

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120451.D
 Acq On : 29 May 2020 20:45
 Operator : MA/SJ
 Sample : L2773-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM35-COMP-2020-0-6

Manual Integrations
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Quant Time: May 30 04:33:15 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	294227	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1073070	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	504961	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	796694	20.00	ng	0.00
76) Chrysene-d12	13.99	240	557127	20.00	ng	0.00
86) Perylene-d12	15.44	264	583589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1271215	82.34	ng	0.00
7) Phenol-d6	6.46	99	1703992	89.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	1189661	72.52	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	441414	94.35	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2110622	70.92	ng	0.00
79) Terphenyl-d14	12.94	244	1749262	69.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	306513	9.709	ng	98
71) Phenanthrene	11.38	178	184427	5.254	ng	96
75) Fluoranthene	12.57	202	311666	8.251	ng	96
78) Pyrene	12.80	202	271760	7.014	ng	97
81) Benzo(a)anthracene	13.98	228	146085	4.892	ng	98
83) Chrysene	14.02	228	133686	4.271	ng	95
87) Indeno(1,2,3-cd)pyrene	16.87	276	80263	2.515	ng	# 93
88) Benzo(b)fluoranthene	15.02	252	188451m	5.814	ng	
90) Benzo(a)pyrene	15.38	252	126816	4.473	ng	99
92) Benzo(g,h,i)perylene	17.30	276	73263	2.854	ng	96

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

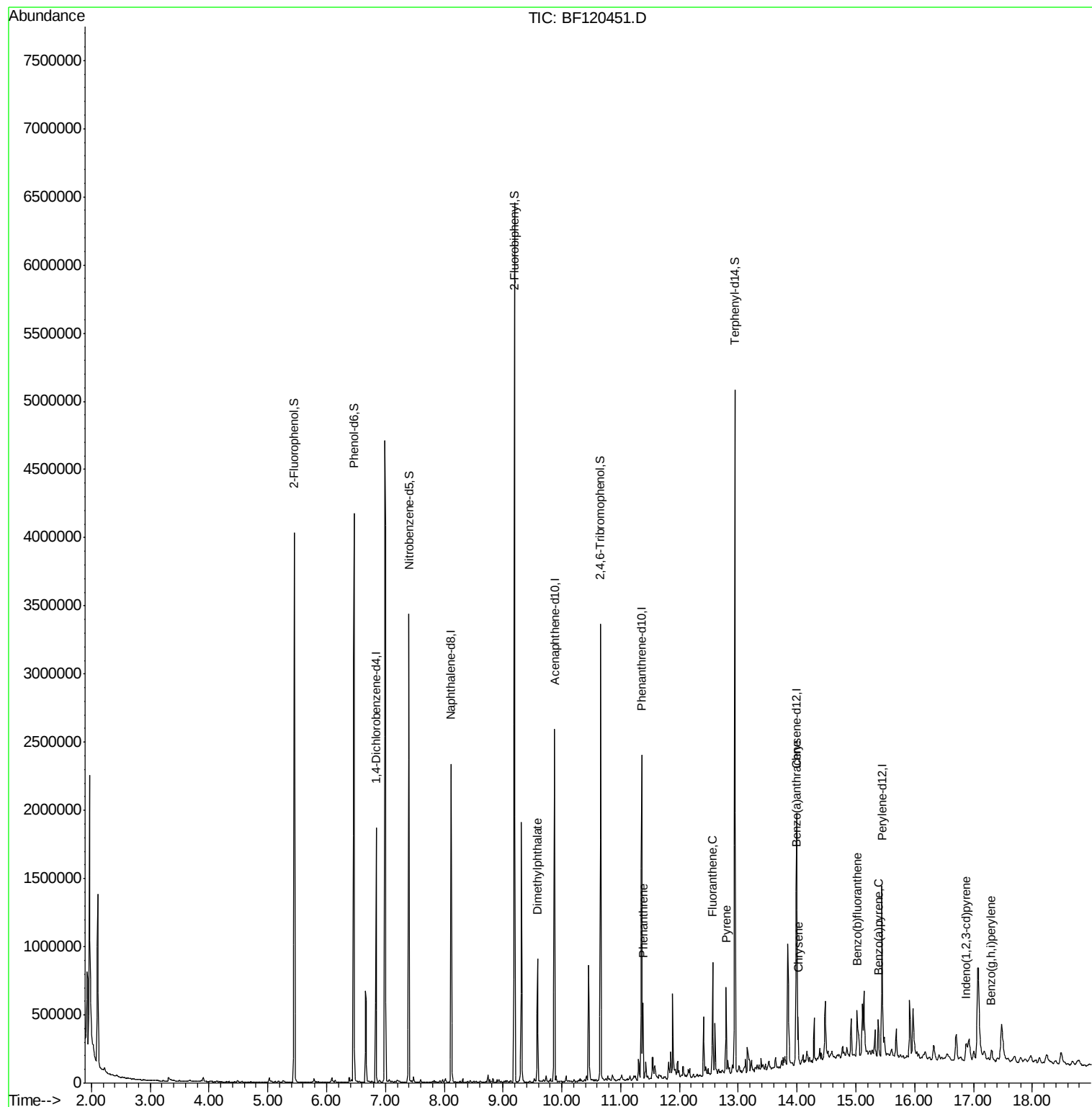
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120451.D
Acq On : 29 May 2020 20:45
Operator : MA/SJ
Sample : L2773-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

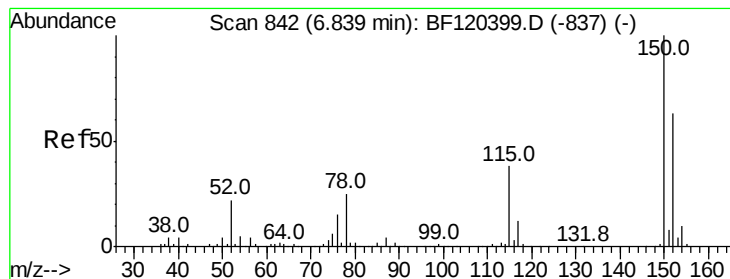
Instrument :
BNA_F
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NM35-COMP-2020-0-6

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Quant Time: May 30 04:33:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

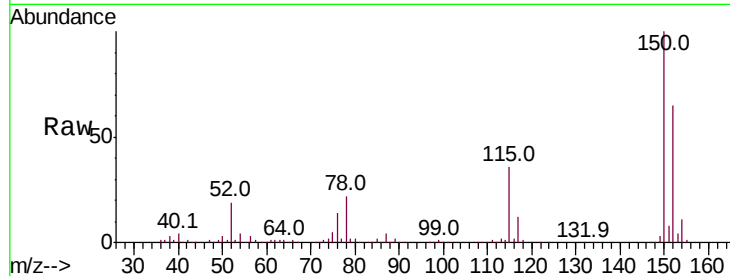
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
NM35-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.5	189.7
115	55.6	47.6	71.4

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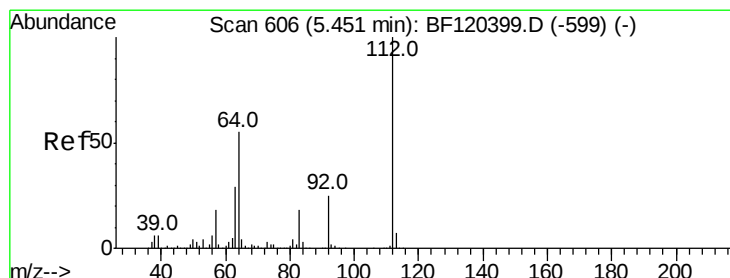
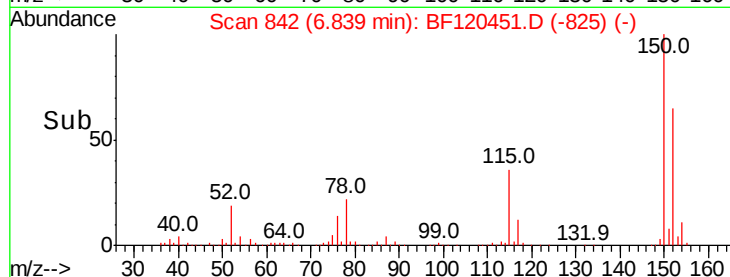
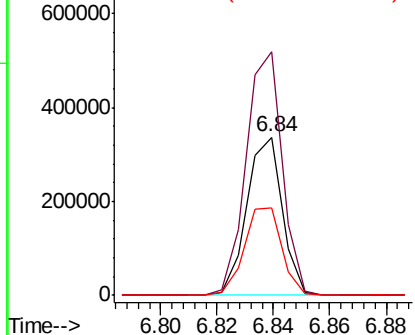


