

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120069.D
 Acq On : 17 Apr 2020 19:48
 Operator : MA/SJ
 Sample : L2242-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Manual Integrations
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mohammad
 4/21/2020 8:22:48 AM

Quant Time: Apr 18 04:37:44 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 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	151716	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	510163	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	208886	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	357597	20.00	ng	0.00
76) Chrysene-d12	13.89	240	252266	20.00	ng	-0.01
87) Perylene-d12	15.32	264	210579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	812081	92.50	ng	0.00
7) Phenol-d6	6.37	99	1035785	91.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	616228	62.49	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	162428	63.51	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	985273	66.97	ng	0.00
79) Terphenyl-d14	12.84	244	890269	59.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	157144	9.726	ng	99
71) Phenanthrene	11.27	178	66855	3.513	ng	99
75) Fluoranthene	12.47	202	109300	5.323	ng	95
78) Pyrene	12.69	202	94532	4.445	ng	98
81) Benzo(a)anthracene	13.89	228	51075	3.078	ng	93
83) Chrysene	13.92	228	54301	3.220	ng	95
88) Benzo(b)fluoranthene	14.91	252	57740m	3.812	ng	
90) Benzo(a)pyrene	15.26	252	40222	3.158	ng	# 90

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

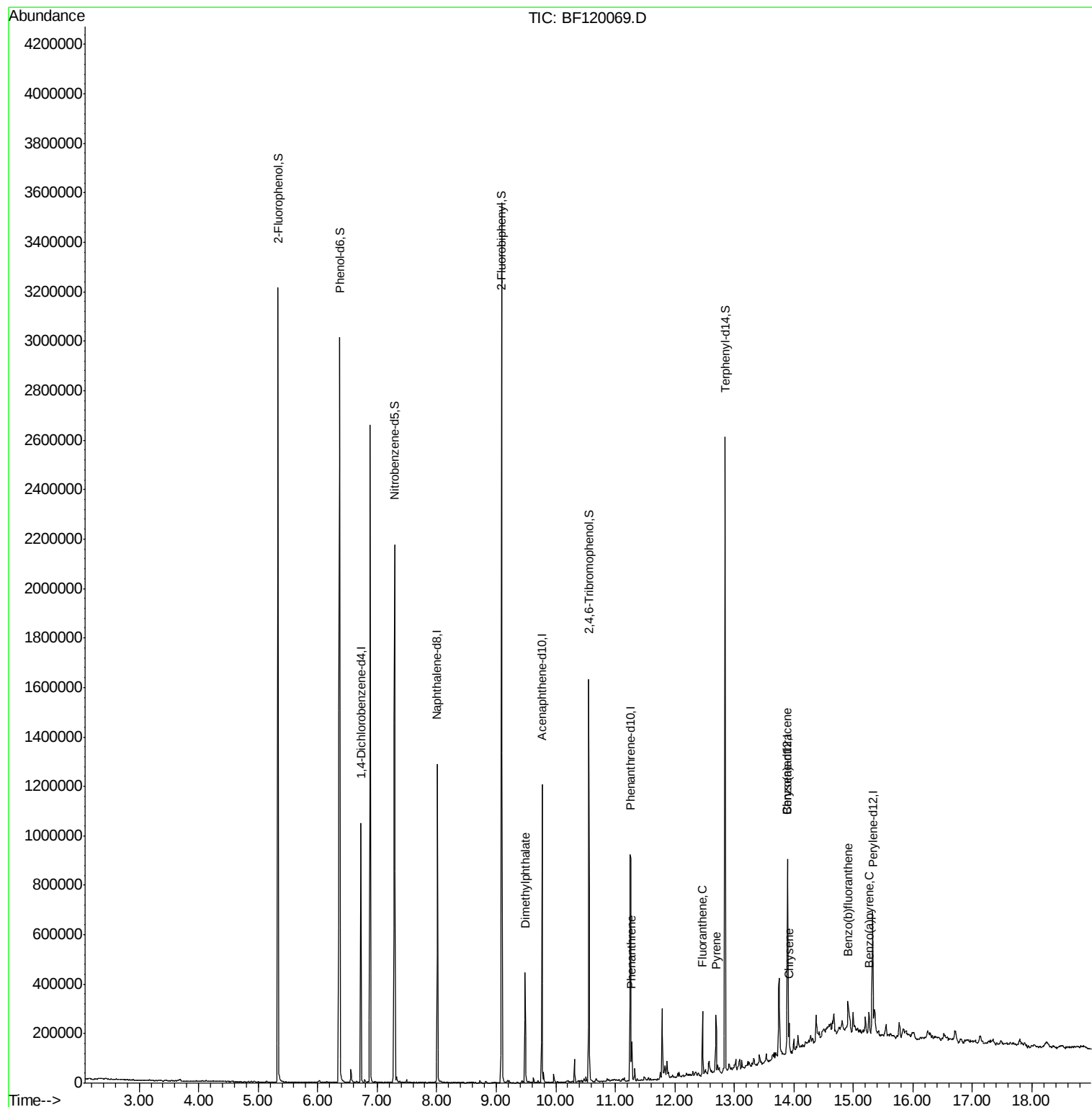
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120069.D
Acq On : 17 Apr 2020 19:48
Operator : MA/SJ
Sample : L2242-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

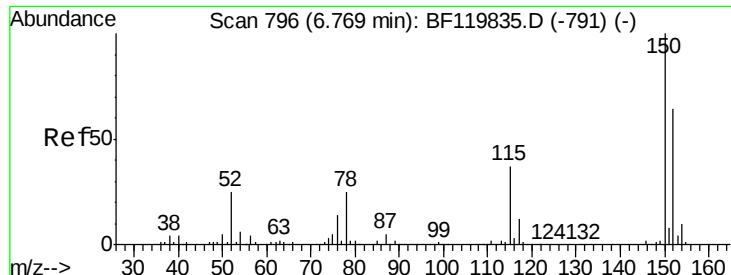
Instrument :
BNA_F
ClientSampled :
B-1

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#1

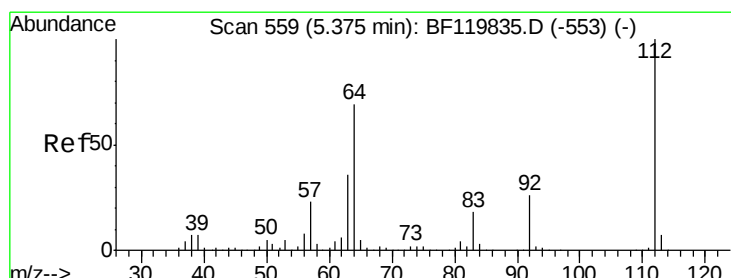
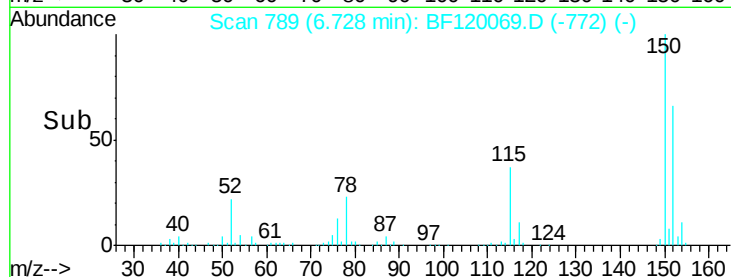
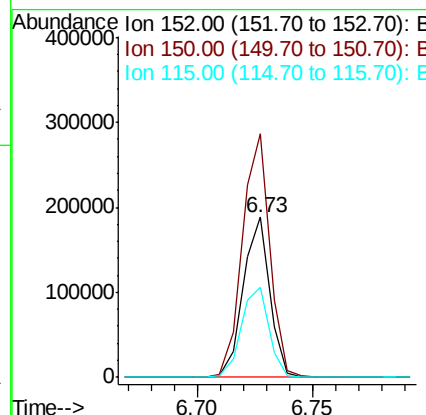
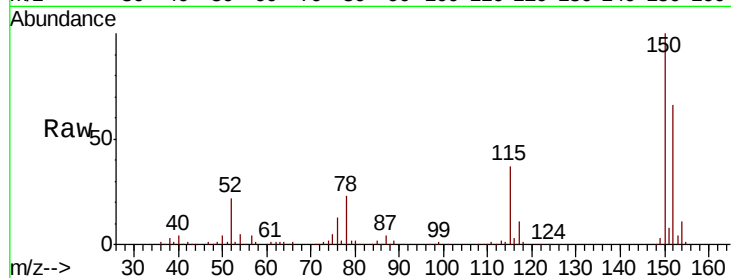
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion	Ratio	Resp	Lower	Upper
152	100	151716		
150	152.1	124.8	187.2	
115	56.4	46.5	69.7	

