

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120418.D
 Acq On : 28 May 2020 20:00
 Operator : MA/SJ
 Sample : L2746-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM83-COMP-2020-0-6

Manual Integrations
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Quant Time: May 29 04:41:00 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	249609	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	871285	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	396634	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	654299	20.00	ng	0.00
76) Chrysene-d12	13.99	240	541646	20.00	ng	0.00
86) Perylene-d12	15.45	264	531306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1190054	90.86	ng	0.00
7) Phenol-d6	6.46	99	1490432	92.32	ng	0.00
23) Nitrobenzene-d5	7.40	82	938324	70.45	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	344305	93.69	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1686680	72.15	ng	0.00
79) Terphenyl-d14	12.95	244	1552676	63.79	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	295738	11.93	ng	99
71) Phenanthrene	11.38	178	373824	12.97	ng	98
72) Anthracene	11.43	178	89763	3.10	ng	98
75) Fluoranthene	12.57	202	733567	23.65	ng	98
78) Pyrene	12.80	202	696355	18.49	ng	99
81) Benzo(a)anthracene	13.99	228	387535	13.35	ng	99
83) Chrysene	14.02	228	371016	12.19	ng	97
87) Indeno(1,2,3-cd)pyrene	16.88	276	203423	7.00	ng	95
88) Benzo(b)fluoranthene	15.03	252	515762m	17.48	ng	
89) Benzo(k)fluoranthene	15.05	252	124592m	4.52	ng	
90) Benzo(a)pyrene	15.39	252	341228	13.22	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	47701	2.01	ng	93
92) Benzo(g,h,i)perylene	17.32	276	191578	8.20	ng	99

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

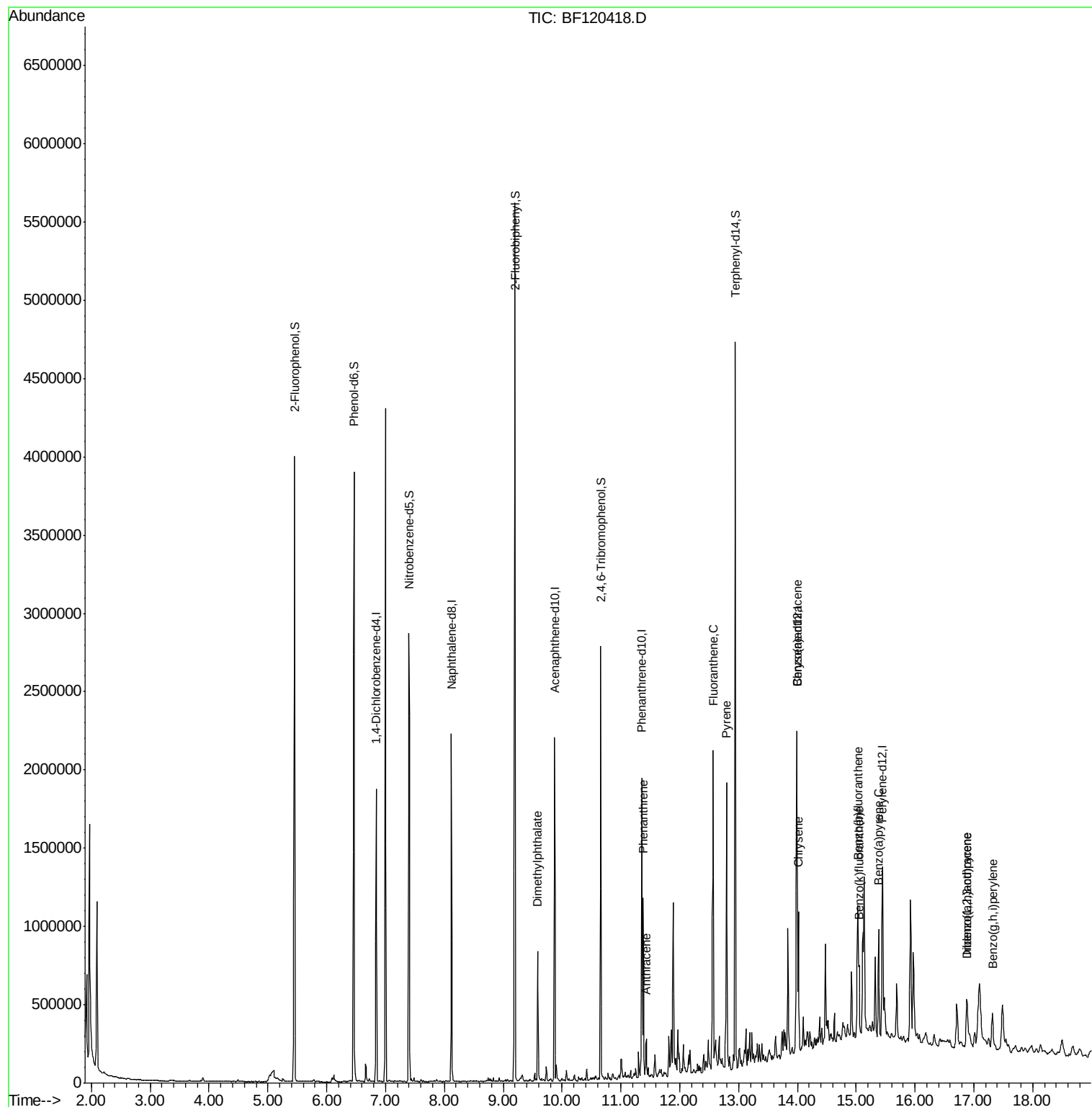
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120418.D
Acq On : 28 May 2020 20:00
Operator : MA/SJ
Sample : L2746-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

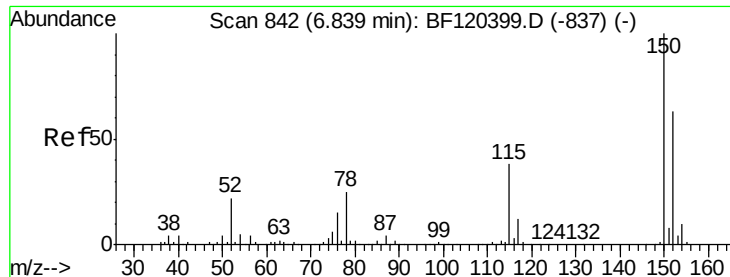
Instrument :
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NM83-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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QLast Update : Thu May 28 13:47:54 2020
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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: BF120418.D

Acq: 28 May 2020 20:00

Instrument :

BNA_F

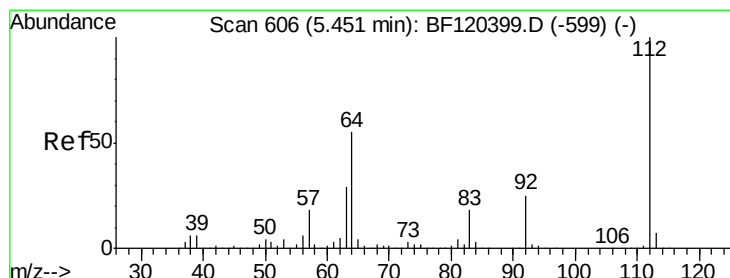
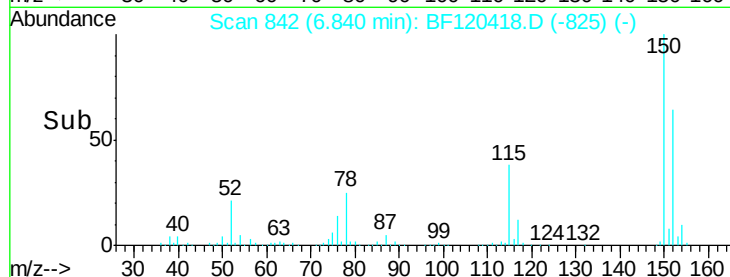
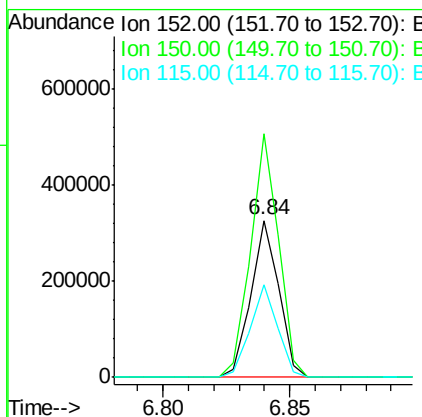
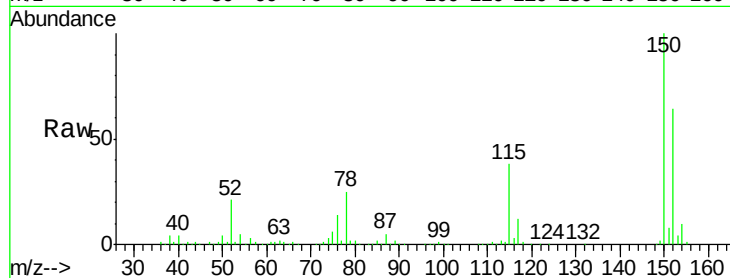
ClientSampleId :

NM83-COMP-2020-0-6

Tgt Ion:	152	Resp:	249609
Ion Ratio	Lower	Upper	
152	100		
150	155.0	126.5	189.7
115	58.6	47.6	71.4

