

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119659.D
 Acq On : 31 Mar 2020 18:34
 Operator : MA/SJ
 Sample : L2055-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(1-3)

Manual Integrations
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 4/1/2020 11:55:34 AM

Quant Time: Apr 01 00:23:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	316747	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1131384	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	523783	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	815173	20.00	ng	0.00
76) Chrysene-d12	14.02	240	539827	20.00	ng	0.00
87) Perylene-d12	15.49	264	481797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1837735	92.36	ng	0.01
7) Phenol-d6	6.46	99	2344187	92.23	ng	0.00
23) Nitrobenzene-d5	7.39	82	1423342	68.37	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	456064	84.40	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2321019	65.65	ng	0.00
79) Terphenyl-d14	12.96	244	1777381	64.51	ng	0.00
Target Compounds						
49) Acenaphthylene	9.73	152	138578	2.641	ng	96
50) Dimethylphthalate	9.59	163	373752	10.046	ng	100
71) Phenanthrene	11.39	178	191644	4.534	ng	96
72) Anthracene	11.44	178	98234	2.287	ng	97
75) Fluoranthene	12.58	202	484821	10.598	ng	99
78) Pyrene	12.81	202	501366	11.317	ng	99
81) Benzo(a)anthracene	14.00	228	278127m	7.923	ng	
83) Chrysene	14.04	228	254085	7.013	ng	97
86) Indeno(1,2,3-cd)pyrene	16.95	276	159078	4.662	ng	96
88) Benzo(b)fluoranthene	15.06	252	388479m	12.071	ng	
89) Benzo(k)fluoranthene	15.08	252	110755m	3.614	ng	
90) Benzo(a)pyrene	15.42	252	257985	8.821	ng	# 93
92) Benzo(a,h,i)perylene	17.39	276	158334	6.161	ng	# 94

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

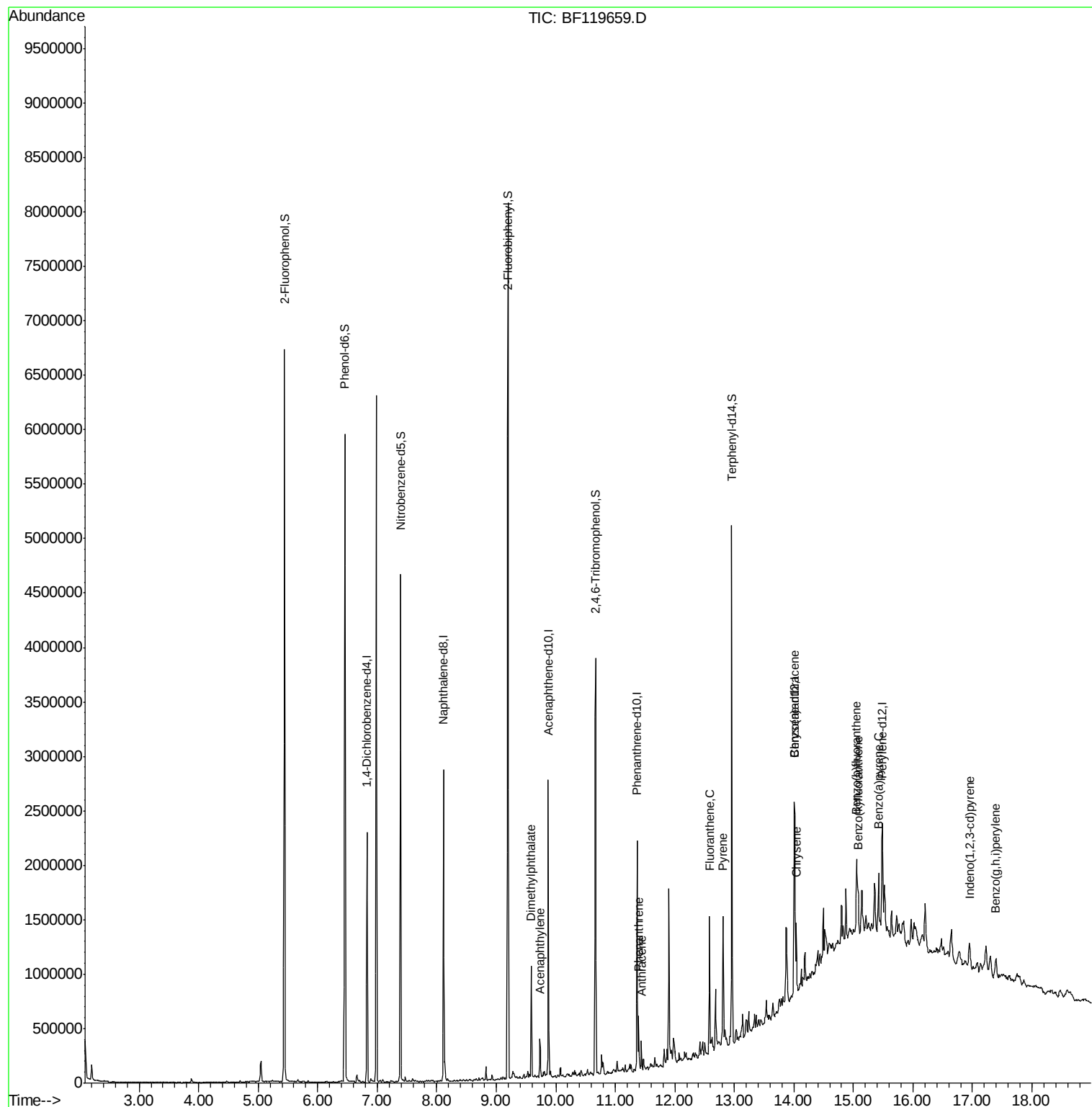
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119659.D
Acq On : 31 Mar 2020 18:34
Operator : MA/SJ
Sample : L2055-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

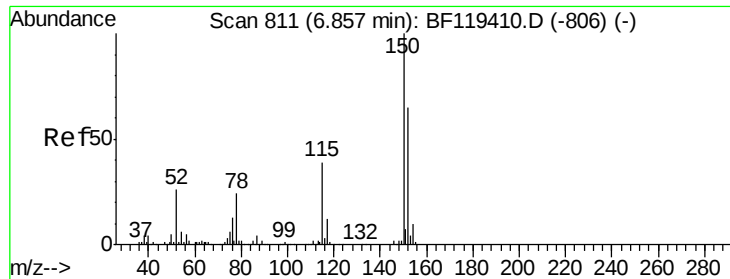
Instrument :
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ClientSampleId :
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Quant Time: Apr 01 00:23:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

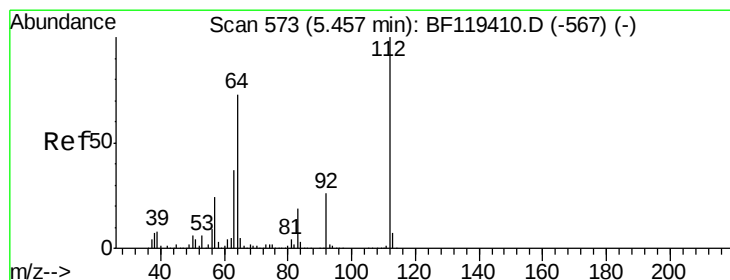
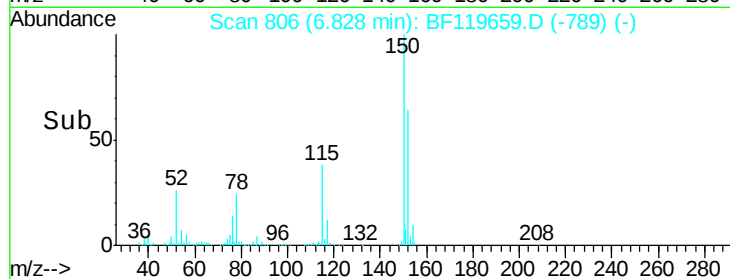
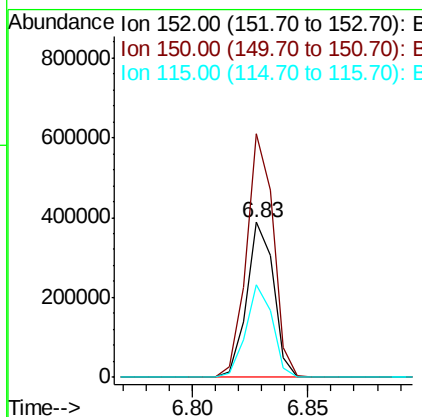
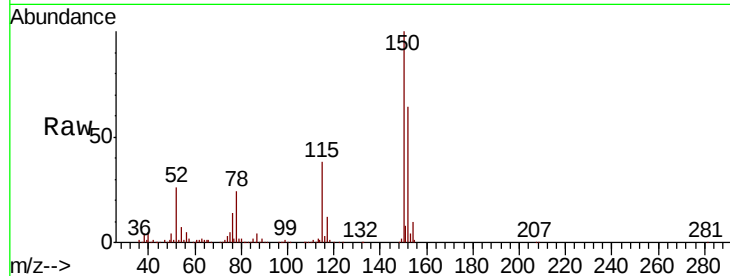
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :
SB-6-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.5	186.7
115	59.8	49.6	74.4

