

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120452.D
 Acq On : 29 May 2020 21:12
 Operator : MA/SJ
 Sample : L2792-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM84-COMP-2020-0-6

Manual Integrations
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Quant Time: May 30 04:39:13 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	289668	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1050656	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	497006	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	793062	20.00	ng	0.00
76) Chrysene-d12	13.99	240	564510	20.00	ng	0.00
86) Perylene-d12	15.44	264	589710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1145762	75.38	ng	0.00
7) Phenol-d6	6.46	99	1529679	81.65	ng	0.00
23) Nitrobenzene-d5	7.40	82	999783	62.25	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	378157	82.12	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1831930	62.54	ng	0.00
79) Terphenyl-d14	12.94	244	1547641	61.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	338625	10.898	ng	99
71) Phenanthrene	11.38	178	158105	4.524	ng	96
75) Fluoranthene	12.57	202	269215	7.160	ng	96
78) Pyrene	12.79	202	247658	6.308	ng	97
81) Benzo(a)anthracene	13.98	228	132851	4.391	ng	99
83) Chrysene	14.02	228	119425	3.765	ng	96
87) Indeno(1,2,3-cd)pyrene	16.87	276	64871	2.011	ng	95
88) Benzo(b)fluoranthene	15.02	252	158393m	4.836	ng	
90) Benzo(a)pyrene	15.38	252	110873	3.870	ng	98
92) Benzo(g,h,i)perylene	17.31	276	62346	2.404	ng	97

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

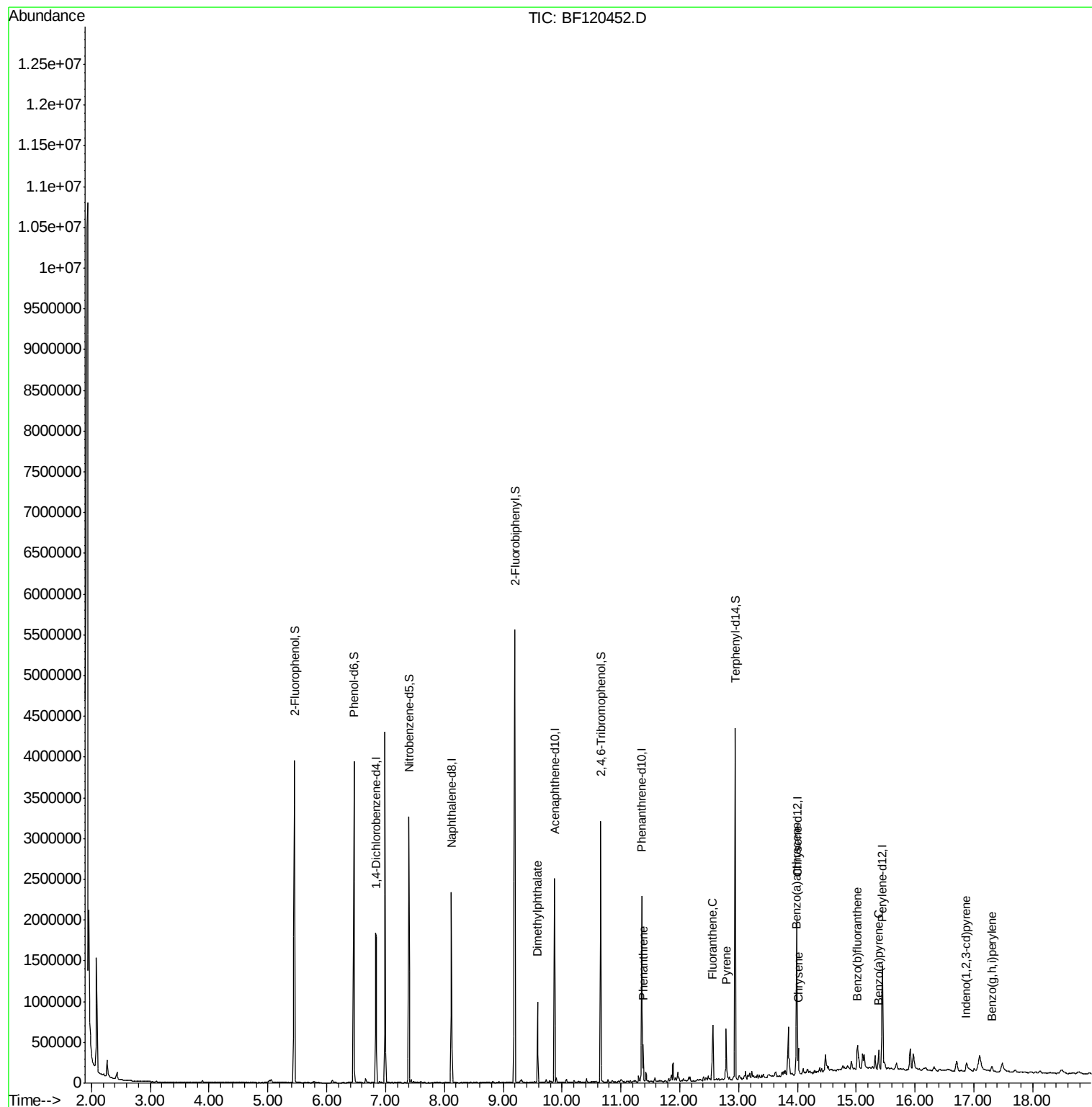
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120452.D
Acq On : 29 May 2020 21:12
Operator : MA/SJ
Sample : L2792-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

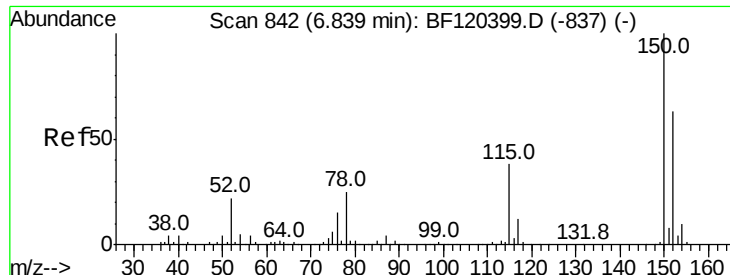
Instrument :
BNA_F
ClientSampleId :
NM84-COMP-2020-0-6

Manual Integrations
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Quant Time: May 30 04:39:13 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





#1

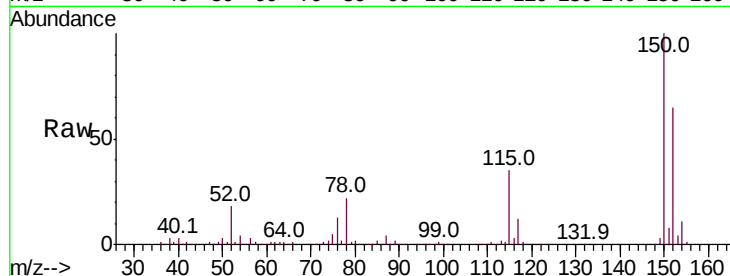
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

Instrument :
BNA_F
ClientSampleId :
NM84-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.5	189.7
115	54.5	47.6	71.4

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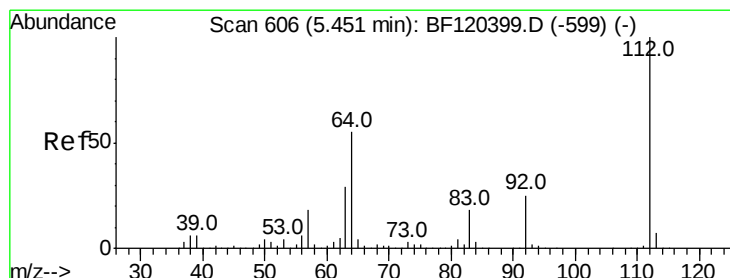
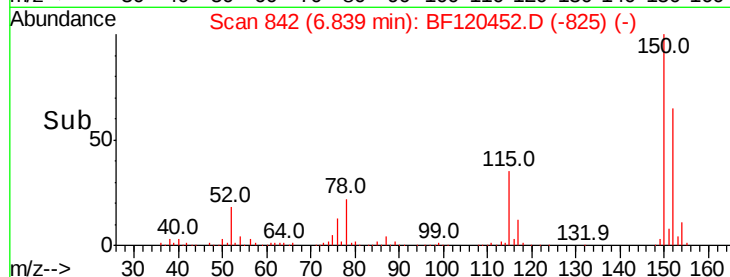
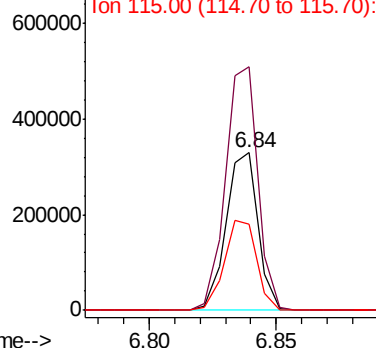


