

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120476.D
 Acq On : 1 Jun 2020 17:34
 Operator : JU/CG
 Sample : L2773-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM16-COMP-2020-0-6

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Quant Time: Jun 01 18:16:14 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	235055	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	841654	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	396794	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	662347	20.00	ng	0.00
76) Chrysene-d12	14.00	240	531317	20.00	ng	0.00
86) Perylene-d12	15.46	264	495983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1296253	105.10	ng	0.01
7) Phenol-d6	6.47	99	1647086	108.34	ng	0.00
23) Nitrobenzene-d5	7.40	82	1098272	85.36	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	419022	113.97	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1929117	82.49	ng	0.00
79) Terphenyl-d14	12.95	244	1840863	77.10	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	246445	9.93	ng	98
71) Phenanthrene	11.39	178	354772	12.16	ng	97
72) Anthracene	11.43	178	78121	2.67	ng	99
75) Fluoranthene	12.57	202	604986	19.26	ng	98
78) Pyrene	12.80	202	542146	14.67	ng	99
81) Benzo(a)anthracene	13.99	228	278009	9.76	ng	97
83) Chrysene	14.03	228	285855	9.58	ng	98
87) Indeno(1,2,3-cd)pyrene	16.90	276	131028	4.83	ng	# 93
88) Benzo(b)fluoranthene	15.03	252	342572m	12.44	ng	
89) Benzo(k)fluoranthene	15.06	252	129388m	5.03	ng	
90) Benzo(a)pyrene	15.40	252	226020	9.38	ng	100
92) Benzo(g,h,i)perylene	17.34	276	117202	5.37	ng	99

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

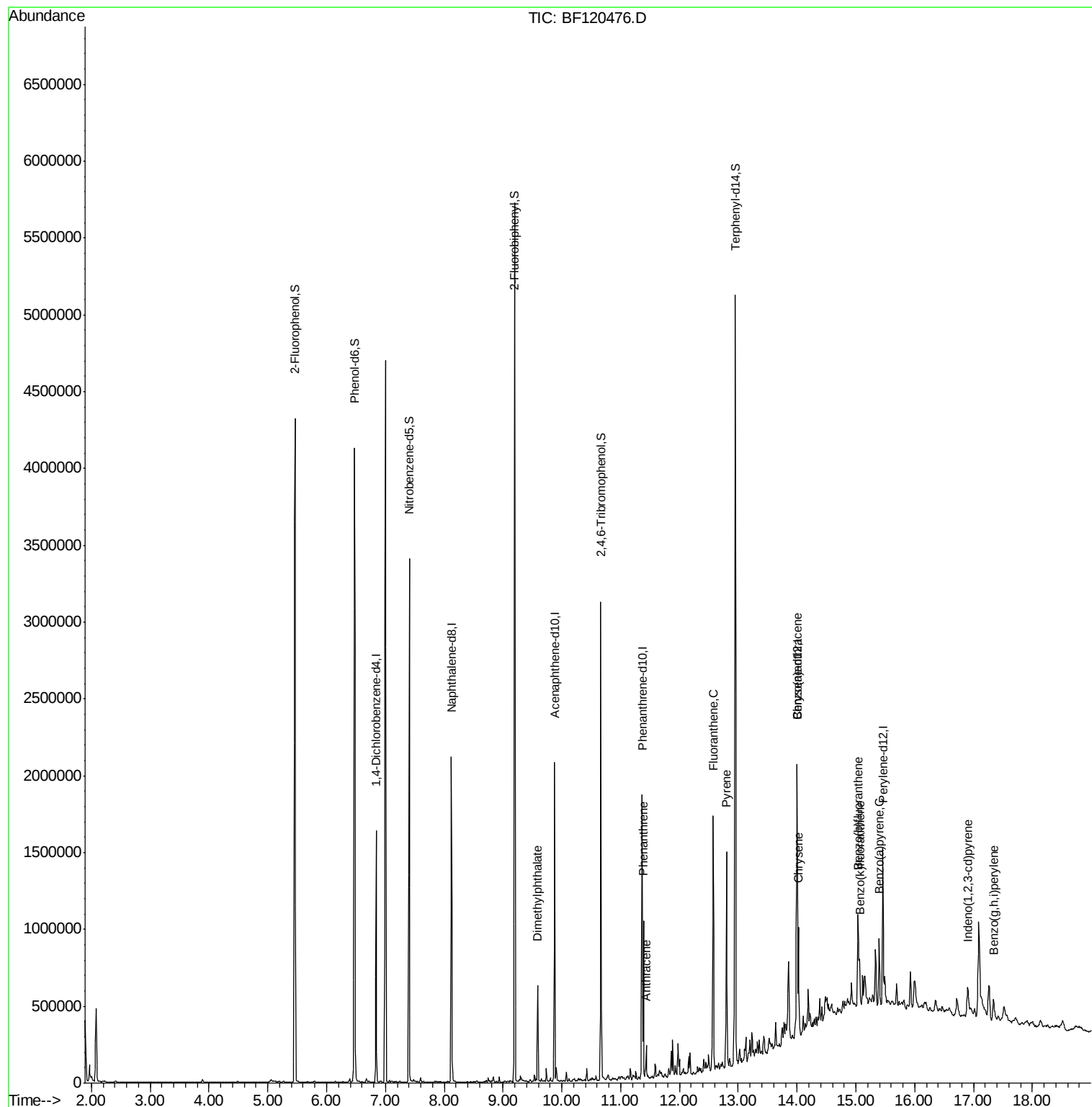
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
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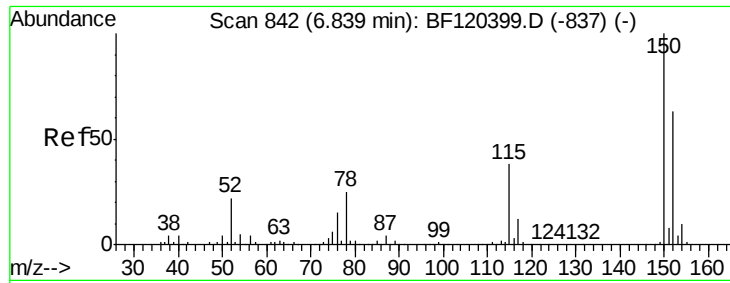
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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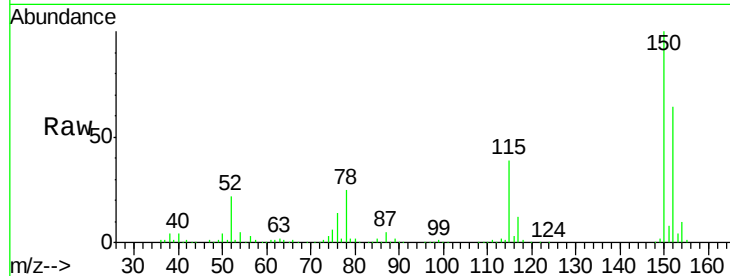
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF120476.D
 Acq: 1 Jun 2020 17:34

Instrument :
 BNA_F
 ClientSampleId :
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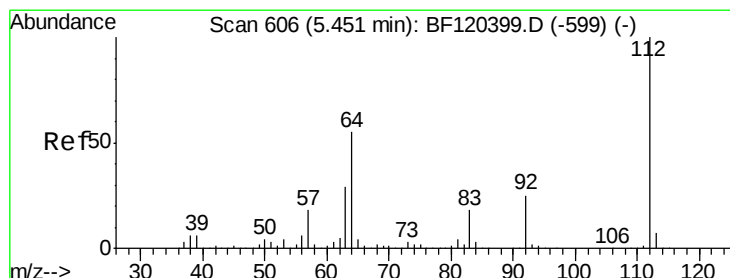
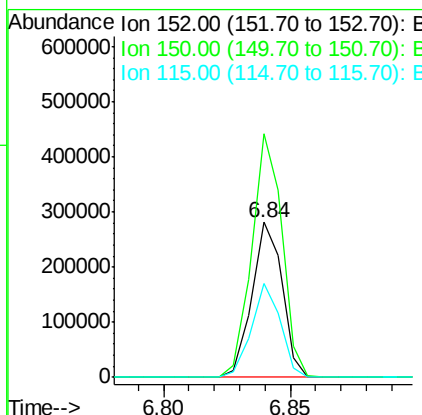
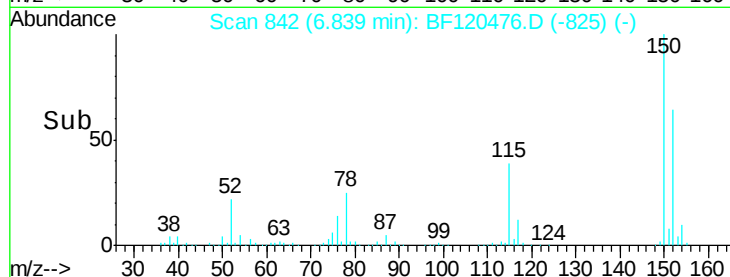
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.5	189.7
115	60.6	47.6	71.4

