

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120471.D
 Acq On : 1 Jun 2020 15:18
 Operator : JU/CG
 Sample : L2745-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM60-COMP-2020-0-6

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Quant Time: Jun 01 16:05:19 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	243581	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	872130	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	416835	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	684499	20.00	ng	0.00
76) Chrysene-d12	14.00	240	497617	20.00	ng	0.00
86) Perylene-d12	15.46	264	539967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1200640	93.94	ng	0.01
7) Phenol-d6	6.47	99	1468085	93.19	ng	0.00
23) Nitrobenzene-d5	7.40	82	958094	71.86	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	377235	97.67	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1701435	69.26	ng	0.00
79) Terphenyl-d14	12.95	244	1510291	67.54	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.73	152	87424	2.51	ng	97
50) Dimethylphthalate	9.59	163	241251	9.26	ng	100
71) Phenanthrene	11.39	178	461659	15.31	ng	97
72) Anthracene	11.43	178	132991	4.39	ng	98
75) Fluoranthene	12.57	202	901468	27.78	ng	97
78) Pyrene	12.80	202	866982	25.05	ng	98
81) Benzo(a)anthracene	13.99	228	479473	17.98	ng	95
83) Chrysene	14.03	228	444088	15.88	ng	98
87) Indeno(1,2,3-cd)pyrene	16.90	276	290844m	9.85	ng	
88) Benzo(b)fluoranthene	15.03	252	639713m	21.33	ng	
89) Benzo(k)fluoranthene	15.06	252	220625m	7.88	ng	
90) Benzo(a)pyrene	15.40	252	460057	17.54	ng	98
91) Dibenzo(a,h)anthracene	16.91	278	69474	2.89	ng	93
92) Benzo(g,h,i)perylene	17.34	276	260306	10.96	ng	99

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

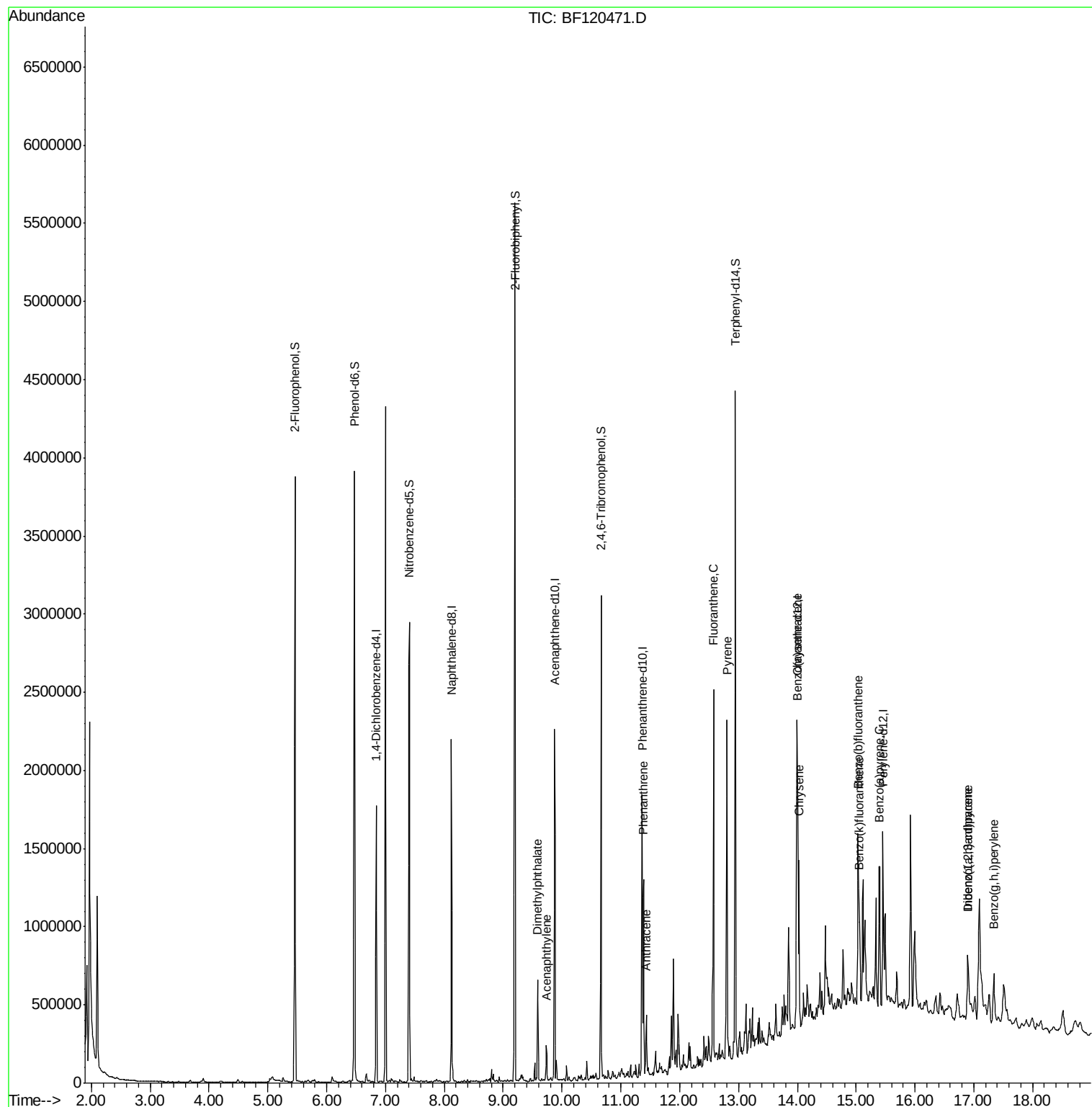
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120471.D
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ALS Vial : 12 Sample Multiplier: 1

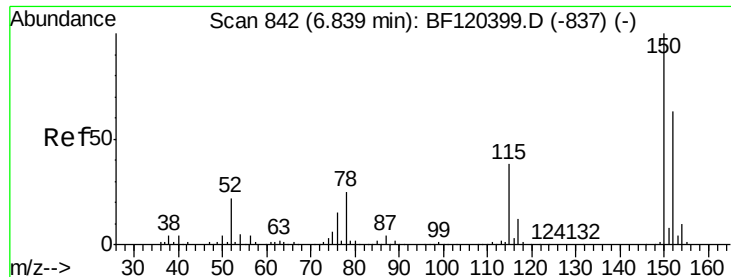
Instrument :
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Quant Time: Jun 01 16:05:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120471.D

Acq: 1 Jun 2020 15:18

Instrument :

BNA_F

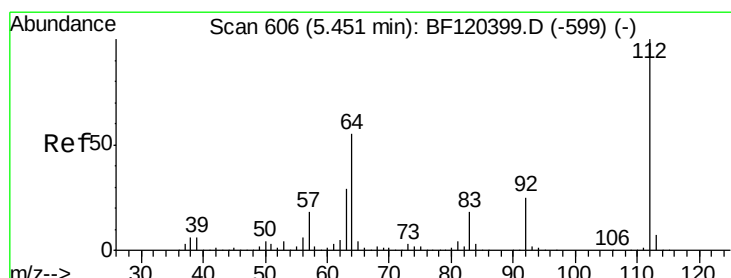
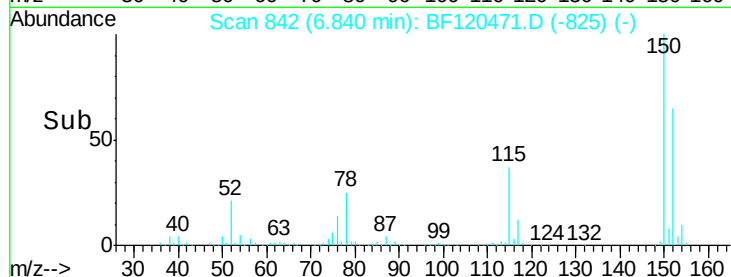
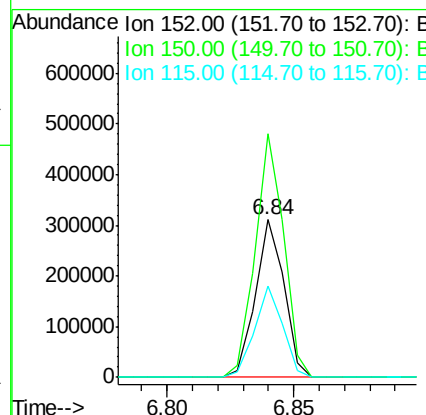
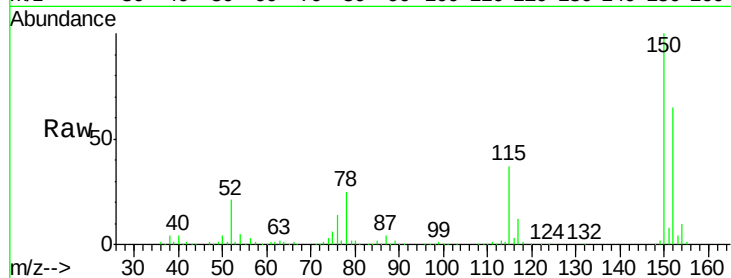
ClientSampleId :

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Tgt Ion:	152	Resp:	243581
Ion Ratio	Lower	Upper	
152	100		
150	154.6	126.5	189.7
115	57.9	47.6	71.4

