

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120420.D
 Acq On : 28 May 2020 20:57
 Operator : MA/SJ
 Sample : L2745-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM22-COMP-2020-0-6

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Quant Time: Jun 03 06:14:26 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	297083	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1035041	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	456633	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	697459	20.00	ng	0.00
76) Chrysene-d12	13.99	240	536822	20.00	ng	0.00
86) Perylene-d12	15.45	264	494032	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1706814	109.49	ng	0.01
7) Phenol-d6	6.47	99	2208292	114.93	ng	0.00
23) Nitrobenzene-d5	7.40	82	1395870	88.22	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	479583	113.35	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2309761	85.82	ng	0.00
79) Terphenyl-d14	12.94	244	1943593	80.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.59	163	175004	6.130	ng	98
71) Phenanthrene	11.38	178	179011	5.825	ng	98
75) Fluoranthene	12.57	202	349017	10.554	ng	98
78) Pyrene	12.80	202	322354	8.635	ng	98
81) Benzo(a)anthracene	13.99	228	170498	5.926	ng	95
83) Chrysene	14.02	228	165219	5.478	ng	97
88) Benzo(b)fluoranthene	15.03	252	220740m	8.044	ng	
89) Benzo(k)fluoranthene	15.05	252	57647m	2.250	ng	
90) Benzo(a)pyrene	15.39	252	140609	5.858	ng	98
92) Benzo(g,h,i)perylene	17.32	276	81358	3.744	ng	99

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

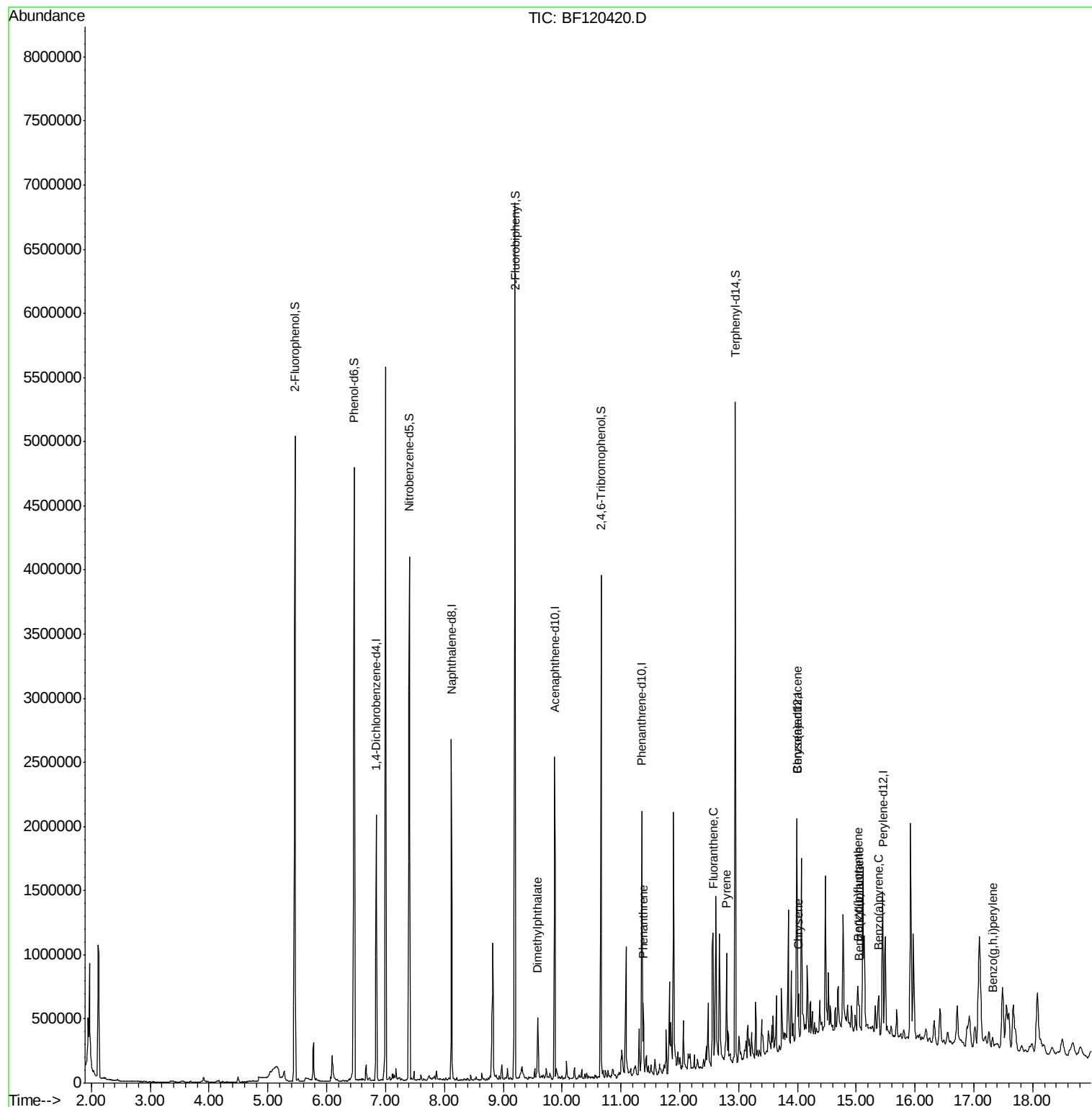
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120420.D
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Operator : MA/SJ
Sample : L2745-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

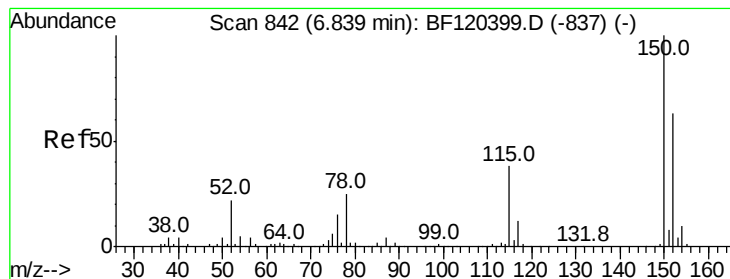
Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

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Quant Time: Jun 03 06:14:26 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





#1

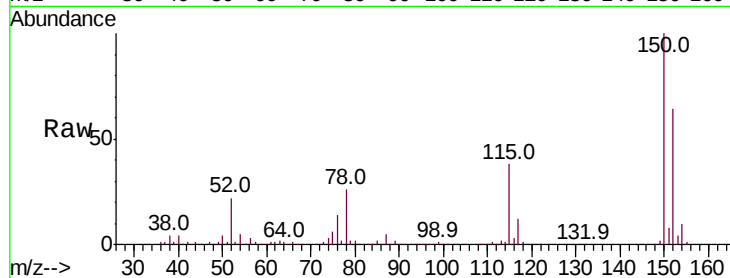
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.5	189.7
115	60.1	47.6	71.4

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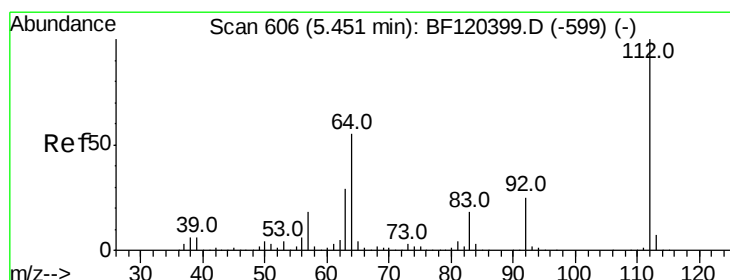
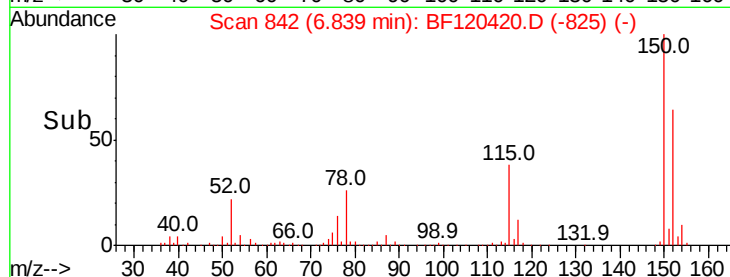
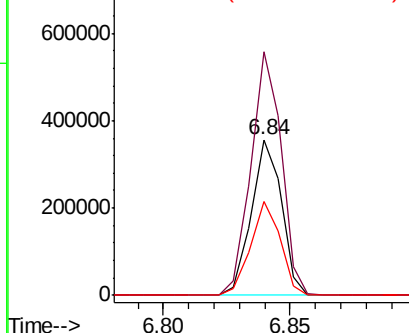


