
162	102.5	81.9	122.9
160	46.2	36.6	54.8





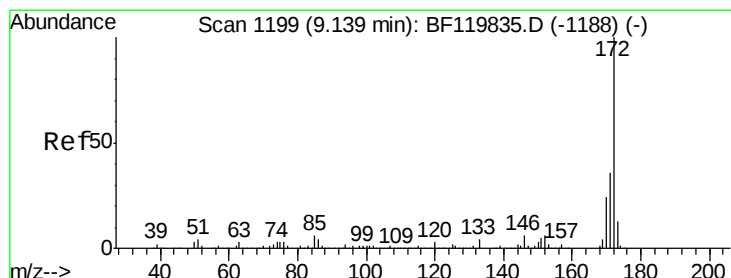
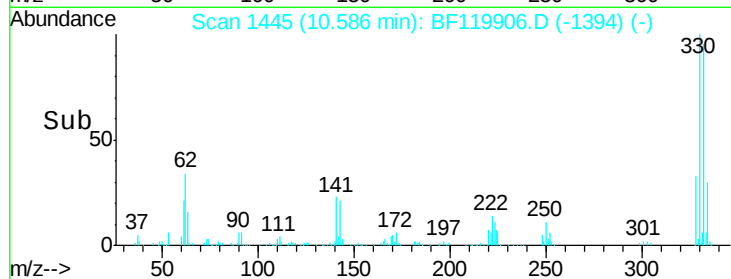
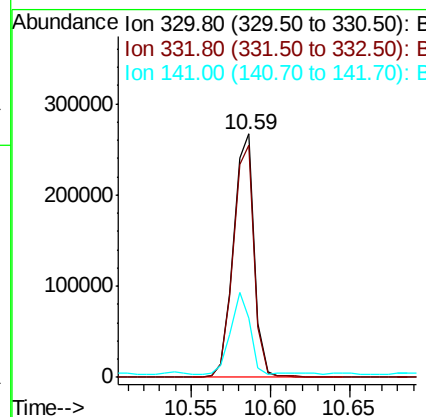
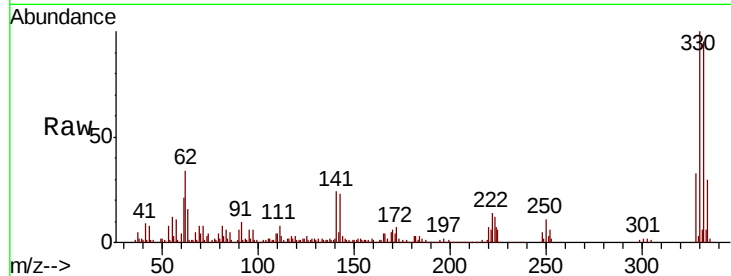
#42
 2,4,6-Tribromophenol
 Concen: 65.532 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF119906.D
 Acq: 10 Apr 2020 20:27

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	243001		
332	95.8	76.8	115.2	
141	30.8	25.1	37.7	

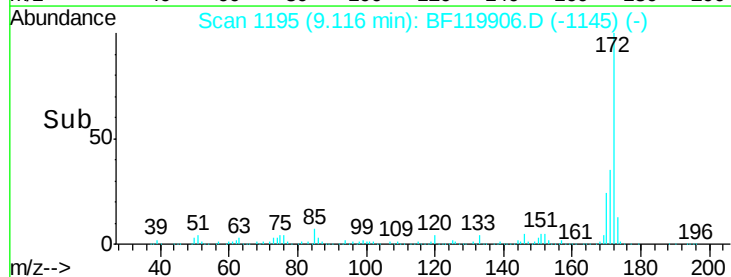
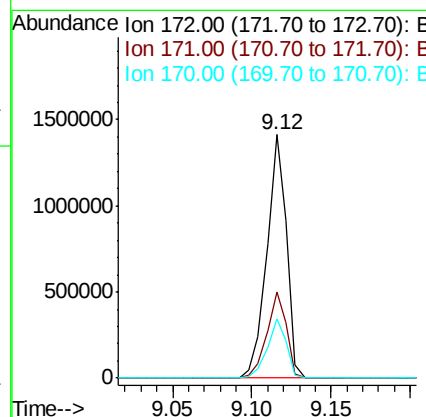
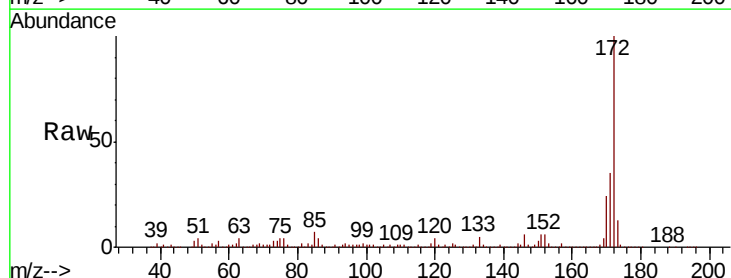
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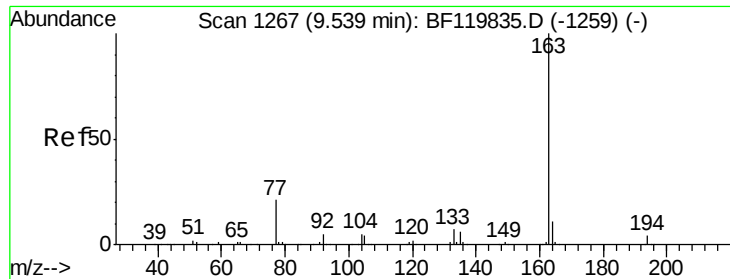
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#45
 2-Fluorobiphenyl
 Concen: 57.764 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119906.D
 Acq: 10 Apr 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1232221		
171	35.5	28.9	43.3	
170	24.2	19.4	29.2	