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#5

2-Fluorophenol

Concen: 93.94 ng

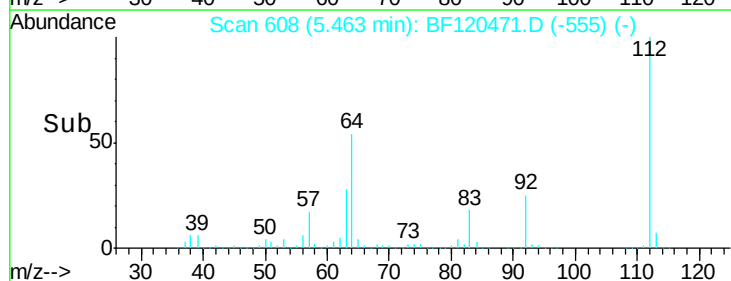
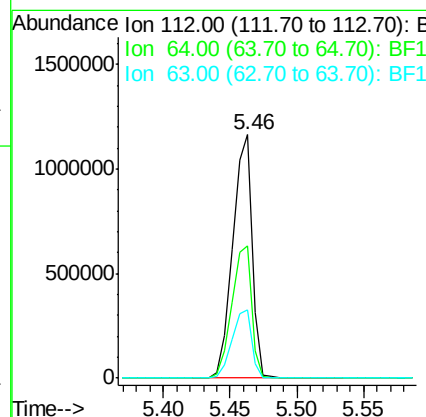
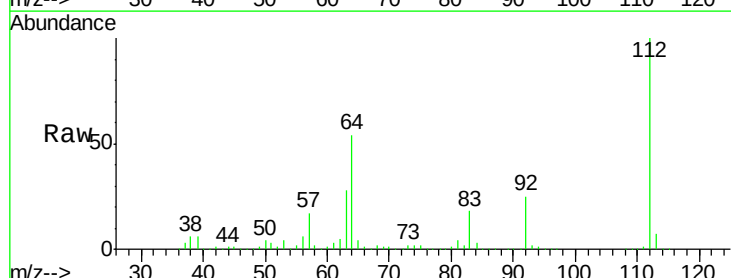
RT: 5.46 min Scan# 608

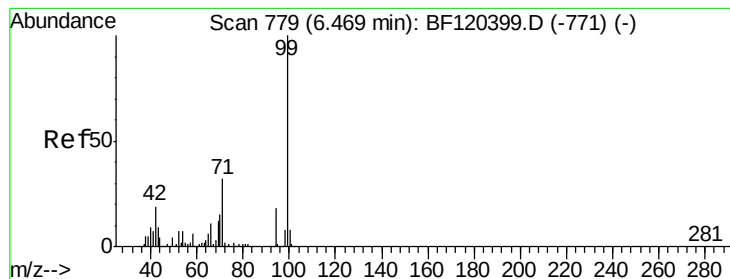
Delta R.T. 0.01 min

Lab File: BF120471.D

Acq: 1 Jun 2020 15:18

Tgt Ion:	112	Resp:	1200640
Ion Ratio	Lower	Upper	
112	100		
64	54.3	44.3	66.5
63	28.2	22.9	34.3





#7

Phenol-d6

Concen: 93.19 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF120471.D

Acq: 1 Jun 2020 15:18

Instrument :

BNA_F

ClientSampleId :

NM60-COMP-2020-0-6

Tgt Ion: 99 Resp: 1468085

Ion Ratio Lower Upper

99 100

42 18.3 15.2 22.8

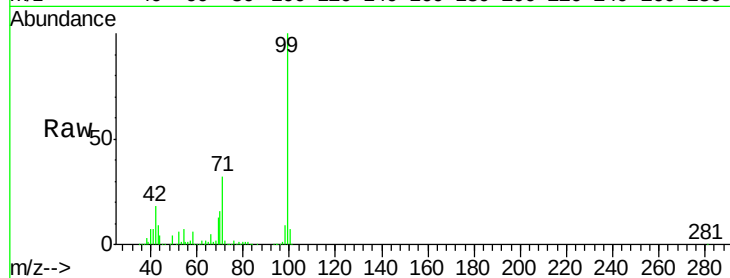
71 32.3 25.6 38.4

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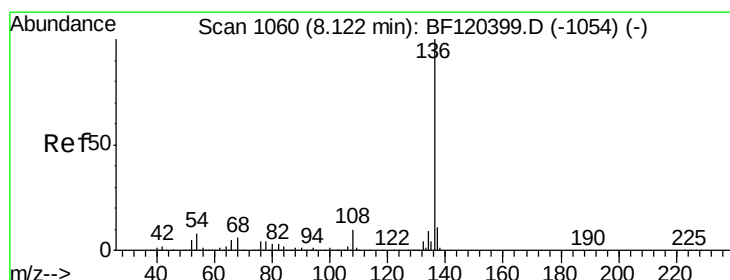
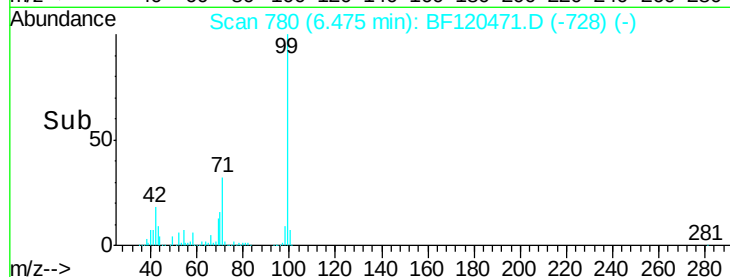
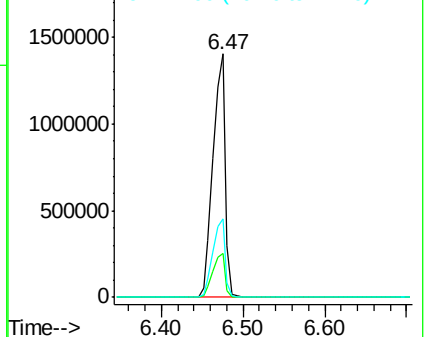
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF120471.D

Acq: 1 Jun 2020 15:18

Tgt Ion: 136 Resp: 872130

Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.7 6.7 10.1

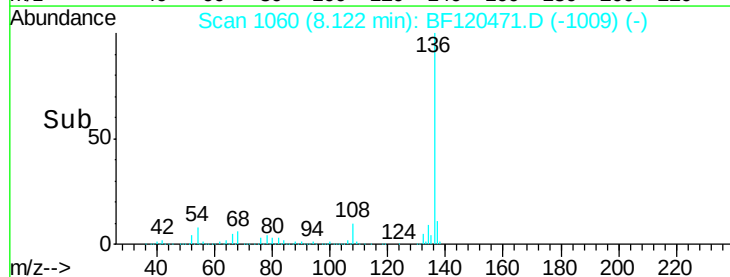
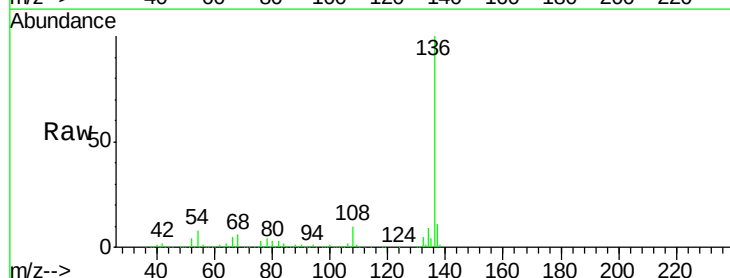
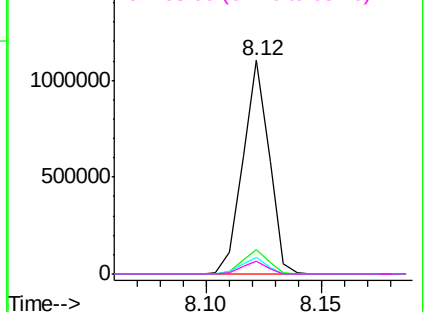
68 6.2 5.0 7.4

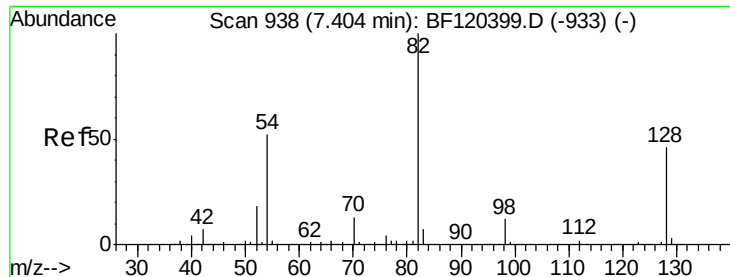
Abundance Ion 136.00 (135.70 to 136.70): E

