

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120479.D
 Acq On : 1 Jun 2020 18:55
 Operator : JU/CG
 Sample : L2773-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 00:17:30 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	6.85	152	234733	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	814073	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	362633	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	590348	20.00	ng	0.00
76) Chrysene-d12	14.00	240	500601	20.00	ng	0.00
86) Perylene-d12	15.46	264	427690	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1162640	94.39	ng	0.01
7) Phenol-d6	6.47	99	1433522	94.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	902433	72.51	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	322443	95.97	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1583165	74.07	ng	0.00
79) Terphenyl-d14	12.95	244	1489394	66.21	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	322039	14.20	ng	99
71) Phenanthrene	11.39	178	177810	6.84	ng	98
72) Anthracene	11.44	178	57132	2.19	ng	96
75) Fluoranthene	12.57	202	462373	16.52	ng	98
78) Pyrene	12.80	202	454093	13.04	ng	99
81) Benzo(a)anthracene	13.99	228	274169	10.22	ng	96
83) Chrysene	14.03	228	250776	8.92	ng	96
87) Indeno(1,2,3-cd)pyrene	16.91	276	125149	5.35	ng	95
88) Benzo(b)fluoranthene	15.04	252	329359m	13.86	ng	
89) Benzo(k)fluoranthene	15.06	252	91889m	4.14	ng	
90) Benzo(a)pyrene	15.40	252	214835	10.34	ng	# 95
92) Benzo(g,h,i)perylene	17.35	276	121633	6.47	ng	99

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

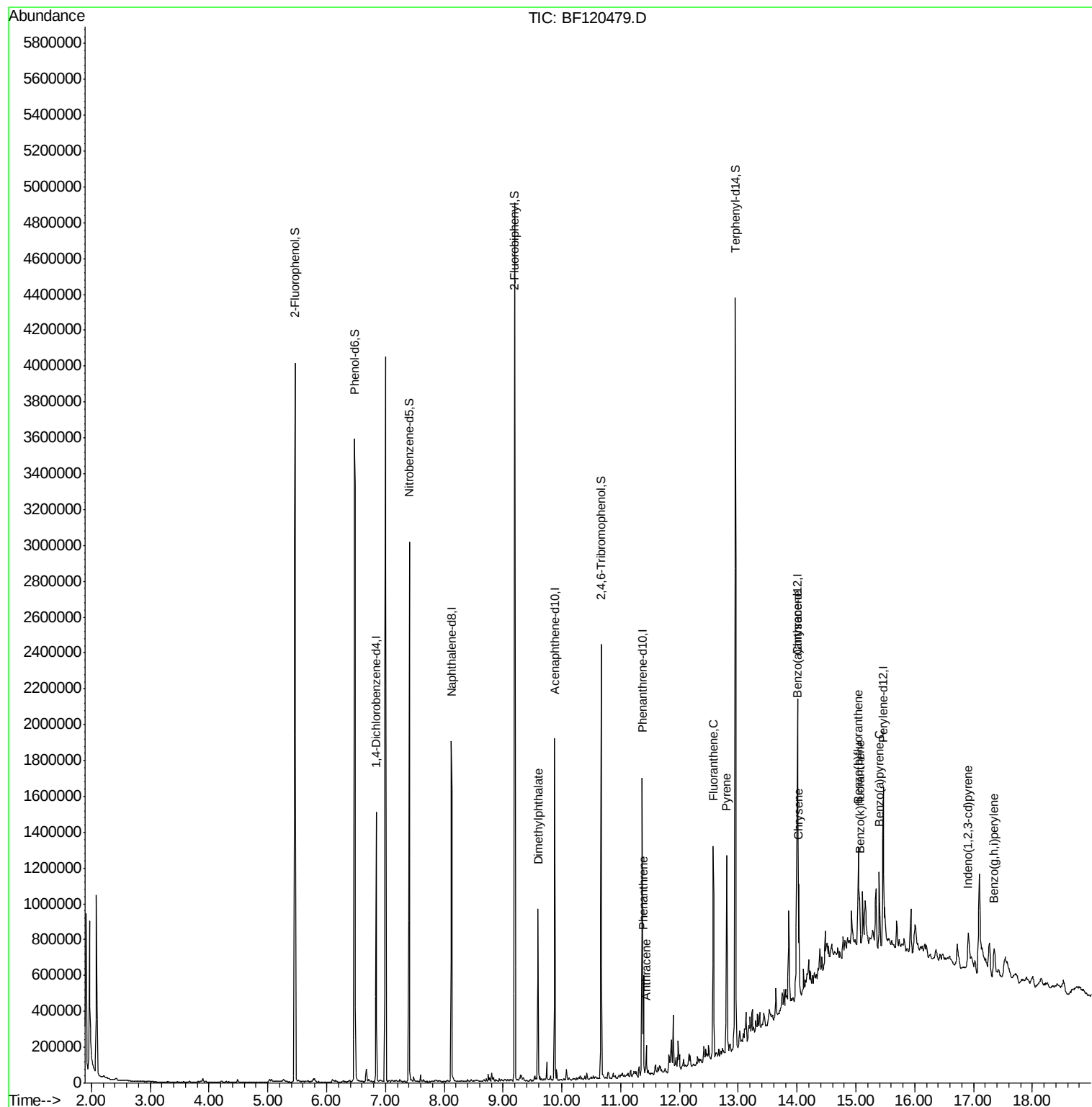
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
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Operator : JU/CG
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Misc :
ALS Vial : 20 Sample Multiplier: 1

