

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120475.D
 Acq On : 1 Jun 2020 17:06
 Operator : JU/CG
 Sample : L2773-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM61-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 09:24:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	243201	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	880831	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	418045	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	700270	20.00	ng	0.00
76) Chrysene-d12	14.00	240	520607	20.00	ng	0.00
86) Perylene-d12	15.46	264	528604	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1075202	84.25	ng	0.00
7) Phenol-d6	6.47	99	1361480	86.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	884535	65.69	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	354637	91.56	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1599776	64.93	ng	0.00
79) Terphenyl-d14	12.95	244	1479768	63.25	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	259466	9.93	ng	99
71) Phenanthrene	11.39	178	161529	5.23	ng	98
75) Fluoranthene	12.57	202	422650	12.73	ng	97
78) Pyrene	12.80	202	416387	11.50	ng	96
81) Benzo(a)anthracene	13.99	228	260347m	9.33	ng	
83) Chrysene	14.03	228	251957	8.61	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	135097	4.67	ng	# 94
88) Benzo(b)fluoranthene	15.03	252	336083m	11.45	ng	
89) Benzo(k)fluoranthene	15.06	252	108816m	3.97	ng	
90) Benzo(a)pyrene	15.39	252	226189	8.81	ng	97
92) Benzo(g,h,i)perylene	17.34	276	121981	5.25	ng	98

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

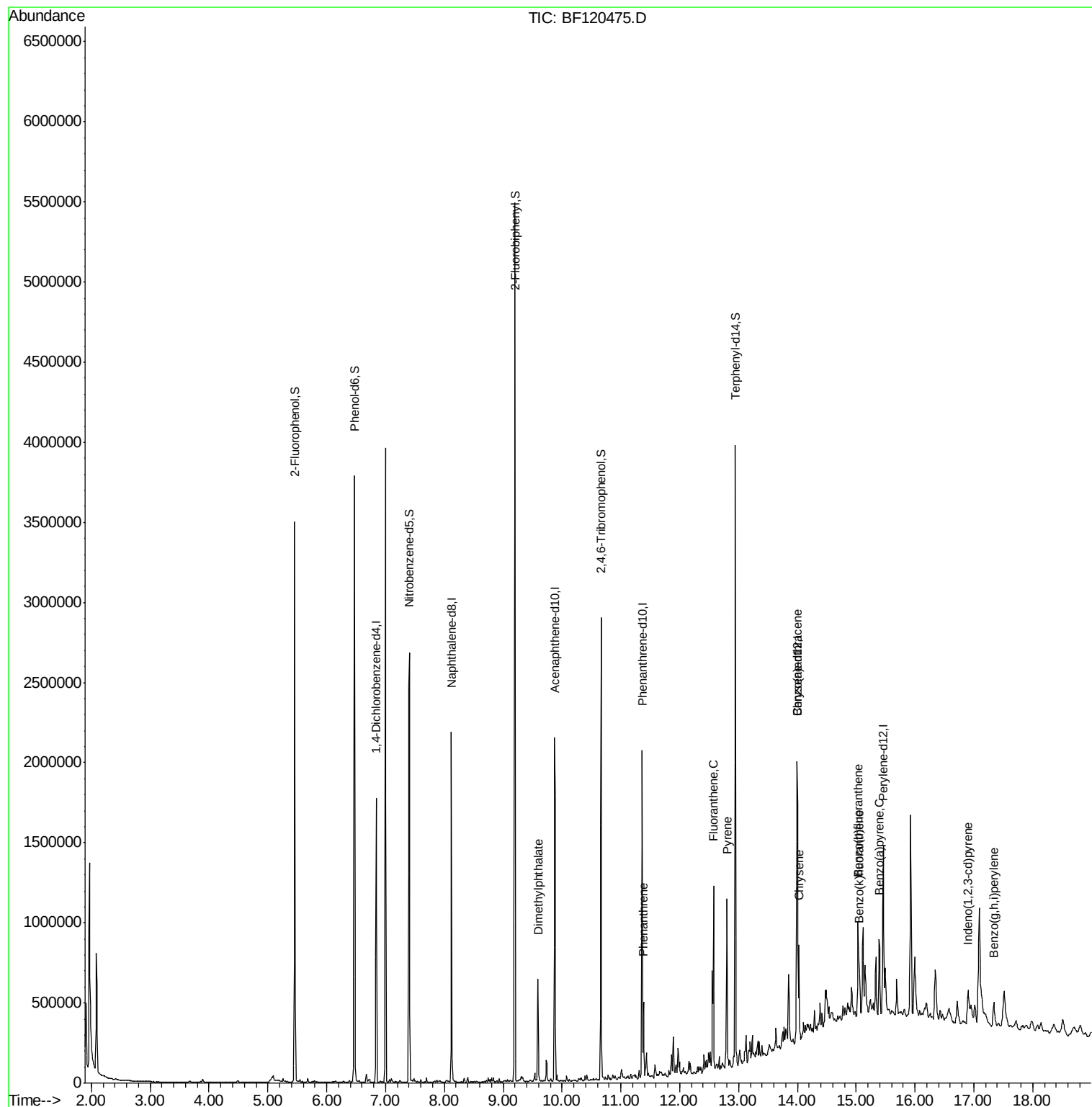
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120475.D
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Operator : JU/CG
Sample : L2773-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

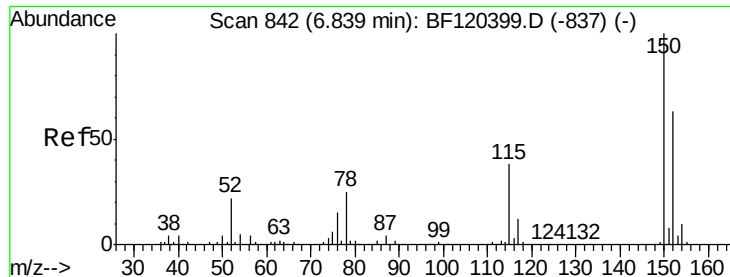
Instrument :
BNA_F
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NM61-COMP-2020-0-6

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Quant Time: Jun 02 09:24:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

Instrument :

BNA_F

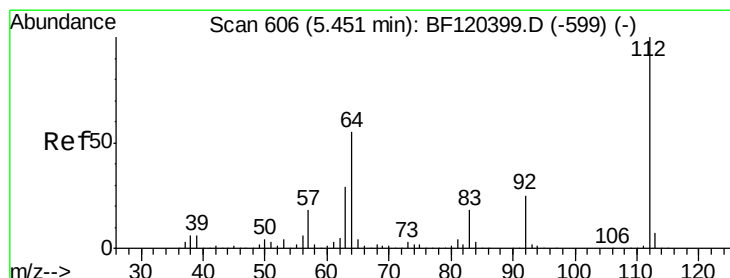
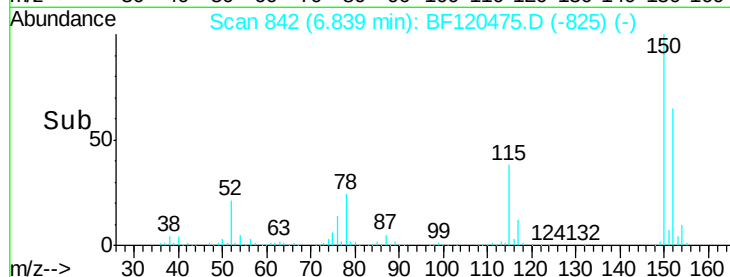
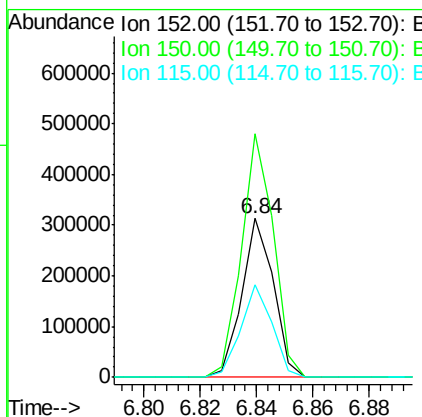
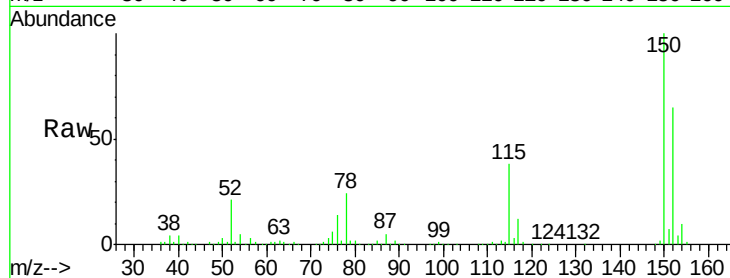
ClientSampleId :