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





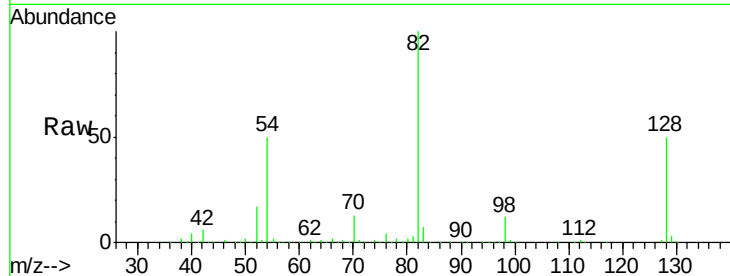
#23
 Nitrobenzene-d5
 Concen: 71.86 ng
 RT: 7.40 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
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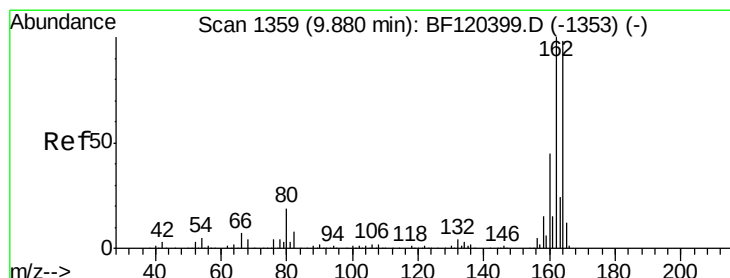
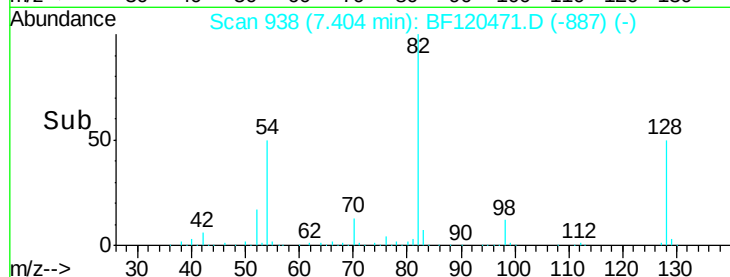
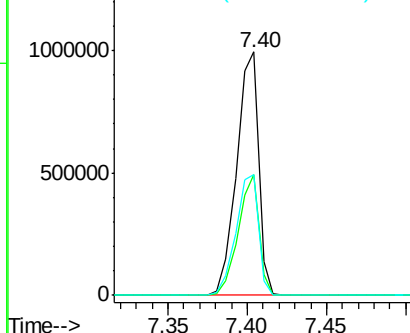
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	958094		
128	49.5	36.8	55.2	
54	49.5	41.6	62.4	

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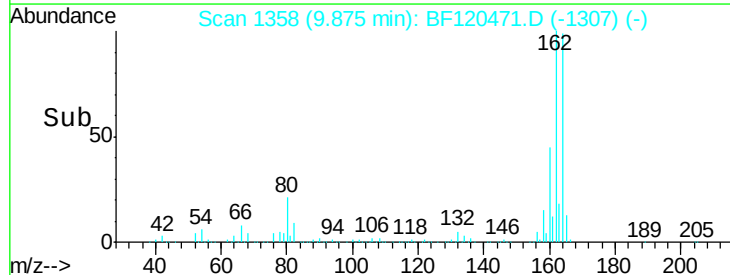
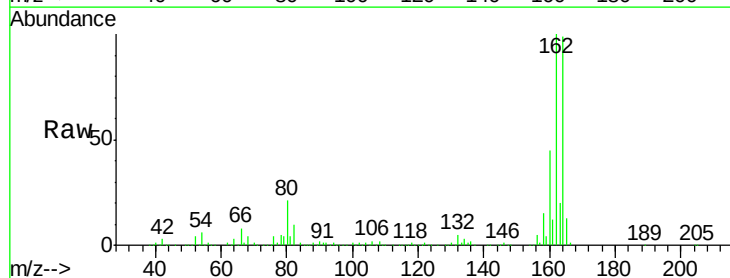
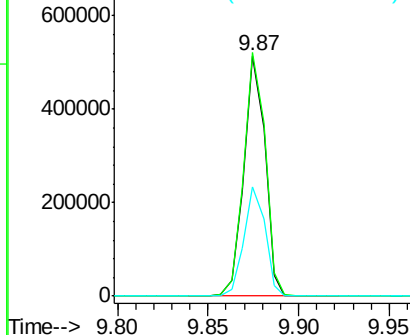
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

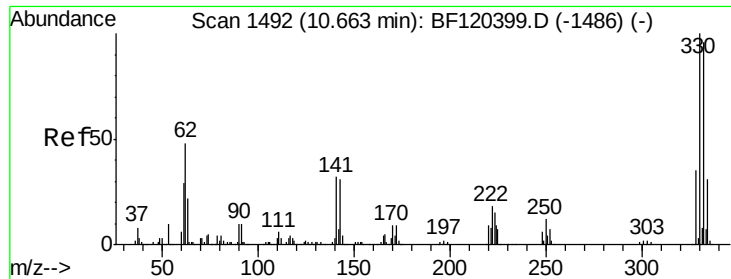


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	416835		
162	101.4	81.3	121.9	
160	45.5	36.9	55.3	

Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





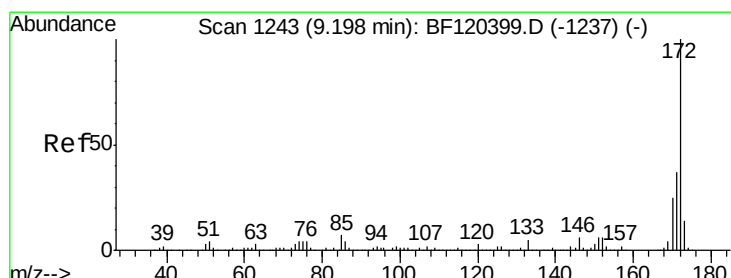
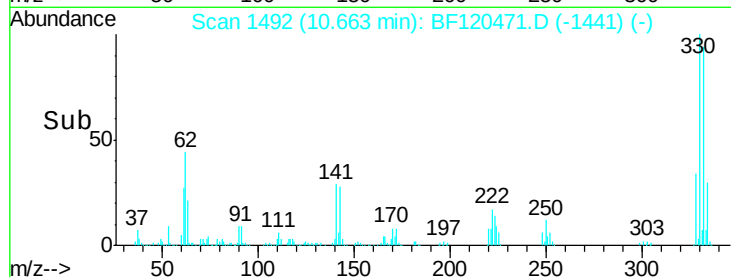
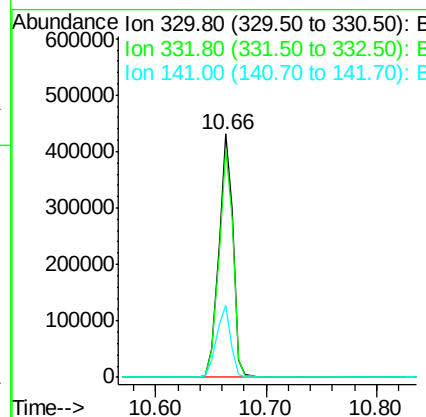
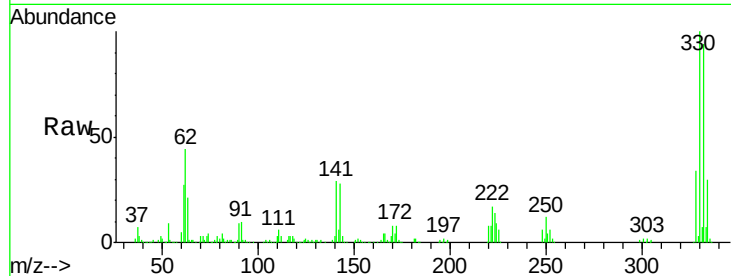
#42
 2,4,6-Tribromophenol
 Concen: 97.67 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	377235		
332	94.1	77.0	115.6	
141	29.5	25.3	37.9	

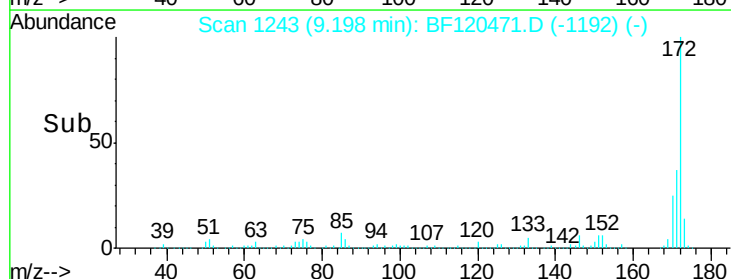
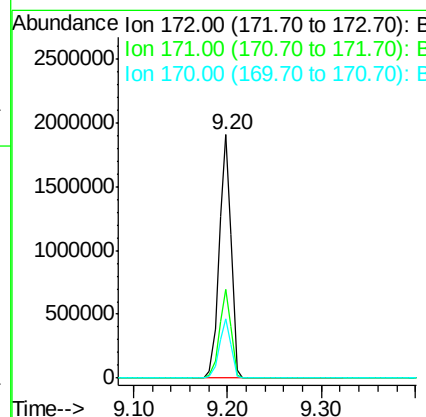
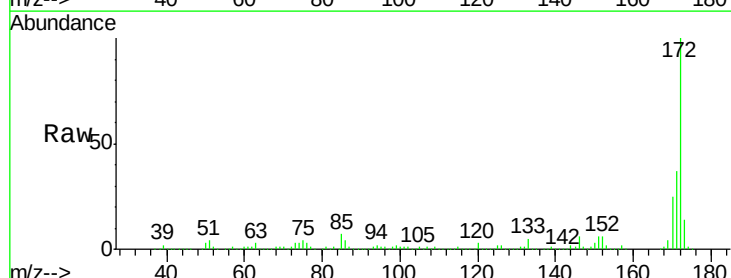
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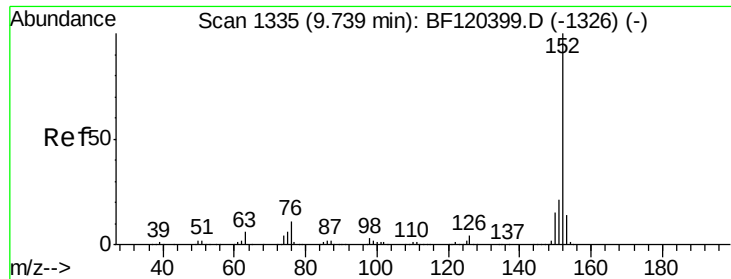
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#45
 2-Fluorobiphenyl
 Concen: 69.26 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1701435		
171	36.7	29.7	44.5	
170	24.6	19.9	29.9	