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#5

2-Fluorophenol

Concen: 90.86 ng

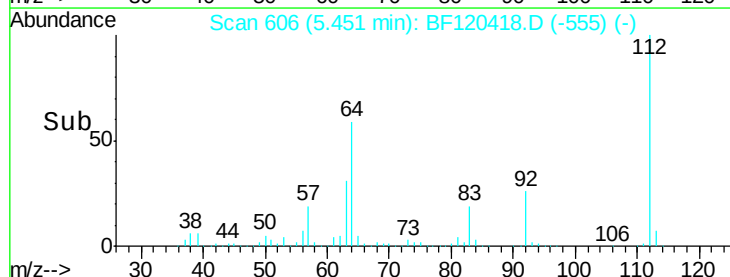
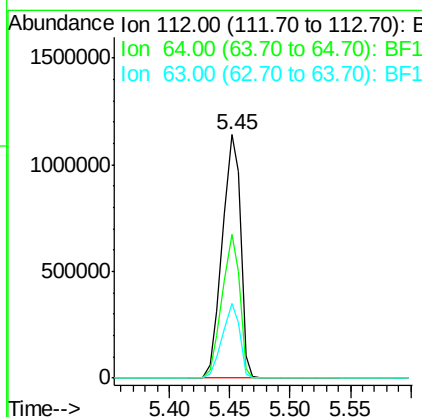
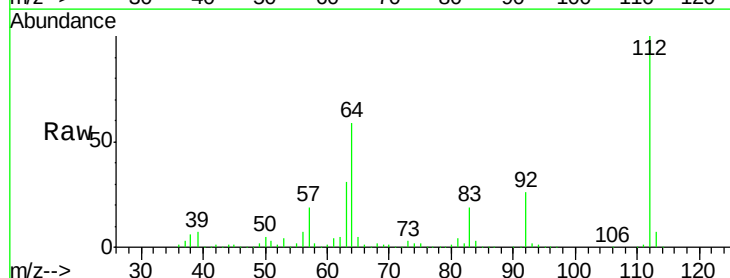
RT: 5.45 min Scan# 606

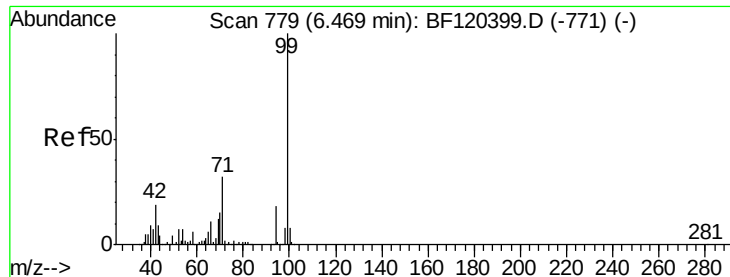
Delta R.T. 0.00 min

Lab File: BF120418.D

Acq: 28 May 2020 20:00

Tgt Ion:	112	Resp:	1190054
Ion Ratio	Lower	Upper	
112	100		
64	58.9	44.3	66.5
63	30.8	22.9	34.3





#7

Phenol-d6

Concen: 92.32 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120418.D

Acq: 28 May 2020 20:00

Instrument :

BNA_F

ClientSampleId :

NM83-COMP-2020-0-6

Tgt Ion: 99 Resp: 1490432

Ion Ratio Lower Upper

99 100

42 20.1 15.2 22.8

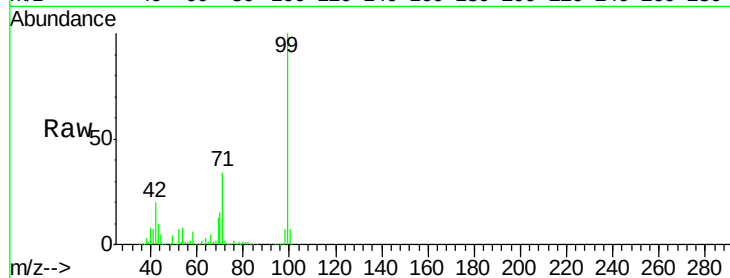
71 33.6 25.6 38.4

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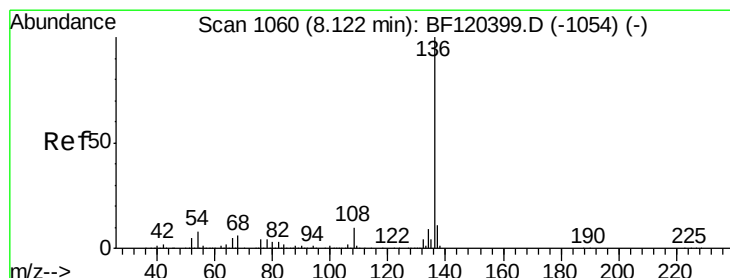
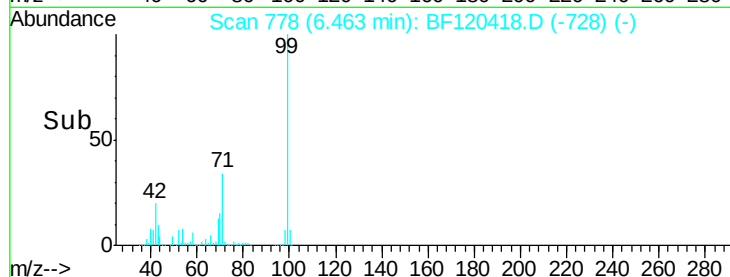
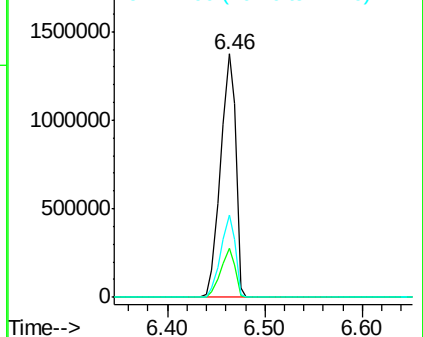
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF120418.D

Acq: 28 May 2020 20:00

Tgt Ion: 136 Resp: 871285

Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.8 6.7 10.1

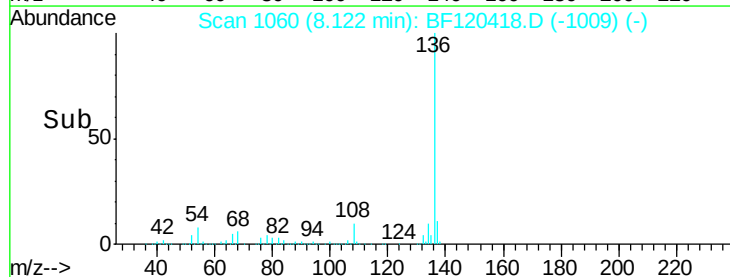
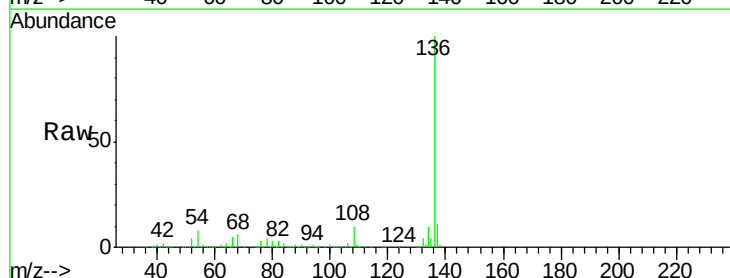
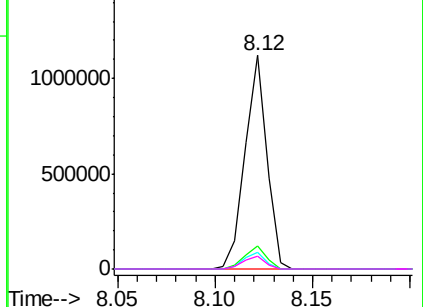
68 6.2 5.0 7.4

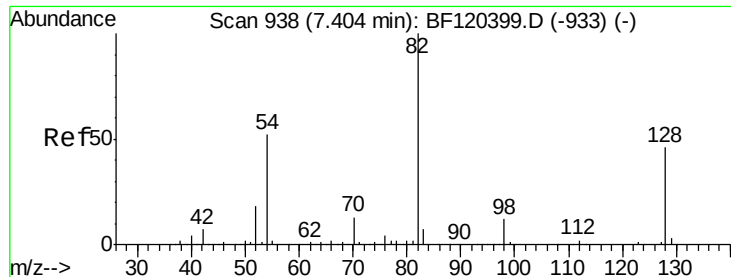
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