NM61-COMP-2020-0-6

Tgt Ion:	152	Resp:	243201
Ion Ratio	Lower	Upper	
152	100		
150	153.4	126.5	189.7
115	58.3	47.6	71.4

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#5

2-Fluorophenol

Concen: 84.25 ng

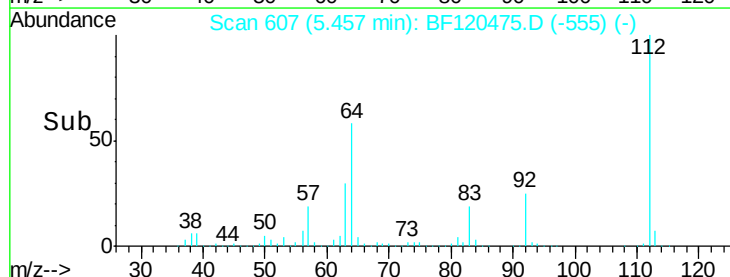
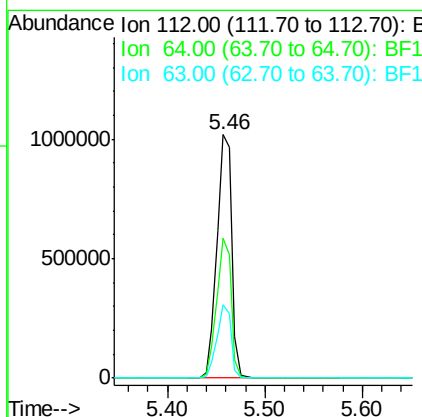
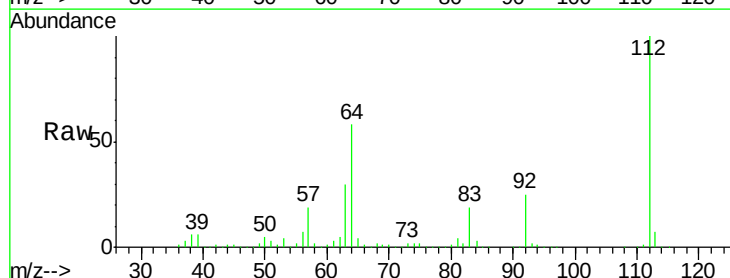
RT: 5.46 min Scan# 607

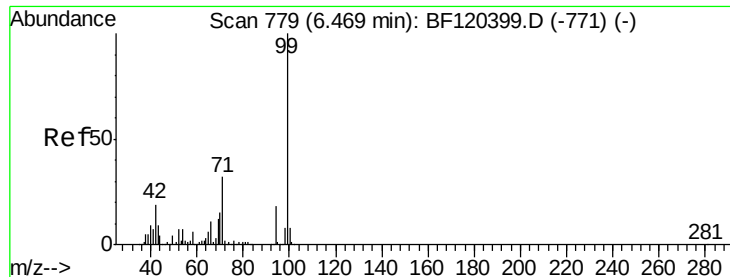
Delta R.T. 0.01 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

Tgt Ion:	112	Resp:	1075202
Ion Ratio	Lower	Upper	
112	100		
64	57.5	44.3	66.5
63	30.1	22.9	34.3





#7

Phenol-d6

Concen: 86.56 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

Instrument :

BNA_F

ClientSampleId :

NM61-COMP-2020-0-6

Tgt Ion: 99 Resp: 1361480

Ion Ratio Lower Upper

99 100

42 18.3 15.2 22.8

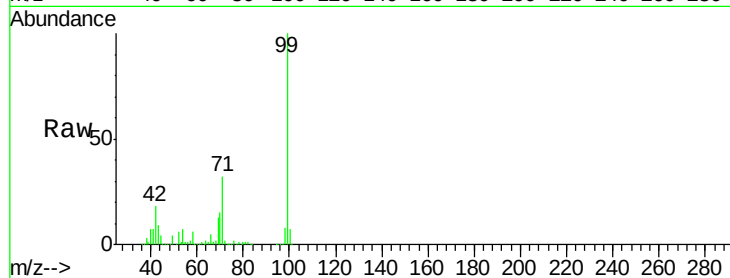
71 32.5 25.6 38.4

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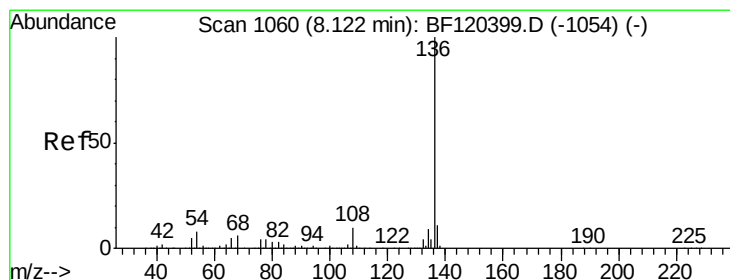
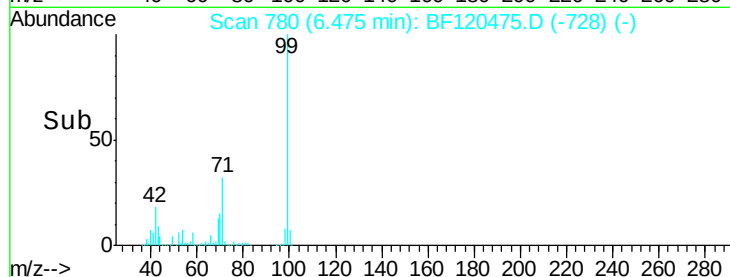
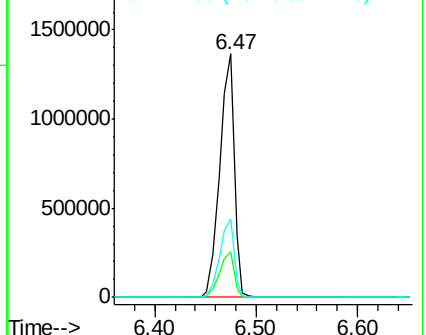
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

Tgt Ion: 136 Resp: 880831

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.7 6.7 10.1

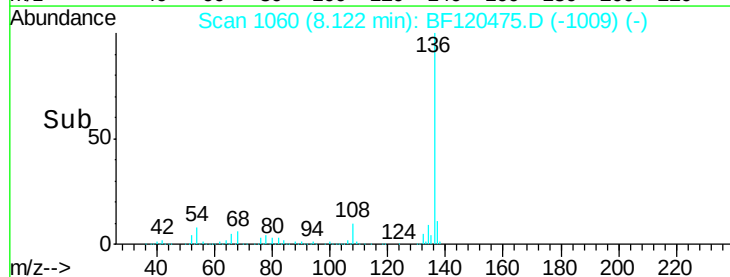
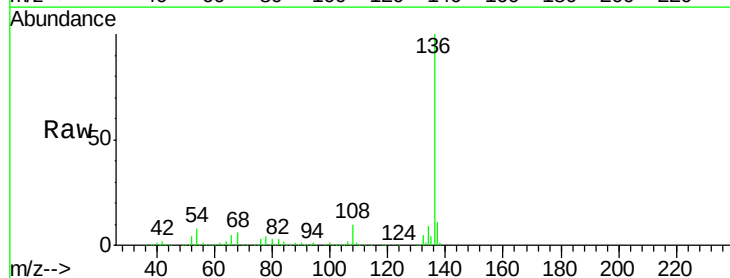
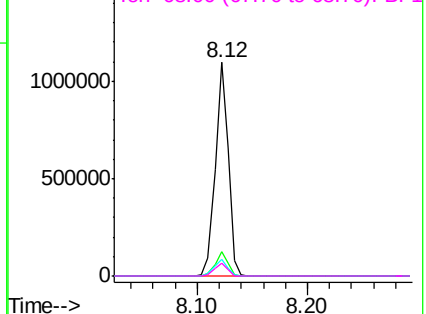
68 6.1 5.0 7.4