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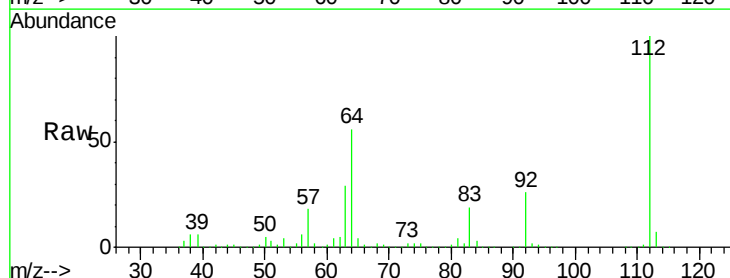


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

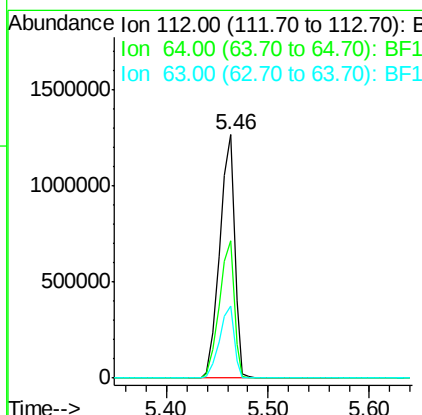
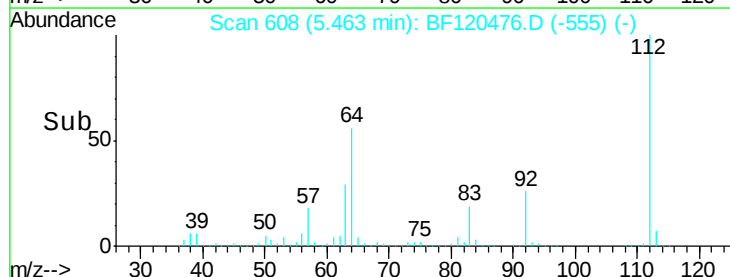


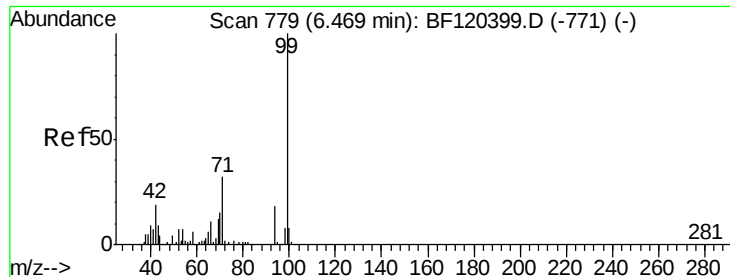
#5
 2-Fluorophenol
 Concen: 105.10 ng
 RT: 5.46 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF120476.D
 Acq: 1 Jun 2020 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.3	66.5
63	29.4	22.9	34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 108.34 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF120476.D

Acq: 1 Jun 2020 17:34

Instrument :

BNA_F

ClientSampleId :

NM16-COMP-2020-0-6

Tgt Ion: 99 Resp: 1647086

Ion Ratio Lower Upper

99 100

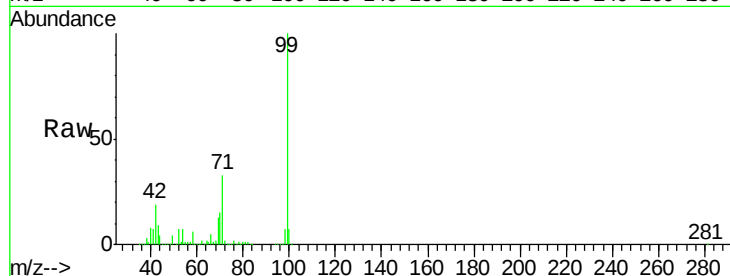
42 18.9 15.2 22.8

71 33.4 25.6 38.4

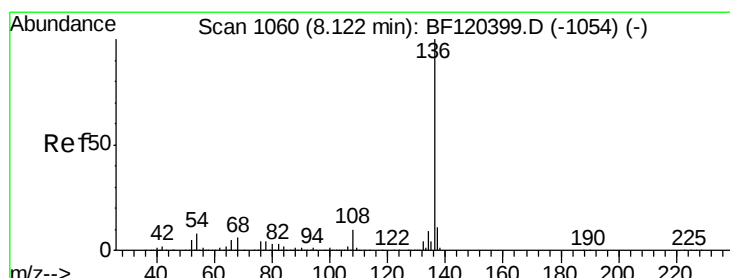
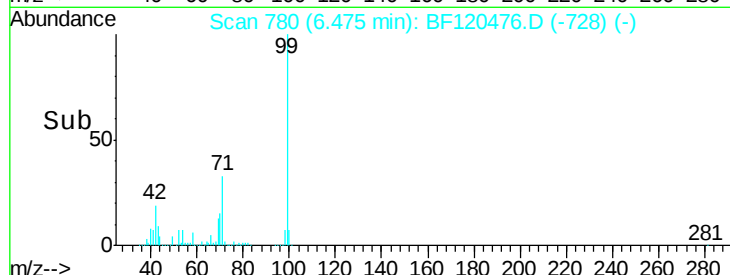
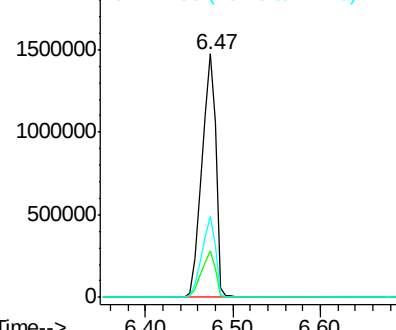
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF120476.D

Acq: 1 Jun 2020 17:34

Tgt Ion: 136 Resp: 841654

Ion Ratio Lower Upper

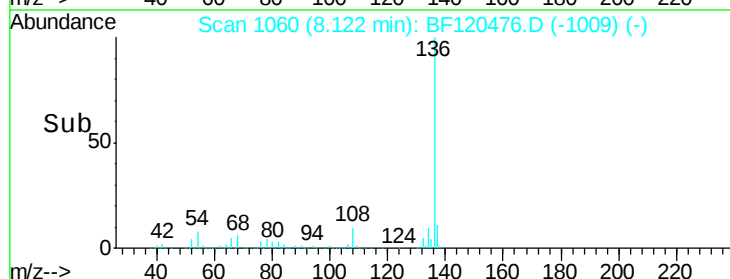
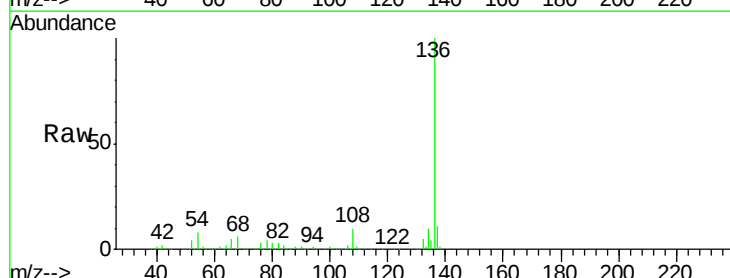
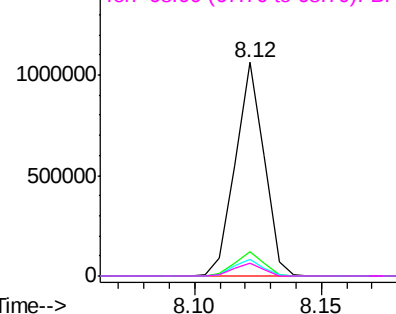
136 100

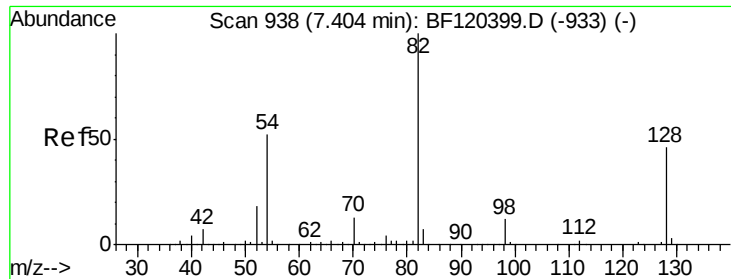
137 11.2 9.1 13.7

54 7.8 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





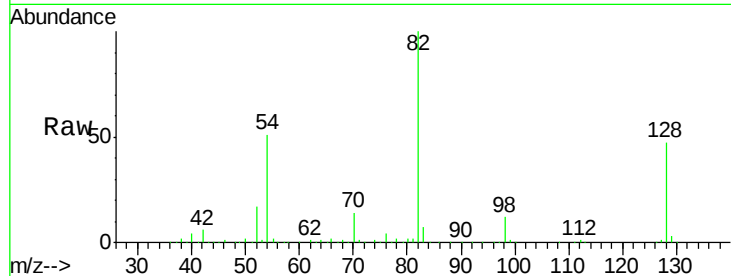
#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF120476.D
 Acq: 1 Jun 2020 17:34