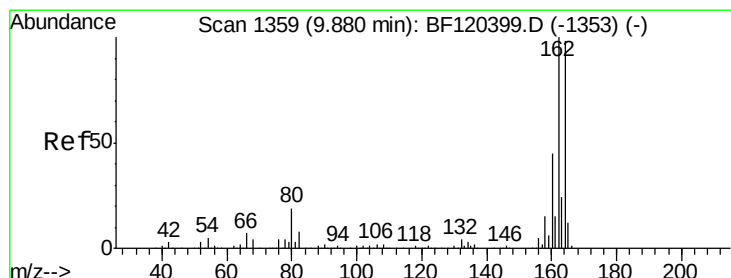
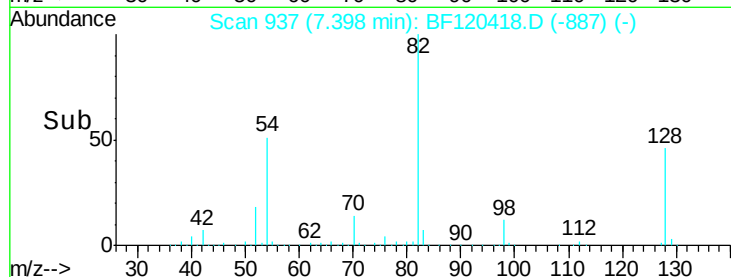
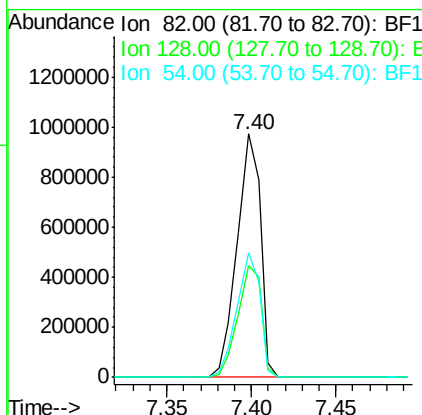
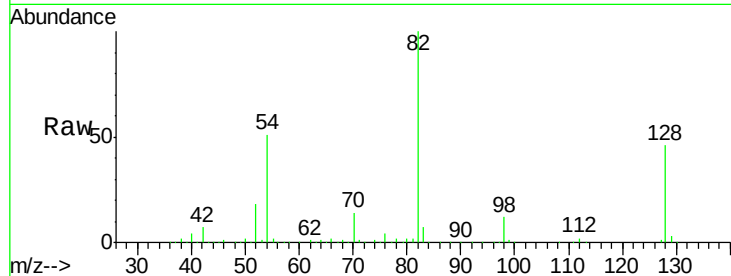
#23
Nitrobenzene-d5
Concen: 70.45 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Instrument :
BNA_F
ClientSampleId :
NM83-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	938324		
128	45.7	36.8	55.2	
54	51.3	41.6	62.4	

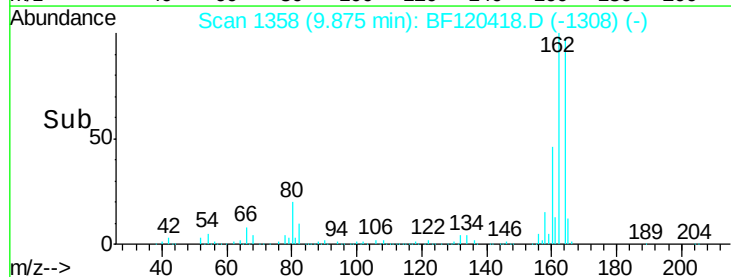
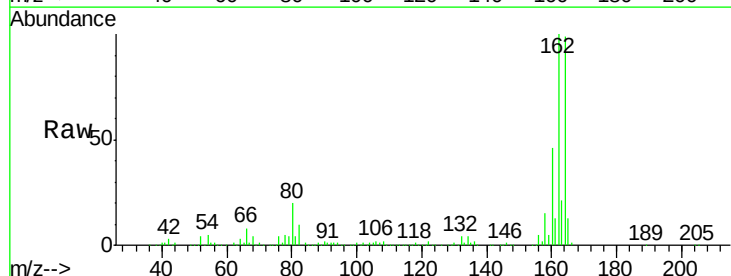
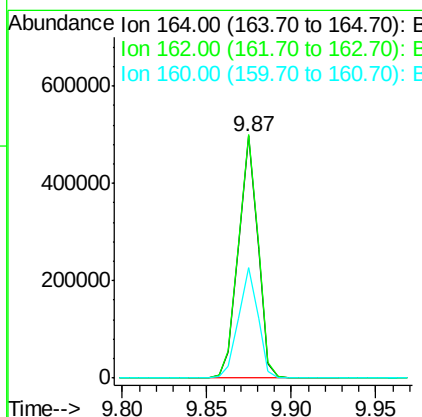
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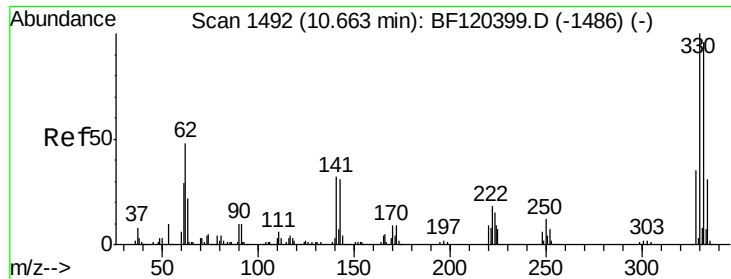
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	396634		
162	100.7	81.3	121.9	
160	45.8	36.9	55.3	





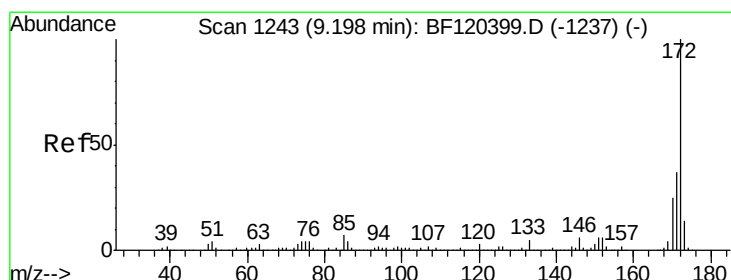
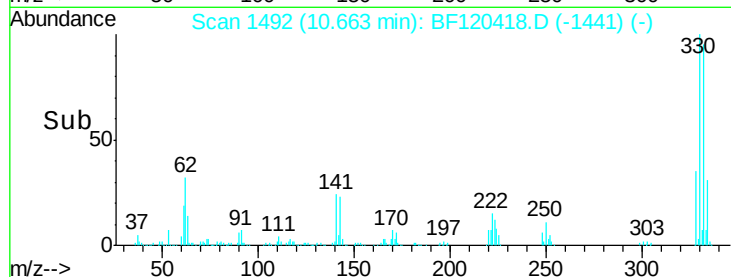
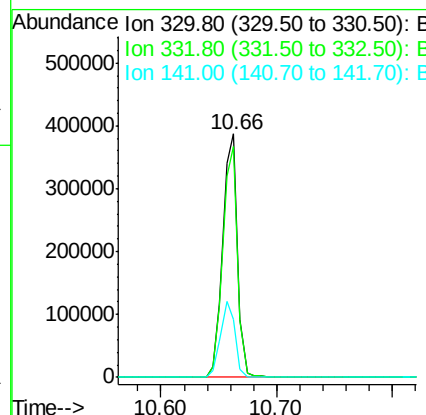
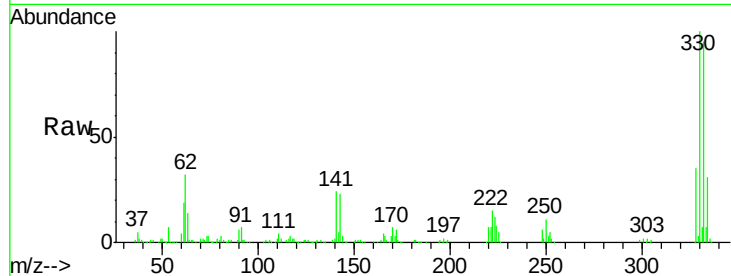
#42
 2,4,6-Tribromophenol
 Concen: 93.69 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120418.D
 Acq: 28 May 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 NM83-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	344305		
332	95.0	77.0	115.6	
141	31.2	25.3	37.9	

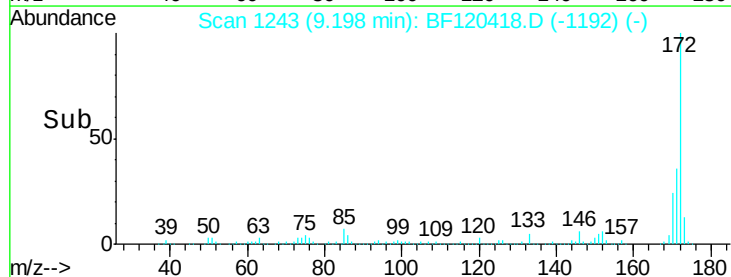
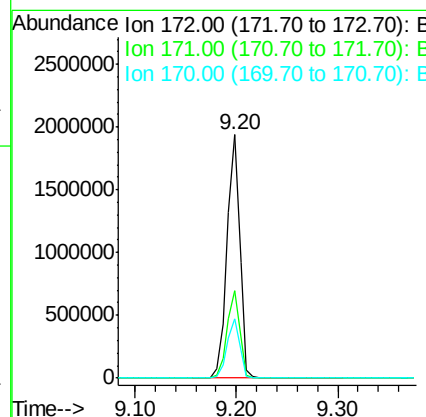
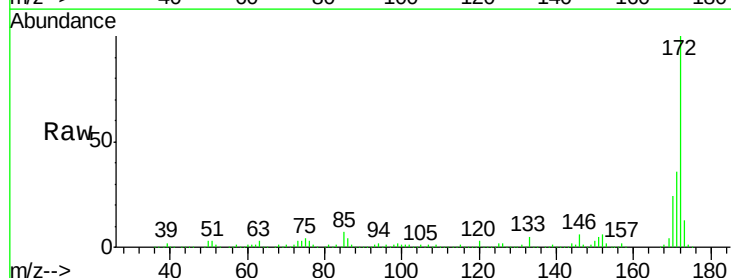
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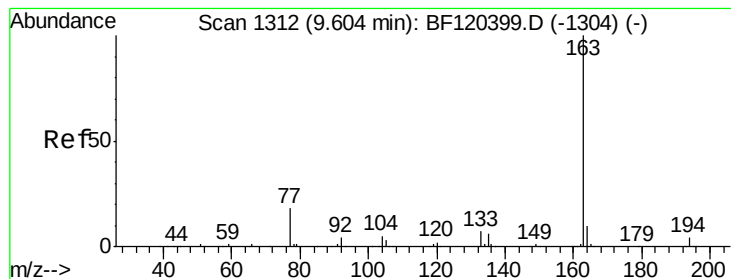
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#45
 2-Fluorobiphenyl
 Concen: 72.15 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120418.D
 Acq: 28 May 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1686680		
171	36.1	29.7	44.5	
170	24.5	19.9	29.9	