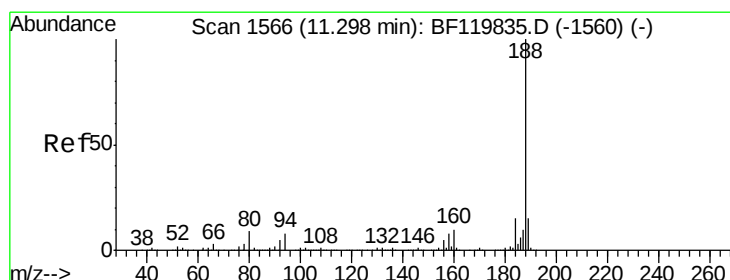
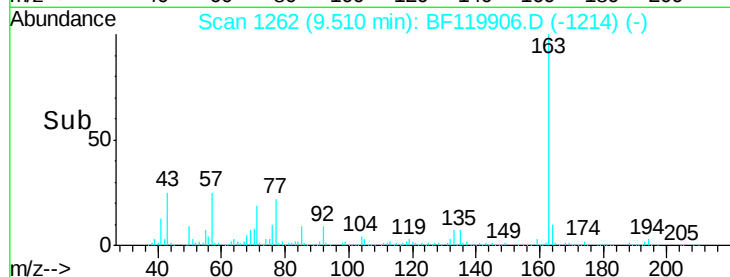
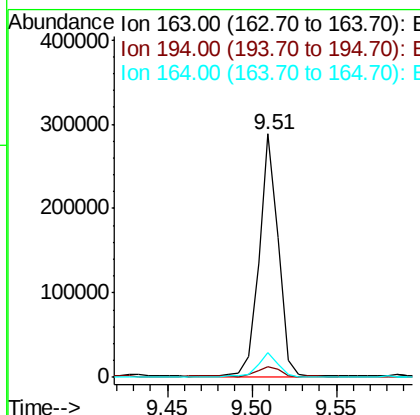
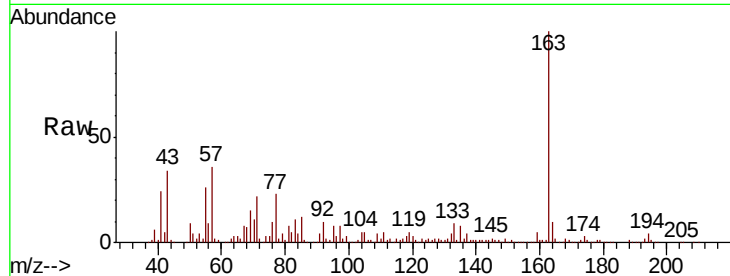
#50
Dimethylphthalate
Concen: 9.669 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		226504		
194	4.4		3.0	4.4	
164	9.9		8.4	12.6	

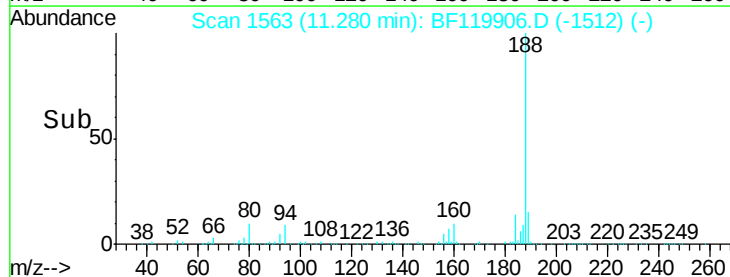
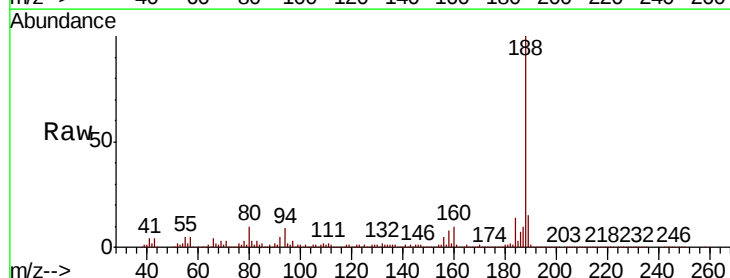
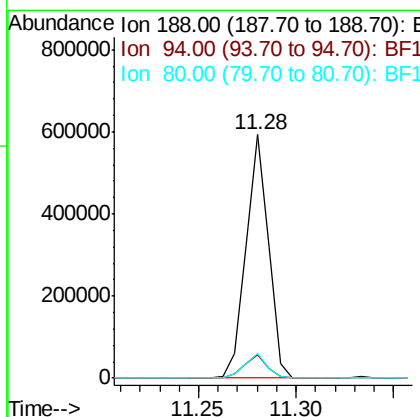
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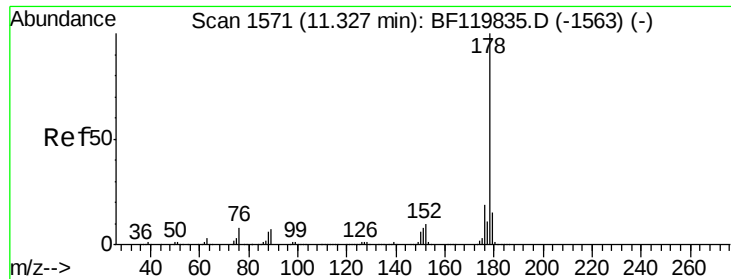
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		473870		
94	9.4		6.7	10.1	
80	9.9		7.4	11.2	