Instrument :
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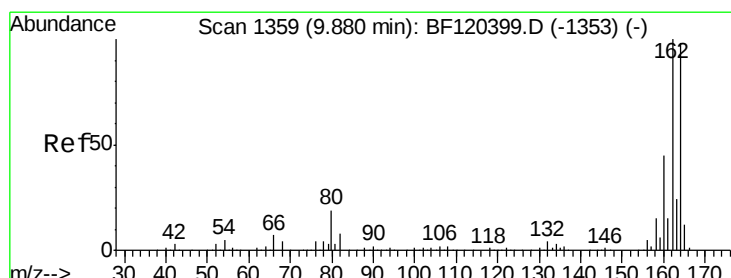
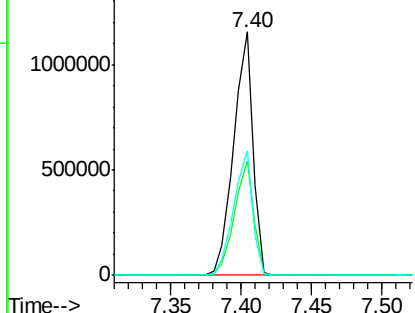
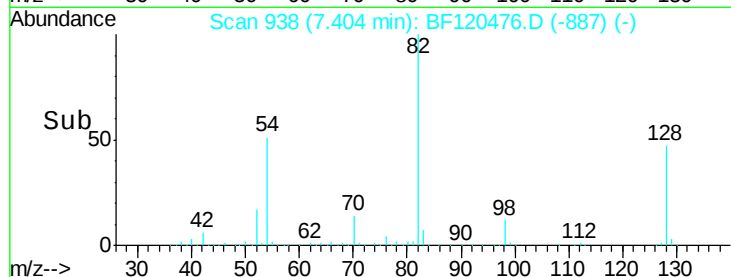
Tgt Ion: 82 Resp: 1098272
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.8 55.2
 54 51.0 41.6 62.4

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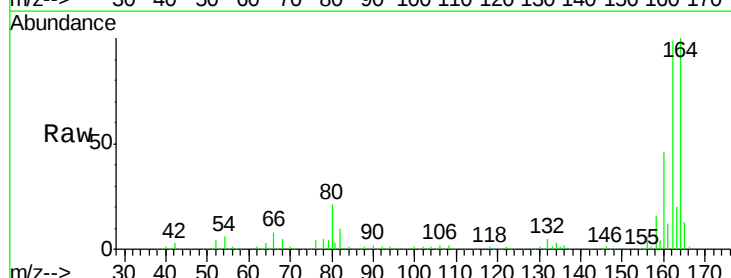


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

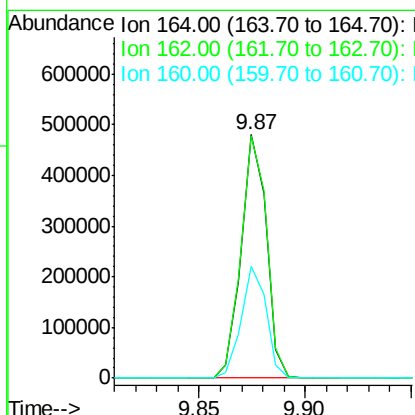
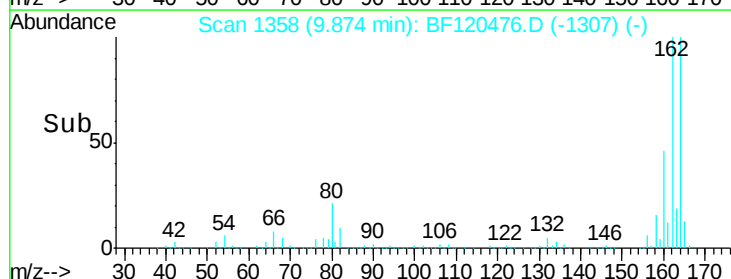


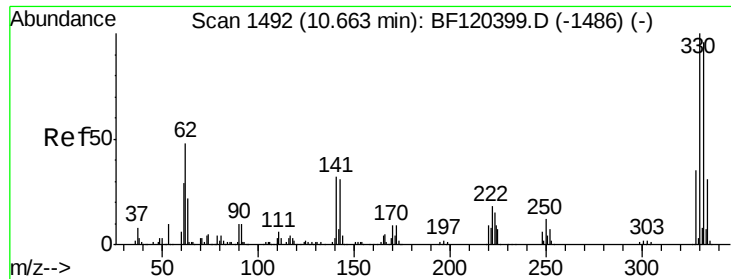
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF120476.D
 Acq: 1 Jun 2020 17:34

Tgt Ion: 164 Resp: 396794
 Ion Ratio Lower Upper
 164 100
 162 99.3 81.3 121.9
 160 45.7 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





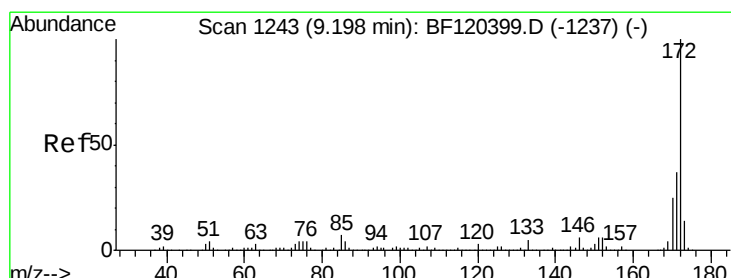
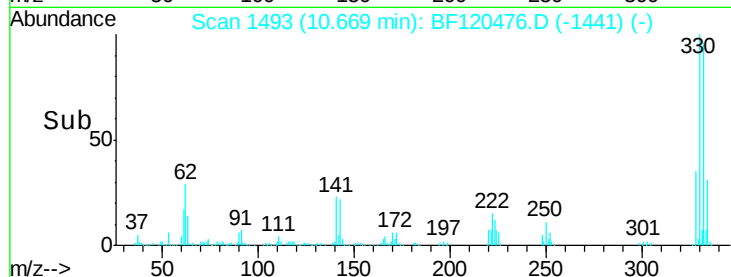
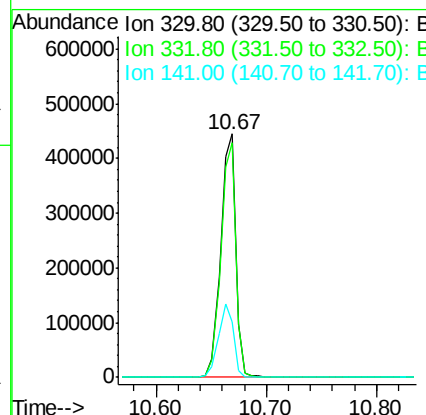
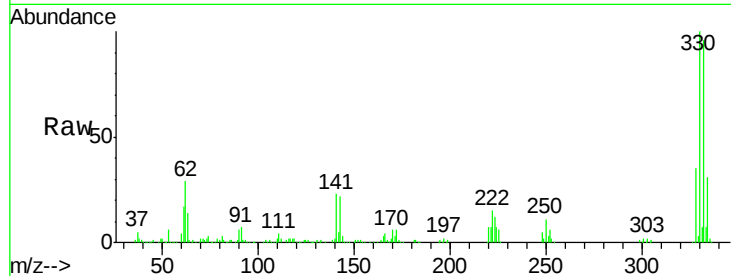
#42
 2,4,6-Tribromophenol
 Concen: 113.97 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120476.D
 Acq: 1 Jun 2020 17:34

Instrument :
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 NM16-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	419022		
332	95.6	77.0	115.6	
141	30.0	25.3	37.9	

