

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120415.D
 Acq On : 28 May 2020 18:33
 Operator : MA/SJ
 Sample : L2746-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM110-COMP-2020-0-6

Manual Integrations
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Quant Time: May 29 04:17:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	239718	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	855847	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	400204	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	683873	20.00	ng	0.00
76) Chrysene-d12	13.99	240	547905	20.00	ng	0.00
86) Perylene-d12	15.44	264	557615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1093621	86.94	ng	0.00
7) Phenol-d6	6.46	99	1336256	86.19	ng	0.00
23) Nitrobenzene-d5	7.40	82	847624	64.78	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	334511	90.21	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1575437	66.79	ng	0.00
79) Terphenyl-d14	12.94	244	1516033	61.57	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	280869	11.23	ng	99
71) Phenanthrene	11.38	178	311428	10.33	ng	97
72) Anthracene	11.43	178	79365	2.63	ng	99
75) Fluoranthene	12.57	202	548709	16.92	ng	98
78) Pyrene	12.80	202	507654	13.32	ng	98
81) Benzo(a)anthracene	13.98	228	271016	9.23	ng	96
83) Chrysene	14.02	228	249264	8.10	ng	97
87) Indeno(1,2,3-cd)pyrene	16.88	276	149589	4.90	ng	95
88) Benzo(b)fluoranthene	15.02	252	342598m	11.06	ng	
89) Benzo(k)fluoranthene	15.04	252	111323m	3.85	ng	
90) Benzo(a)pyrene	15.38	252	237828	8.78	ng	98
92) Benzo(g,h,i)perylene	17.31	276	138671	5.65	ng	99

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

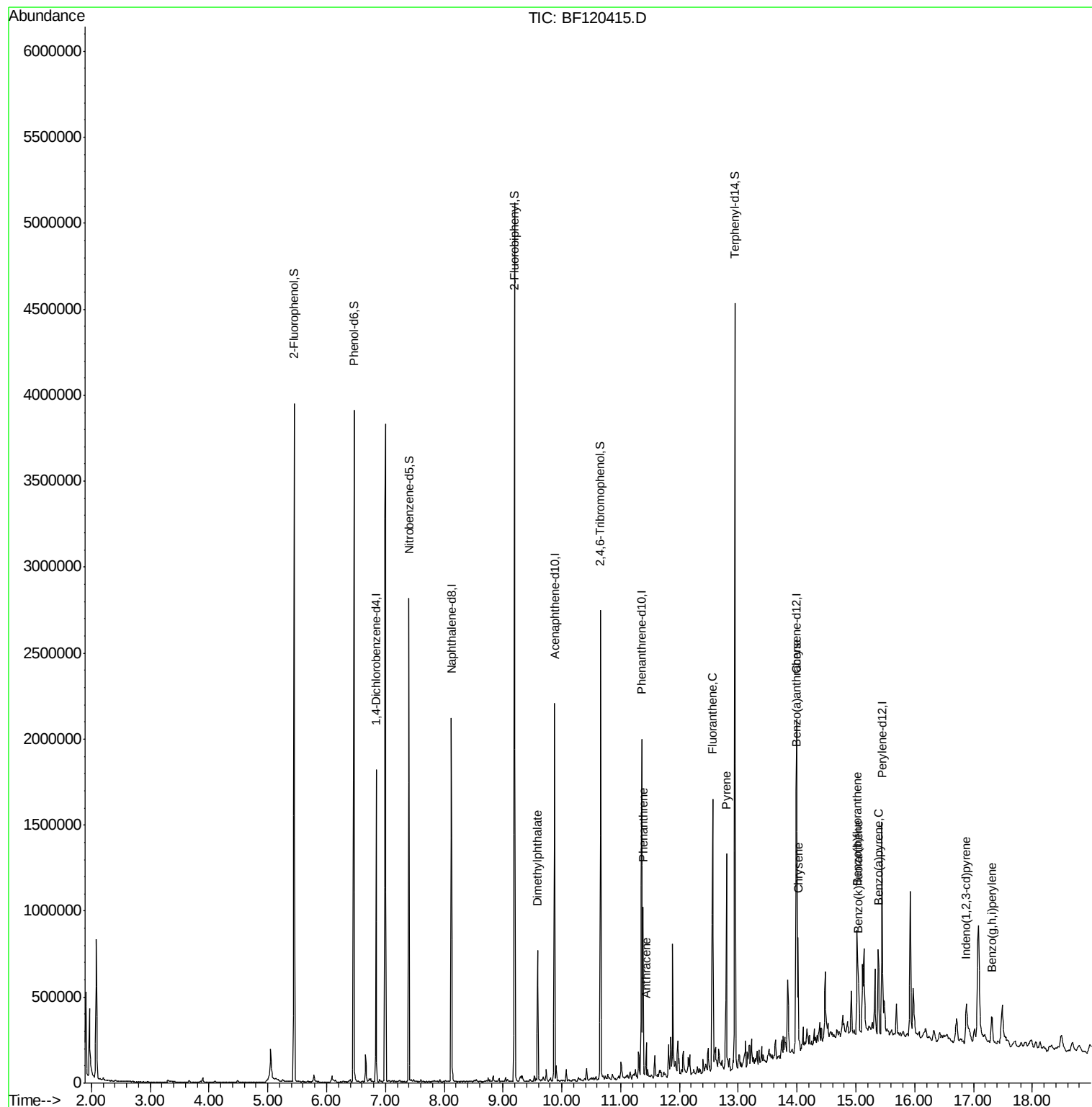
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
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Operator : MA/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

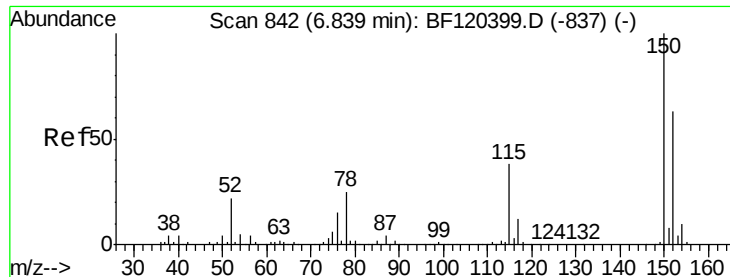
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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#1

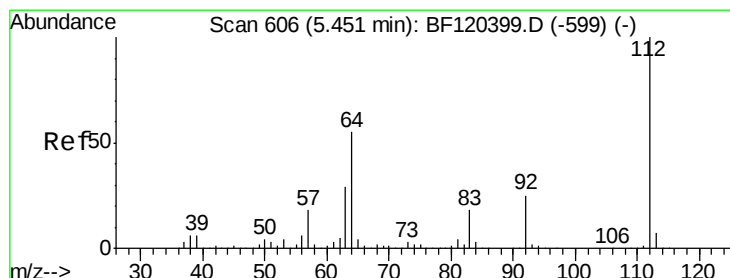
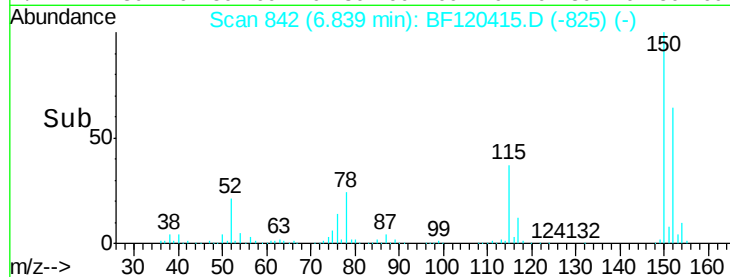
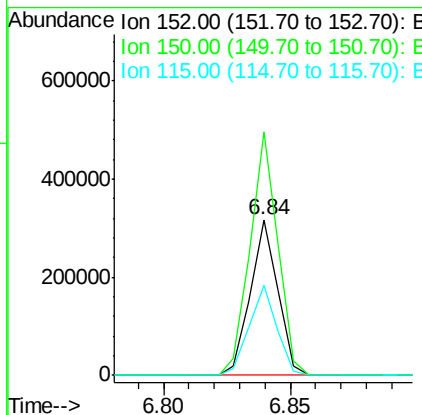
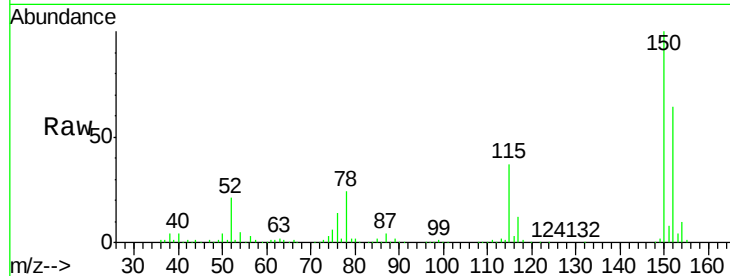
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Instrument :
BNA_F
ClientSampleId :
NM110-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.5	189.7
115	57.8	47.6	71.4