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

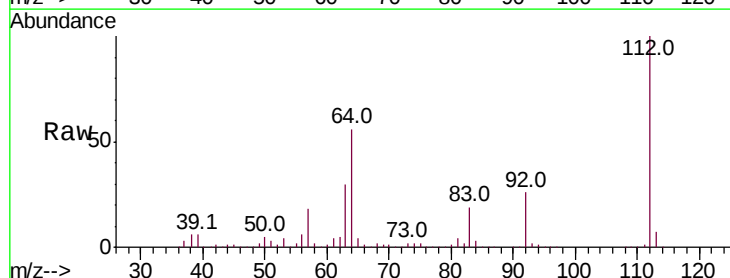
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.490 ng
RT: 5.46 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.3	66.5
63	29.5	22.9	34.3

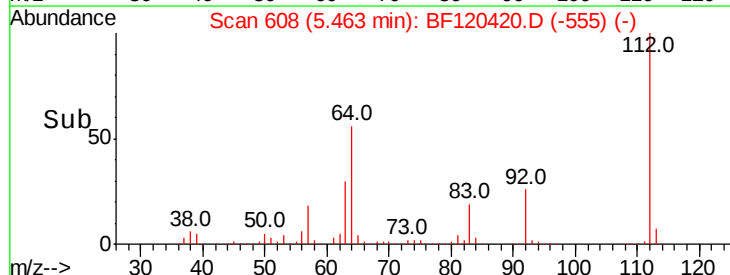
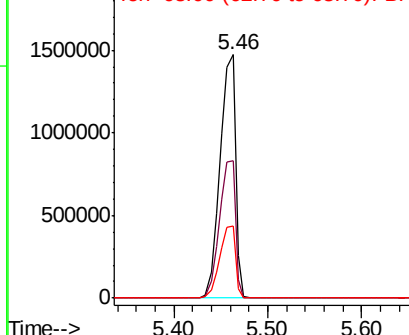


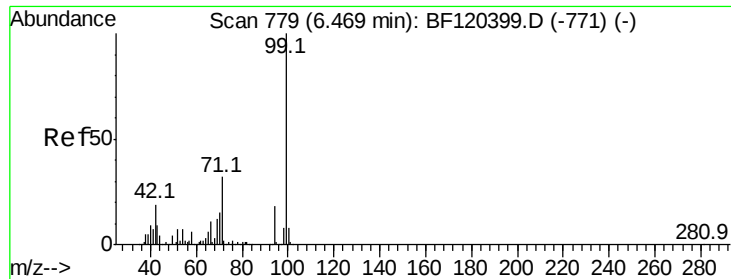
Abundance

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: 114.930 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120420.D

Acq: 28 May 2020 20:57

Instrument :

BNA_F

ClientSampleId :

NM22-COMP-2020-0-6

Tot Ion: 99 Resp: 2208292

Ion Ratio Lower Upper

99 100

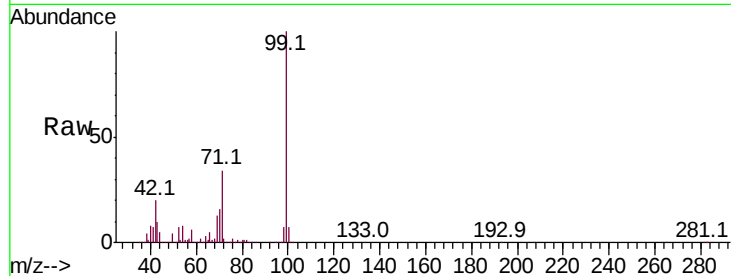
42 20.3 15.2 22.8

71 34.1 25.6 38.4

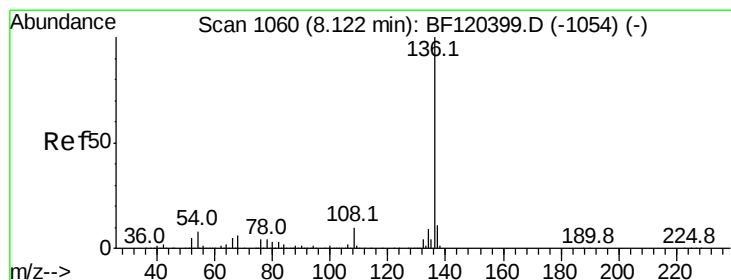
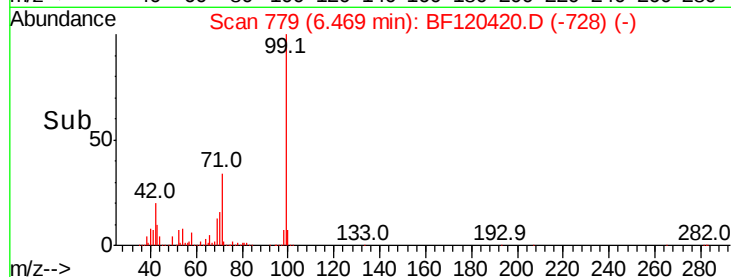
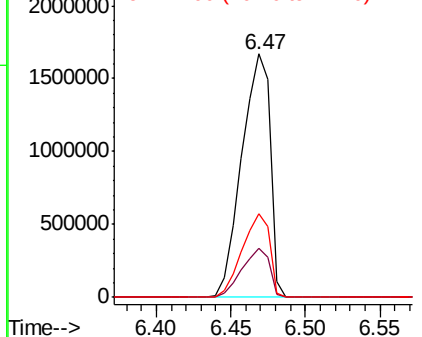
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120420.D

Acq: 28 May 2020 20:57

Tgt Ion: 136 Resp: 1035041

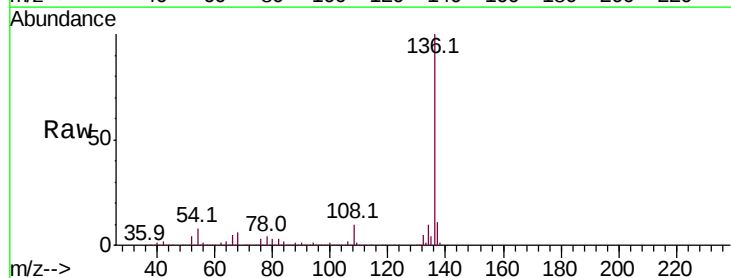
Ion Ratio Lower Upper

136 100

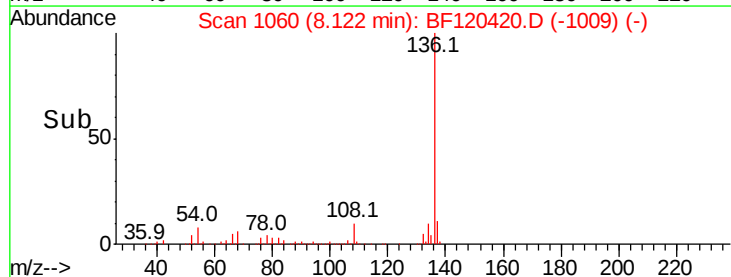
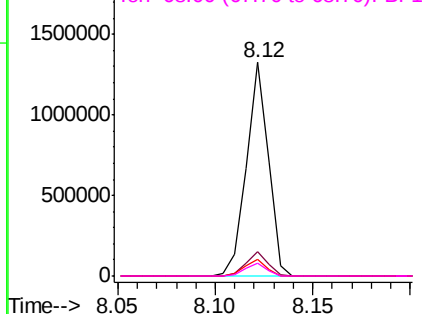
137 11.2 9.1 13.7