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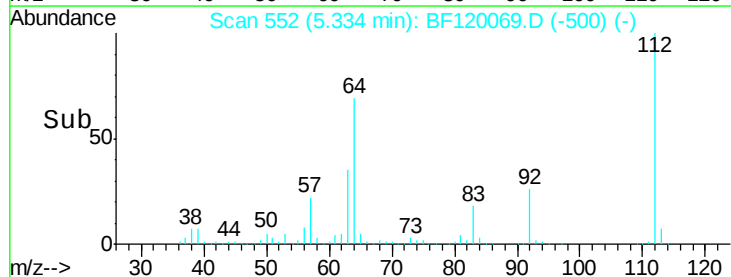
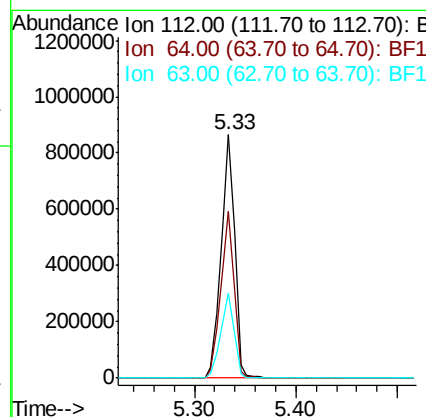
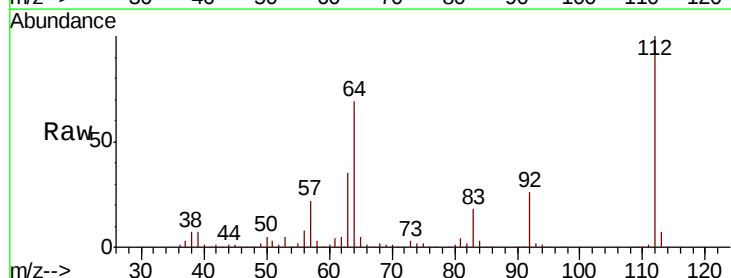
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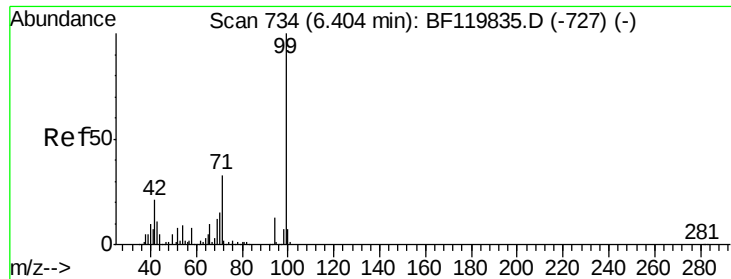


#5

2-Fluorophenol
Concen: 92.503 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	812081		
64	68.6	55.5	83.3	
63	34.9	29.1	43.7	





#7

Phenol-d6

Concen: 91.565 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF120069.D

Acq: 17 Apr 2020 19:48

Instrument :

BNA_F

ClientSampled :

B-1

Tot Ion: 99 Resp: 1035785

Ion Ratio Lower Upper

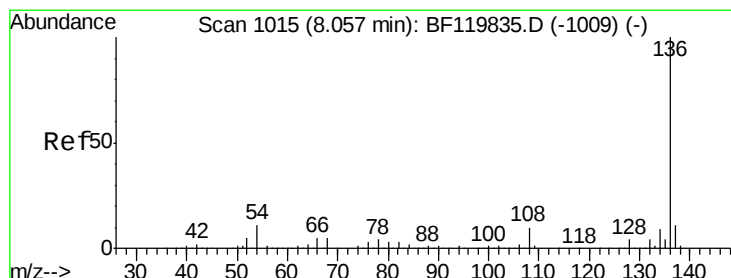
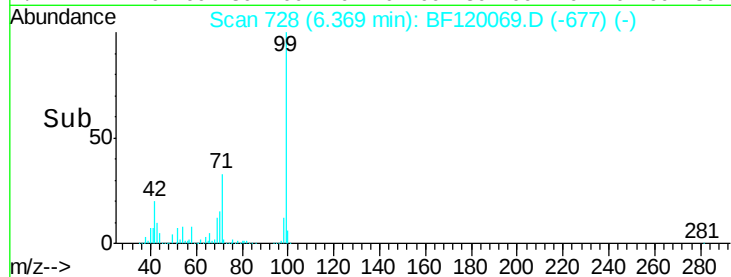
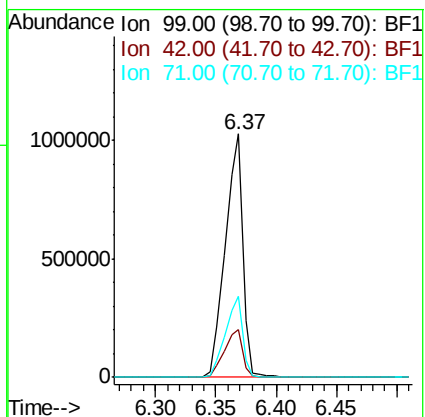
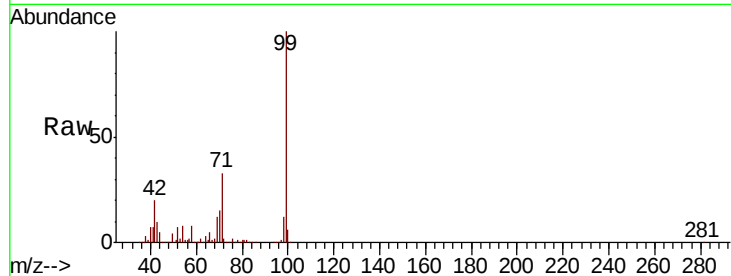
99 100