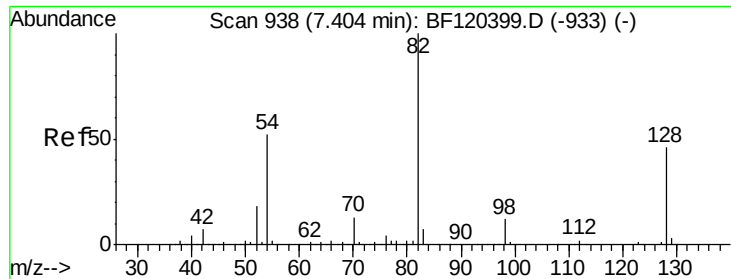
Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.69 ng

RT: 7.40 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

Instrument :

BNA_F

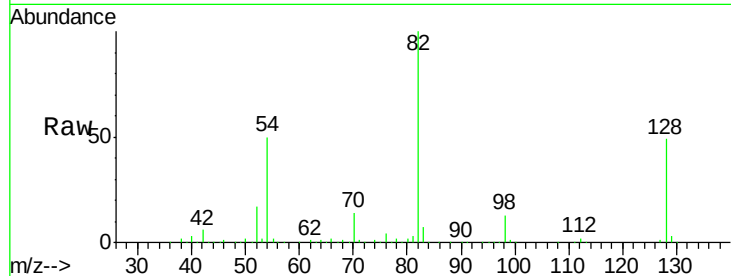
ClientSampleId :

NM61-COMP-2020-0-6

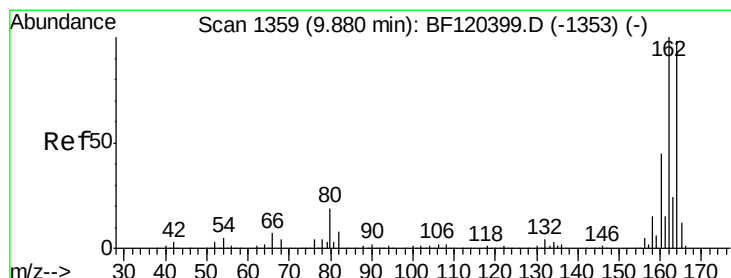
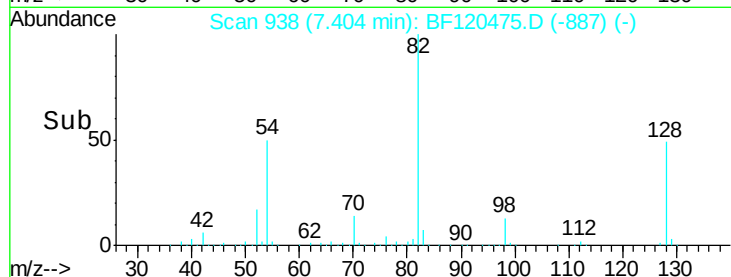
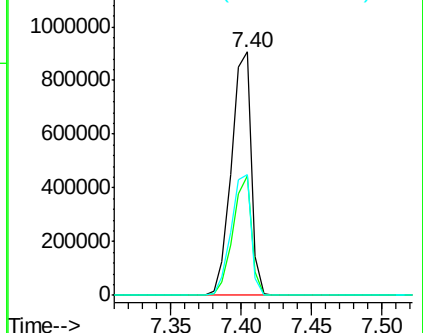
Tgt Ion:	82	Resp:	884535
Ion Ratio	Lower	Upper	
82	100		
128	48.8	36.8	55.2
54	49.8	41.6	62.4

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.00 ng

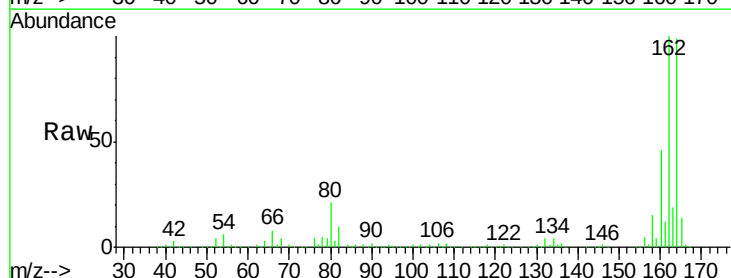
RT: 9.87 min Scan# 1358

Delta R.T. 0.00 min

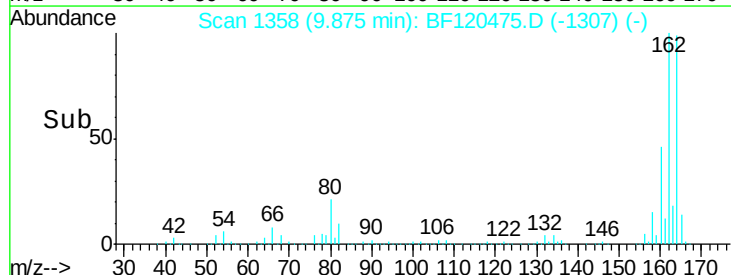
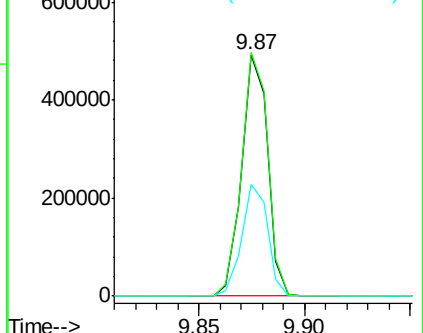
Lab File: BF120475.D

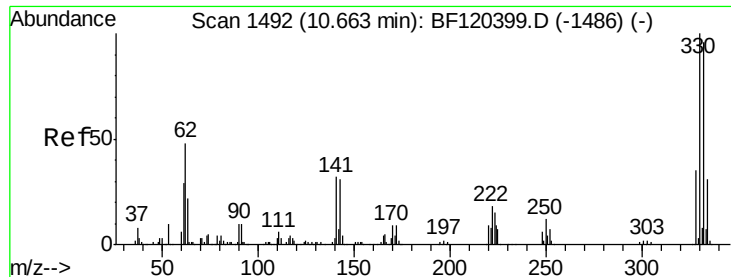
Acq: 1 Jun 2020 17:06

Tgt Ion:	164	Resp:	418045
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.3	121.9
160	46.1	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 91.56 ng

RT: 10.66 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

Instrument :

BNA_F

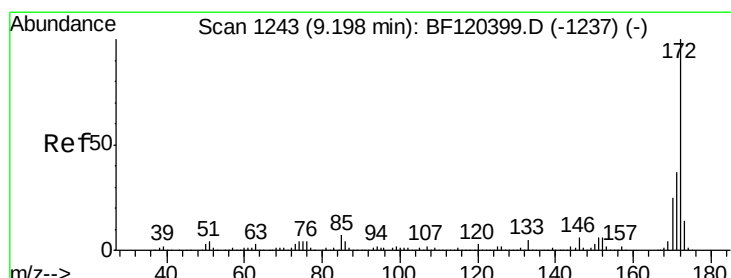
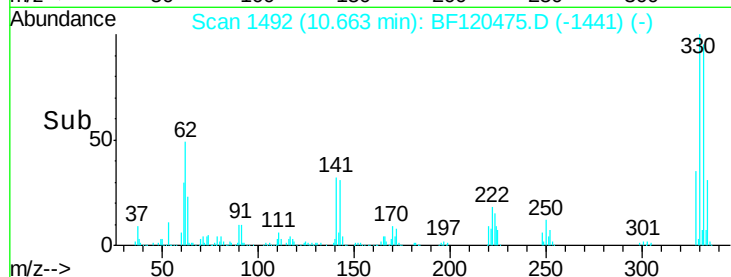
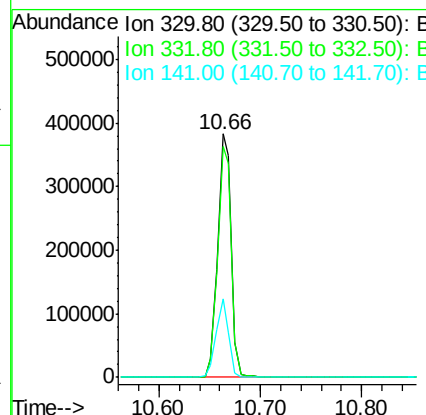
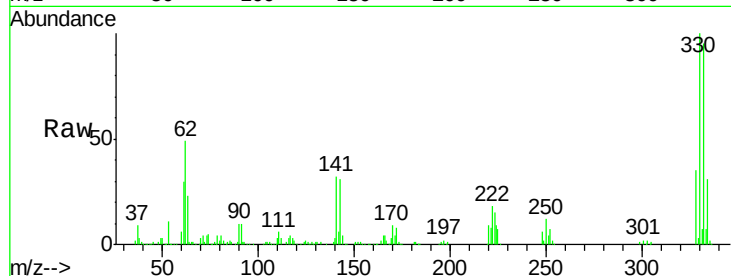
ClientSampleId :