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

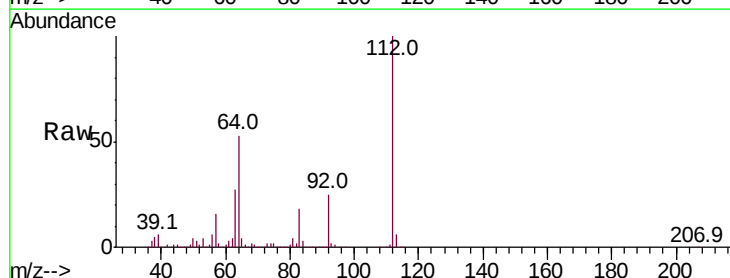
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.338 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	44.3	66.5
63	27.4	22.9	34.3

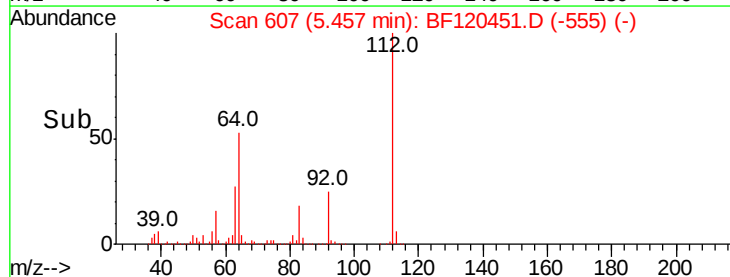
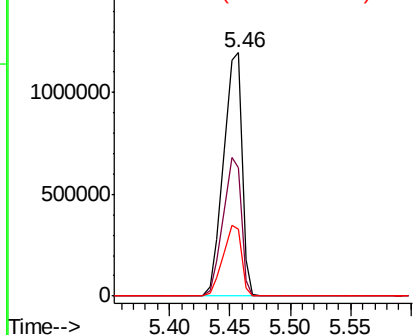


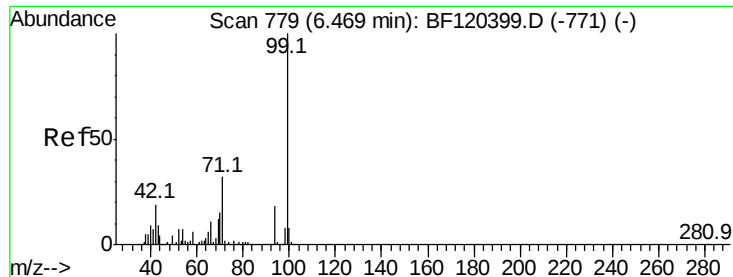
Abundance

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: 89.544 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120451.D

Acq: 29 May 2020 20:45

Instrument :

BNA_F

ClientSampleId :

NM35-COMP-2020-0-6

Tot Ion: 99 Resp: 1703992

Ion Ratio Lower Upper

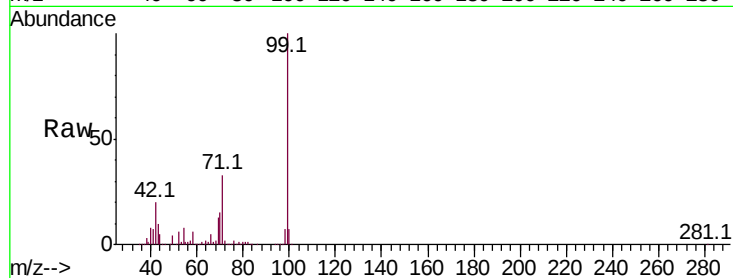
99 100

42 19.6 15.2 22.8

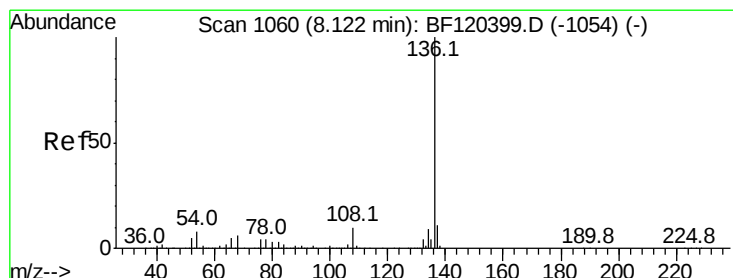
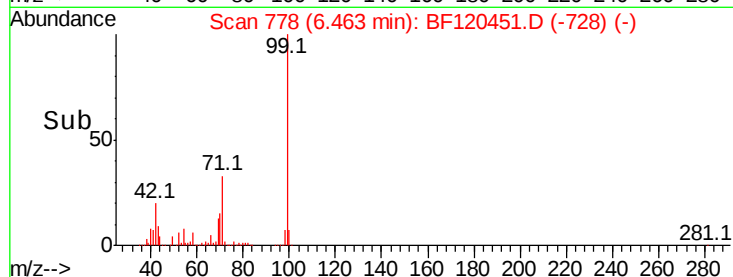
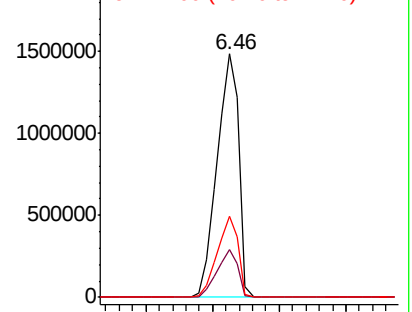
71 33.2 25.6 38.4

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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120451.D

Acq: 29 May 2020 20:45

Tgt Ion: 136 Resp: 1073070

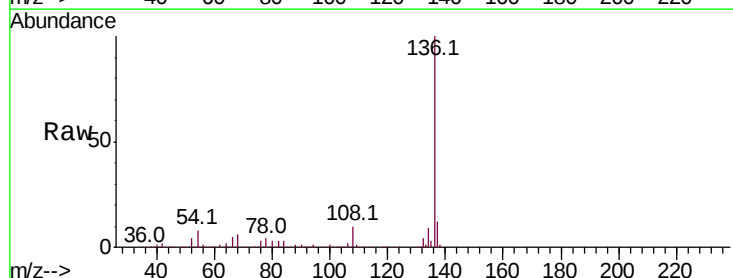
Ion Ratio Lower Upper

136 100

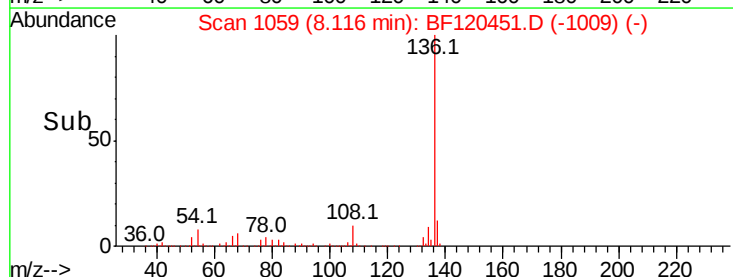
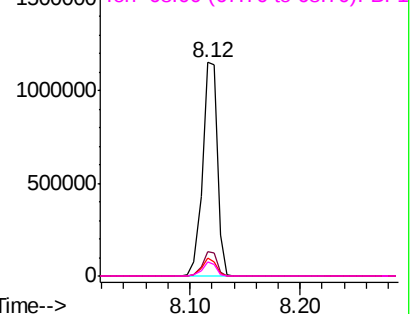
137 11.5 9.1 13.7