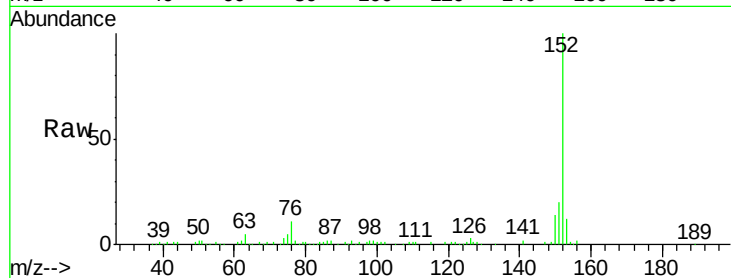
#49
 Acenaphthylene
 Concen: 2.51 ng
 RT: 9.73 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 NM60-COMP-2020-0-6

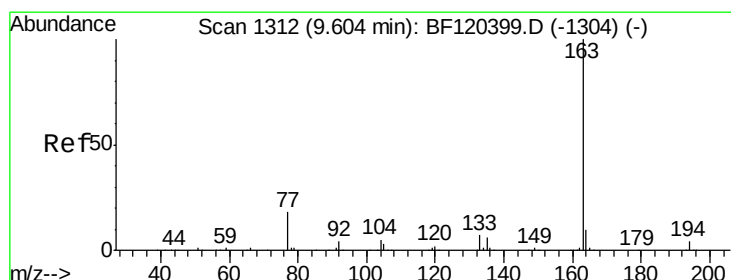
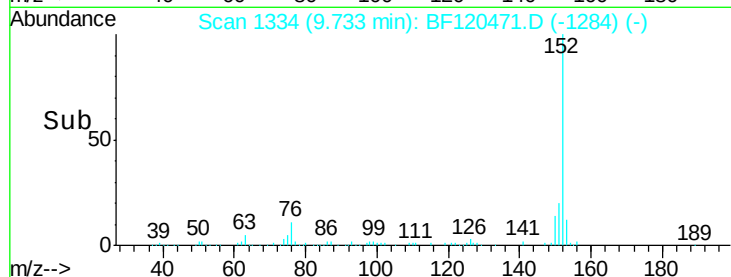
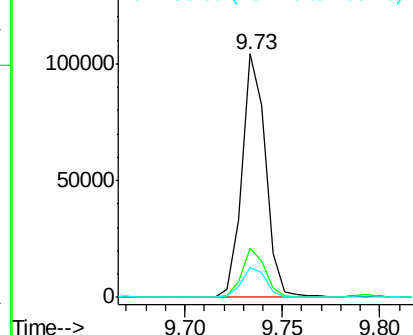
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	12.4	11.2	16.8

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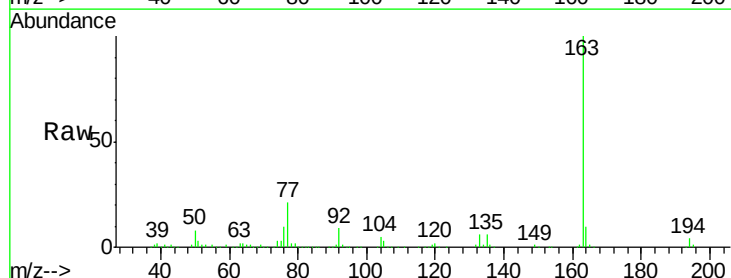


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

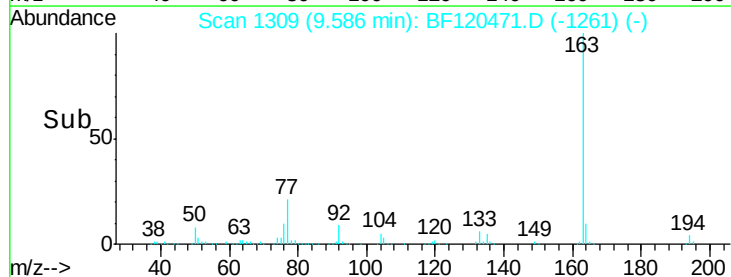
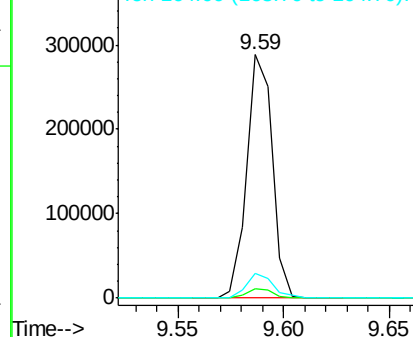


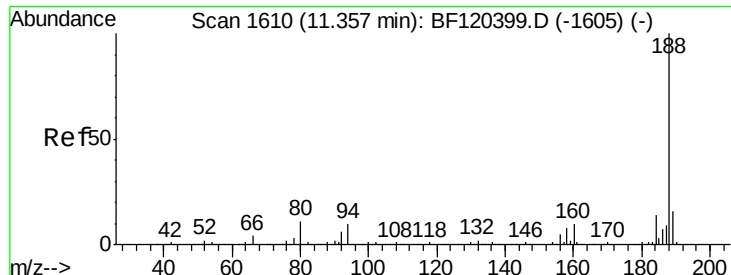
#50
 Dimethylphthalate
 Concen: 9.26 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.4	8.3	12.5



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: BF120471.D

Acq: 1 Jun 2020 15:18

Instrument :

BNA_F

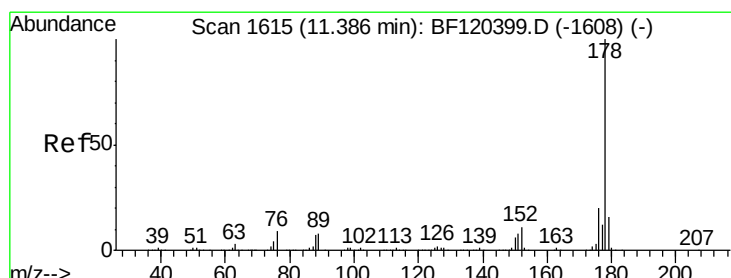
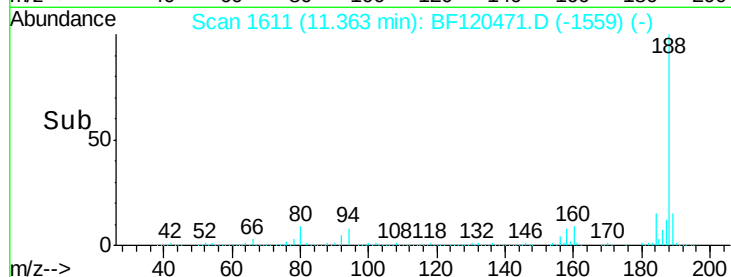
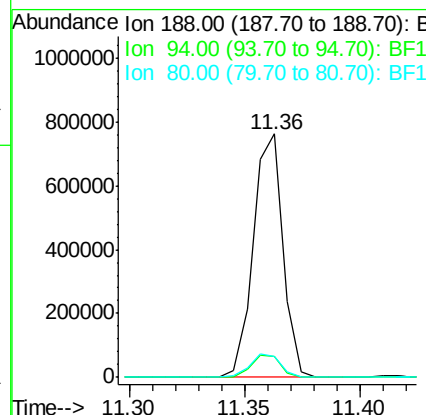
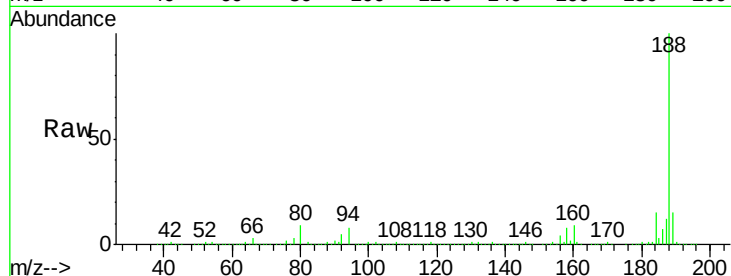
ClientSampleId :

NM60-COMP-2020-0-6

Tgt Ion:	188	Resp:	684499
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.9	11.9
80	8.5	8.6	13.0#

