

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120473.D
 Acq On : 1 Jun 2020 16:12
 Operator : JU/CG
 Sample : L2746-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM82-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 01 16:56:19 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	248435	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	896645	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	431751	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	723726	20.00	ng	0.00
76) Chrysene-d12	14.00	240	521235	20.00	ng	0.00
86) Perylene-d12	15.46	264	524575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1019867	78.23	ng	0.00
7) Phenol-d6	6.47	99	1290405	80.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	810823	59.15	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	329830	82.45	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1504088	59.11	ng	0.00
79) Terphenyl-d14	12.94	244	1355390	57.86	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	250502	9.28	ng	100
71) Phenanthrene	11.39	178	437957	13.73	ng	97
72) Anthracene	11.43	178	99040	3.10	ng	98
75) Fluoranthene	12.57	202	729721	21.27	ng	97
78) Pyrene	12.80	202	675948	18.65	ng	99
81) Benzo(a)anthracene	13.99	228	349532	12.51	ng	98
83) Chrysene	14.03	228	329203	11.24	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	176872	6.16	ng	94
88) Benzo(b)fluoranthene	15.03	252	433633m	14.88	ng	
89) Benzo(k)fluoranthene	15.06	252	135826m	4.99	ng	
90) Benzo(a)pyrene	15.39	252	304262	11.94	ng	98
92) Benzo(g,h,i)perylene	17.34	276	164315	7.12	ng	97

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

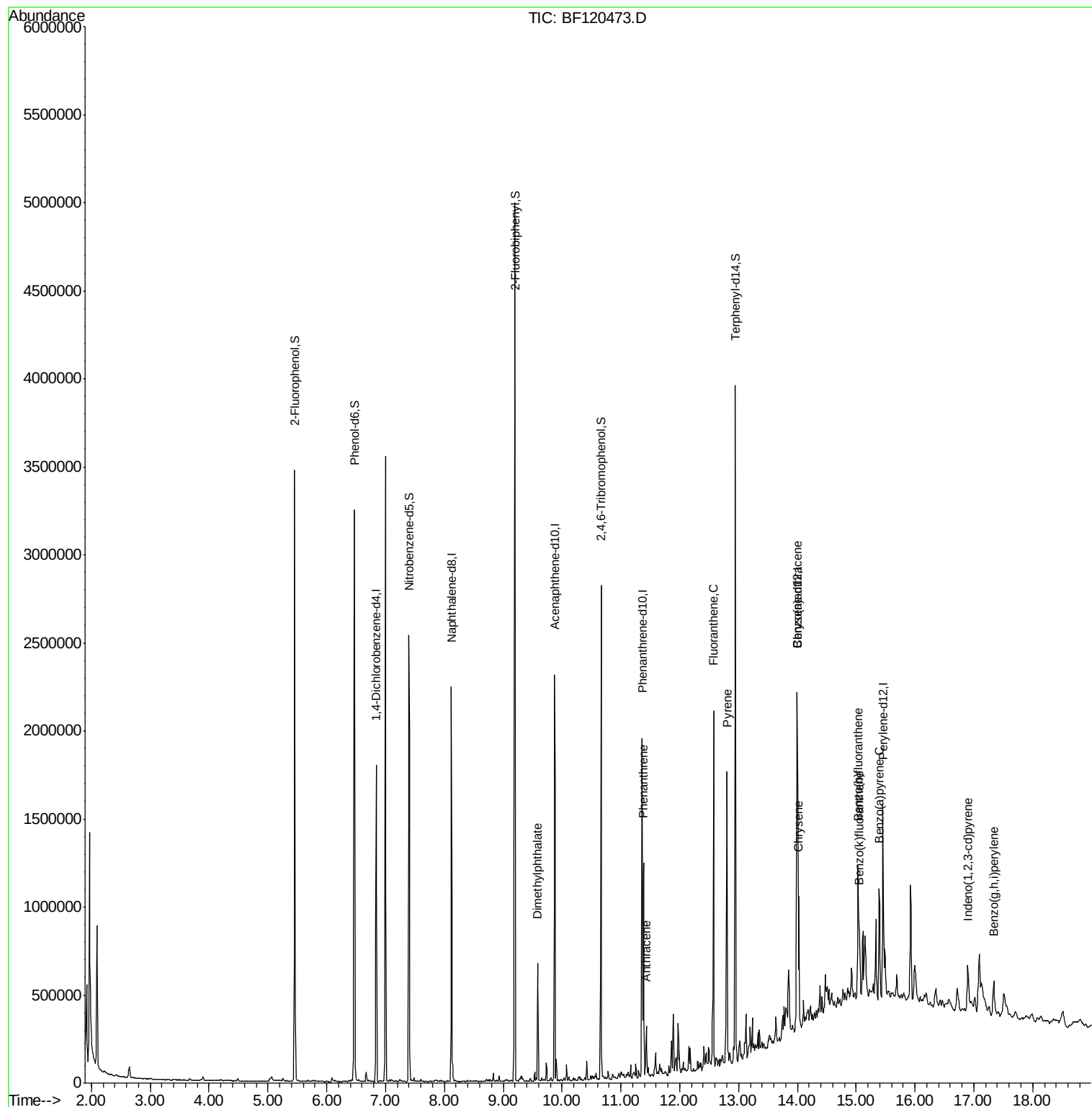
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
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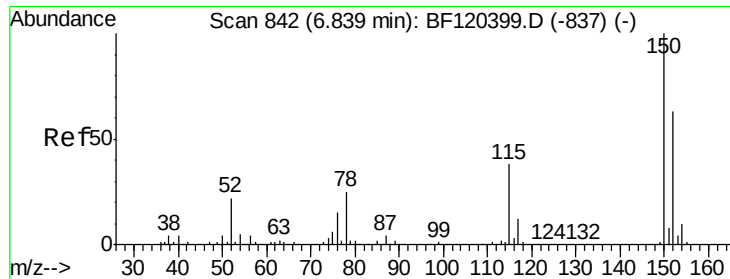
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120473.D

Acq: 1 Jun 2020 16:12

Instrument :

BNA_F

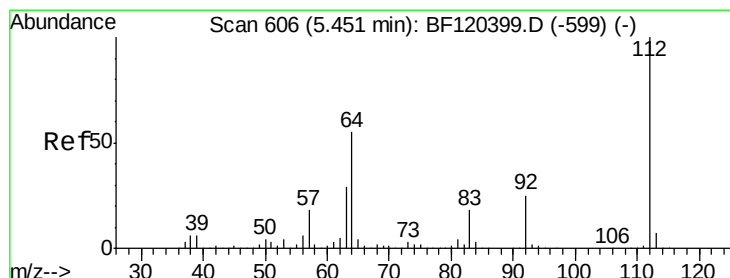
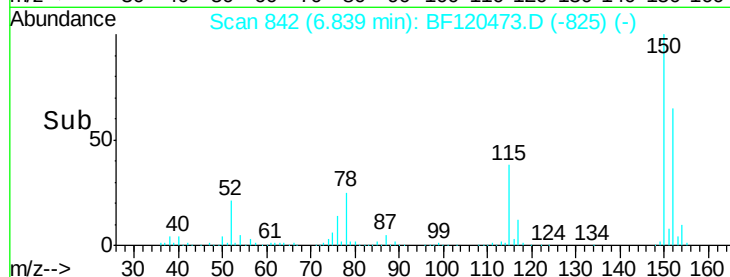
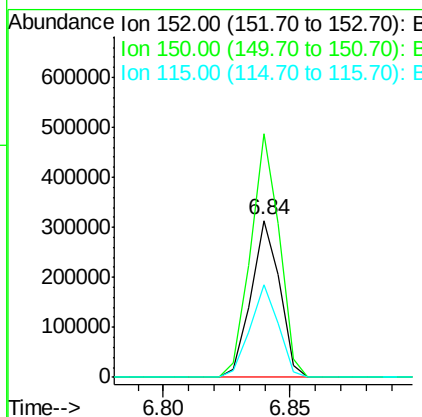
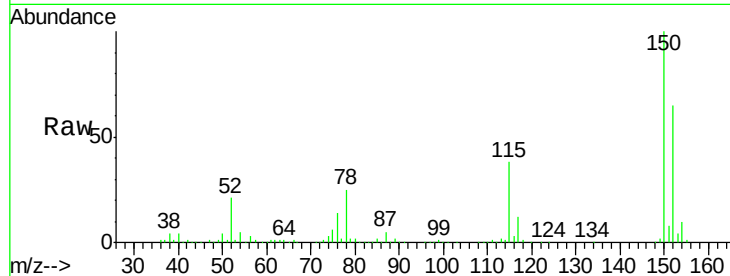
ClientSampleId :

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Tgt Ion:	152	Resp:	248435
Ion Ratio	Lower	Upper	
152	100		
150	154.9	126.5	189.7
115	58.7	47.6	71.4