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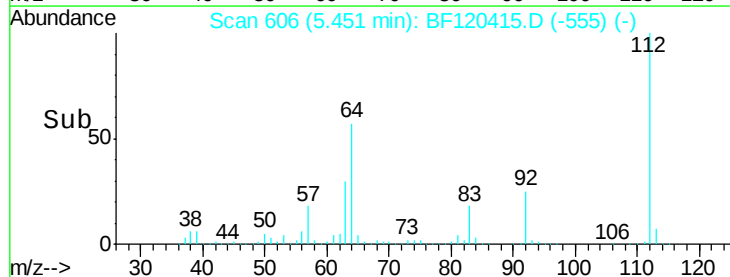
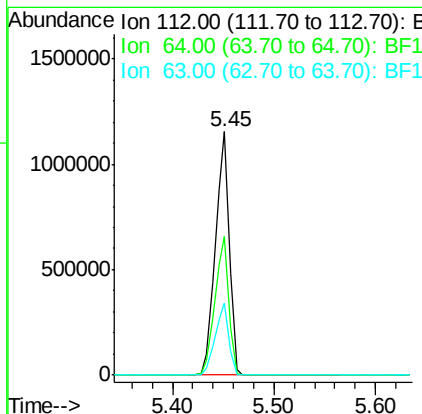
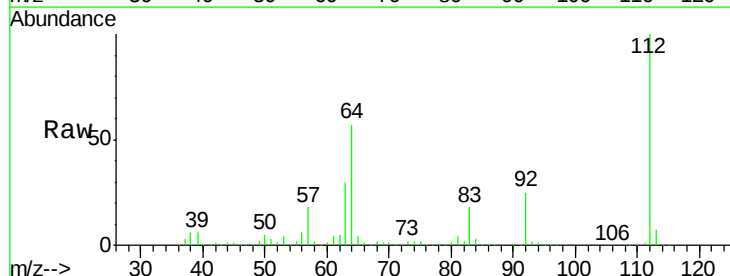
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#5

2-Fluorophenol
Concen: 86.94 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.3	66.5
63	29.5	22.9	34.3





#7

Phenol-d6

Concen: 86.19 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120415.D

Acq: 28 May 2020 18:33

Instrument :

BNA_F

ClientSampleId :

NM110-COMP-2020-0-6

Tgt Ion: 99 Resp: 1336256

Ion Ratio Lower Upper

99 100

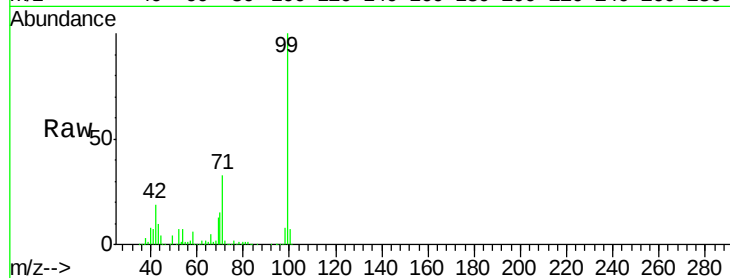
42 19.0 15.2 22.8

71 33.2 25.6 38.4

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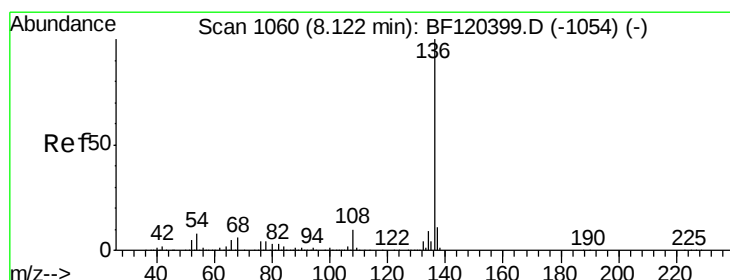
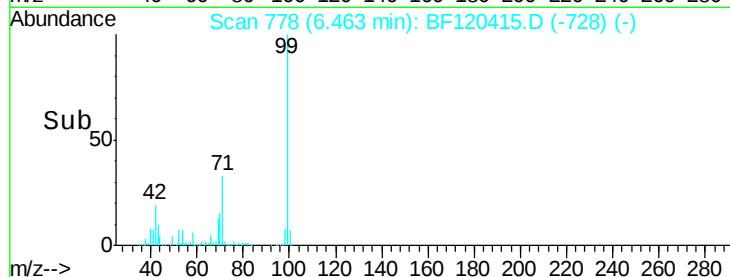
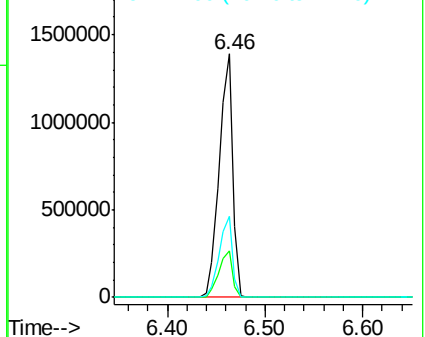
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF120415.D

Acq: 28 May 2020 18:33

Tgt Ion: 136 Resp: 855847

Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.7 6.7 10.1

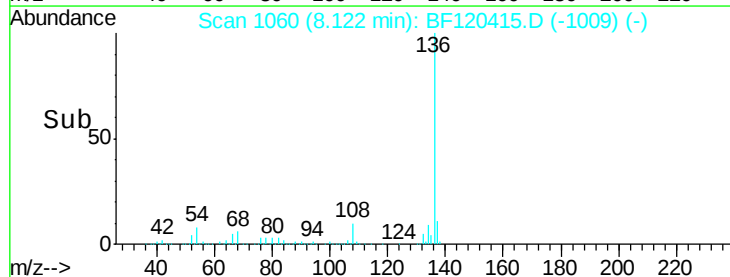
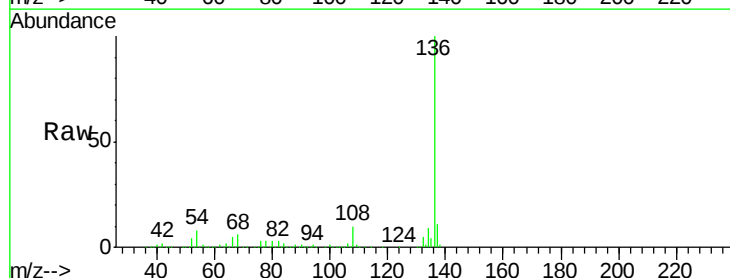
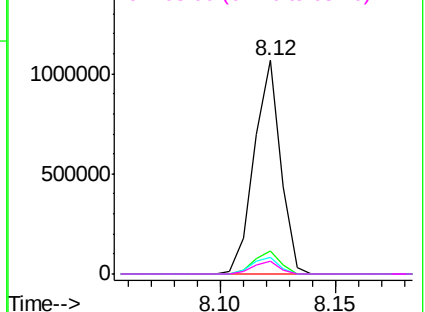
68 6.1 5.0 7.4

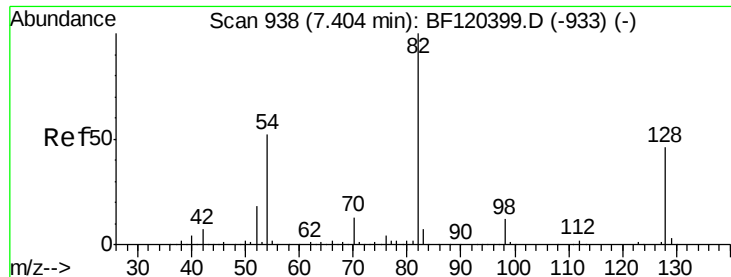
Abundance Ion 136.00 (135.70 to 136.70): E