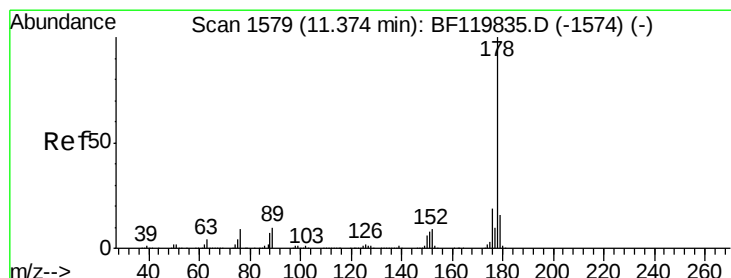
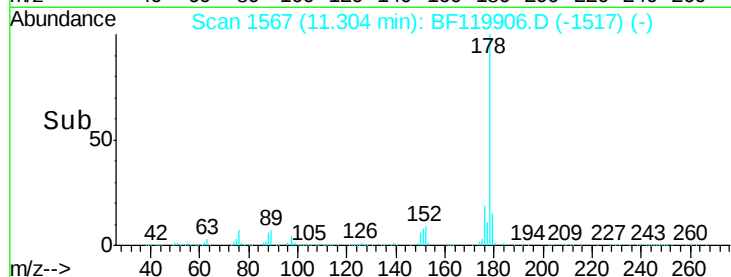
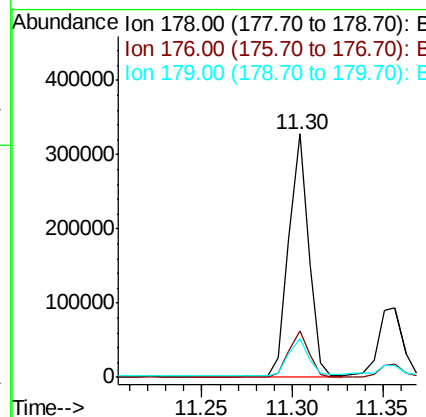
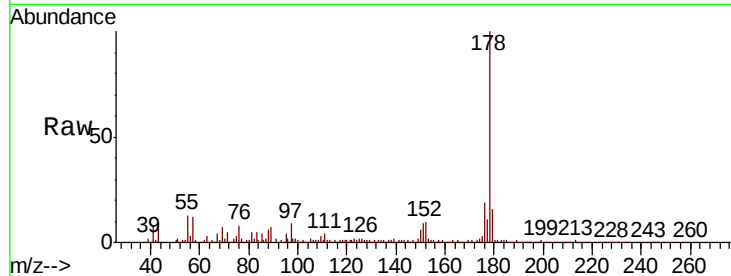
#71
Phenanthrene
Concen: 10.025 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.1	12.2	18.4

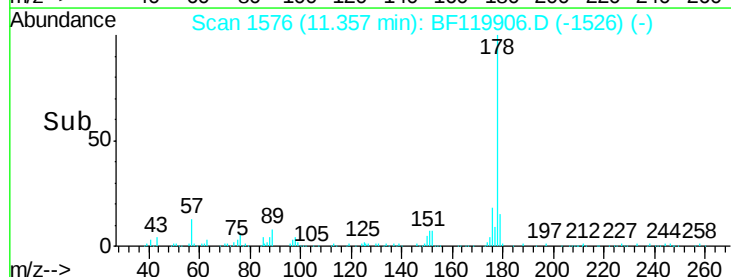
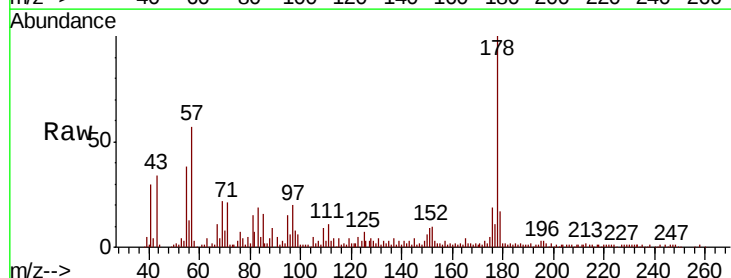
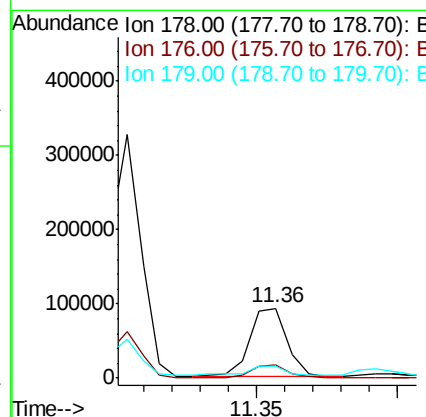
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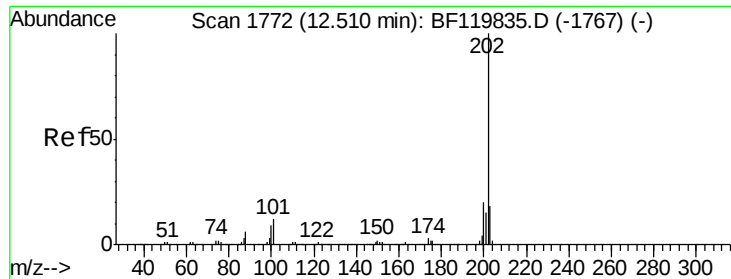
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#72
Anthracene
Concen: 3.240 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.9	12.8	19.2





#75

Fluoranthene

Concen: 19.851 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BF119906.D

Acq: 10 Apr 2020 20:27

Instrument :

BNA_F

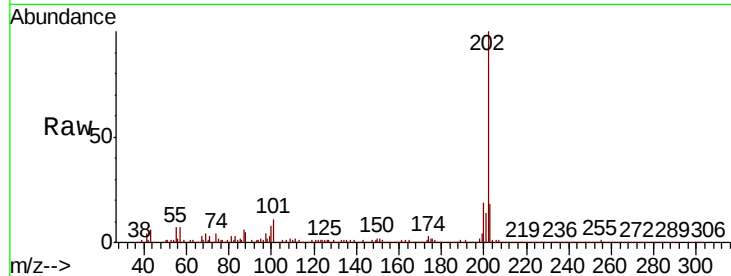
ClientSampleId :