42 19.7 16.9 25.3

71 33.2 26.3 39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120069.D

Acq: 17 Apr 2020 19:48

Tgt Ion: 136 Resp: 510163

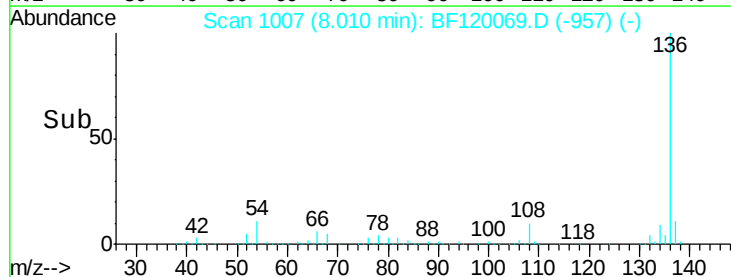
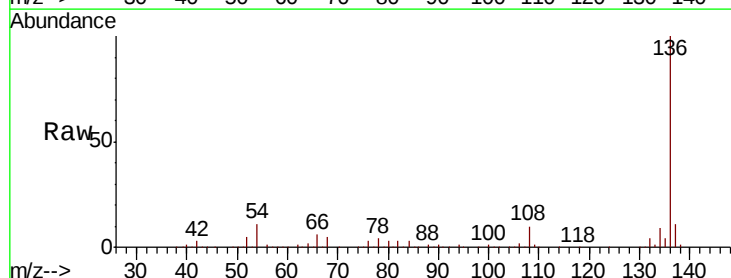
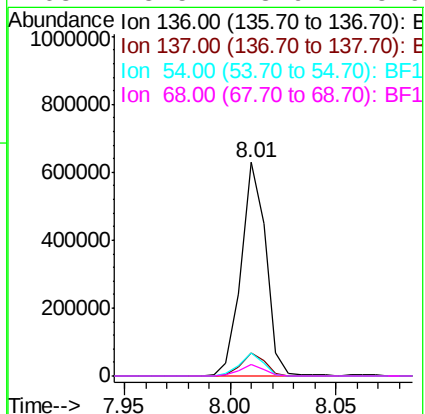
Ion Ratio Lower Upper

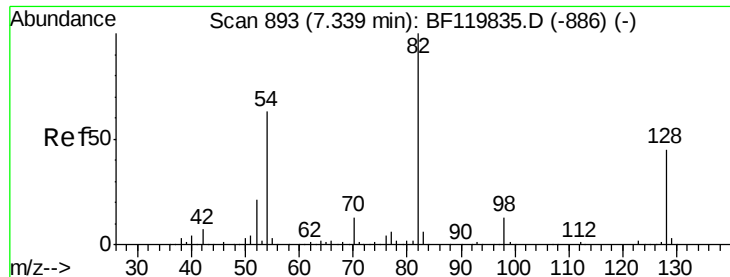
136 100

137 10.8 8.7 13.1

54 10.8 8.5 12.7

68 5.5 3.9 5.9





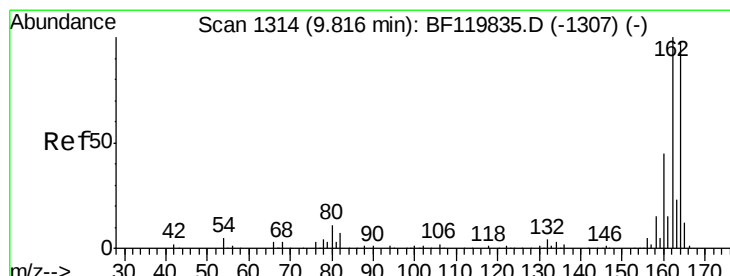
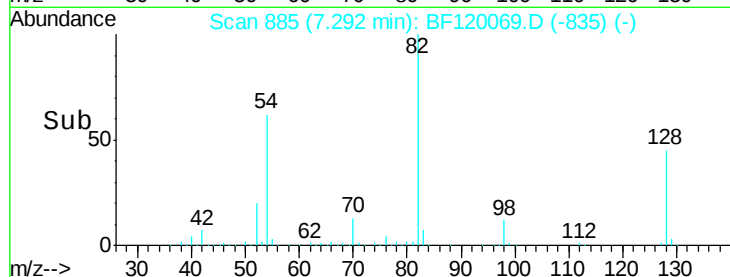
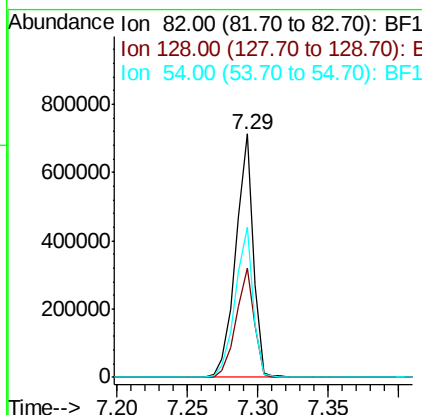
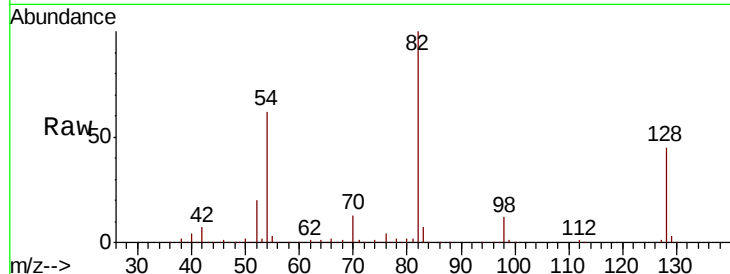
#23
Nitrobenzene-d5
Concen: 62.489 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.2	54.4
54	61.8	50.4	75.6

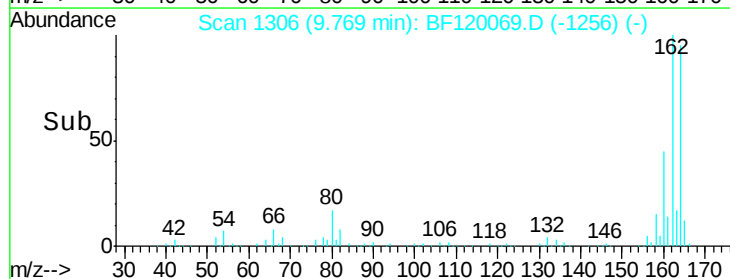
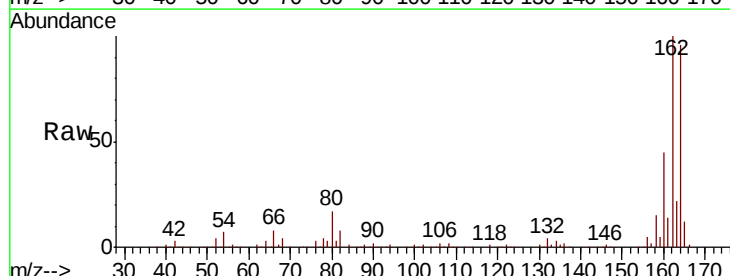
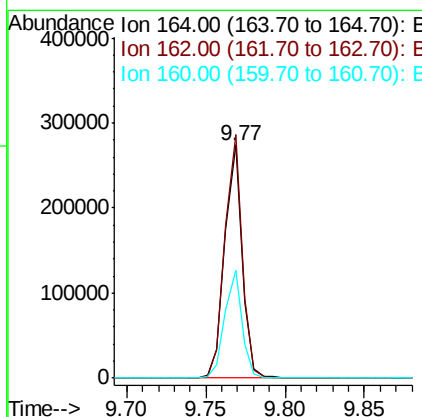
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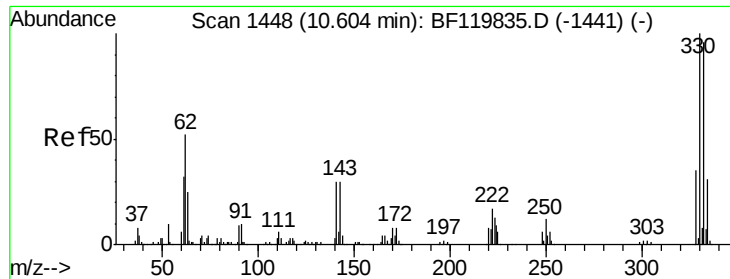
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.9	122.9
160	46.6	36.6	54.8