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#71

Phenanthrene

Concen: 15.31 ng

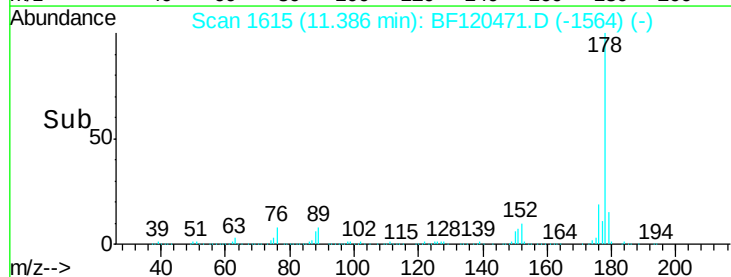
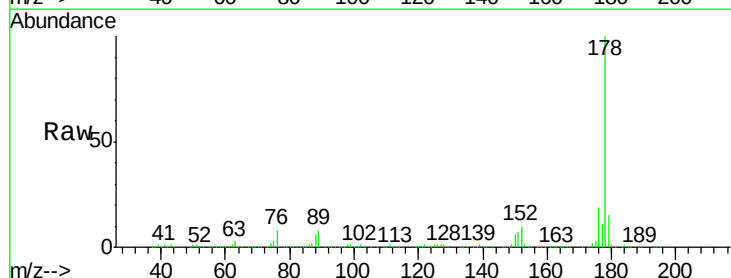
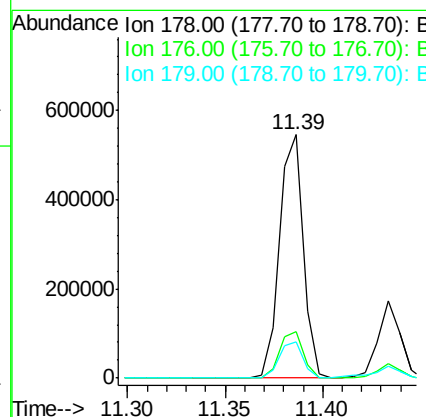
RT: 11.39 min Scan# 1615

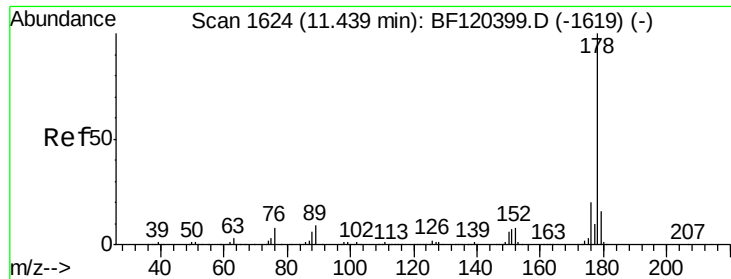
Delta R.T. 0.00 min

Lab File: BF120471.D

Acq: 1 Jun 2020 15:18

Tgt Ion:	178	Resp:	461659
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.4	24.6
179	15.1	13.0	19.4





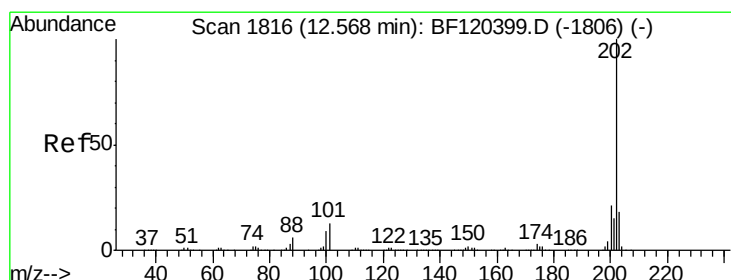
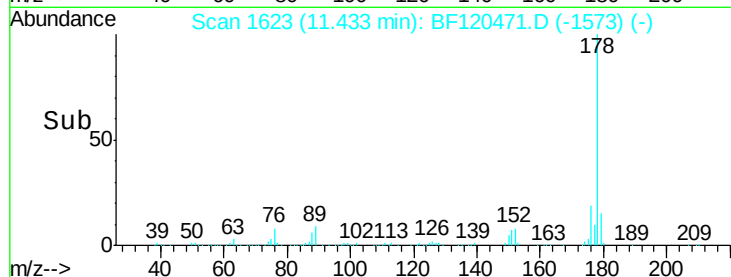
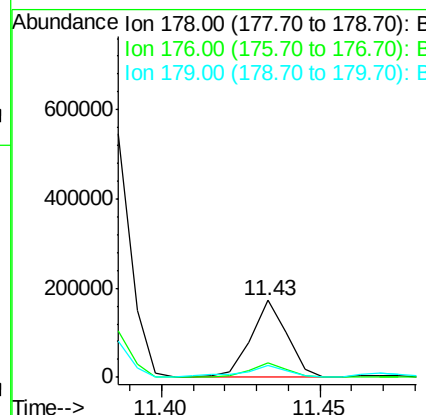
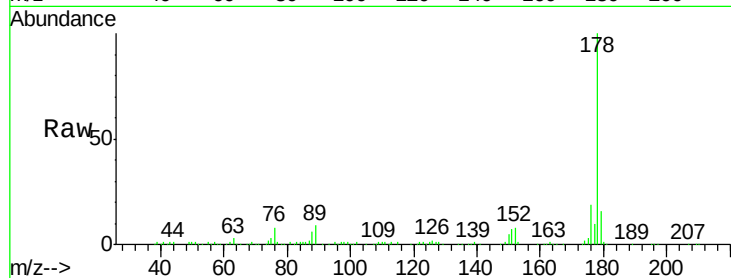
#72
 Anthracene
 Concen: 4.39 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.6	12.8	19.2

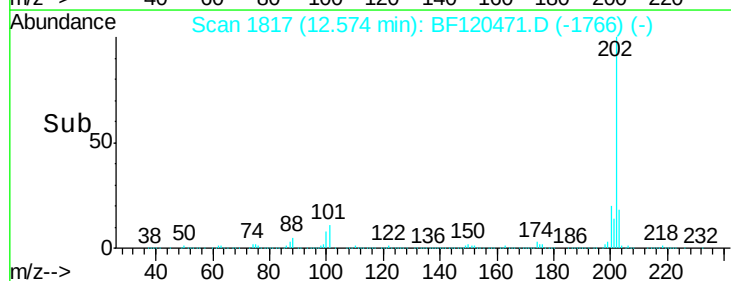
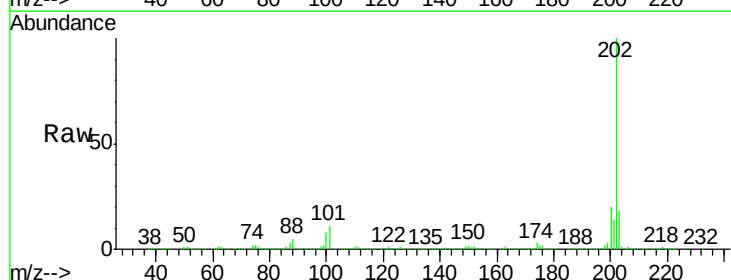
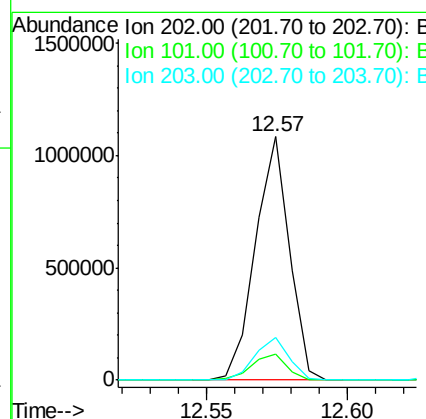
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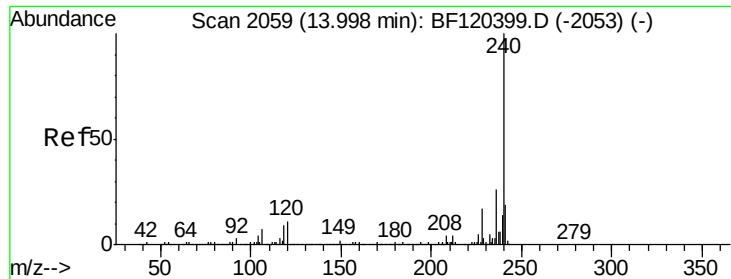
mohammad
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#75
 Fluoranthene
 Concen: 27.78 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.6
203	17.6	0.0	38.4





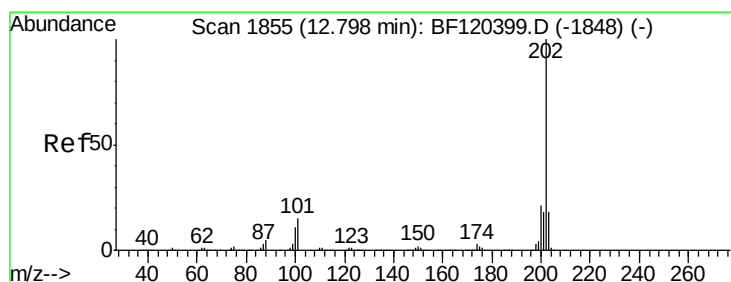
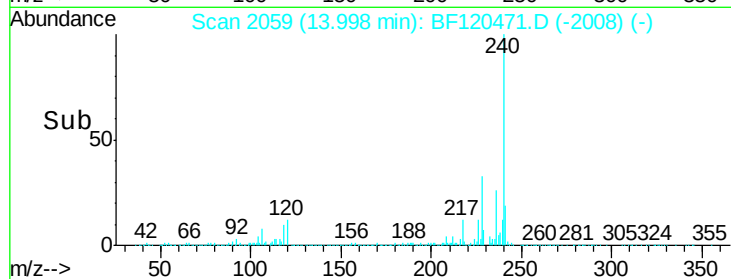
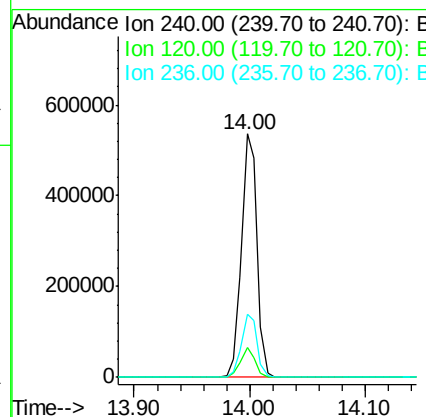
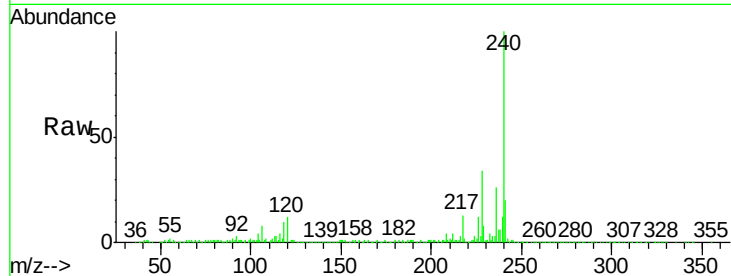
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BF120471.D
Acq: 1 Jun 2020 15:18