JC-02-04082020-B

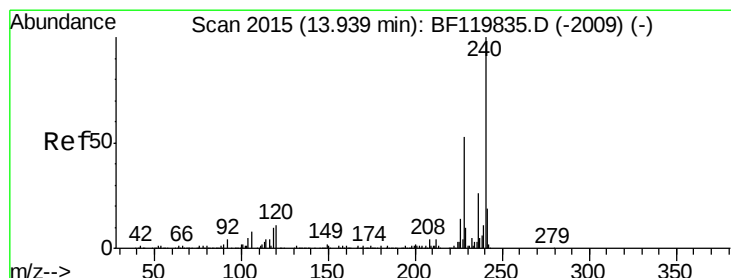
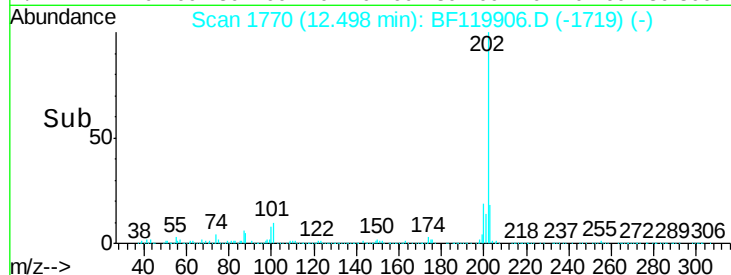
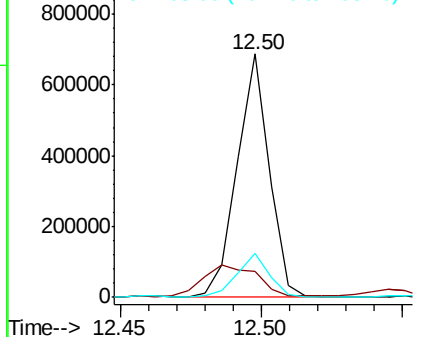
Tot Ion:	202	Resp:	540180
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	32.3
203	18.0	0.0	37.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

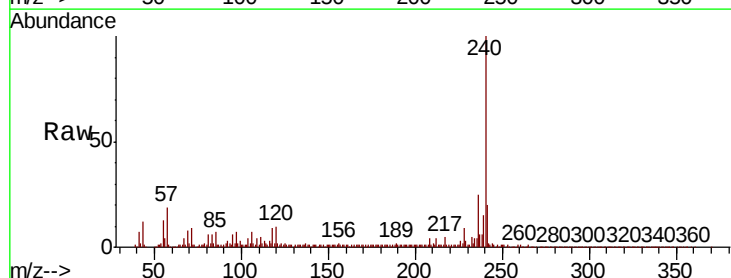
RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

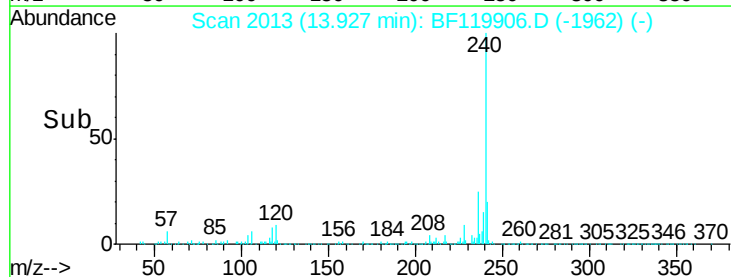
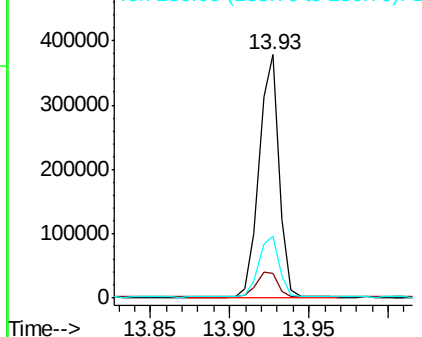
Lab File: BF119906.D

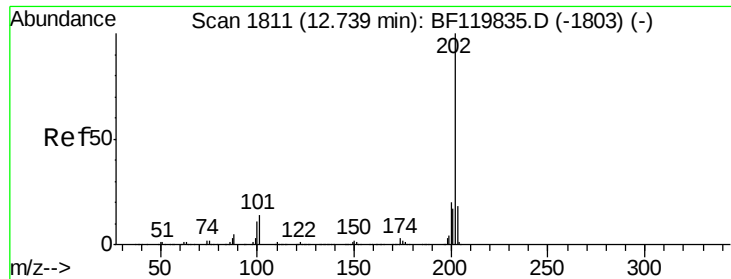
Acq: 10 Apr 2020 20:27

Tgt Ion:	240	Resp:	331548
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.0	13.6
236	25.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





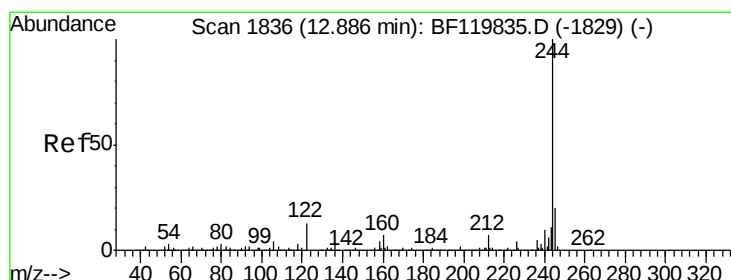
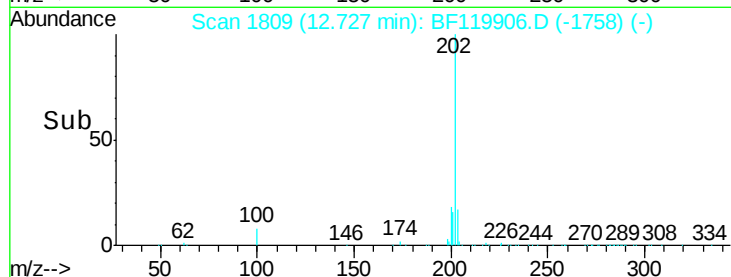
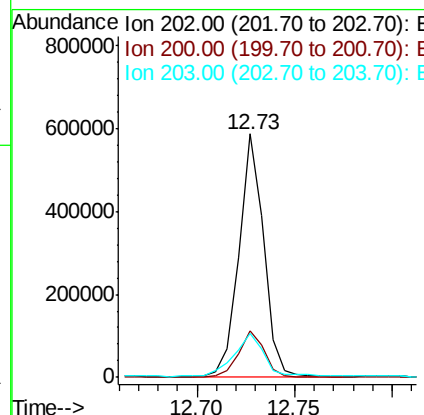
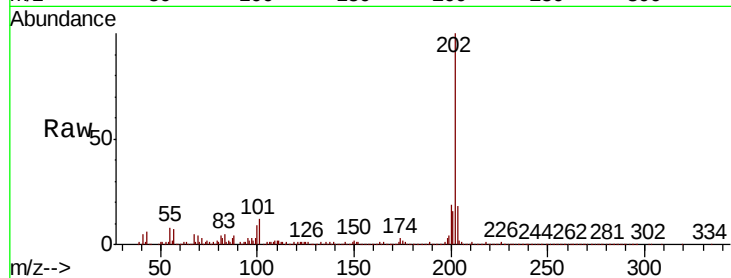
#78
Pvrene
Concen: 18.442 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.1	16.2	24.2
203	18.1	14.1	21.1