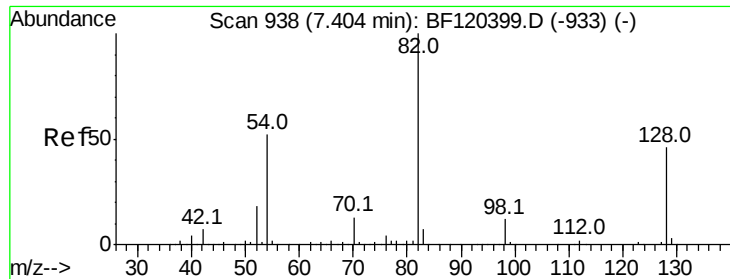
54 8.4 6.7 10.1

68 6.4 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





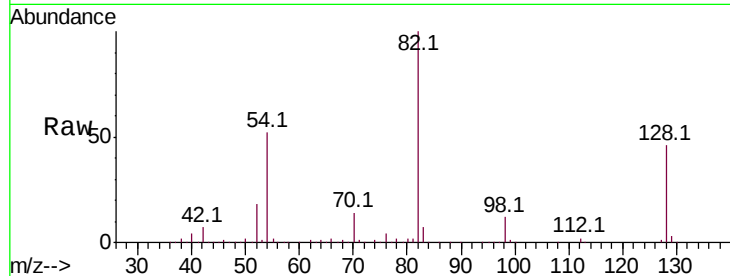
#23
 Nitrobenzene-d5
 Concen: 72.520 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120451.D
 Acq: 29 May 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 NM35-COMP-2020-0-6

Tot Ion	82	Resp	1189661
Ion Ratio	100	Lower	Upper
128	46.3	36.8	55.2
54	52.3	41.6	62.4

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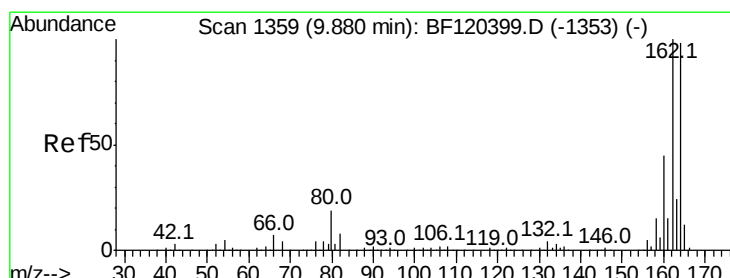
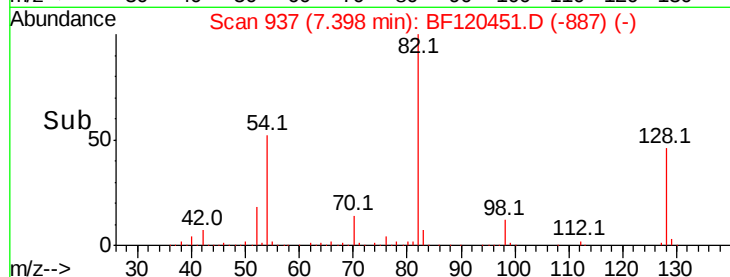
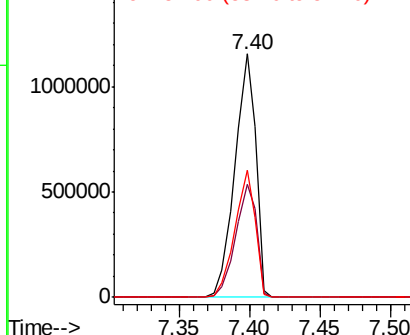


Abundance

Ion 82.00 (81.70 to 82.70): BF1

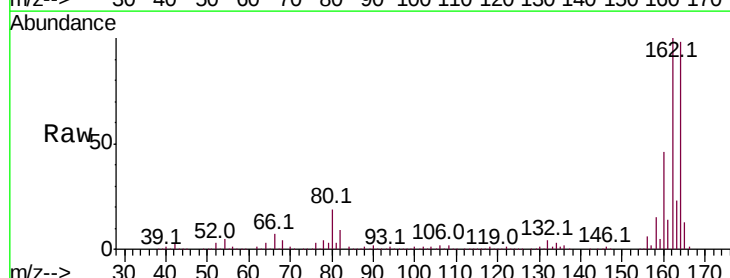
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF120451.D
 Acq: 29 May 2020 20:45

Tgt Ion	164	Resp	504961
Ion Ratio	100	Lower	Upper
162	101.9	81.3	121.9
160	46.4	36.9	55.3

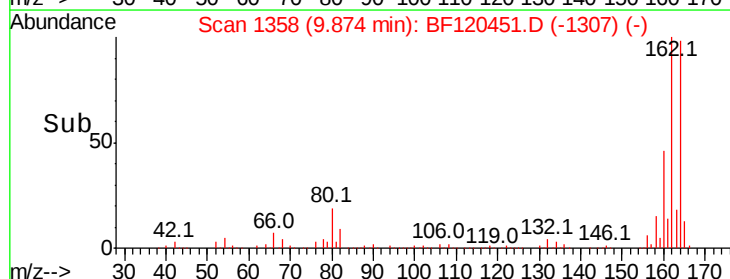
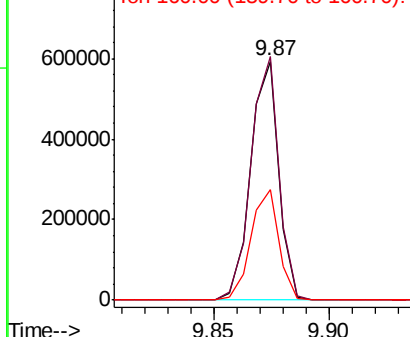


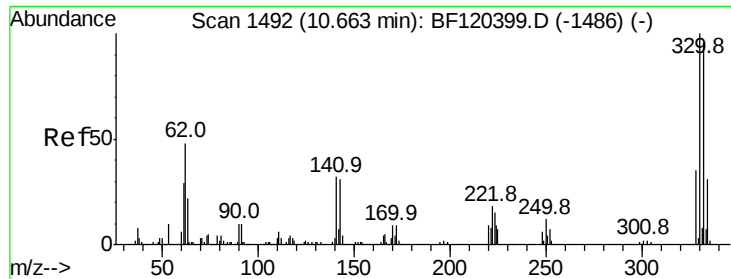
Abundance

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





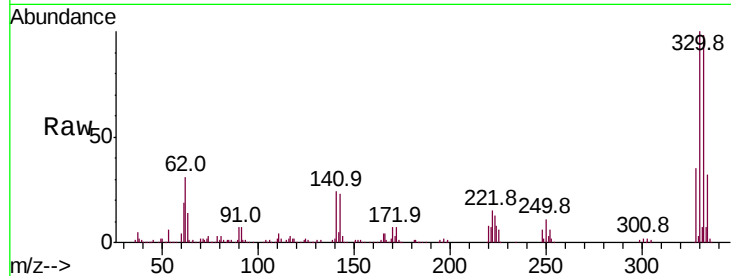
#42
 2,4,6-Tribromophenol
 Concen: 94.346 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF120451.D
 Acq: 29 May 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 NM35-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.7	25.3	37.9