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Tgt Ion:	330	Resp:	354637
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	30.0	25.3	37.9

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#45

2-Fluorobiphenyl

Concen: 64.93 ng

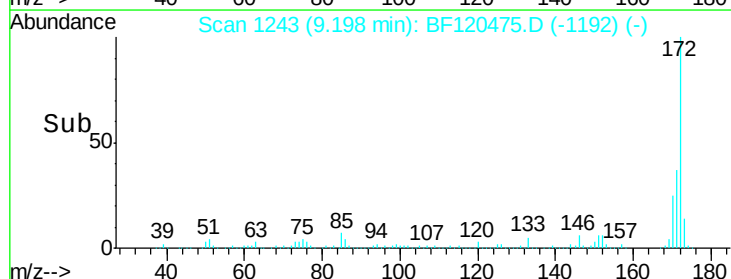
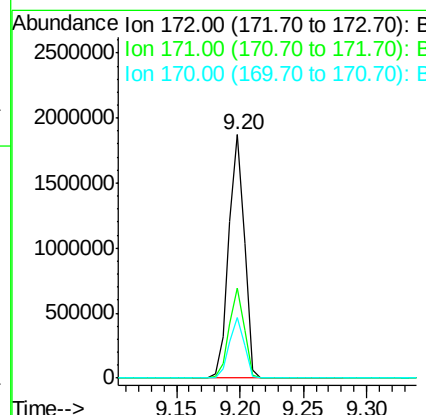
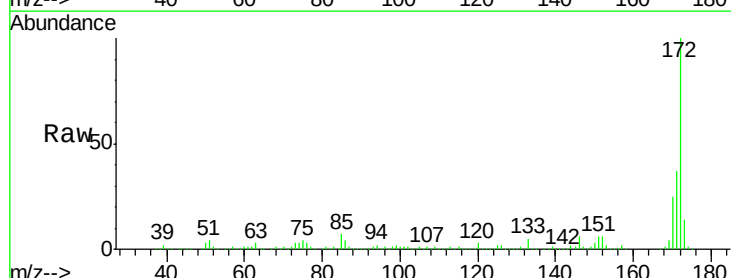
RT: 9.20 min Scan# 1243

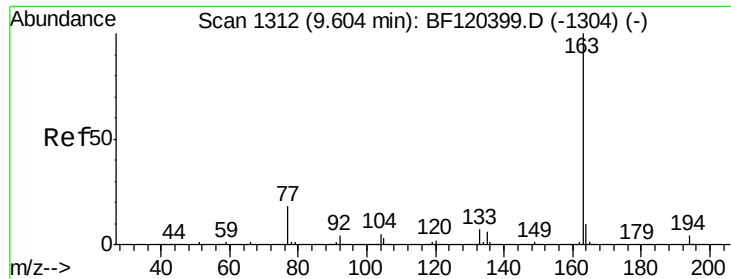
Delta R.T. 0.00 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

Tgt Ion:	172	Resp:	1599776
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.7	19.9	29.9





#50

Dimethylphthalate

Concen: 9.93 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

Instrument :

BNA_F

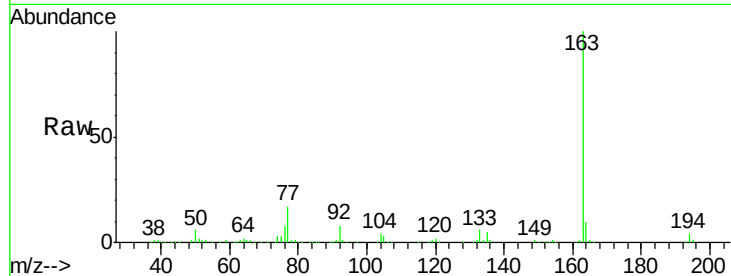
ClientSampleId :

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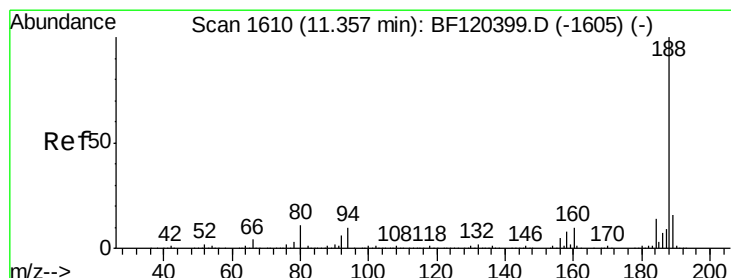
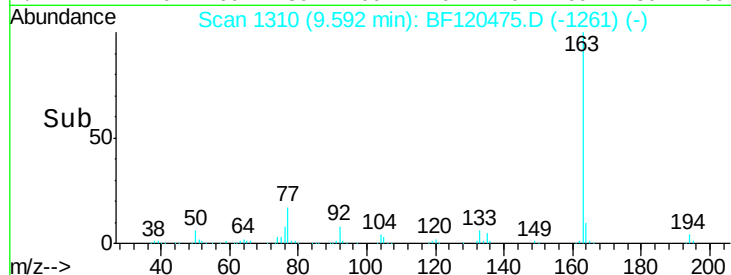
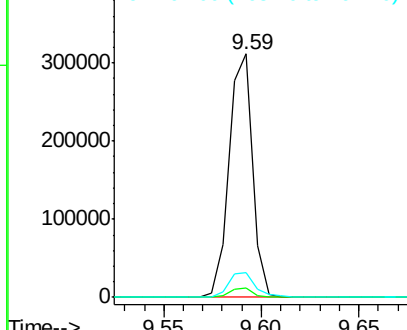
Tgt Ion:	163	Resp:	259466
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.1	8.3	12.5

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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: 20.00 ng

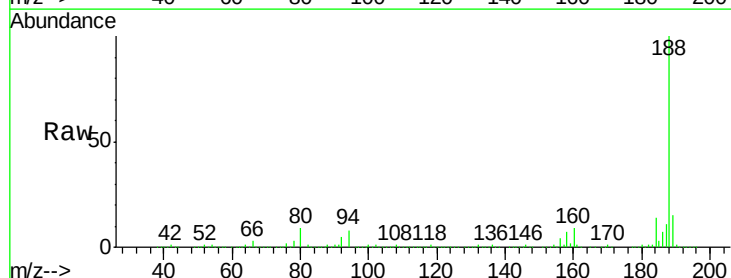
RT: 11.36 min Scan# 1611

Delta R.T. 0.01 min

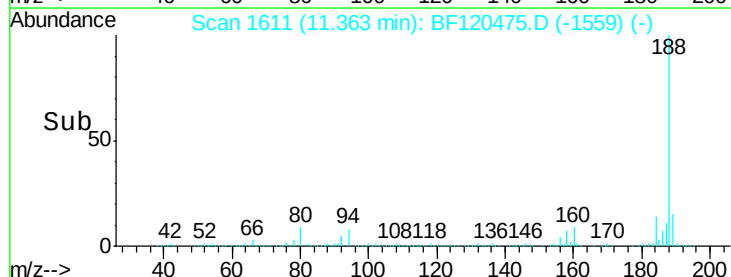
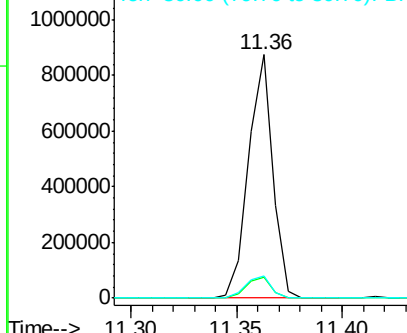
Lab File: BF120475.D

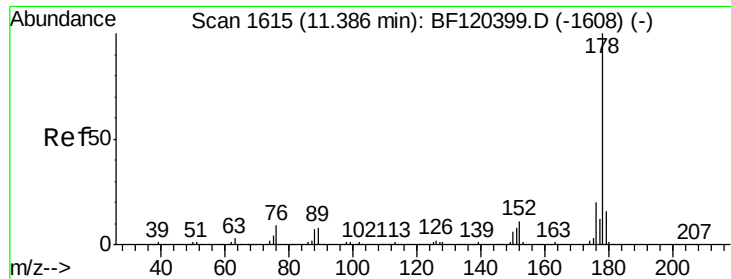
Acq: 1 Jun 2020 17:06

Tgt Ion:	188	Resp:	700270
Ion Ratio	Lower	Upper	
188	100		
94	8.3	7.9	11.9
80	9.2	8.6	13.0