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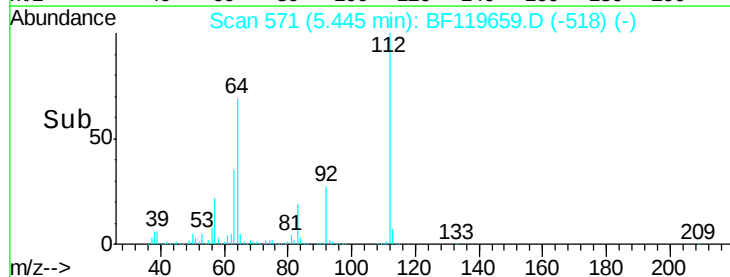
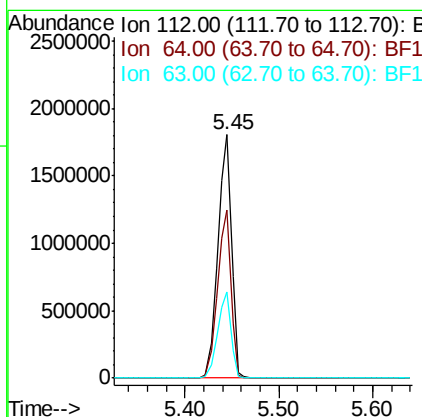
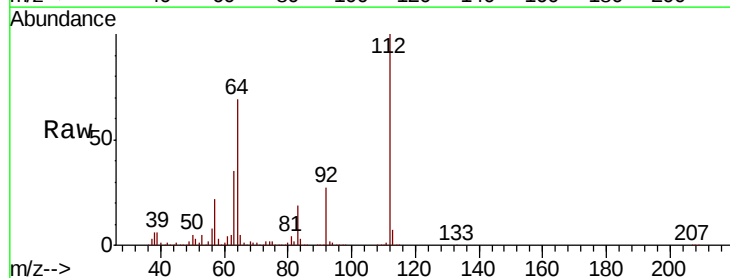
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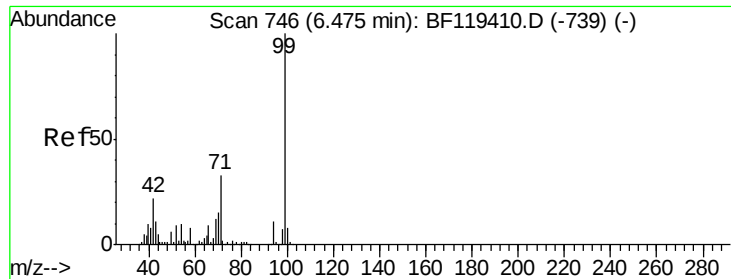


#5

2-Fluorophenol
Concen: 92.361 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.7	85.1
63	35.4	29.5	44.3





#7

Phenol-d6

Concen: 92.227 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119659.D

Acq: 31 Mar 2020 18:34

Instrument :

BNA_F

ClientSampleId :

SB-6-(1-3)

Tot Ion: 99 Resp: 2344187

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

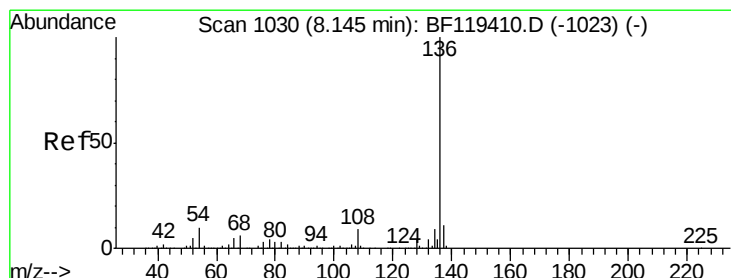
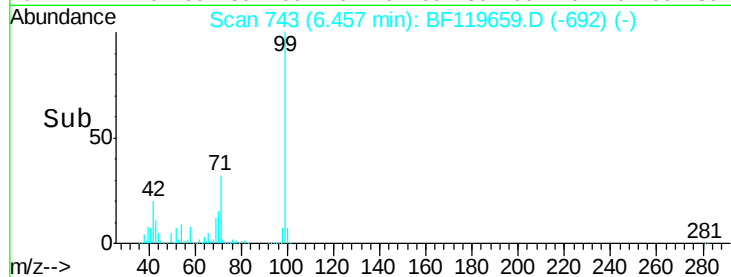
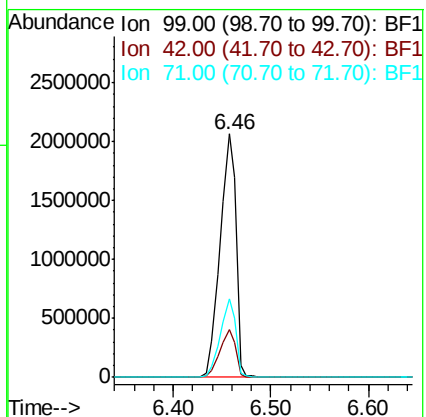
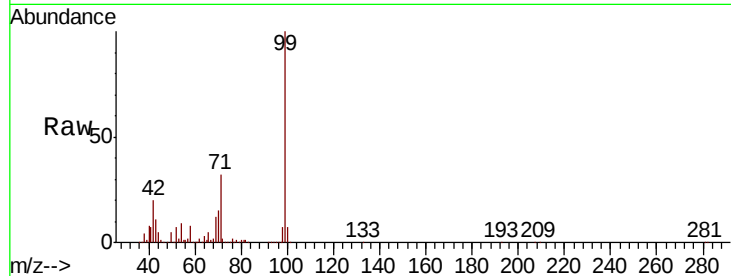
71 32.5 26.4 39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF119659.D

Acq: 31 Mar 2020 18:34

Tgt Ion: 136 Resp: 1131384

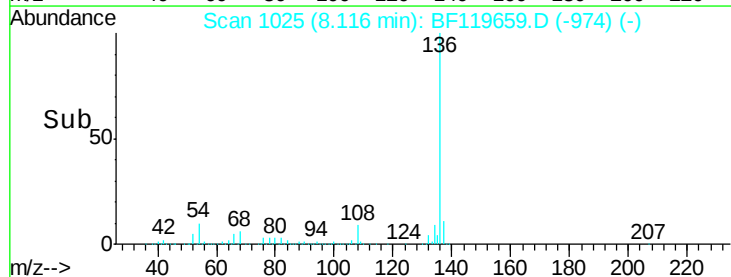
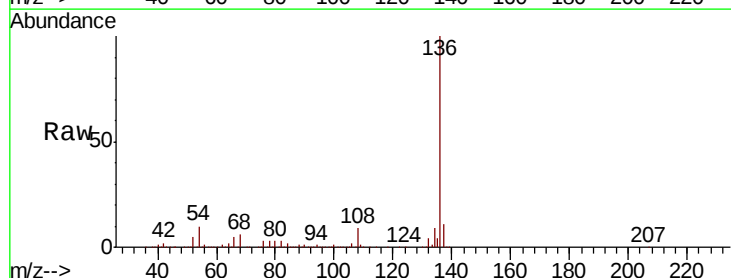
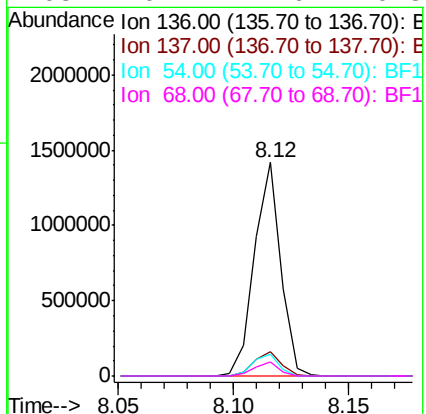
Ion Ratio Lower Upper