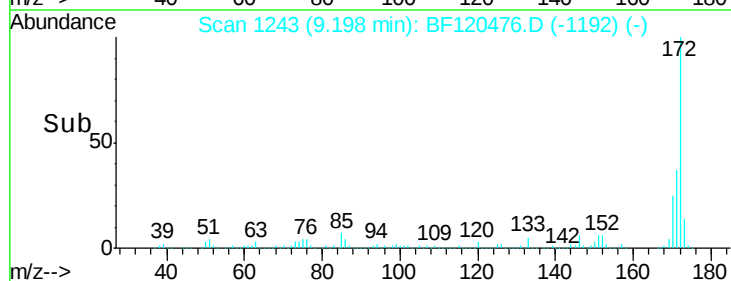
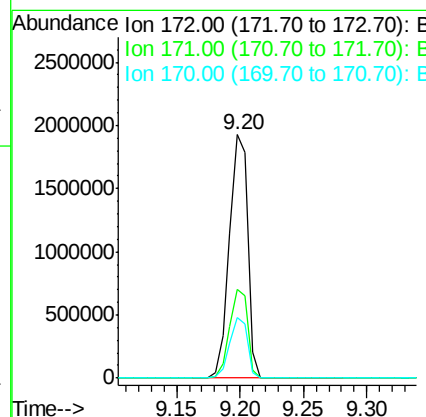
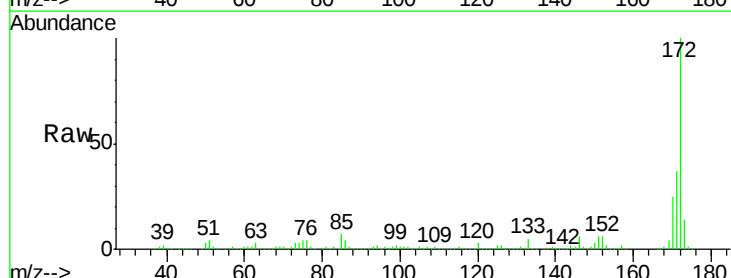
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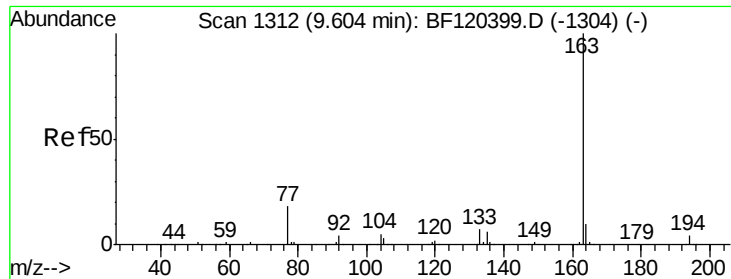
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#45
 2-Fluorobiphenyl
 Concen: 82.49 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120476.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1929117		
171	36.6	29.7	44.5	
170	24.7	19.9	29.9	





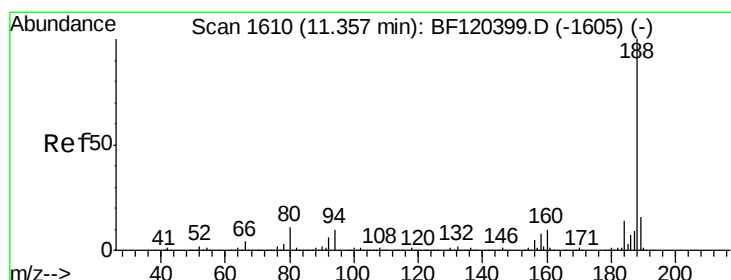
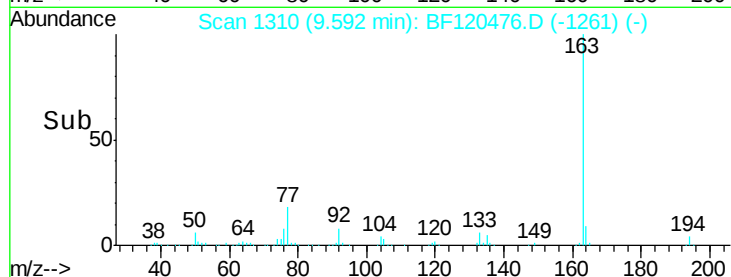
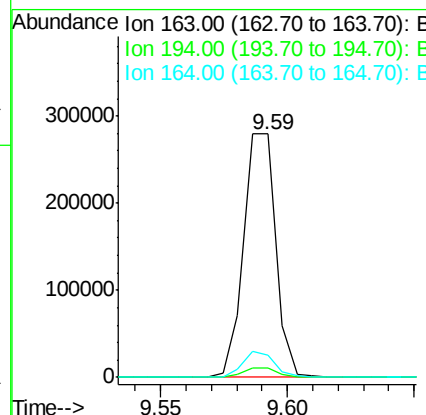
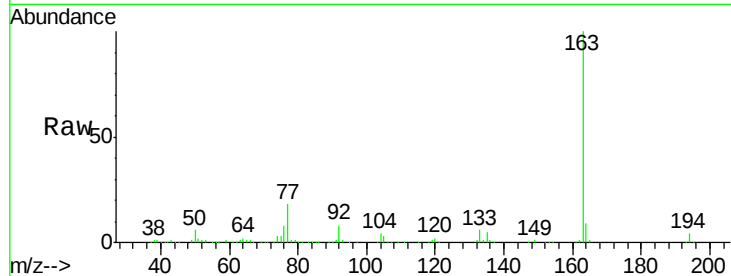
#50
Dimethylphthalate
Concen: 9.93 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

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BNA_F
ClientSampleId :
NM16-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	246445		
194	4.0	3.3	4.9	
164	9.3	8.3	12.5	

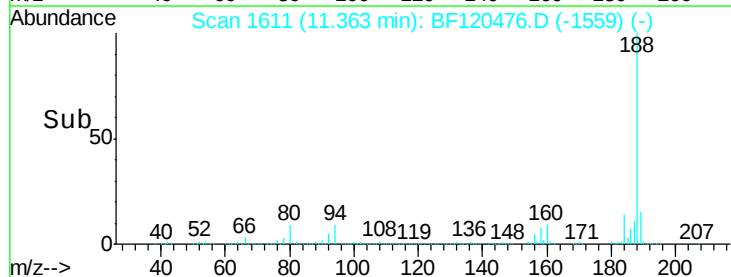
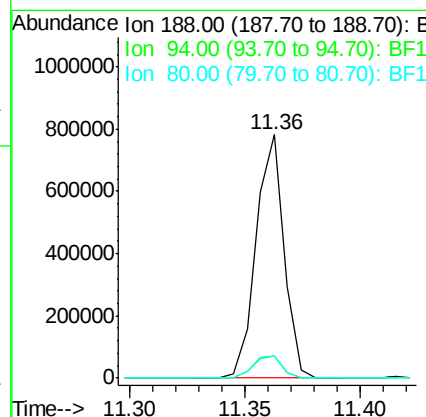
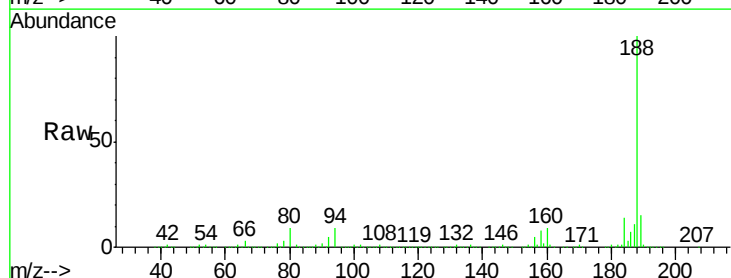
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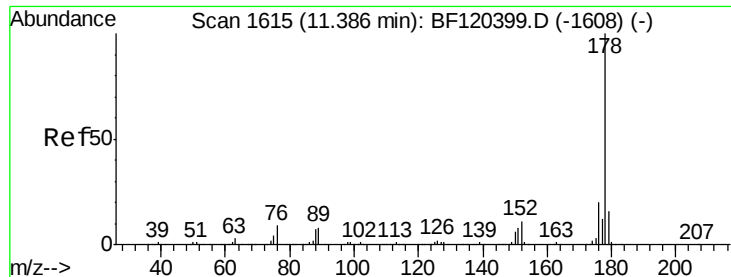
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	662347		
94	8.9	7.9	11.9	
80	9.3	8.6	13.0	