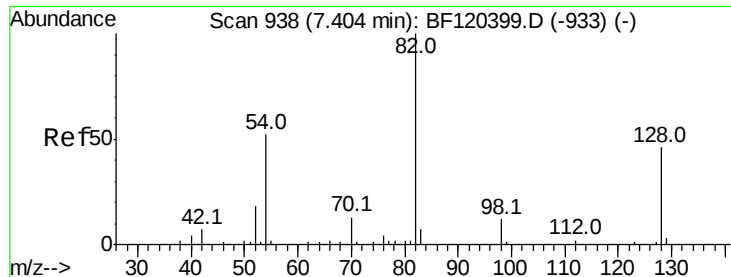
54 7.8 6.7 10.1

68 6.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





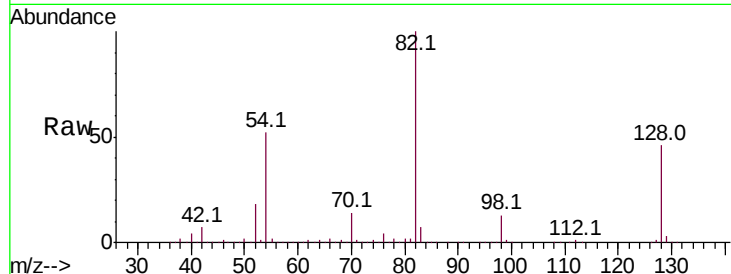
#23
 Nitrobenzene-d5
 Concen: 88.217 ng
 RT: 7.40 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF120420.D
 Acq: 28 May 2020 20:57

Instrument :
 BNA_F
 ClientSampleId :
 NM22-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.8	55.2
54	51.7	41.6	62.4

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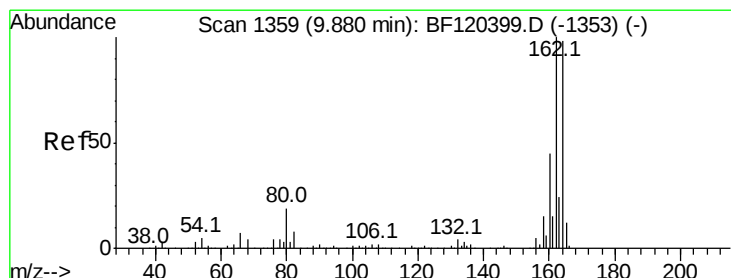
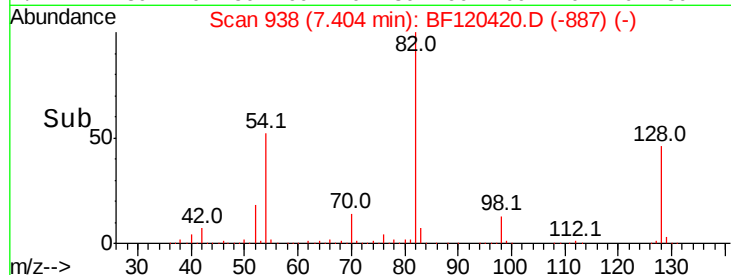
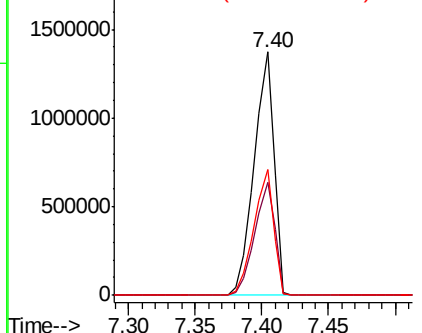


Abundance

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. -0.01 min
 Lab File: BF120420.D
 Acq: 28 May 2020 20:57

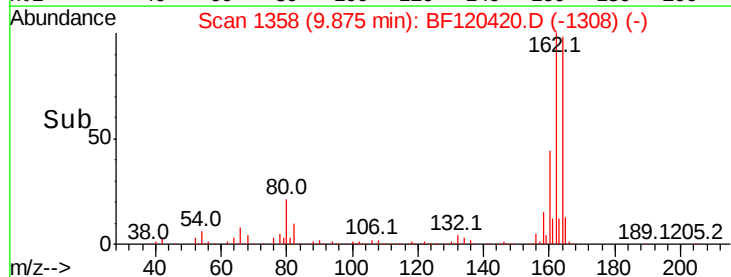
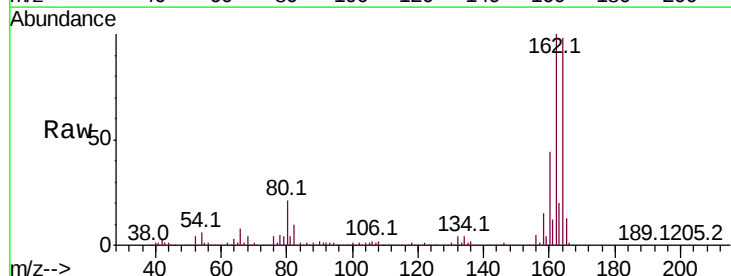
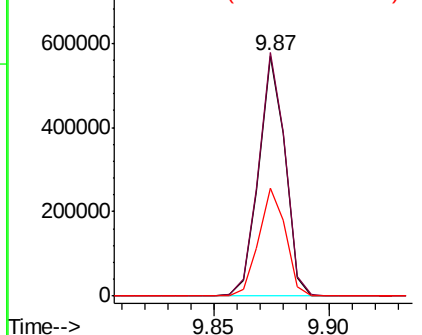
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	45.0	36.9	55.3

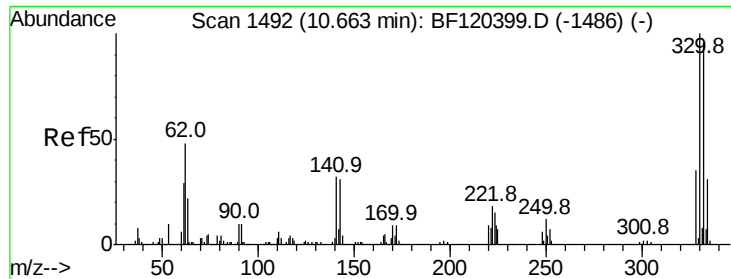
Abundance

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





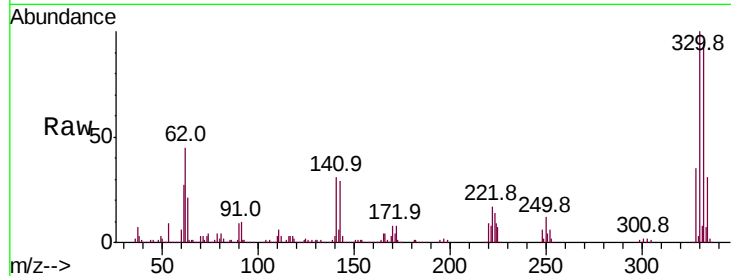
#42
 2,4,6-Tribromophenol
 Concen: 113.352 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120420.D
 Acq: 28 May 2020 20:57