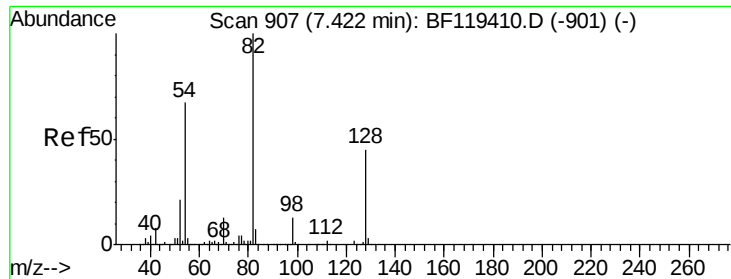
136 100

137 11.2 8.7 13.1

54 10.2 9.1 13.7

68 6.4 4.6 6.8





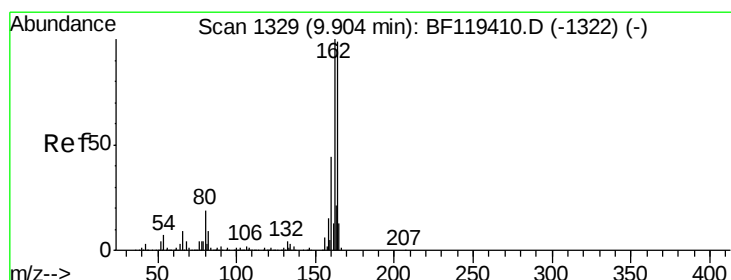
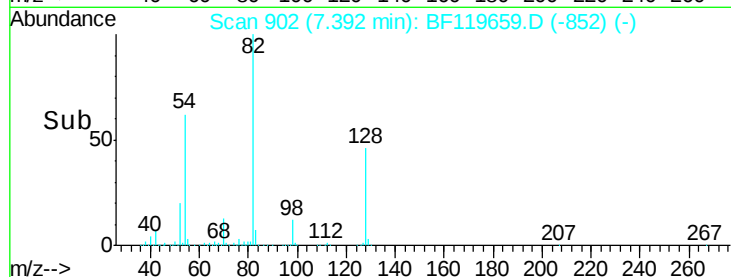
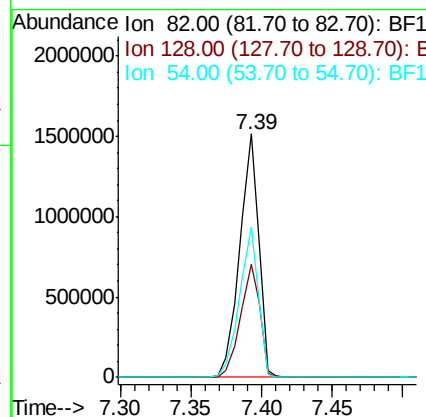
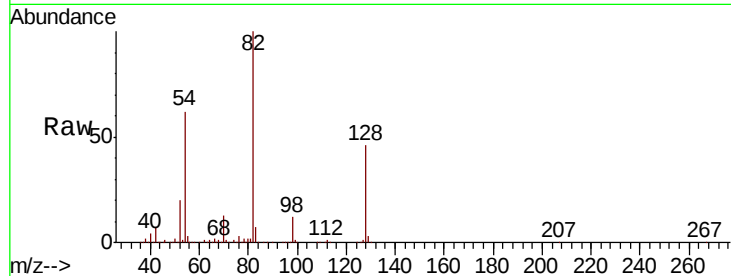
#23
Nitrobenzene-d5
Concen: 68.373 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :
SB-6-(1-3)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	61.8	50.6	75.8

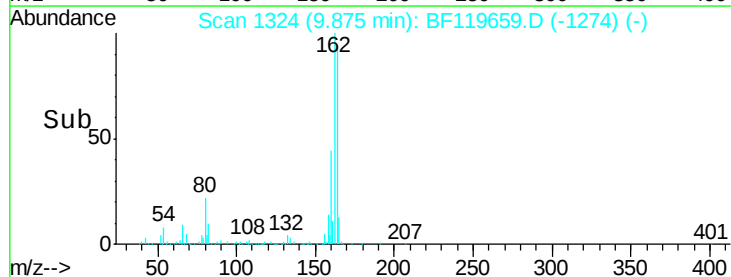
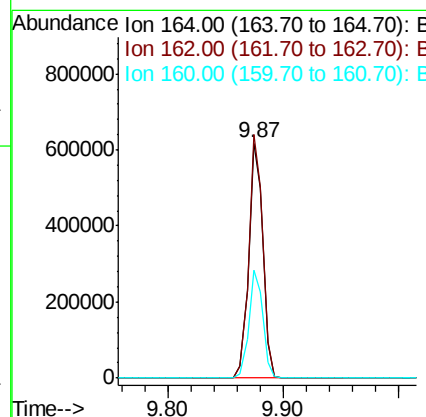
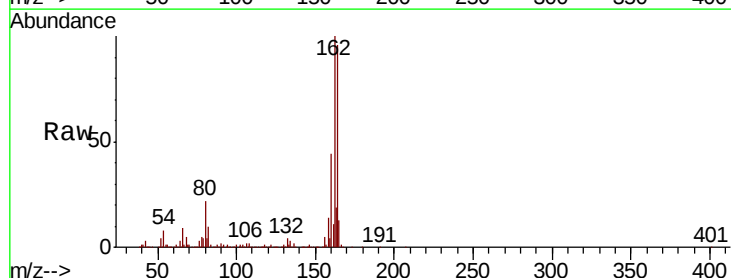
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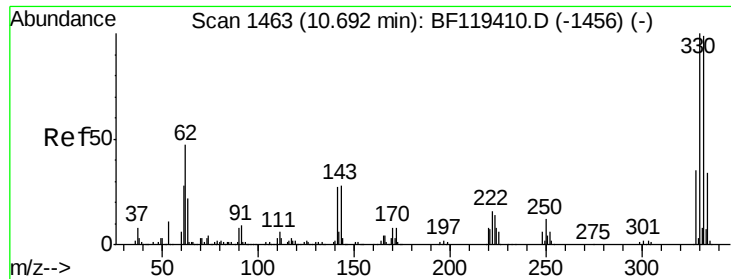
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.6	121.0
160	45.9	35.7	53.5





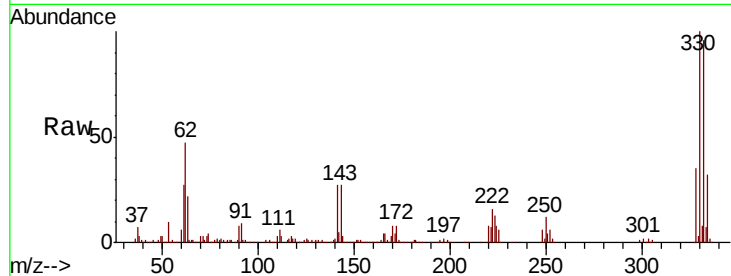
#42
 2,4,6-Tribromophenol
 Concen: 84.399 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119659.D
 Acq: 31 Mar 2020 18:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	30.3	25.4	38.0

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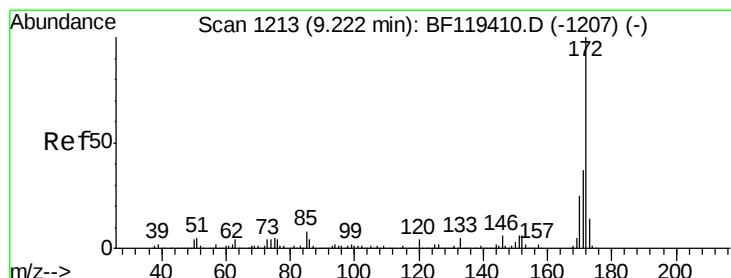
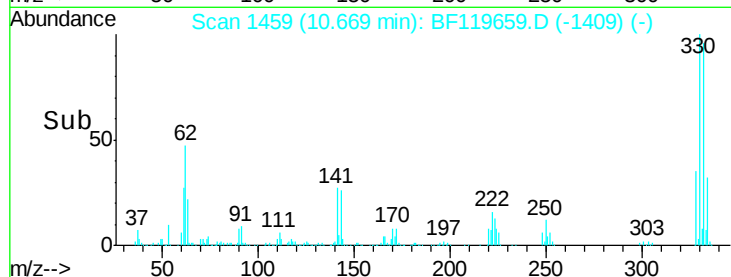
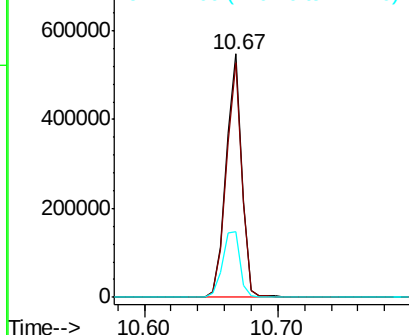


Abundance

Ion 329.80 (329.50 to 330.50): E

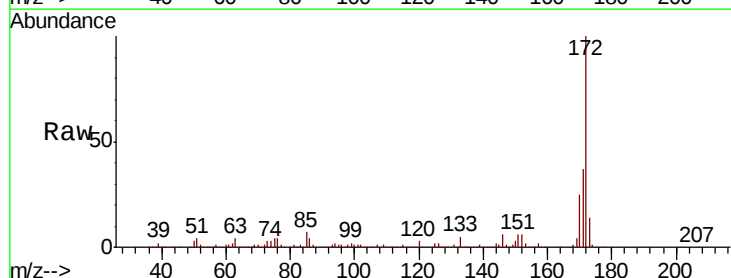
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.648 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119659.D
 Acq: 31 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.9	20.2	30.2

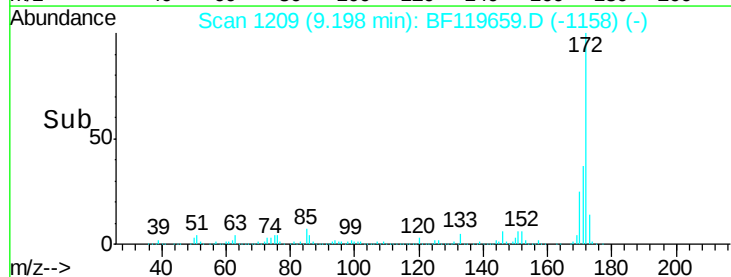
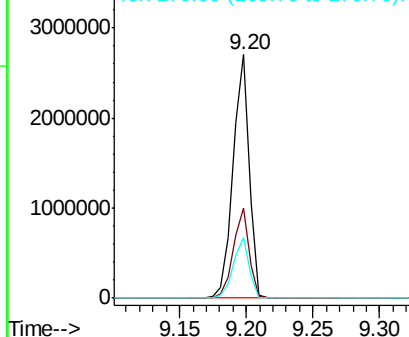