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

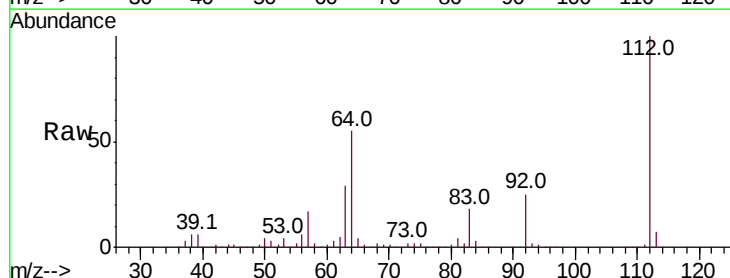
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.381 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.3	66.5
63	28.6	22.9	34.3

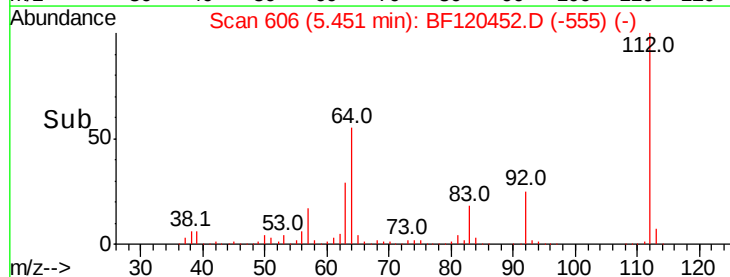
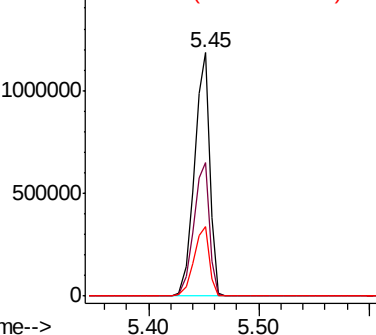


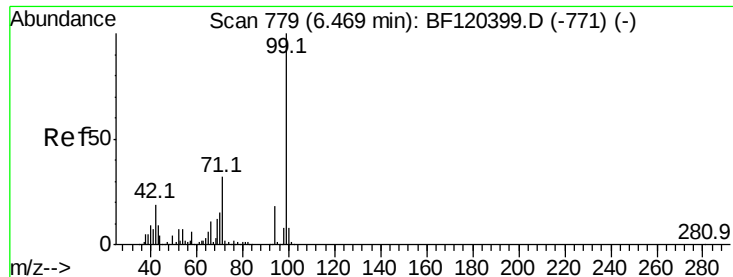
Abundance

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: 81.649 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120452.D

Acq: 29 May 2020 21:12

Instrument :

BNA_F

ClientSampleId :

NM84-COMP-2020-0-6

Tot Ion: 99 Resp: 1529679

Ion Ratio Lower Upper

99 100

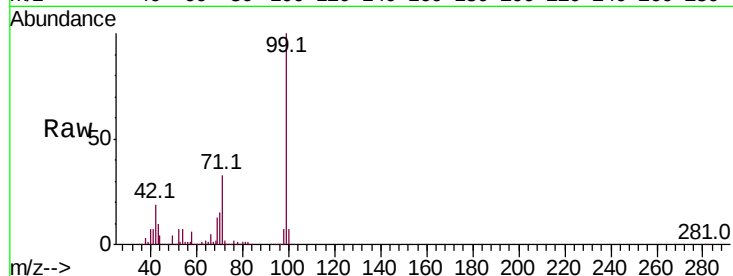
42 19.1 15.2 22.8

71 33.0 25.6 38.4

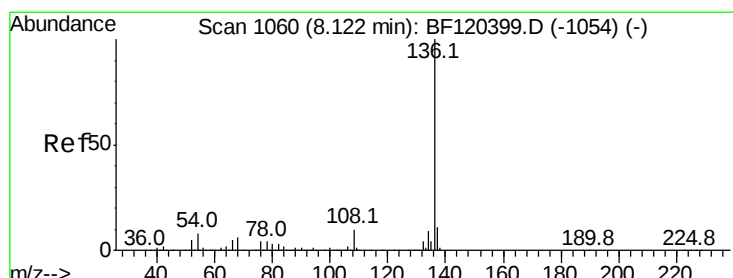
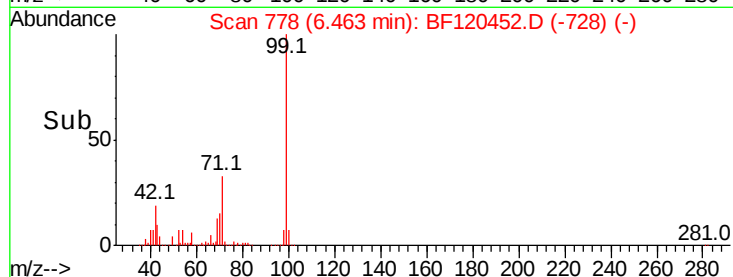
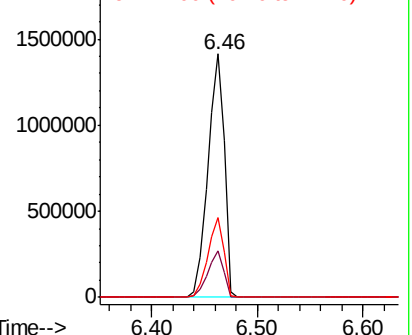
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120452.D

Acq: 29 May 2020 21:12

Tgt Ion: 136 Resp: 1050656

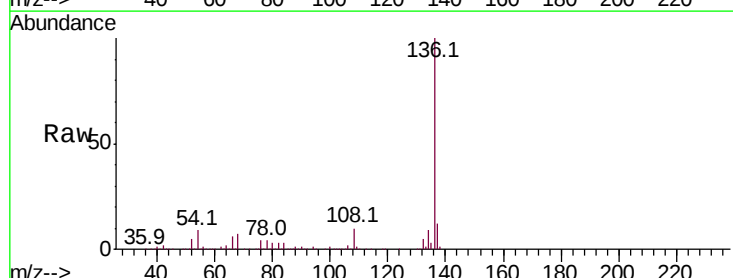
Ion Ratio Lower Upper

136 100

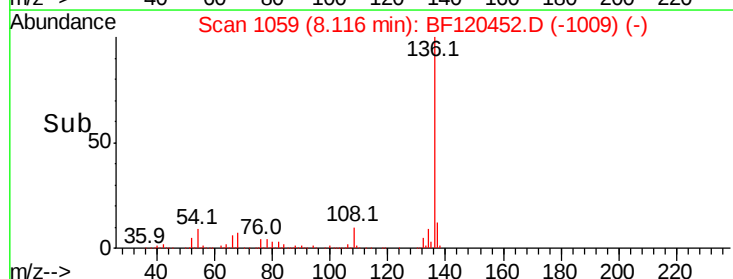
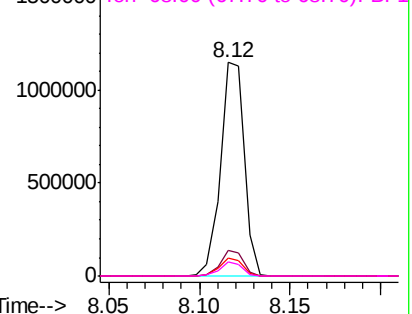
137 11.8 9.1 13.7