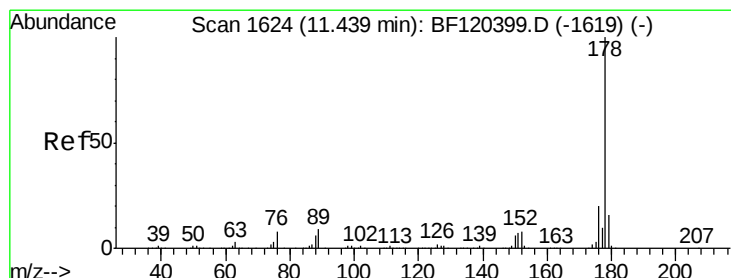
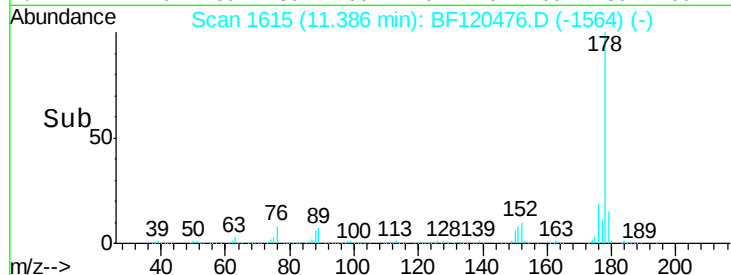
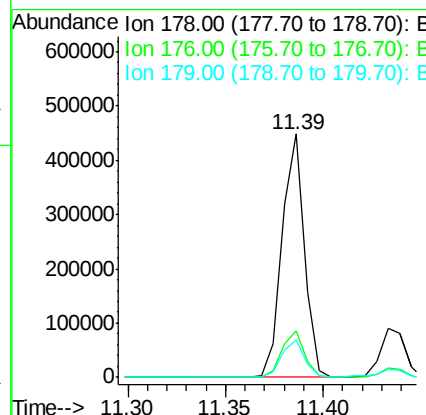
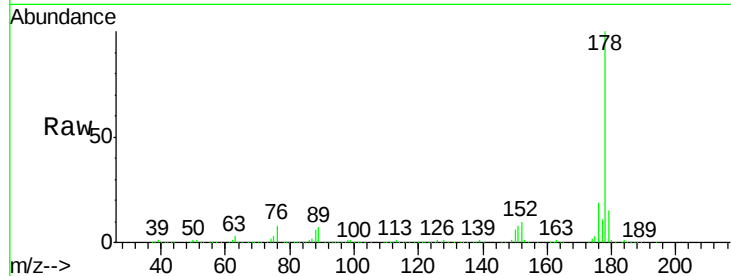
#71
Phenanthrene
Concen: 12.16 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Instrument :
BNA_F
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.4	24.6
179	15.2	13.0	19.4

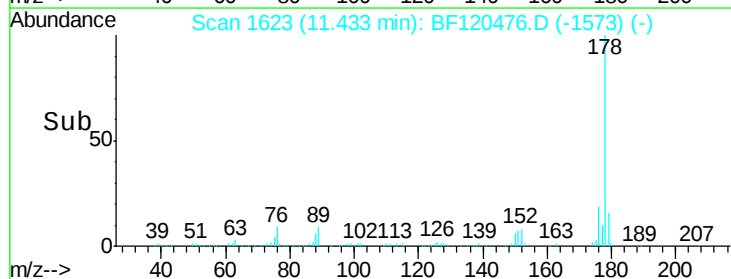
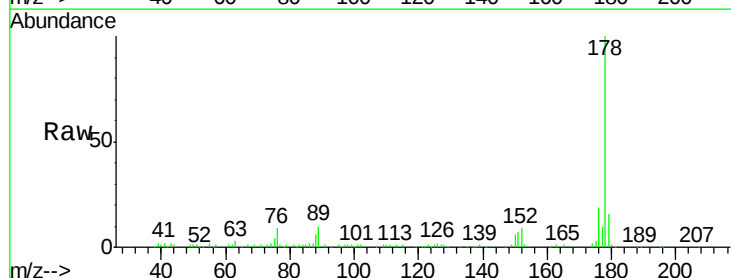
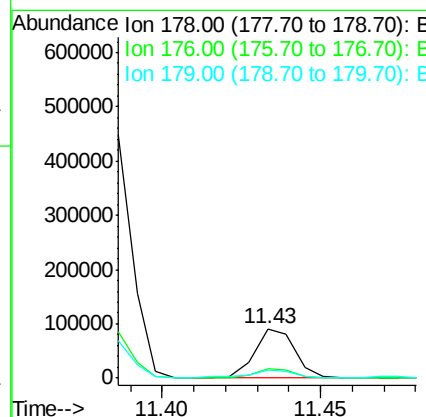
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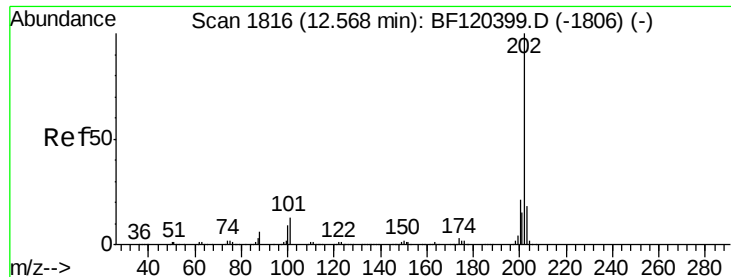
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#72
Anthracene
Concen: 2.67 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.7	12.8	19.2





#75

Fluoranthene

Concen: 19.26 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120476.D

Acq: 1 Jun 2020 17:34

Instrument :

BNA_F

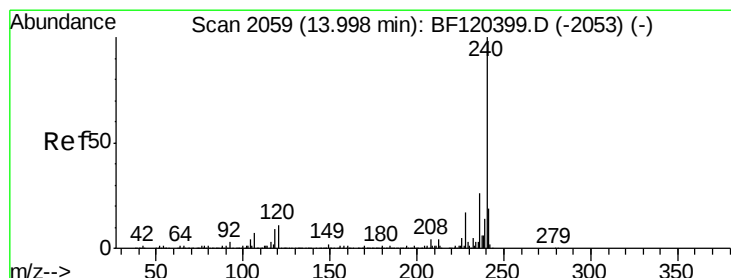
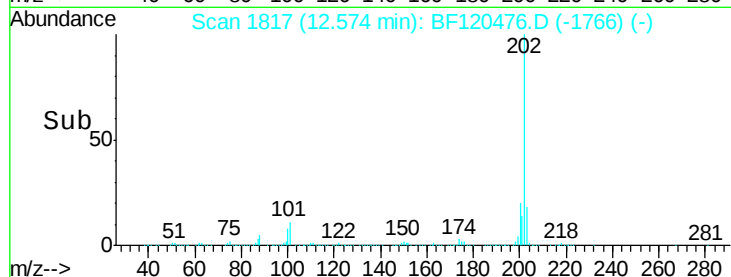
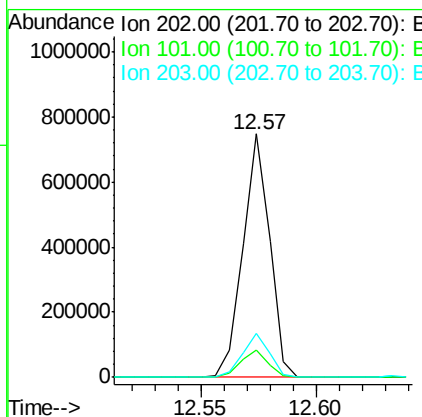
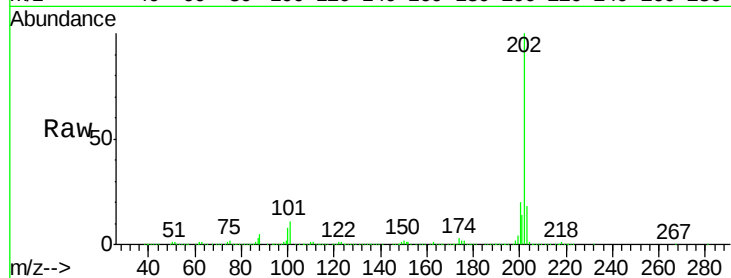
ClientSampleId :

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Tgt Ion:	202	Resp:	604986
Ion Ratio		Lower	Upper
202	100		
101	11.2	0.0	32.6
203	17.9	0.0	38.4

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#76

Chrysene-d12

Concen: 20.00 ng

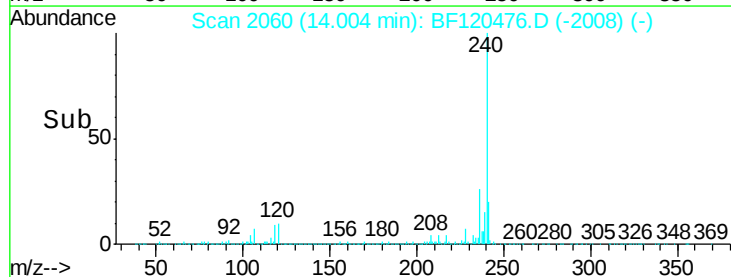
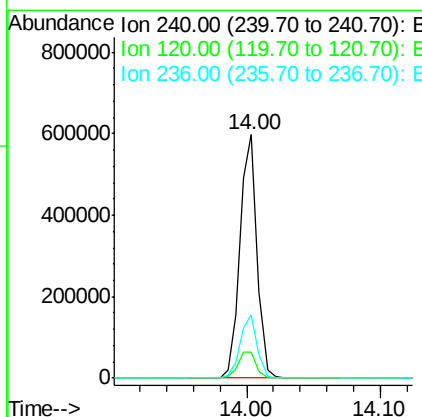
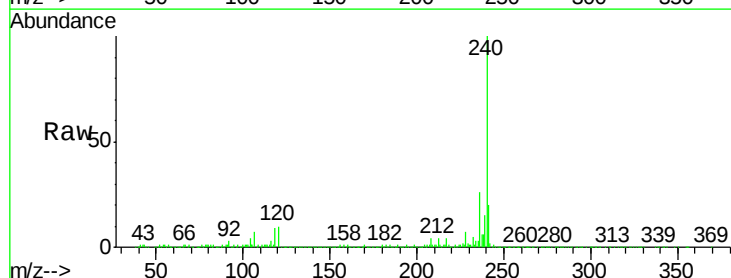
RT: 14.00 min Scan# 2060