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#5

2-Fluorophenol

Concen: 78.23 ng

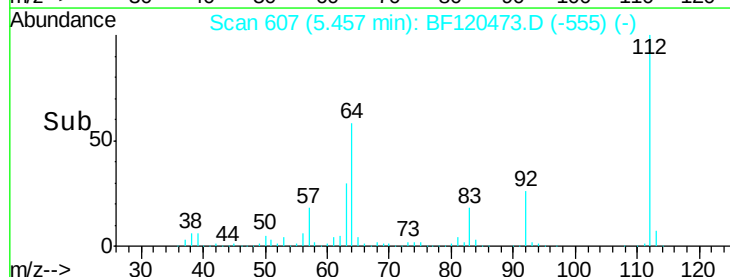
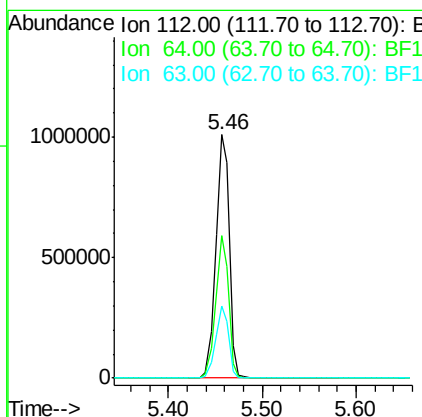
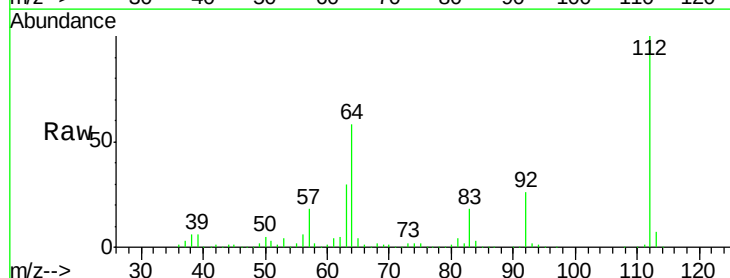
RT: 5.46 min Scan# 607

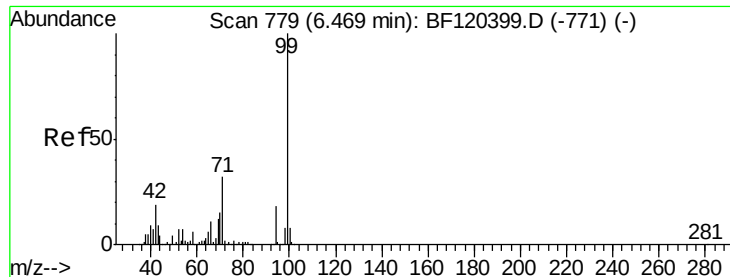
Delta R.T. 0.01 min

Lab File: BF120473.D

Acq: 1 Jun 2020 16:12

Tgt Ion:	112	Resp:	1019867
Ion Ratio	Lower	Upper	
112	100		
64	58.3	44.3	66.5
63	29.8	22.9	34.3





#7

Phenol-d6

Concen: 80.31 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF120473.D

Acq: 1 Jun 2020 16:12

Instrument :

BNA_F

ClientSampleId :

NM82-COMP-2020-0-6

Tgt Ion: 99 Resp: 1290405

Ion Ratio Lower Upper

99 100

42 17.5 15.2 22.8

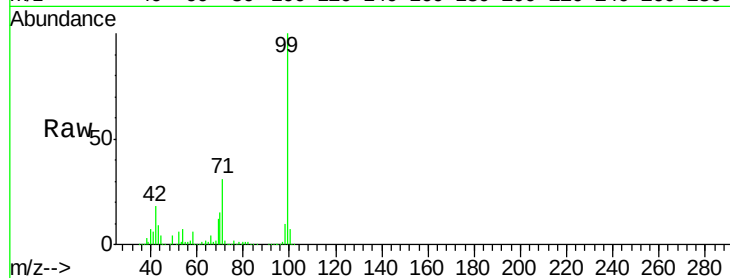
71 31.3 25.6 38.4

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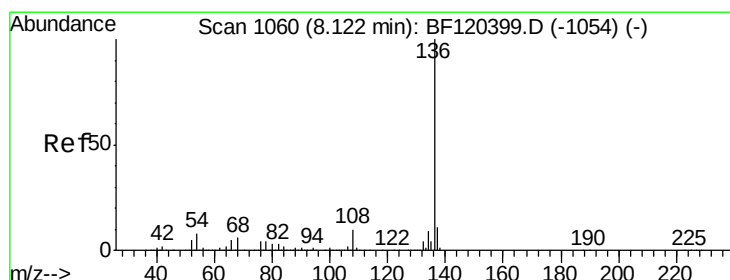
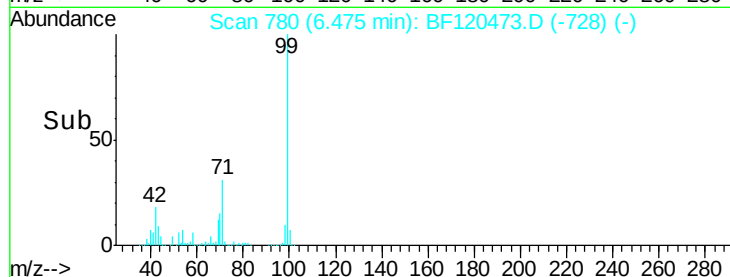
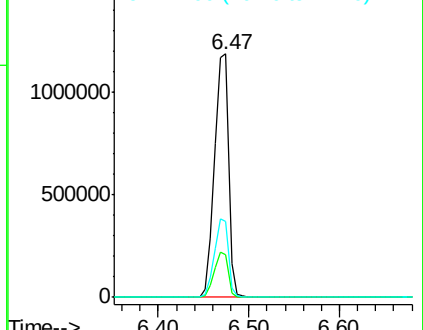
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF120473.D

Acq: 1 Jun 2020 16:12

Tgt Ion: 136 Resp: 896645

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.6 6.7 10.1

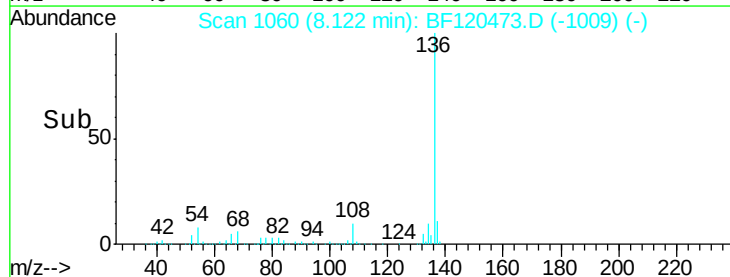
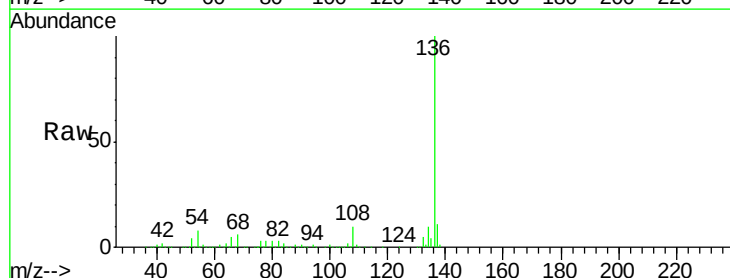
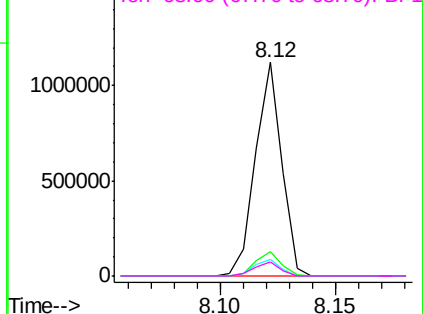
68 6.3 5.0 7.4

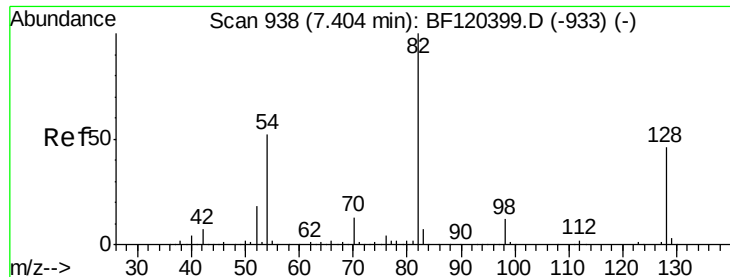
Abundance Ion 136.00 (135.70 to 136.70): E