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





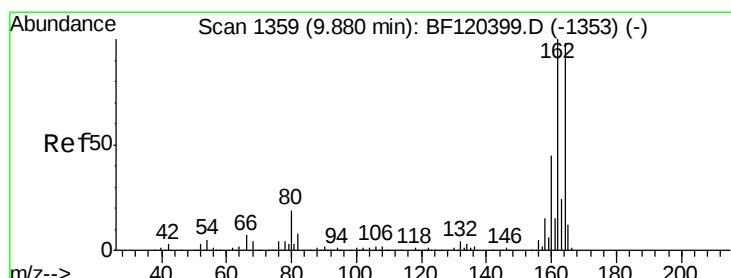
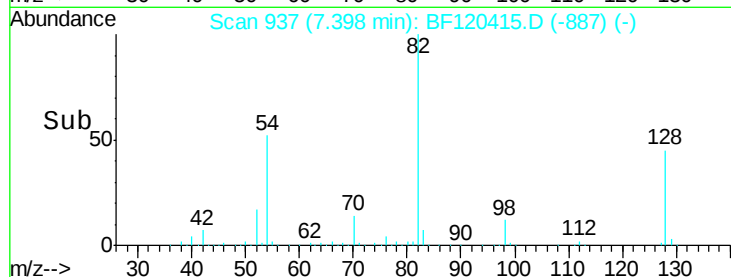
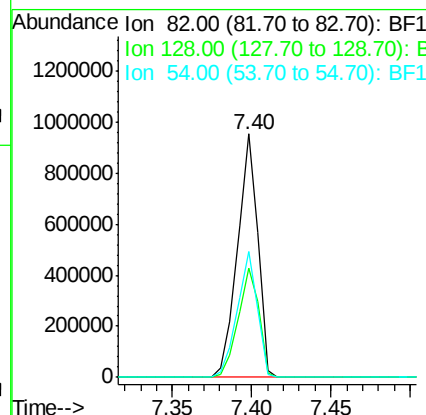
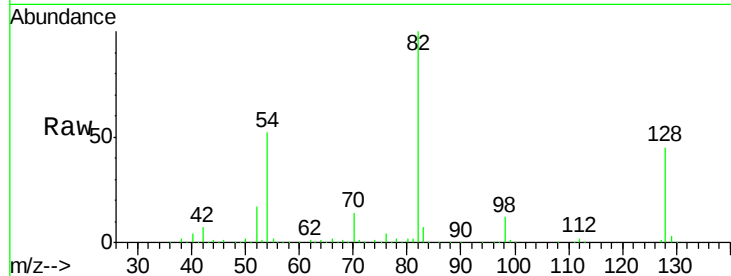
#23
Nitrobenzene-d5
Concen: 64.78 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Instrument :
BNA_F
ClientSampleId :
NM110-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.8	55.2
54	51.9	41.6	62.4

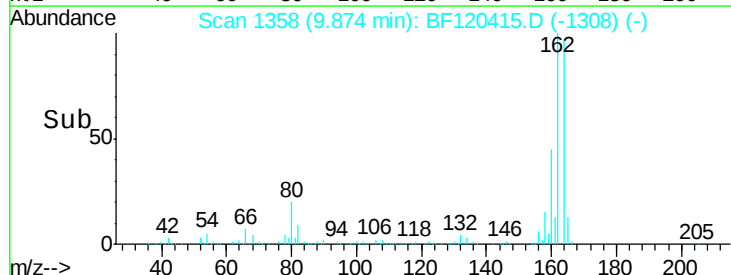
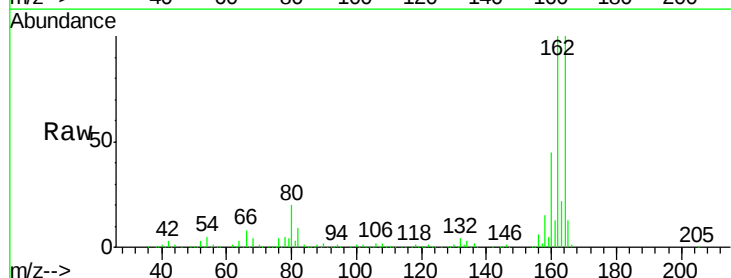
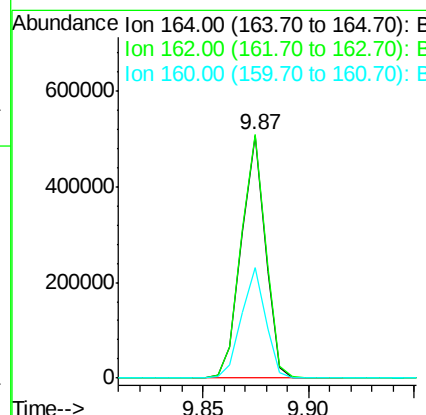
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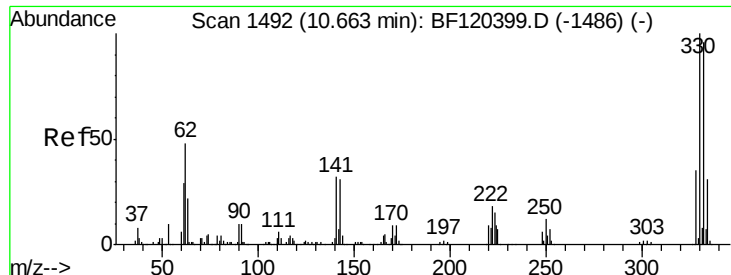
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	45.3	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 90.21 ng

RT: 10.66 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF120415.D

Acq: 28 May 2020 18:33

Instrument :

BNA_F

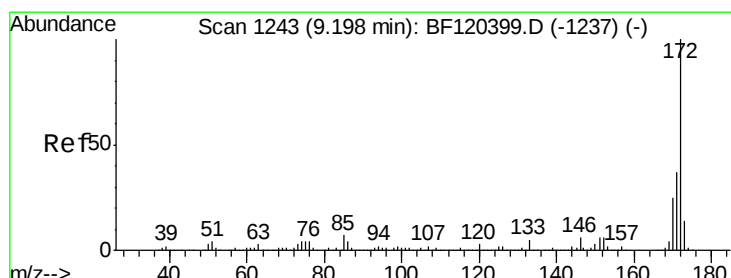
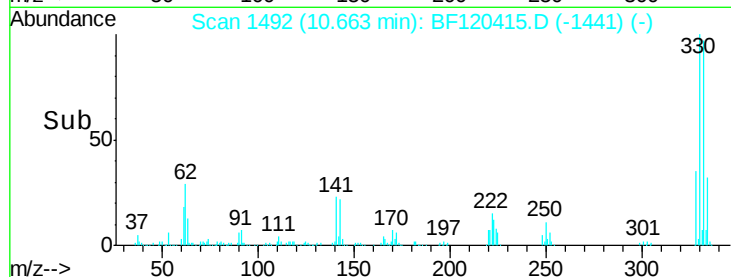
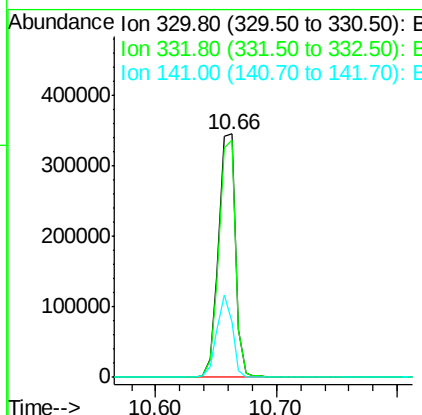
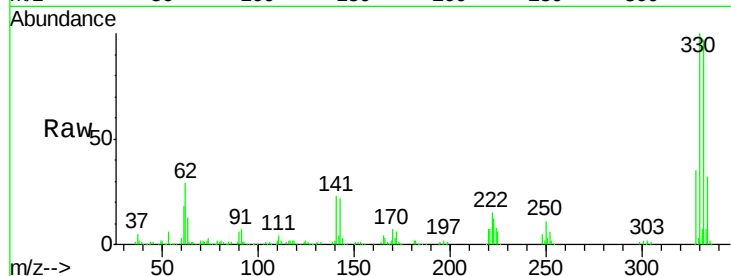
ClientSampleId :

NM110-COMP-2020-0-6

Tgt Ion:	330	Resp:	334511
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	31.1	25.3	37.9

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#45

2-Fluorobiphenyl

Concen: 66.79 ng

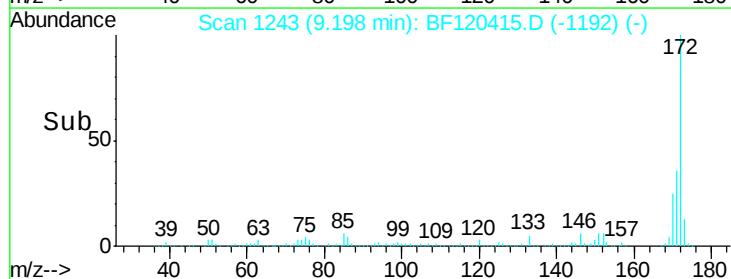
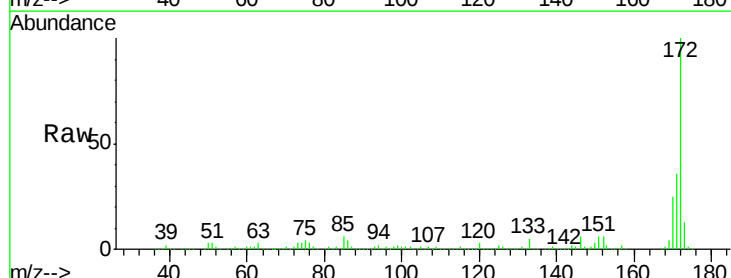
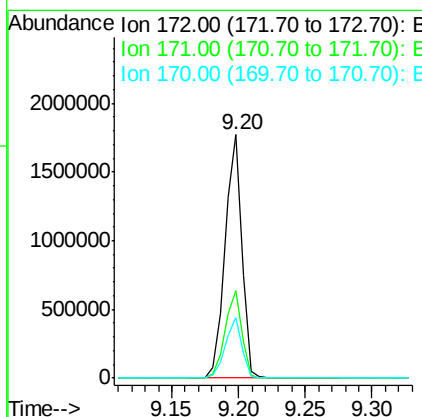
RT: 9.20 min Scan# 1243