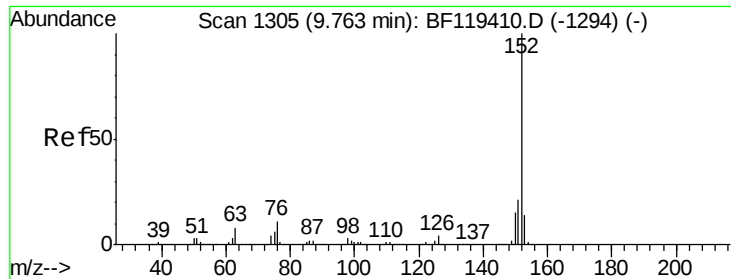
Abundance

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





#49

Acenaphthylene

Concen: 2.641 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF119659.D

Acq: 31 Mar 2020 18:34

Instrument :

BNA_F

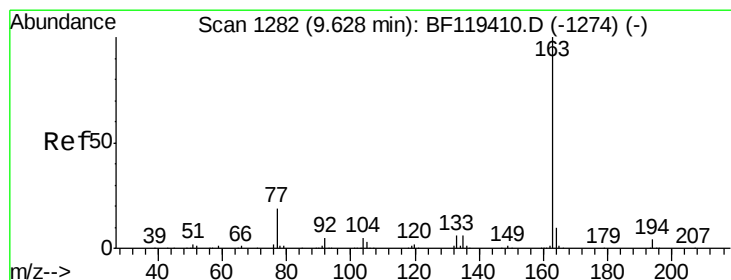
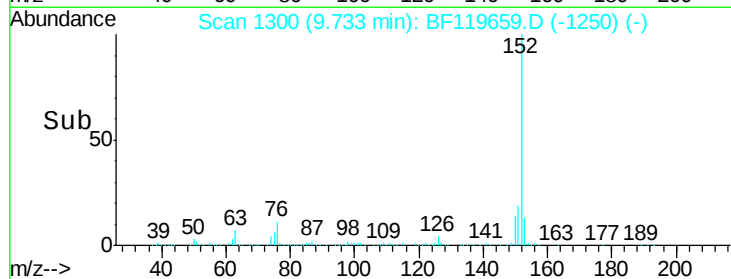
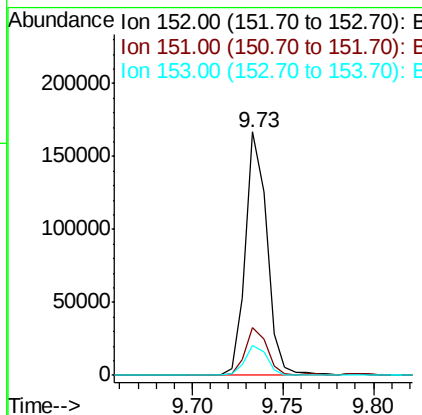
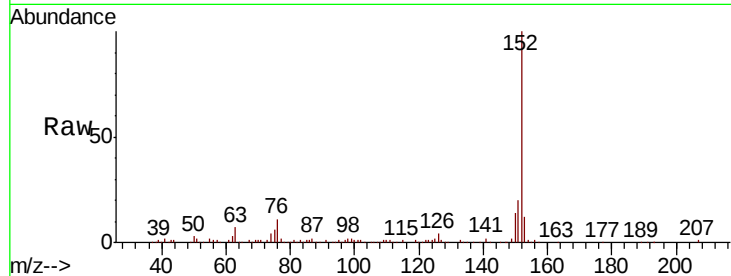
ClientSampleId :

SB-6-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.2	25.8
153	12.5	11.2	16.8

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#50

Dimethylphthalate

Concen: 10.046 ng

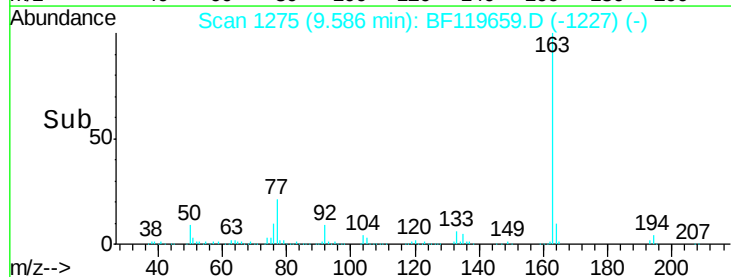
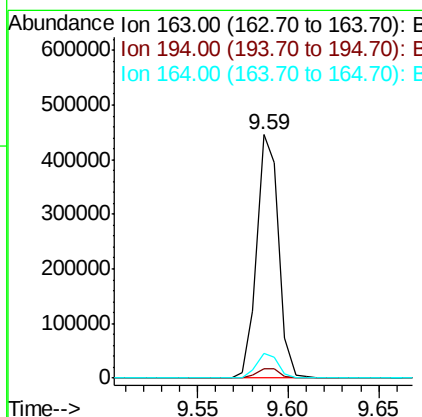
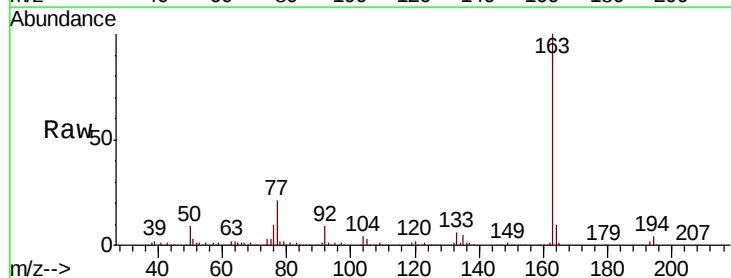
RT: 9.59 min Scan# 1275

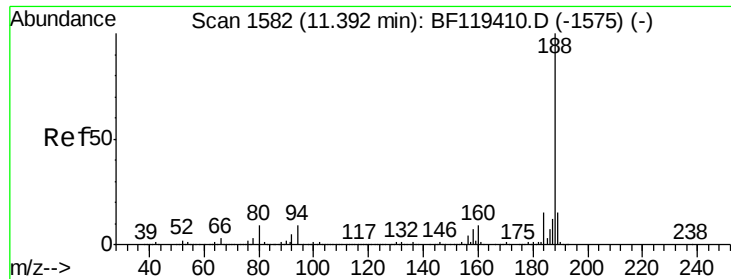
Delta R.T. -0.02 min

Lab File: BF119659.D

Acq: 31 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.0	8.2	12.2





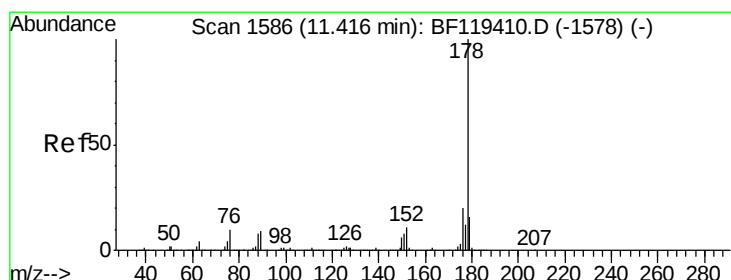
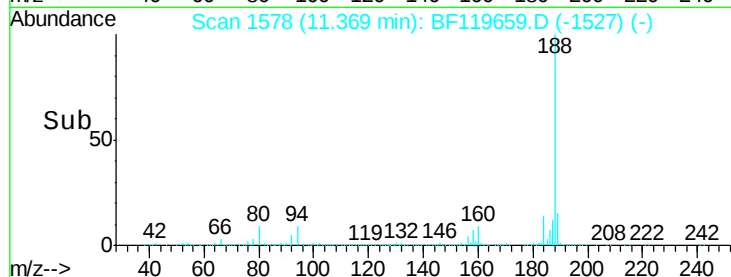
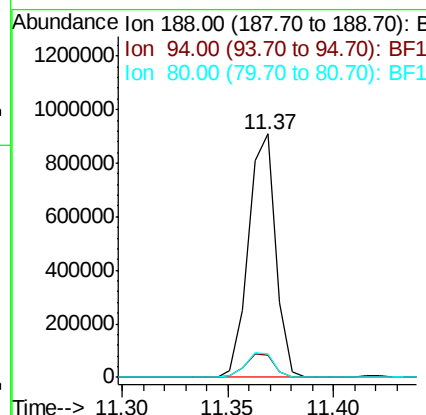
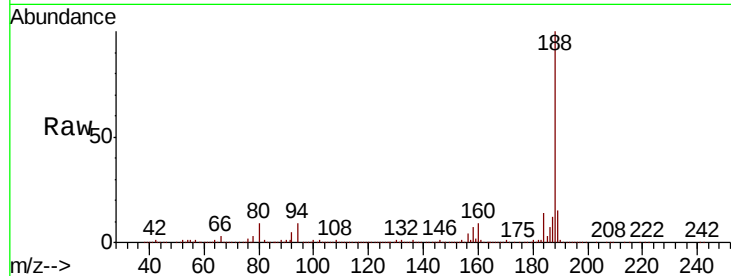
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :
SB-6-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	815173		
94	9.2	7.5	11.3	
80	9.4	9.0	13.4	