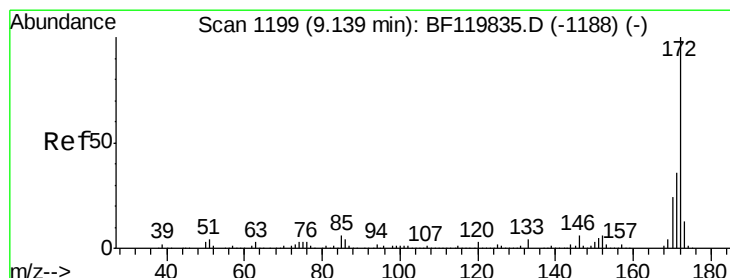
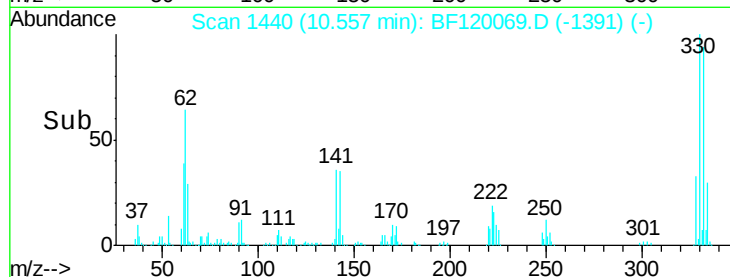
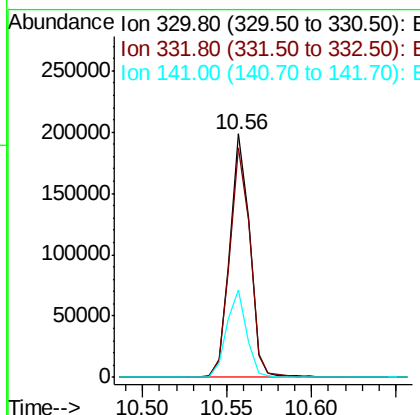
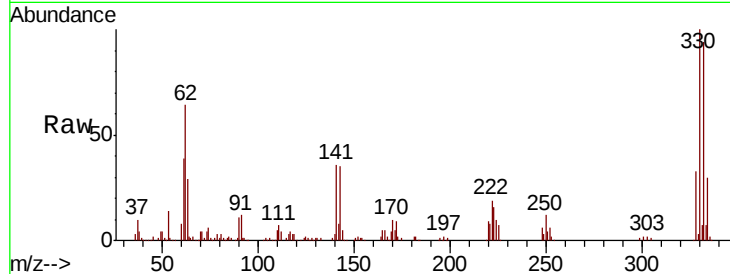
#42
 2,4,6-Tribromophenol
 Concen: 63.511 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120069.D
 Acq: 17 Apr 2020 19:48

Instrument :
 BNA_F
 ClientSampled :
 B-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	162428		
332	96.8	76.8	115.2	
141	36.0	25.1	37.7	

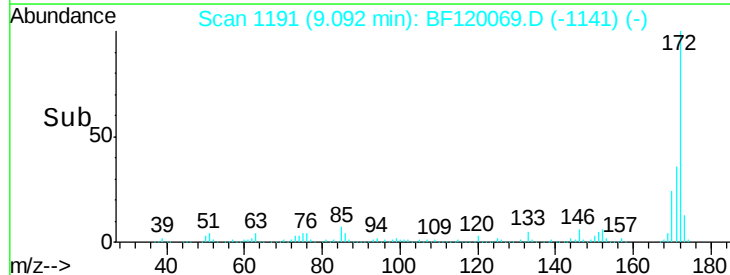
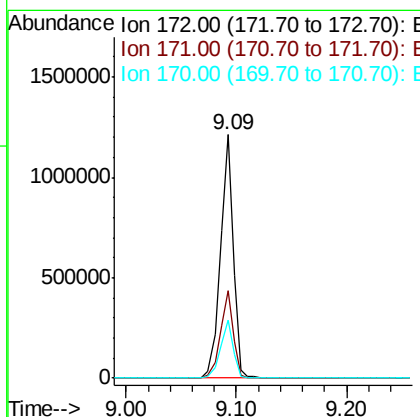
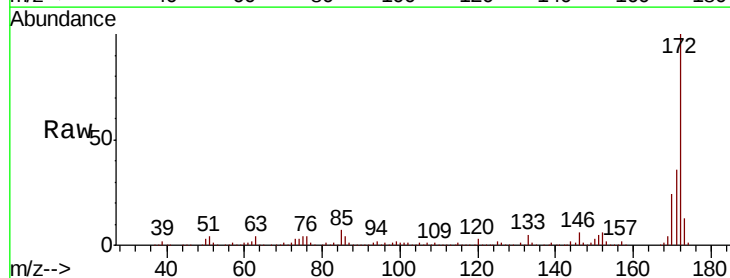
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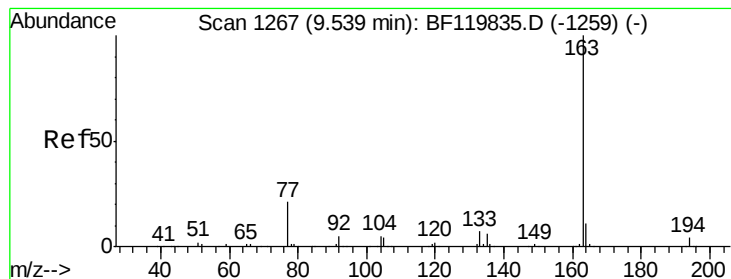
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#45
 2-Fluorobiphenyl
 Concen: 66.968 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF120069.D
 Acq: 17 Apr 2020 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	985273		
171	36.0	28.9	43.3	
170	23.8	19.4	29.2	





#50

Dimethylphthalate

Concen: 9.726 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120069.D

Acq: 17 Apr 2020 19:48

Instrument :

BNA_F

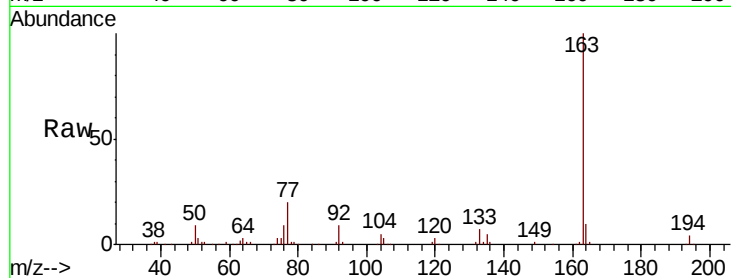
ClientSampled :

