

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120472.D
 Acq On : 1 Jun 2020 15:45
 Operator : JU/CG
 Sample : L2773-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM10-COMP-2020-0-6

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Quant Time: Jun 01 16:59:17 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	225674	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	832820	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	417291	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	729400	20.00	ng	0.00
76) Chrysene-d12	14.00	240	535763	20.00	ng	0.00
86) Perylene-d12	15.46	264	554626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	923215	77.96	ng	0.00
7) Phenol-d6	6.47	99	1208041	82.77	ng	0.00
23) Nitrobenzene-d5	7.40	82	772292	60.66	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	346229	89.55	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1485792	60.41	ng	0.00
79) Terphenyl-d14	12.95	244	1458317	60.57	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	283957	10.88	ng	99
71) Phenanthrene	11.39	178	257665	8.02	ng	96
72) Anthracene	11.43	178	69735	2.16	ng	98
75) Fluoranthene	12.57	202	425236	12.30	ng	95
78) Pyrene	12.80	202	384975	10.33	ng	98
81) Benzo(a)anthracene	13.99	228	205046	7.14	ng	99
83) Chrysene	14.02	228	181042	6.01	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	96619	3.19	ng	95
88) Benzo(b)fluoranthene	15.03	252	251221m	8.16	ng	
89) Benzo(k)fluoranthene	15.06	252	66277m	2.30	ng	
90) Benzo(a)pyrene	15.39	252	168998	6.27	ng	98
92) Benzo(g,h,i)perylene	17.33	276	88809	3.64	ng	97

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

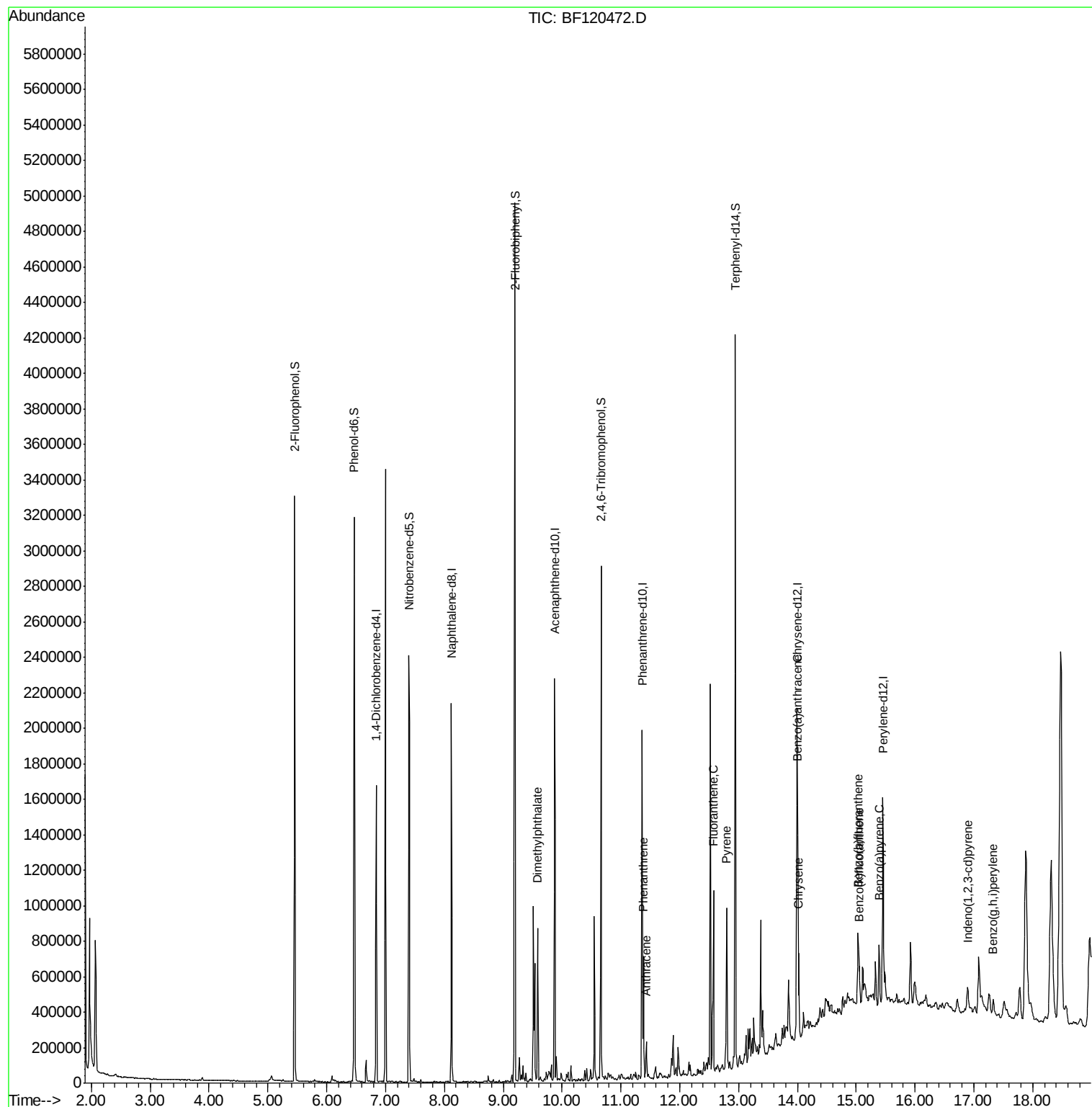
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120472.D
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Operator : JU/CG
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Misc :
ALS Vial : 13 Sample Multiplier: 1

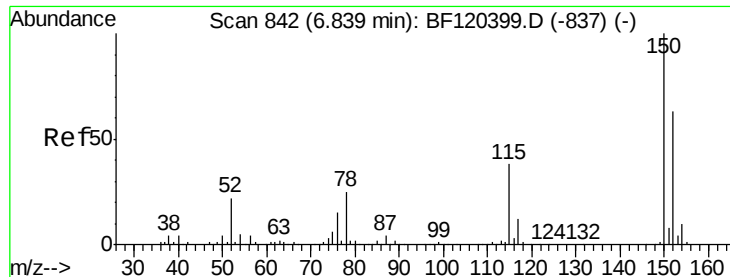
Instrument :
BNA_F
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Quant Time: Jun 01 16:59:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120472.D

Acq: 1 Jun 2020 15:45

Instrument :

BNA_F

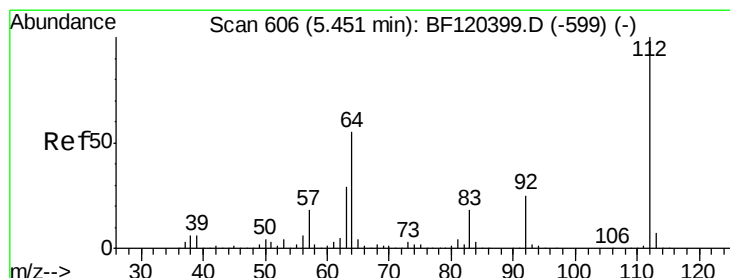
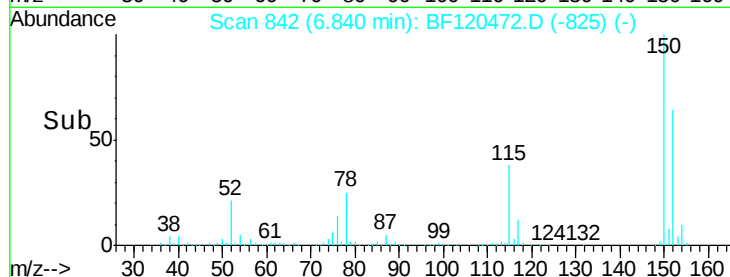
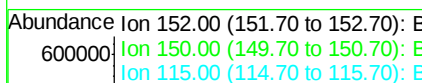
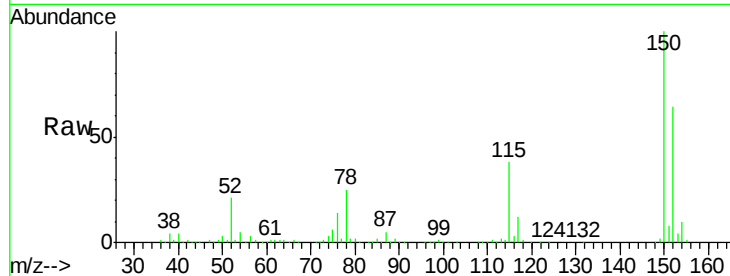
ClientSampleId :