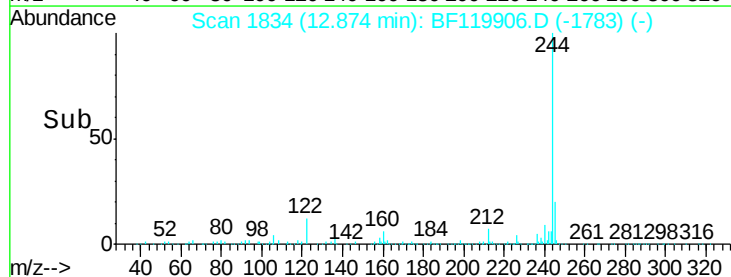
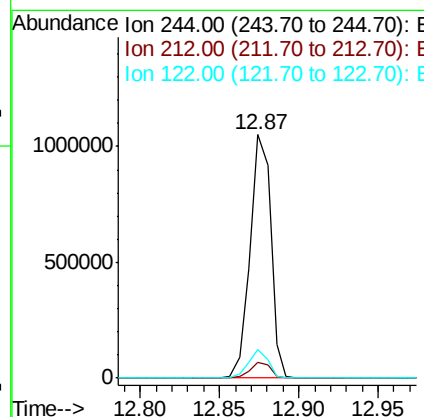
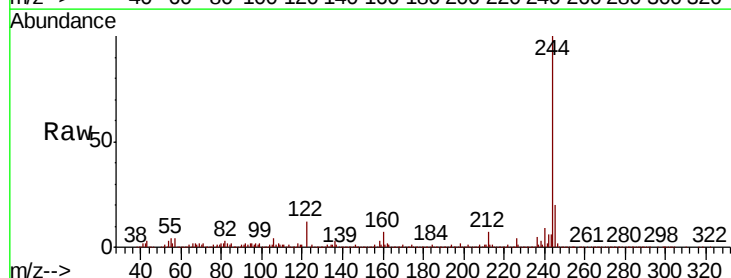
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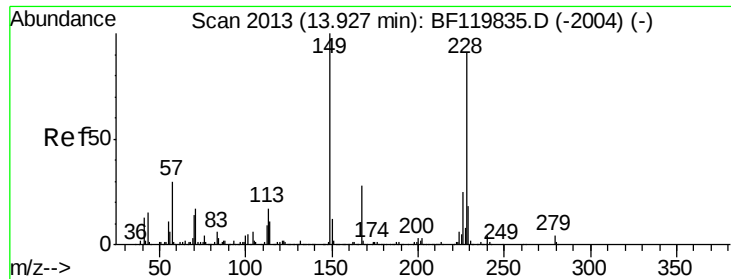
mohammad
4/14/2020 3:39:22 PM



#79
Terphenyl-d14
Concen: 48.391 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.9	10.3	15.5





#81

Benzo(a)anthracene

Concen: 11.500 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF119906.D

Acq: 10 Apr 2020 20:27

Instrument :

BNA_F

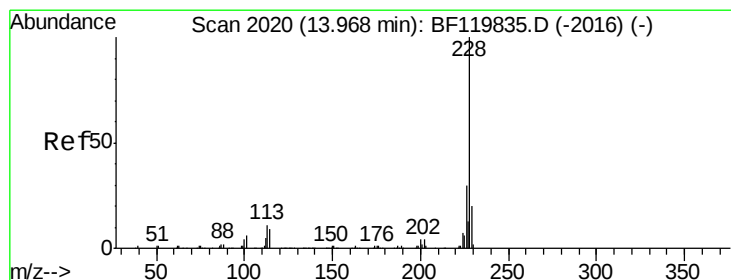
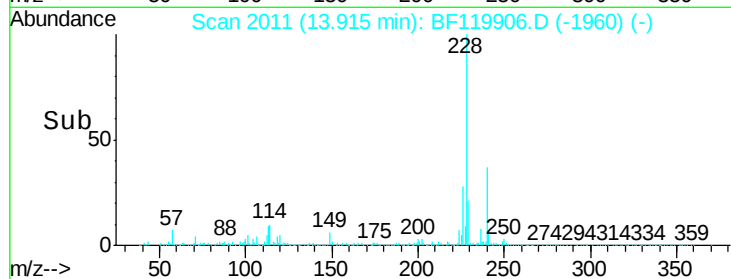
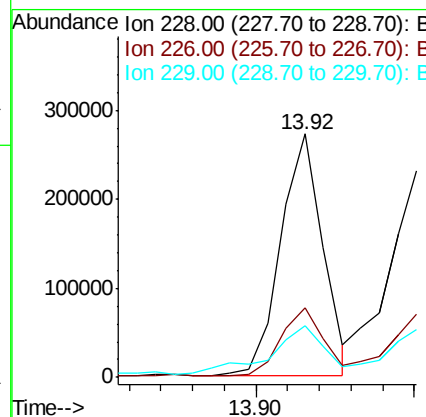
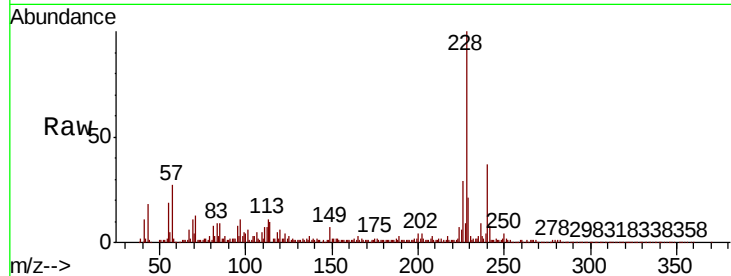
ClientSampleId :