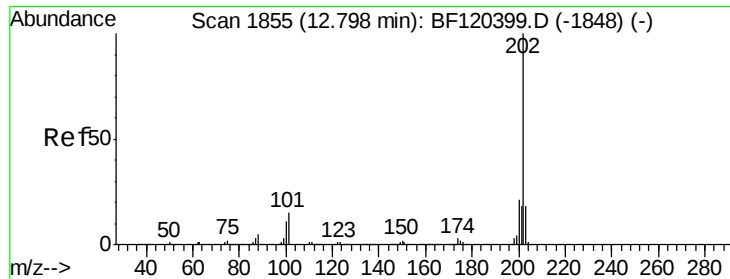
Delta R.T. 0.01 min

Lab File: BF120476.D

Acq: 1 Jun 2020 17:34

Tgt Ion:	240	Resp:	531317
Ion Ratio		Lower	Upper
240	100		
120	10.5	8.8	13.2
236	26.2	21.0	31.4





#78

Pyrene

Concen: 14.67 ng

RT: 12.80 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF120476.D

Acq: 1 Jun 2020 17:34

Instrument :

BNA_F

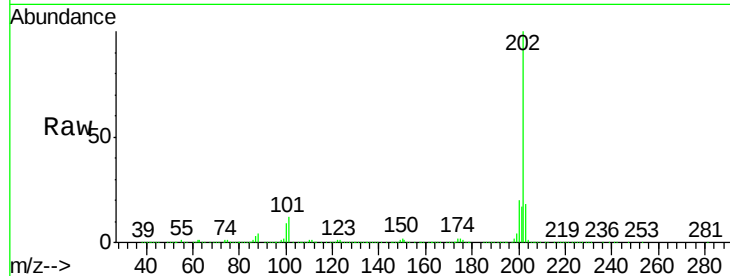
ClientSampleId :

NM16-COMP-2020-0-6

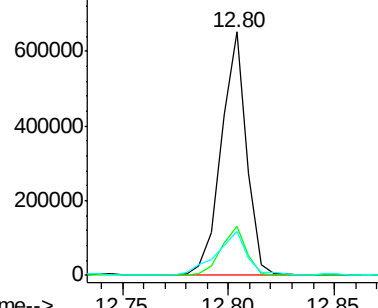
Tgt Ion:	202	Resp:	542146
Ion Ratio		Lower	Upper
202	100		
200	20.3	17.0	25.4
203	18.0	14.7	22.1

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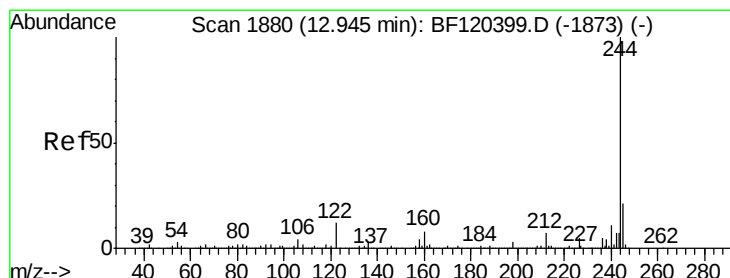
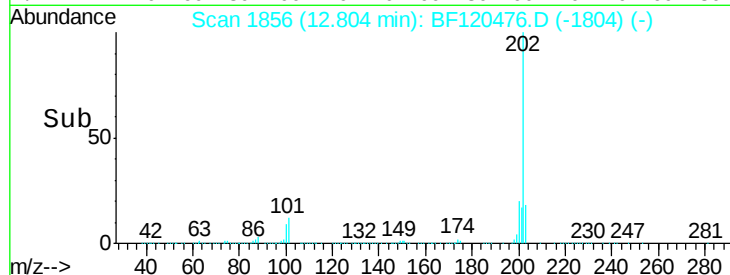
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 77.10 ng

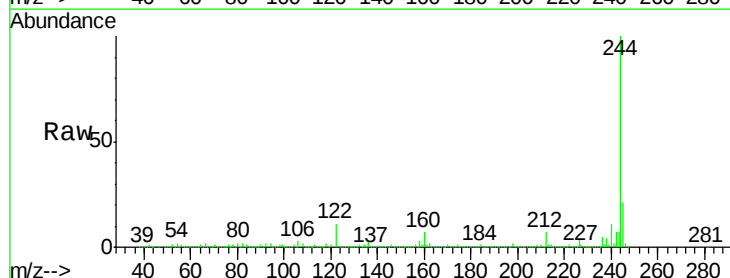
RT: 12.95 min Scan# 1881

Delta R.T. 0.01 min

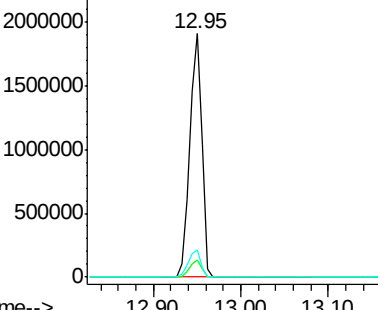
Lab File: BF120476.D

Acq: 1 Jun 2020 17:34

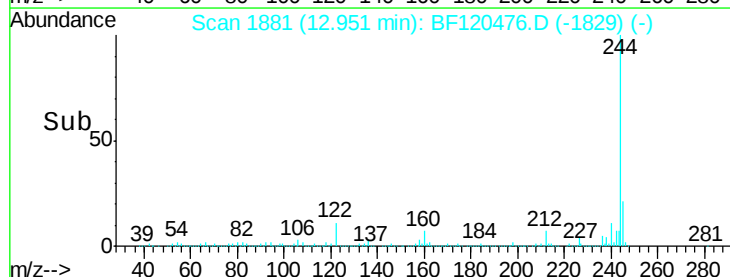
Tgt Ion:	244	Resp:	1840863
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.0	9.2	13.8

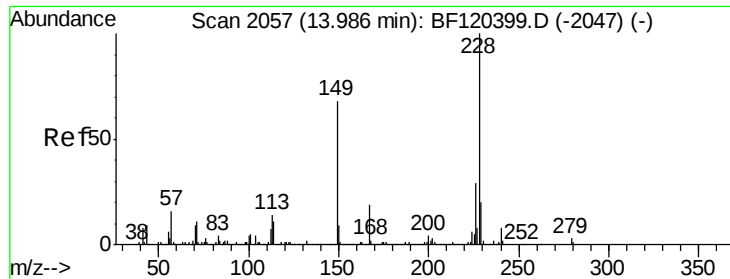


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





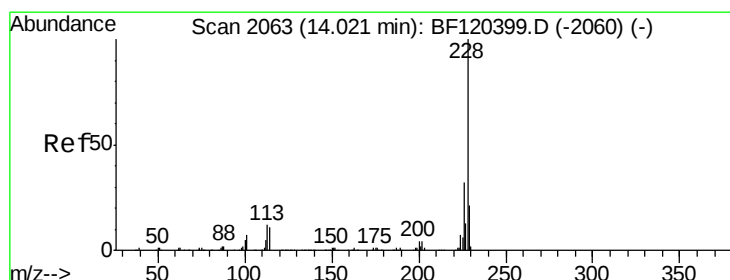
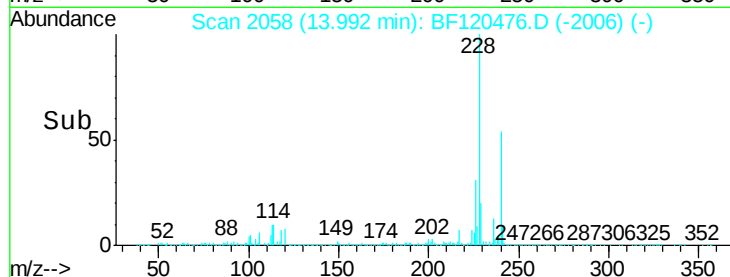
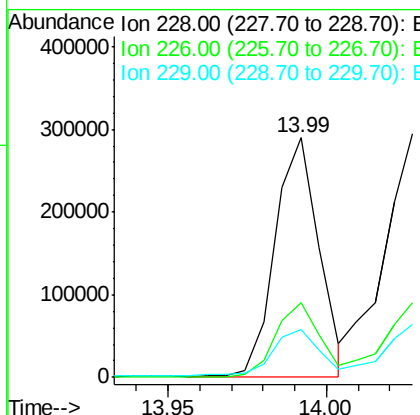
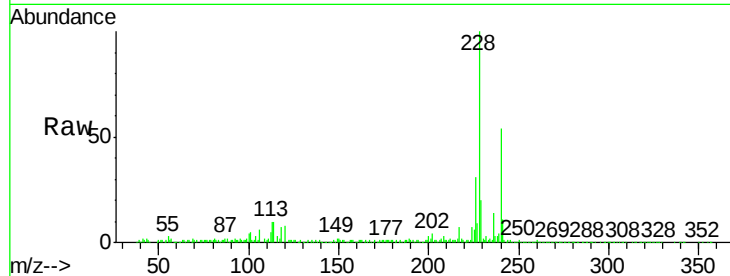
#81
Benzo(a)anthracene
Concen: 9.76 ng
RT: 13.99 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.0	34.4
229	20.2	16.2	24.4