Instrument :
BNA_F
ClientSampleId :
NM60-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	497617		
120	12.4	8.8	13.2	
236	26.0	21.0	31.4	

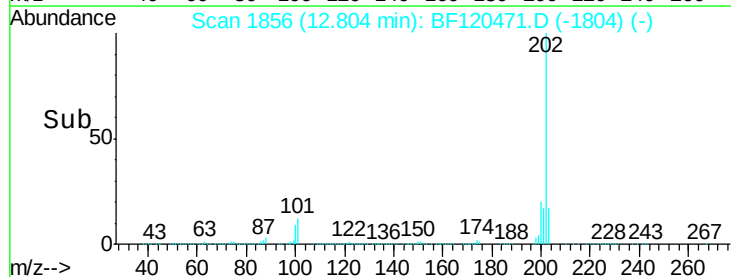
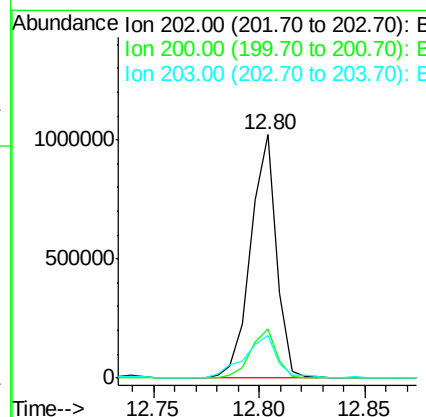
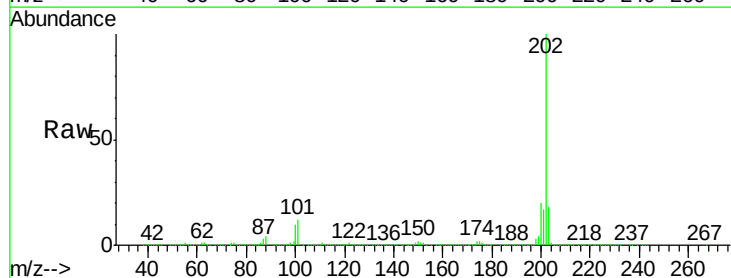
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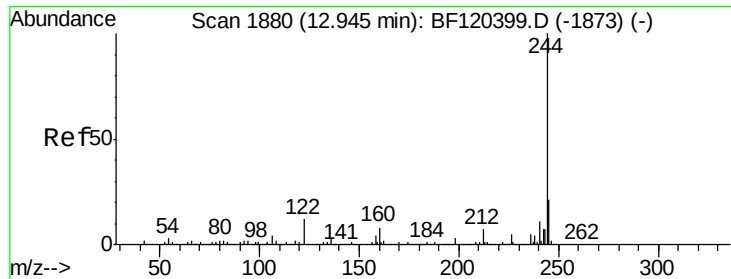
mohammad
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#78
Pyrene
Concen: 25.05 ng
RT: 12.80 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF120471.D
Acq: 1 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	866982		
200	20.1	17.0	25.4	
203	17.5	14.7	22.1	





#79

Terphenyl-d14

Concen: 67.54 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120471.D

Acq: 1 Jun 2020 15:18

Instrument :

BNA_F

ClientSampleId :

NM60-COMP-2020-0-6

Tgt Ion:244 Resp: 1510291

Ion Ratio Lower Upper

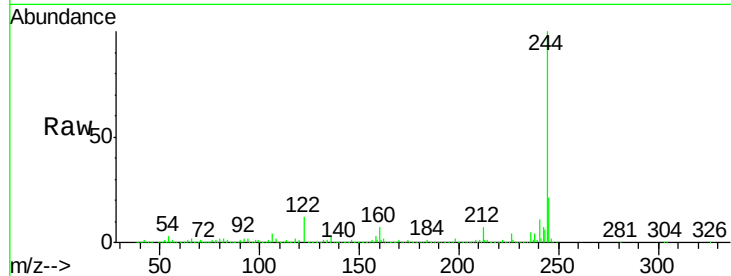
244 100

212 6.9 5.9 8.9

122 11.6 9.2 13.8

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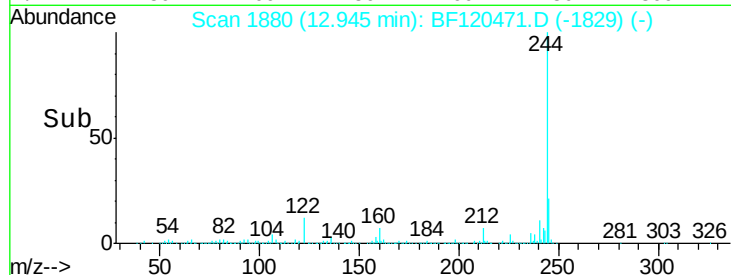


Abundance Ion 244.00 (243.70 to 244.70): E

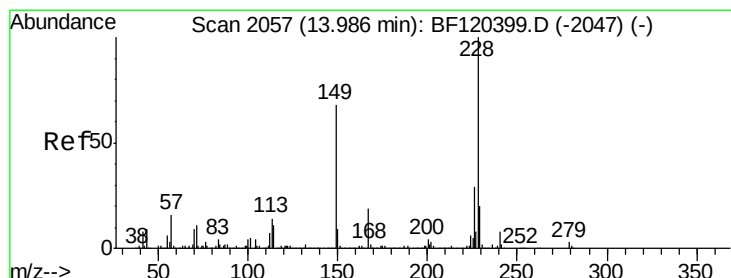
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#81

Benzo(a)anthracene

Concen: 17.98 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF120471.D

Acq: 1 Jun 2020 15:18

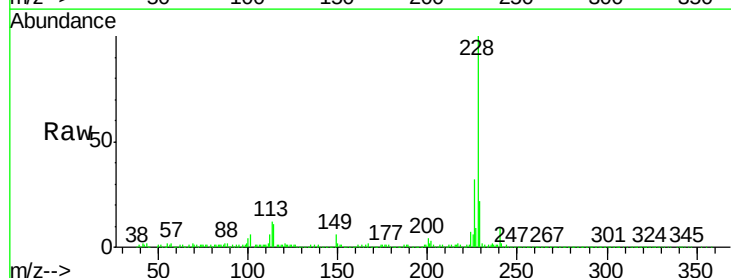
Tgt Ion:228 Resp: 479473

Ion Ratio Lower Upper

228 100

226 32.1 23.0 34.4

229 21.6 16.2 24.4

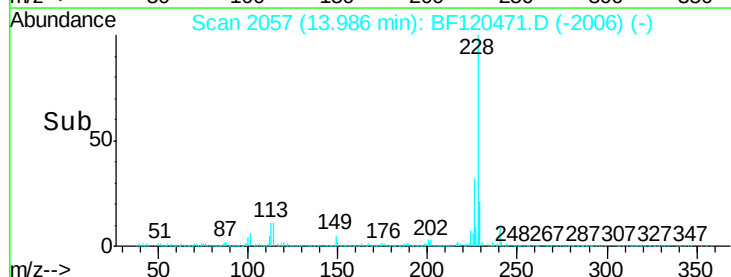


Abundance Ion 228.00 (227.70 to 228.70): E

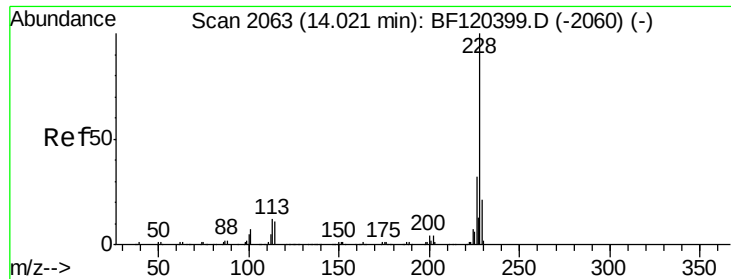
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