B-1

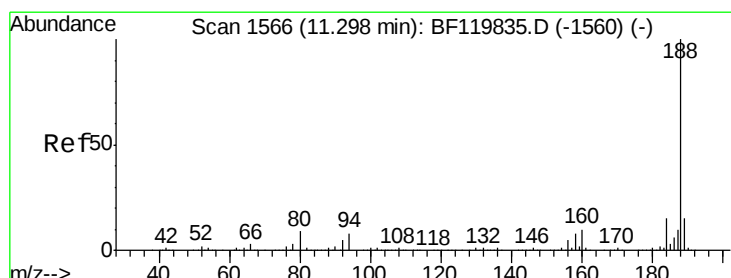
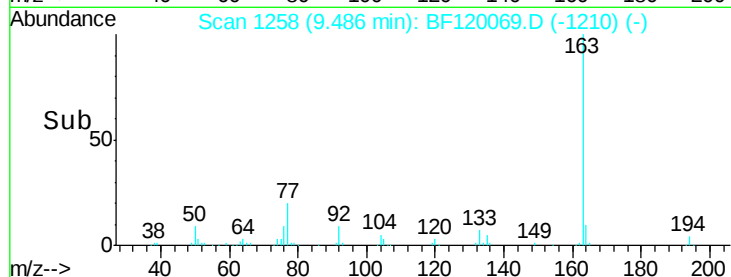
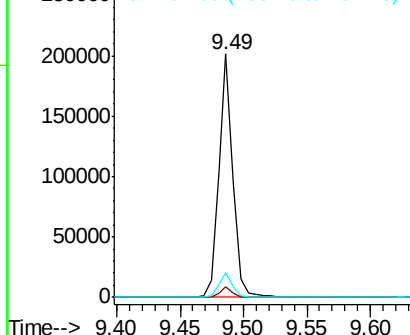
Tot Ion:	163	Resp:	157144
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.0	4.4
164	10.1	8.4	12.6

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

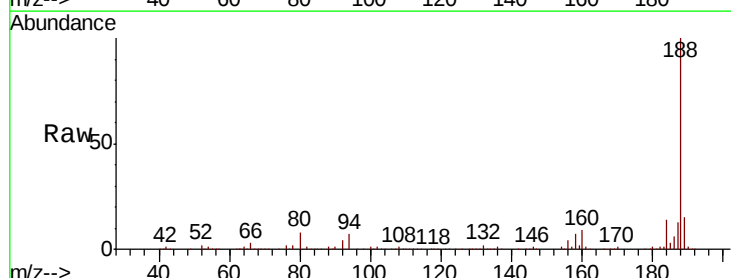
RT: 11.26 min Scan# 1559

Delta R.T. -0.00 min

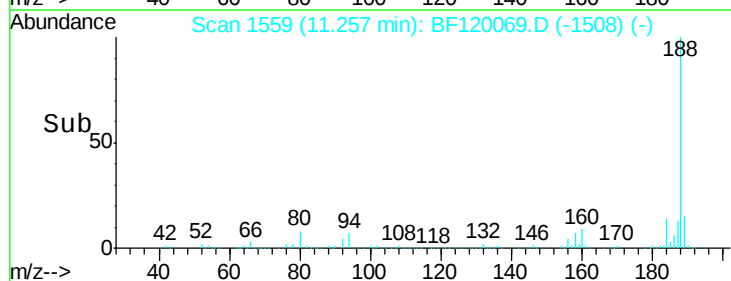
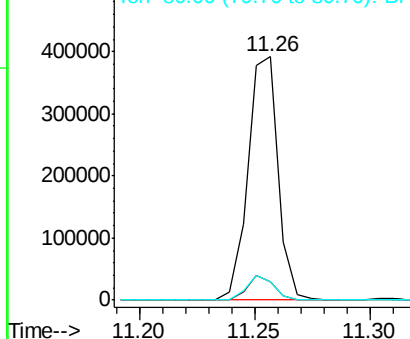
Lab File: BF120069.D

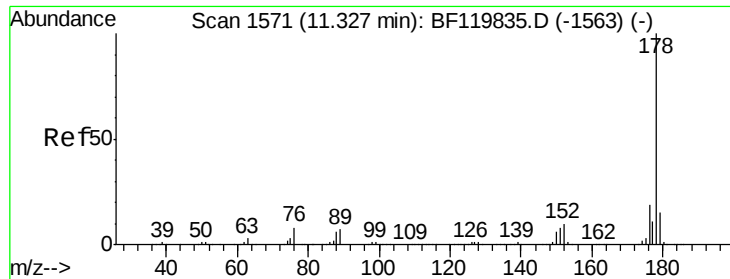
Acq: 17 Apr 2020 19:48

Tgt Ion:	188	Resp:	357597
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.7	10.1
80	7.7	7.4	11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





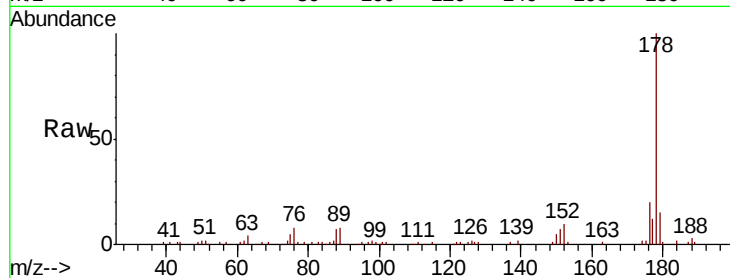
#71
Phenanthrene
Concen: 3.513 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	14.9	12.2	18.4

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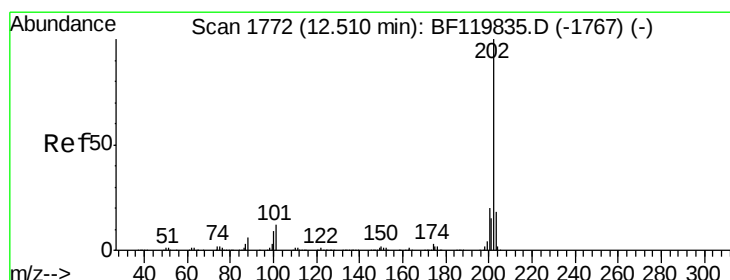
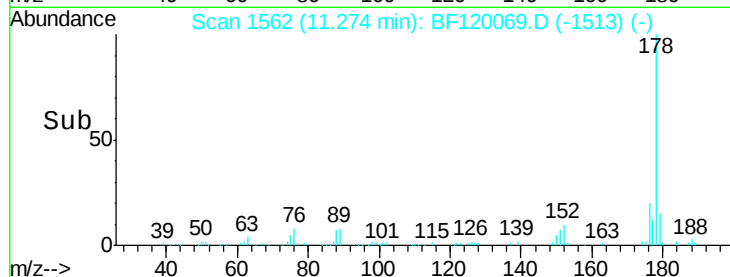
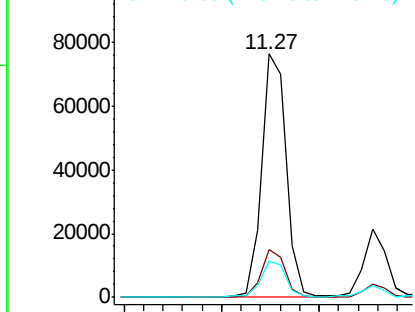