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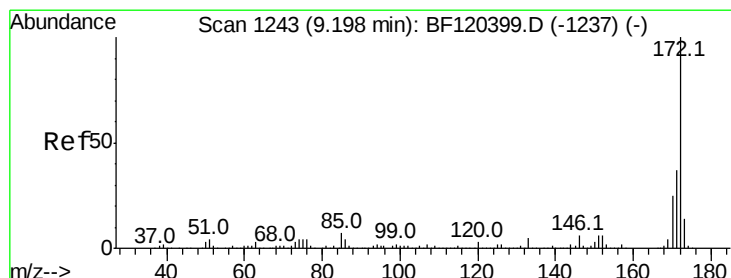
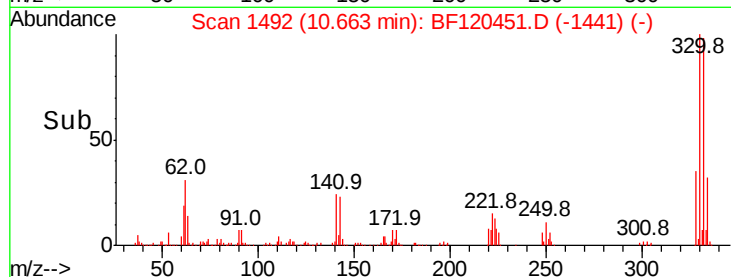
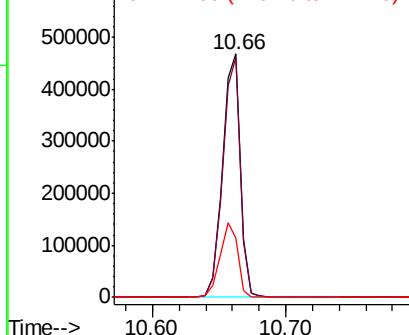


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.918 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120451.D
 Acq: 29 May 2020 20:45

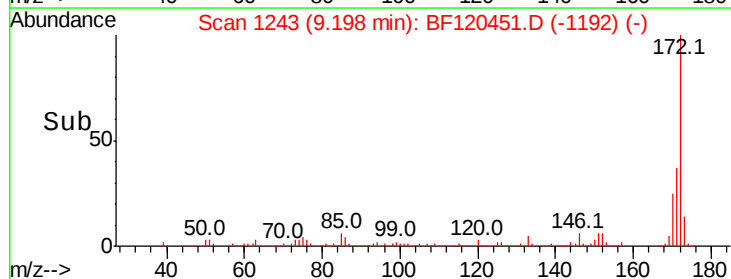
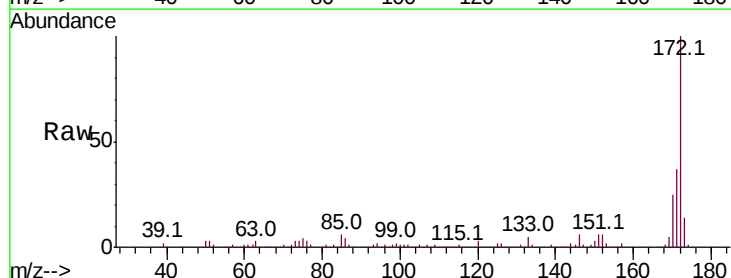
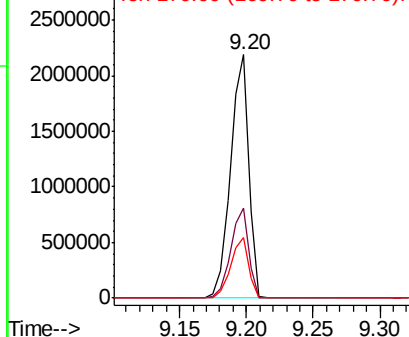
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.0	19.9	29.9

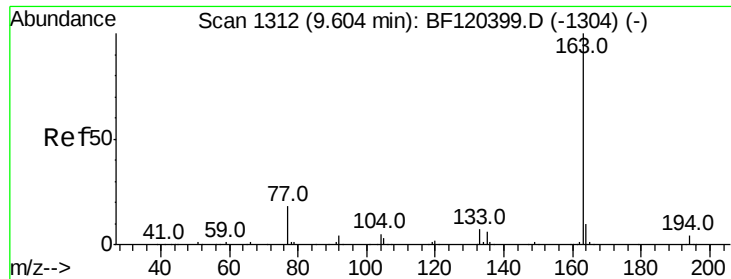
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





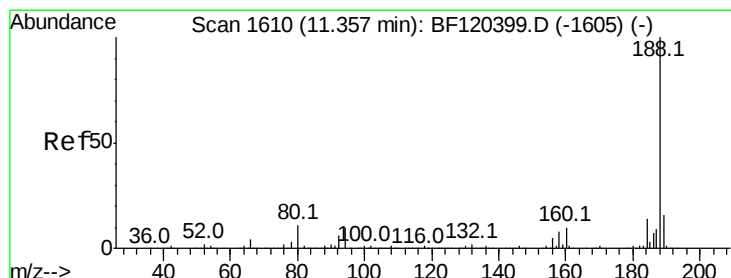
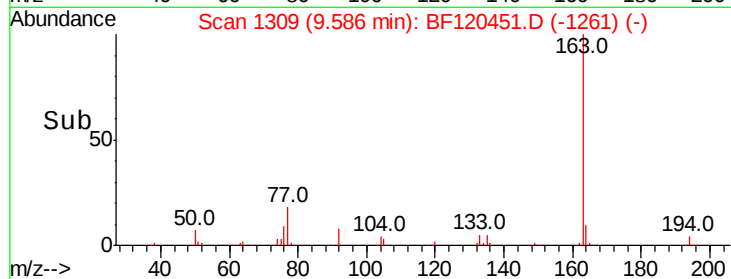
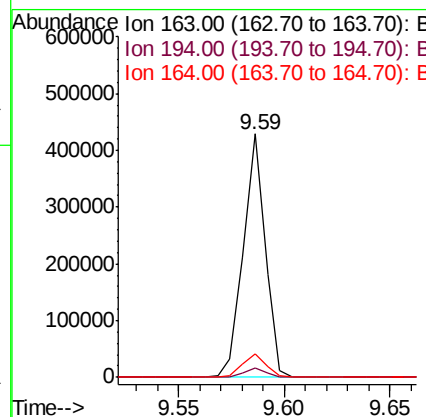
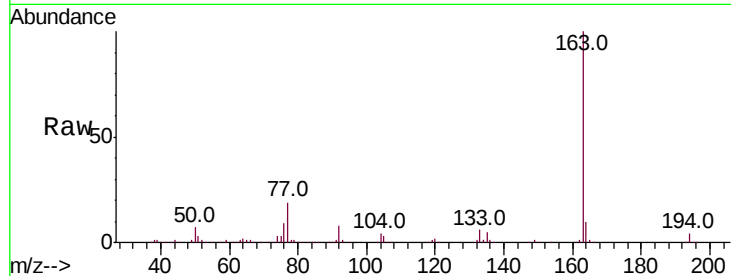
#50
Dimethylphthalate
Concen: 9.709 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
NM35-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	306513		
194	3.8		3.3	4.9
164	9.6		8.3	12.5

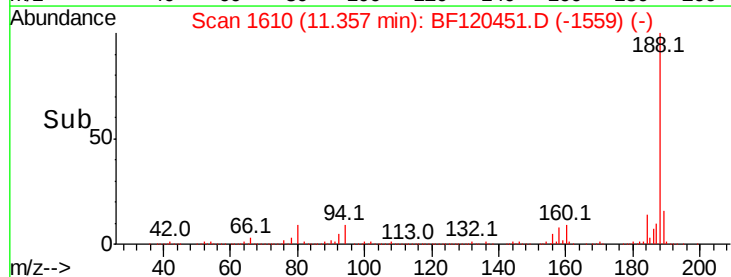
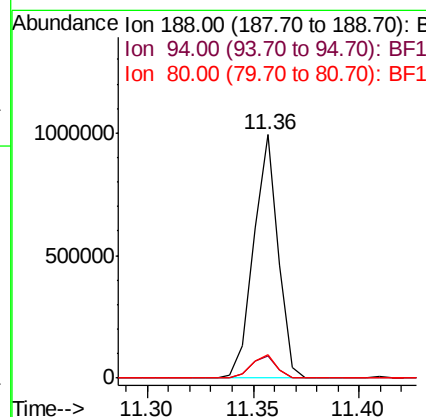
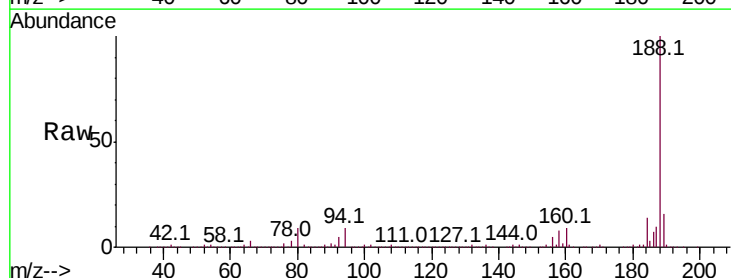
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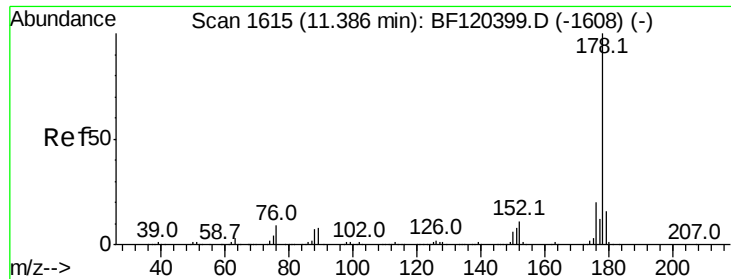
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	796694		
94	8.9		7.9	11.9
80	9.4		8.6	13.0