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Tgt Ion:	152	Resp:	225674
Ion Ratio	Lower	Upper	
152	100		
150	155.1	126.5	189.7
115	58.7	47.6	71.4

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#5

2-Fluorophenol

Concen: 77.96 ng

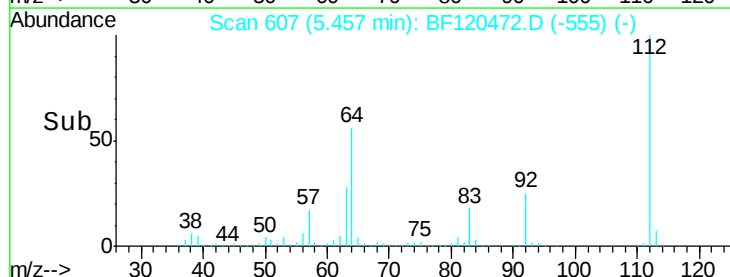
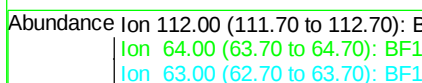
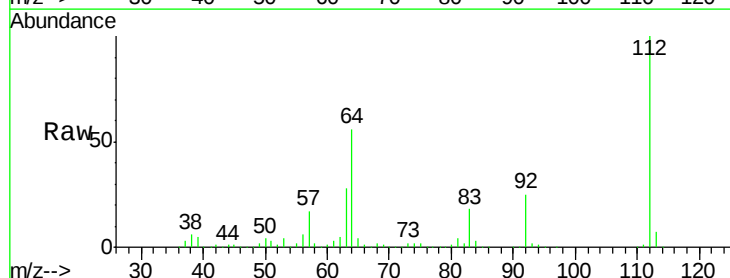
RT: 5.46 min Scan# 607

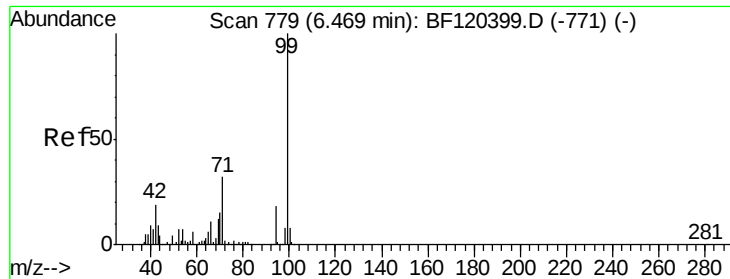
Delta R.T. 0.01 min

Lab File: BF120472.D

Acq: 1 Jun 2020 15:45

Tgt Ion:	112	Resp:	923215
Ion Ratio	Lower	Upper	
112	100		
64	55.5	44.3	66.5
63	28.4	22.9	34.3





#7

Phenol-d6

Concen: 82.77 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120472.D

Acq: 1 Jun 2020 15:45

Instrument :

BNA_F

ClientSampleId :

NM10-COMP-2020-0-6

Tgt Ion: 99 Resp: 1208041

Ion Ratio Lower Upper

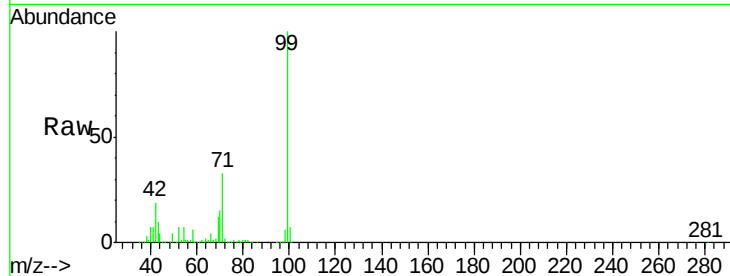
99 100

42 18.6 15.2 22.8

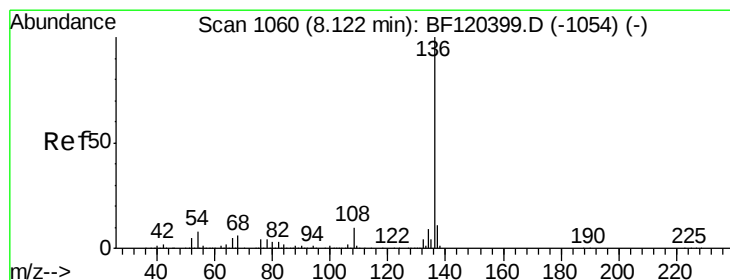
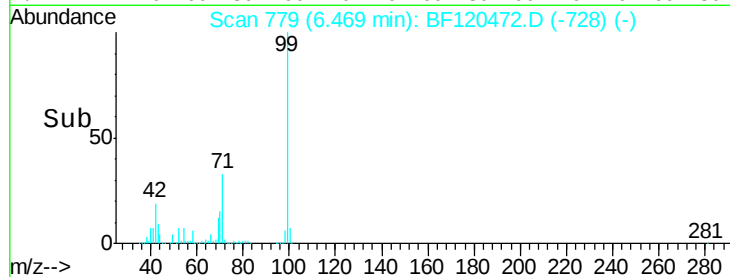
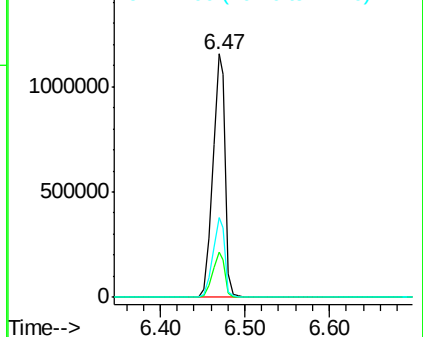
71 32.6 25.6 38.4

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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: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120472.D

Acq: 1 Jun 2020 15:45

Tgt Ion: 136 Resp: 832820

Ion Ratio Lower Upper

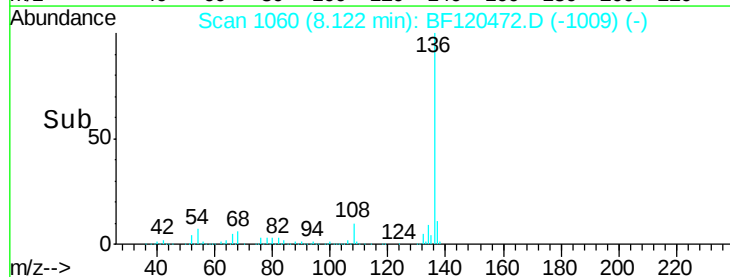
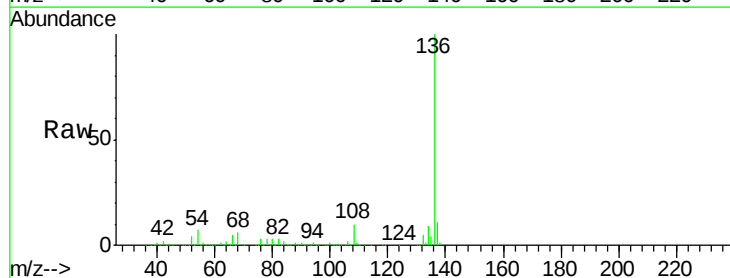
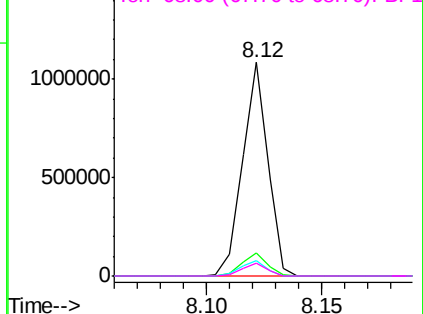
136 100

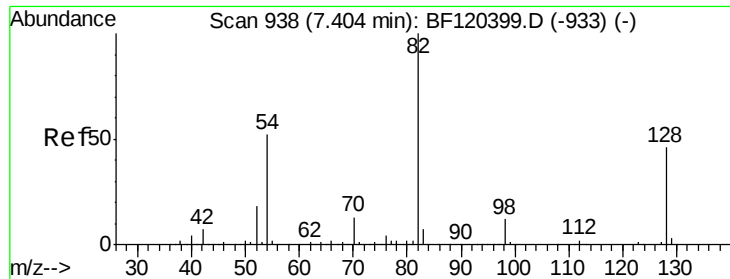
137 10.9 9.1 13.7

54 7.5 6.7 10.1

68 5.8 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





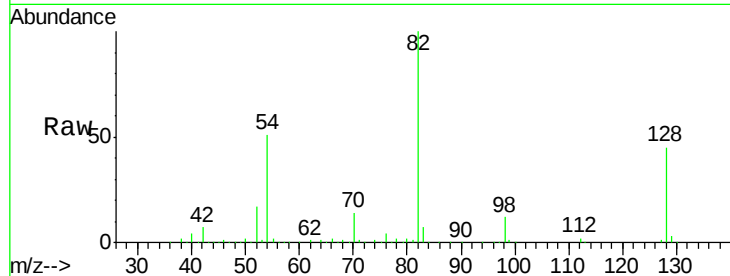
#23
Nitrobenzene-d5
Concen: 60.66 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-2020-0-6