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





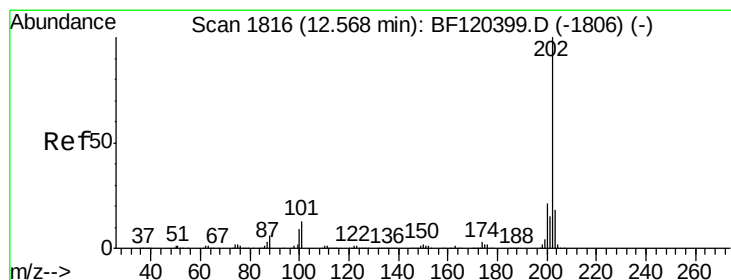
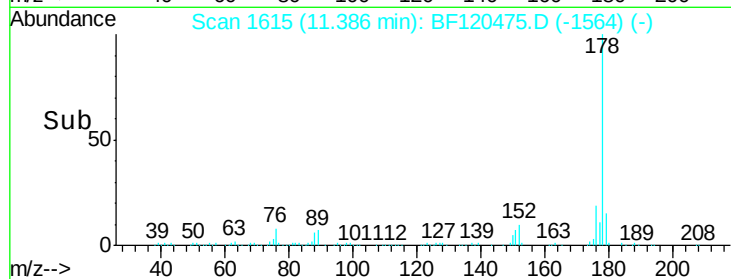
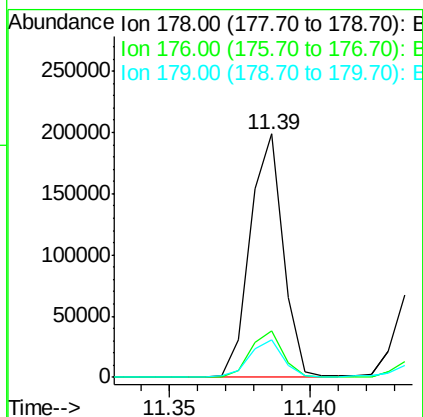
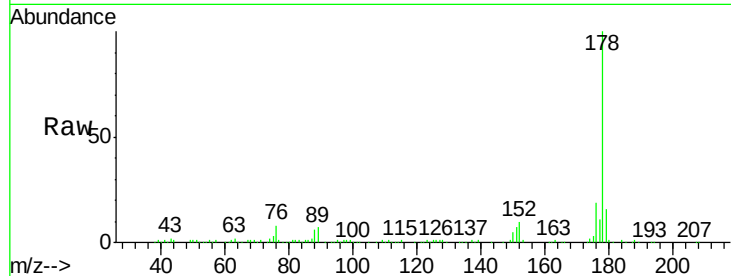
#71
Phenanthrene
Concen: 5.23 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120475.D
Acq: 1 Jun 2020 17:06

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	15.7	13.0	19.4

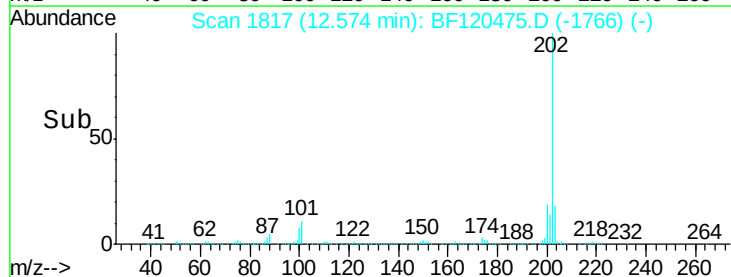
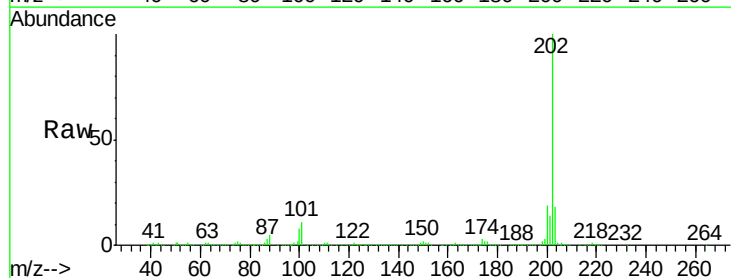
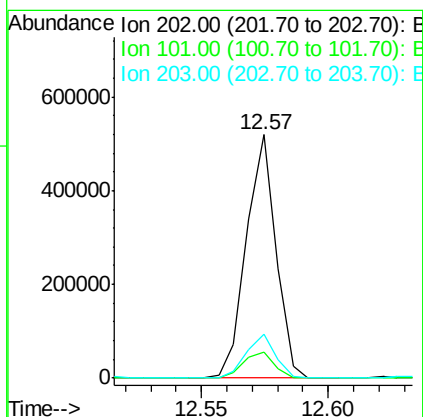
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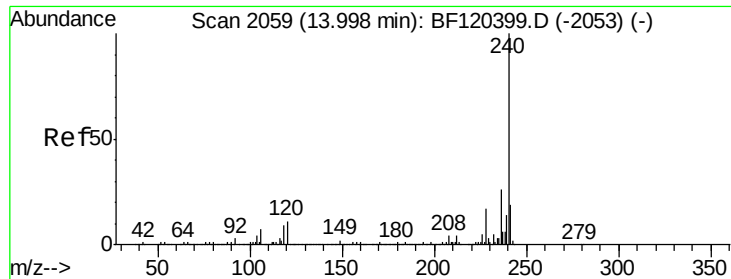
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#75
Fluoranthene
Concen: 12.73 ng
RT: 12.57 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF120475.D
Acq: 1 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.6
203	17.8	0.0	38.4





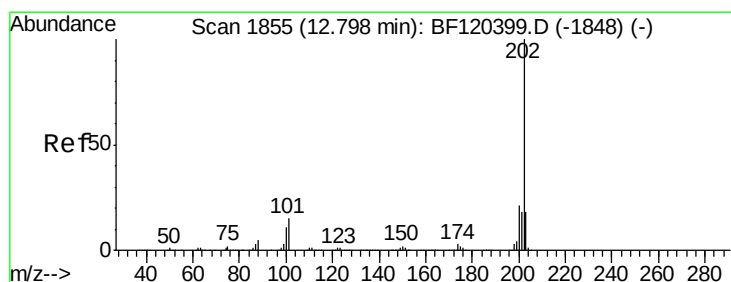
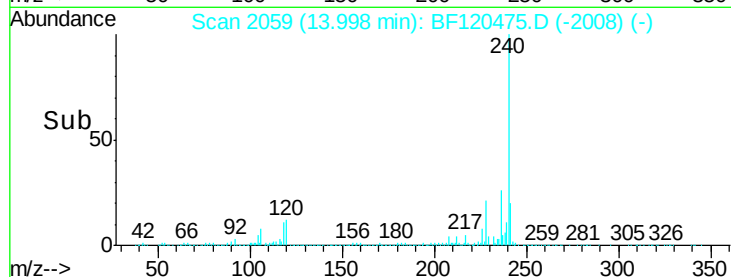
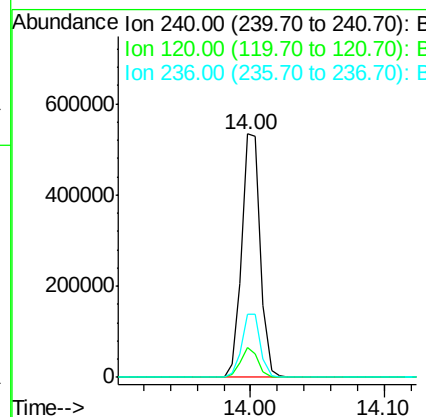
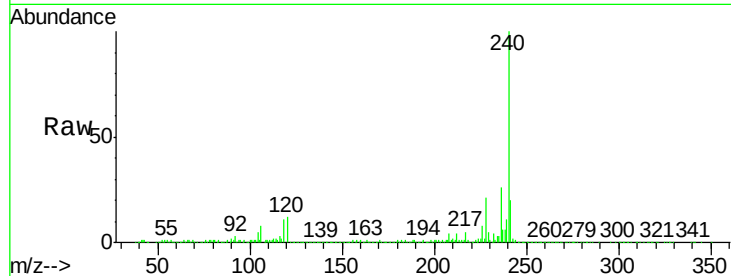
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BF120475.D
Acq: 1 Jun 2020 17:06