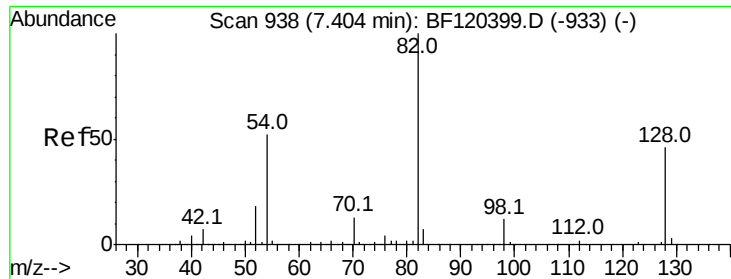
54 8.5 6.7 10.1

68 6.5 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





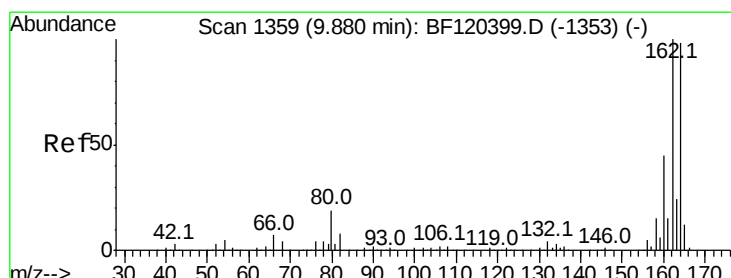
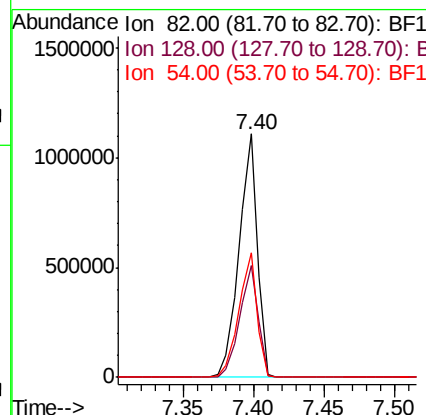
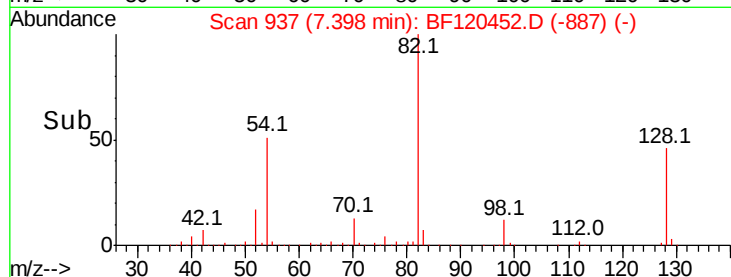
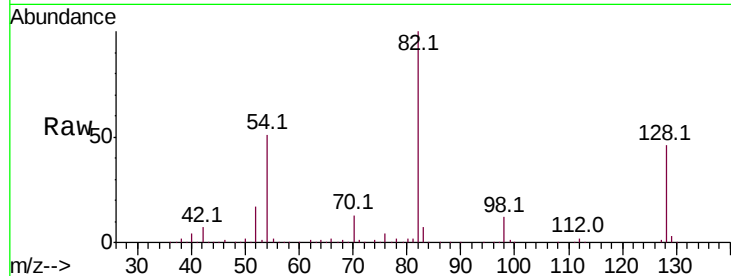
#23
 Nitrobenzene-d5
 Concen: 62.246 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120452.D
 Acq: 29 May 2020 21:12

Instrument :
 BNA_F
 ClientSampleId :
 NM84-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.8	55.2
54	51.1	41.6	62.4

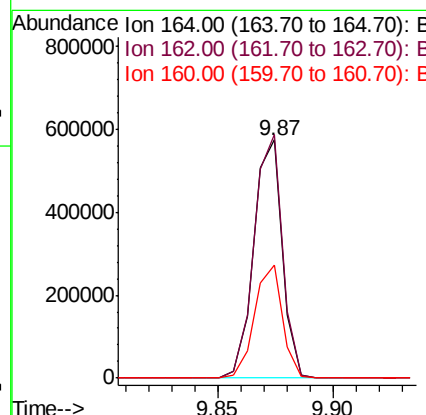
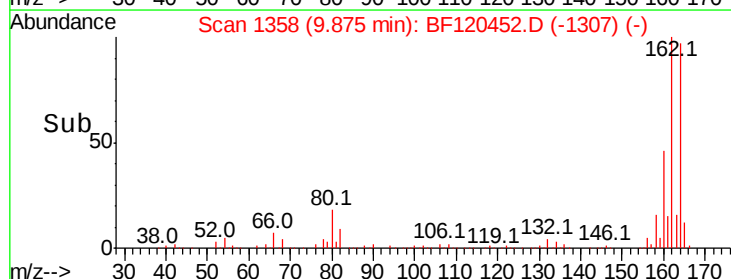
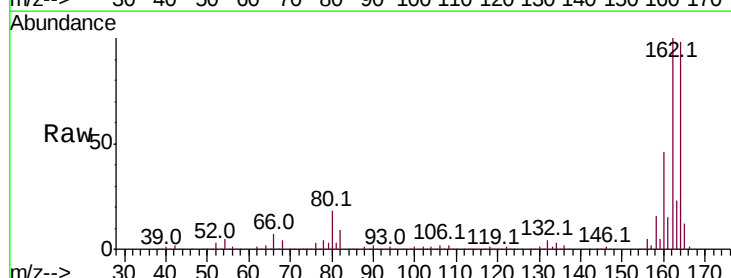
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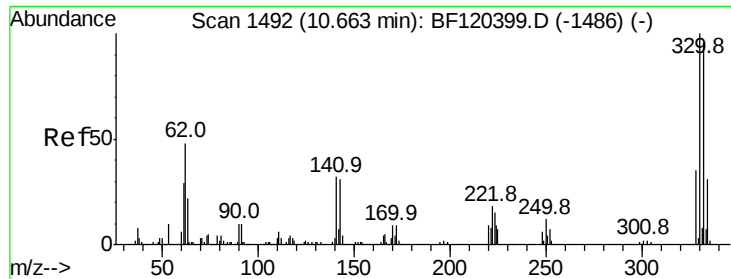
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF120452.D
 Acq: 29 May 2020 21:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	47.3	36.9	55.3





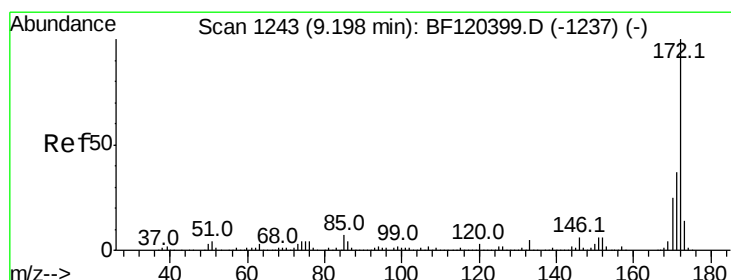
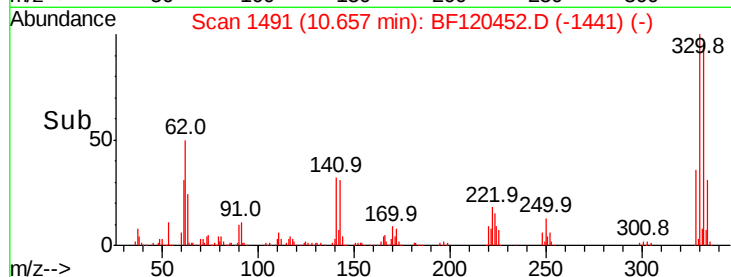
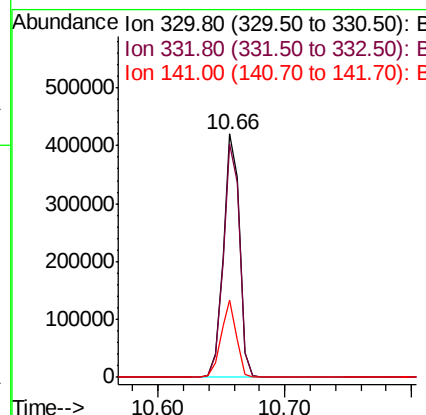
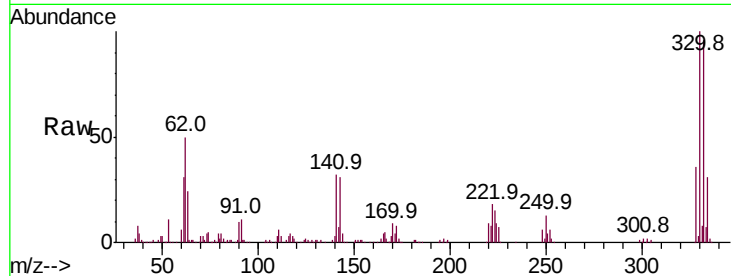
#42
 2,4,6-Tribromophenol
 Concen: 82.119 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120452.D
 Acq: 29 May 2020 21:12