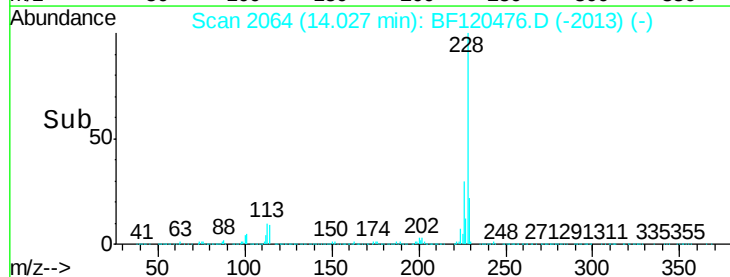
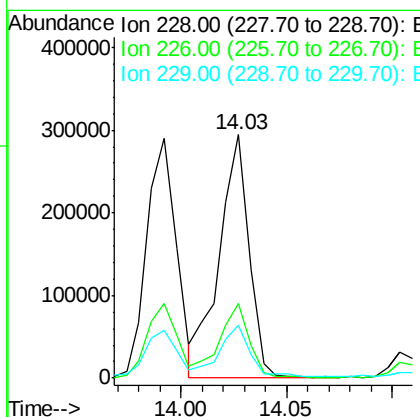
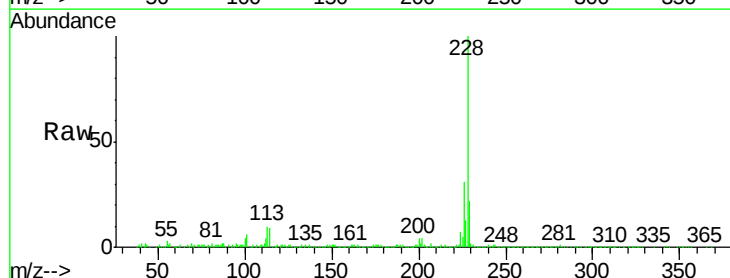
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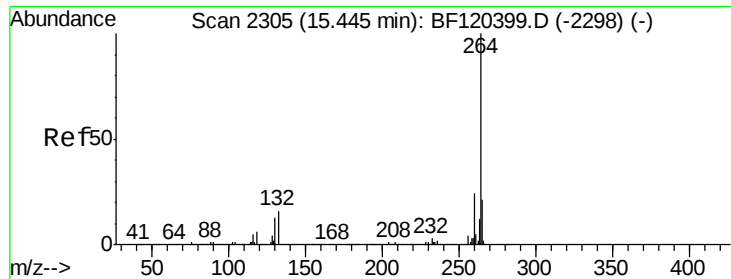
mohammad
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#83
Chrysene
Concen: 9.58 ng
RT: 14.03 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.6	38.4
229	22.0	16.6	25.0





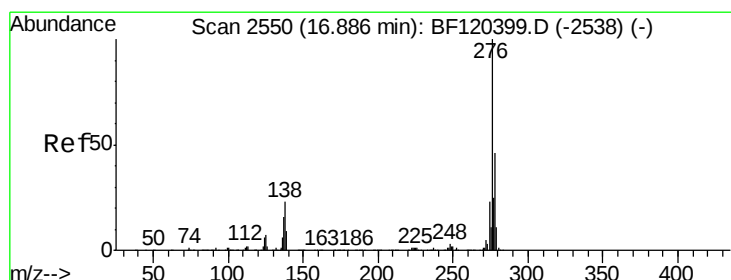
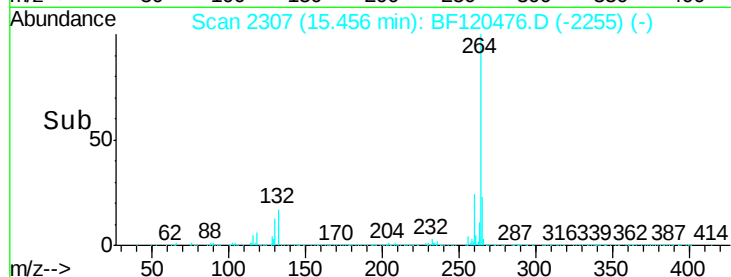
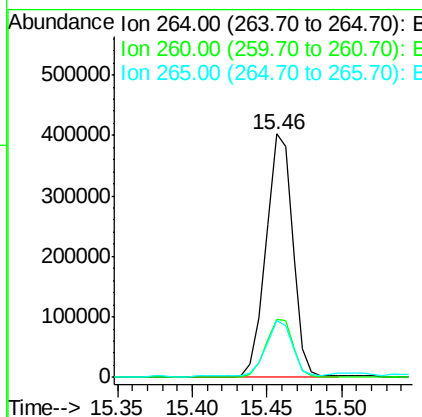
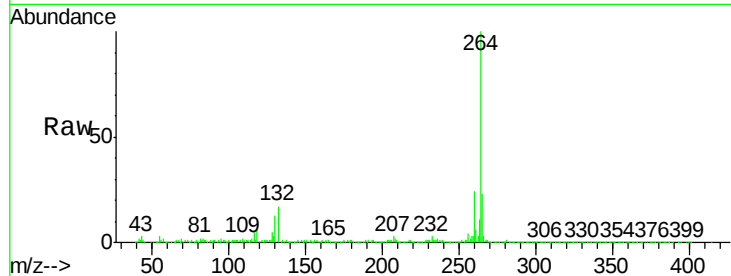
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	495983		
260	24.0	19.2	28.8	
265	23.2	16.9	25.3	

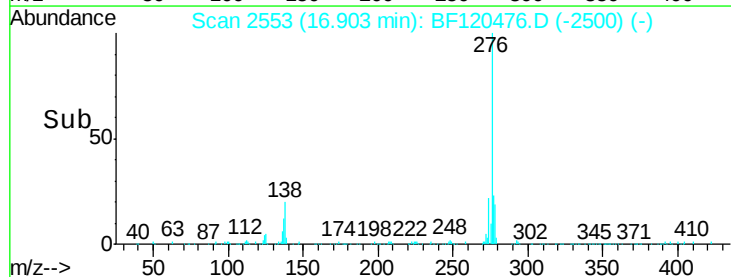
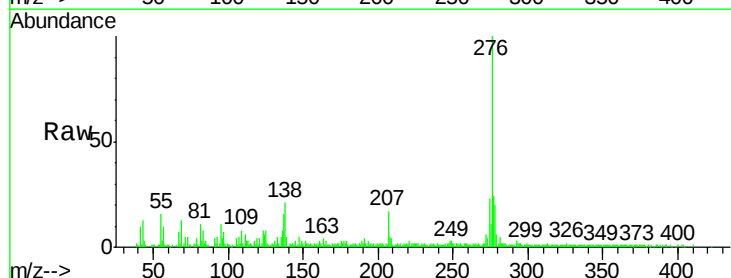
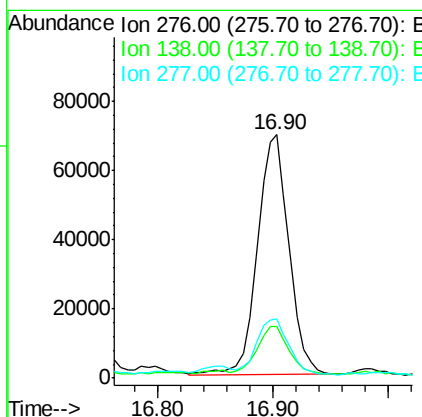
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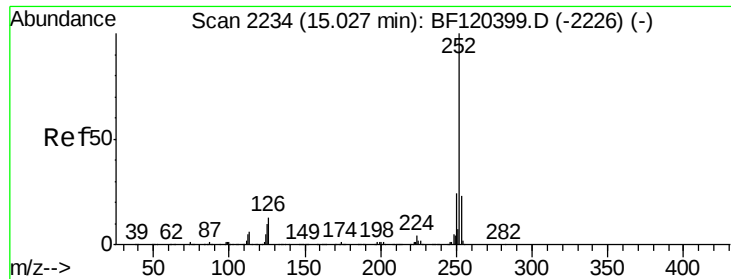
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.83 ng
RT: 16.90 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	131028		
138	20.2	20.4	30.6#	
277	24.0	20.4	30.6	