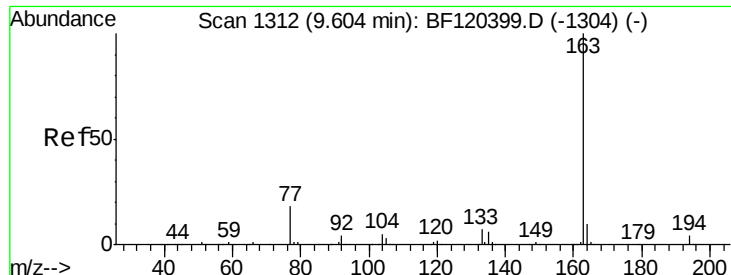
Delta R.T. 0.00 min

Lab File: BF120415.D

Acq: 28 May 2020 18:33

Tgt Ion:	172	Resp:	1575437
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.7	19.9	29.9





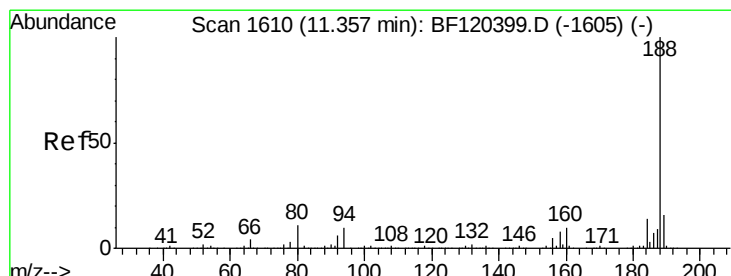
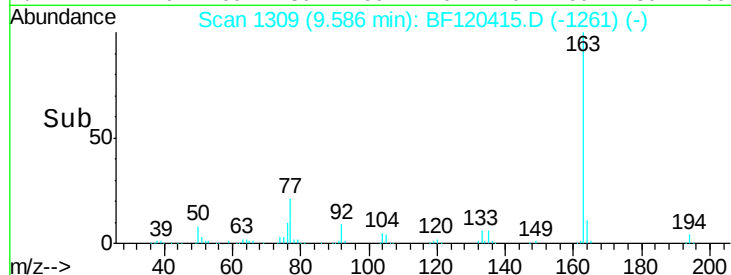
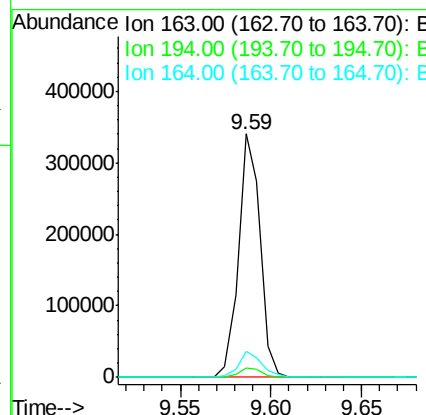
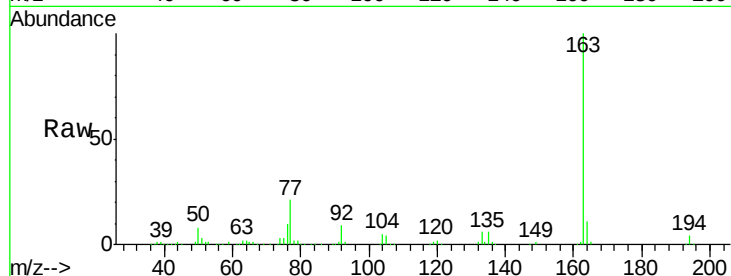
#50
Dimethylphthalate
Concen: 11.23 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Instrument :
BNA_F
ClientSampleId :
NM110-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	280869		
194	3.8		3.3	4.9
164	10.5		8.3	12.5

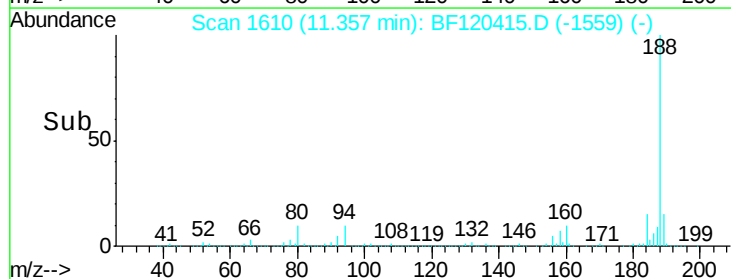
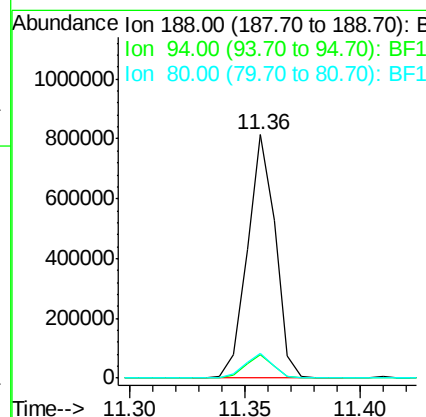
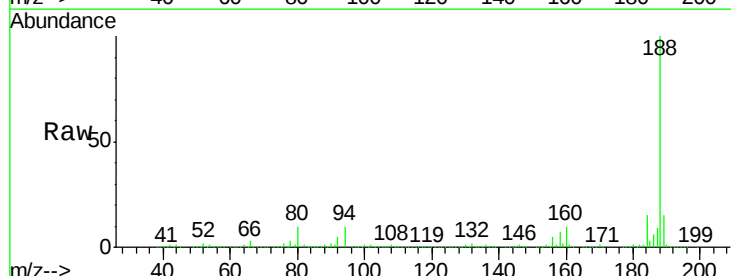
Manual Integrations
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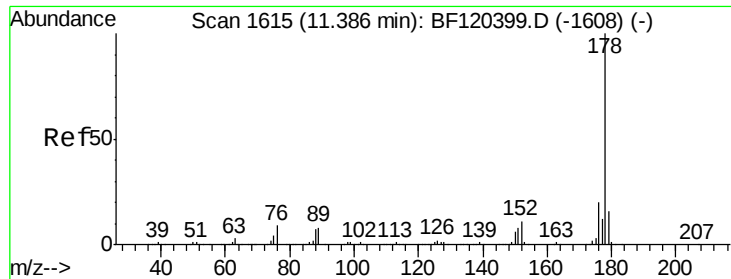
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	683873		
94	9.5		7.9	11.9
80	10.2		8.6	13.0





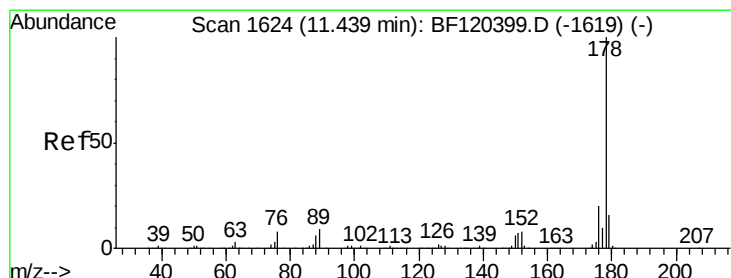
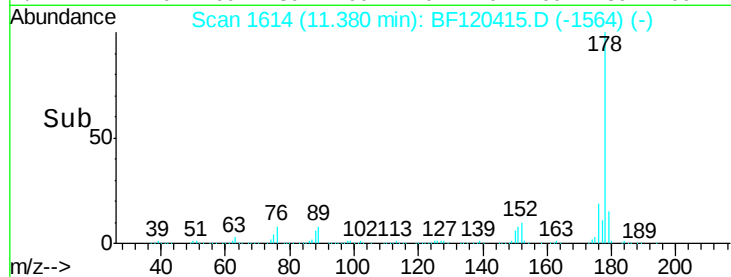
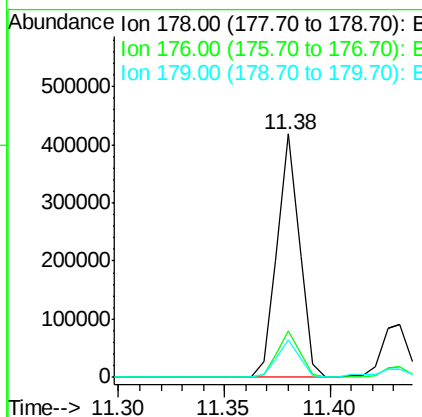
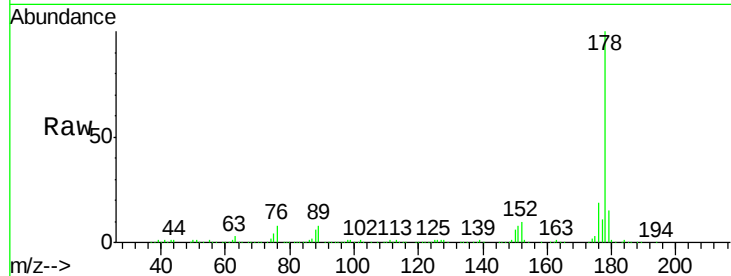
#71
 Phenanthrene
 Concen: 10.33 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF120415.D
 Acq: 28 May 2020 18:33