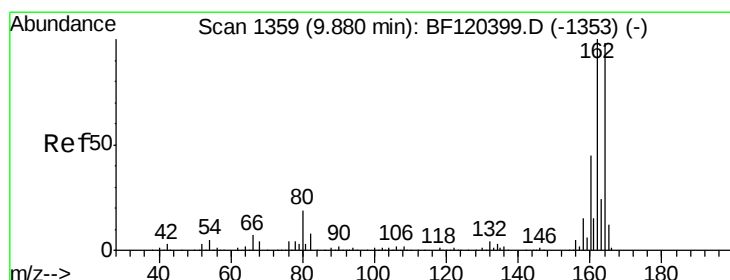
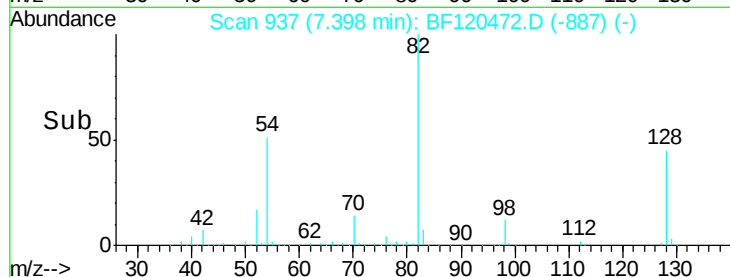
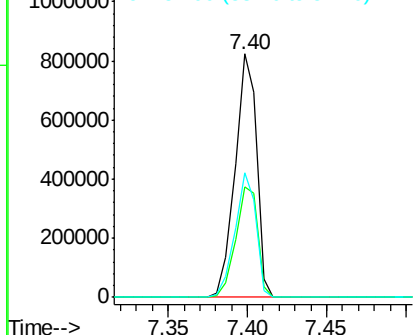
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.8	55.2
54	51.4	41.6	62.4

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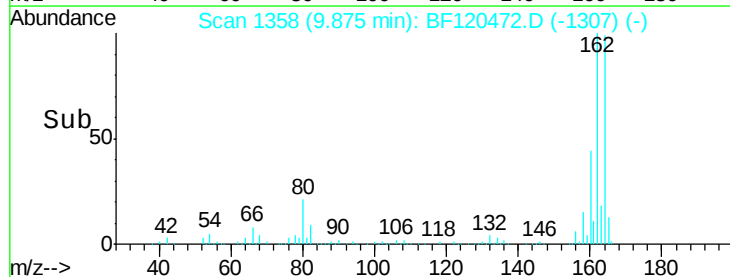
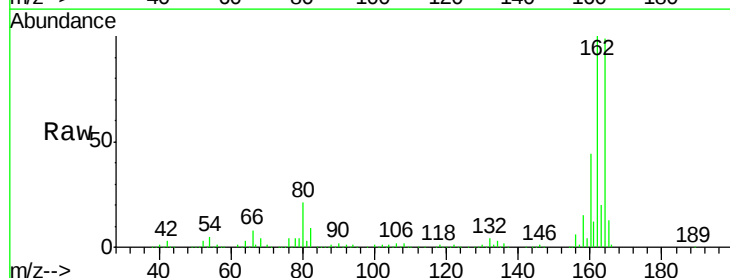
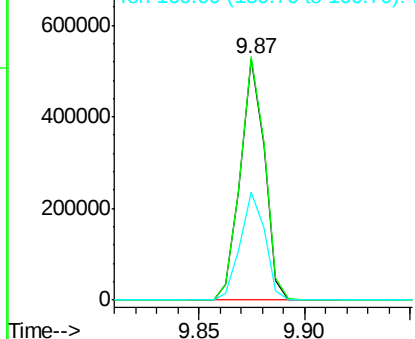
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.3	121.9
160	44.4	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B





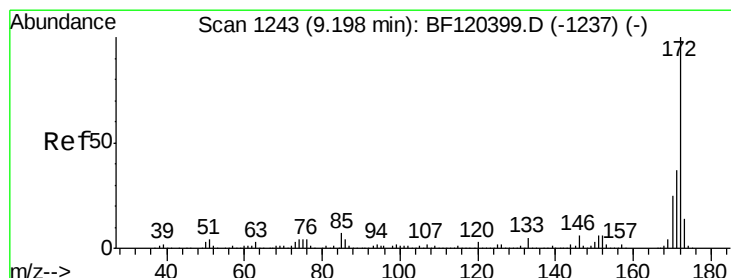
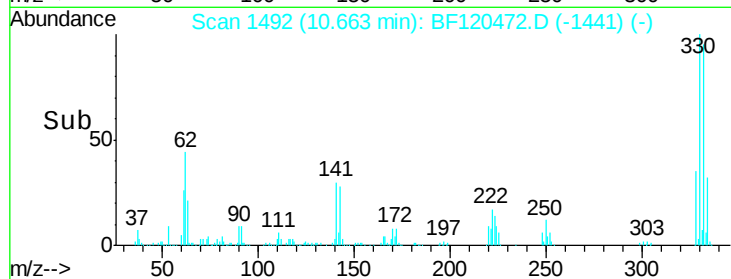
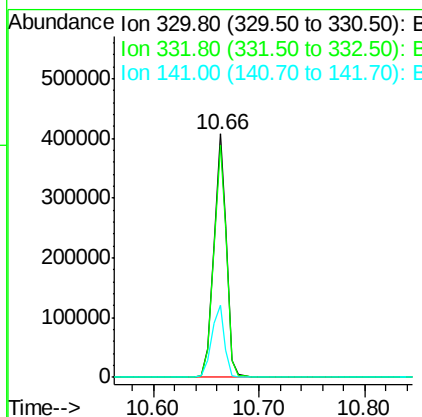
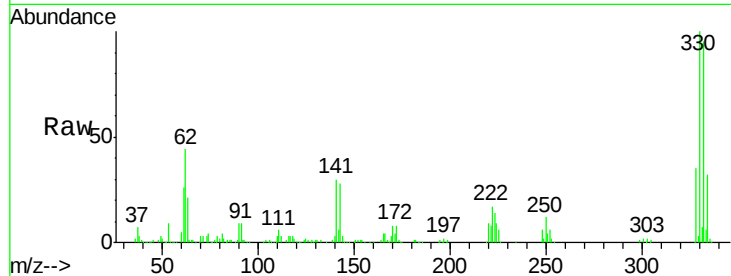
#42
 2,4,6-Tribromophenol
 Concen: 89.55 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120472.D
 Acq: 1 Jun 2020 15:45

Instrument :
 BNA_F
 ClientSampleId :
 NM10-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	346229		
332	96.8	77.0	115.6	
141	30.3	25.3	37.9	