Instrument :
 BNA_F
 ClientSampleId :
 NM22-COMP-2020-0-6

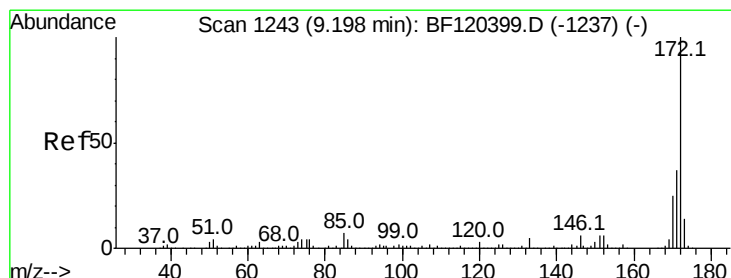
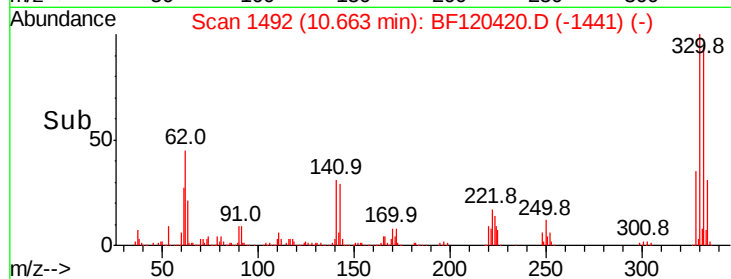
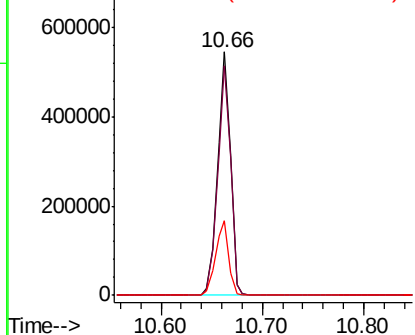
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	77.0	115.6	
141	31.2	25.3	37.9	

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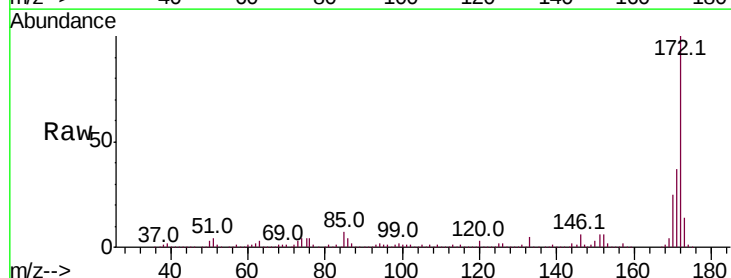


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

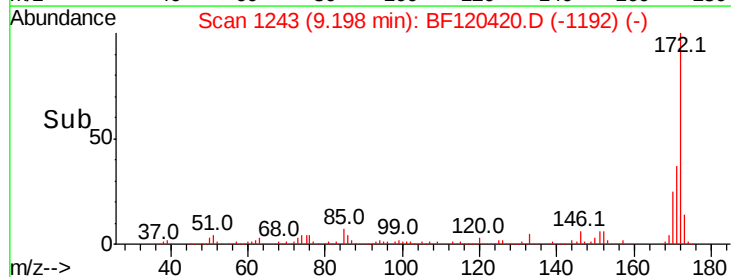
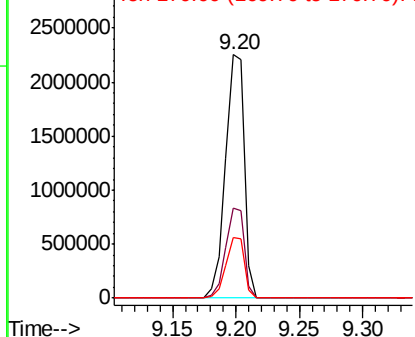


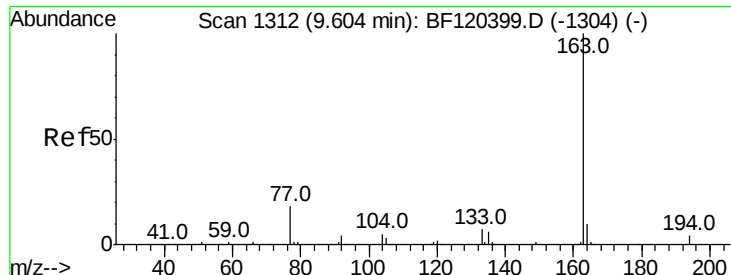
#45
 2-Fluorobiphenyl
 Concen: 85.823 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120420.D
 Acq: 28 May 2020 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.0	29.7	44.5	
170	24.8	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: 6.130 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF120420.D

Acq: 28 May 2020 20:57

Instrument :

BNA_F

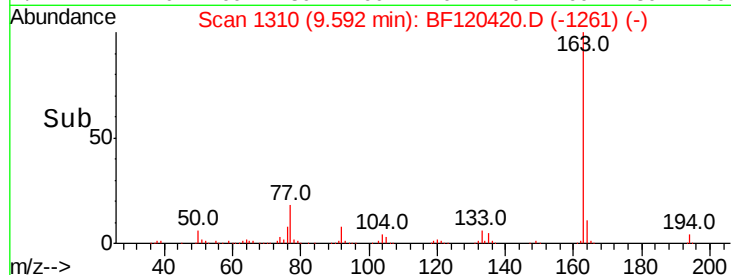
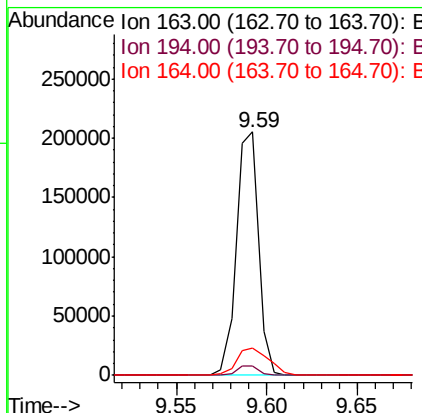
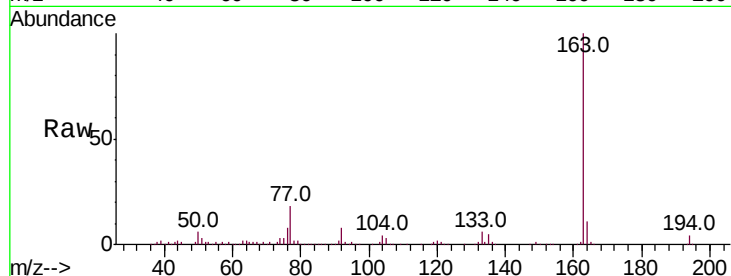
ClientSampleId :

NM22-COMP-2020-0-6

Tot Ion:	163	Resp:	175004
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	11.4	8.3	12.5

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#64

Phenanthrene-d10

Concen: 20.000 ng

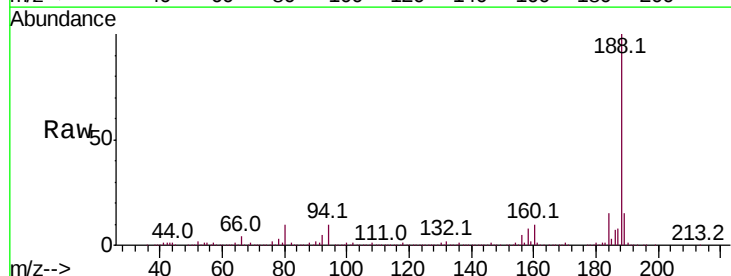
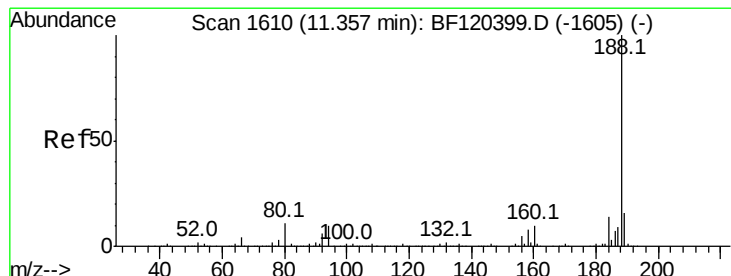
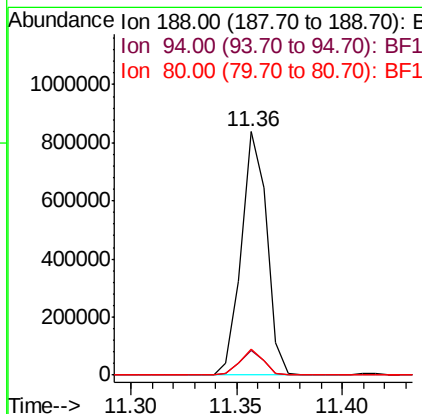
RT: 11.36 min Scan# 1610