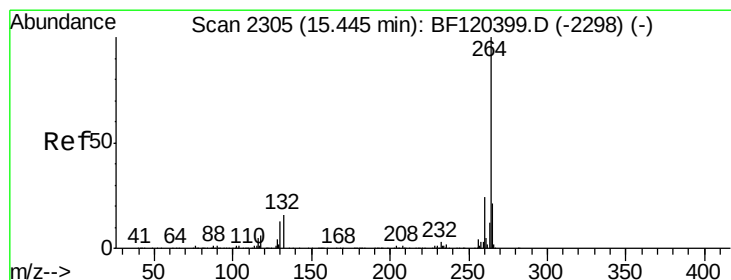
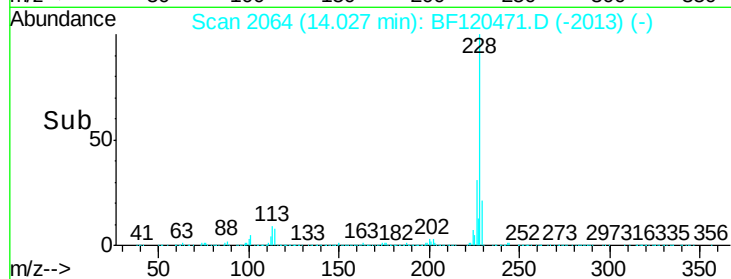
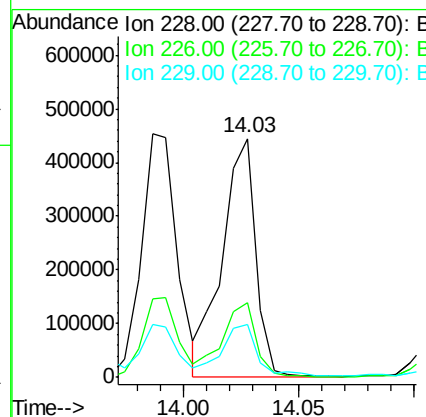
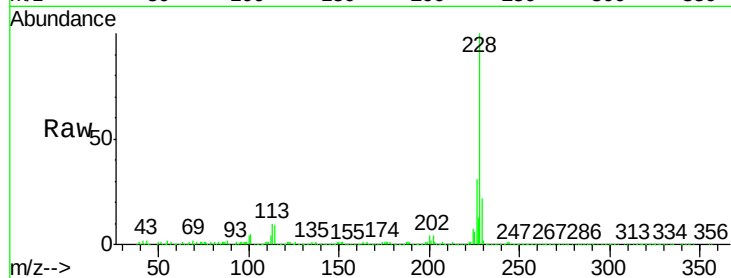
#83
Chrysene
Concen: 15.88 ng
RT: 14.03 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BF120471.D
Acq: 1 Jun 2020 15:18

Instrument :
BNA_F
ClientSampleId :
NM60-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.6	38.4
229	21.9	16.6	25.0

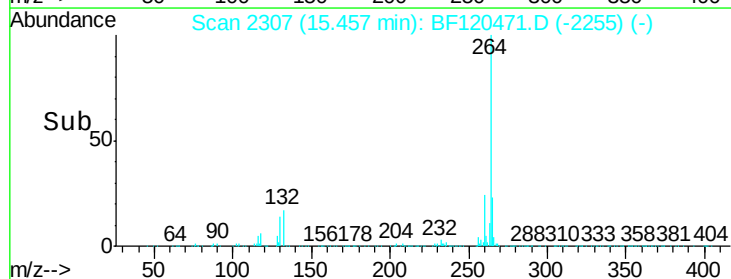
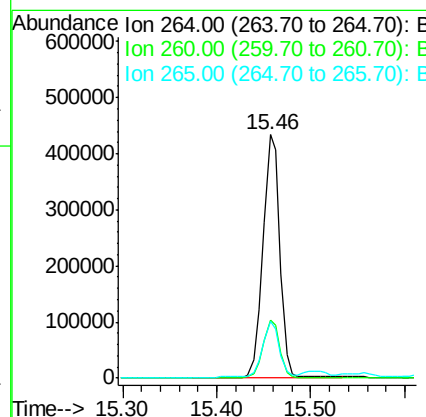
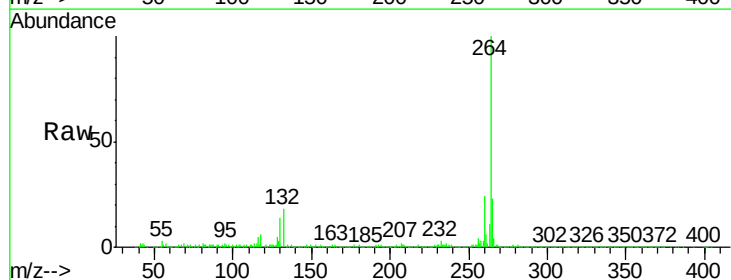
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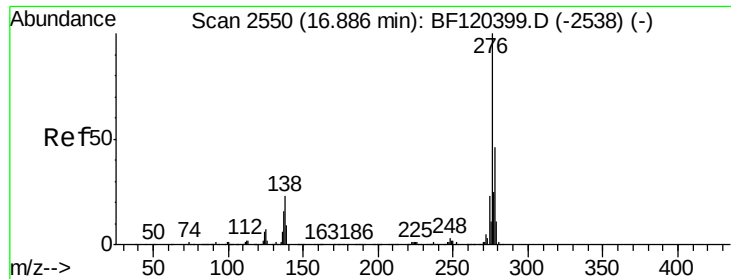
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF120471.D
Acq: 1 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.1	16.9	25.3





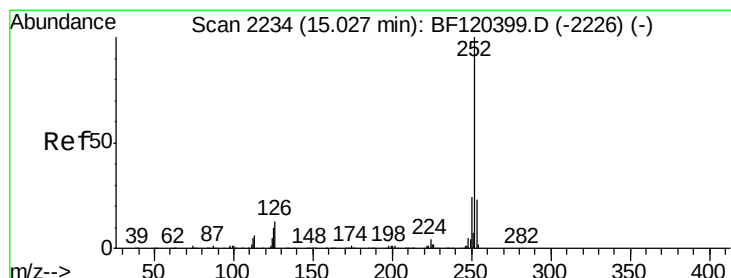
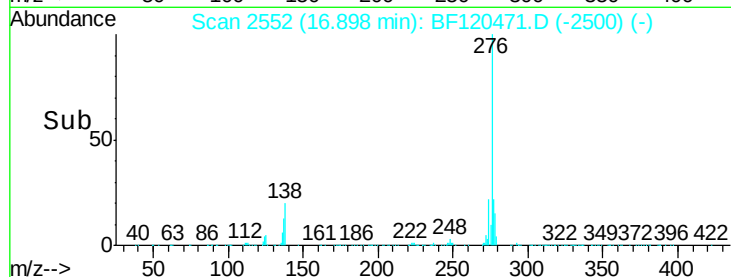
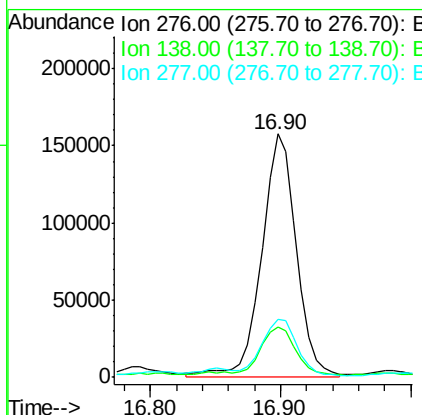
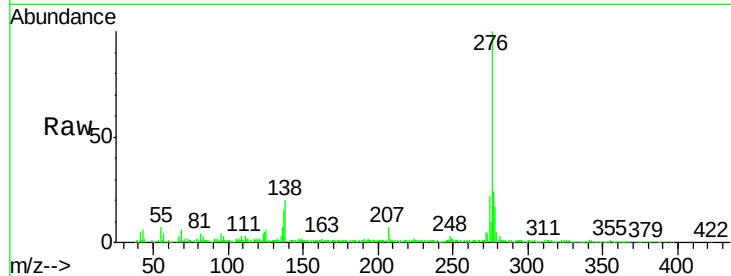
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.85 ng m
 RT: 16.90 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 NM60-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.4	20.4	30.6#
277	4.9	20.4	30.6#

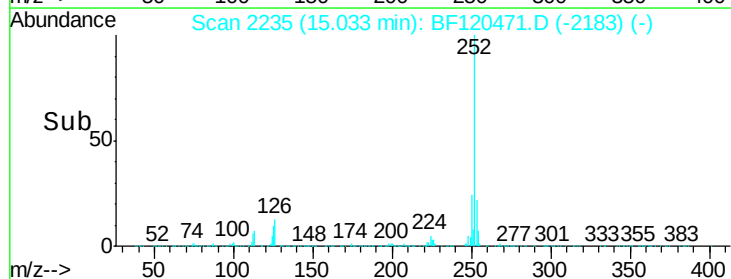
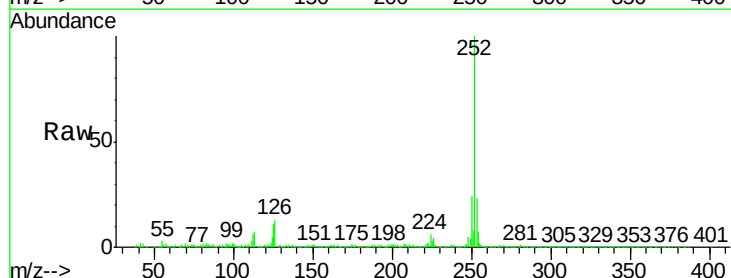
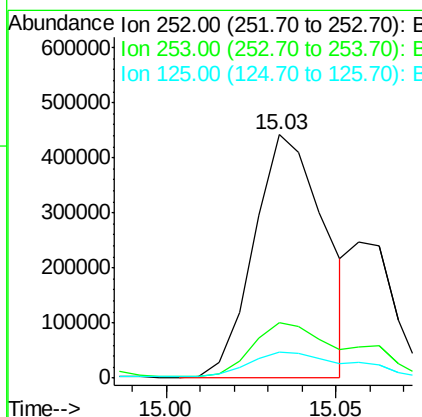
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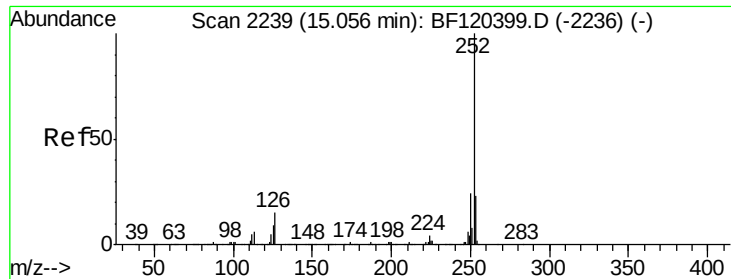
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 21.33 ng m
 RT: 15.03 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BF120471.D
 Acq: 1 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.9	7.8	11.8