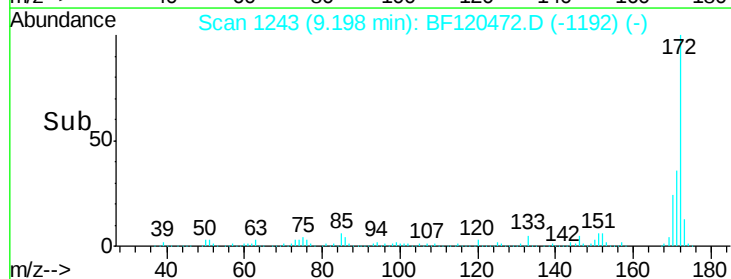
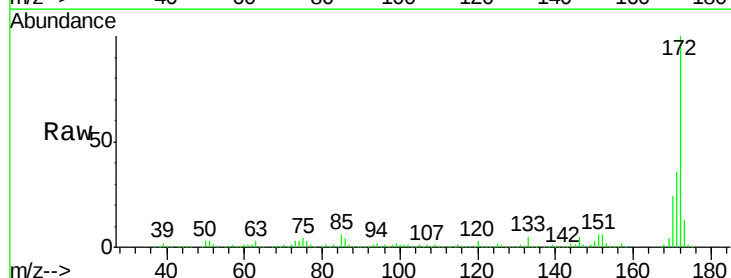
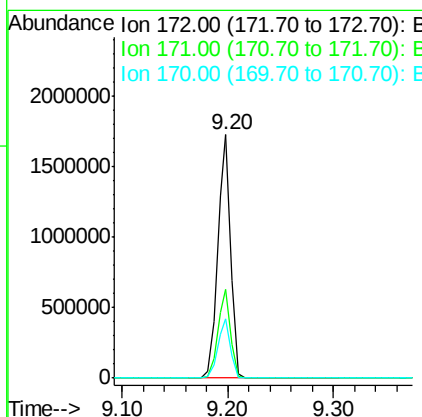
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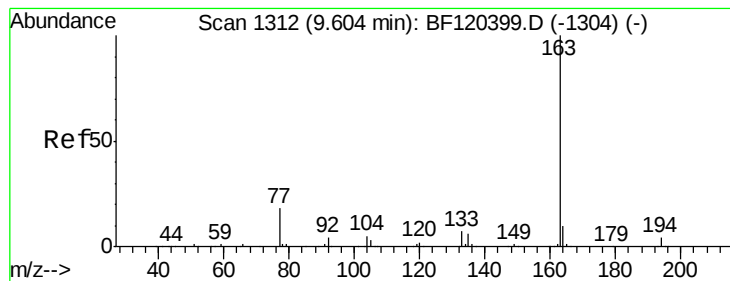
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#45
 2-Fluorobiphenyl
 Concen: 60.41 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120472.D
 Acq: 1 Jun 2020 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1485792		
171	36.3	29.7	44.5	
170	24.3	19.9	29.9	





#50

Dimethylphthalate

Concen: 10.88 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120472.D

Acq: 1 Jun 2020 15:45

Instrument :

BNA_F

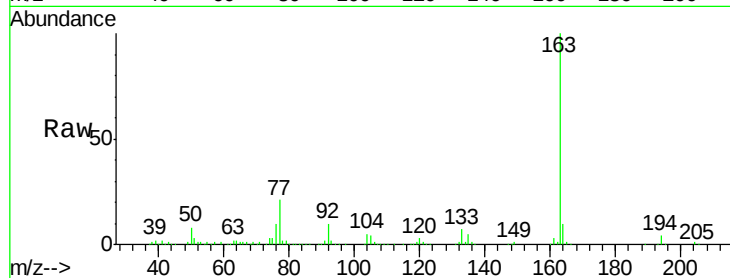
ClientSampleId :

NM10-COMP-2020-0-6

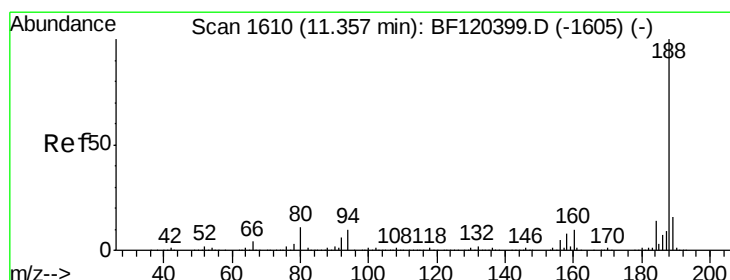
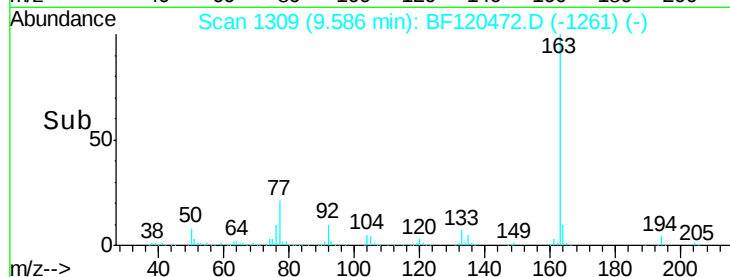
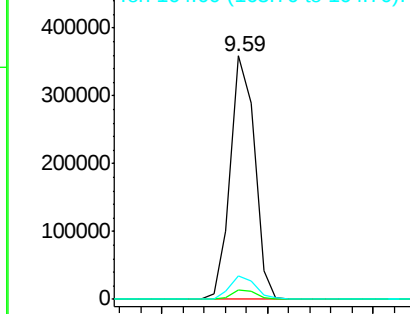
Tgt Ion:	163	Resp:	283957
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.3	4.9
164	9.9	8.3	12.5

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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: 20.00 ng

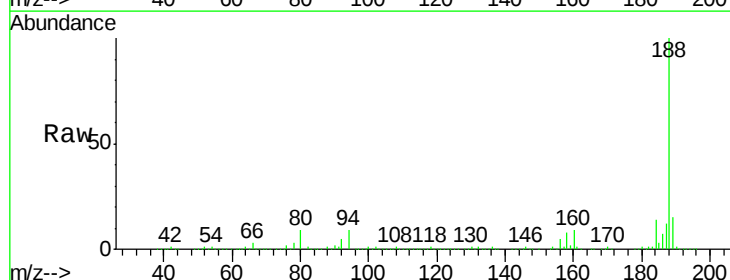
RT: 11.36 min Scan# 1611

Delta R.T. 0.01 min

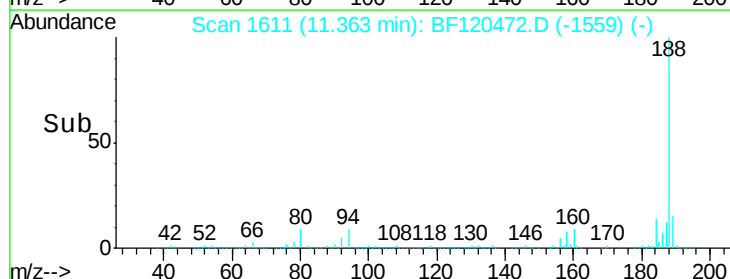
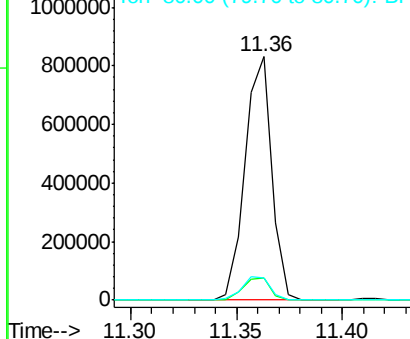
Lab File: BF120472.D

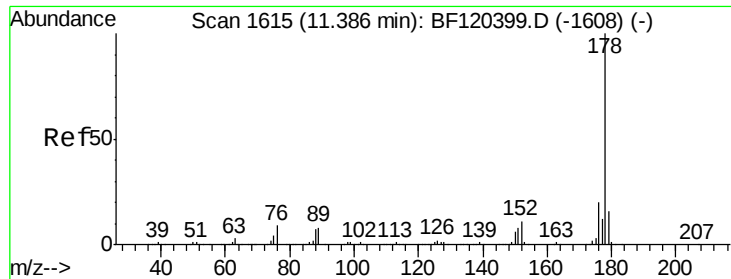
Acq: 1 Jun 2020 15:45

Tgt Ion:	188	Resp:	729400
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.9	11.9
80	8.9	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





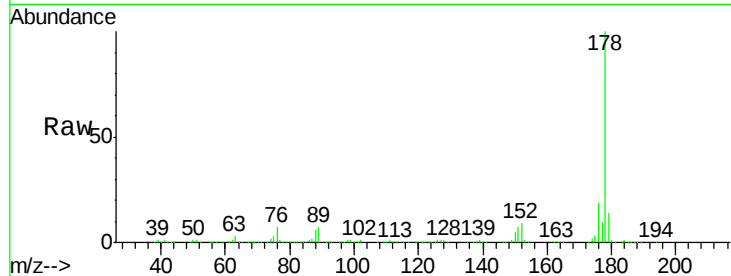
#71
Phenanthrene
Concen: 8.02 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-2020-0-6