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





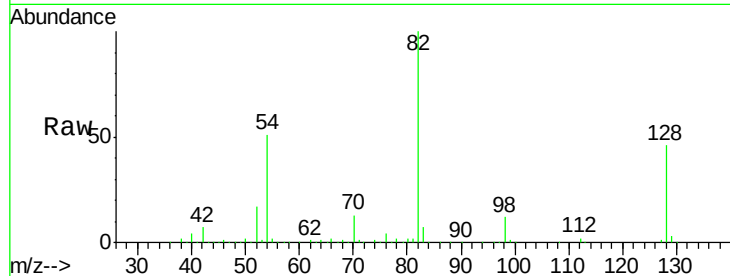
#23
Nitrobenzene-d5
Concen: 59.15 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Instrument :
BNA_F
ClientSampleId :
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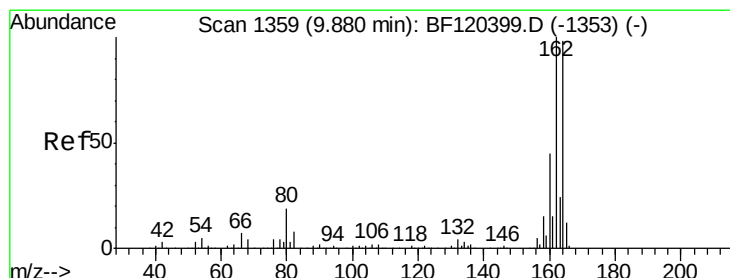
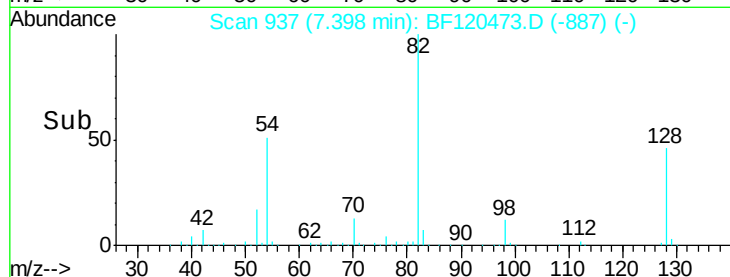
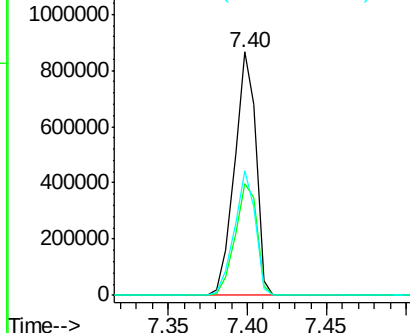
Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	36.8	55.2	
54	51.2	41.6	62.4	

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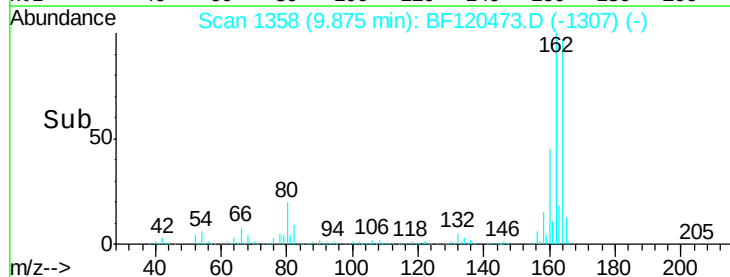
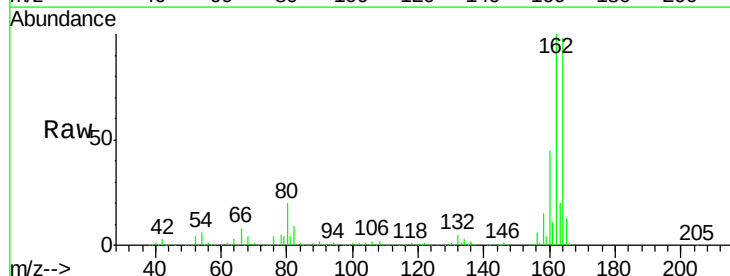
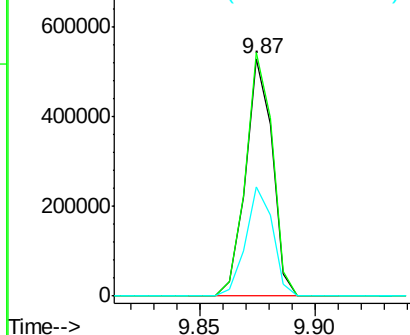
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

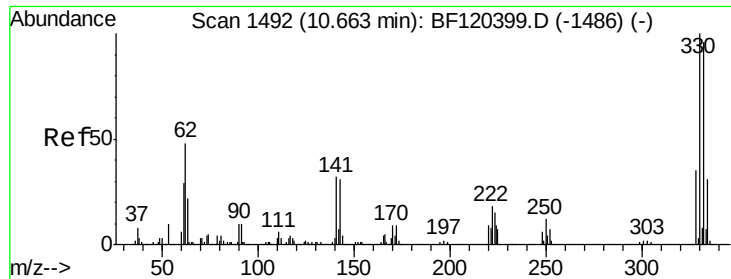


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	81.3	121.9	
160	46.0	36.9	55.3	

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





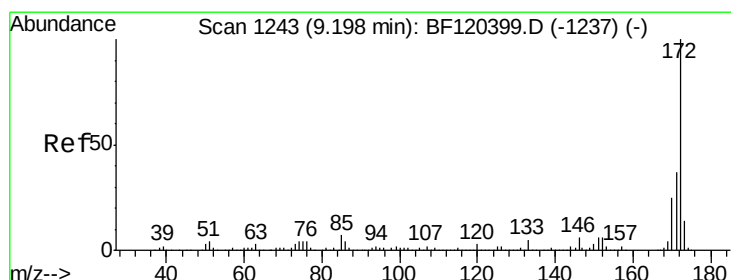
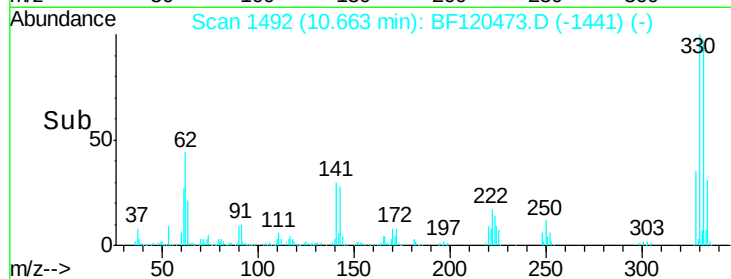
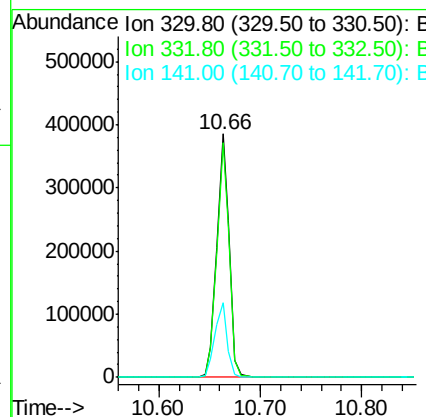
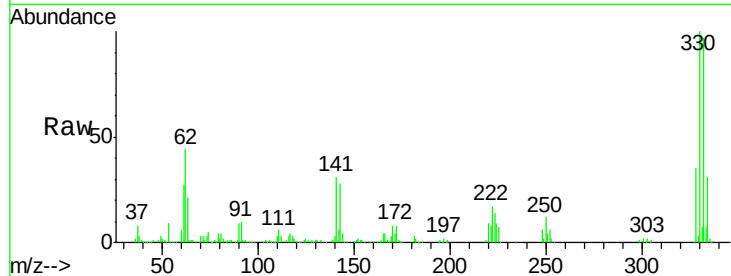
#42
 2,4,6-Tribromophenol
 Concen: 82.45 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120473.D
 Acq: 1 Jun 2020 16:12

Instrument :
 BNA_F
 ClientSampleId :
 NM82-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	329830		
332	96.3	77.0	115.6	
141	30.2	25.3	37.9	