Instrument :
BNA_F
ClientSampleId :
NM61-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.8	13.2
236	26.0	21.0	31.4

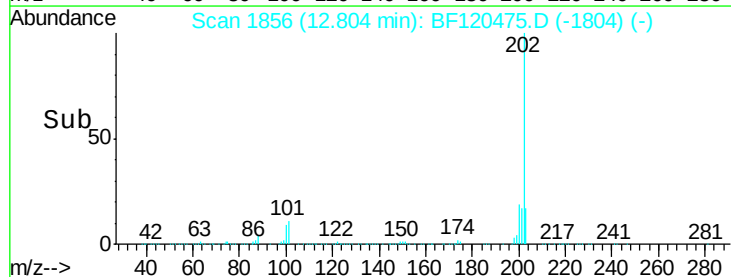
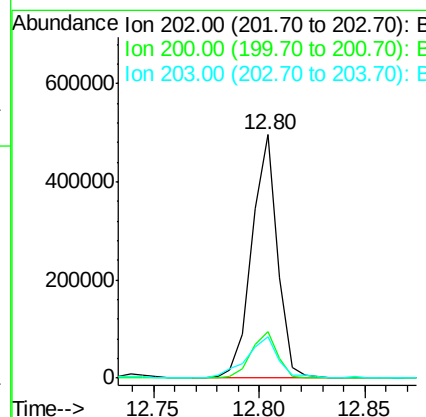
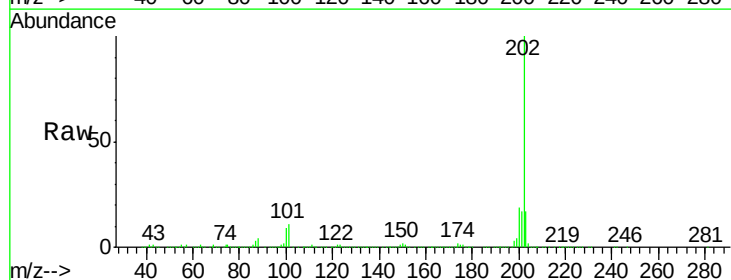
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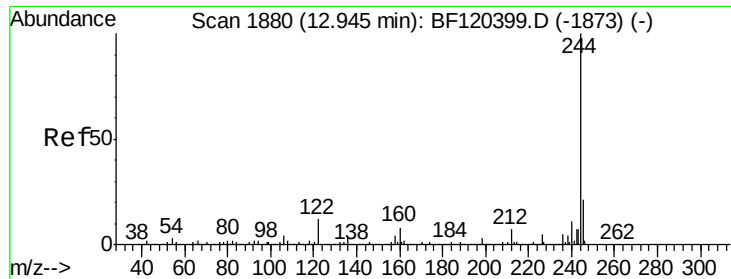
mohammad
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#78
Pyrene
Concen: 11.50 ng
RT: 12.80 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF120475.D
Acq: 1 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.0	25.4
203	17.2	14.7	22.1





#79

Terphenyl-d14

Concen: 63.25 ng

RT: 12.95 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

Instrument :

BNA_F

ClientSampleId :

NM61-COMP-2020-0-6

Tgt Ion:244 Resp: 1479768

Ion Ratio Lower Upper

244 100

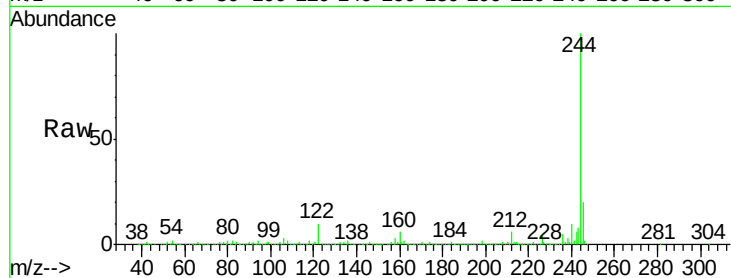
212 6.4 5.9 8.9

122 9.7 9.2 13.8

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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

12.95

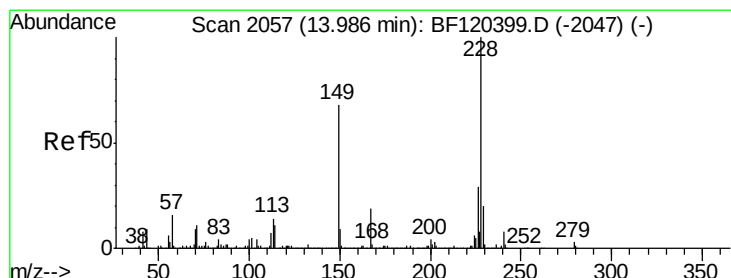
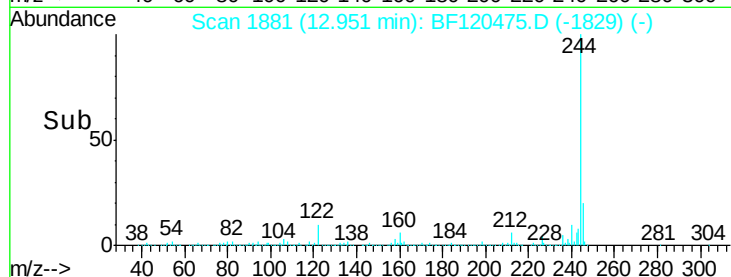
1500000