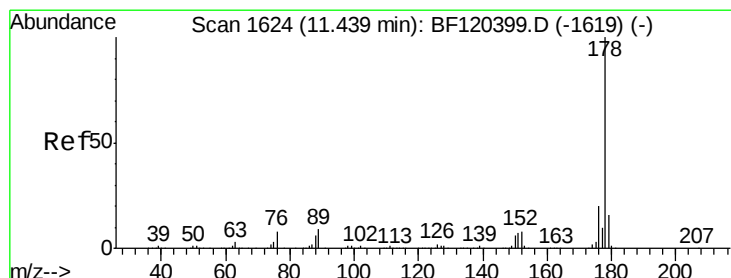
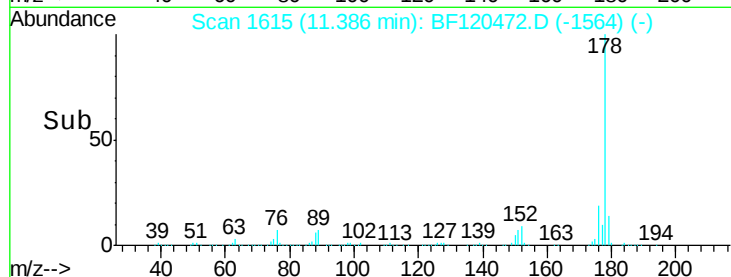
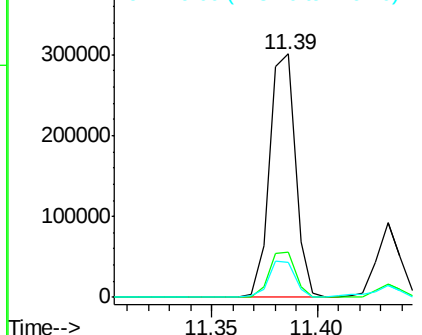
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.4	24.6
179	14.4	13.0	19.4

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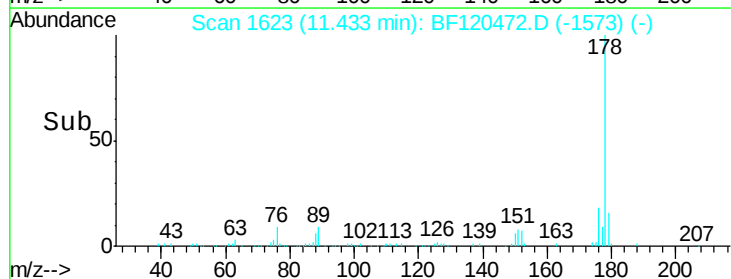
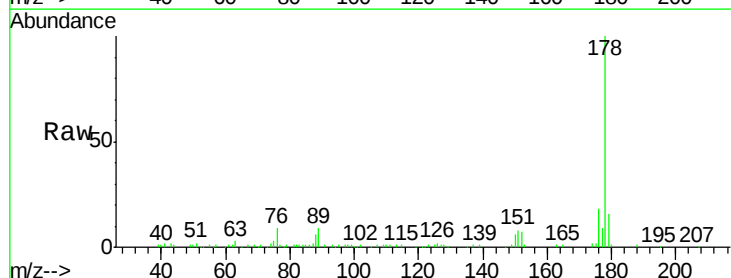
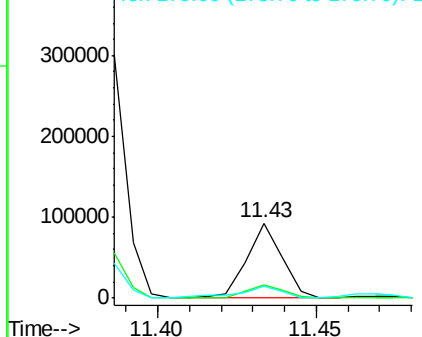
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

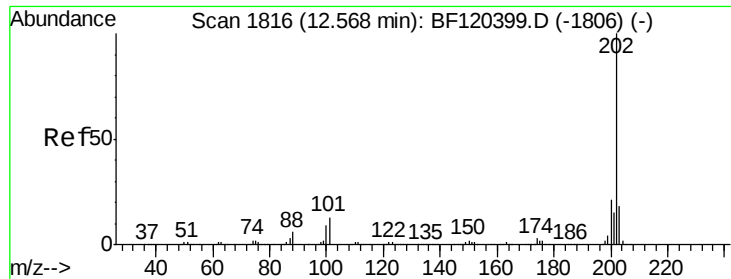


#72
Anthracene
Concen: 2.16 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	15.9	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 12.30 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120472.D

Acq: 1 Jun 2020 15:45

Instrument :

BNA_F

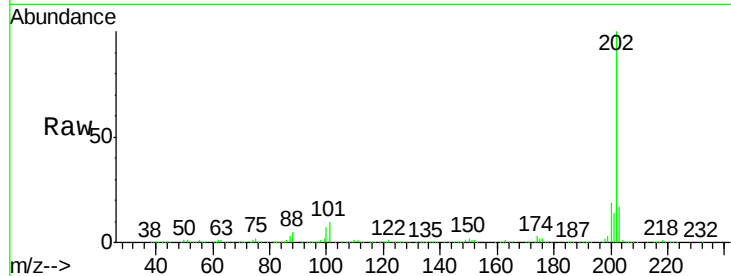
ClientSampleId :

NM10-COMP-2020-0-6

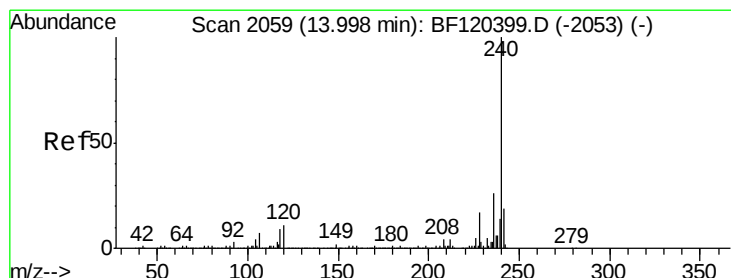
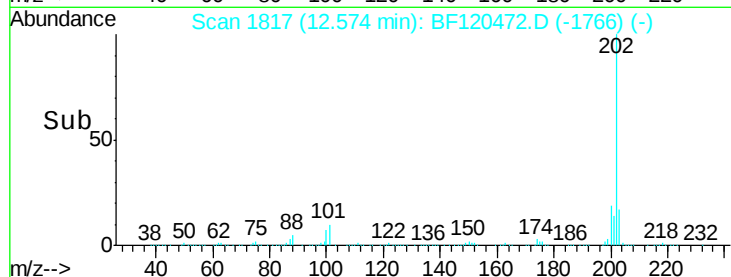
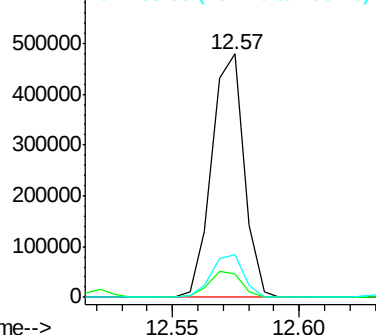
Tgt Ion:	202	Resp:	425236
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	32.6
203	17.3	0.0	38.4

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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

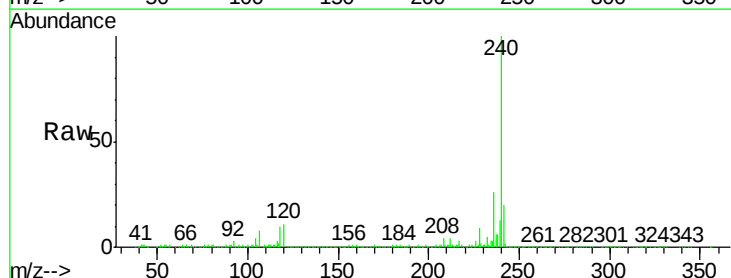
RT: 14.00 min Scan# 2059

Delta R.T. 0.00 min

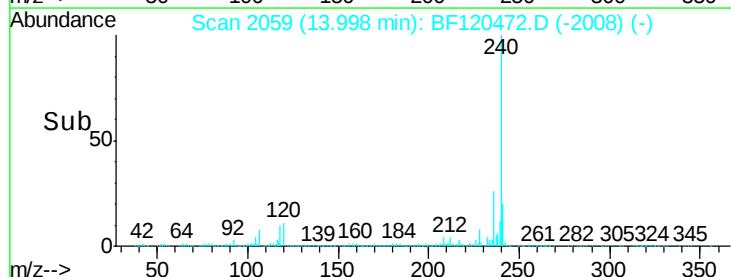
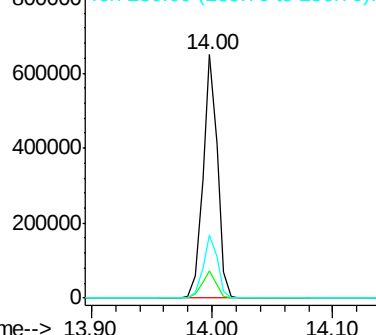
Lab File: BF120472.D