#50

Dimethylphthalate

Concen: 11.93 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120418.D

Acq: 28 May 2020 20:00

Instrument :

BNA_F

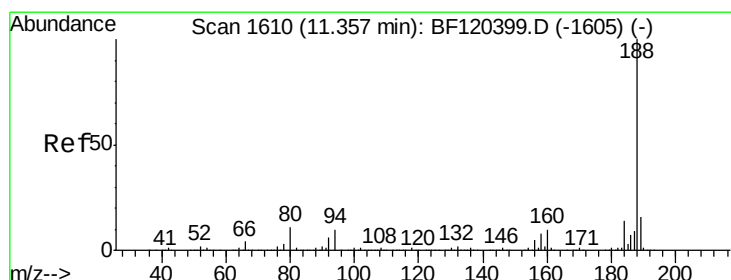
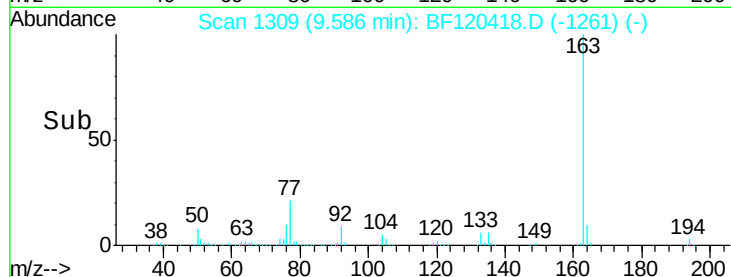
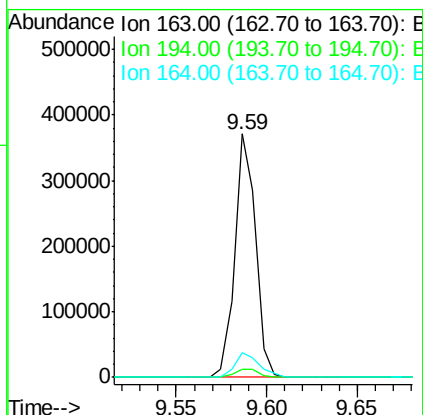
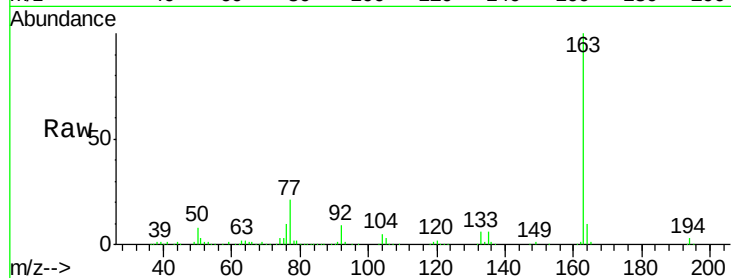
ClientSampleId :

NM83-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	295738		
194	3.5		3.3	4.9
164	10.0		8.3	12.5

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#64

Phenanthrene-d10

Concen: 20.00 ng

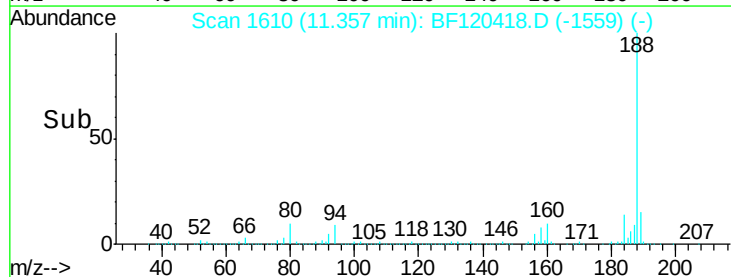
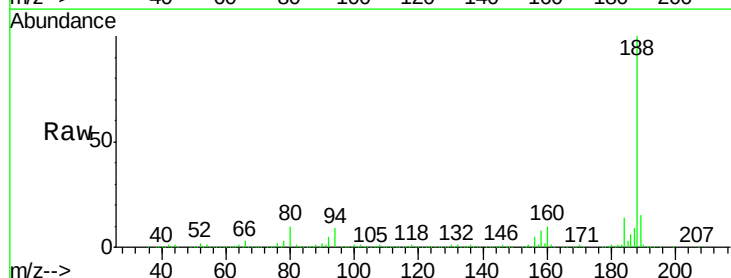
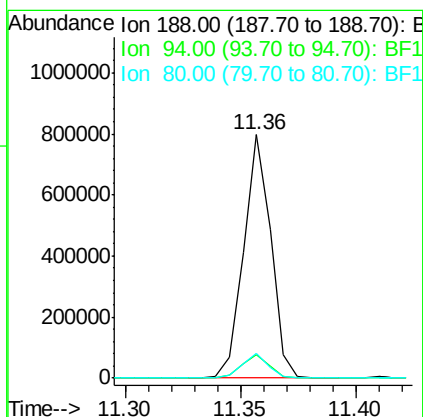
RT: 11.36 min Scan# 1610

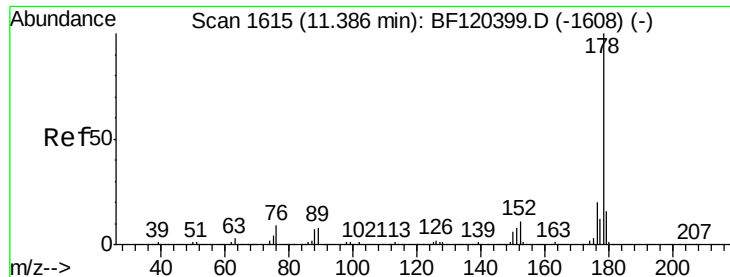
Delta R.T. 0.00 min

Lab File: BF120418.D

Acq: 28 May 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	654299		
94	9.5		7.9	11.9
80	10.0		8.6	13.0





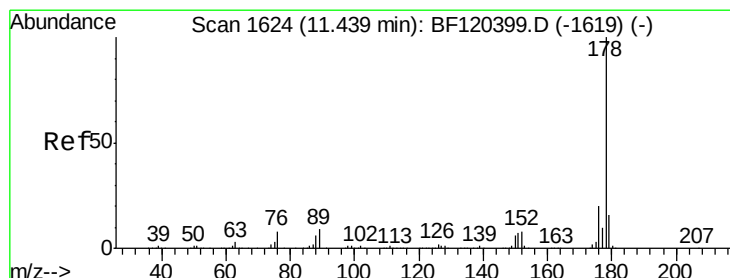
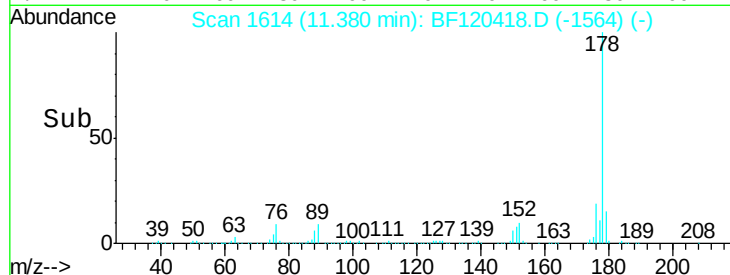
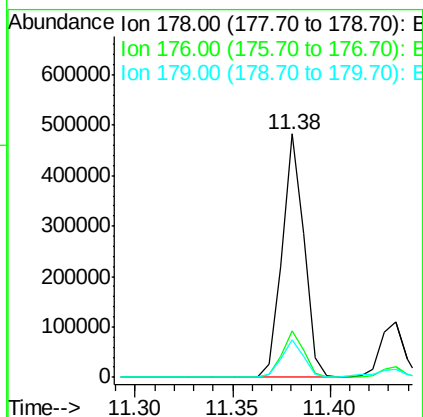
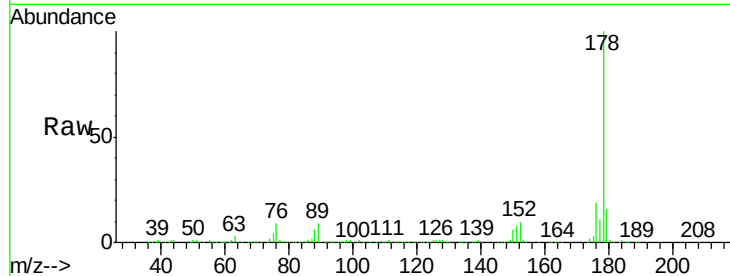
#71
Phenanthrene
Concen: 12.97 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.5	13.0	19.4