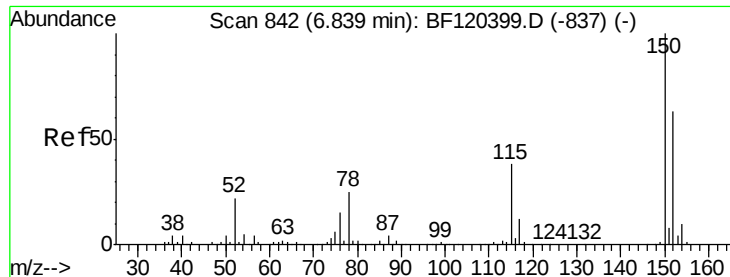
Instrument :
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Quant Time: Jun 02 00:17:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF120479.D

Acq: 1 Jun 2020 18:55

Instrument :

BNA_F

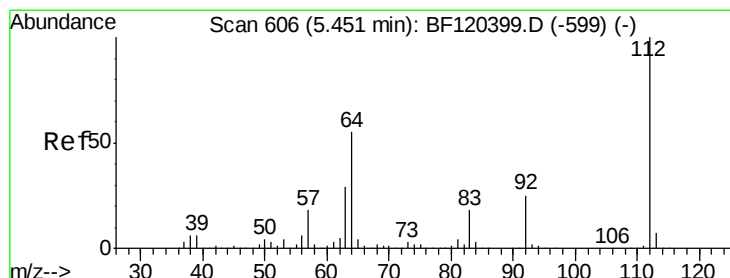
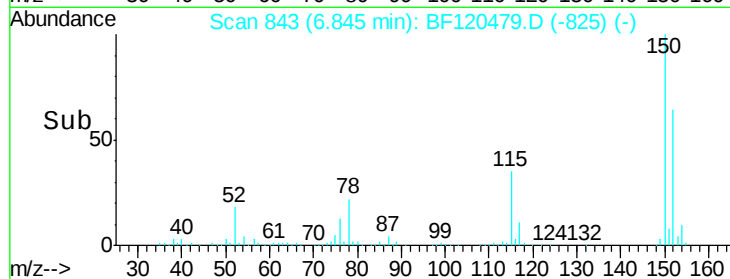
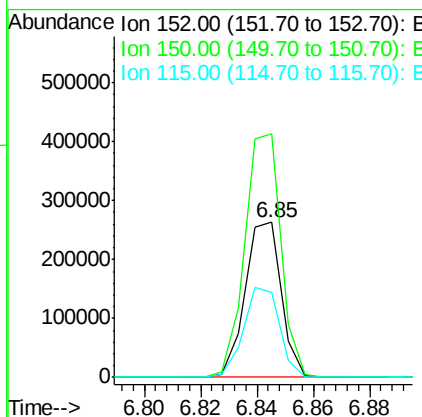
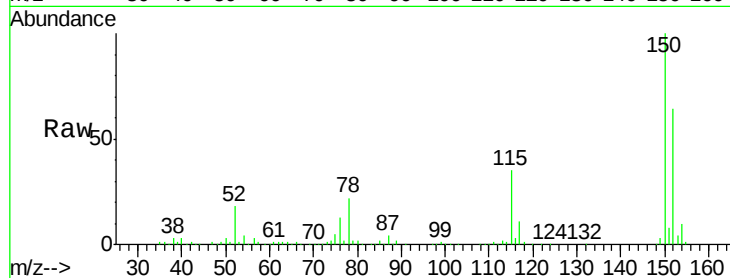
ClientSampleId :

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Tgt Ion:	152	Resp:	234733
Ion Ratio	Lower	Upper	
152	100		
150	157.1	126.5	189.7
115	54.5	47.6	71.4

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#5

2-Fluorophenol

Concen: 94.39 ng

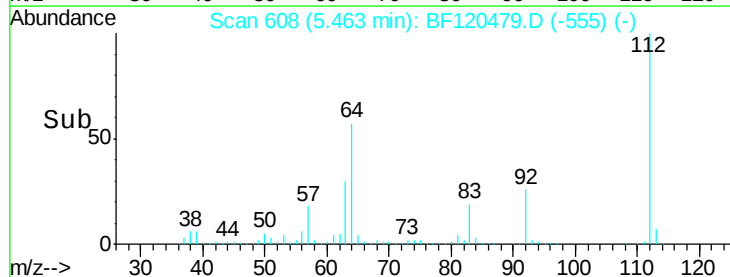
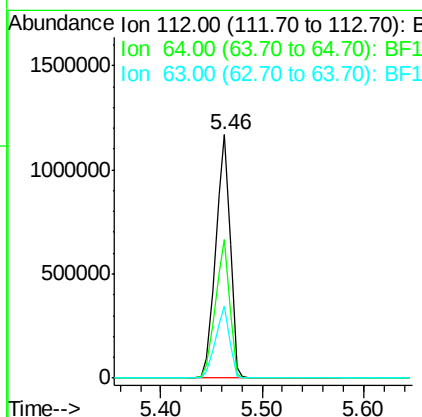
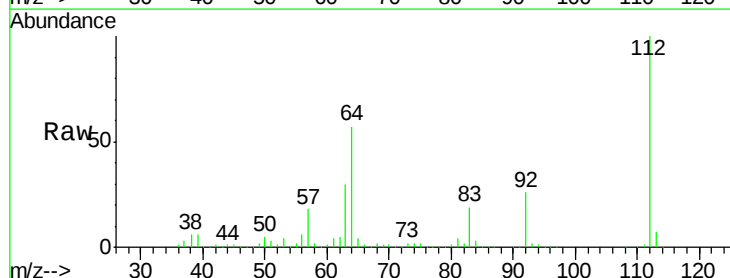
RT: 5.46 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF120479.D