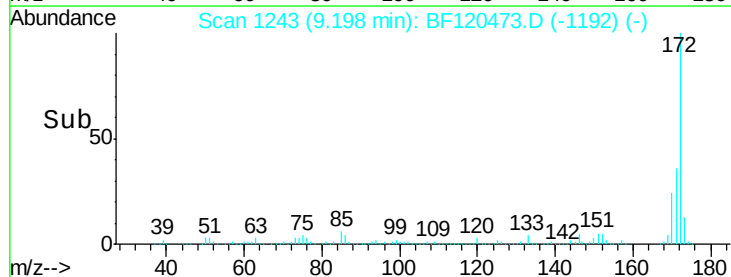
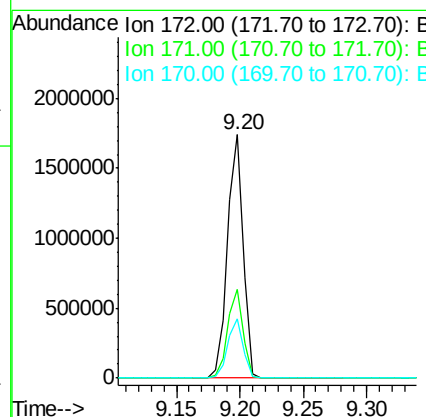
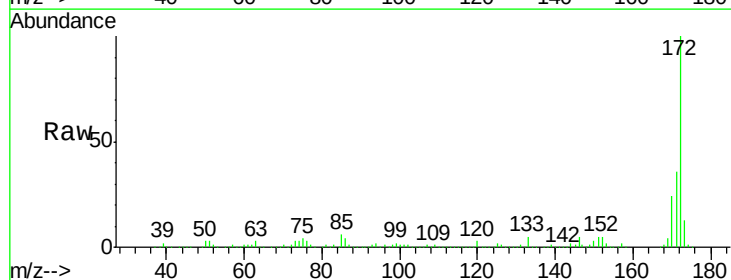
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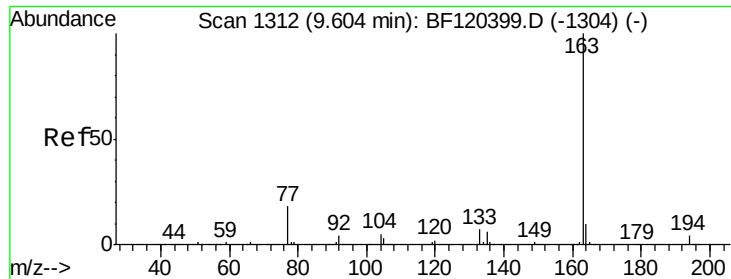
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#45
 2-Fluorobiphenyl
 Concen: 59.11 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120473.D
 Acq: 1 Jun 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1504088		
171	36.3	29.7	44.5	
170	24.4	19.9	29.9	





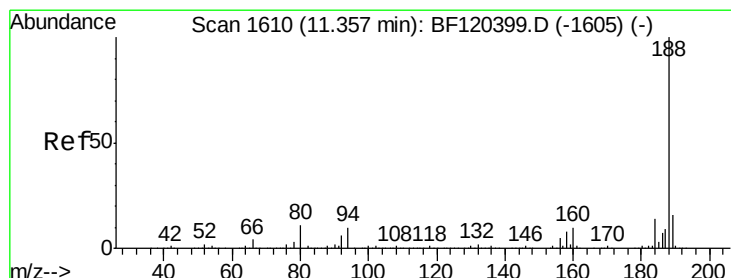
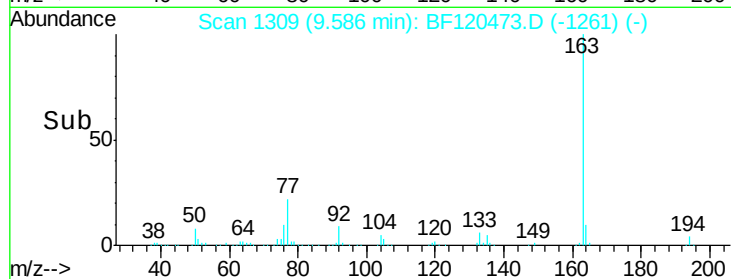
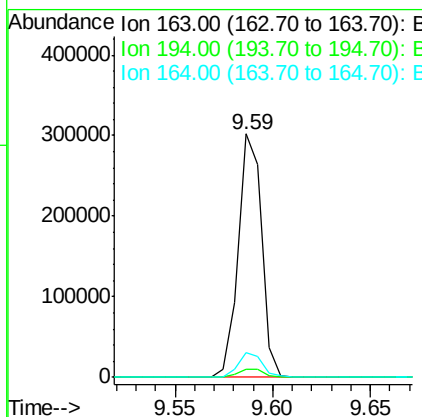
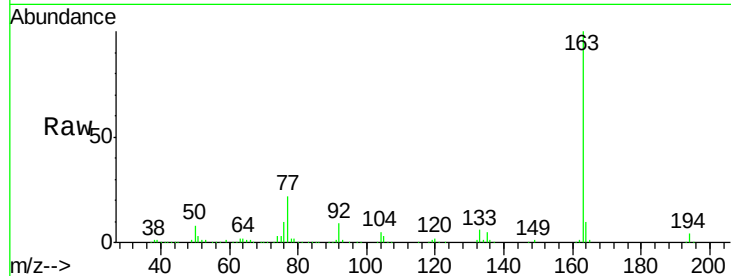
#50
Dimethylphthalate
Concen: 9.28 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	250502		
194	3.6		3.3	4.9
164	10.4		8.3	12.5

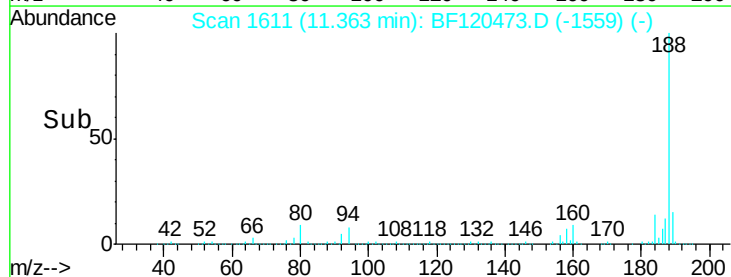
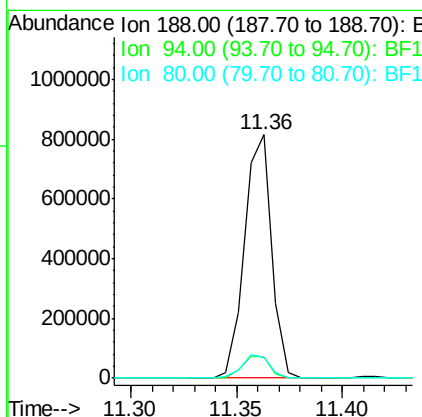
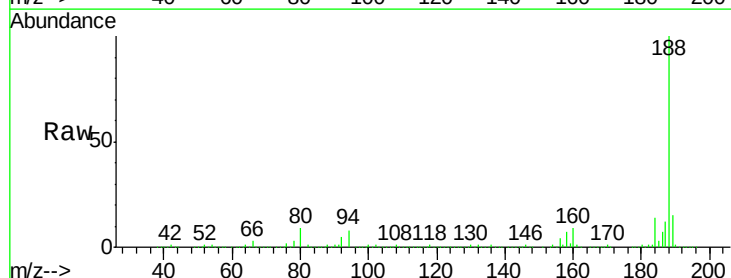
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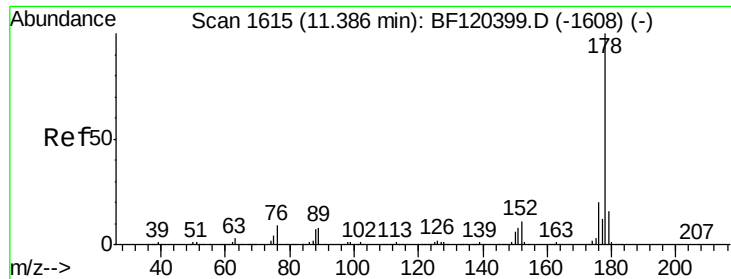
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	723726		
94	8.5		7.9	11.9
80	8.8		8.6	13.0