JC-02-04082020-B

Tot Ion:	228	Resp:	250825
Ion Ratio	Lower	Upper	
228	100		
226	28.7	21.9	32.9
229	21.3	15.9	23.9

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#83

Chrysene

Concen: 10.283 ng m

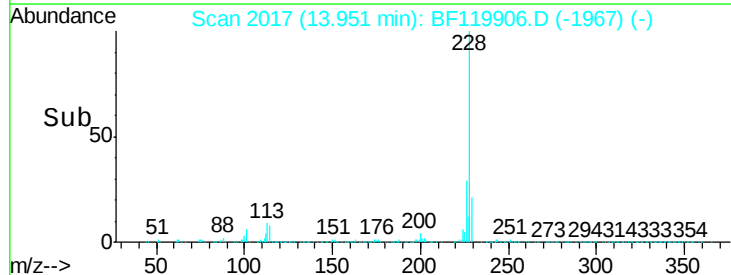
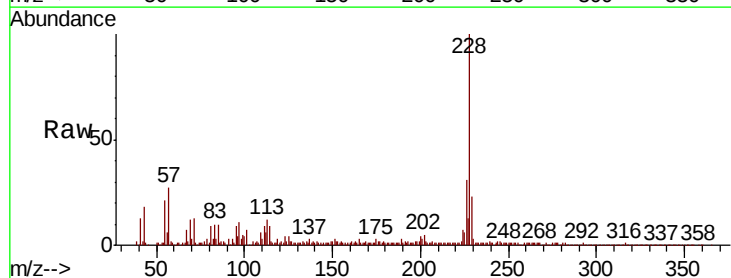
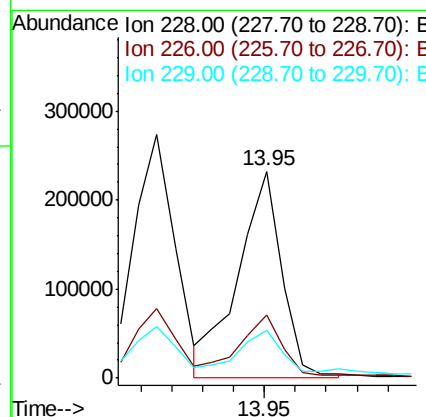
RT: 13.95 min Scan# 2017

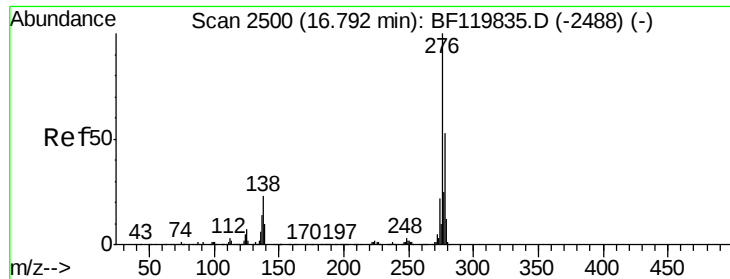
Delta R.T. -0.01 min

Lab File: BF119906.D

Acq: 10 Apr 2020 20:27

Tgt Ion:	228	Resp:	227889
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.2
229	23.3	15.9	23.9





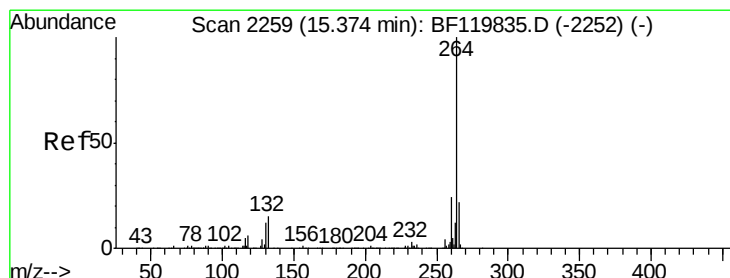
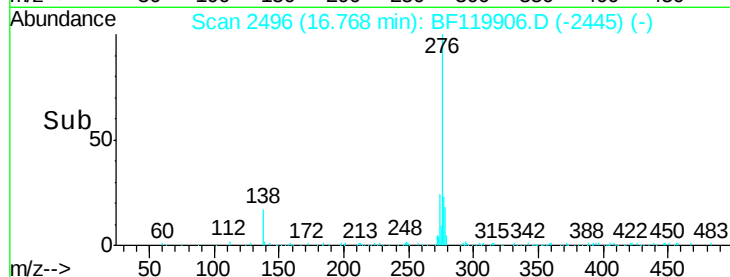
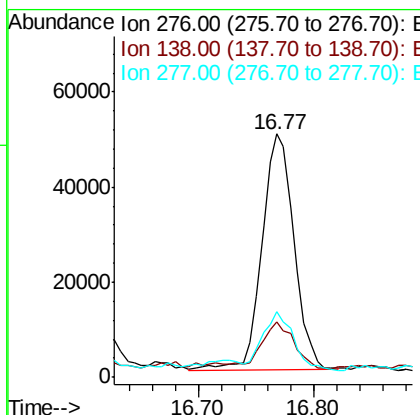
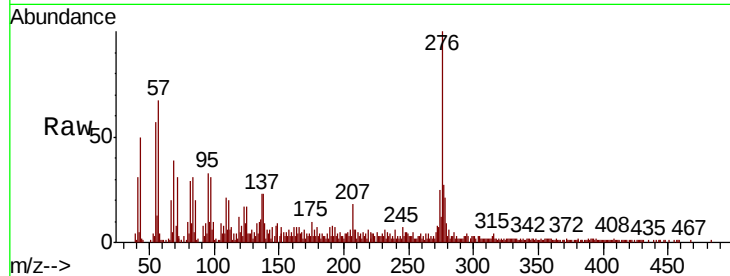
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.910 ng
RT: 16.77 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.0	27.0
277	25.0	20.1	30.1