Acq: 1 Jun 2020 18:55

Tgt Ion:	112	Resp:	1162640
Ion Ratio	Lower	Upper	
112	100		
64	57.2	44.3	66.5
63	29.8	22.9	34.3





#7

Phenol-d6

Concen: 94.42 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF120479.D

Acq: 1 Jun 2020 18:55

Instrument :

BNA_F

ClientSampleId :

NM8-COMP-2020-0-6

Tgt Ion: 99 Resp: 1433522

Ion Ratio Lower Upper

99 100

42 19.2 15.2 22.8

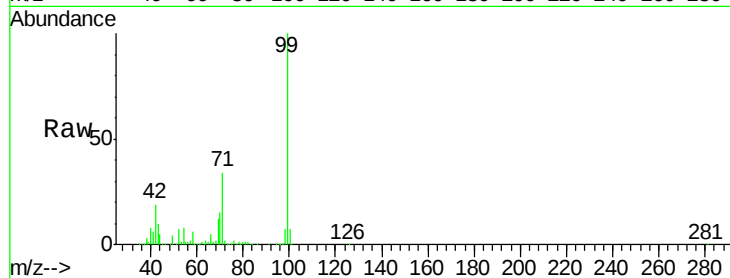
71 33.6 25.6 38.4

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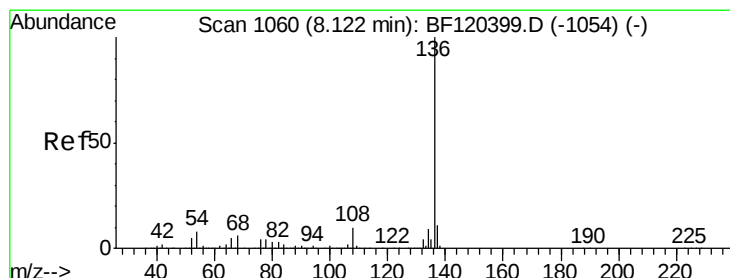
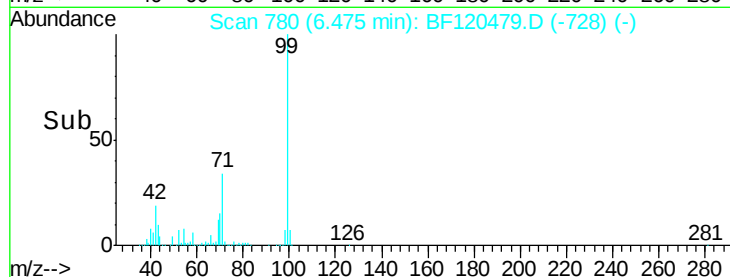
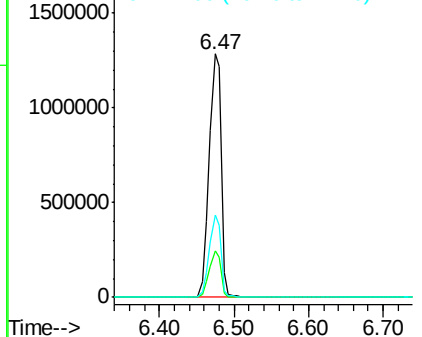
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF120479.D

Acq: 1 Jun 2020 18:55

Tgt Ion: 136 Resp: 814073

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.2 6.7 10.1

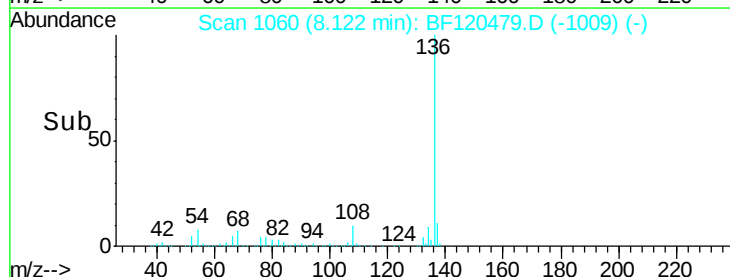
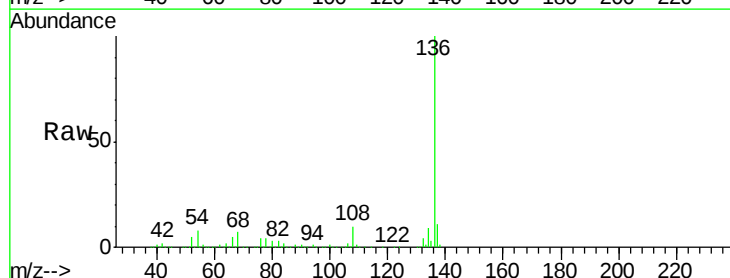
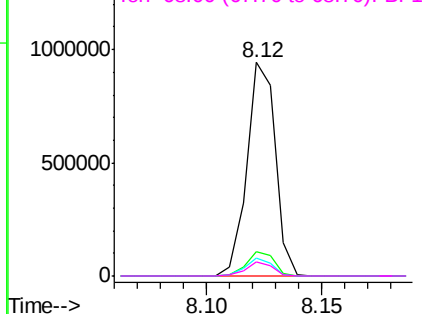
68 6.5 5.0 7.4