Instrument :
 BNA_F
 ClientSampleId :
 NM110-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	15.4	13.0	19.4

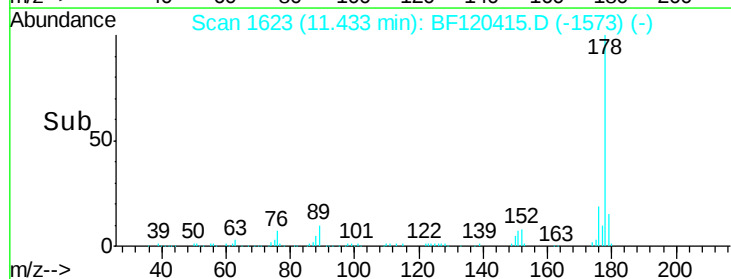
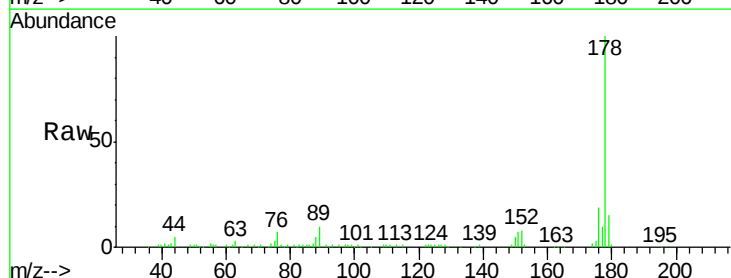
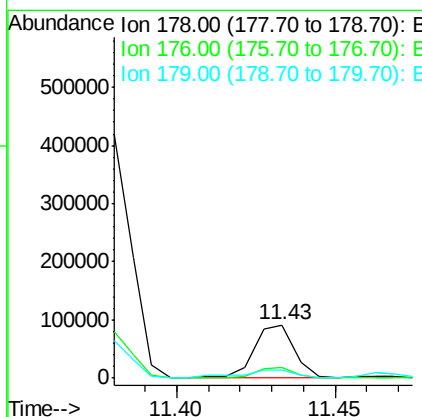
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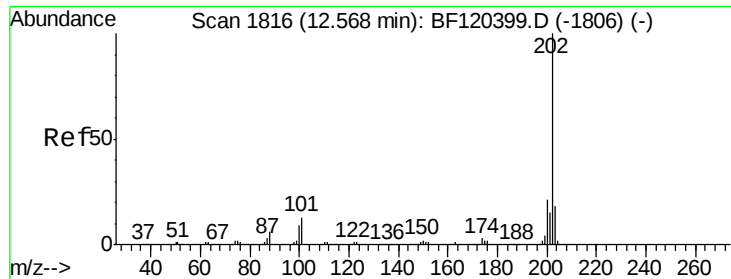
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#72
 Anthracene
 Concen: 2.63 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF120415.D
 Acq: 28 May 2020 18:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.4	12.8	19.2





#75

Fluoranthene

Concen: 16.92 ng

RT: 12.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF120415.D

Acq: 28 May 2020 18:33

Instrument :

BNA_F

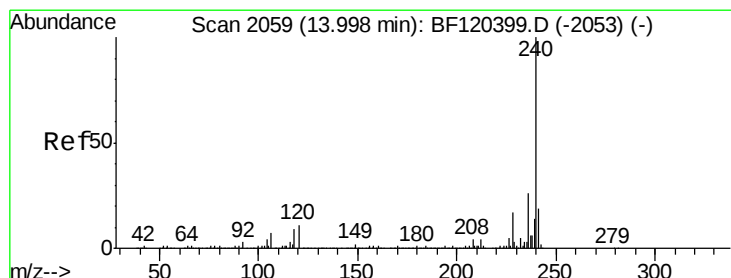
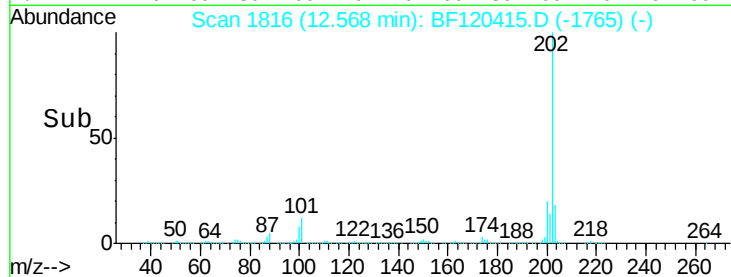
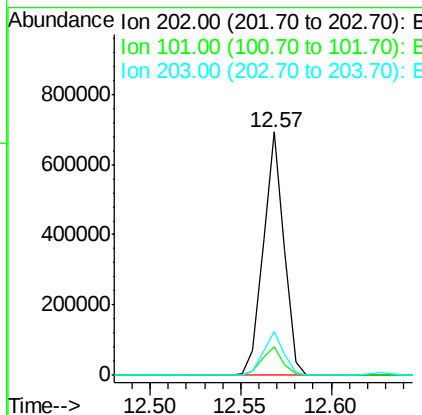
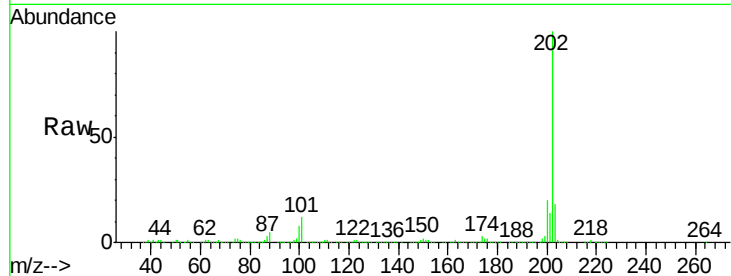
ClientSampleId :

NM110-COMP-2020-0-6

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		548709		
101	11.5	0.0	32.6		
203	17.9	0.0	38.4		

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#76

Chrysene-d12

Concen: 20.00 ng

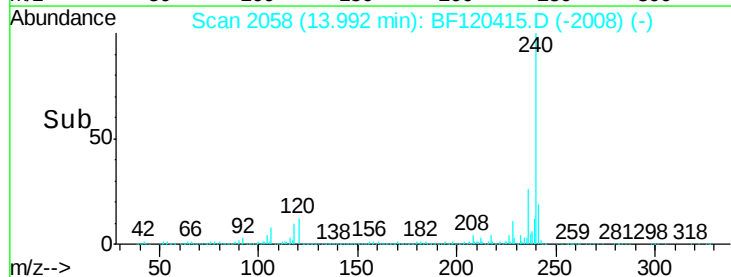
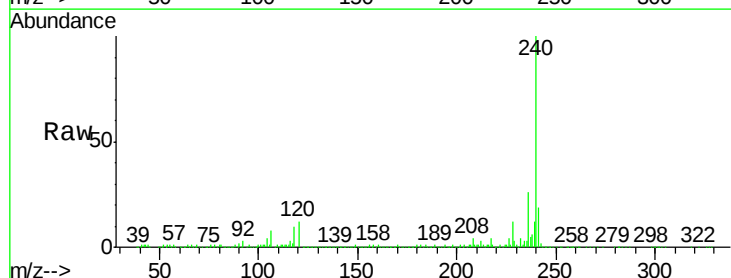
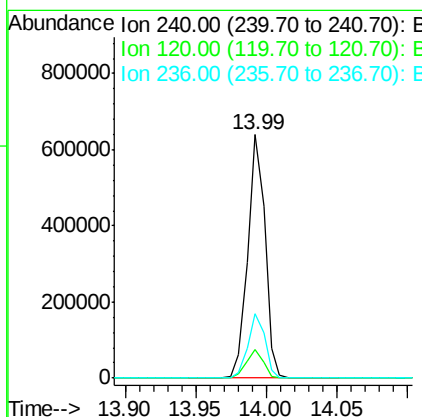
RT: 13.99 min Scan# 2058