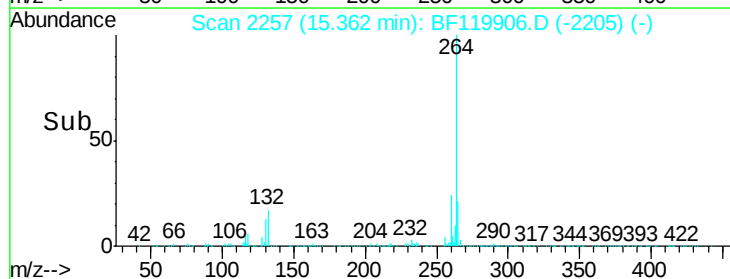
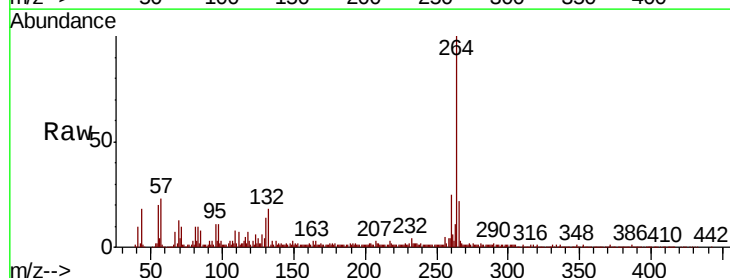
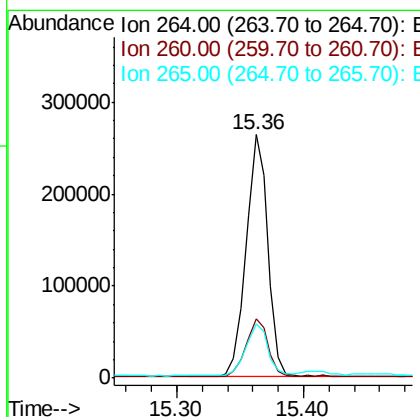
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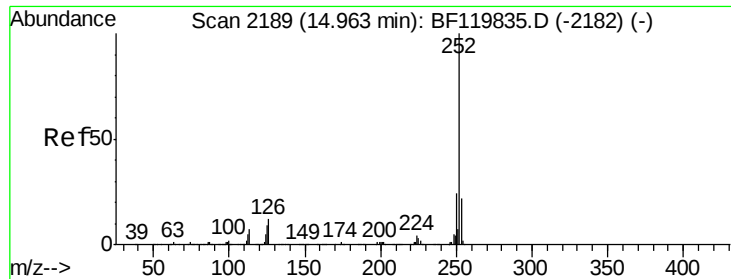
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.4	17.6	26.4





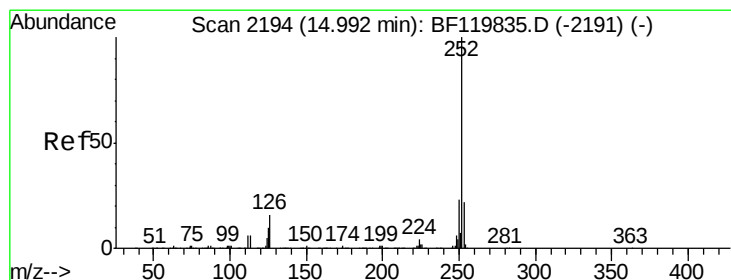
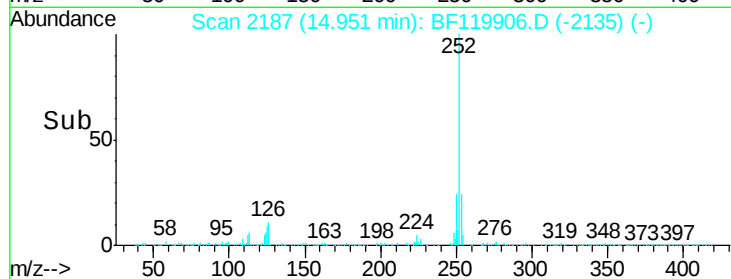
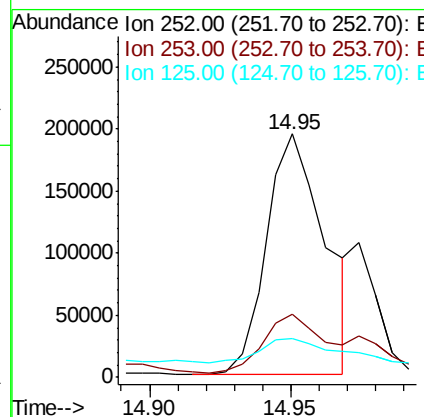
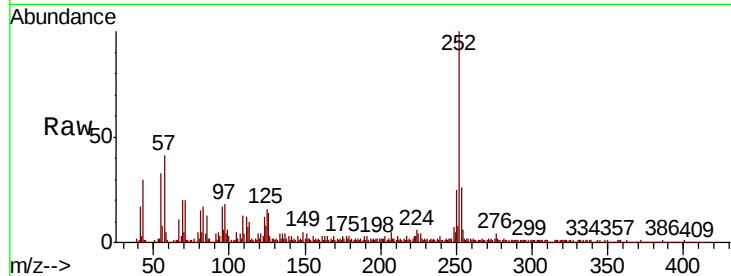
#88
Benzo(b)fluoranthene
Concen: 12.474 ng m
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.7	26.5
125	16.0	7.4	11.2