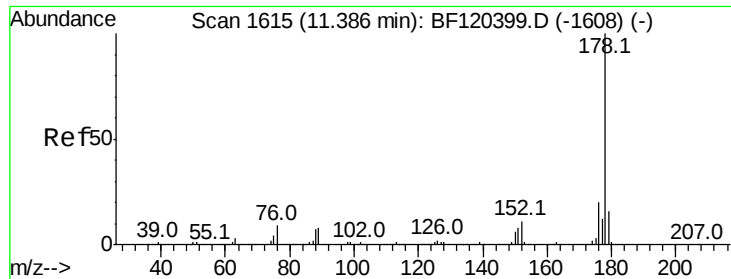
Delta R.T. 0.00 min

Lab File: BF120420.D

Acq: 28 May 2020 20:57

Tgt Ion:	188	Resp:	697459
Ion Ratio	Lower	Upper	
188	100		
94	10.1	7.9	11.9
80	10.5	8.6	13.0





#71

Phenanthrene

Concen: 5.825 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120420.D

Acq: 28 May 2020 20:57

Instrument :

BNA_F

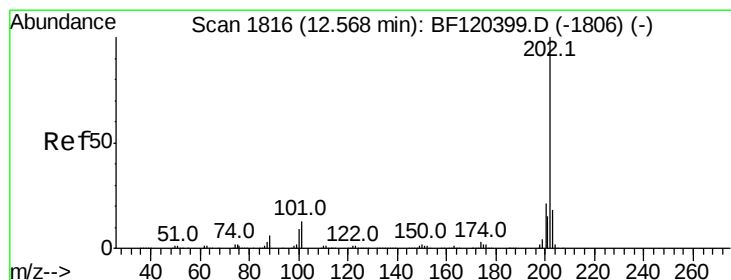
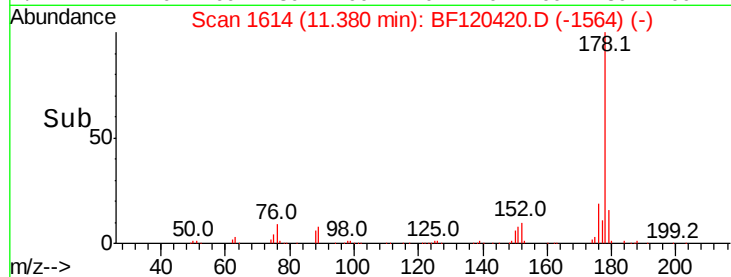
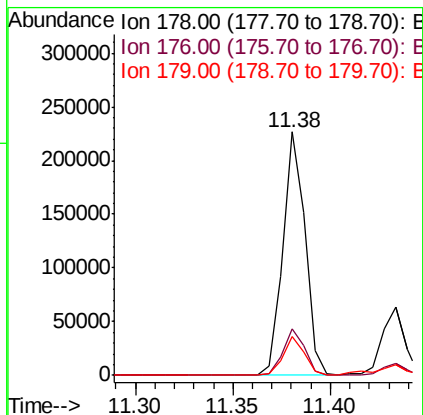
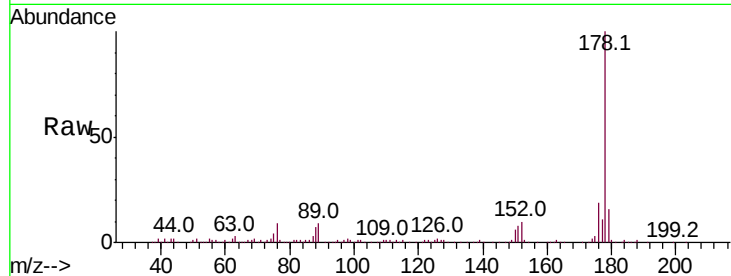
ClientSampleId :

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Tot Ion:	178	Resp:	179011
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.4	24.6
179	15.9	13.0	19.4

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#75

Fluoranthene

Concen: 10.554 ng

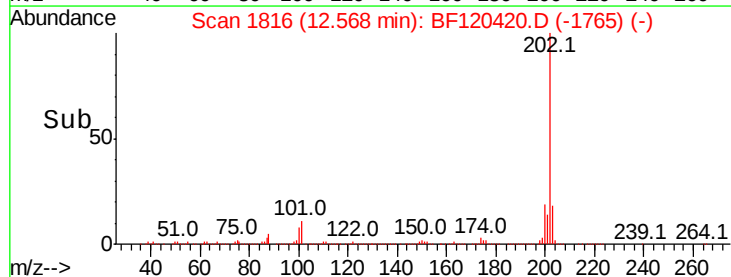
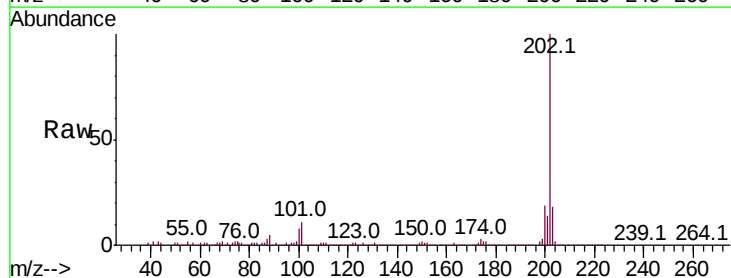
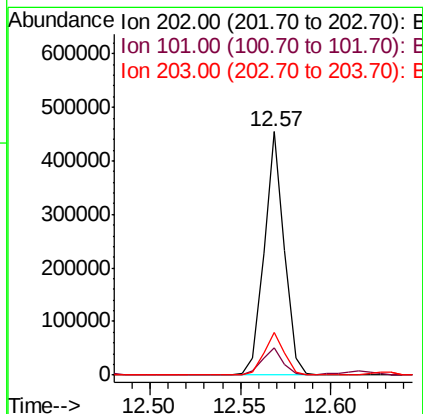
RT: 12.57 min Scan# 1816

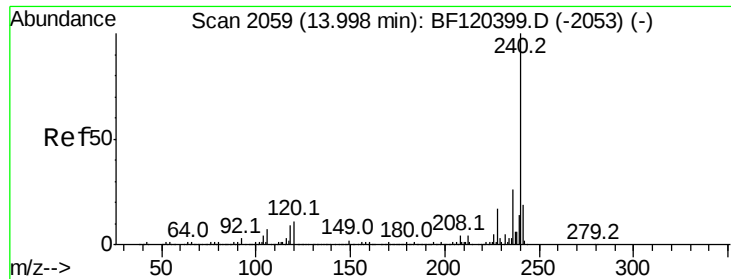
Delta R.T. 0.00 min

Lab File: BF120420.D

Acq: 28 May 2020 20:57

Tgt Ion:	202	Resp:	349017
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	32.6
203	17.8	0.0	38.4





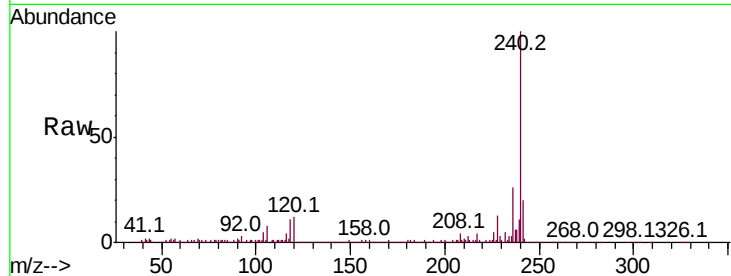
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