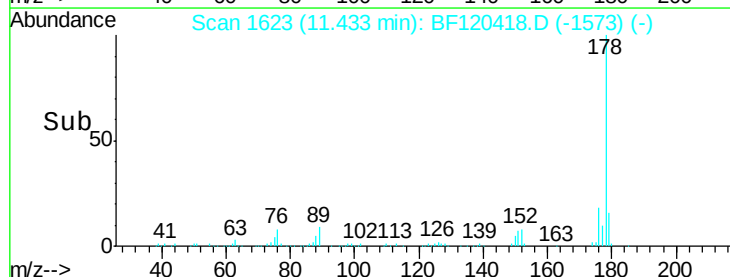
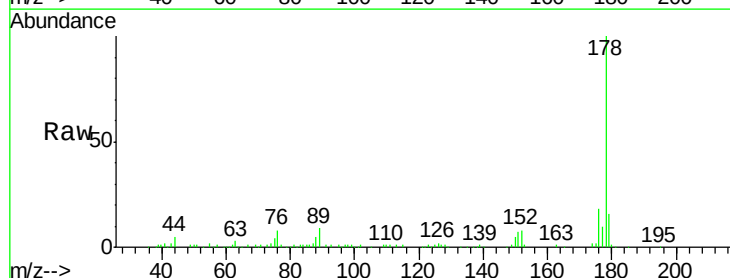
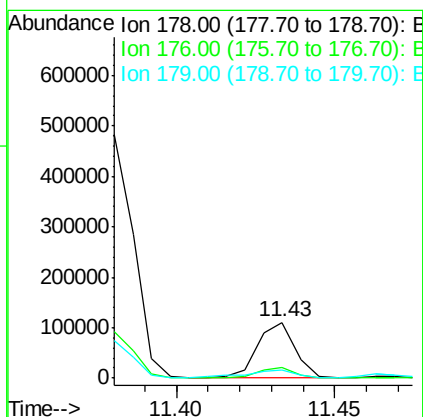
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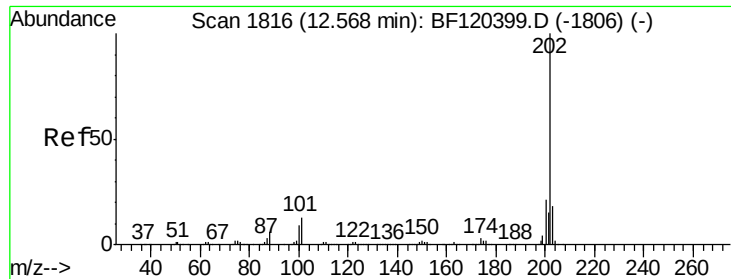
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#72
Anthracene
Concen: 3.10 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	15.6	12.8	19.2





#75

Fluoranthene

Concen: 23.65 ng

RT: 12.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF120418.D

Acq: 28 May 2020 20:00

Instrument :

BNA_F

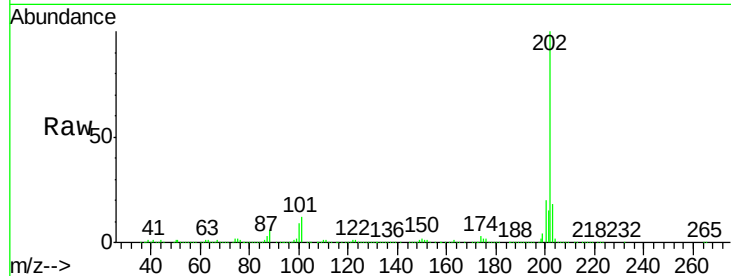
ClientSampleId :

NM83-COMP-2020-0-6

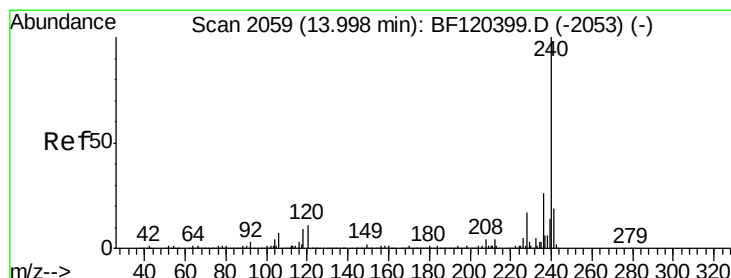
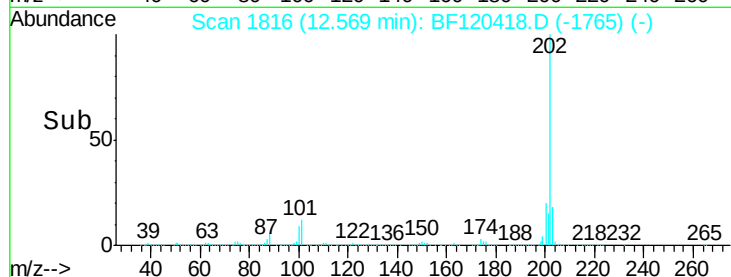
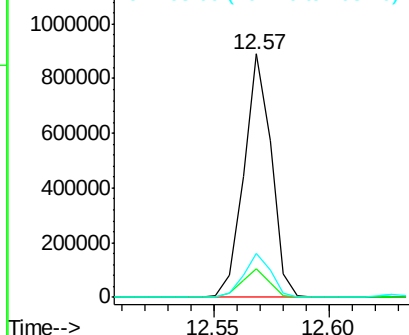
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		733567		
101	11.6	0.0	32.6		
203	17.8	0.0	38.4		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

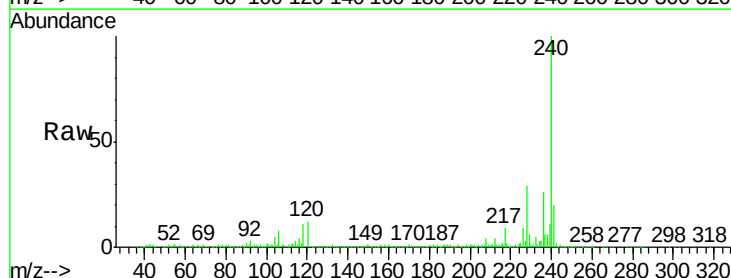
RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

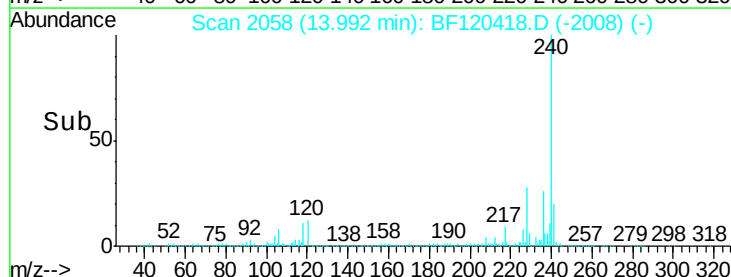
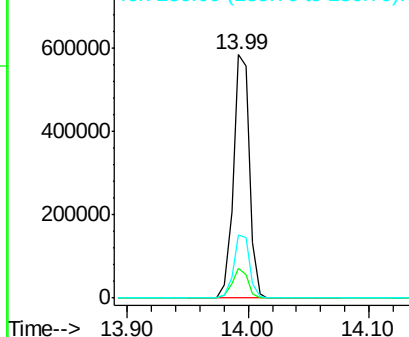
Lab File: BF120418.D

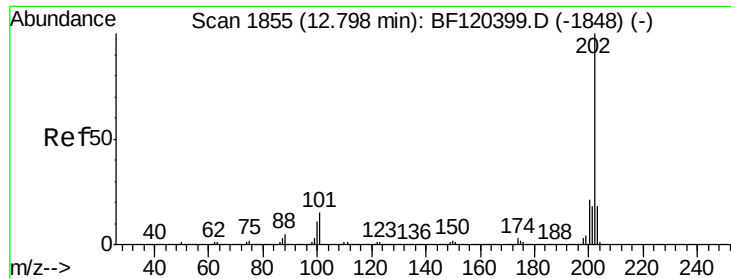
Acq: 28 May 2020 20:00

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		541646		
120	12.4	8.8	13.2		
236	25.9	21.0	31.4		