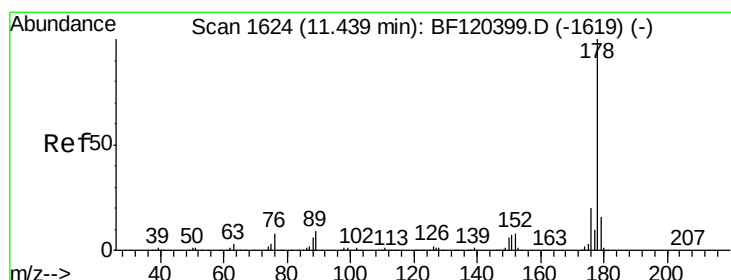
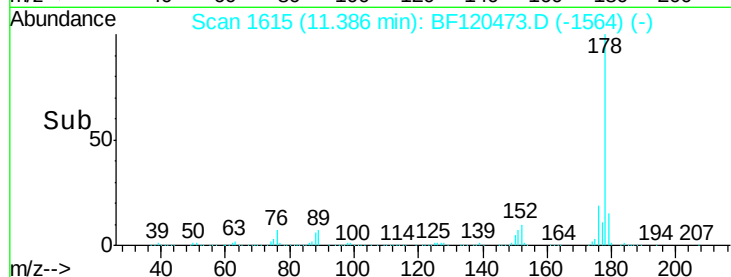
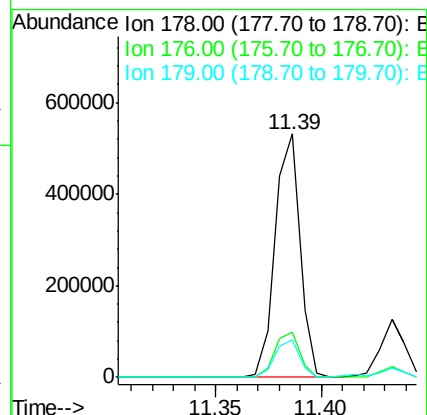
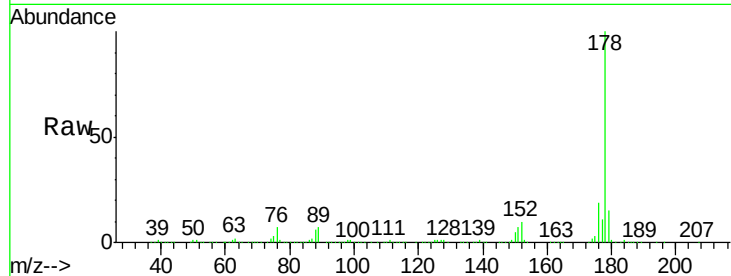
#71
Phenanthrene
Concen: 13.73 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.4	24.6
179	15.2	13.0	19.4

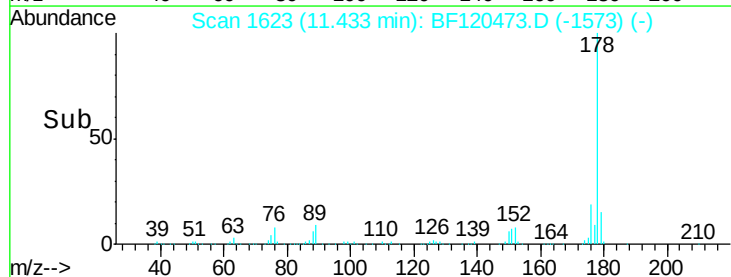
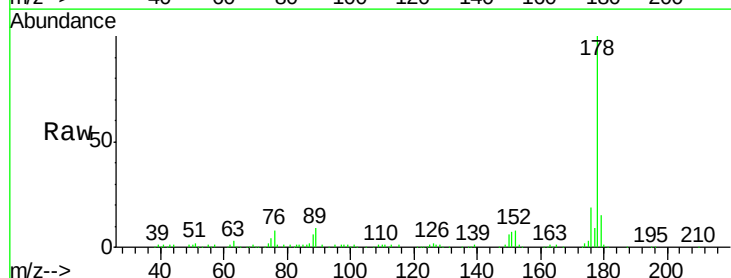
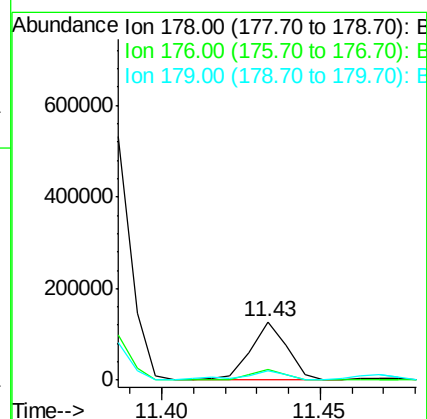
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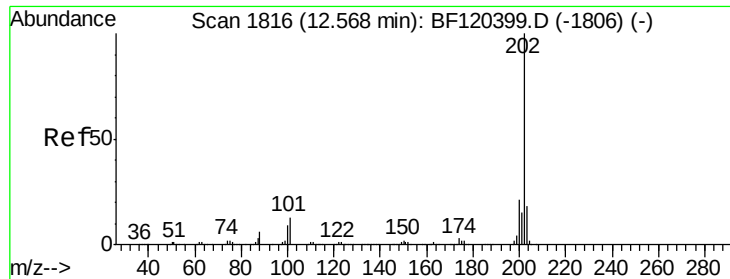
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#72
Anthracene
Concen: 3.10 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	15.4	12.8	19.2





#75

Fluoranthene

Concen: 21.27 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120473.D

Acq: 1 Jun 2020 16:12

Instrument :

BNA_F

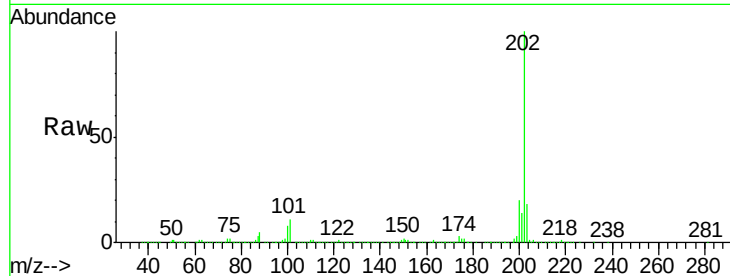
ClientSampleId :

NM82-COMP-2020-0-6

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		729721		
101	10.8	0.0	32.6		
203	17.7	0.0	38.4		

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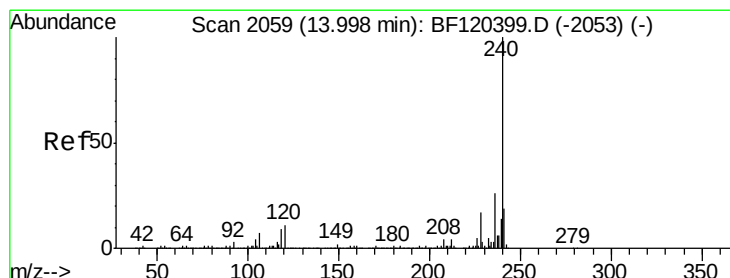
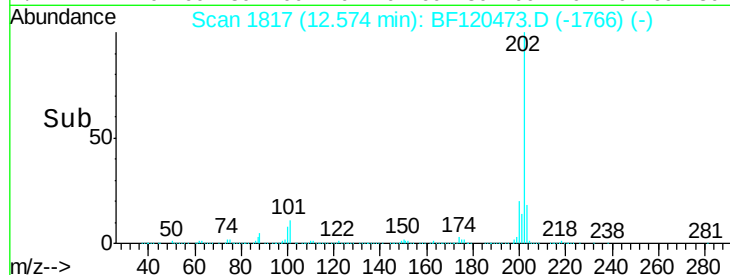
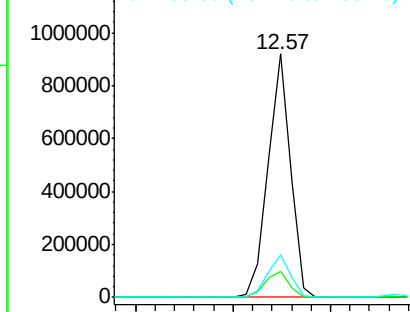


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

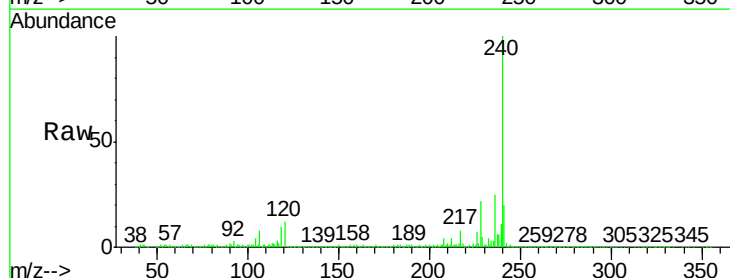
RT: 14.00 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BF120473.D

Acq: 1 Jun 2020 16:12

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		521235		
120	12.0	8.8	13.2		
236	25.3	21.0	31.4		

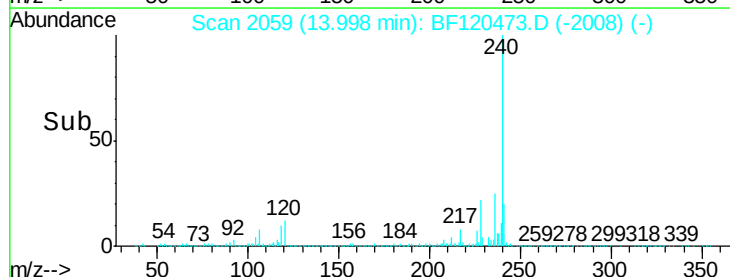
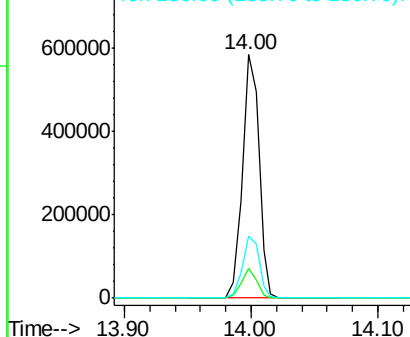