Instrument :
 BNA_F
 ClientSampleId :
 NM84-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	378157		
332	96.6	77.0	115.6	
141	30.3	25.3	37.9	

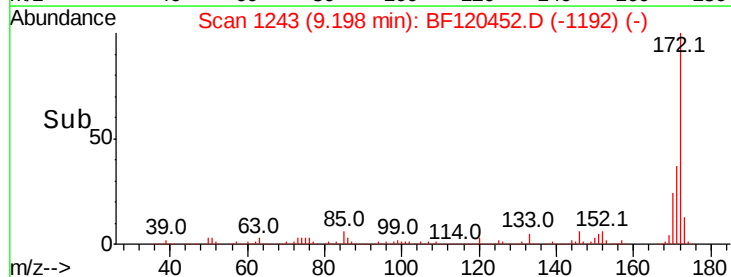
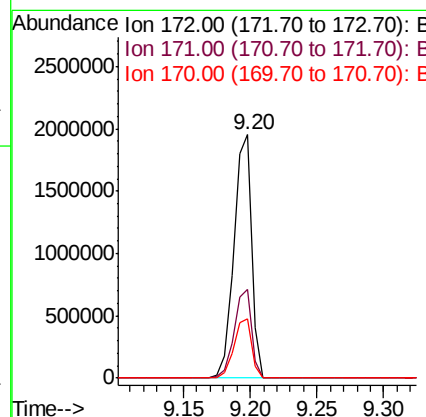
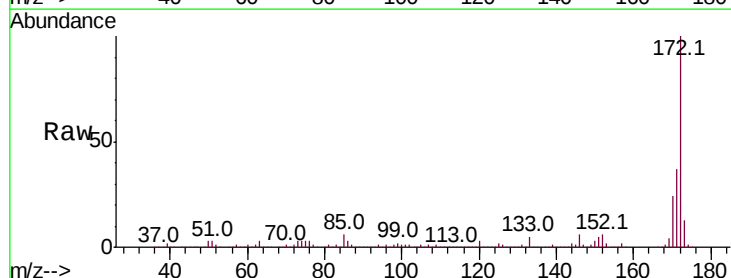
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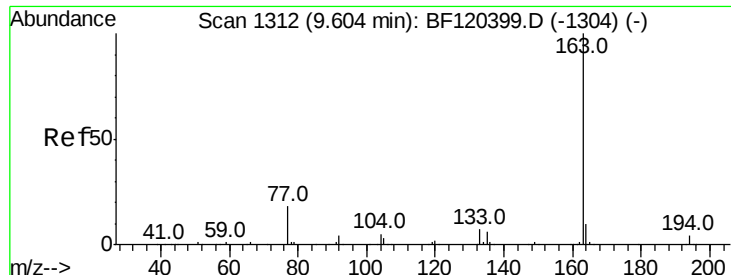
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#45
 2-Fluorobiphenyl
 Concen: 62.539 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120452.D
 Acq: 29 May 2020 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1831930		
171	36.6	29.7	44.5	
170	24.5	19.9	29.9	





#50

Dimethylphthalate

Concen: 10.898 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120452.D

Acq: 29 May 2020 21:12

Instrument :

BNA_F

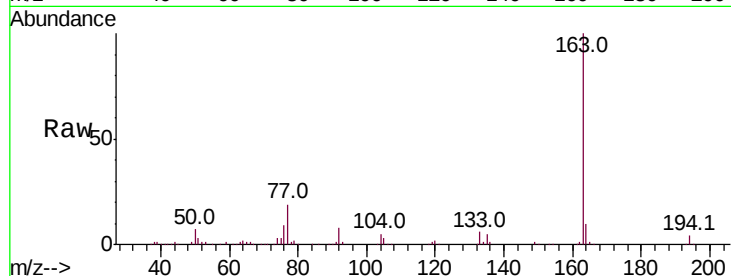
ClientSampleId :

NM84-COMP-2020-0-6

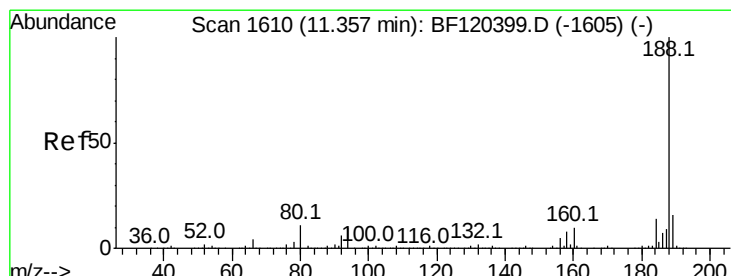
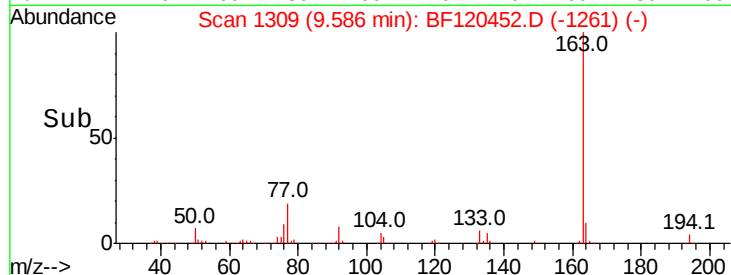
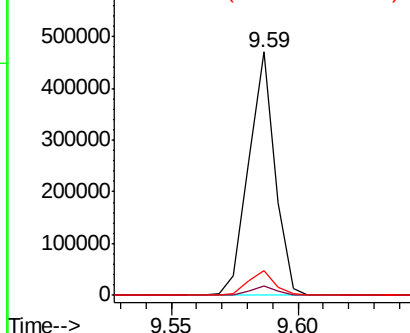
Tot Ion:	163	Resp:	338625
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	10.2	8.3	12.5

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

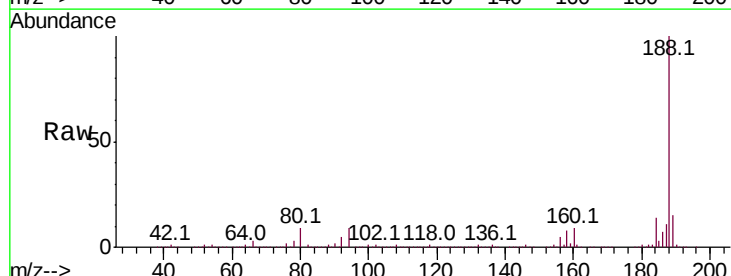
RT: 11.36 min Scan# 1610

Delta R.T. 0.00 min

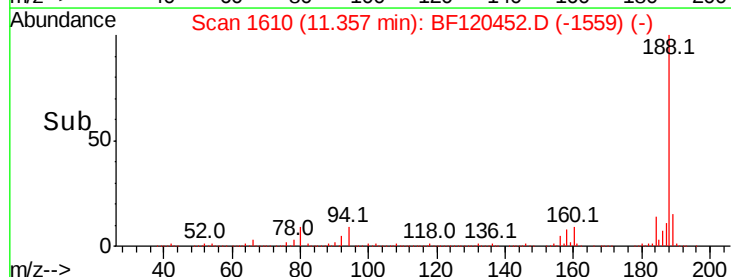
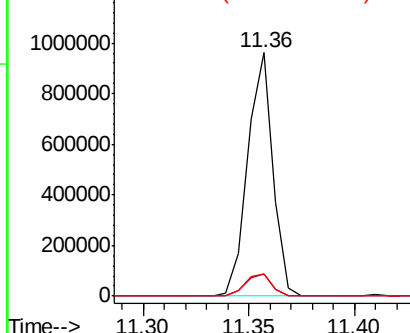
Lab File: BF120452.D