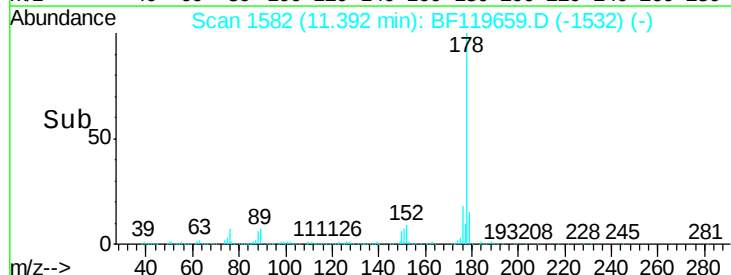
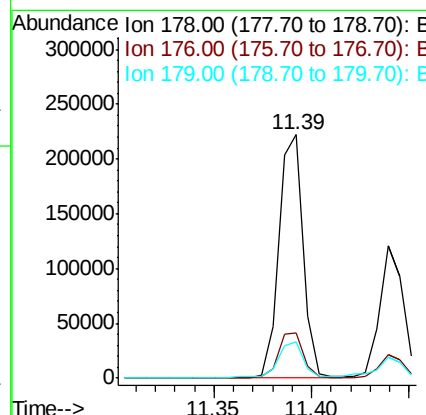
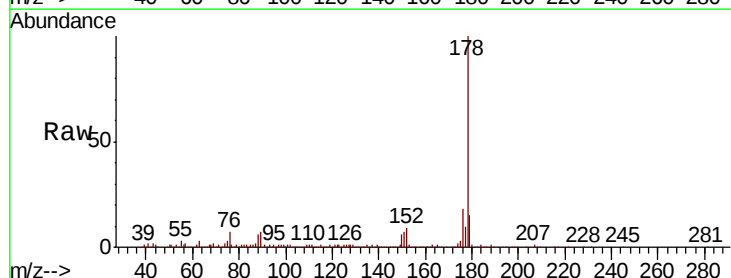
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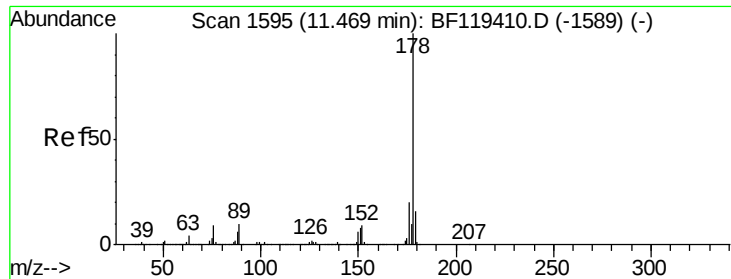
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#71
Phenanthrene
Concen: 4.534 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	191644		
176	18.4	16.2	24.4	
179	15.0	13.2	19.8	





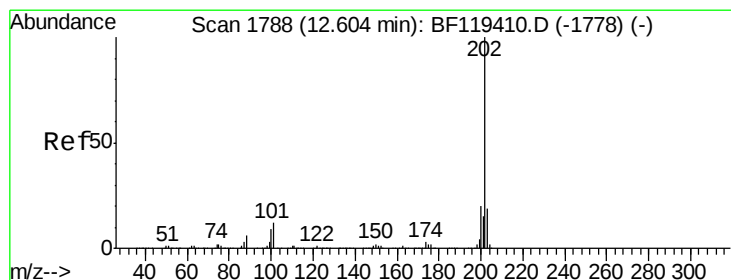
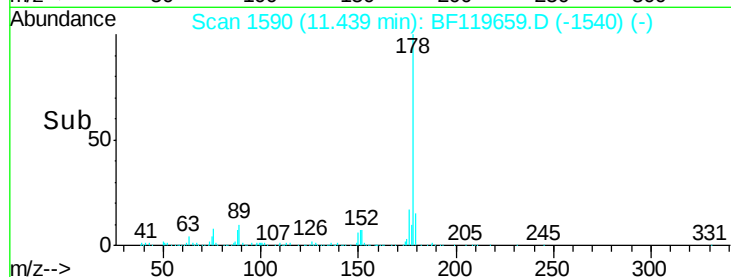
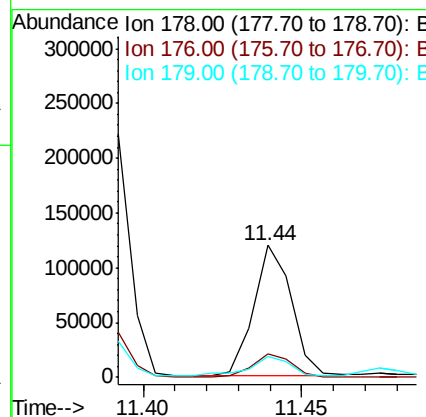
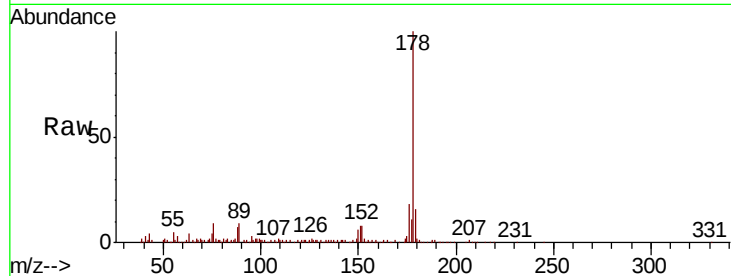
#72
 Anthracene
 Concen: 2.287 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF119659.D
 Acq: 31 Mar 2020 18:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(1-3)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.1	24.1
179	16.0	13.0	19.4

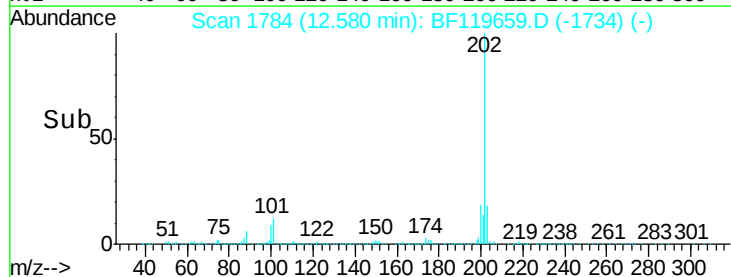
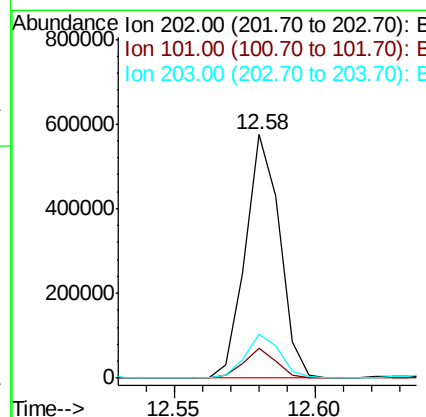
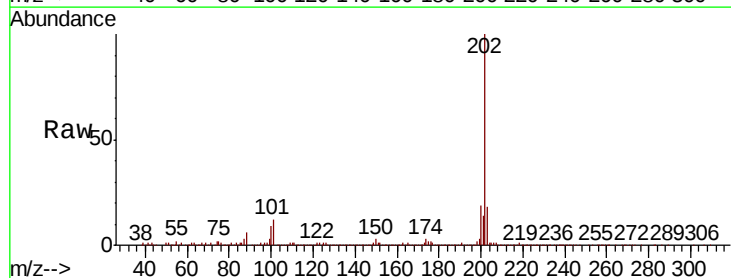
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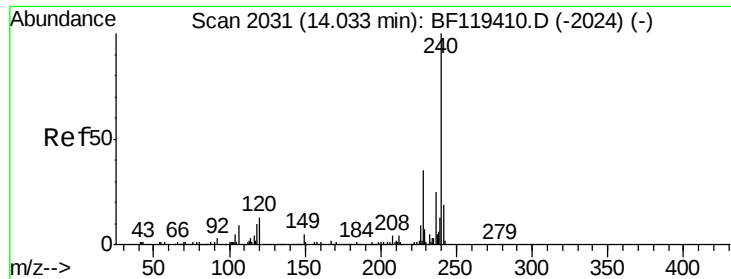
mohammad
 4/1/2020 11:55:34 AM



#75
 Fluoranthene
 Concen: 10.598 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF119659.D
 Acq: 31 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.2
203	18.0	0.0	38.8