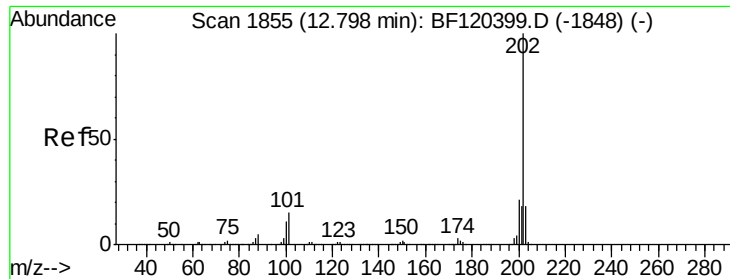
Abundance

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





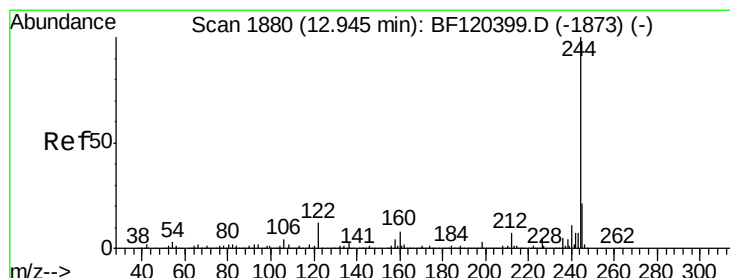
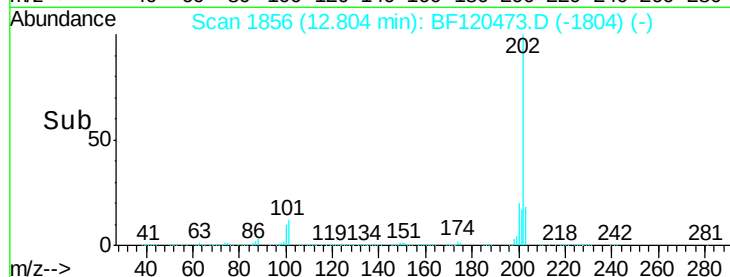
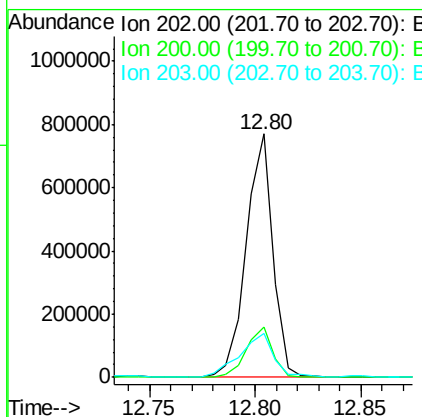
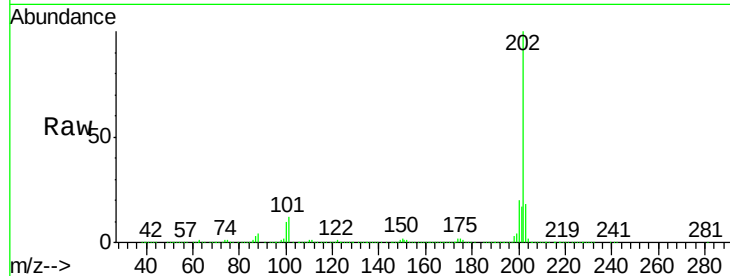
#78
 Pyrene
 Concen: 18.65 ng
 RT: 12.80 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF120473.D
 Acq: 1 Jun 2020 16:12

Instrument :
 BNA_F
 ClientSampleId :
 NM82-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	18.1	14.7	22.1

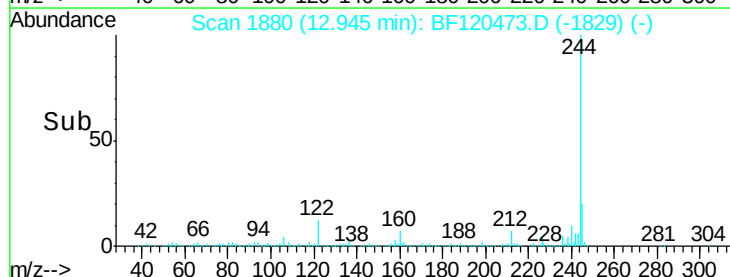
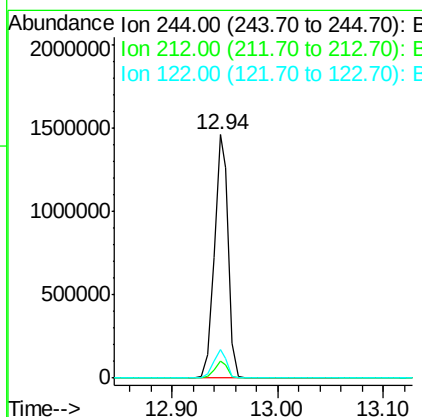
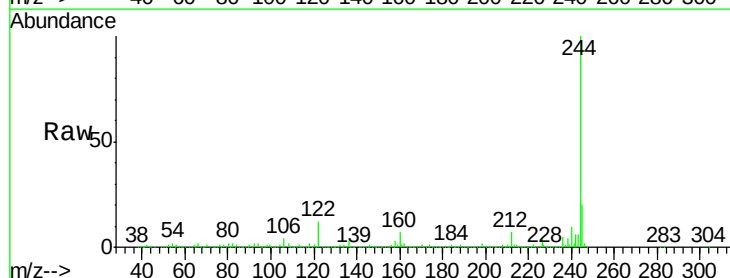
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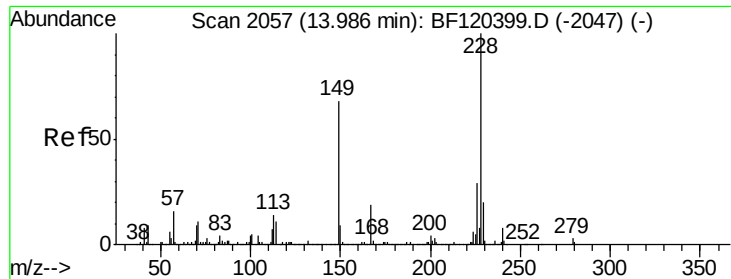
mohammad
 6/2/2020 3:25:29 PM



#79
 Terphenyl-d14
 Concen: 57.86 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BF120473.D
 Acq: 1 Jun 2020 16:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.6	9.2	13.8





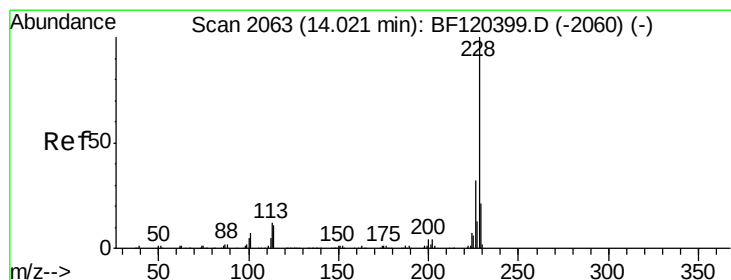
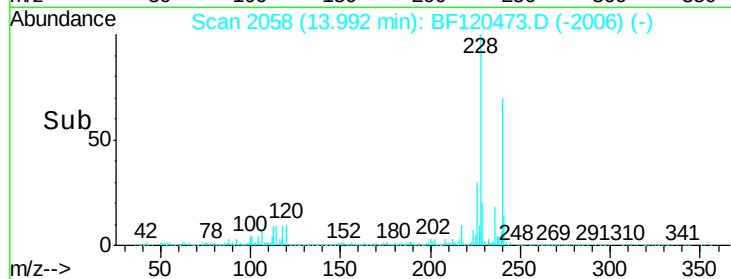
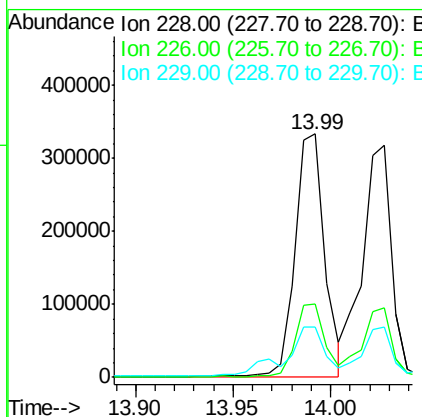
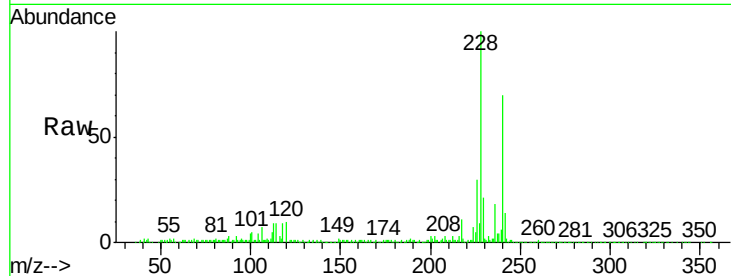
#81
Benzo(a)anthracene
Concen: 12.51 ng
RT: 13.99 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Instrument :
BNA_F
ClientSampleId :
NM82-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.4
229	20.6	16.2	24.4