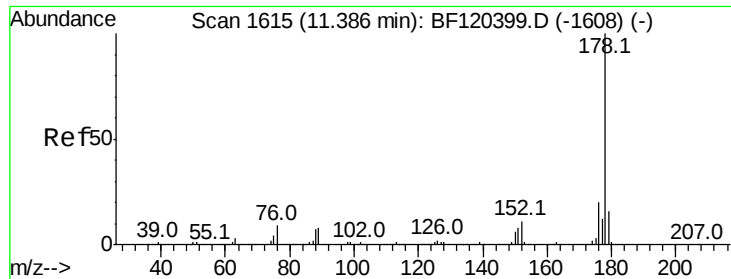
Acq: 29 May 2020 21:12

Tgt Ion:	188	Resp:	793062
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.9	11.9
80	9.2	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





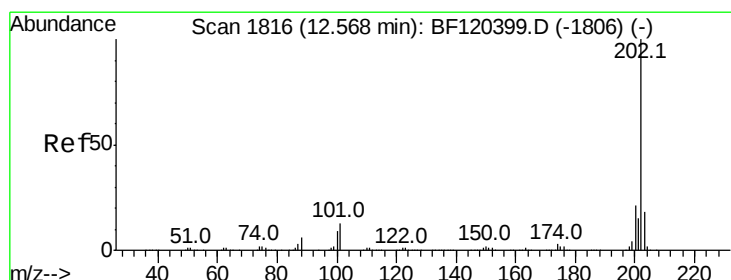
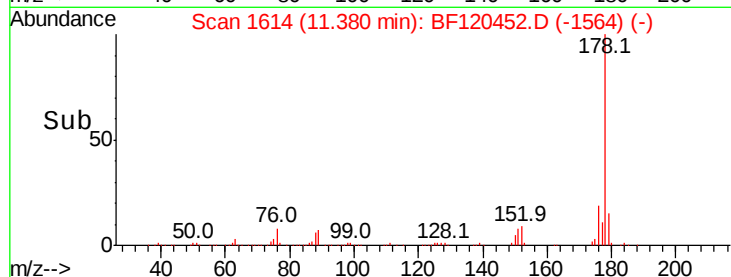
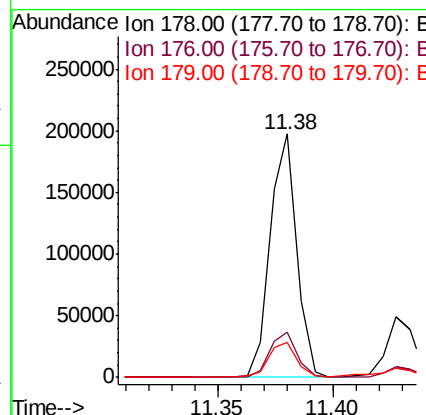
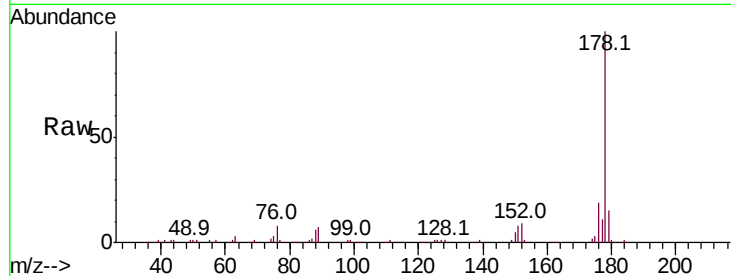
#71
Phenanthrene
Concen: 4.524 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

Instrument :
BNA_F
ClientSampleId :
NM84-COMP-2020-0-6

Tot Ion:	178	Resp:	158105
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.4	24.6
179	14.6	13.0	19.4

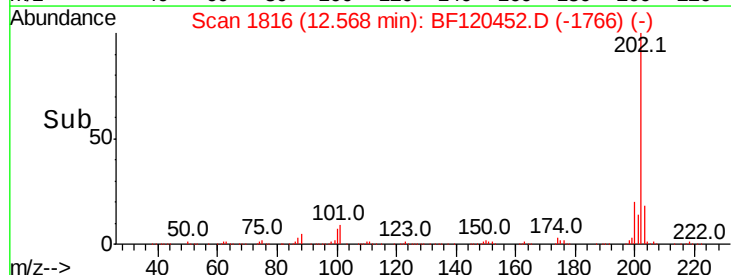
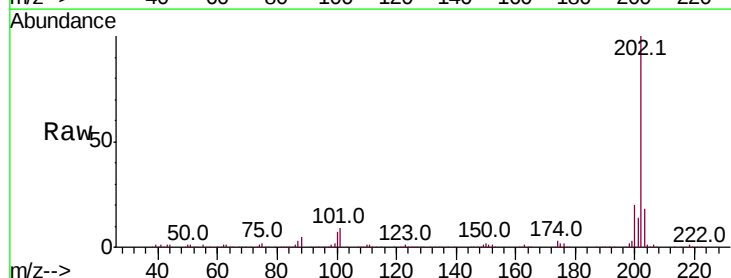
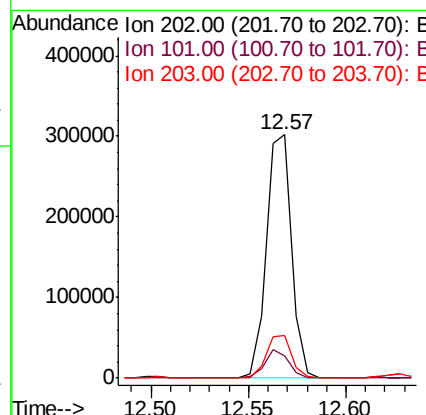
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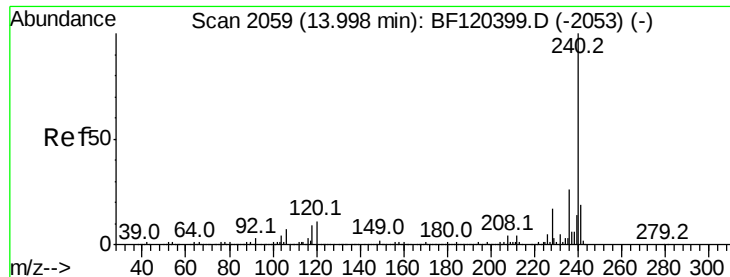
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#75
Fluoranthene
Concen: 7.160 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

Tgt Ion:	202	Resp:	269215
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	32.6
203	17.7	0.0	38.4