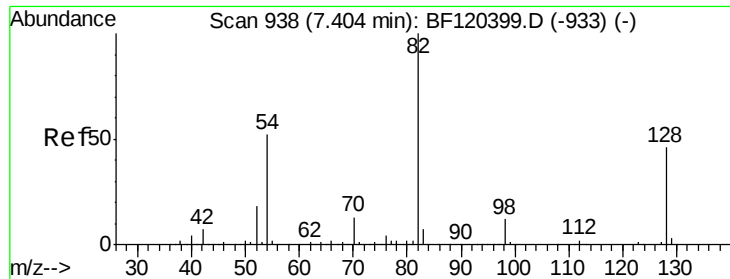
Abundance Ion 136.00 (135.70 to 136.70): E

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





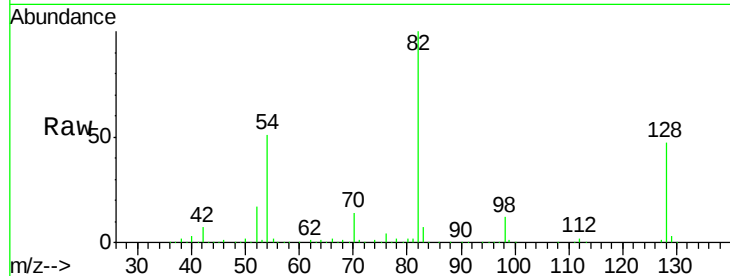
#23
 Nitrobenzene-d5
 Concen: 72.51 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF120479.D
 Acq: 1 Jun 2020 18:55

Instrument :
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 ClientSampleId :
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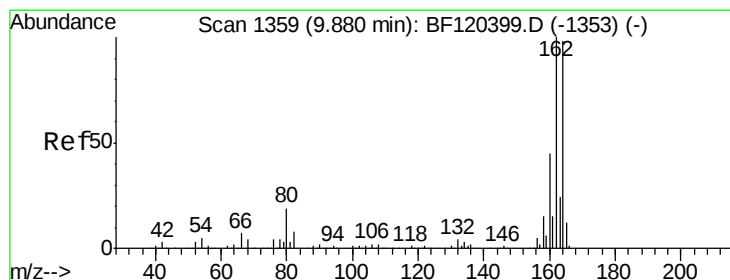
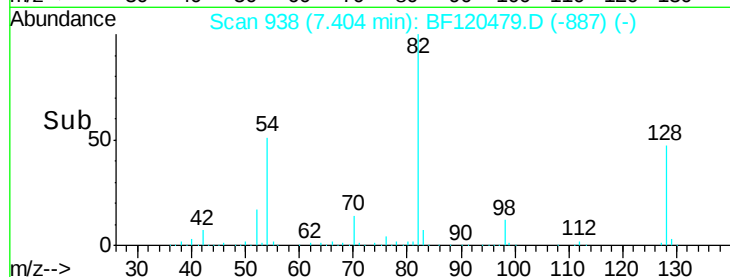
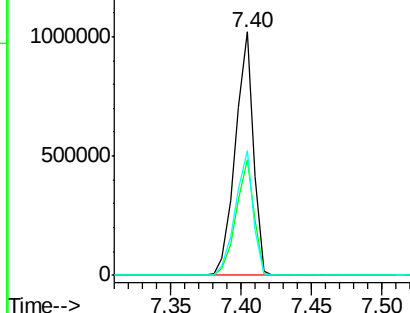
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	902433		
128	47.3	36.8	55.2	
54	51.3	41.6	62.4	

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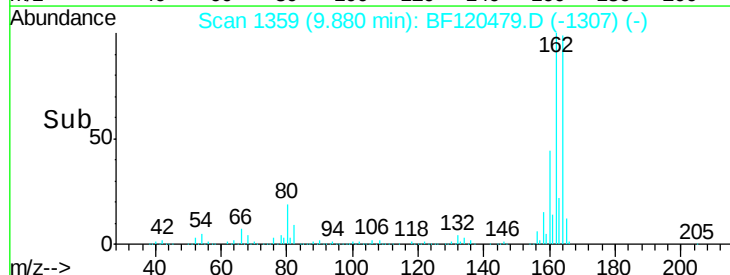
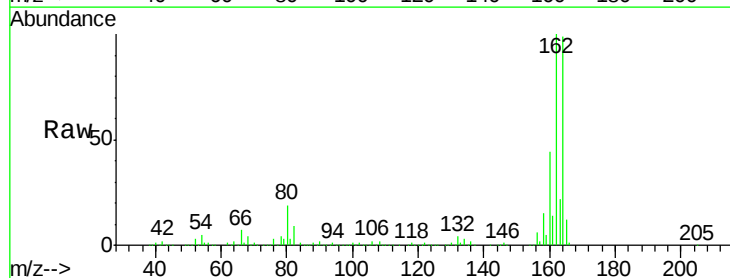
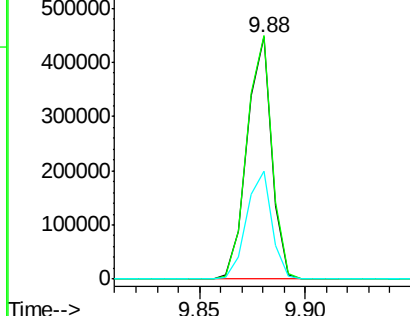
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF120479.D
 Acq: 1 Jun 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	362633		
162	100.6	81.3	121.9	
160	44.4	36.9	55.3	

Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





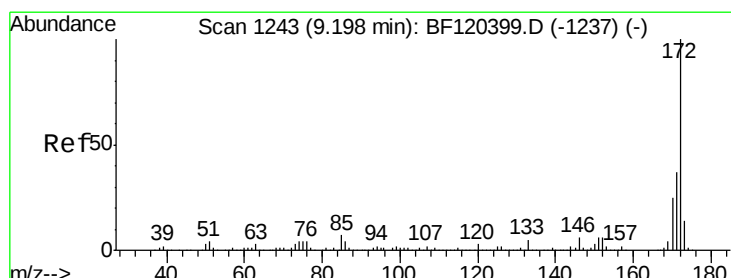
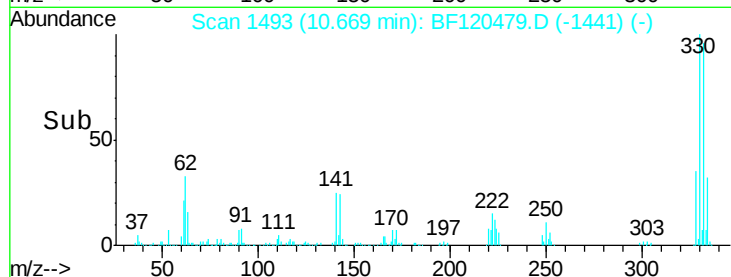
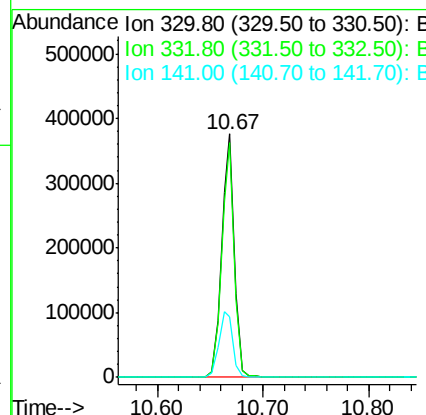
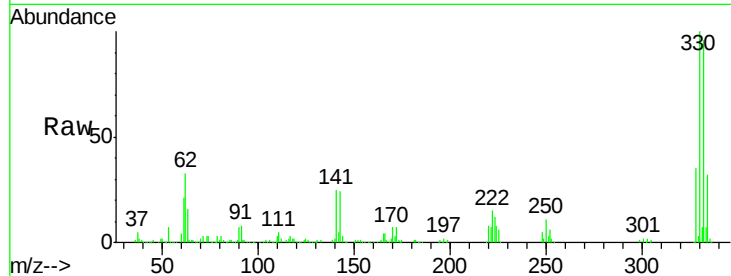
#42
 2,4,6-Tribromophenol
 Concen: 95.97 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120479.D
 Acq: 1 Jun 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	322443		
332	95.5	77.0	115.6	
141	30.2	25.3	37.9	

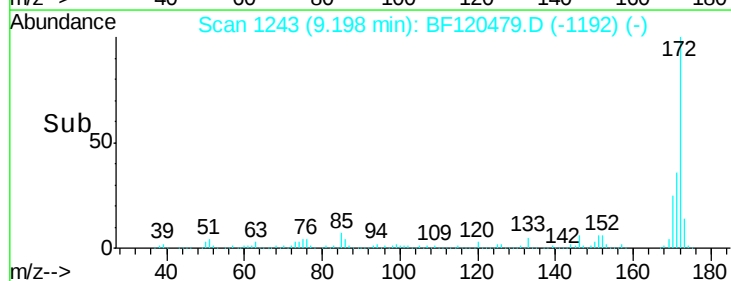
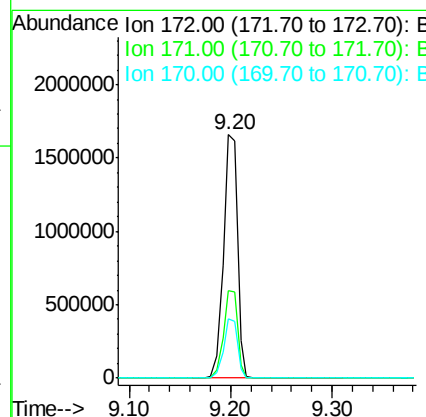
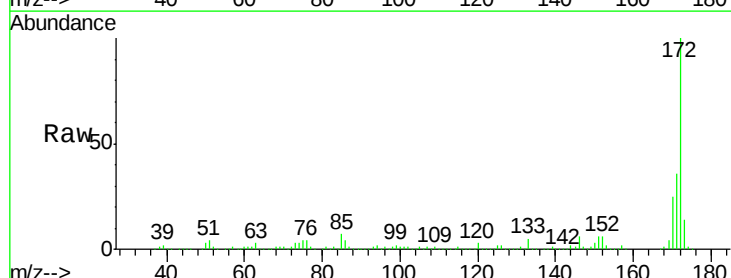
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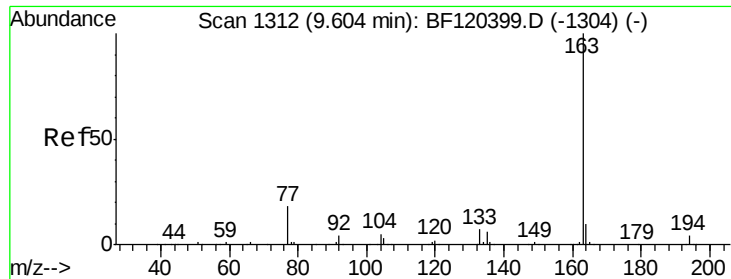
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#45
 2-Fluorobiphenyl
 Concen: 74.07 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120479.D
 Acq: 1 Jun 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1583165		
171	36.1	29.7	44.5	
170	24.5	19.9	29.9	