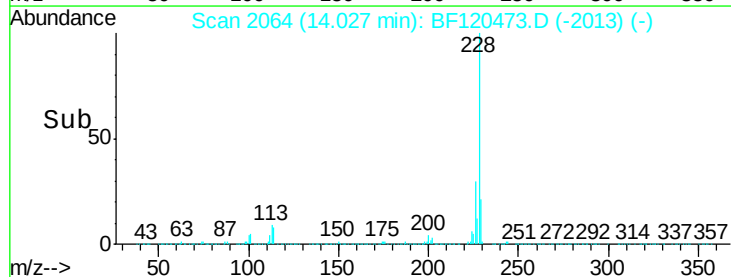
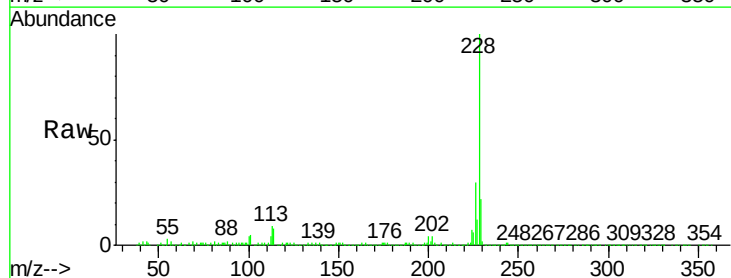
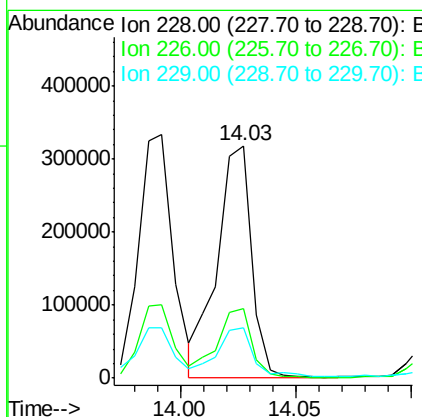
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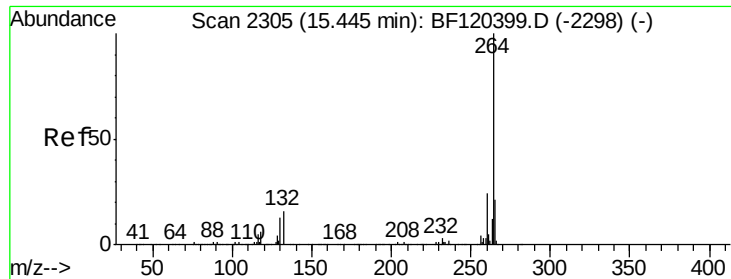
mohammad
6/2/2020 3:25:29 PM



#83
Chrysene
Concen: 11.24 ng
RT: 14.03 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.6	38.4
229	21.9	16.6	25.0





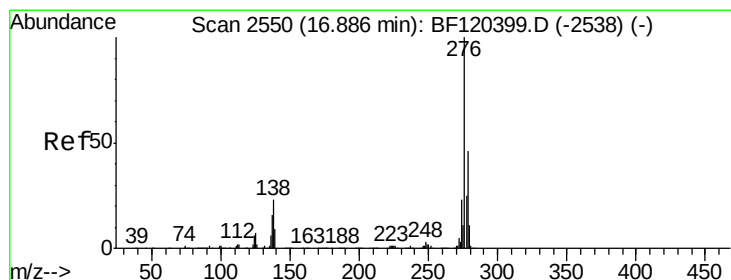
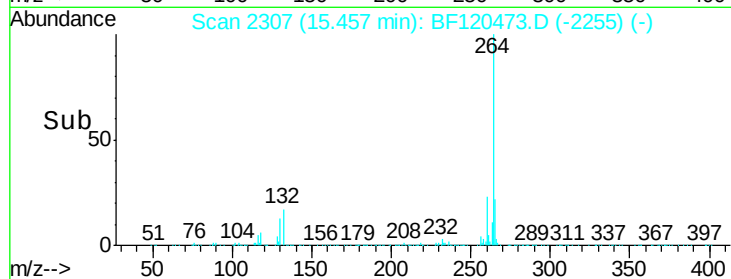
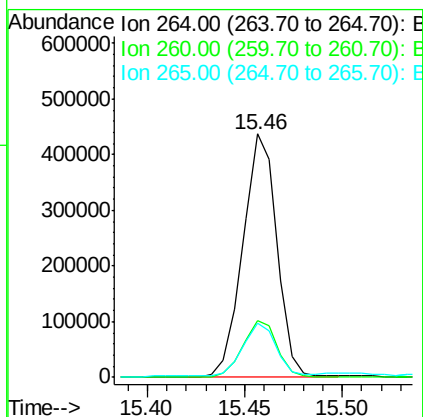
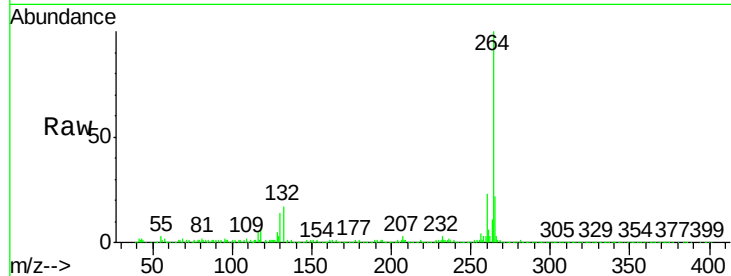
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Instrument :
BNA_F
ClientSampleId :
NM82-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	524575		
260	23.3	19.2	28.8	
265	22.1	16.9	25.3	

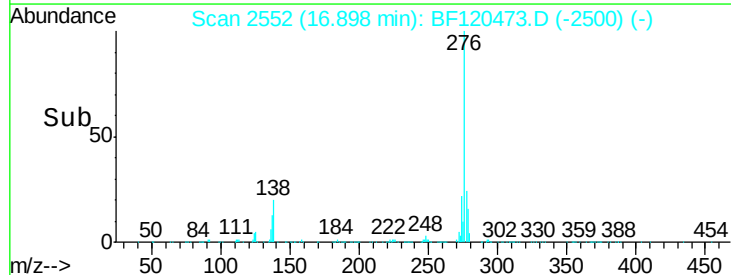
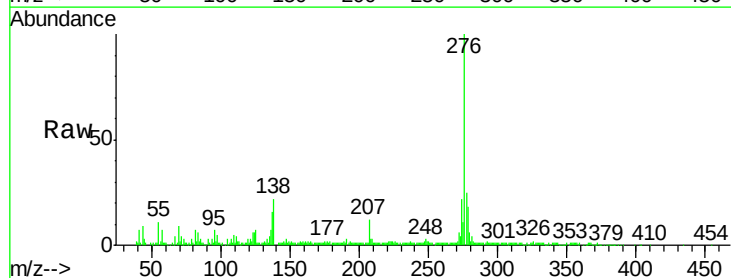
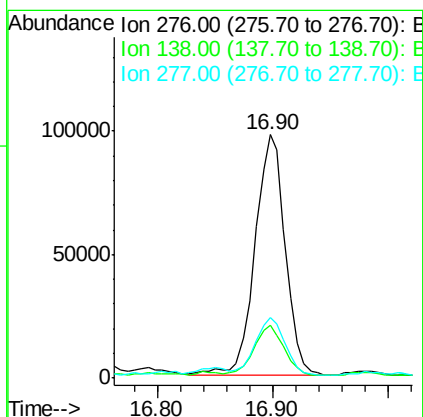
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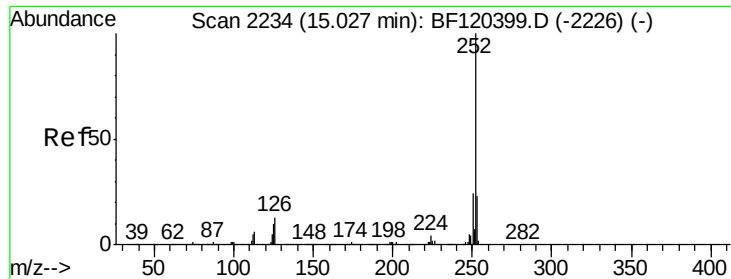
mohammad
6/2/2020 3:25:29 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.16 ng
RT: 16.90 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	176872		
138	20.8	20.4	30.6	
277	24.0	20.4	30.6	