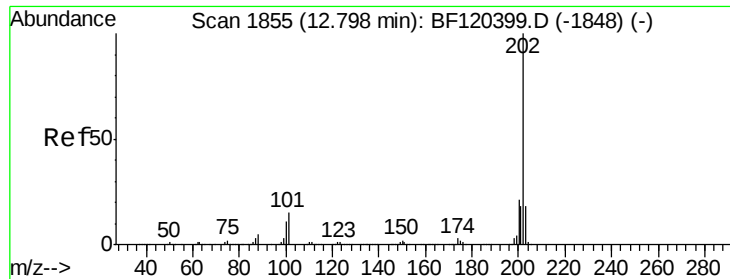
Acq: 1 Jun 2020 15:45

Tgt Ion:	240	Resp:	535763
Ion Ratio	Lower	Upper	
240	100		
120	11.3	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





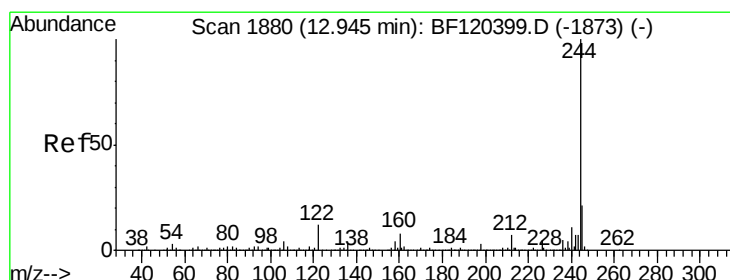
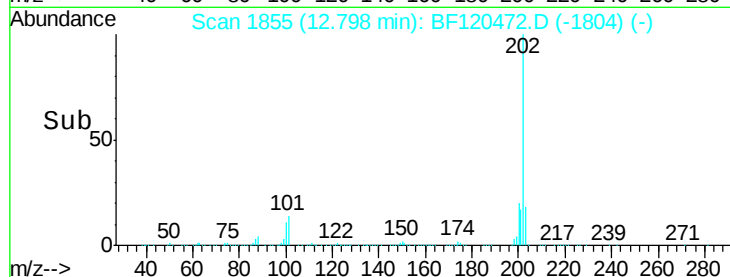
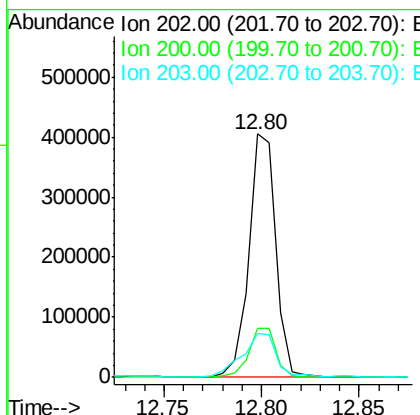
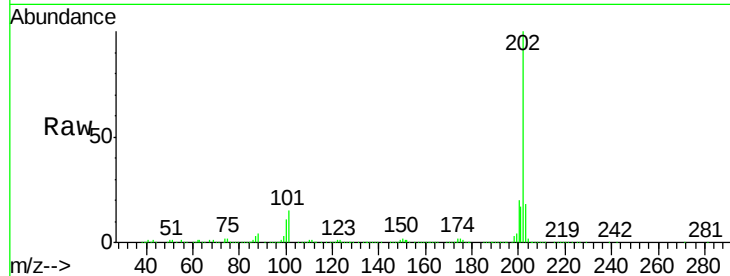
#78
 Pyrene
 Concen: 10.33 ng
 RT: 12.80 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF120472.D
 Acq: 1 Jun 2020 15:45

Instrument :
 BNA_F
 ClientSampleId :
 NM10-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	18.3	14.7	22.1

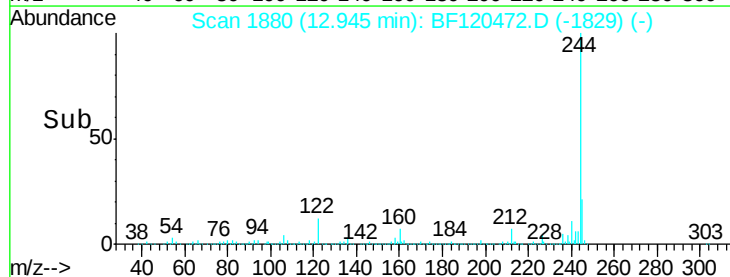
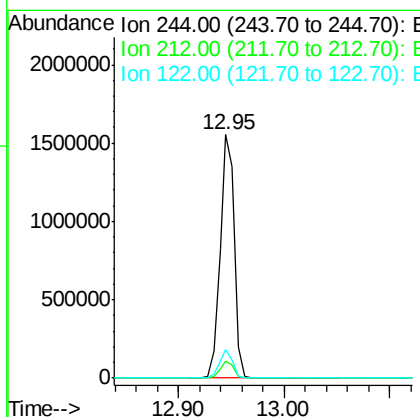
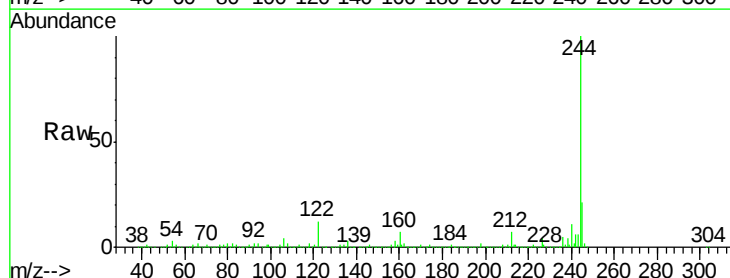
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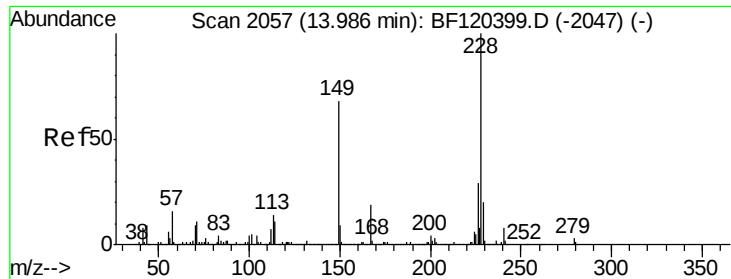
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#79
 Terphenyl-d14
 Concen: 60.57 ng
 RT: 12.95 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BF120472.D
 Acq: 1 Jun 2020 15:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.8	9.2	13.8





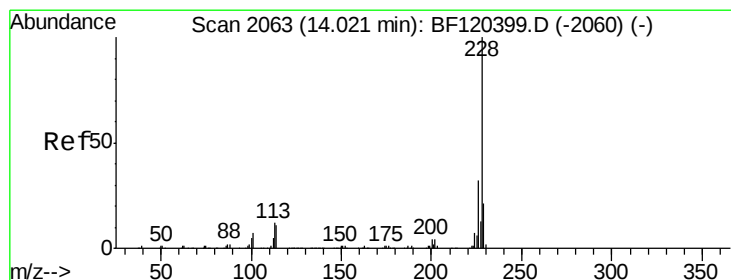
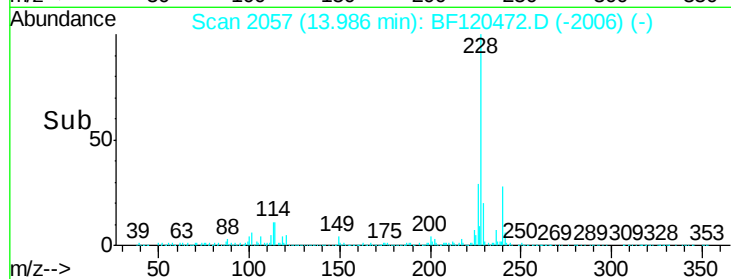
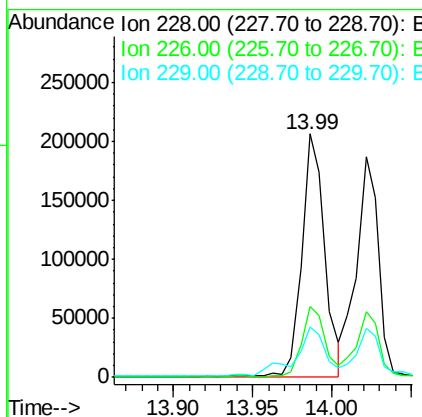
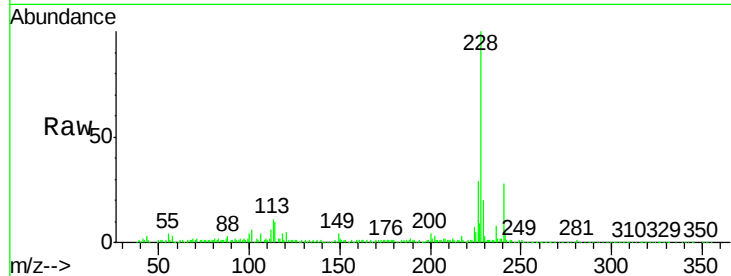
#81
Benzo(a)anthracene
Concen: 7.14 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.4	16.2	24.4