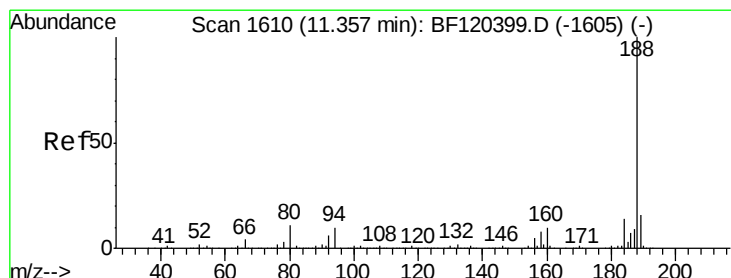
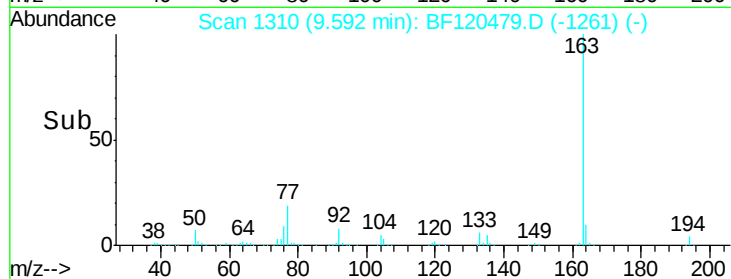
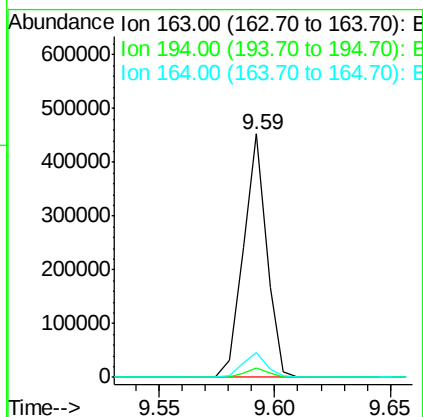
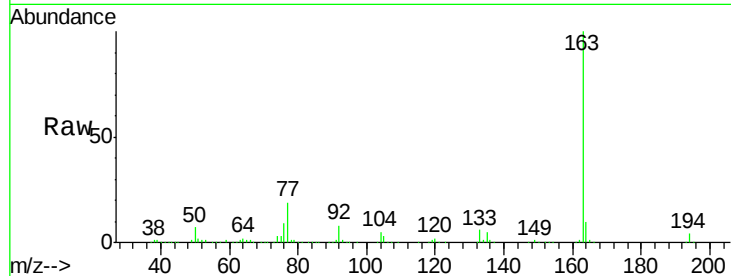
#50
Dimethylphthalate
Concen: 14.20 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	322039		
194	4.0	3.3	4.9	
164	10.0	8.3	12.5	