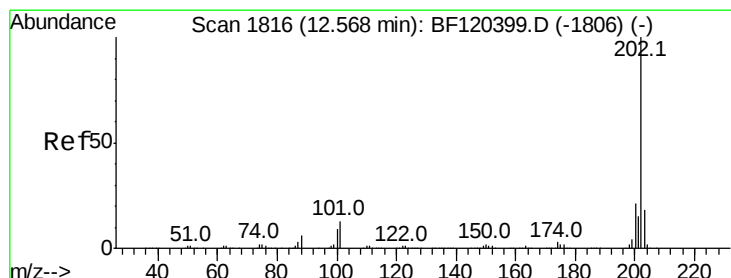
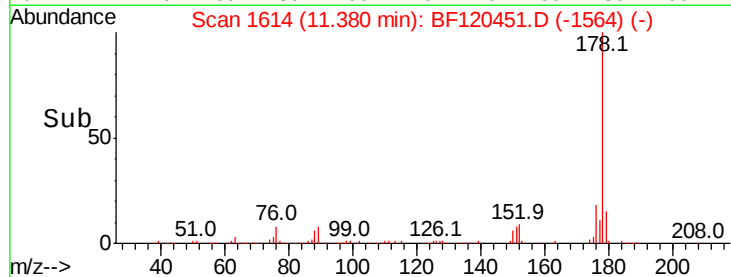
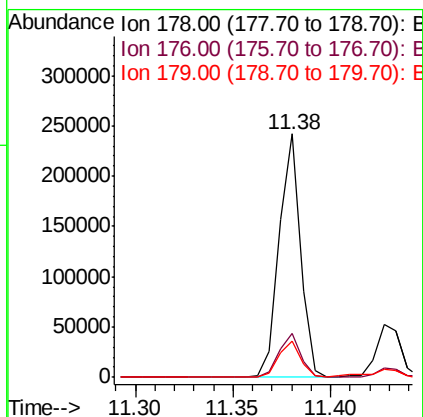
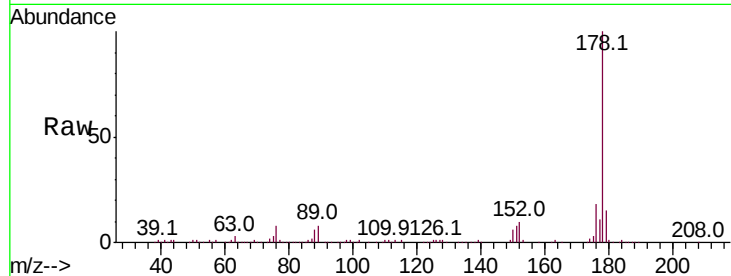
#71
Phenanthrene
Concen: 5.254 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
NM35-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.4	24.6
179	15.1	13.0	19.4

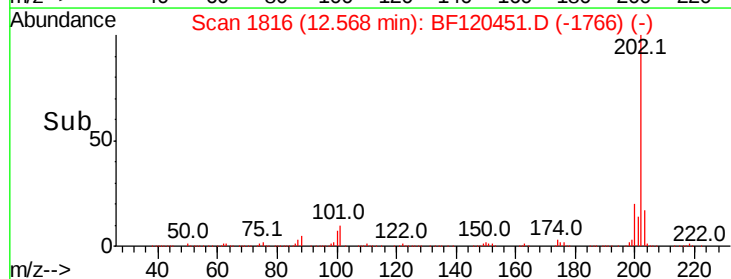
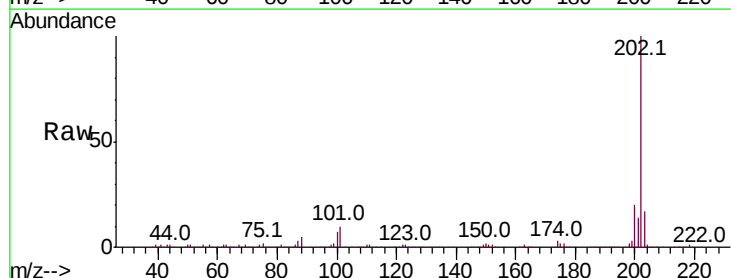
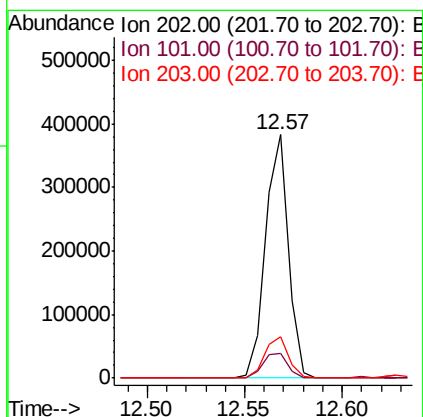
Manual Integrations
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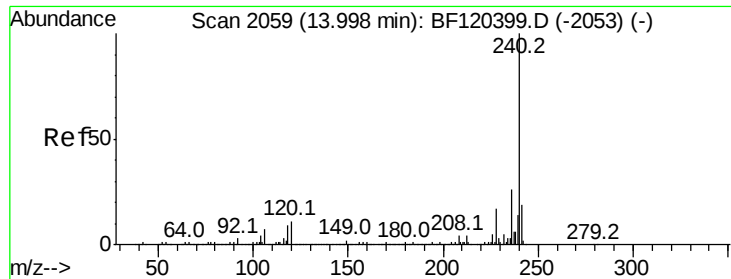
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#75
Fluoranthene
Concen: 8.251 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.6
203	16.9	0.0	38.4





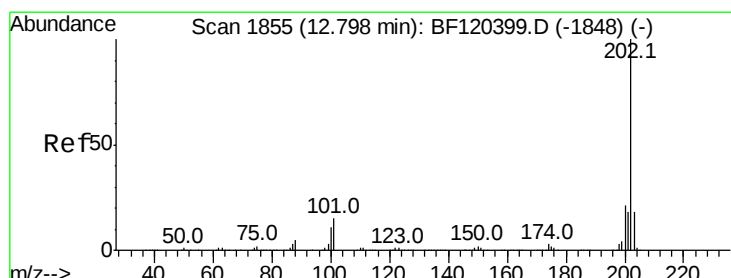
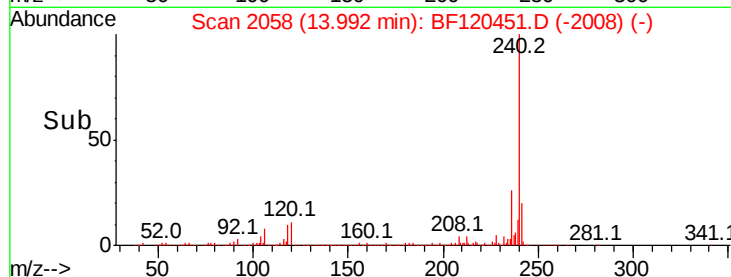
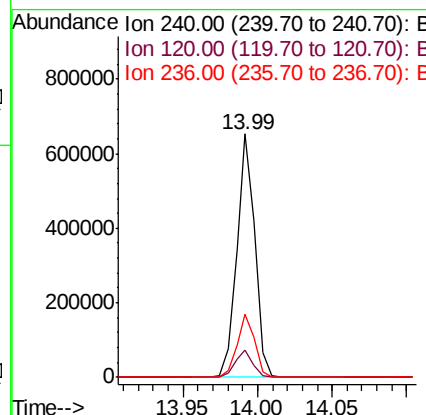
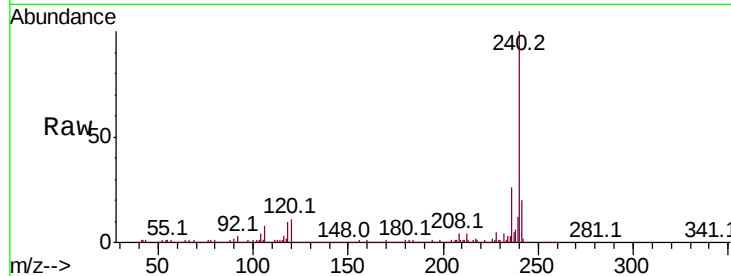
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
NM35-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.4	8.8	13.2	
236	25.7	21.0	31.4	