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





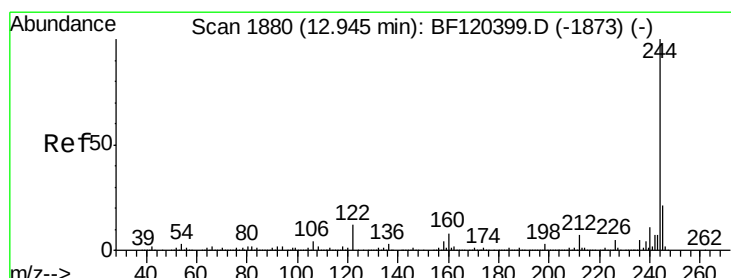
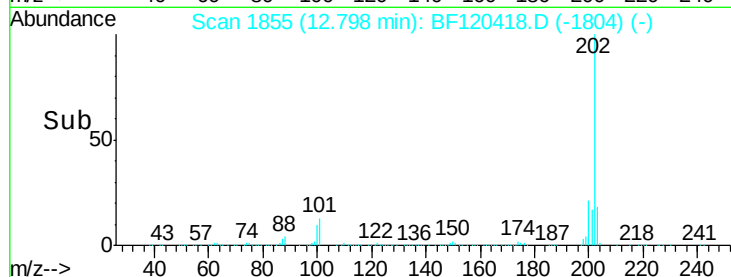
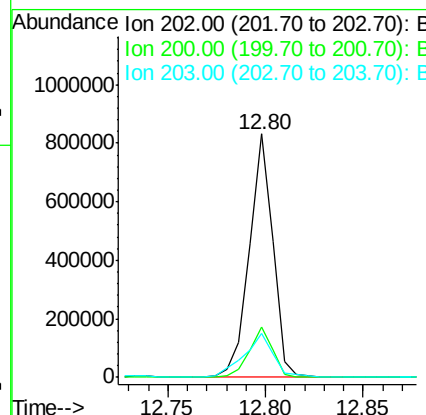
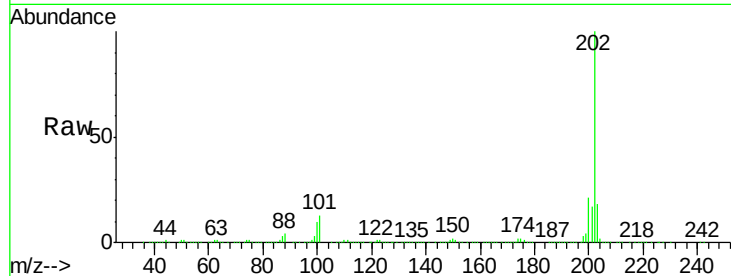
#78
Pyrene
Concen: 18.49 ng
RT: 12.80 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Instrument :
BNA_F
ClientSampleId :
NM83-COMP-2020-0-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.6	17.0	25.4
203	18.0	14.7	22.1

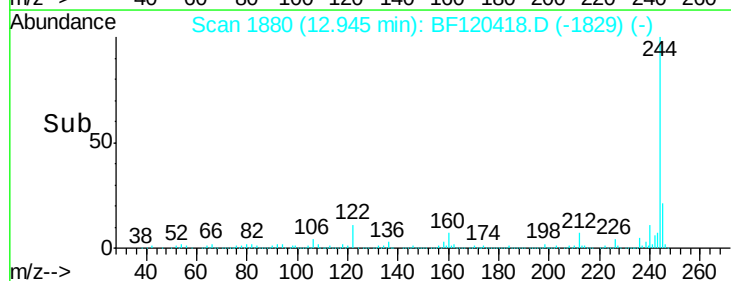
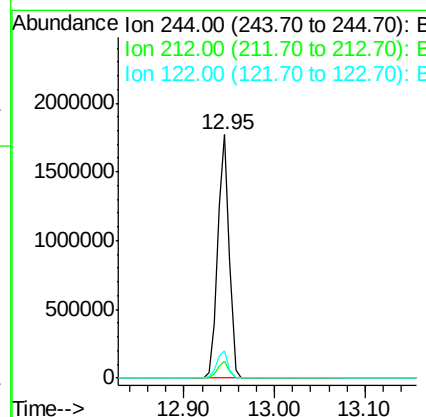
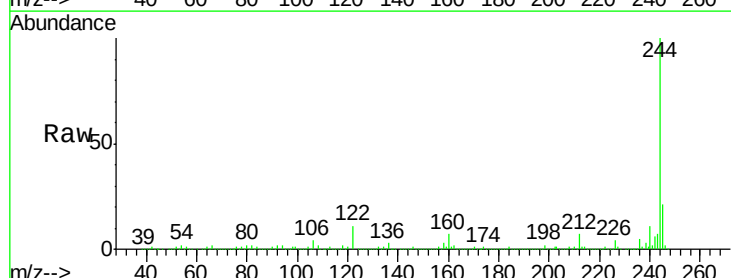
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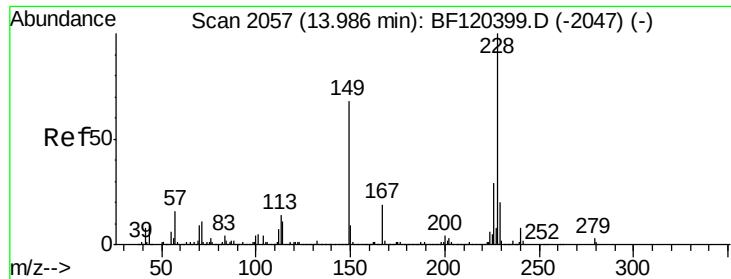
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#79
Terphenyl-d14
Concen: 63.79 ng
RT: 12.95 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

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





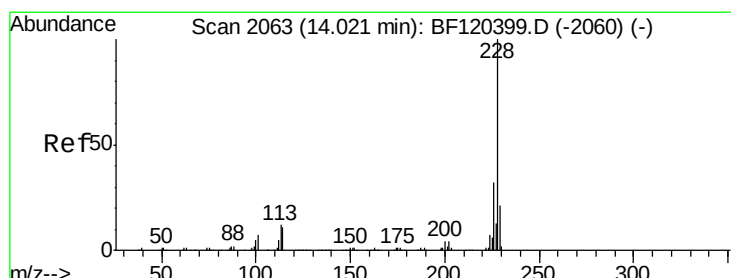
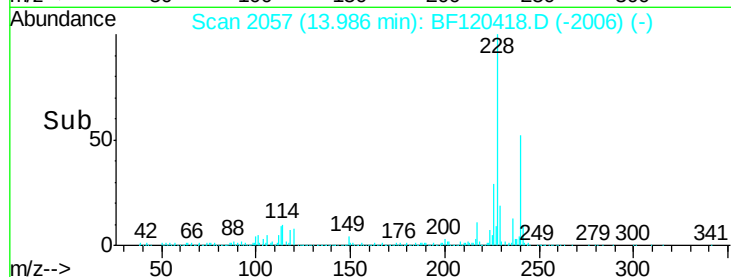
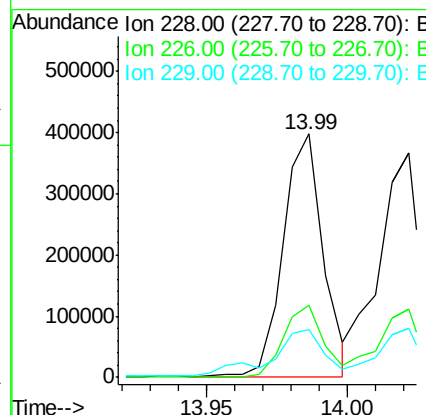
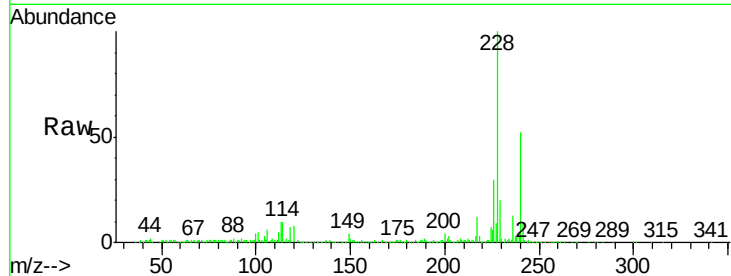
#81
Benzo(a)anthracene
Concen: 13.35 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Instrument :
BNA_F
ClientSampleId :
NM83-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.4
229	19.9	16.2	24.4

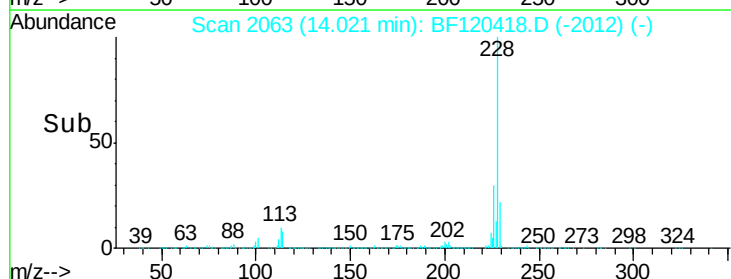
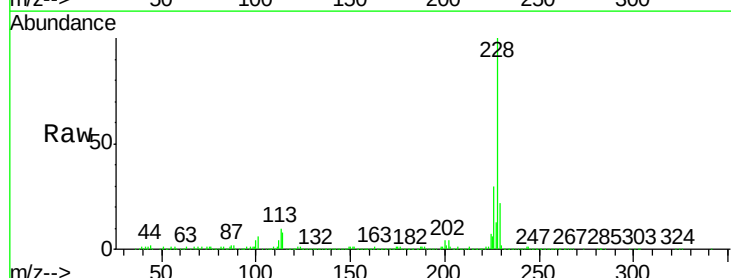
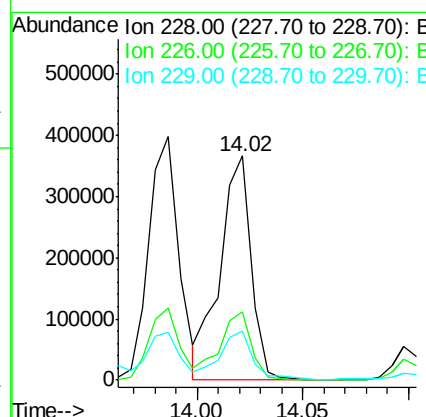
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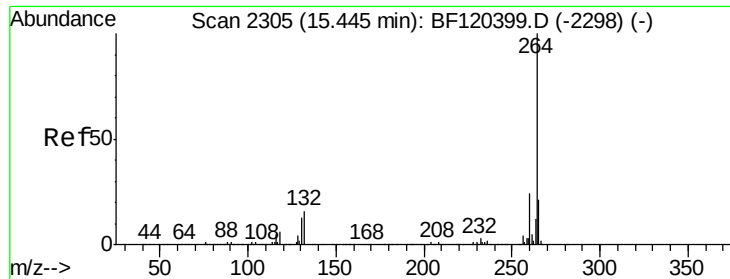
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#83
Chrysene
Concen: 12.19 ng
RT: 14.02 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.6	38.4
229	22.1	16.6	25.0