Abundance

Ion 178.00 (177.70 to 178.70): E

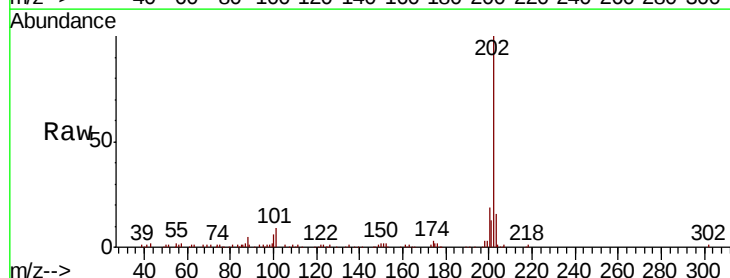
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.323 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	32.3
203	16.3	0.0	37.6

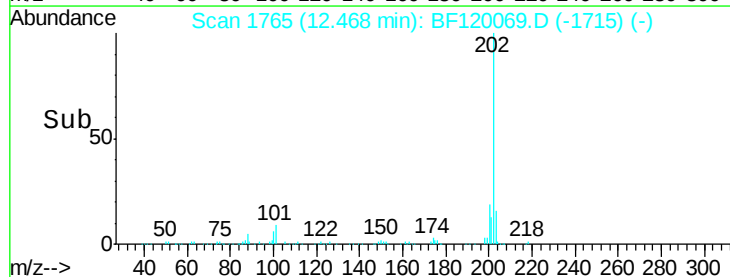
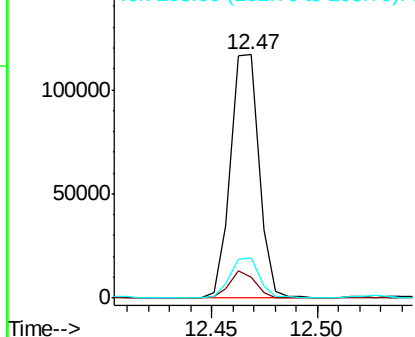


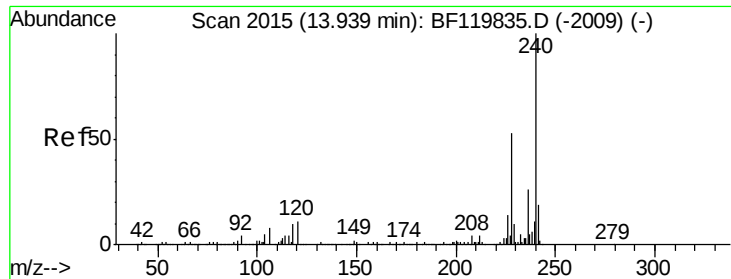
Abundance

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120069.D

Acq: 17 Apr 2020 19:48

Instrument :

BNA_F

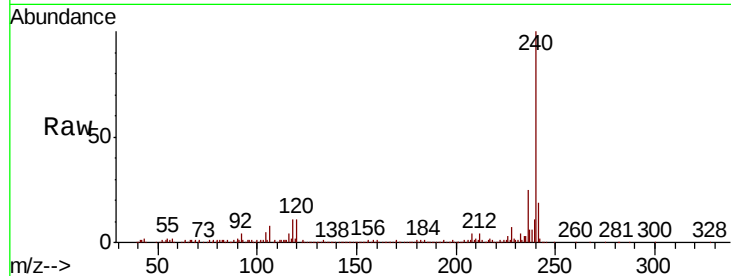
ClientSampleId :

B-1

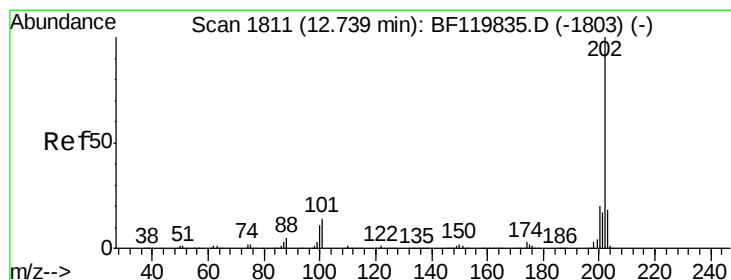
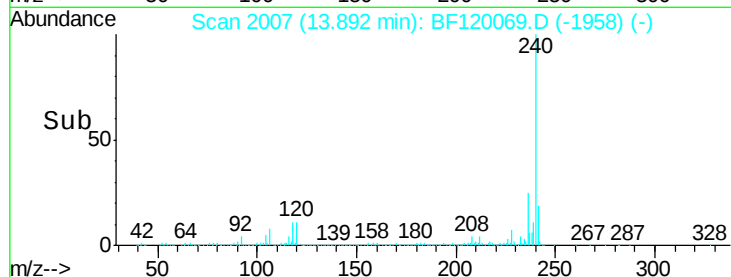
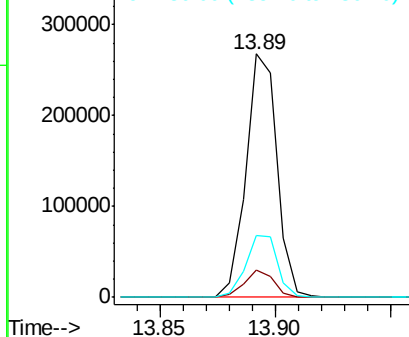
Tot Ion:	240	Resp:	252266
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.0	13.6
236	25.4	20.7	31.1

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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

Pyrene

Concen: 4.445 ng

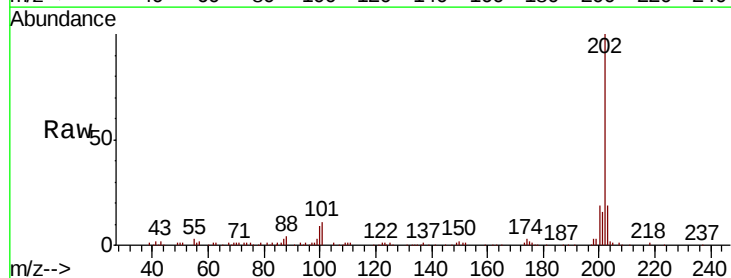
RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

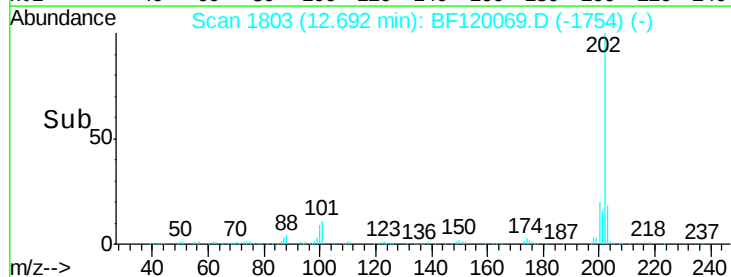
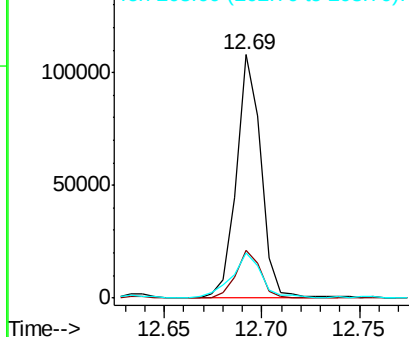
Lab File: BF120069.D