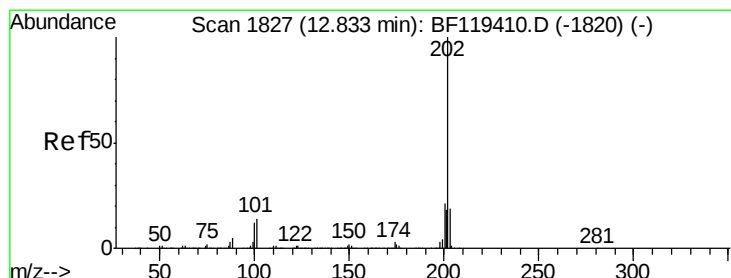
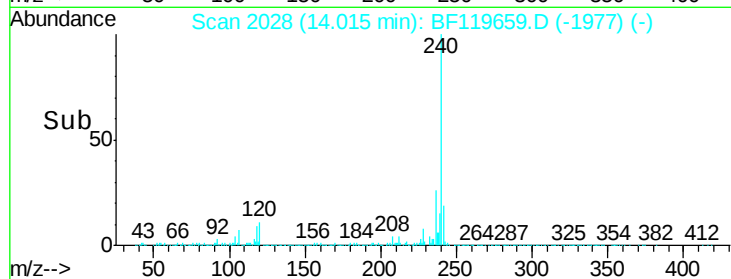
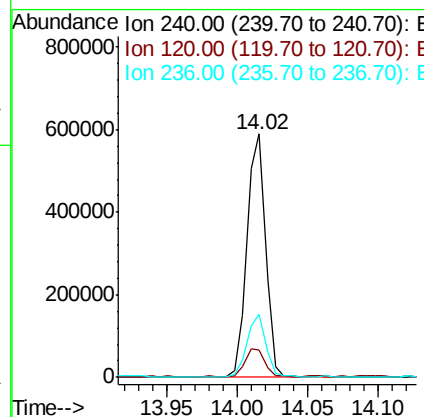
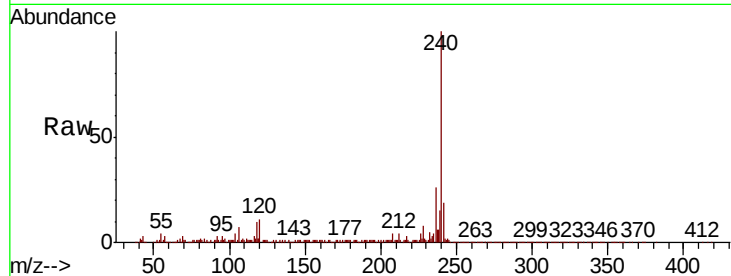
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :
SB-6-(1-3)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.6	15.8
236	26.1	20.2	30.2

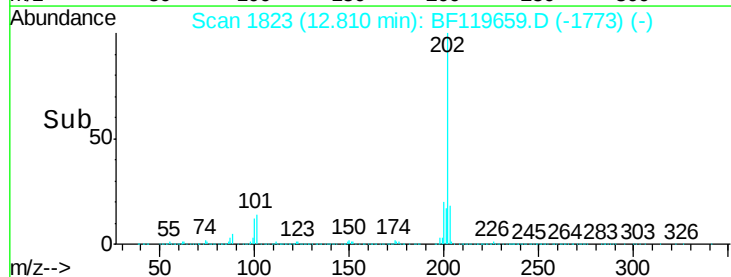
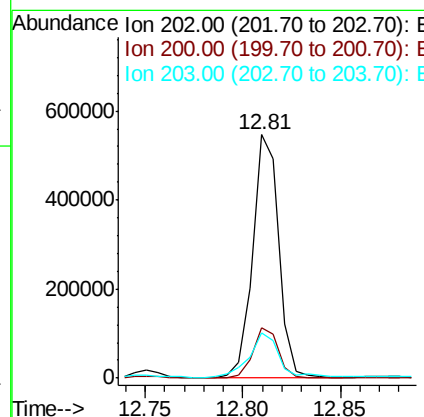
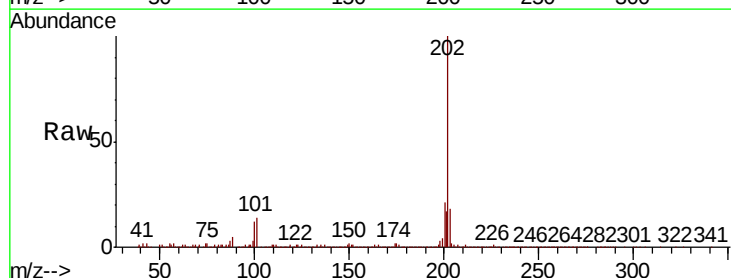
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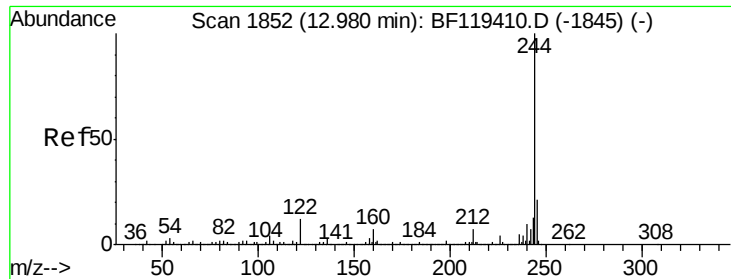
mohammad
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#78
Pyrene
Concen: 11.317 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	18.4	15.1	22.7





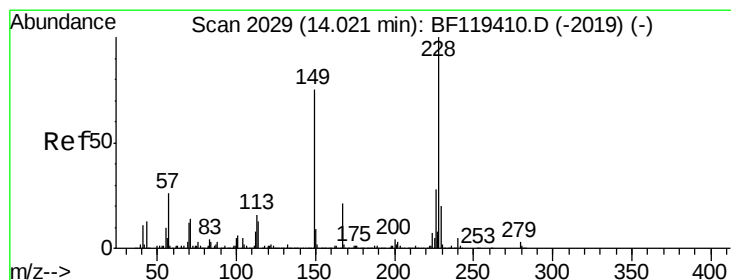
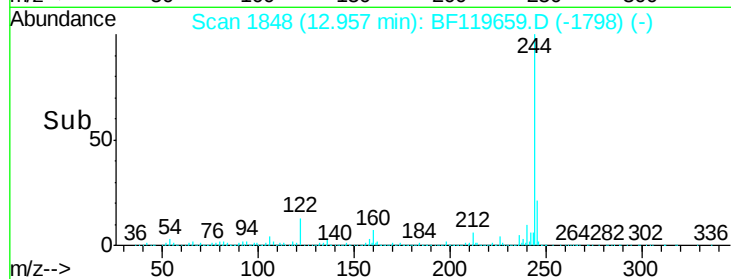
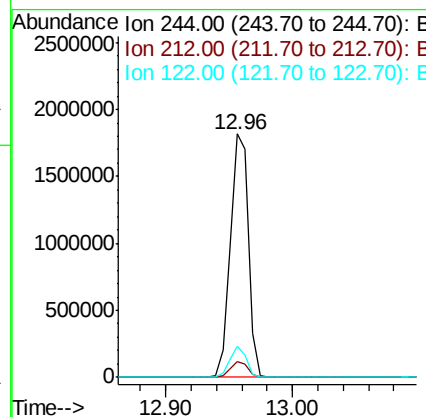
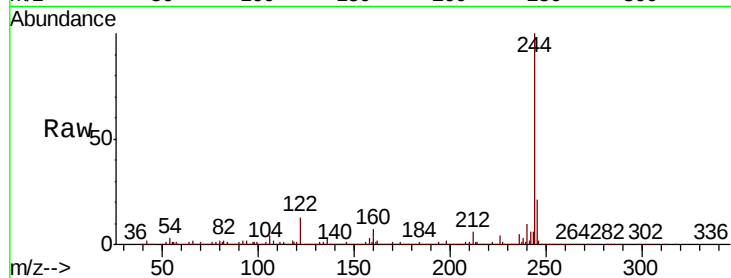
#79
 Terphenyl-d14
 Concen: 64.507 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119659.D
 Acq: 31 Mar 2020 18:34

Instrument :
 BNA_F
 ClientSampled :
 SB-6-(1-3)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	12.8	10.3	15.5

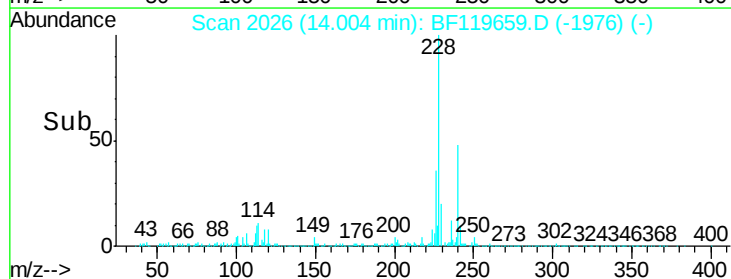
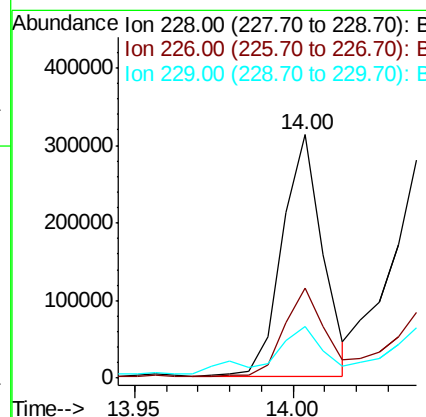
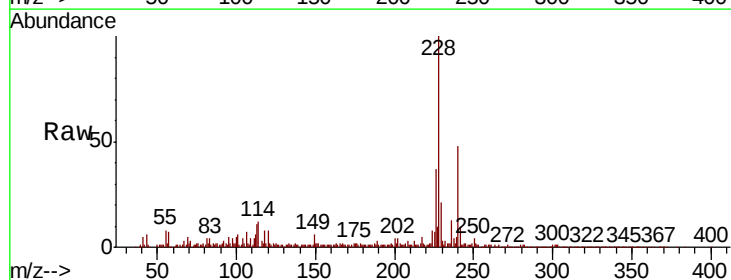
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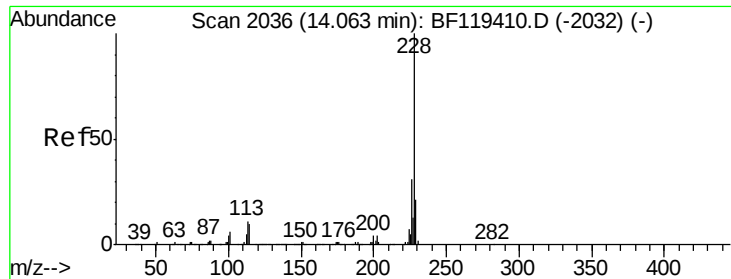
mohammad
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#81
 Benzo(a)anthracene
 Concen: 7.923 ng m
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119659.D
 Acq: 31 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.8	21.8	32.8#
229	21.4	16.2	24.4