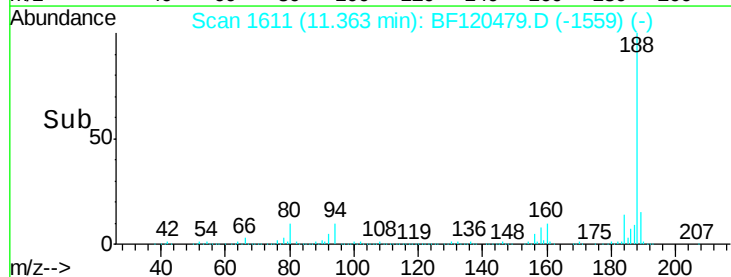
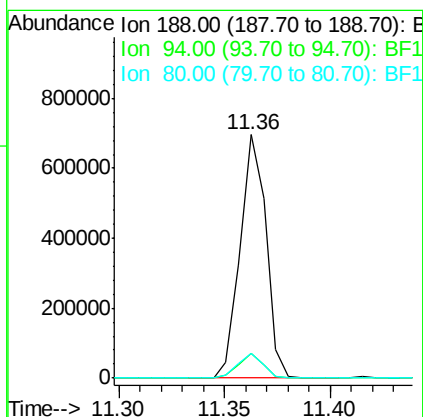
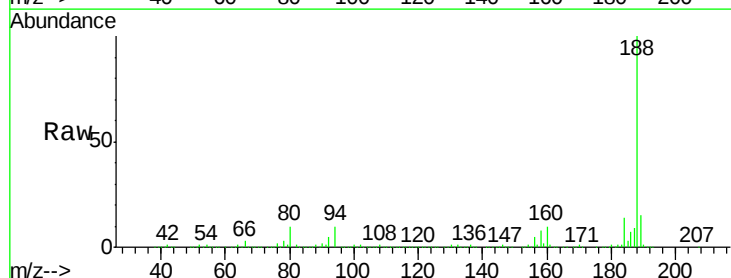
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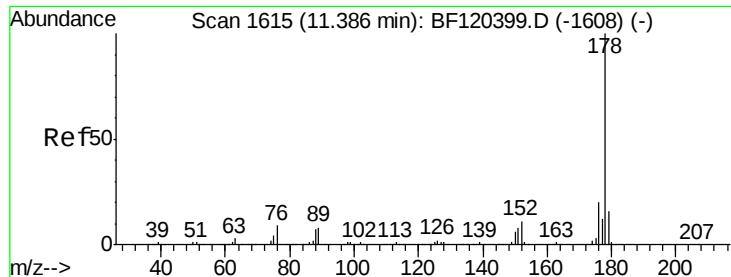
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	590348		
94	10.1	7.9	11.9	
80	10.2	8.6	13.0	





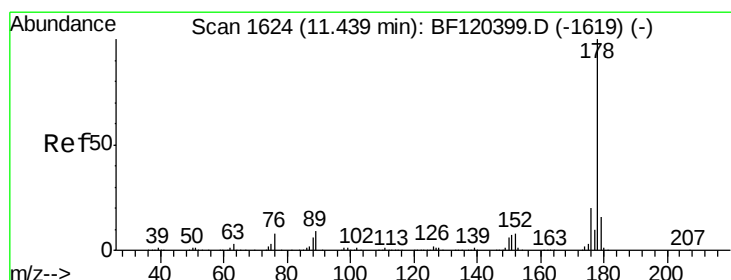
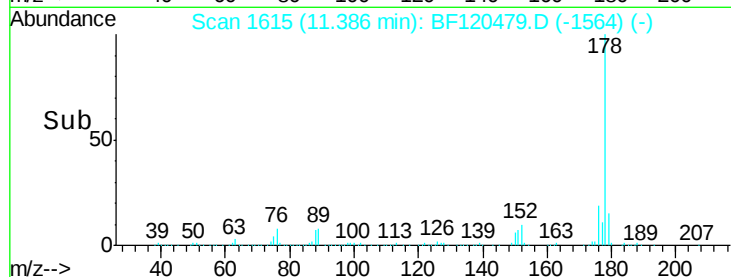
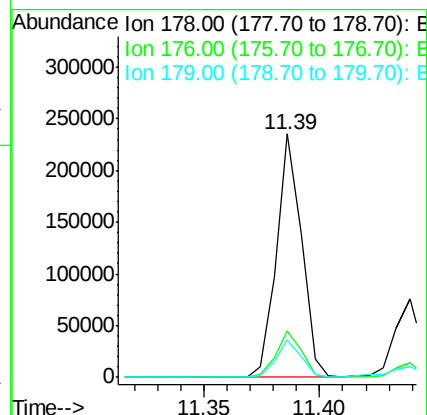
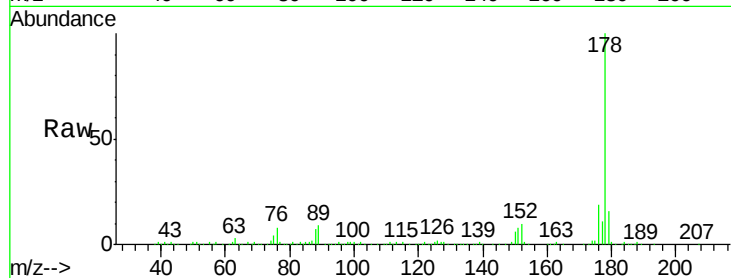
#71
Phenanthrene
Concen: 6.84 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.4	24.6
179	15.6	13.0	19.4