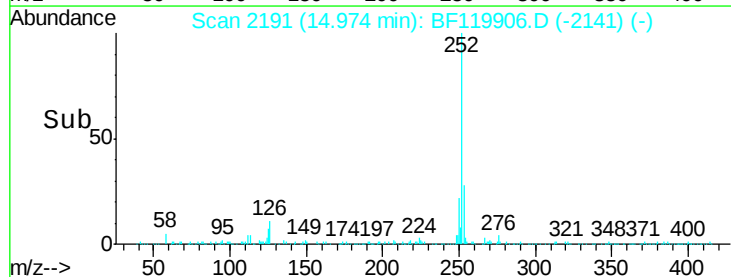
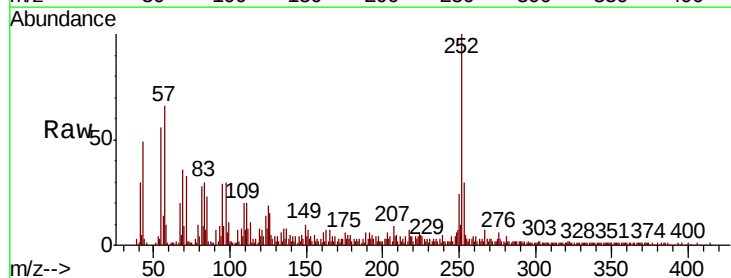
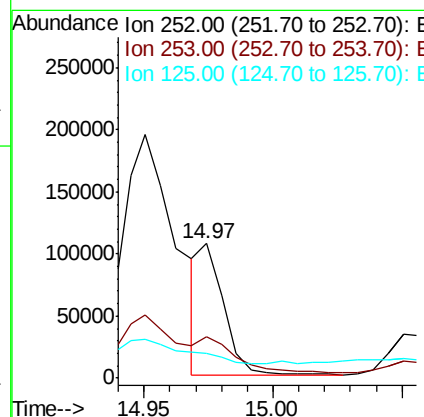
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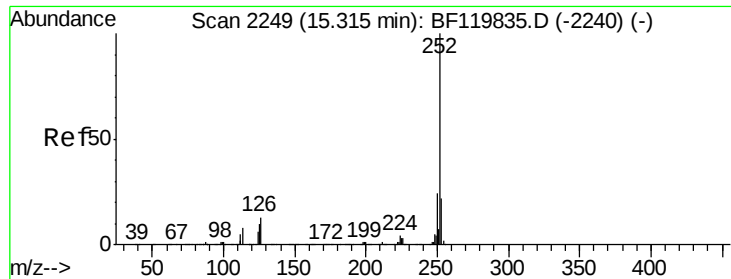
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.654 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.8	26.8
125	18.7	7.7	11.5





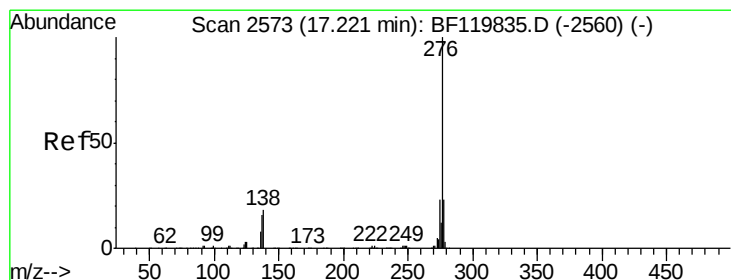
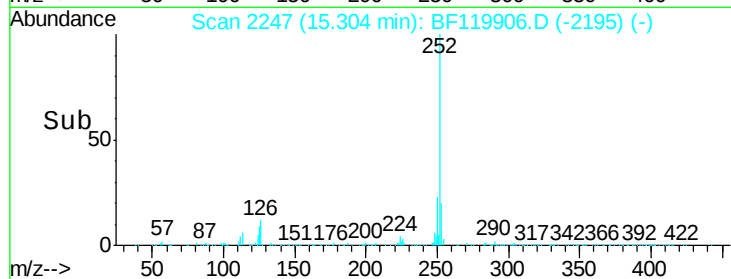
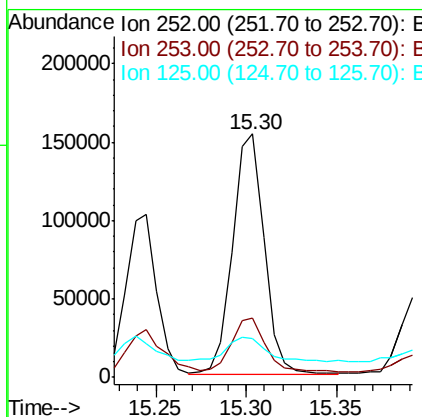
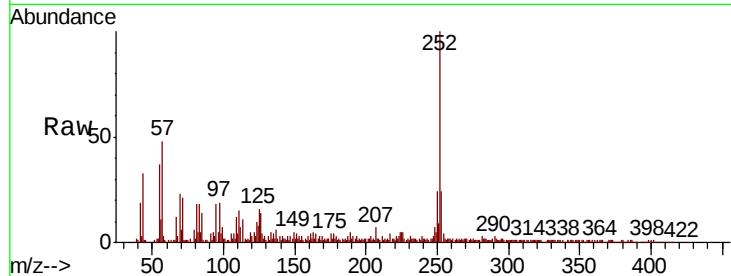
#90
Benzo(a)pyrene
Concen: 9.876 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	16.1	8.3	12.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.385 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BF119906.D
Acq: 10 Apr 2020 20:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	21.9	14.6	22.0