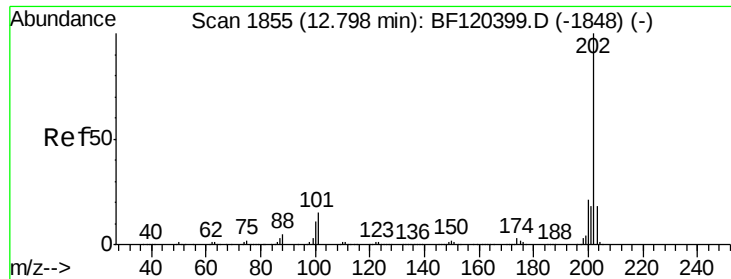
Delta R.T. -0.01 min

Lab File: BF120415.D

Acq: 28 May 2020 18:33

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		547905		
120	11.9	8.8	13.2		
236	26.3	21.0	31.4		





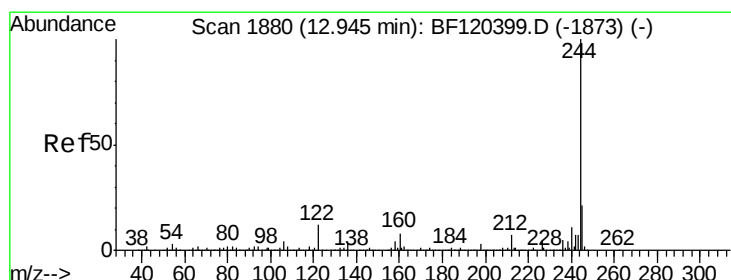
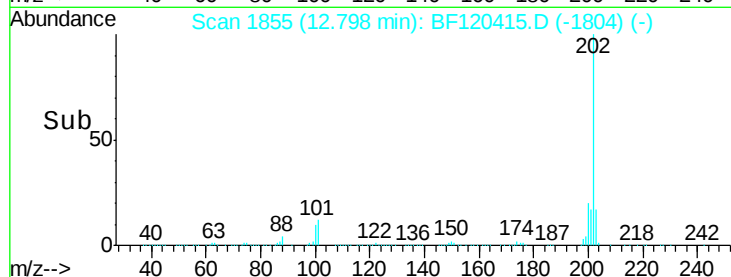
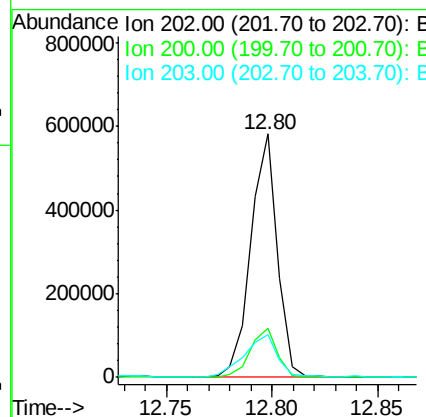
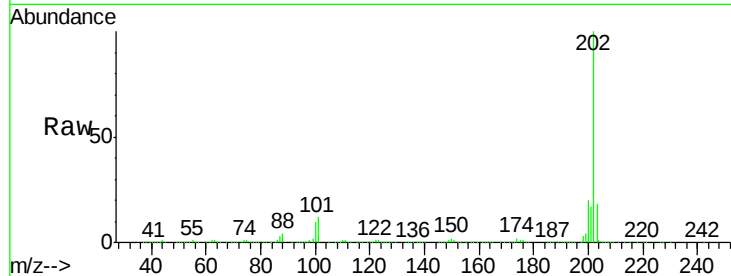
#78
Pyrene
Concen: 13.32 ng
RT: 12.80 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Instrument :
BNA_F
ClientSampleId :
NM110-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	507654		
200	20.2	17.0	25.4	
203	17.5	14.7	22.1	

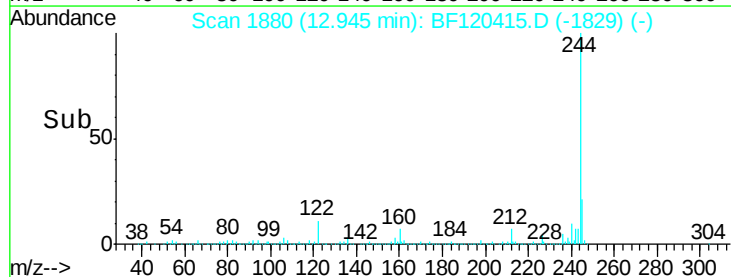
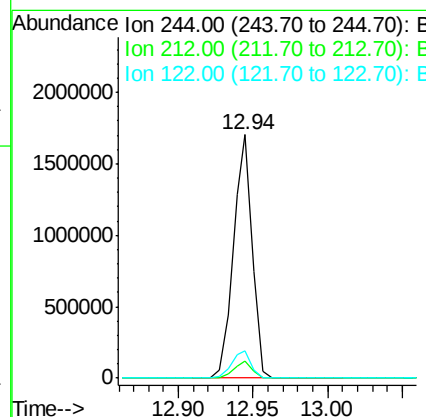
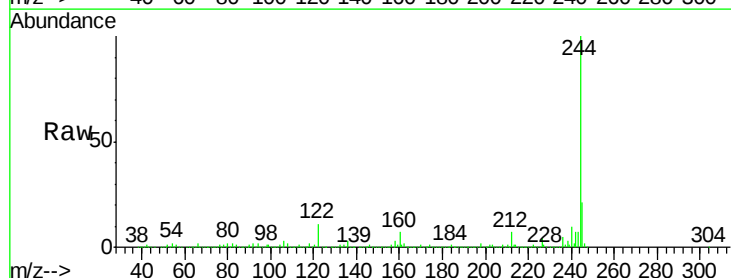
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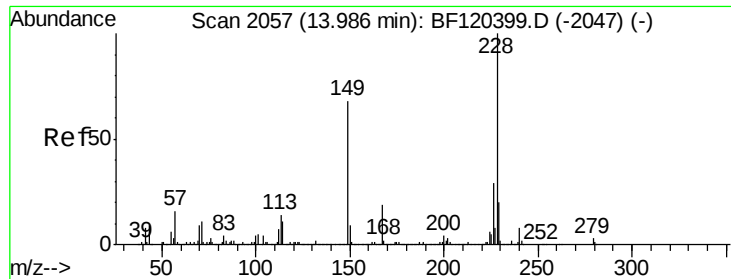
mohammad
5/29/2020 10:28:12 PM



#79
Terphenyl-d14
Concen: 61.57 ng
RT: 12.94 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1516033		
212	6.8	5.9	8.9	
122	11.0	9.2	13.8	





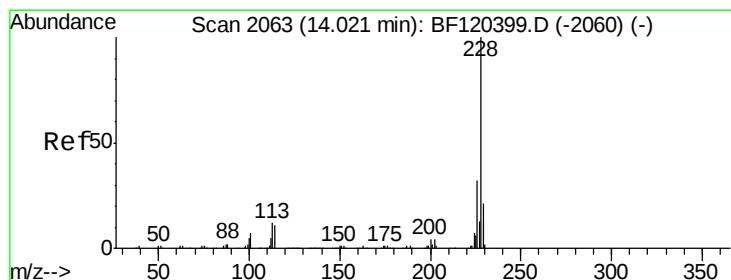
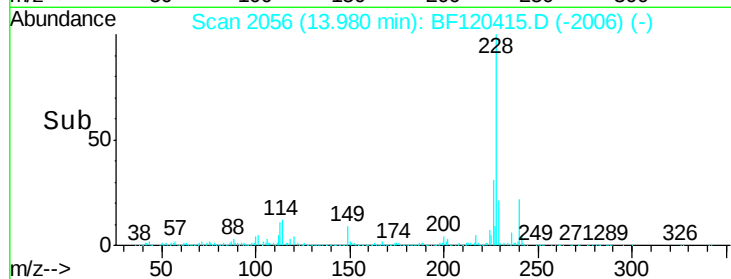
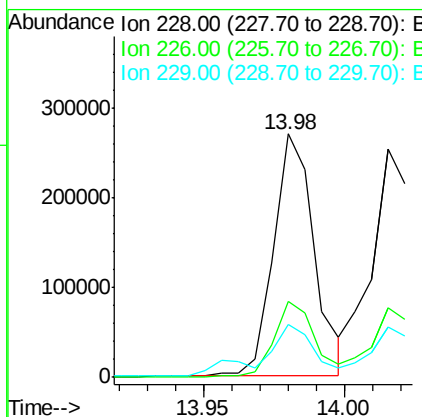
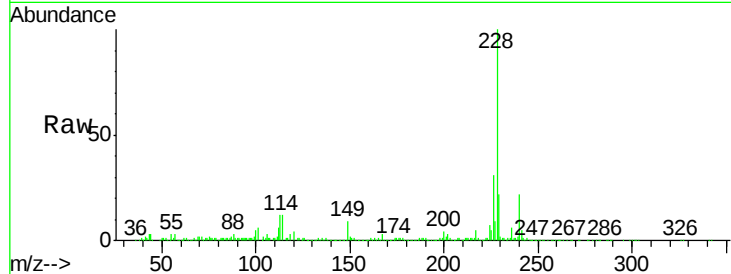
#81
Benzo(a)anthracene
Concen: 9.23 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Instrument :
BNA_F
ClientSampleId :
NM110-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.4
229	21.9	16.2	24.4