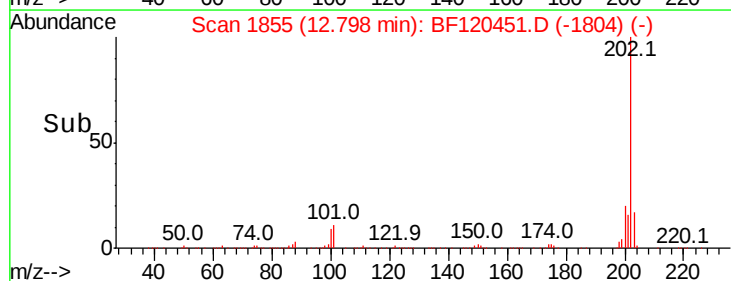
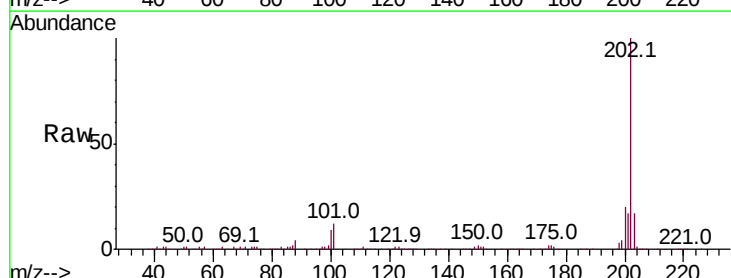
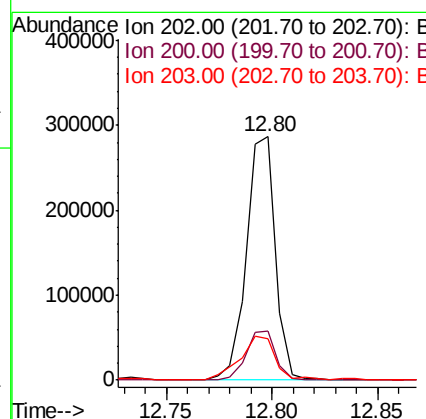
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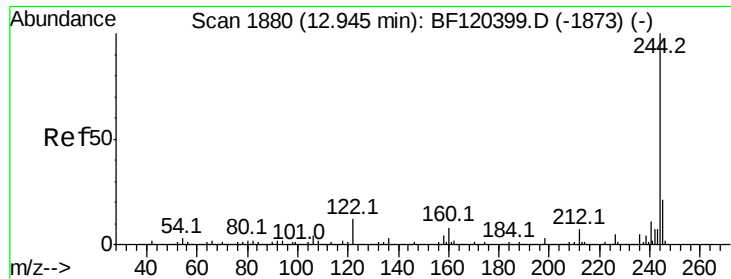
mohammad
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#78
Pyrene
Concen: 7.014 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.1	17.0	25.4	
203	17.1	14.7	22.1	





#79

Terphenyl-d14

Concen: 69.868 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BF120451.D

Acq: 29 May 2020 20:45

Instrument :

BNA_F

ClientSampleId :

NM35-COMP-2020-0-6

Tot Ion:244 Resp: 1749262

Ion Ratio Lower Upper

244 100

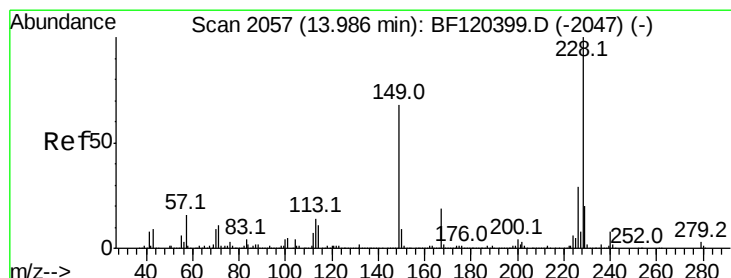
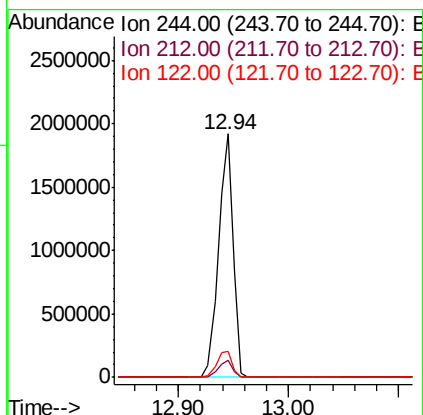
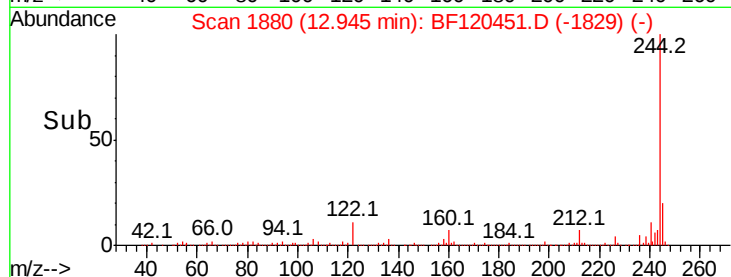
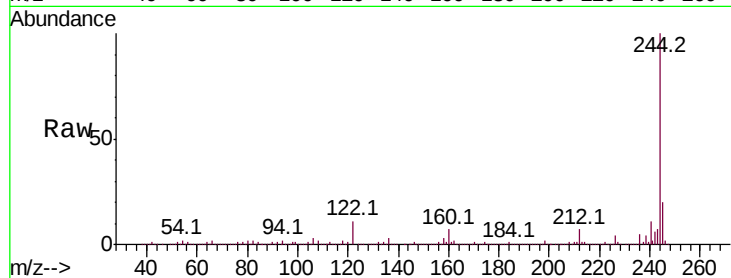
212 6.9 5.9 8.9