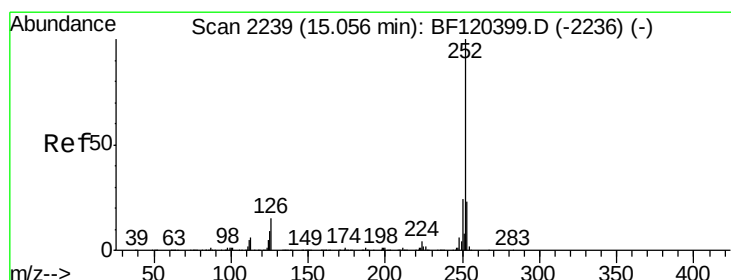
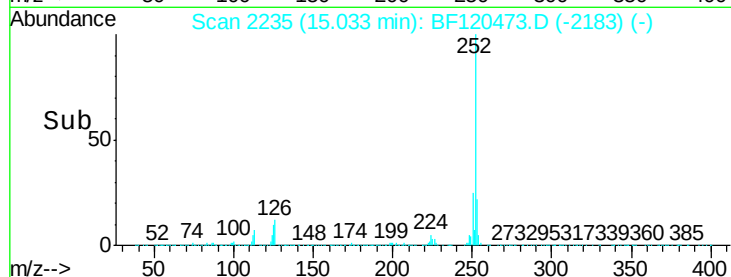
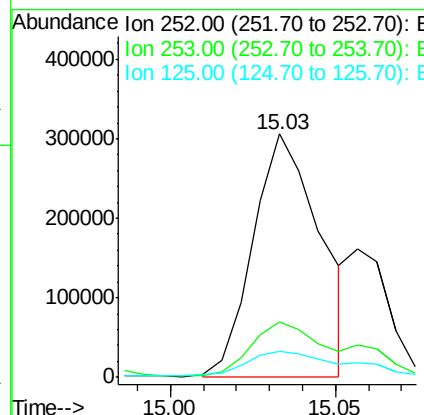
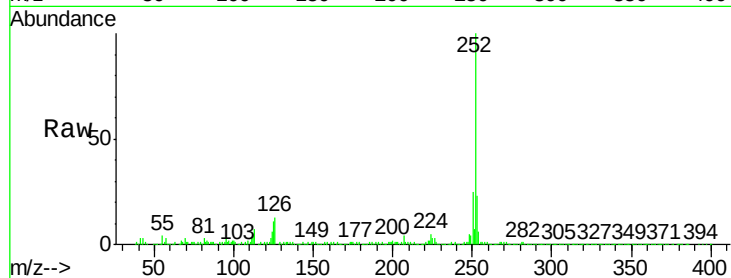
#88
Benzo(b)fluoranthene
Concen: 14.88 ng m
RT: 15.03 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Instrument :
BNA_F
ClientSampleId :
NM82-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	10.9	7.8	11.8

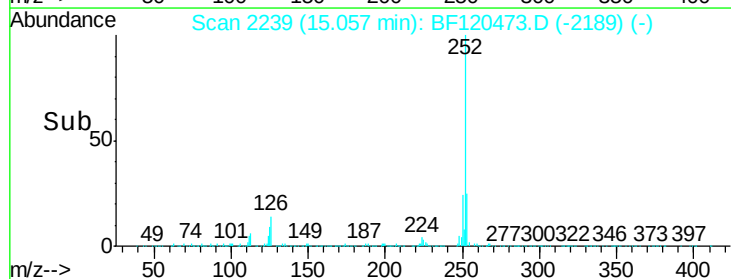
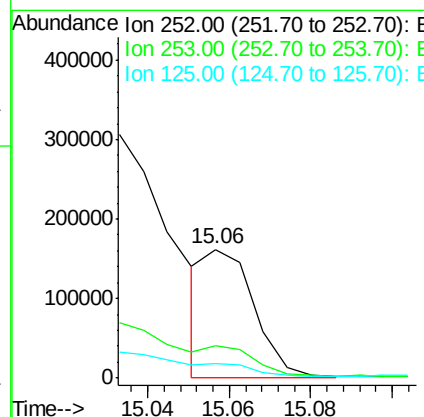
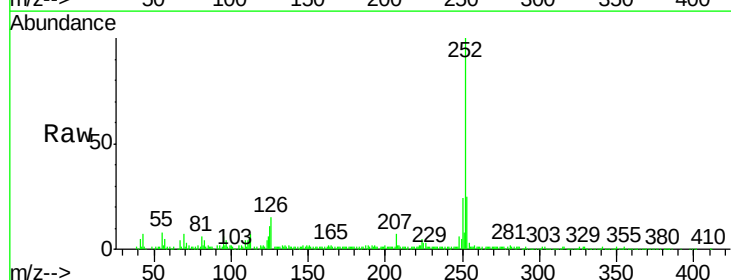
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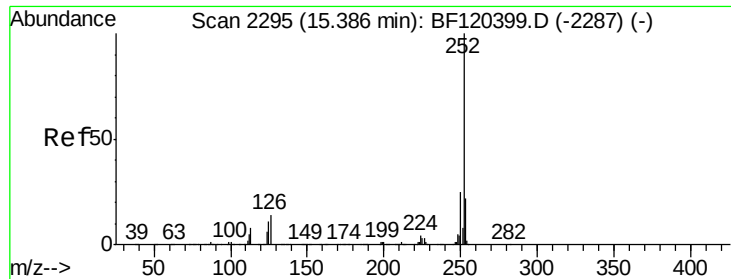
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.99 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.5	27.7
125	10.9	8.0	12.0





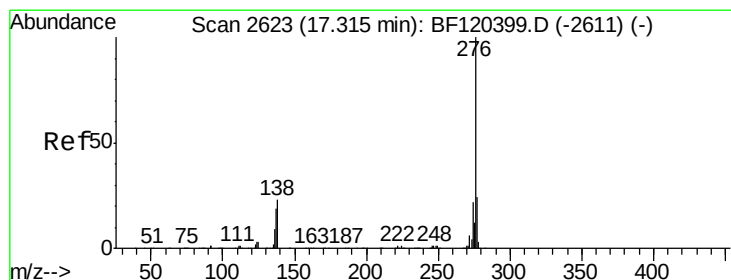
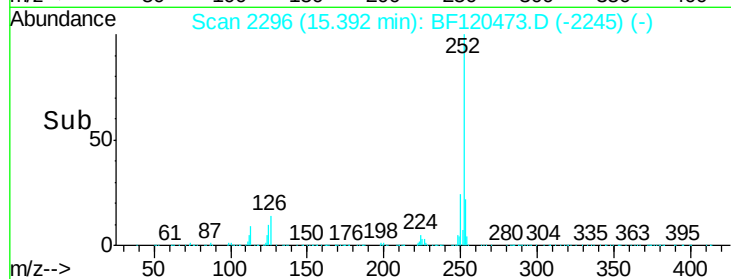
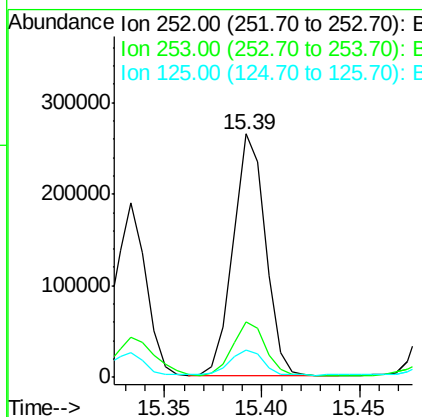
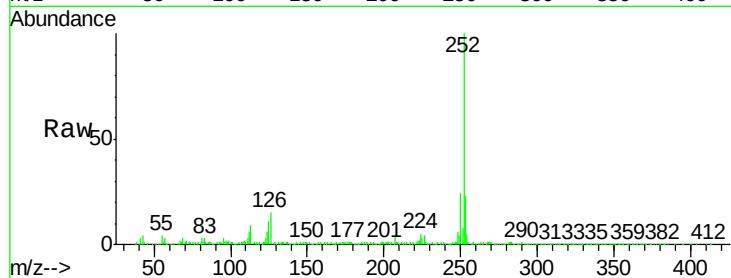
#90
Benzo(a)pyrene
Concen: 11.94 ng
RT: 15.39 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Instrument :
BNA_F
ClientSampleId :
NM82-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	11.1	8.7	13.1

Manual Integrations
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6/2/2020 3:25:29 PM



#92
Benzo(g,h,i)perylene
Concen: 7.12 ng
RT: 17.34 min Scan# 2627
Delta R.T. 0.01 min
Lab File: BF120473.D
Acq: 1 Jun 2020 16:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	20.4	18.1	27.1