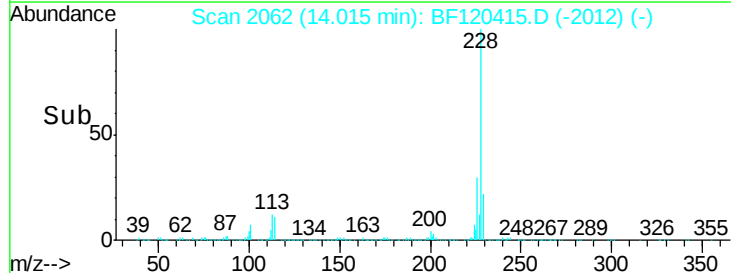
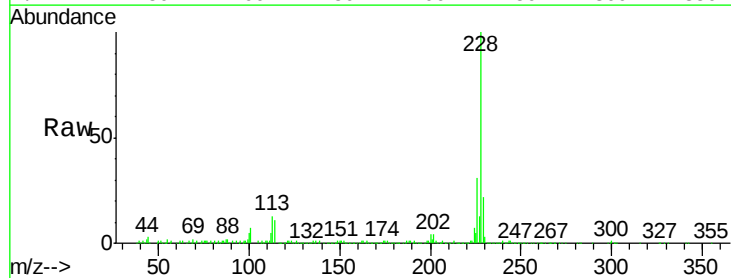
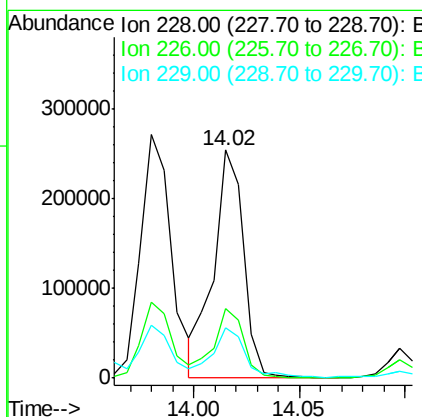
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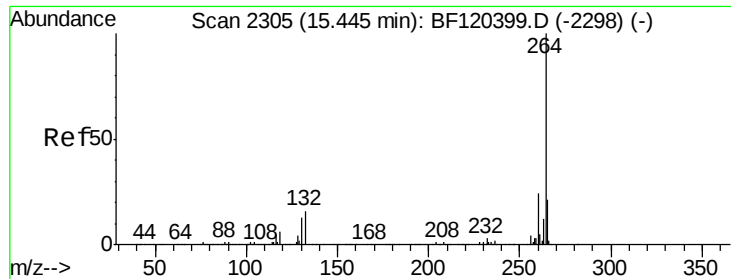
mohammad
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#83
Chrysene
Concen: 8.10 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.6	38.4
229	22.2	16.6	25.0





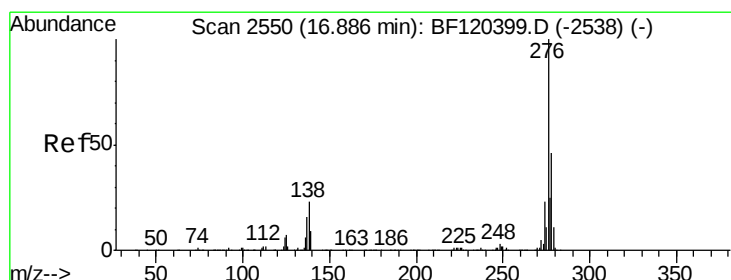
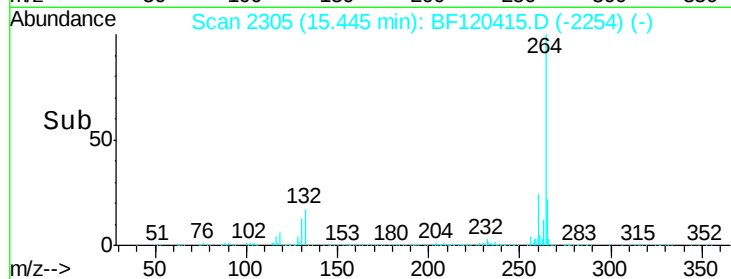
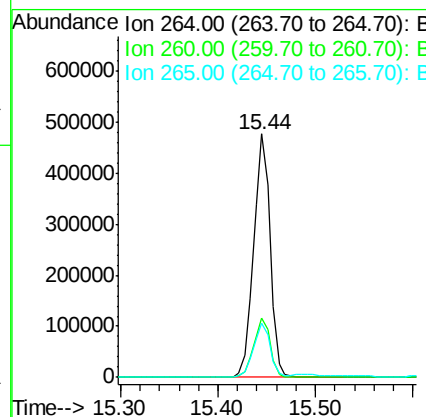
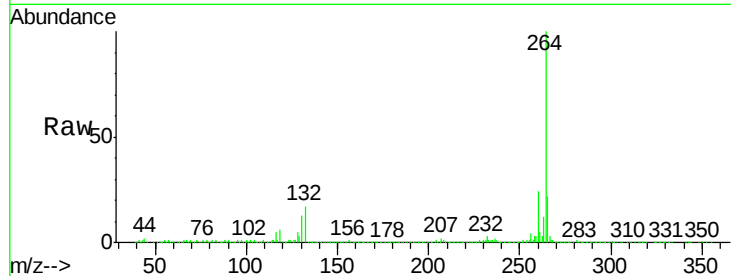
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Instrument :
BNA_F
ClientSampleId :
NM110-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	16.9	25.3

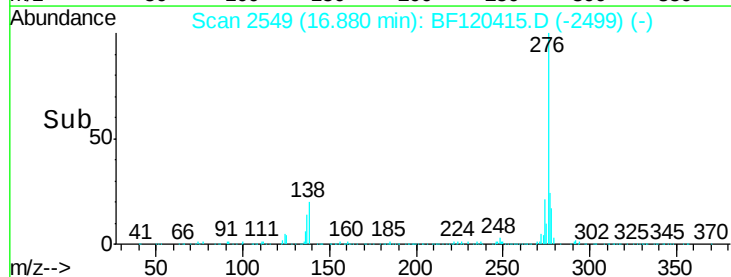
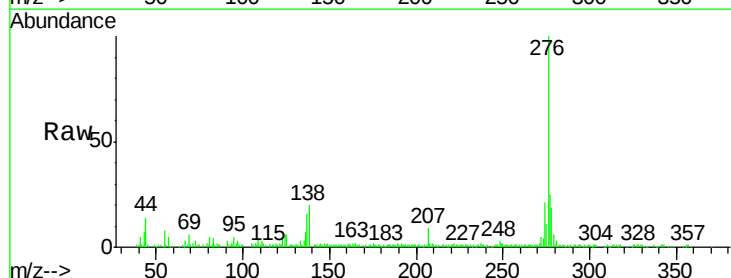
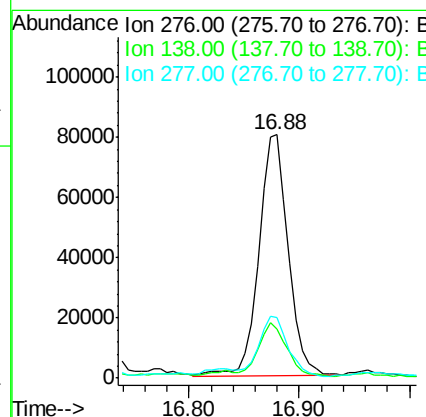
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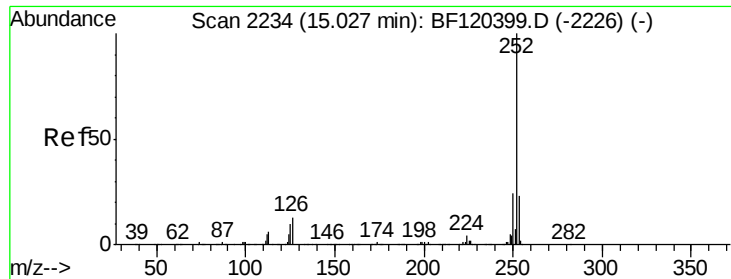
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.90 ng
RT: 16.88 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	20.4	30.6
277	24.8	20.4	30.6