122 10.7 9.2 13.8

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#81

Benzo(a)anthracene

Concen: 4.892 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120451.D

Acq: 29 May 2020 20:45

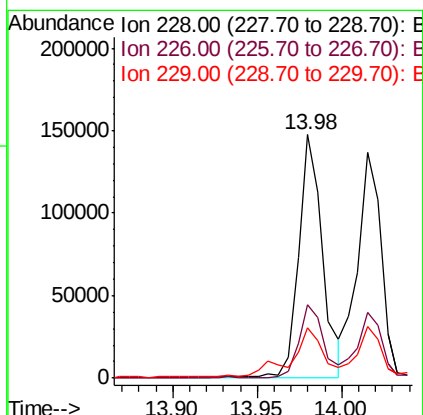
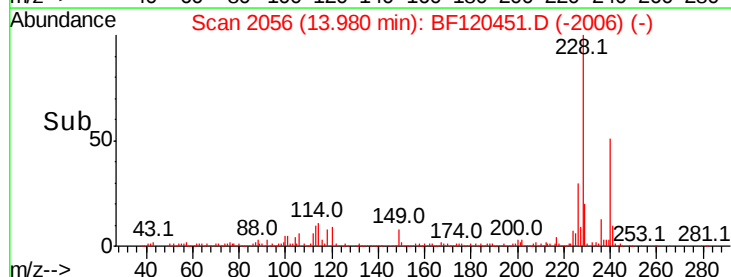
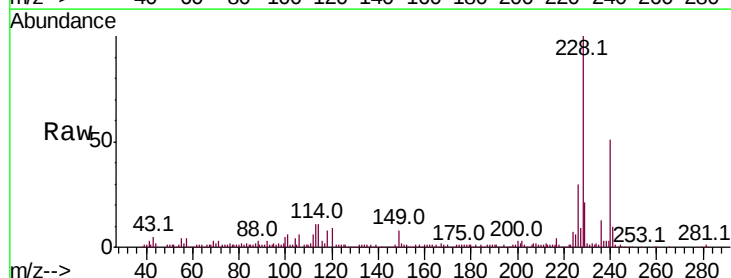
Tgt Ion:228 Resp: 146085

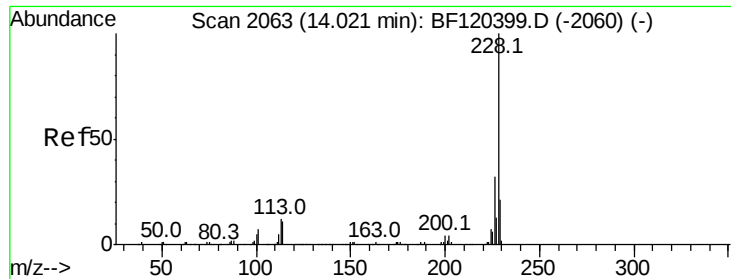
Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.4

229 20.8 16.2 24.4





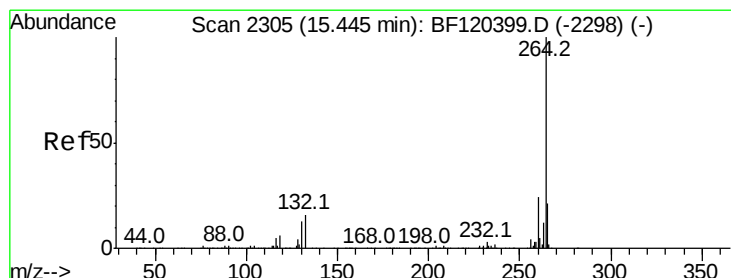
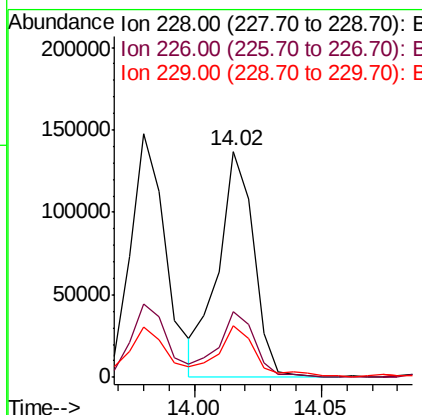
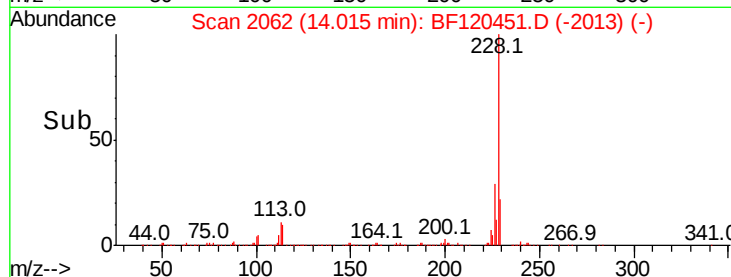
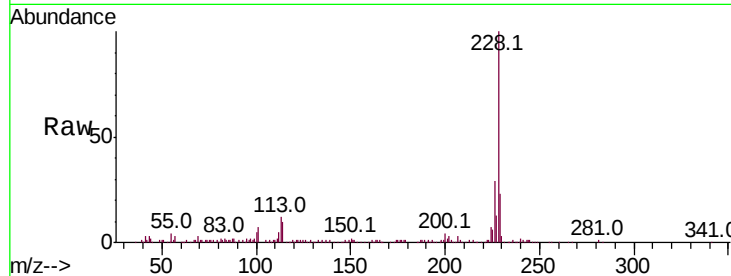
#83
Chrysene
Concen: 4.271 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
NM35-COMP-2020-0-6

Tot Ion:	228	Resp:	133686
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.6	38.4
229	22.9	16.6	25.0

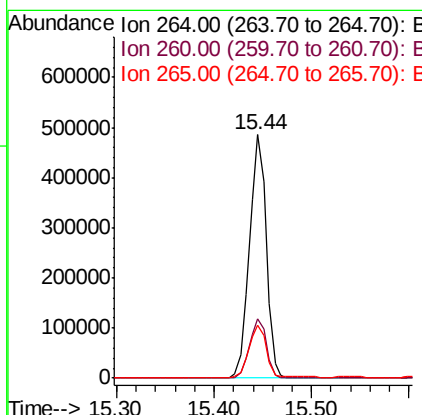
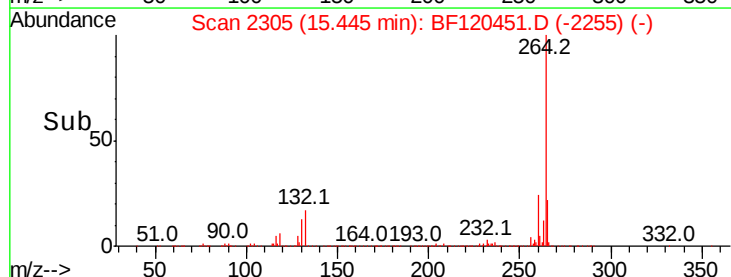
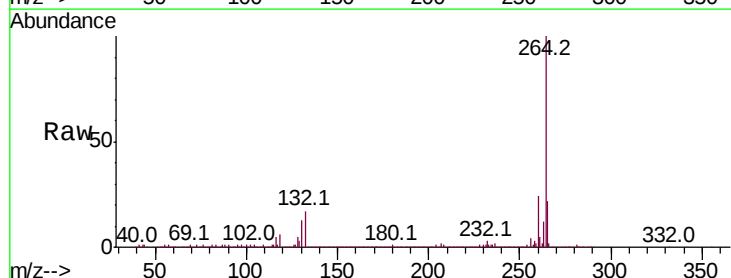
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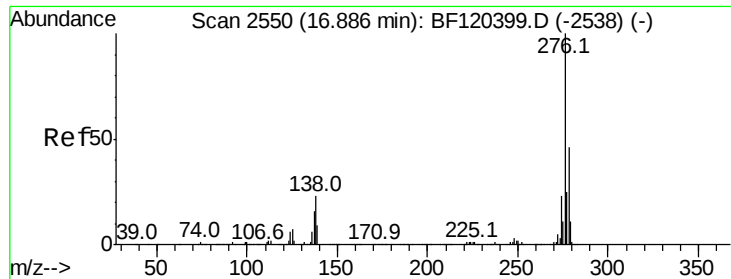
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Tgt Ion:	264	Resp:	583589
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.8	16.9	25.3