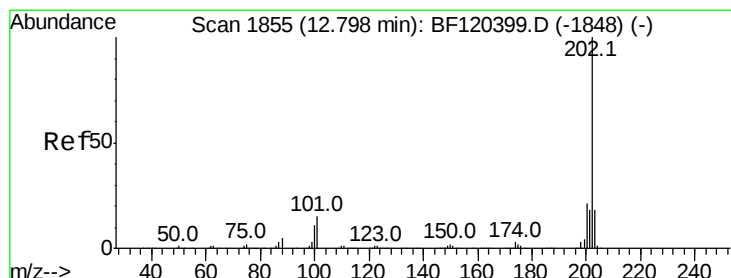
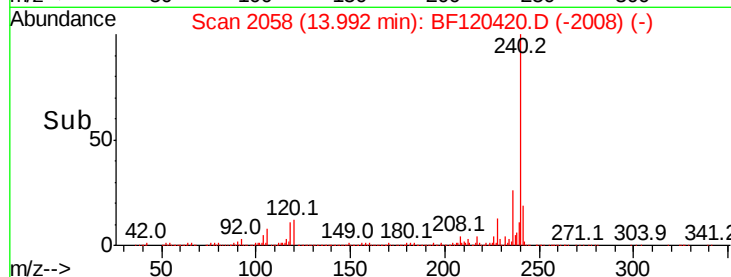
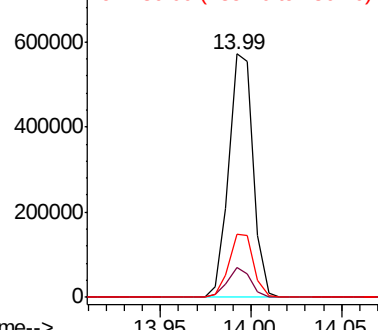
Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.4	8.8	13.2	
236	25.9	21.0	31.4	

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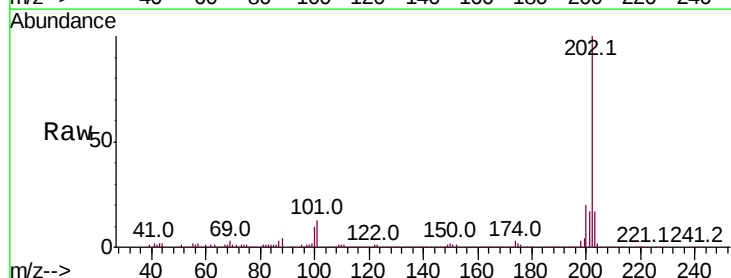


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

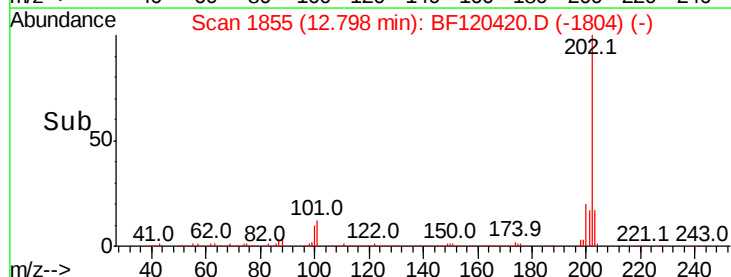
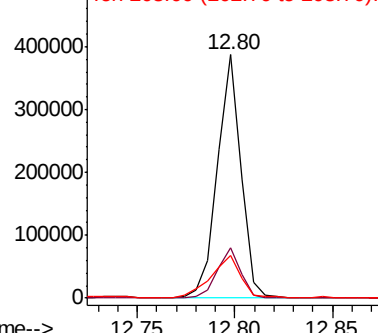


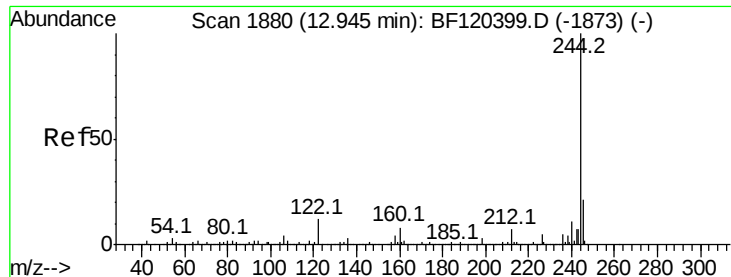
#78
Pyrene
Concen: 8.635 ng
RT: 12.80 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.4	17.0	25.4	
203	17.4	14.7	22.1	



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





#79

Terphenyl-d14

Concen: 80.566 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120420.D

Acq: 28 May 2020 20:57

Instrument :

BNA_F

ClientSampleId :

NM22-COMP-2020-0-6

Tot Ion:244 Resp: 1943593

Ion Ratio Lower Upper

244 100

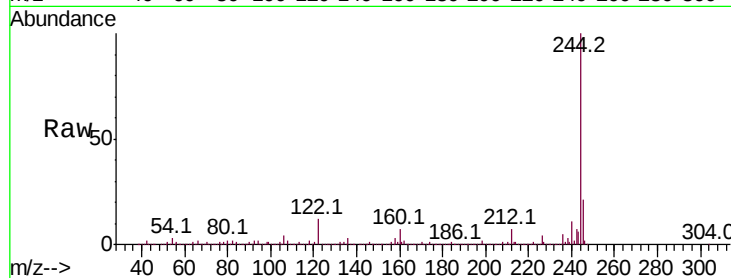
212 7.2 5.9 8.9

122 11.9 9.2 13.8

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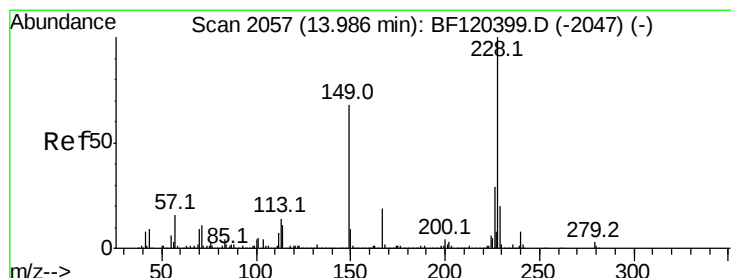
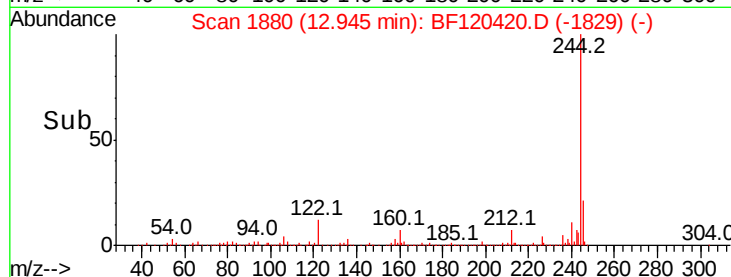
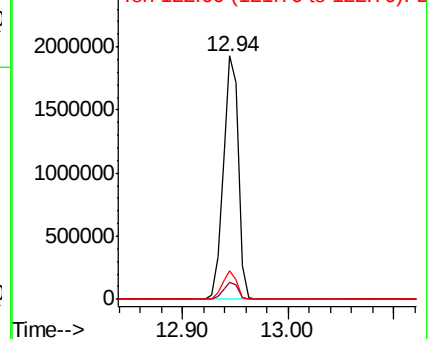


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.926 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF120420.D