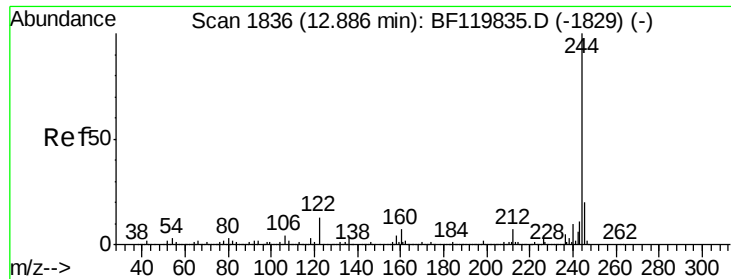
Acq: 17 Apr 2020 19:48

Tgt Ion:	202	Resp:	94532
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.2	24.2
203	18.7	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





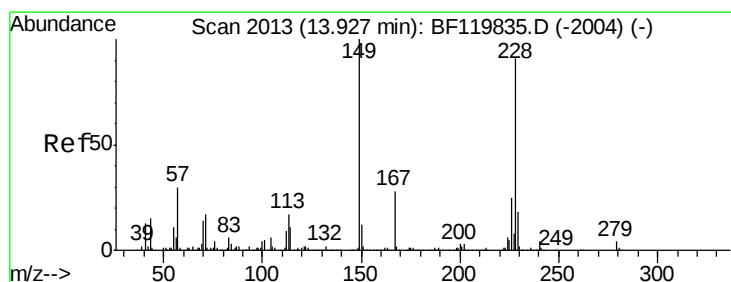
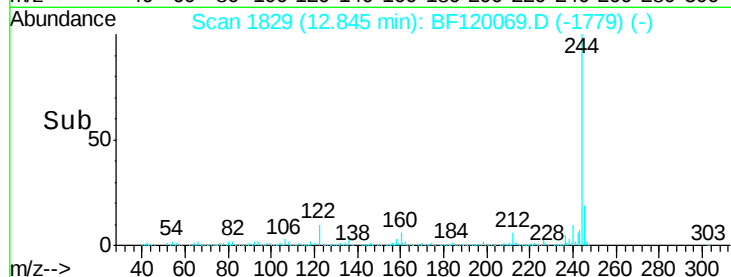
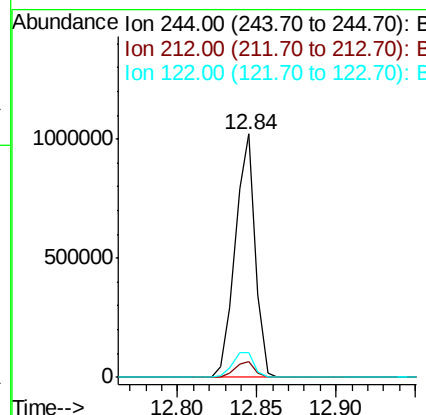
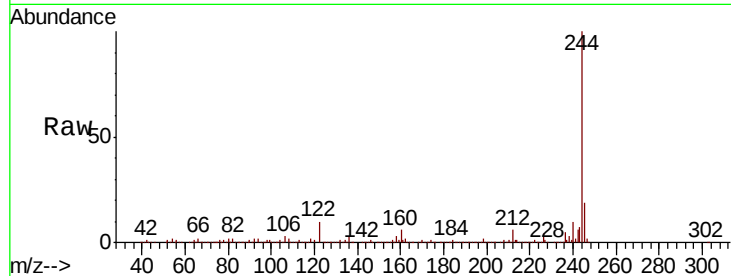
#79
 Terphenyl-d14
 Concen: 59.382 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120069.D
 Acq: 17 Apr 2020 19:48

Instrument :
 BNA_F
 ClientSampled :
 B-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.2	10.3	15.5

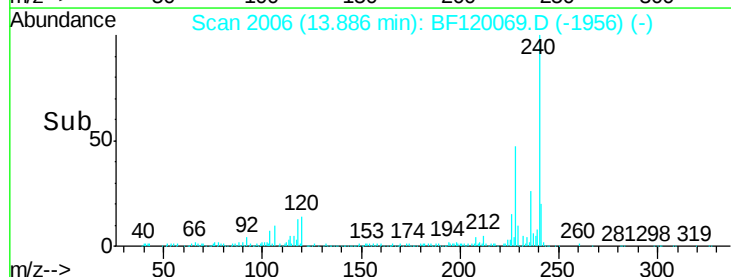
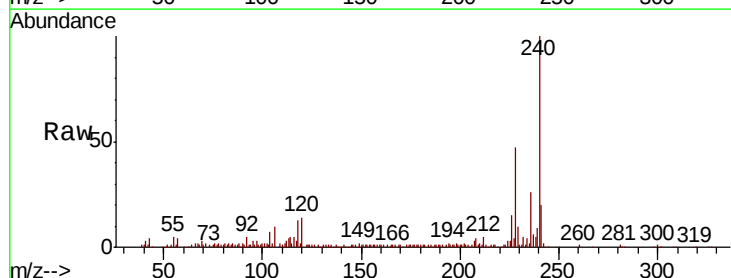
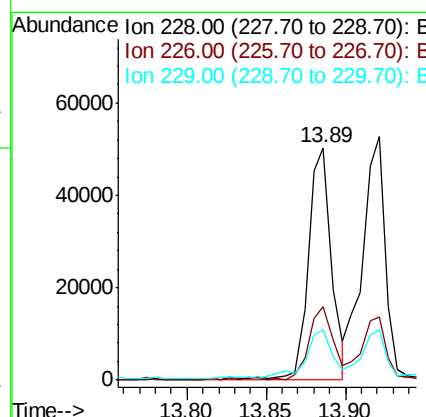
Manual Integrations
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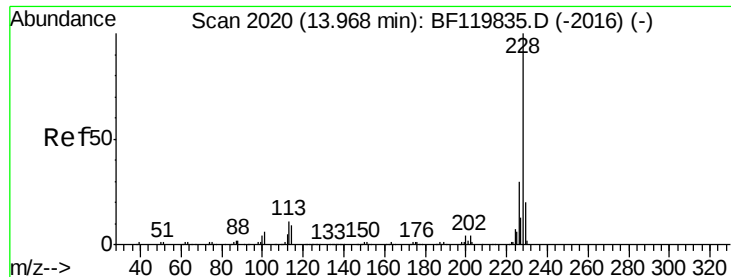
mohammad
 4/21/2020 8:22:48 AM



#81
 Benzo(a)anthracene
 Concen: 3.078 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF120069.D
 Acq: 17 Apr 2020 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	21.9	32.9
229	21.9	15.9	23.9