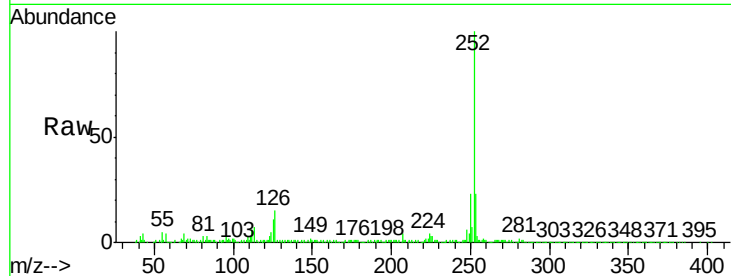
#89
Benzo(k)fluoranthene
Concen: 7.88 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120471.D
Acq: 1 Jun 2020 15:18

Instrument :
BNA_F
ClientSampleId :
NM60-COMP-2020-0-6

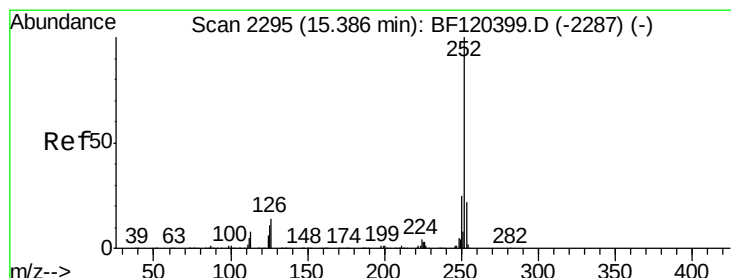
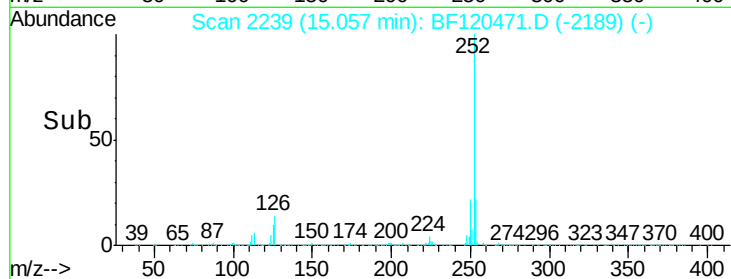
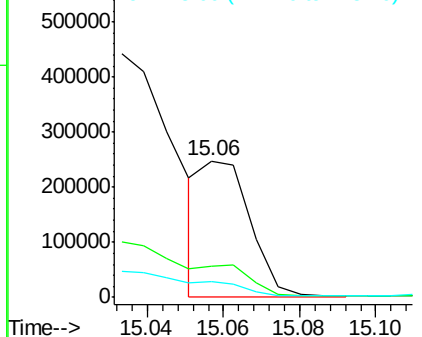
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.2	8.0	12.0

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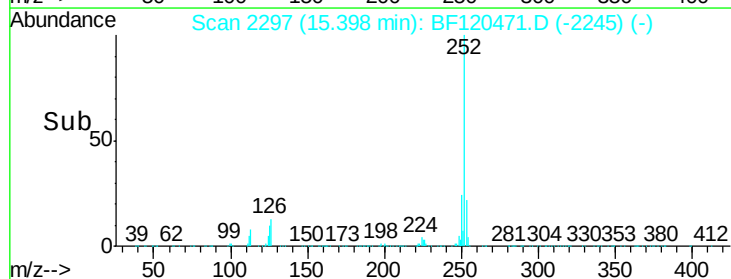
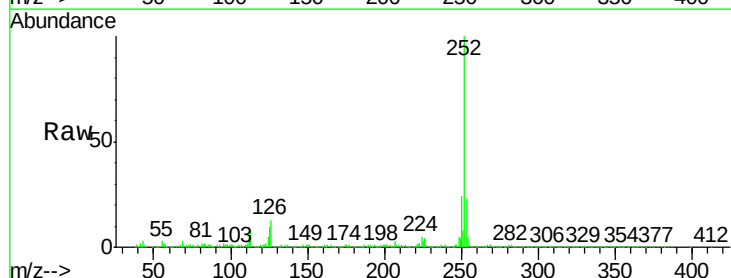
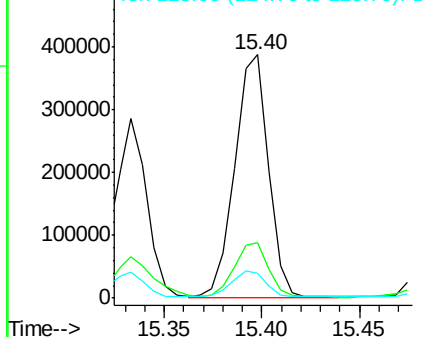
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

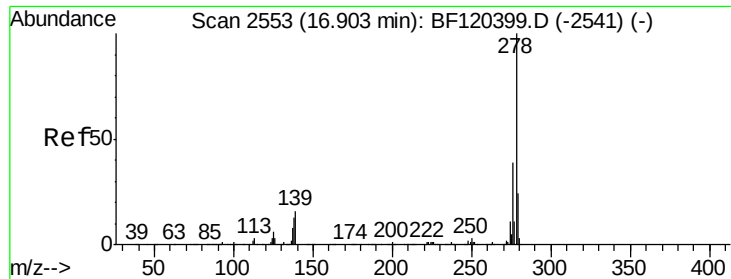


#90
Benzo(a)pyrene
Concen: 17.54 ng
RT: 15.40 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF120471.D
Acq: 1 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	10.4	8.7	13.1

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





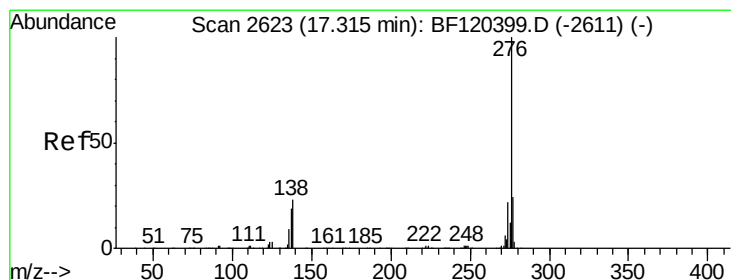
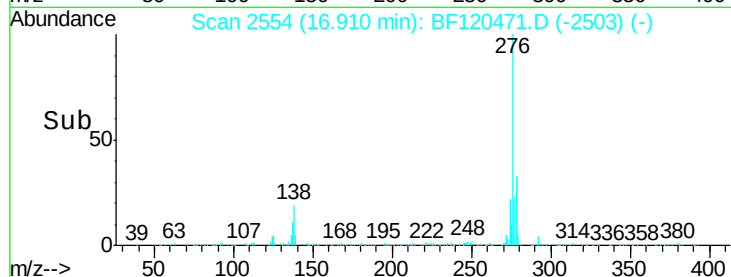
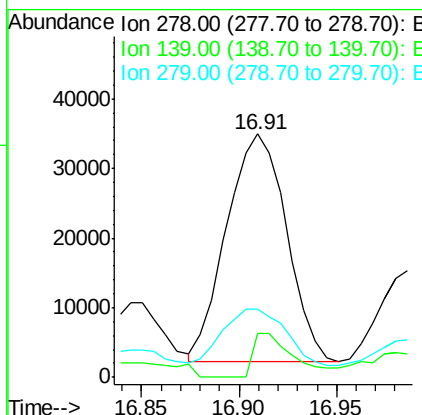
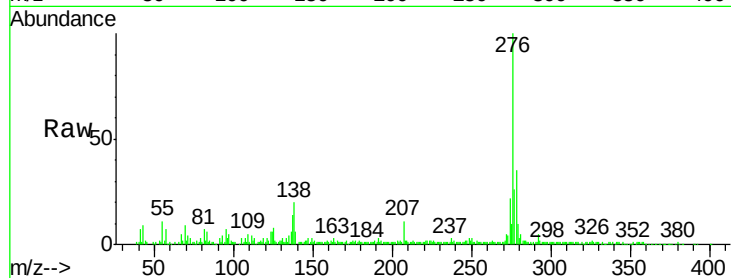
#91
Dibenzo(a,h)anthracene
Concen: 2.89 ng
RT: 16.91 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BF120471.D
Acq: 1 Jun 2020 15:18

Instrument :
BNA_F
ClientSampleId :
NM60-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	12.8	19.2
279	28.3	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 10.96 ng
RT: 17.34 min Scan# 2627
Delta R.T. 0.01 min
Lab File: BF120471.D
Acq: 1 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	21.9	18.1	27.1