Acq: 28 May 2020 20:57

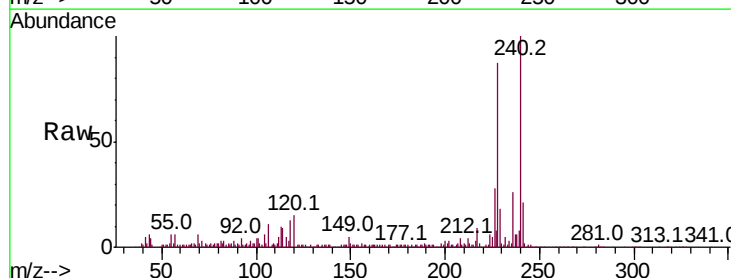
Tgt Ion:228 Resp: 170498

Ion Ratio Lower Upper

228 100

226 32.7 23.0 34.4

229 20.8 16.2 24.4

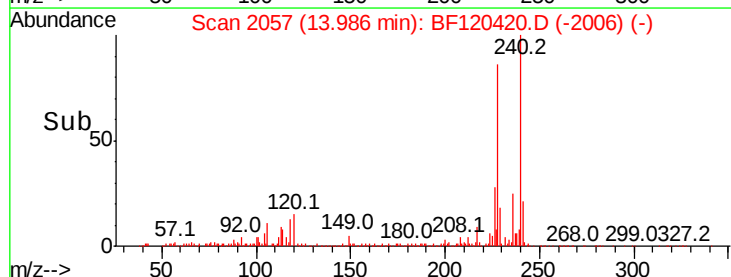
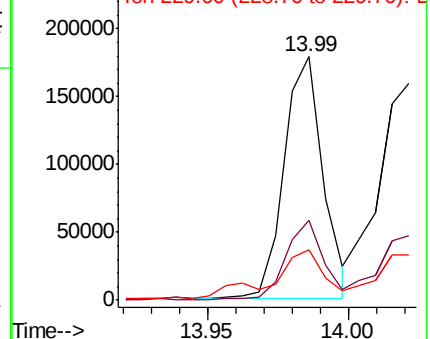


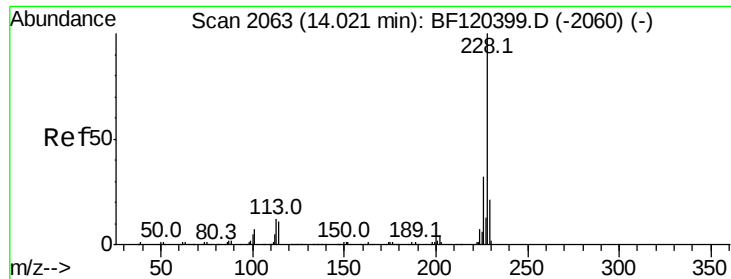
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





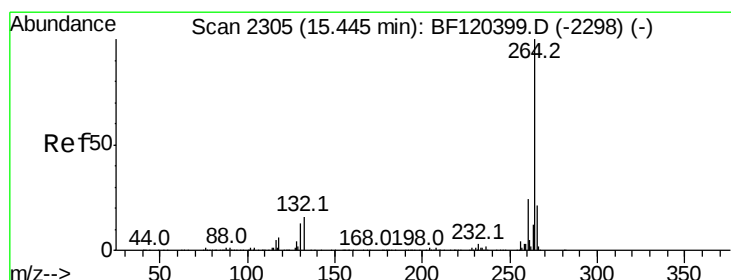
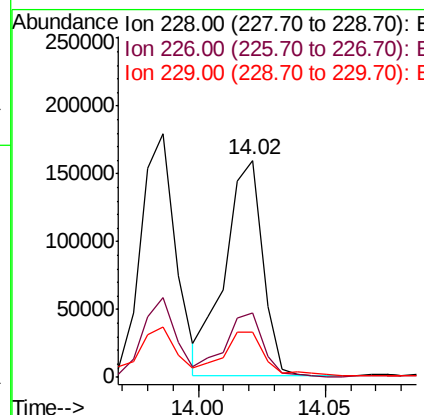
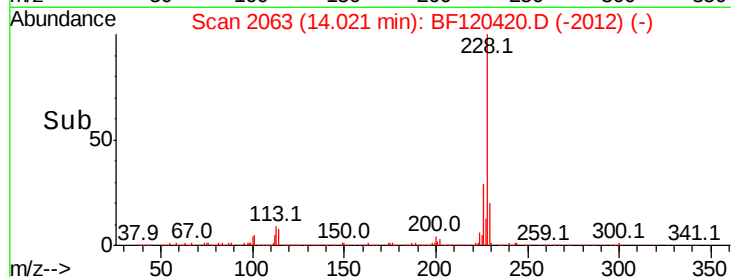
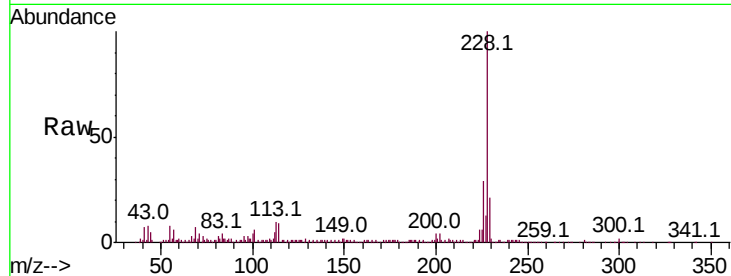
#83
Chrysene
Concen: 5.478 ng
RT: 14.02 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.6	38.4
229	21.0	16.6	25.0

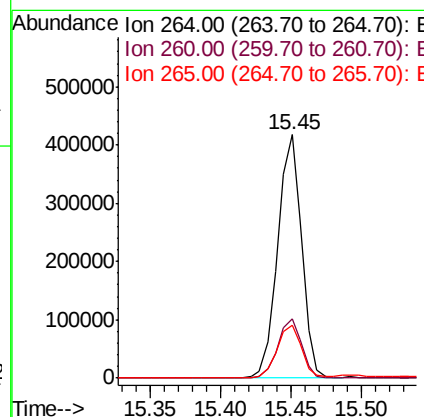
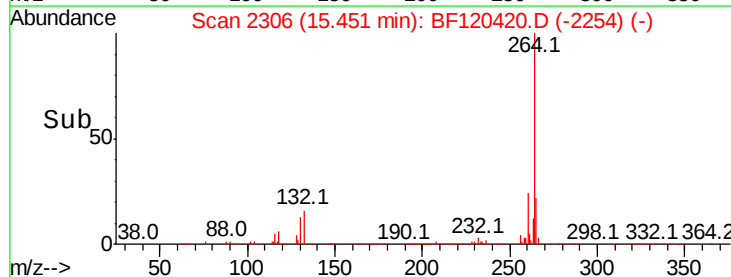
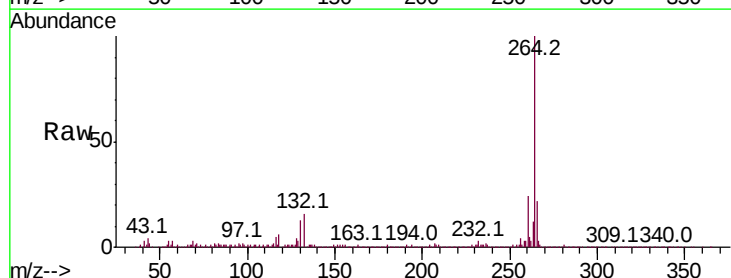
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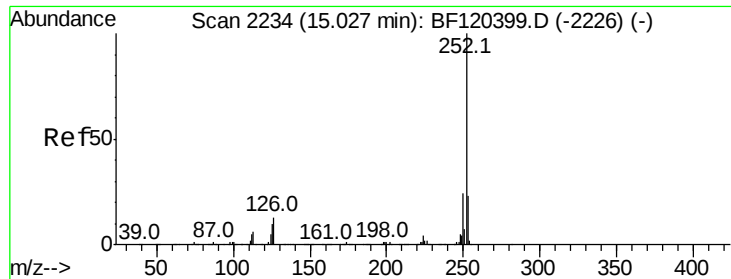
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	16.9	25.3