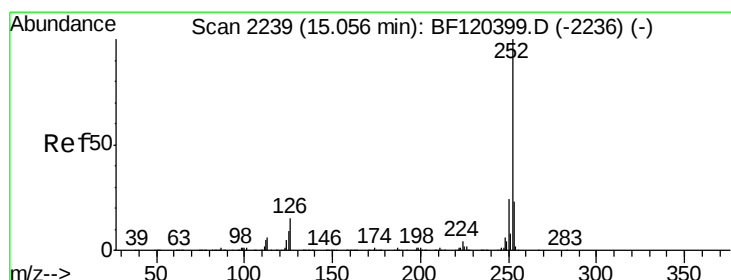
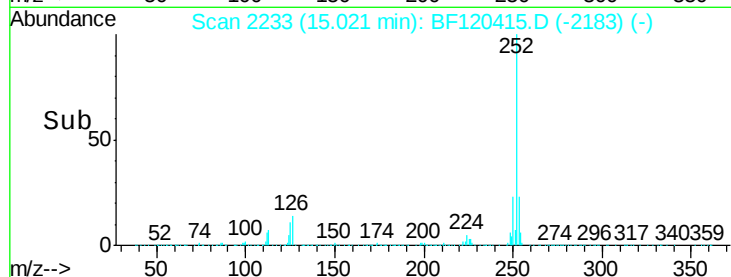
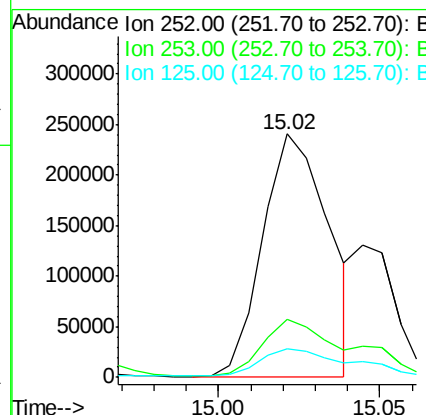
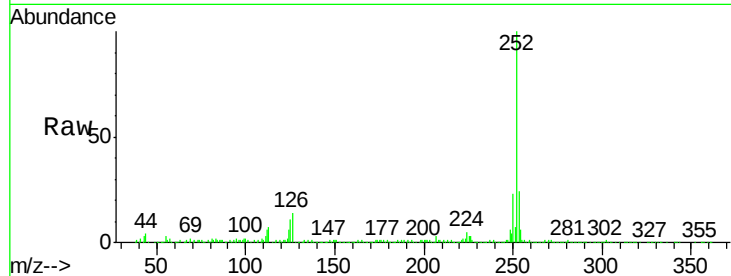
#88
Benzo(b)fluoranthene
Concen: 11.06 ng m
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Instrument :
BNA_F
ClientSampleId :
NM110-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	11.5	7.8	11.8

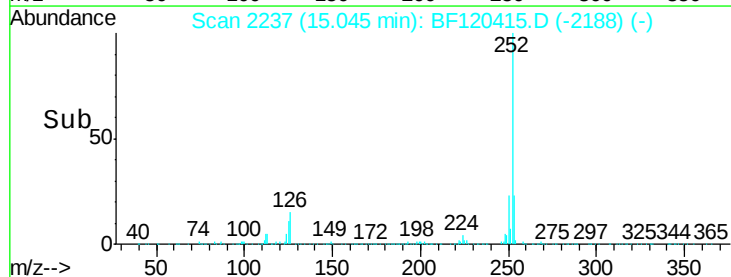
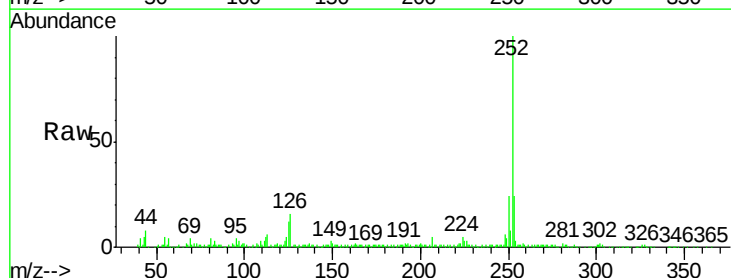
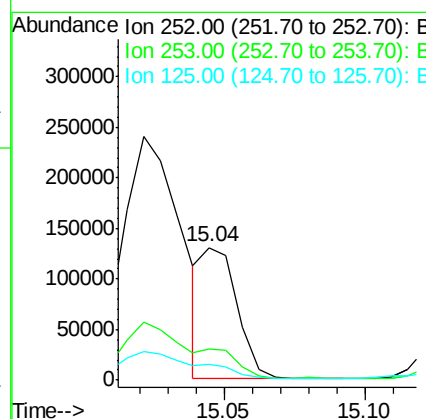
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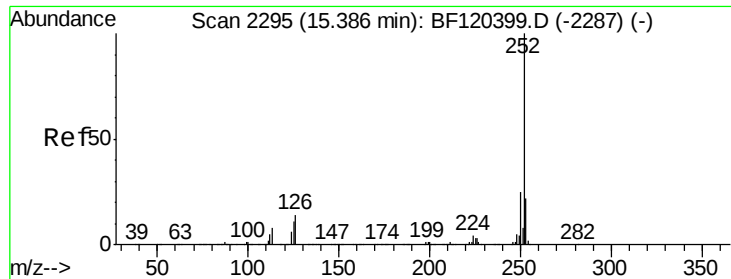
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.85 ng m
RT: 15.04 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.5	27.7
125	12.0	8.0	12.0





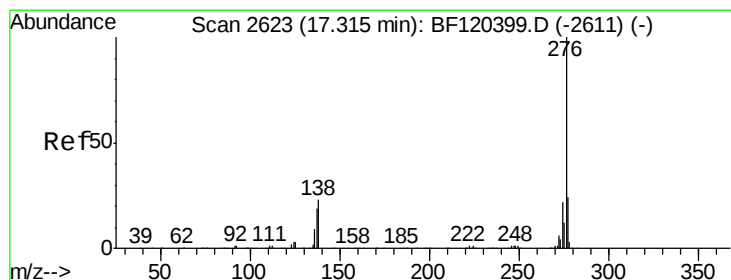
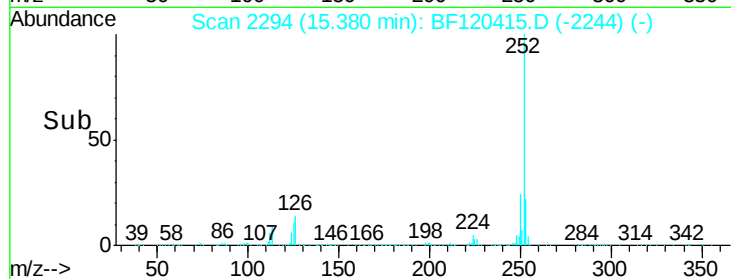
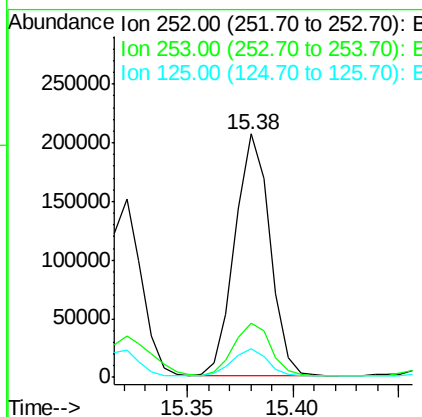
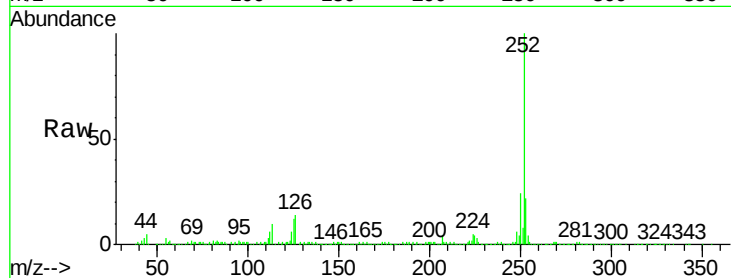
#90
Benzo(a)pyrene
Concen: 8.78 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Instrument :
BNA_F
ClientSampleId :
NM110-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	237828		
253	22.5	17.4	26.0	
125	11.8	8.7	13.1	

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.65 ng
RT: 17.31 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF120415.D
Acq: 28 May 2020 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	138671		
277	23.4	19.5	29.3	
138	22.8	18.1	27.1	