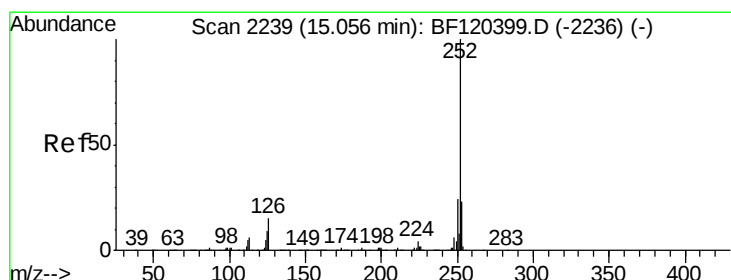
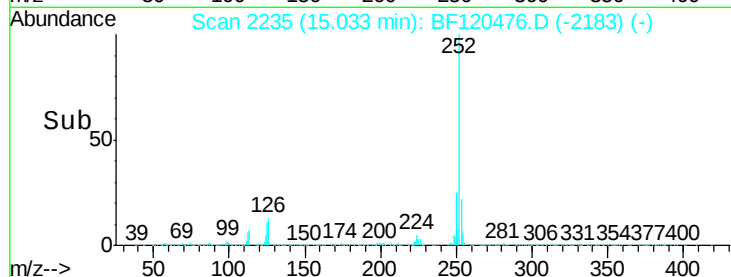
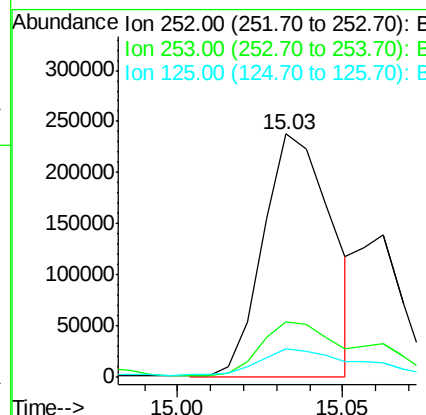
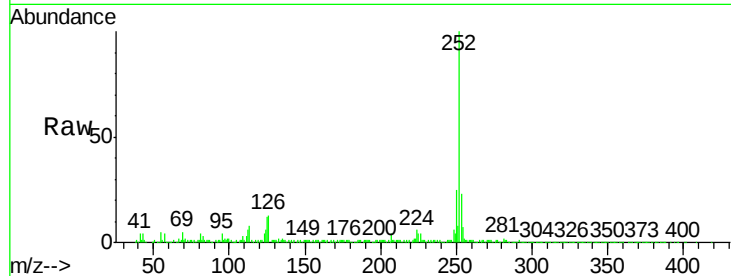
#88
Benzo(b)fluoranthene
Concen: 12.44 ng m
RT: 15.03 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.8	7.8	11.8

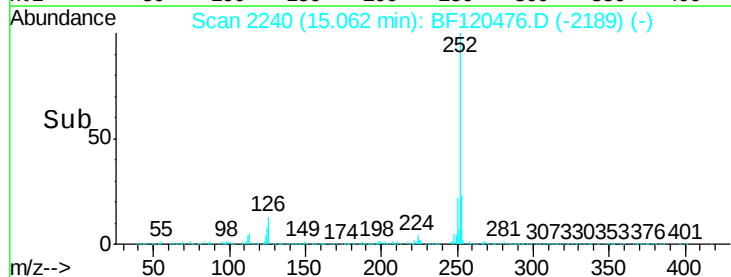
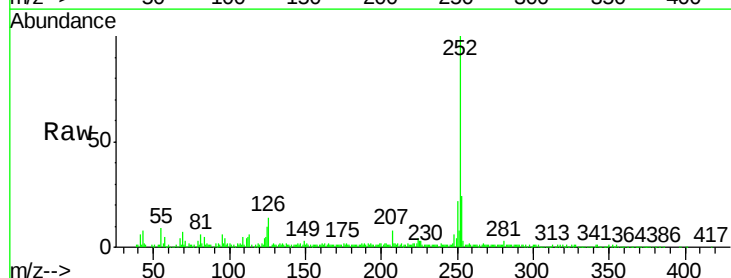
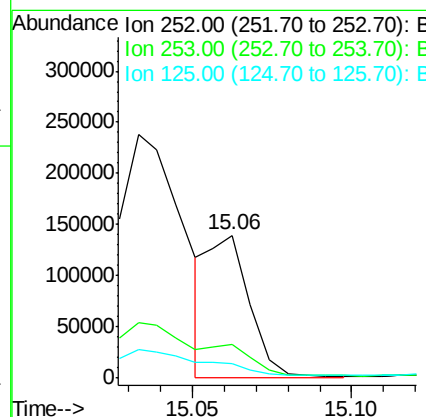
Manual Integrations
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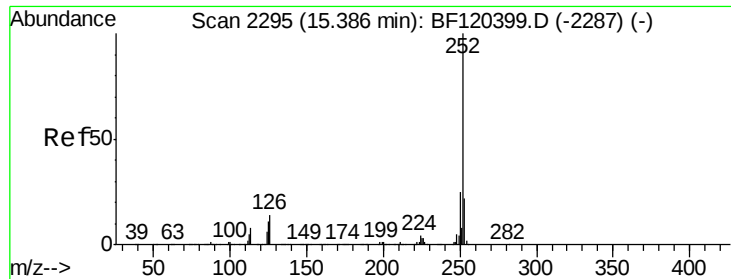
mohammad
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#89
Benzo(k)fluoranthene
Concen: 5.03 ng m
RT: 15.06 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	10.1	8.0	12.0





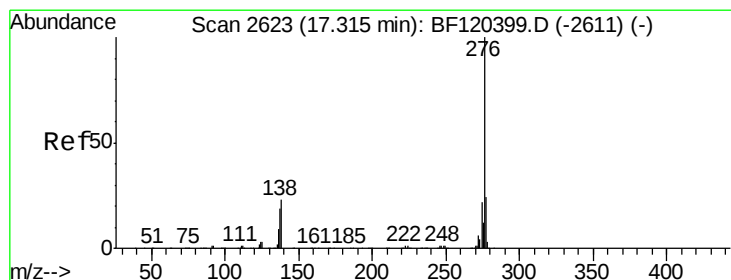
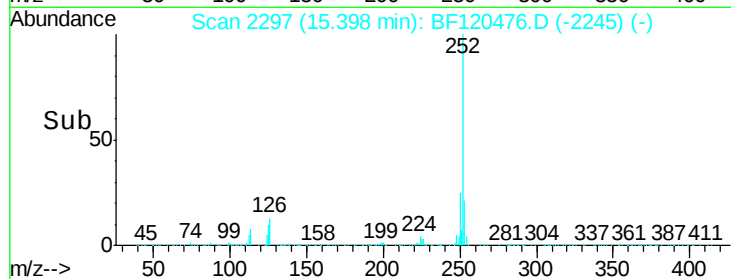
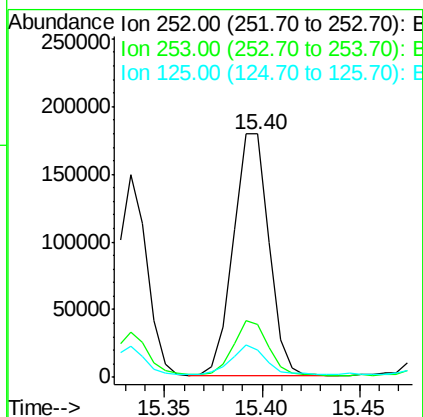
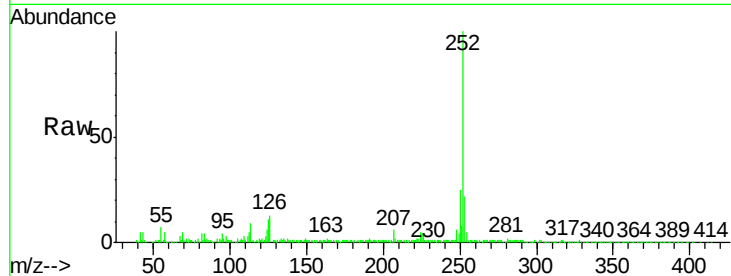
#90
Benzo(a)pyrene
Concen: 9.38 ng
RT: 15.40 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-2020-0-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	17.4	26.0
125	11.0	8.7	13.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.37 ng
RT: 17.34 min Scan# 2627
Delta R.T. 0.01 min
Lab File: BF120476.D
Acq: 1 Jun 2020 17:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	19.5	29.3
138	23.0	18.1	27.1