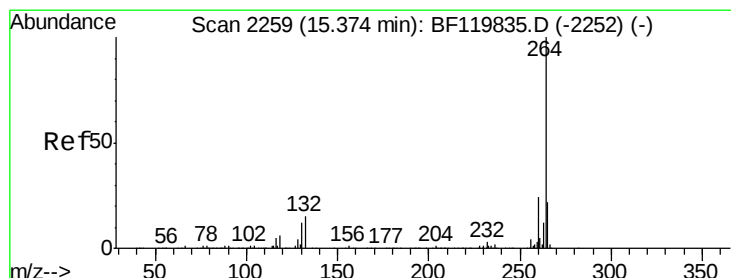
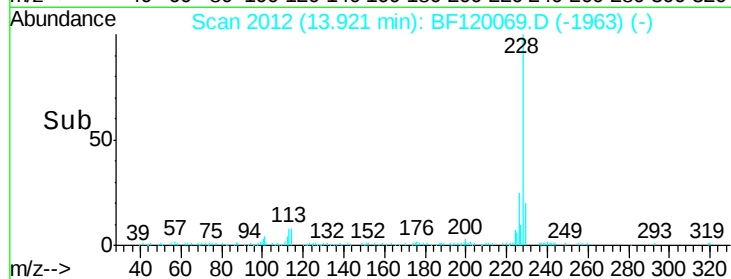
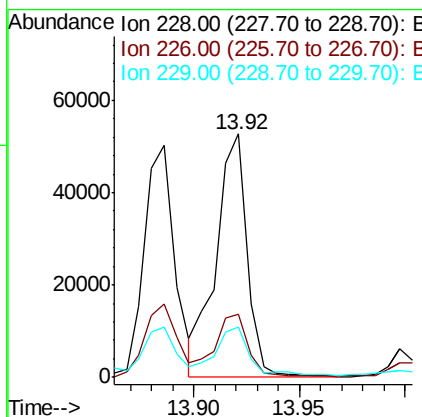
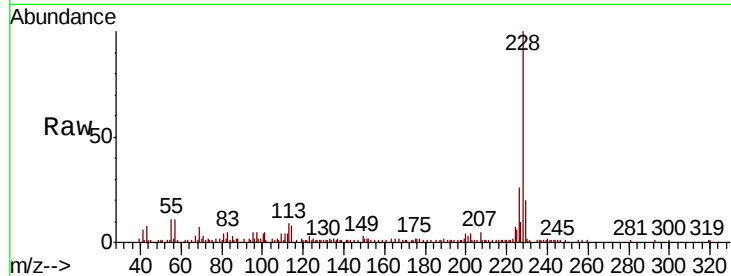
#83
Chrysene
Concen: 3.220 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :
B-1

Tot Ion:	228	Resp:	54301
Ion Ratio	Lower	Upper	
228	100		
226	25.9	24.2	36.2
229	20.5	15.9	23.9

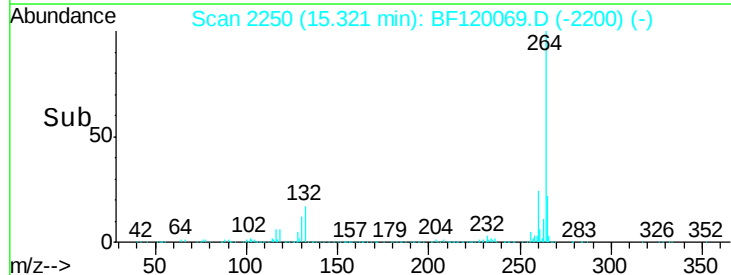
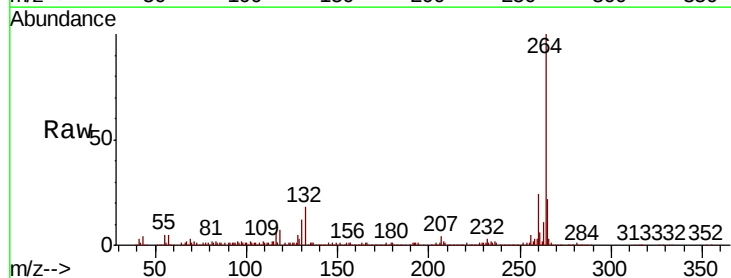
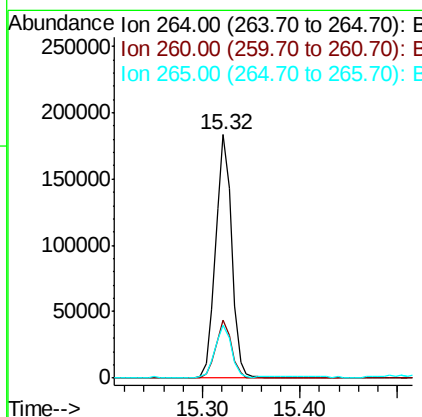
Manual Integrations
APPROVED

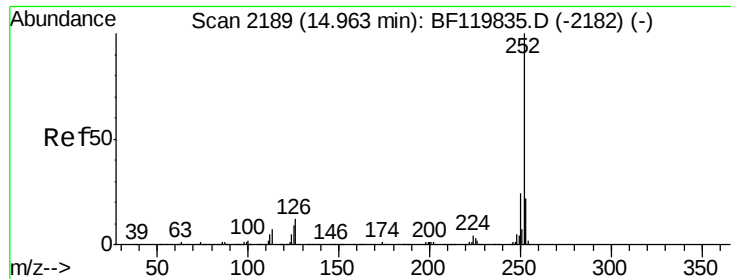
mohammad
4/21/2020 8:22:48 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:	264	Resp:	210579
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.3	28.9
265	21.9	17.6	26.4





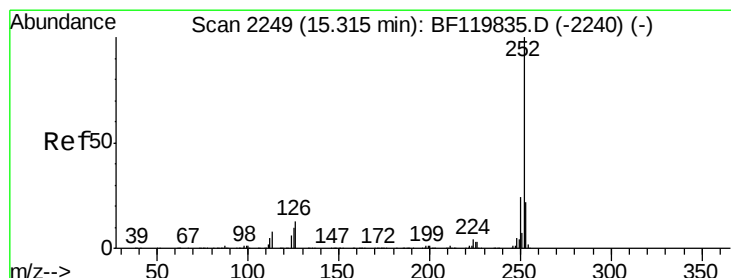
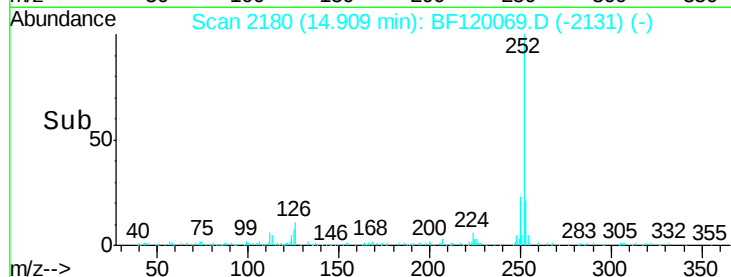
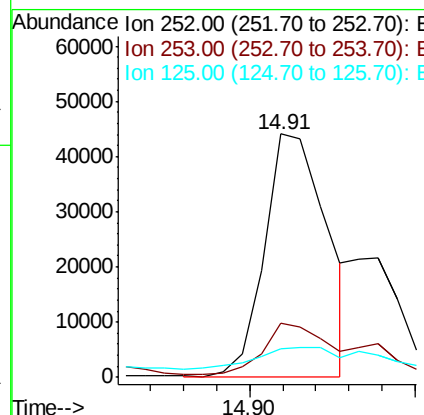
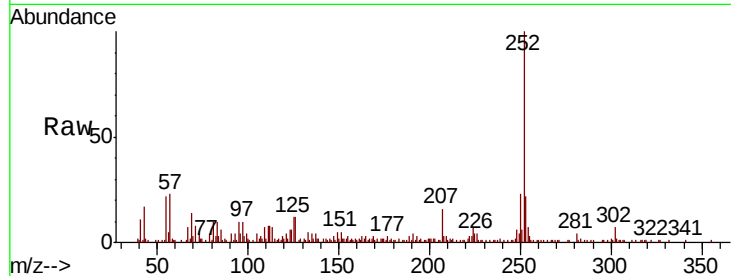
#88
Benzo(b)fluoranthene
Concen: 3.812 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :
B-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.9	7.4	11.2

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:48 AM



#90
Benzo(a)pyrene
Concen: 3.158 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	17.0	8.3	12.5