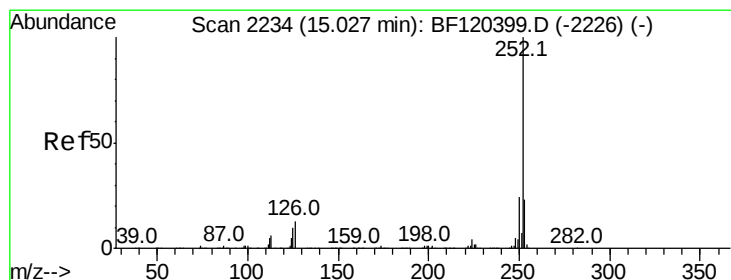
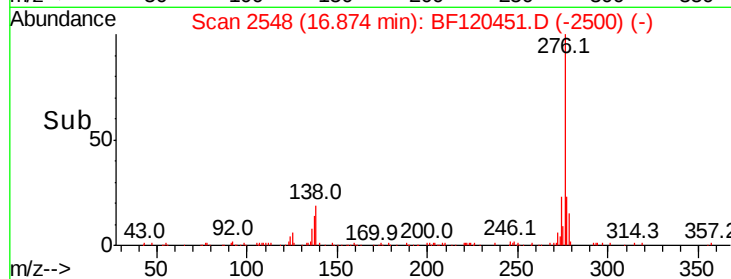
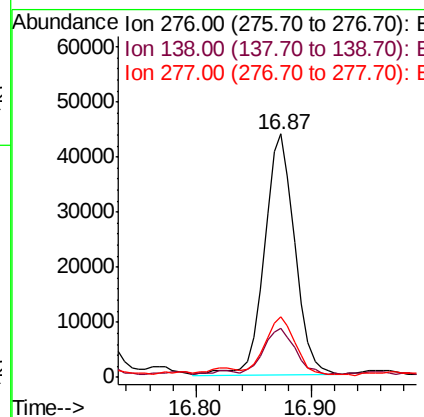
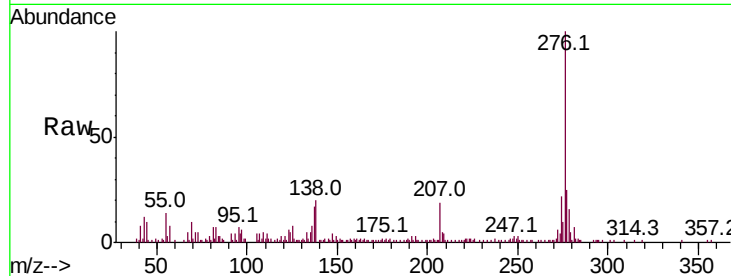
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.515 ng
 RT: 16.87 min Scan# 2548
 Delta R.T. -0.02 min
 Lab File: BF120451.D
 Acq: 29 May 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 NM35-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	20.4	30.6#
277	23.9	20.4	30.6

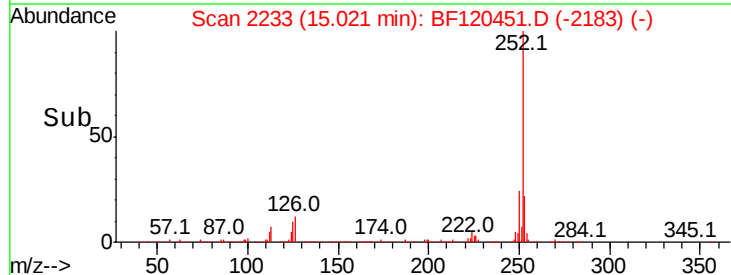
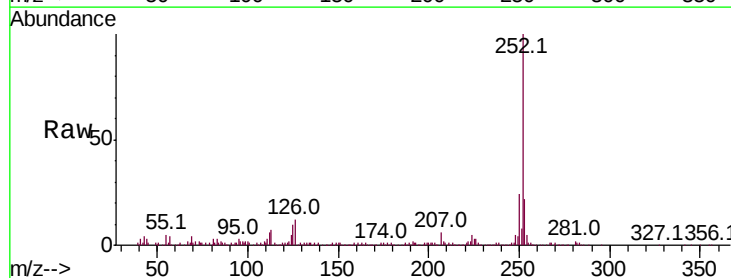
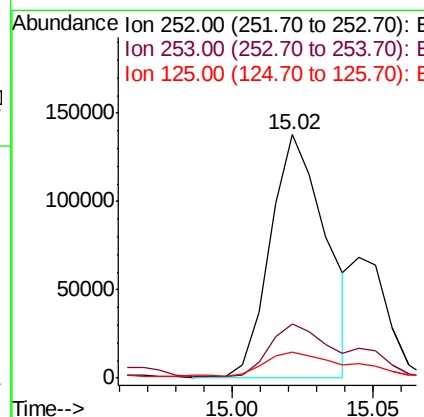
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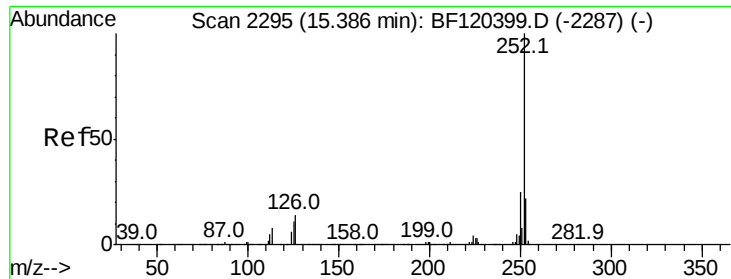
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#88
 Benzo(b)fluoranthene
 Concen: 5.814 ng m
 RT: 15.02 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120451.D
 Acq: 29 May 2020 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.5	7.8	11.8





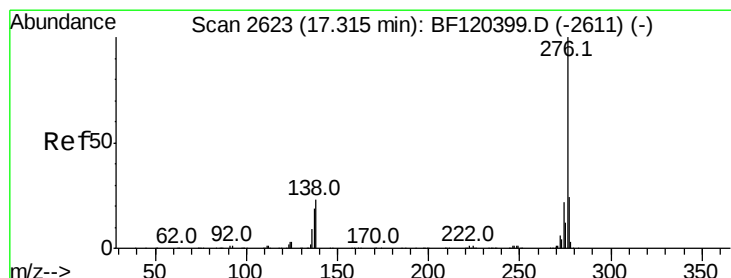
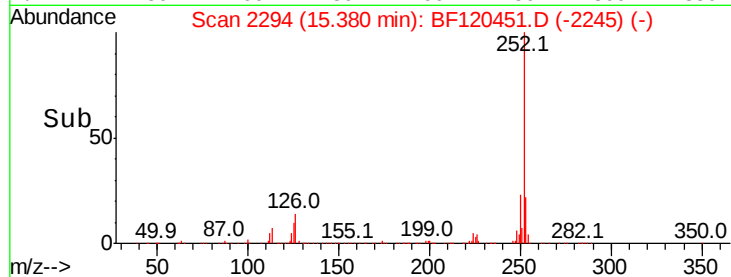
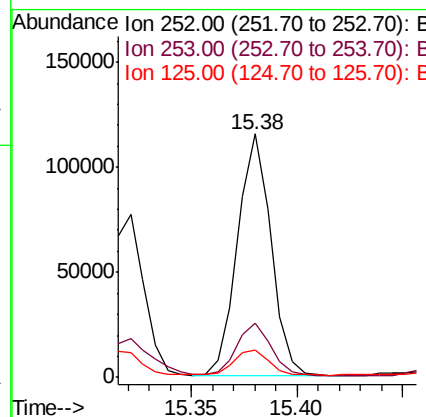
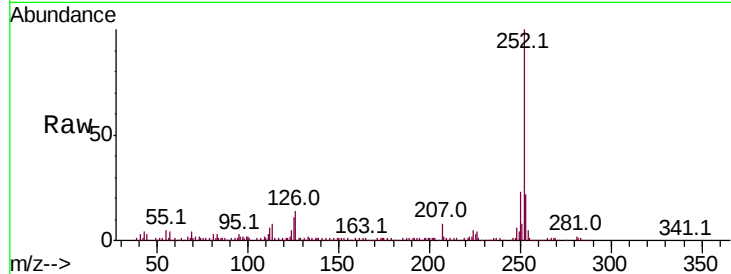
#90
Benzo(a)pyrene
Concen: 4.473 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
NM35-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	11.1	8.7	13.1

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#92
Benzo(g,h,i)perylene
Concen: 2.854 ng
RT: 17.30 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF120451.D
Acq: 29 May 2020 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.5	29.3
138	25.7	18.1	27.1