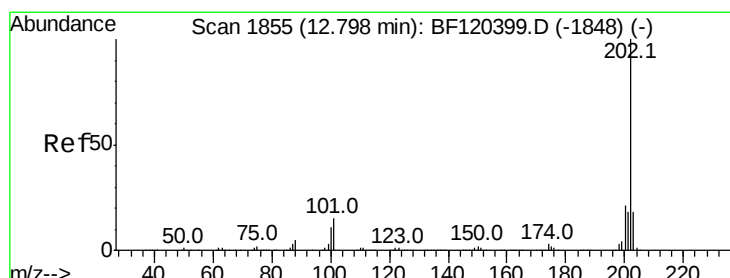
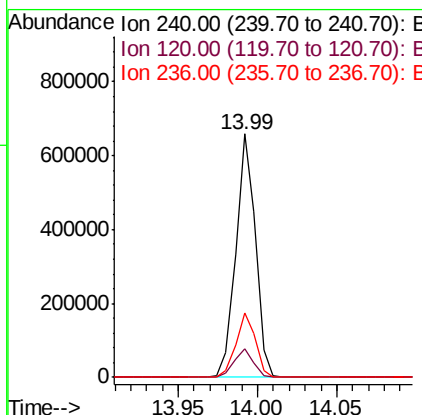
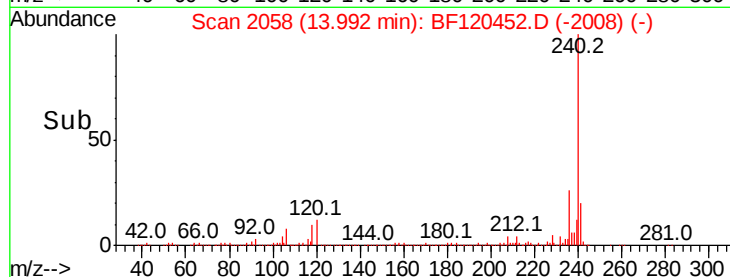
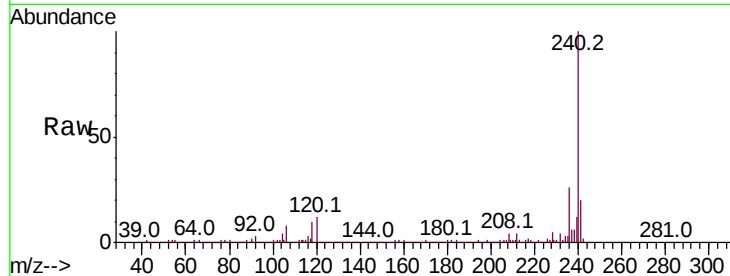
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

Instrument :
BNA_F
ClientSampleId :
NM84-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.8	8.8	13.2	
236	26.3	21.0	31.4	

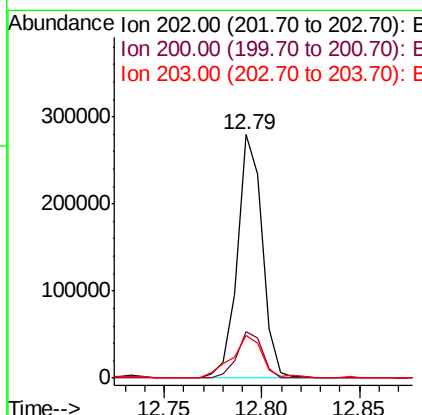
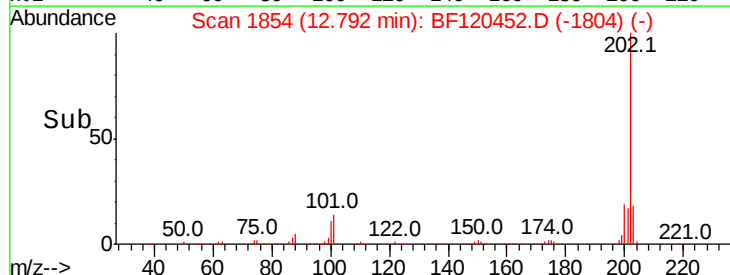
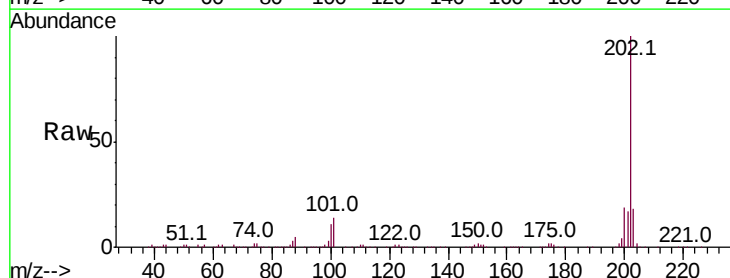
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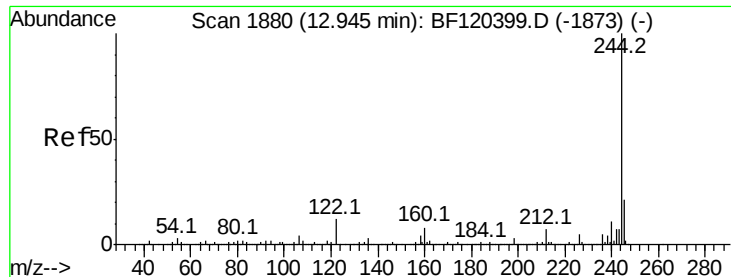
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#78
Pyrene
Concen: 6.308 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.1	17.0	25.4	
203	17.8	14.7	22.1	





#79

Terphenyl-d14

Concen: 61.006 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120452.D

Acq: 29 May 2020 21:12

Instrument :

BNA_F

ClientSampleId :

NM84-COMP-2020-0-6

Tot Ion:244 Resp: 1547641

Ion Ratio Lower Upper

244 100

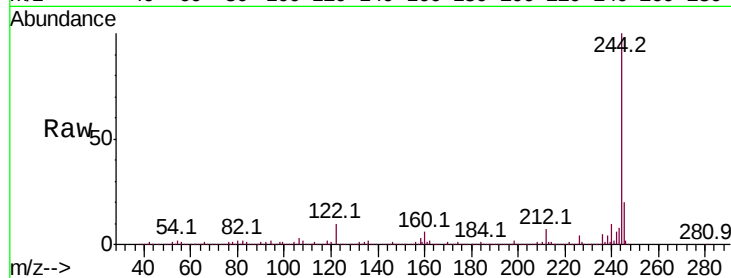
212 6.6 5.9 8.9

122 10.3 9.2 13.8

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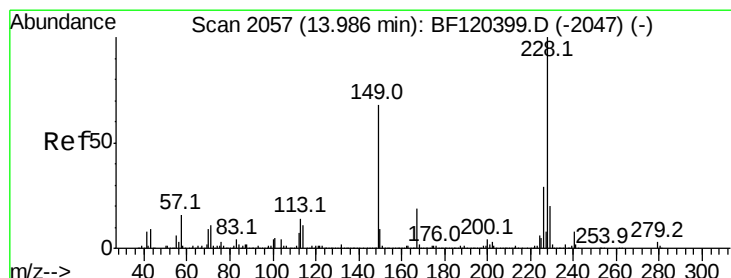
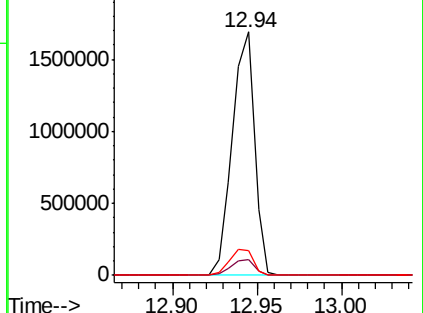
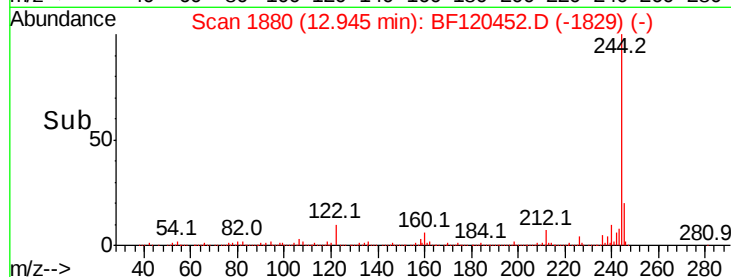
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.391 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120452.D