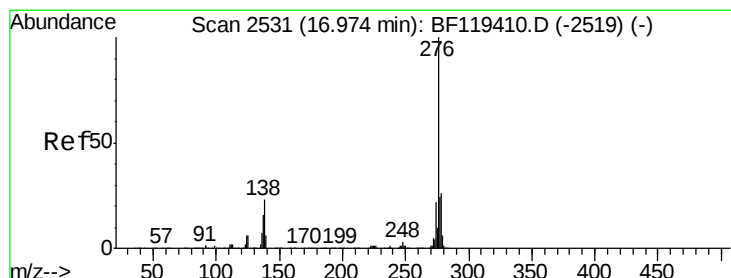
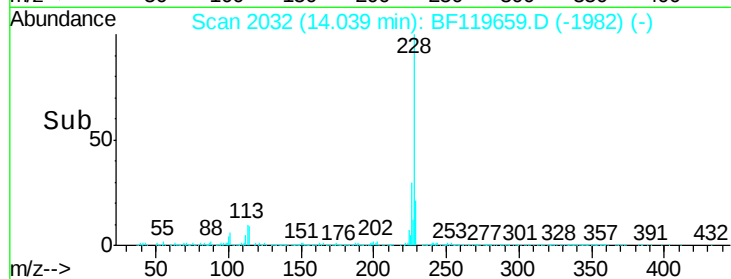
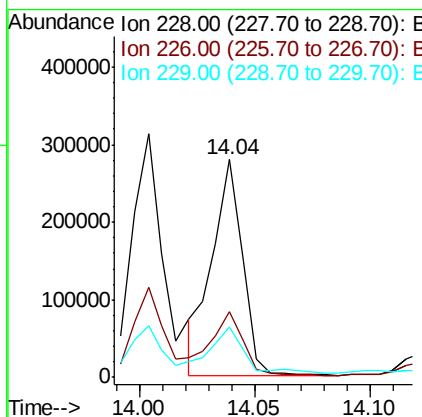
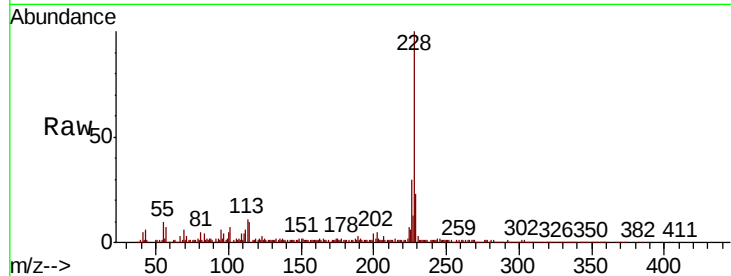
#83
Chrysene
Concen: 7.013 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :
SB-6-(1-3)

Tot Ion:	228	Resp:	254085
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.4	38.0
229	23.0	16.6	24.8

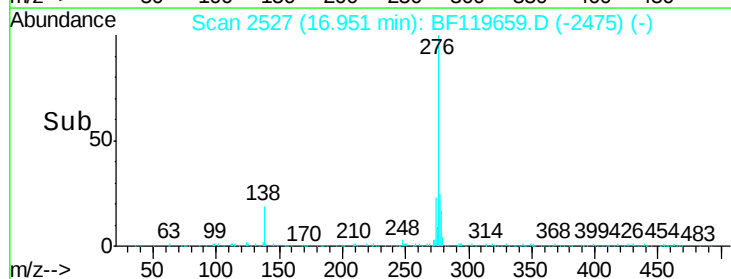
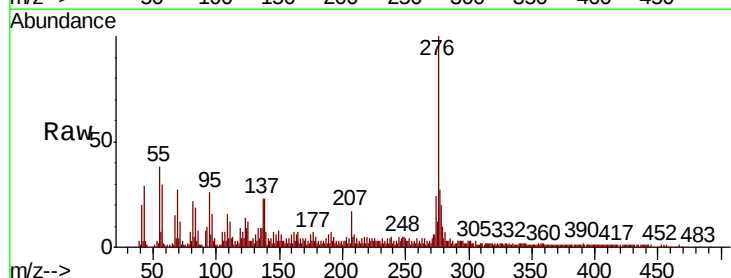
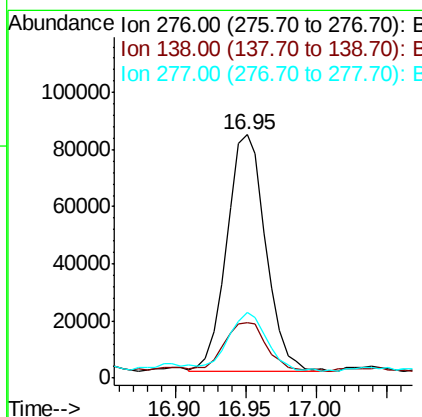
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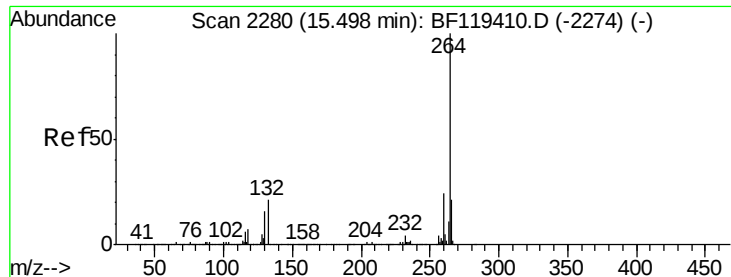
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.662 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Tgt Ion:	276	Resp:	159078
Ion Ratio	Lower	Upper	
276	100		
138	22.4	19.6	29.4
277	23.5	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF119659.D

Acq: 31 Mar 2020 18:34

Instrument :

BNA_F

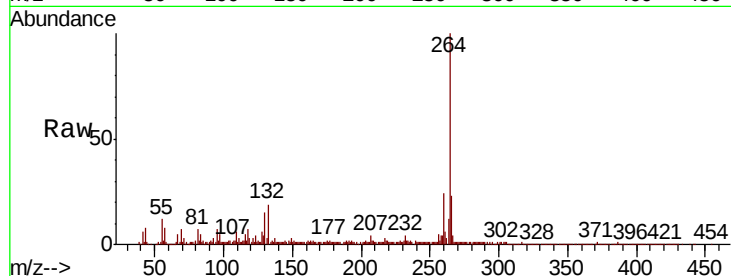
ClientSampleId :

SB-6-(1-3)

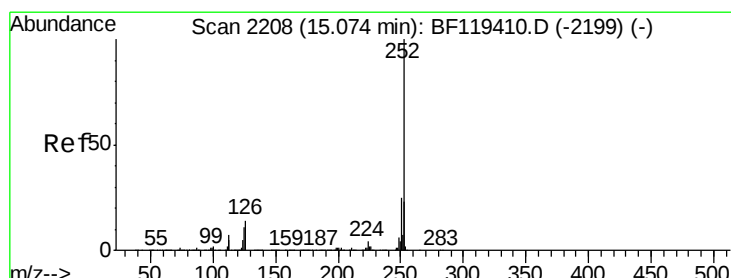
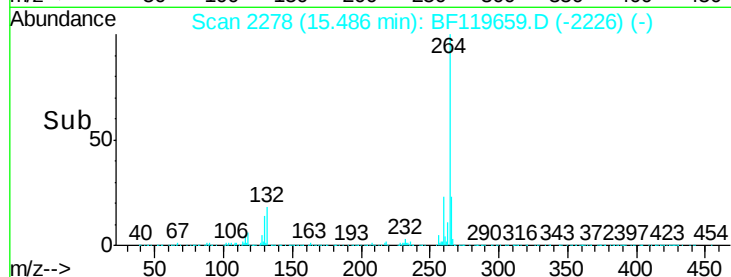
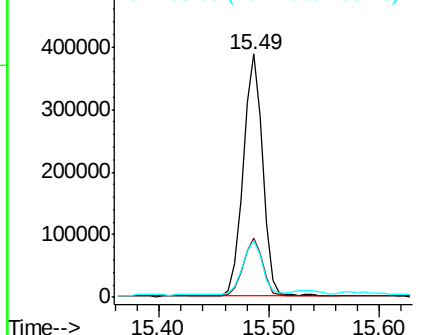
Tot Ion:	264	Resp:	481797
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.7	28.1
265	23.3	17.7	26.5