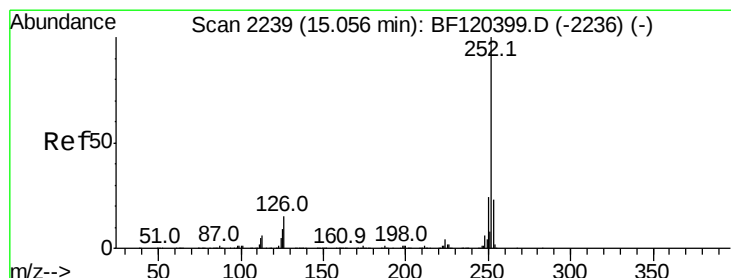
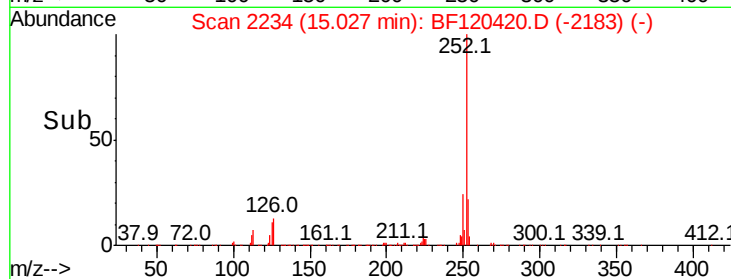
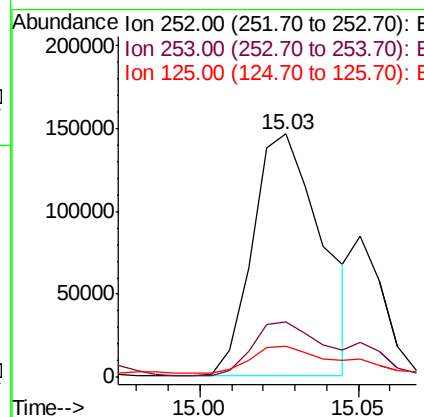
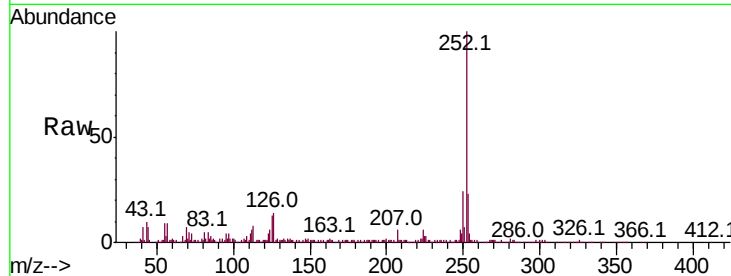
#88
Benzo(b)fluoranthene
Concen: 8.044 ng m
RT: 15.03 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	12.8	7.8	11.8

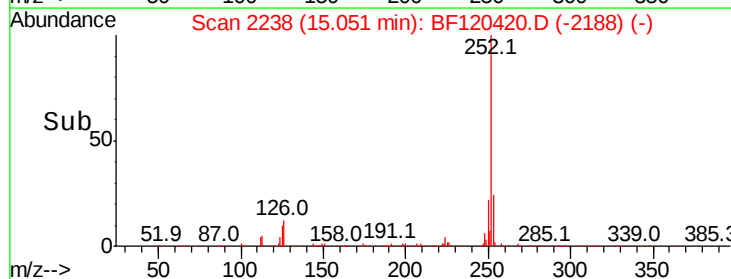
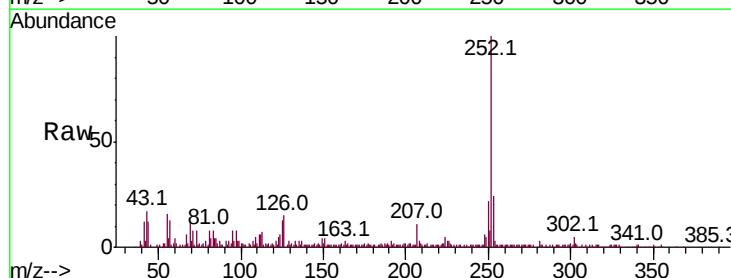
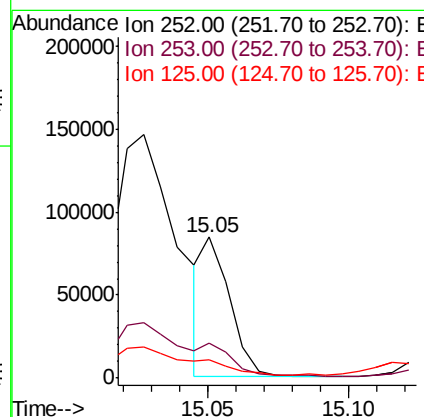
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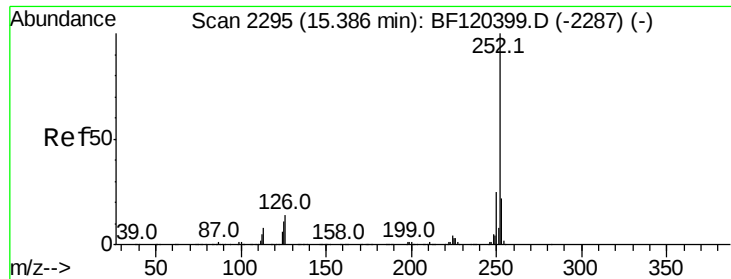
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#89
Benzo(k)fluoranthene
Concen: 2.250 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	12.6	8.0	12.0





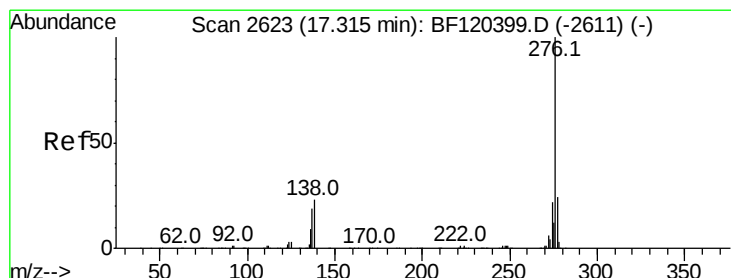
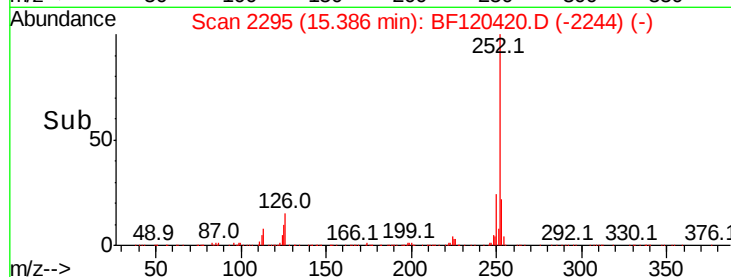
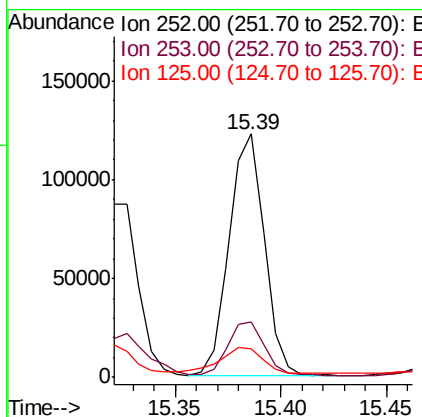
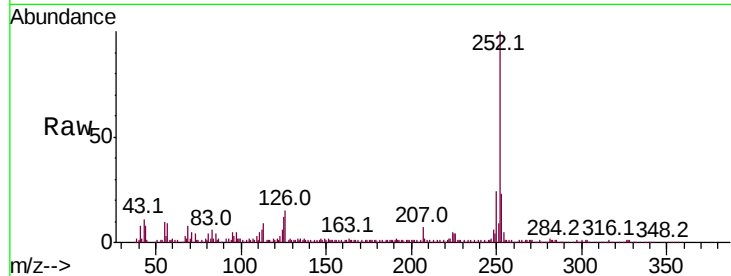
#90
Benzo(a)pyrene
Concen: 5.858 ng
RT: 15.39 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.7	8.7	13.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.744 ng
RT: 17.32 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF120420.D
Acq: 28 May 2020 20:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	22.8	18.1	27.1