Acq: 29 May 2020 21:12

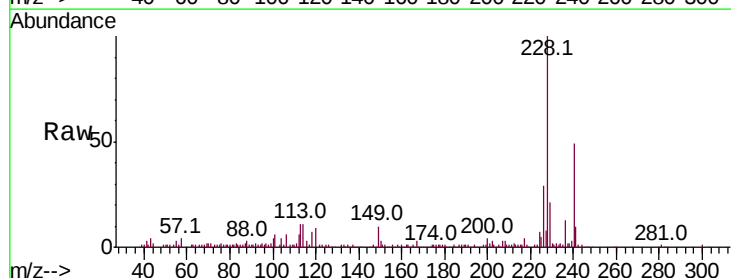
Tgt Ion:228 Resp: 132851

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.4

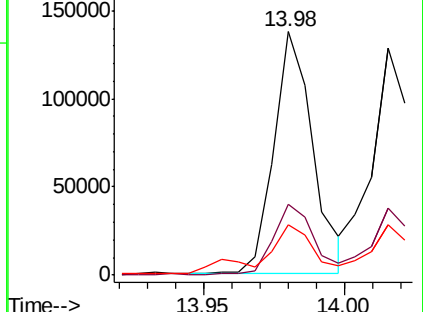
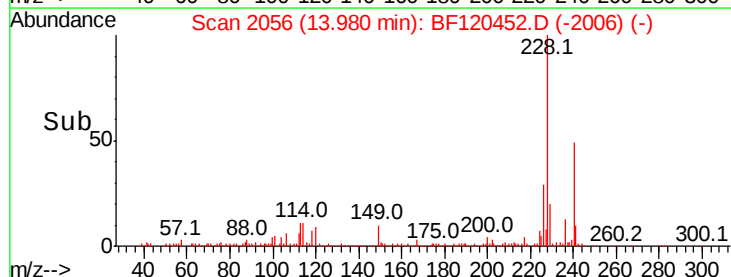
229 20.7 16.2 24.4

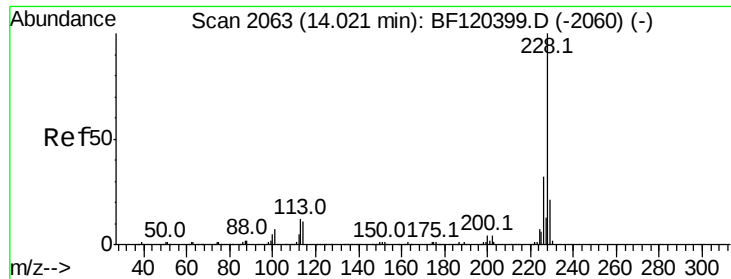


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





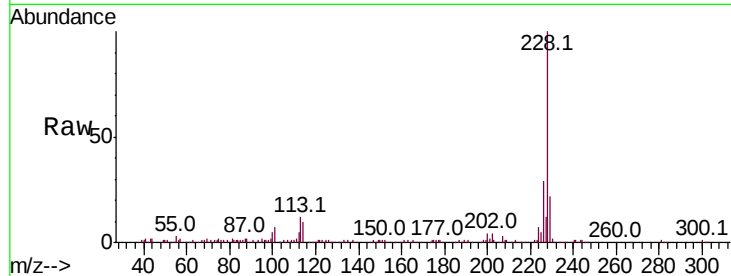
#83
Chrysene
Concen: 3.765 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

Instrument :
BNA_F
ClientSampleId :
NM84-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
228	100	119425		
226	29.5		25.6	38.4
229	22.0		16.6	25.0

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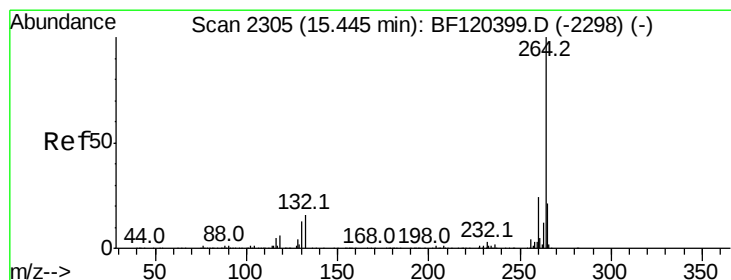
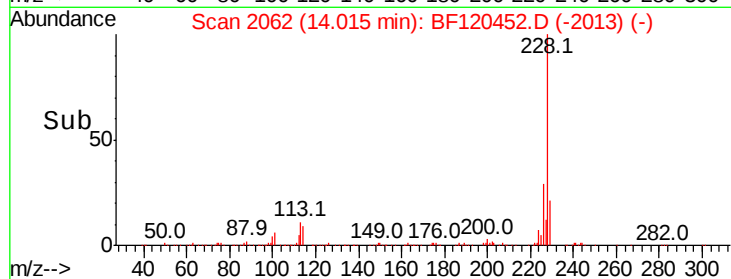
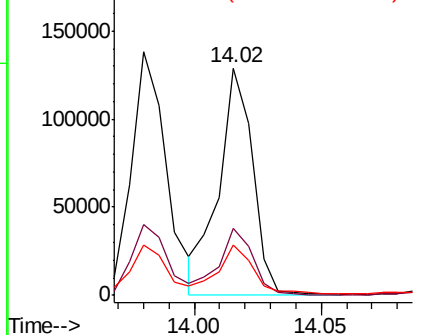


Abundance

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



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

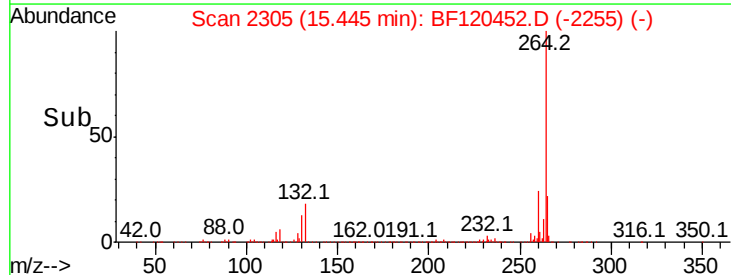
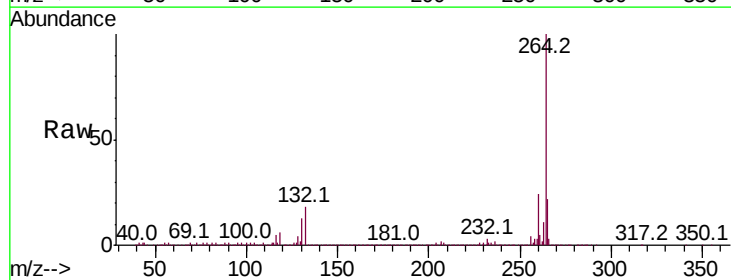
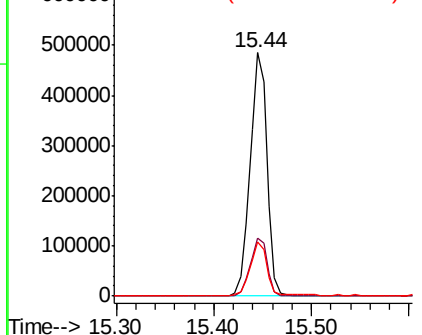
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	589710		
260	23.8		19.2	28.8
265	22.2		16.9	25.3

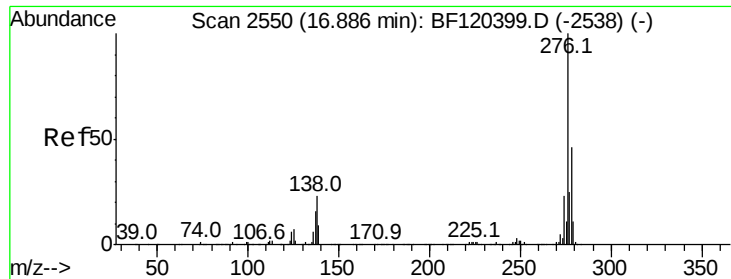
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





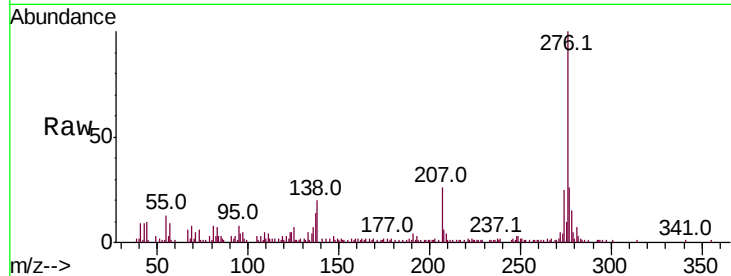
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.011 ng
 RT: 16.87 min Scan# 2548
 Delta R.T. -0.02 min
 Lab File: BF120452.D
 Acq: 29 May 2020 21:12