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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: 12.071 ng m

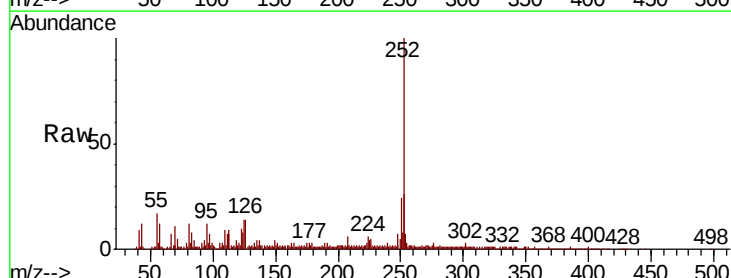
RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

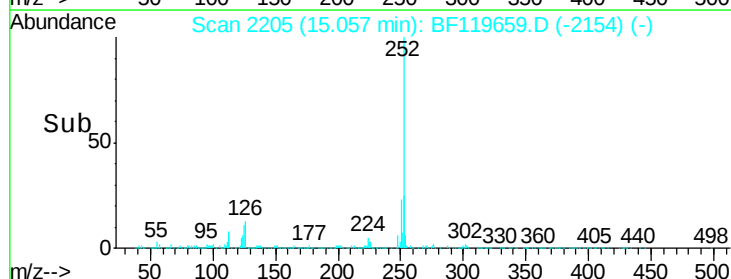
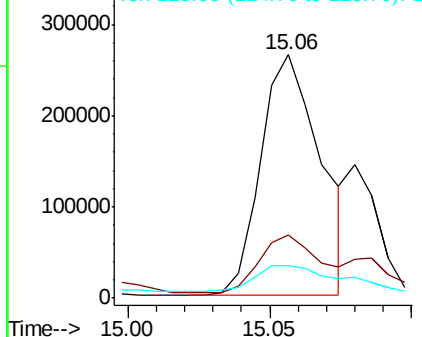
Lab File: BF119659.D

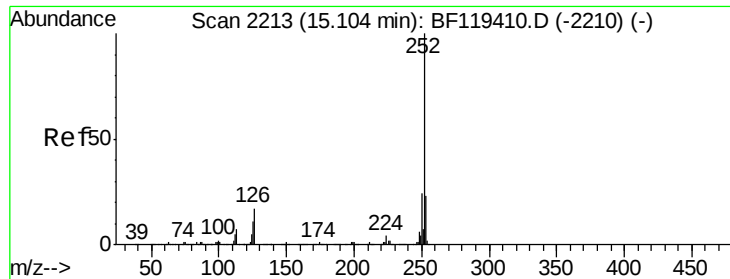
Acq: 31 Mar 2020 18:34

Tgt Ion:	252	Resp:	388479
Ion Ratio		Lower	Upper
252	100		
253	26.0	17.4	26.0
125	13.5	7.9	11.9#



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





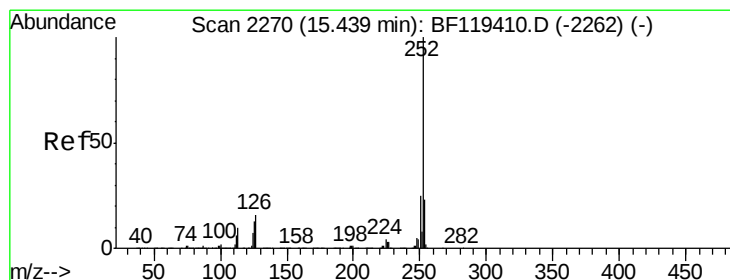
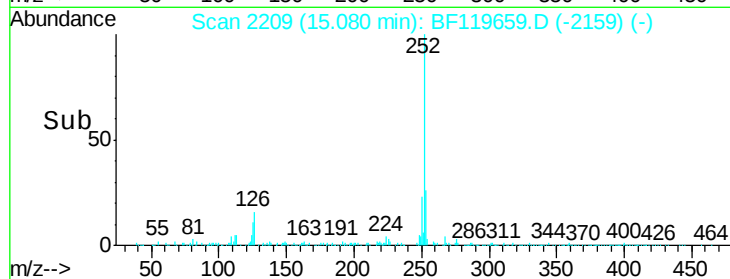
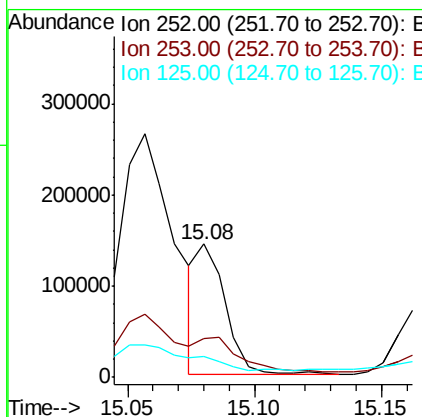
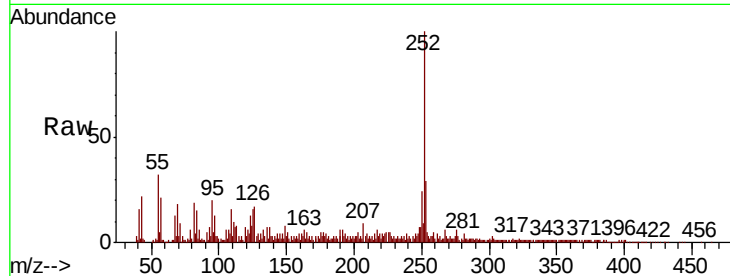
#89
Benzo(k)fluoranthene
Concen: 3.614 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :
SB-6-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.8	26.6#
125	15.5	8.4	12.6#

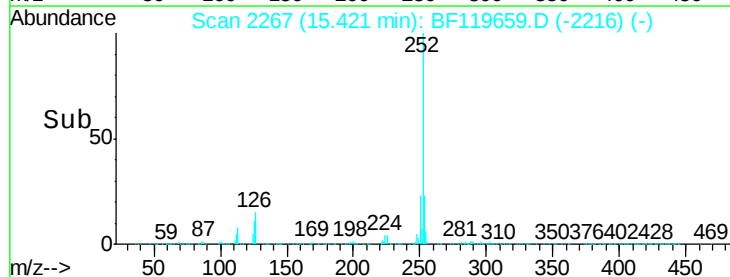
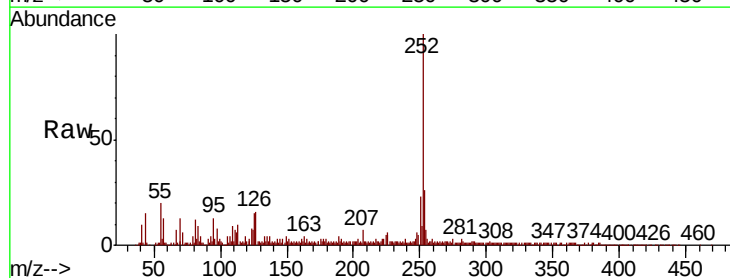
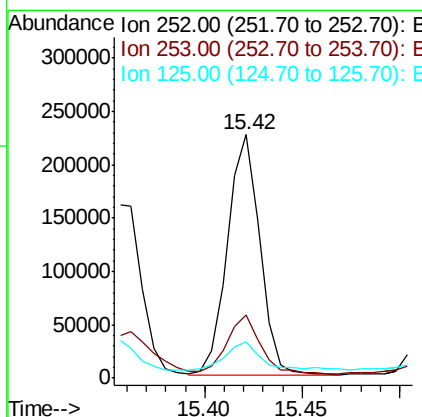
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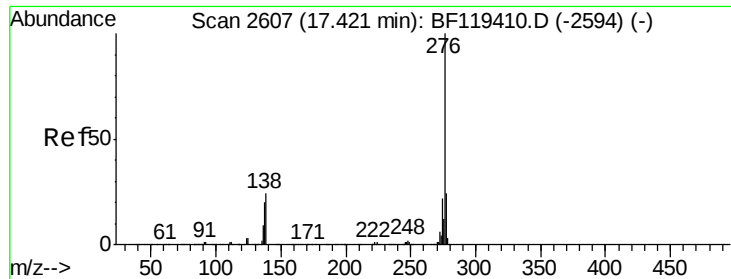
mohammad
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#90
Benzo(a)pyrene
Concen: 8.821 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF119659.D
Acq: 31 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.2
125	14.7	9.4	14.2#





#92
 Benzo(a,h,i)perylene
 Concen: 6.161 ng
 RT: 17.39 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BF119659.D
 Acq: 31 Mar 2020 18:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(1-3)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.4	27.6
138	23.6	15.4	23.0

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 4/1/2020 11:55:34 AM