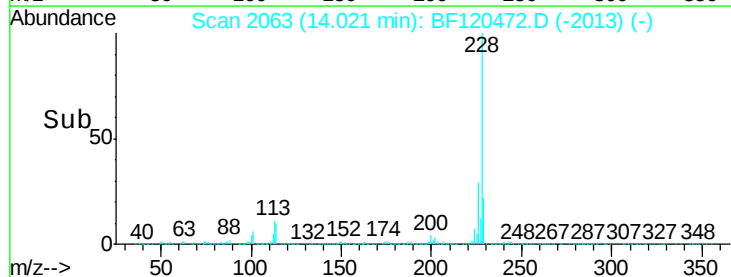
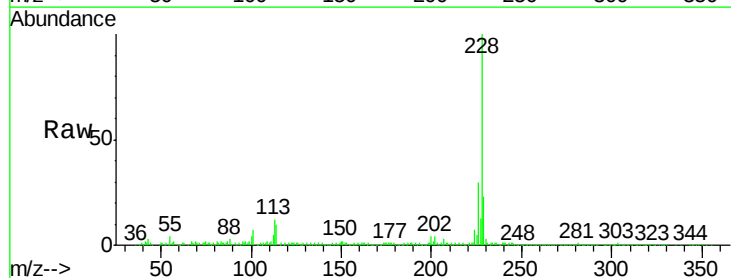
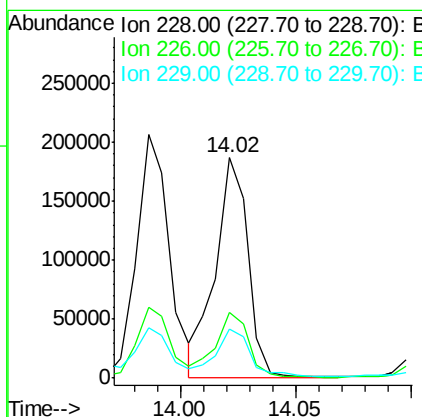
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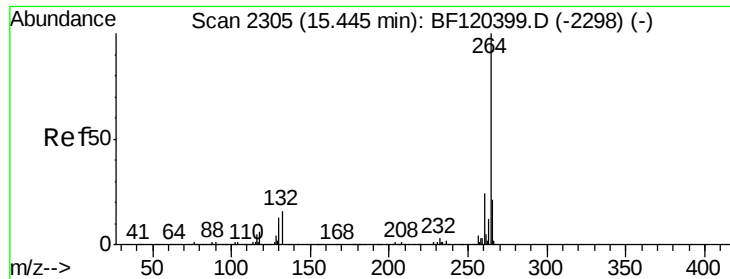
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#83
Chrysene
Concen: 6.01 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.6	38.4
229	22.5	16.6	25.0





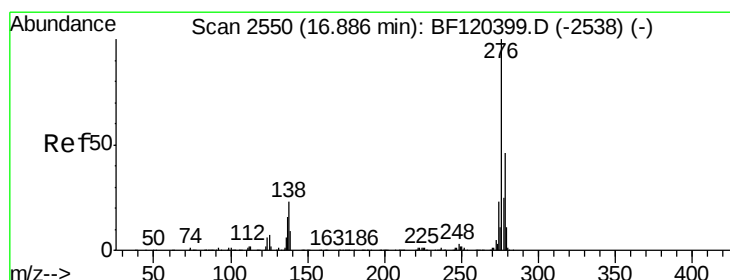
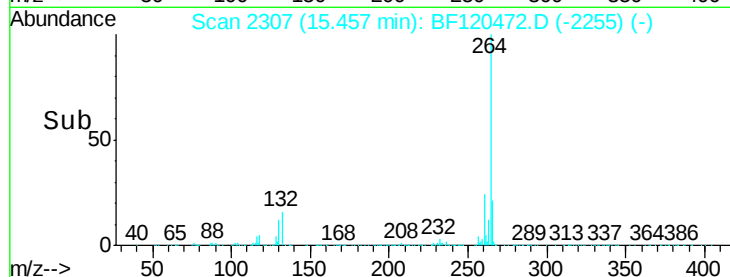
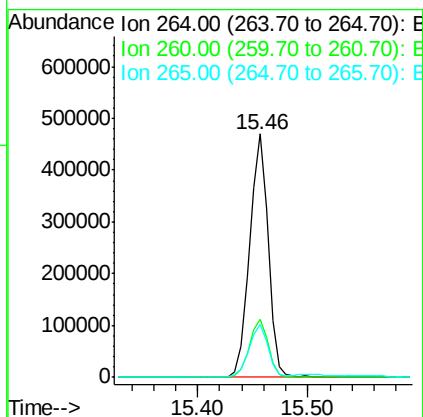
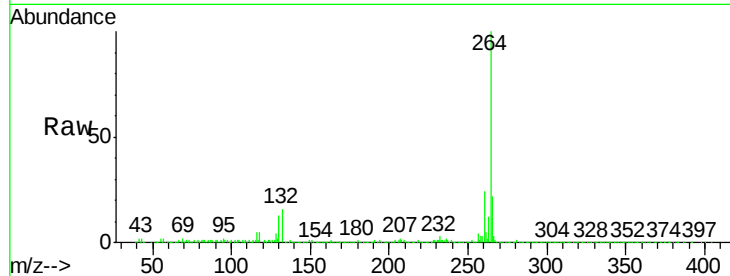
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	16.9	25.3

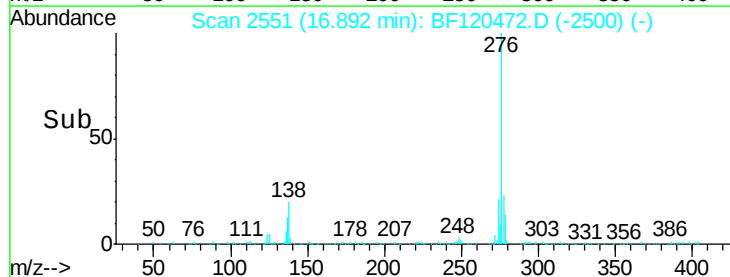
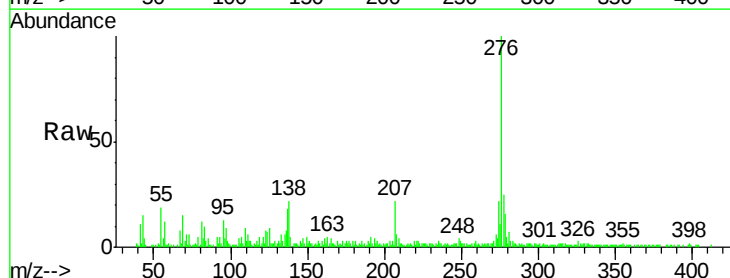
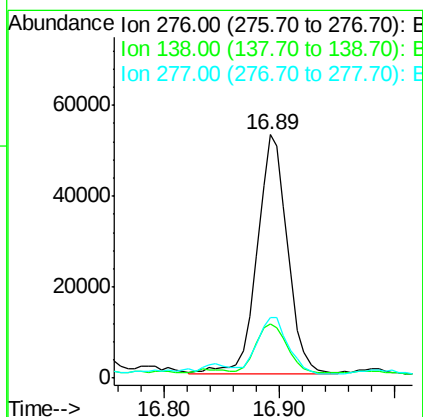
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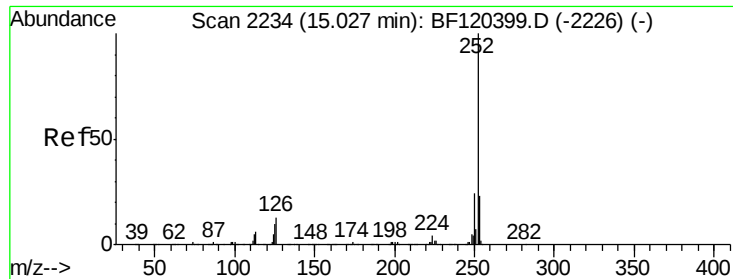
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.19 ng
RT: 16.89 min Scan# 2551
Delta R.T. 0.00 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.4	30.6
277	24.6	20.4	30.6