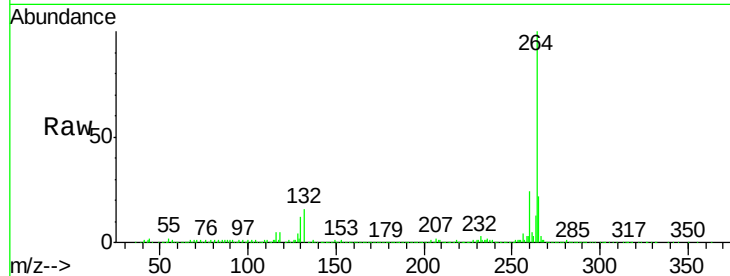
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Instrument :
BNA_F
ClientSampleId :
NM83-COMP-2020-0-6

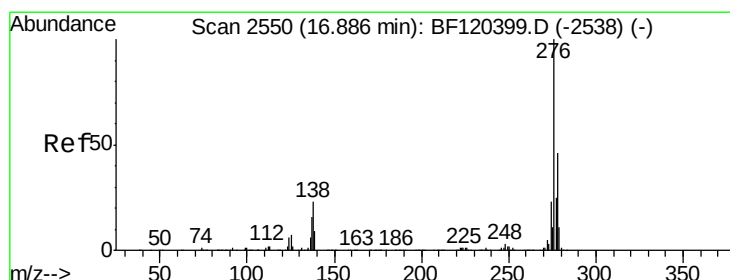
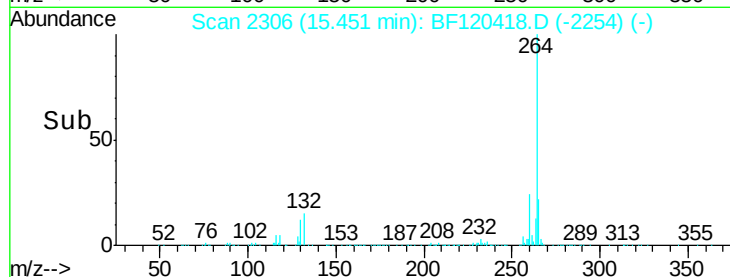
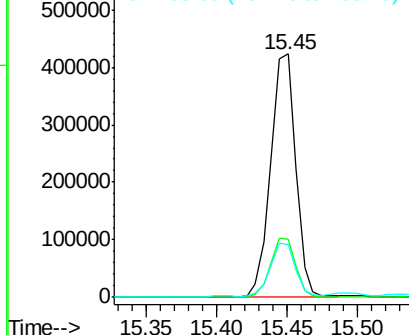
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	16.9	25.3

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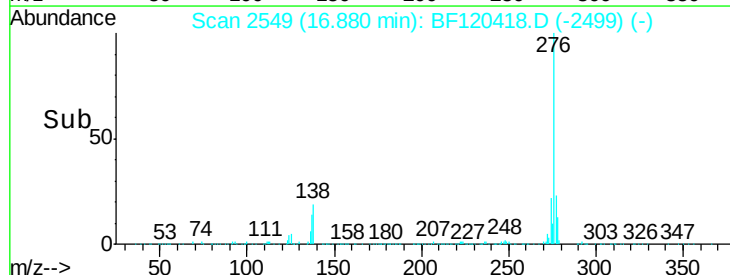
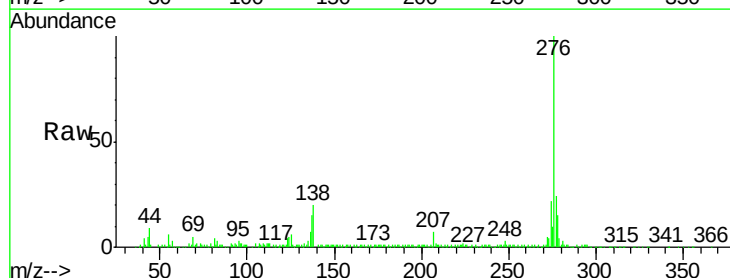
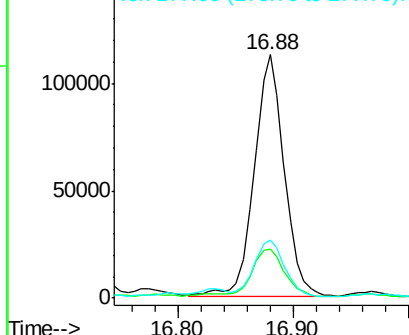
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

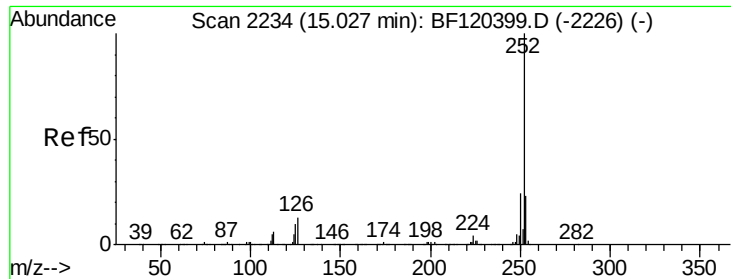


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.00 ng
RT: 16.88 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.4	30.6
277	24.2	20.4	30.6

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





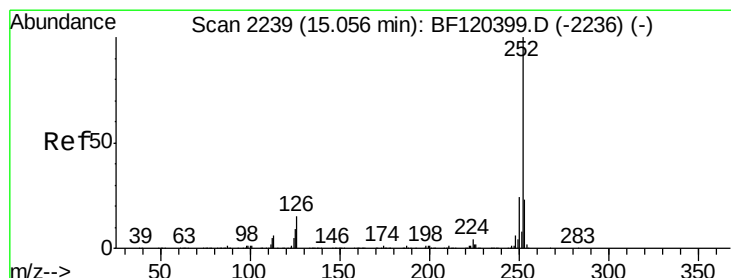
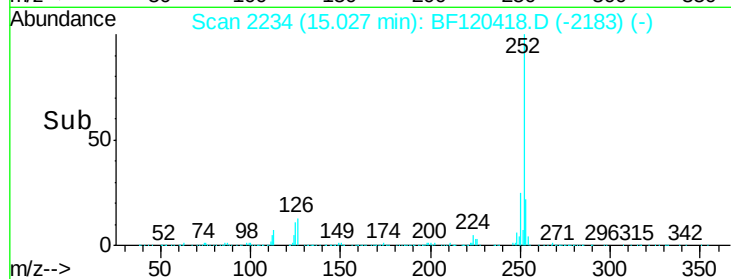
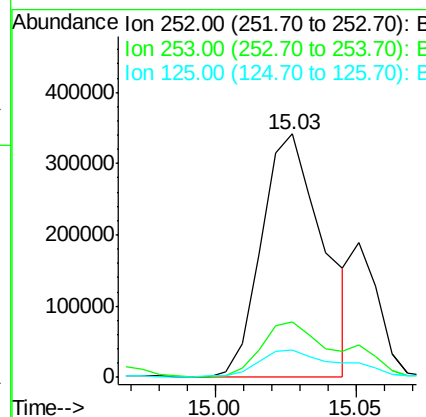
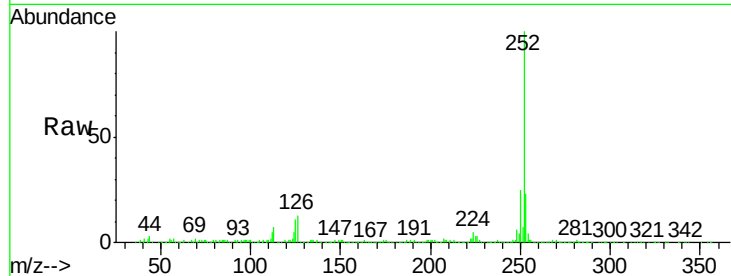
#88
Benzo(b)fluoranthene
Concen: 17.48 ng m
RT: 15.03 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Instrument :
BNA_F
ClientSampleId :
NM83-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.1	7.8	11.8