1000000

500000

0

Time-->



#81

Benzo(a)anthracene

Concen: 9.33 ng m

RT: 13.99 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BF120475.D

Acq: 1 Jun 2020 17:06

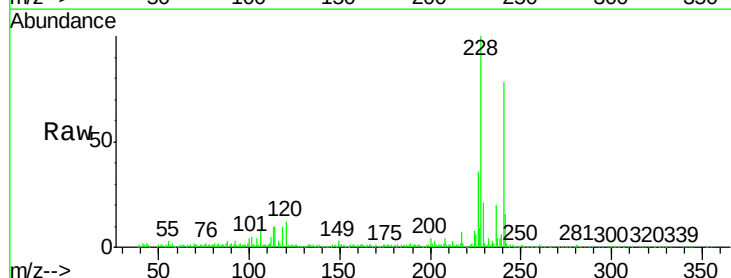
Tgt Ion:228 Resp: 260347

Ion Ratio Lower Upper

228 100

226 35.8 23.0 34.4#

229 20.9 16.2 24.4



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

13.99

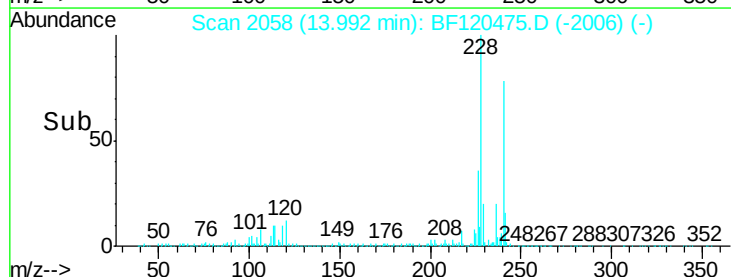
300000

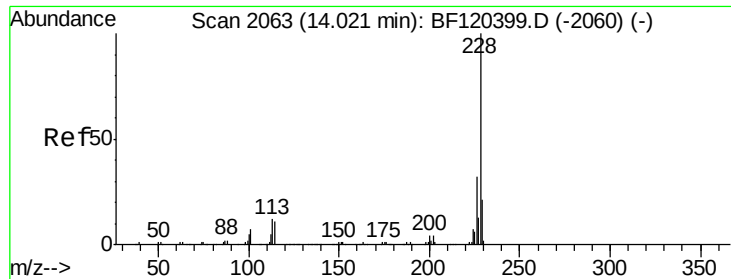
200000

100000

0

Time-->





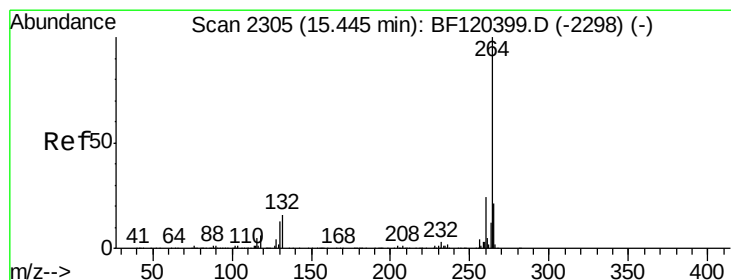
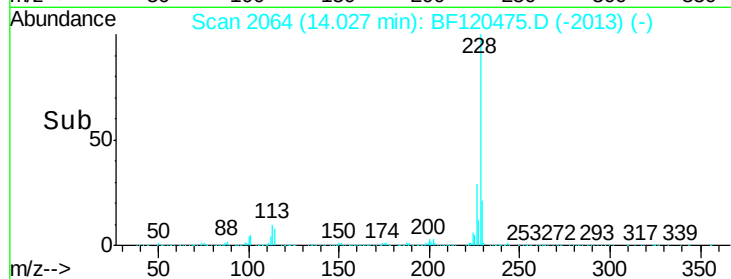
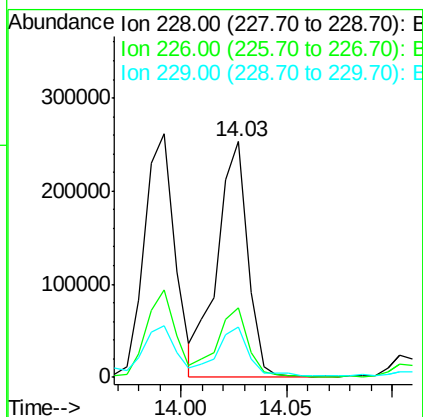
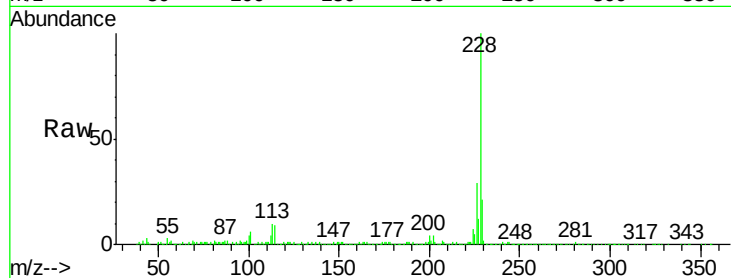
#83
Chrysene
Concen: 8.61 ng
RT: 14.03 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BF120475.D
Acq: 1 Jun 2020 17:06

Instrument :
BNA_F
ClientSampleId :
NM61-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	251957		
226	29.4	25.6	38.4	
229	21.4	16.6	25.0	

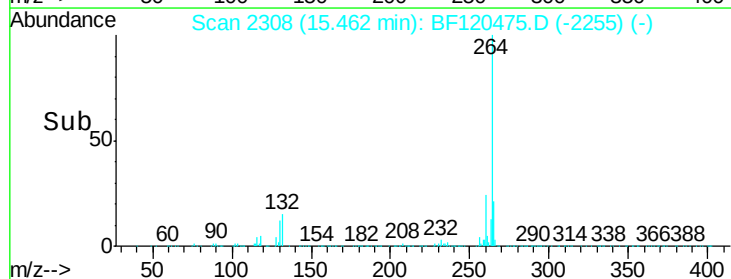
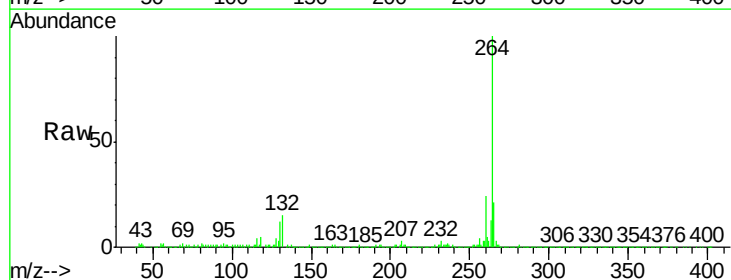
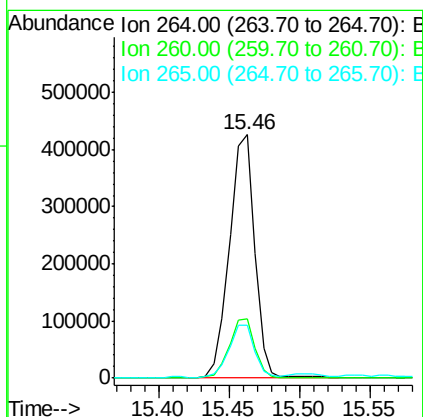
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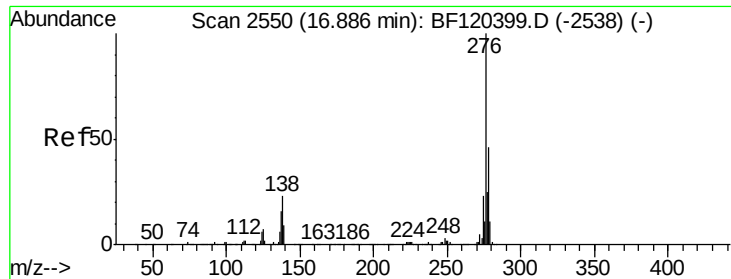
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF120475.D
Acq: 1 Jun 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	528604		
260	24.5	19.2	28.8	
265	21.5	16.9	25.3	





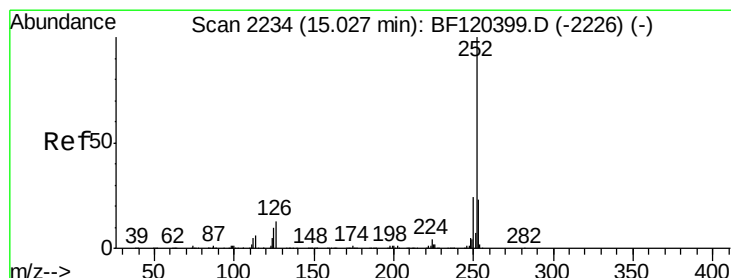
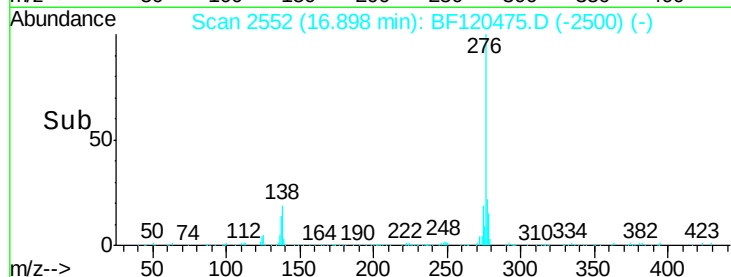
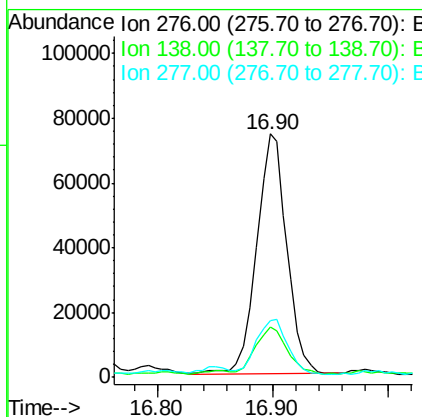
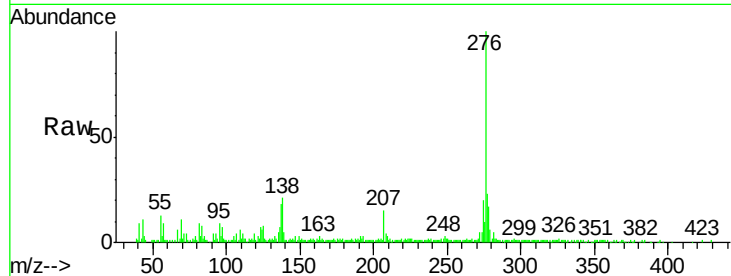
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.67 ng
 RT: 16.90 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BF120475.D
 Acq: 1 Jun 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 NM61-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	20.4	30.6#
277	24.2	20.4	30.6