Instrument :
 BNA_F
 ClientSampleId :
 NM84-COMP-2020-0-6

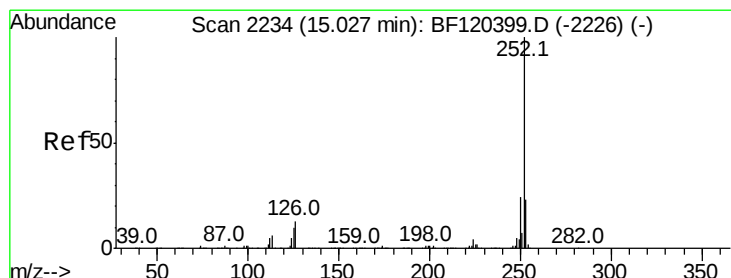
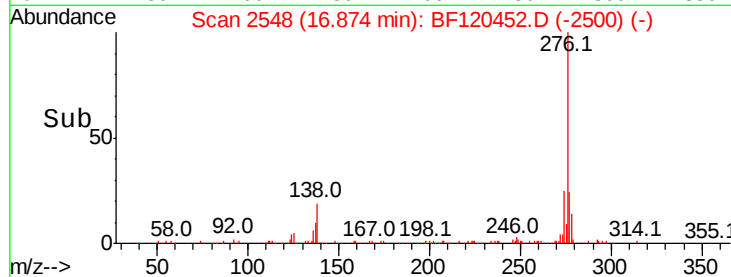
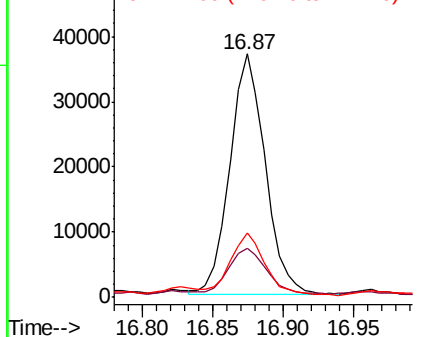
Tot Ion:	276	Resp:	64871
Ion Ratio	Lower	Upper	
276	100		
138	20.7	20.4	30.6
277	24.9	20.4	30.6

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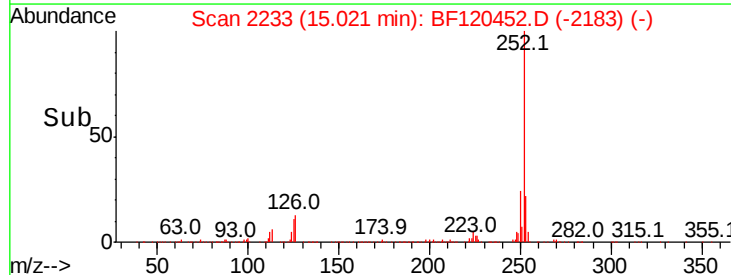
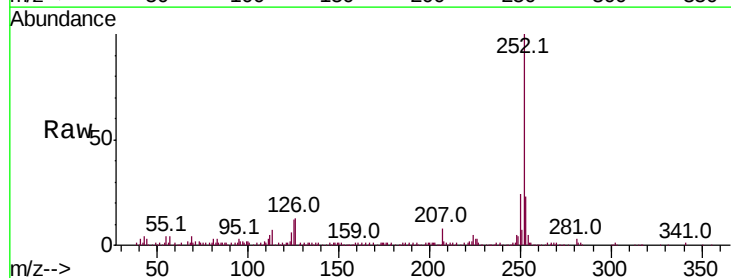
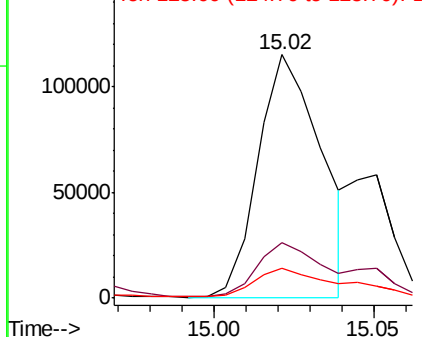
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

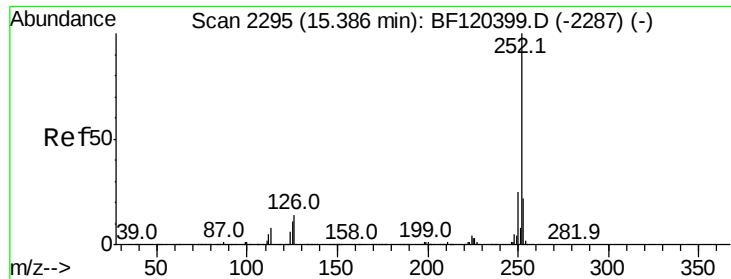


#88
 Benzo(b)fluoranthene
 Concen: 4.836 ng m
 RT: 15.02 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120452.D
 Acq: 29 May 2020 21:12

Tgt Ion:	252	Resp:	158393
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	12.2	7.8	11.8#

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





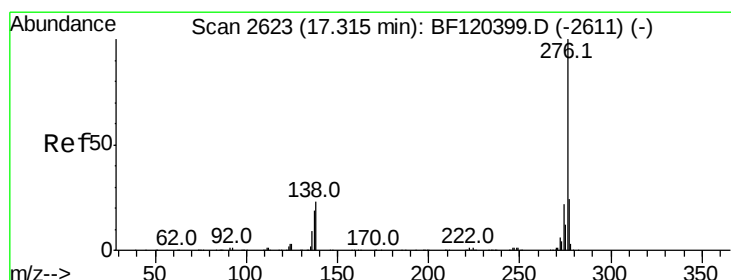
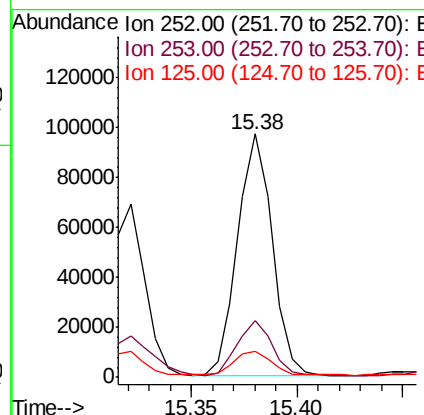
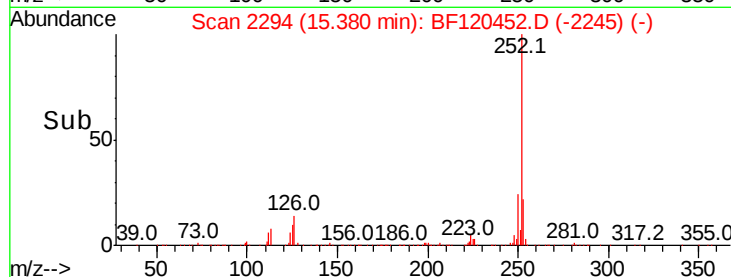
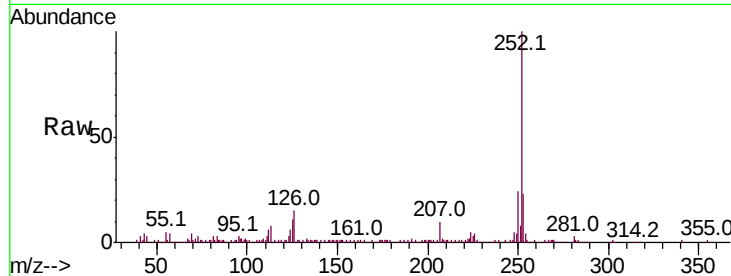
#90
Benzo(a)pyrene
Concen: 3.870 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

Instrument :
BNA_F
ClientSampleId :
NM84-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	10.8	8.7	13.1

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#92
Benzo(g,h,i)perylene
Concen: 2.404 ng
RT: 17.31 min Scan# 2622
Delta R.T. -0.02 min
Lab File: BF120452.D
Acq: 29 May 2020 21:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	20.4	18.1	27.1