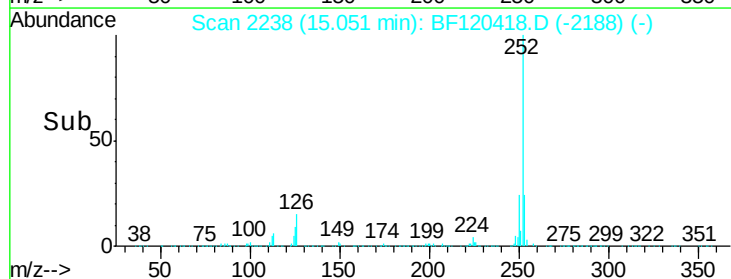
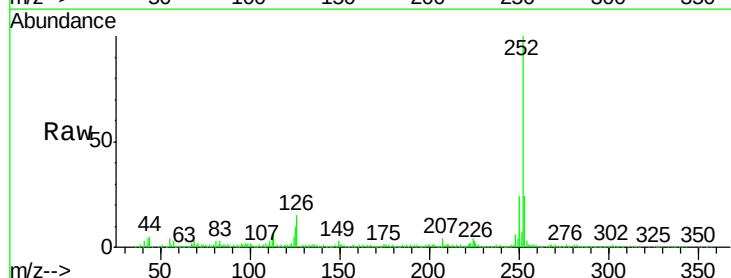
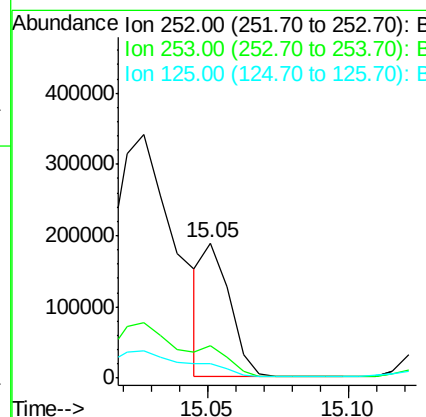
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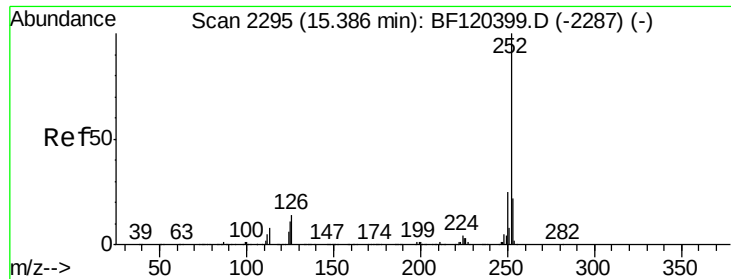
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#89
Benzo(k)fluoranthene
Concen: 4.52 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	10.3	8.0	12.0





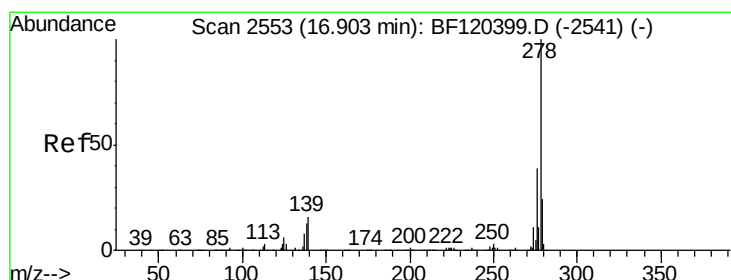
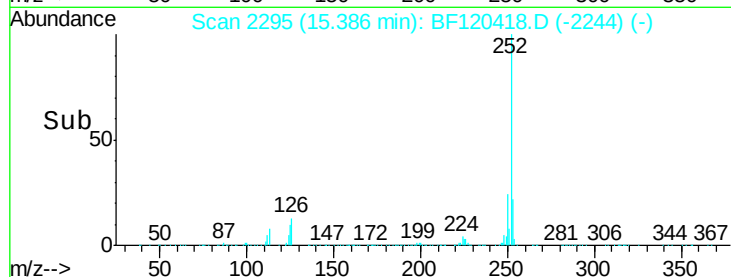
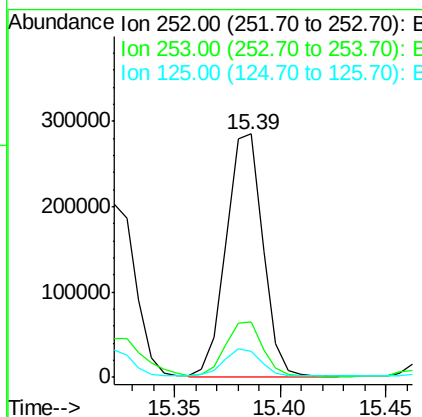
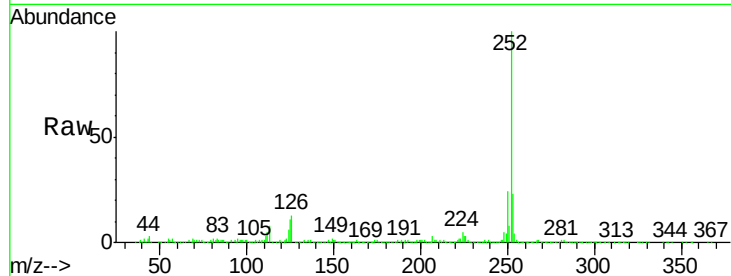
#90
Benzo(a)pyrene
Concen: 13.22 ng
RT: 15.39 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Instrument :
BNA_F
ClientSampleId :
NM83-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	341228		
253	22.5	17.4	26.0	
125	10.7	8.7	13.1	

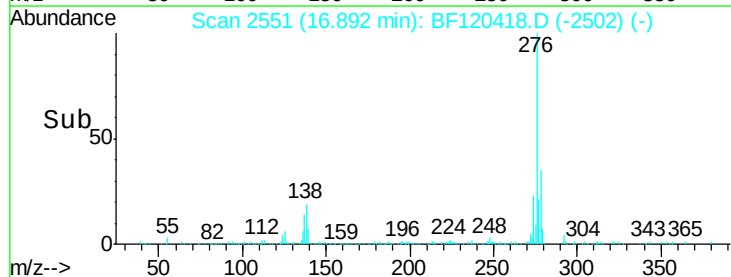
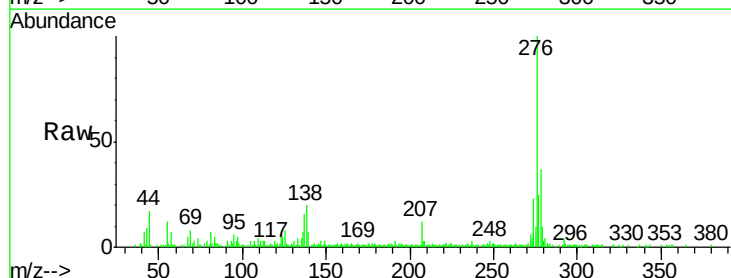
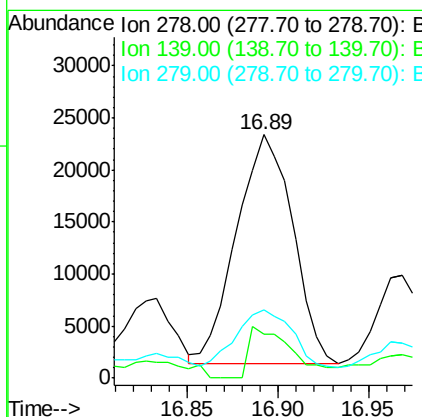
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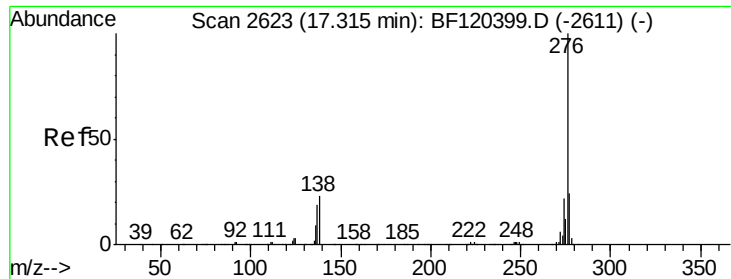
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#91
Dibenzo(a,h)anthracene
Concen: 2.01 ng
RT: 16.89 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF120418.D
Acq: 28 May 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	47701		
139	18.0	12.8	19.2	
279	27.9	19.0	28.4	





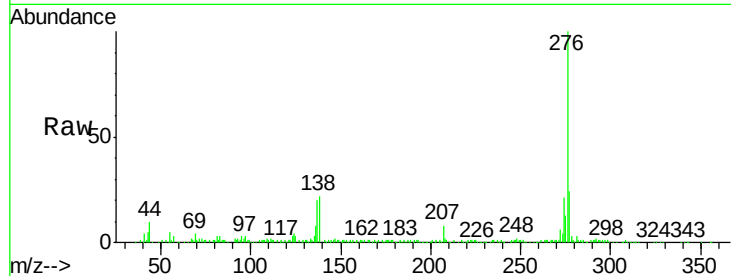
#92
 Benzo(g,h,i)perylene
 Concen: 8.20 ng
 RT: 17.32 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF120418.D
 Acq: 28 May 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 NM83-COMP-2020-0-6

Tgt Ion:	276	Resp:	191578
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.5	29.3
138	22.1	18.1	27.1

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