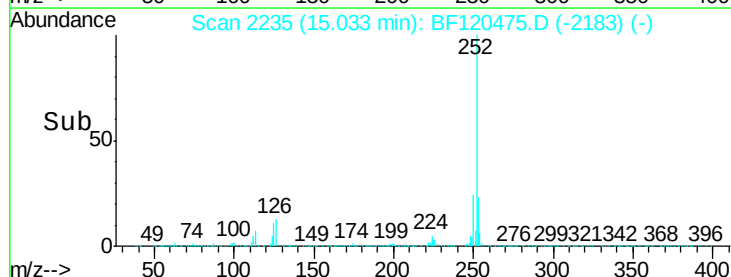
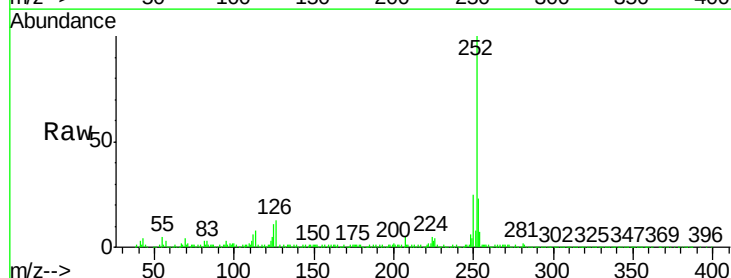
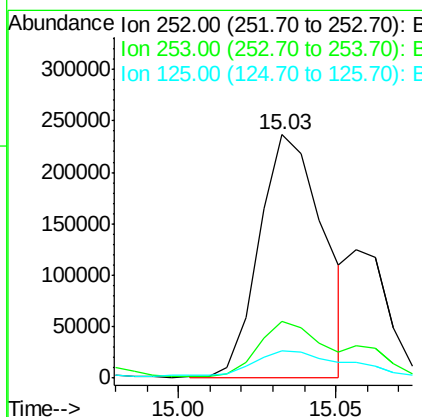
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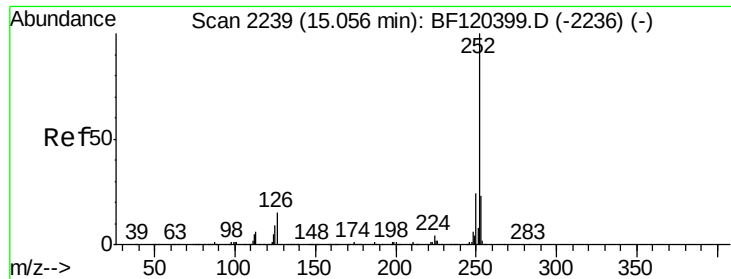
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 11.45 ng m
 RT: 15.03 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BF120475.D
 Acq: 1 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.5	7.8	11.8





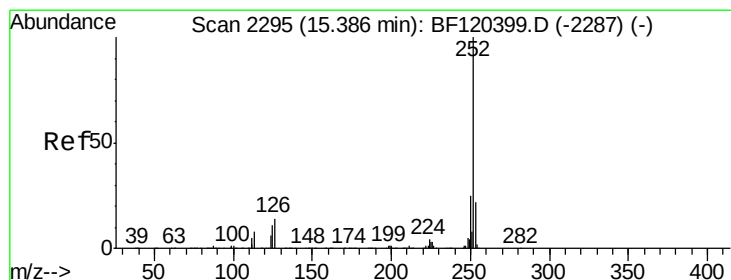
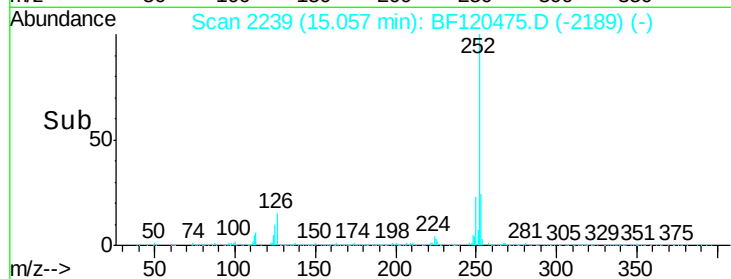
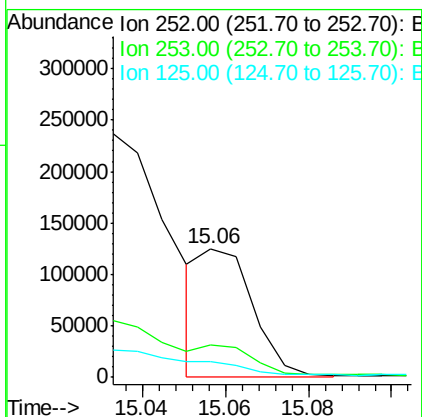
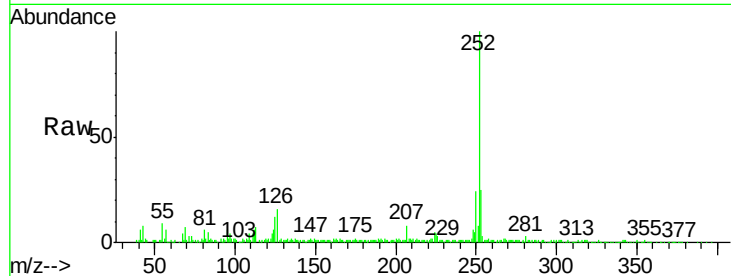
#89
Benzo(k)fluoranthene
Concen: 3.97 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120475.D
Acq: 1 Jun 2020 17:06

Instrument :
BNA_F
ClientSampleId :
NM61-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	12.0	8.0	12.0

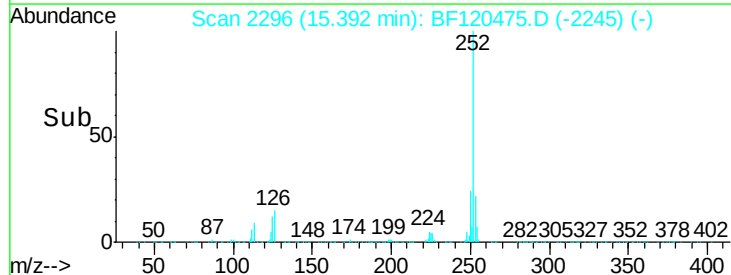
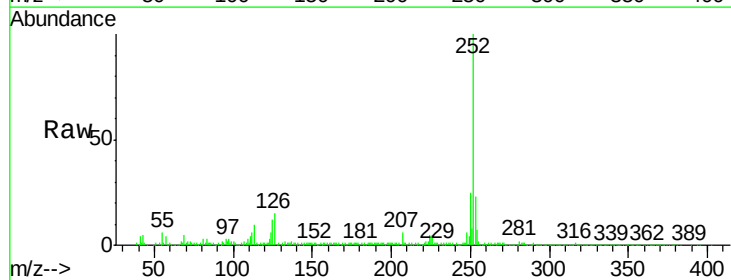
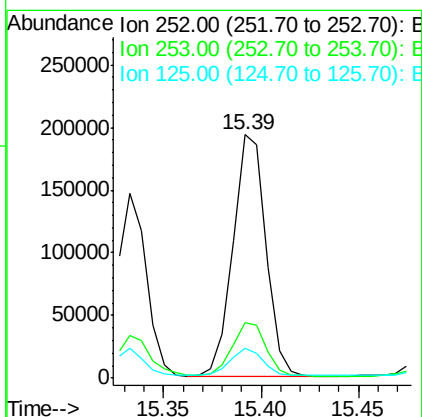
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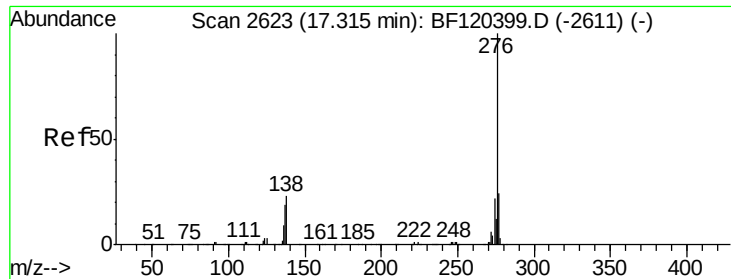
mohammad
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#90
Benzo(a)pyrene
Concen: 8.81 ng
RT: 15.39 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF120475.D
Acq: 1 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	12.4	8.7	13.1





#92
 Benzo(g,h,i)perylene
 Concen: 5.25 ng
 RT: 17.34 min Scan# 2627
 Delta R.T. 0.01 min
 Lab File: BF120475.D
 Acq: 1 Jun 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 NM61-COMP-2020-0-6

Tgt Ion:	276	Resp:	121981
Ion Ratio		Lower	Upper
276	100		
277	25.1	19.5	29.3
138	20.9	18.1	27.1

Manual Integrations
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mohammad
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