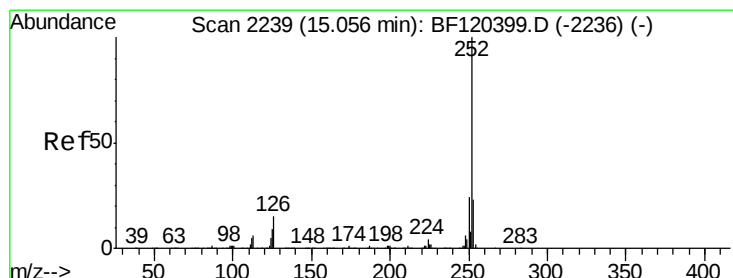
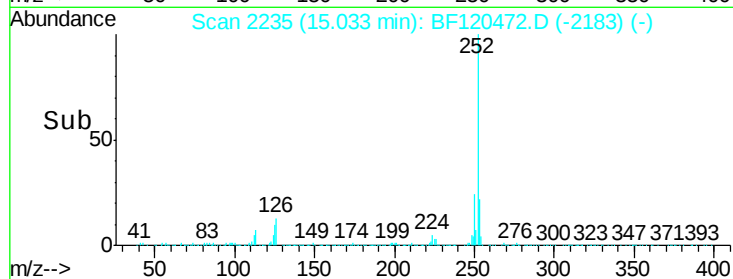
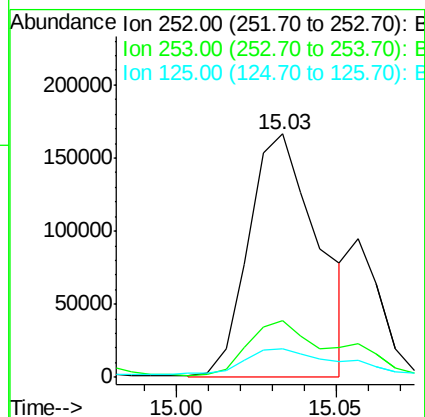
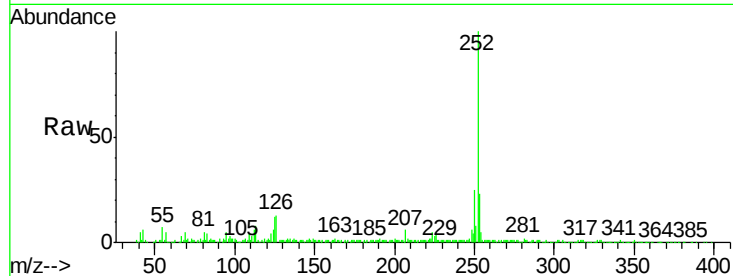
#88
Benzo(b)fluoranthene
Concen: 8.16 ng m
RT: 15.03 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.8	7.8	11.8

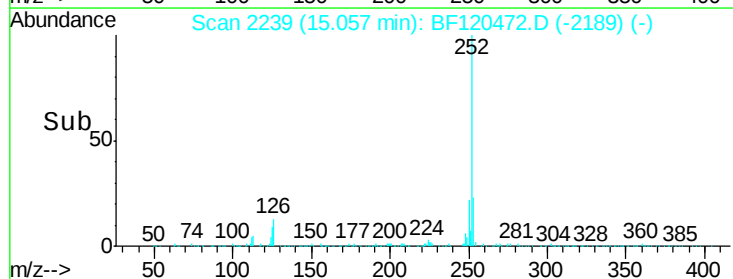
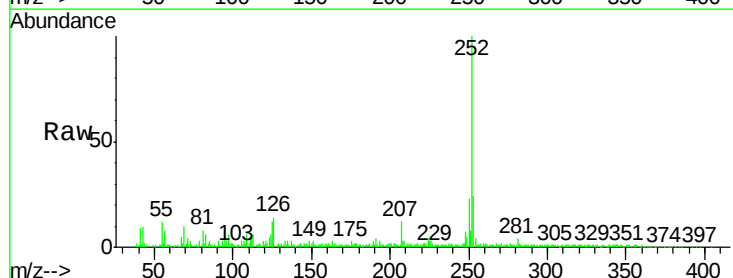
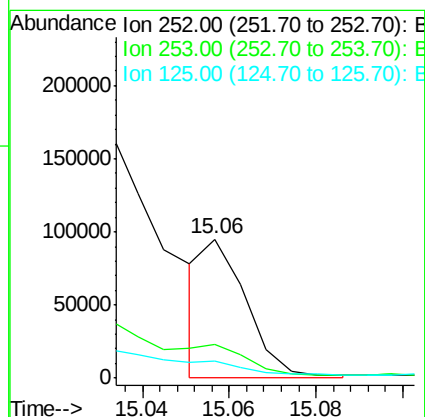
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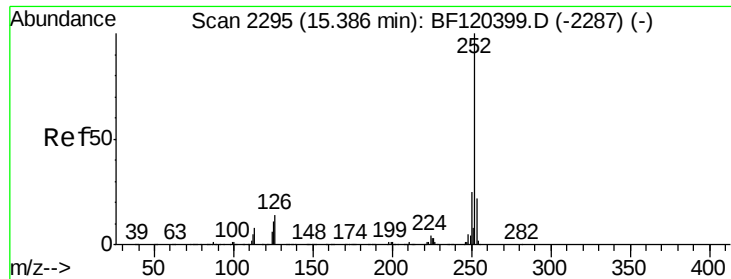
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#89
Benzo(k)fluoranthene
Concen: 2.30 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

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





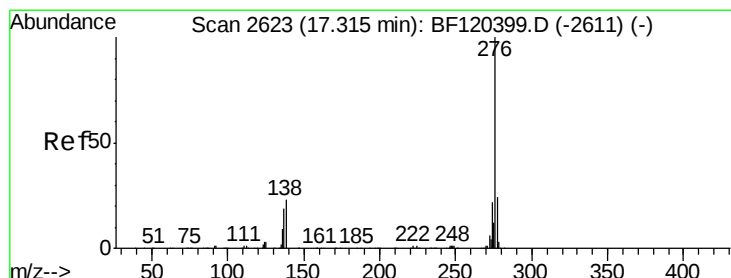
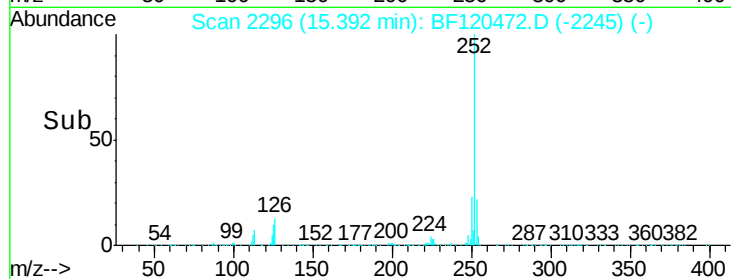
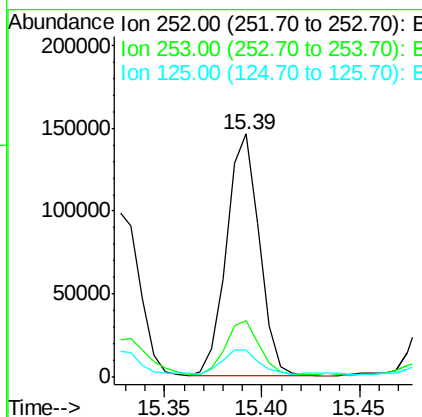
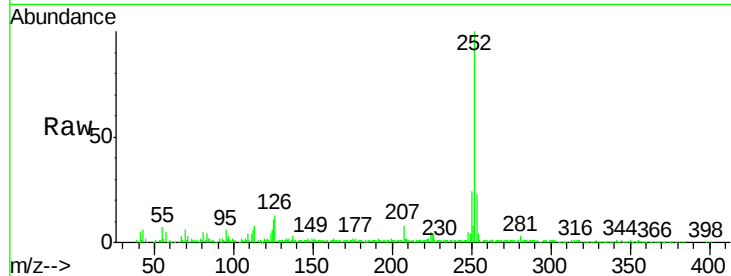
#90
Benzo(a)pyrene
Concen: 6.27 ng
RT: 15.39 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-2020-0-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.4	26.0
125	11.2	8.7	13.1

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#92
Benzo(g,h,i)perylene
Concen: 3.64 ng
RT: 17.33 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF120472.D
Acq: 1 Jun 2020 15:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.8	19.5	29.3
138	21.3	18.1	27.1