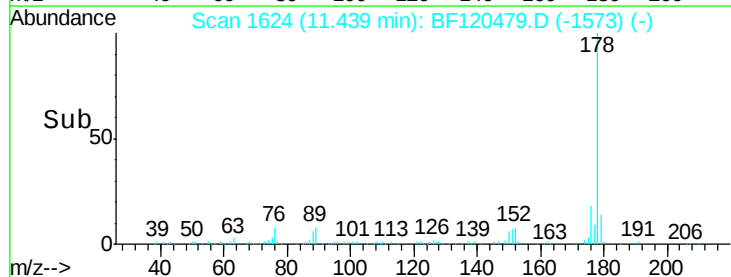
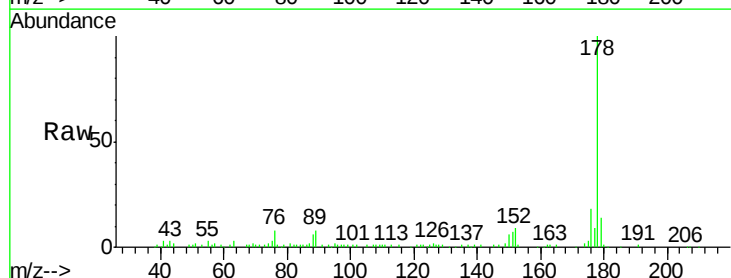
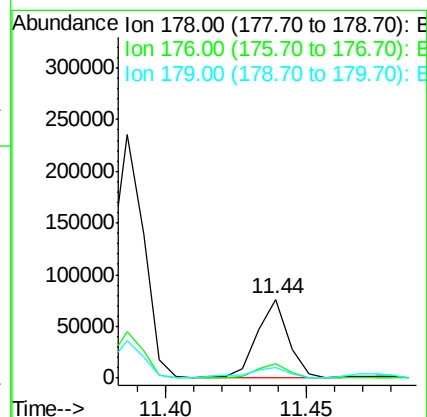
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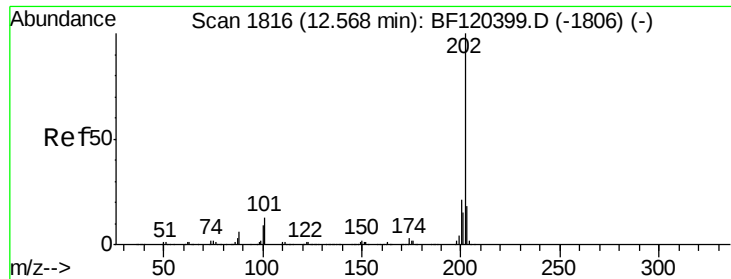
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#72
Anthracene
Concen: 2.19 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	14.3	12.8	19.2





#75

Fluoranthene

Concen: 16.52 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120479.D

Acq: 1 Jun 2020 18:55

Instrument :

BNA_F

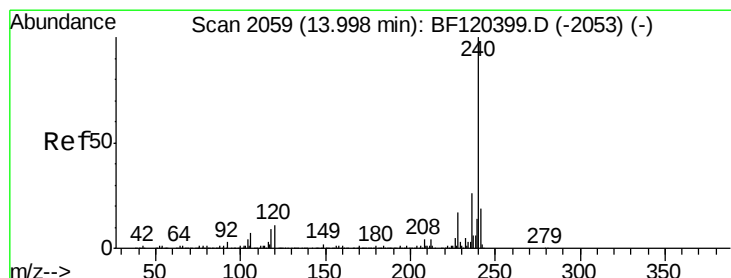
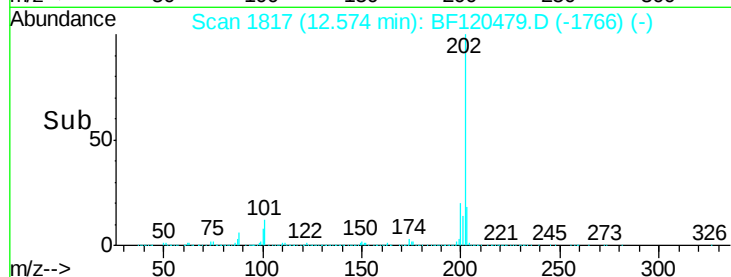
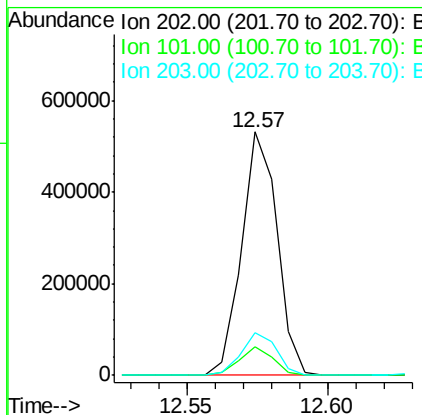
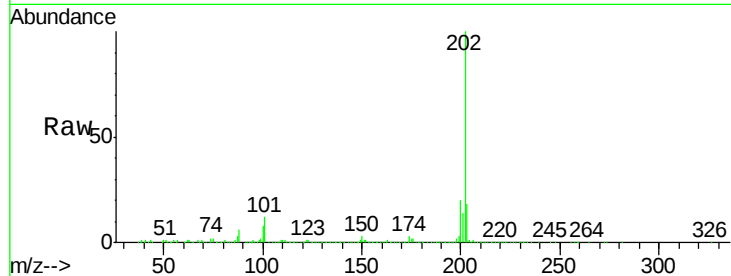
ClientSampleId :

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Tgt Ion:	202	Resp:	462373
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.6
203	17.6	0.0	38.4

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#76

Chrysene-d12

Concen: 20.00 ng

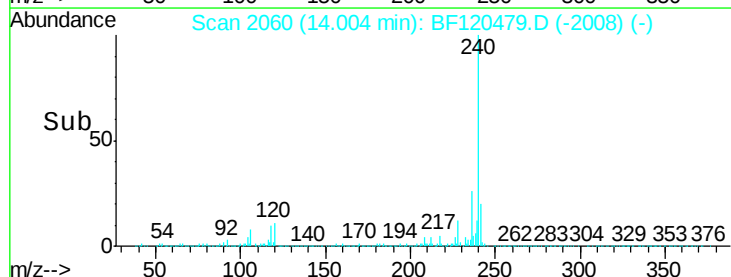
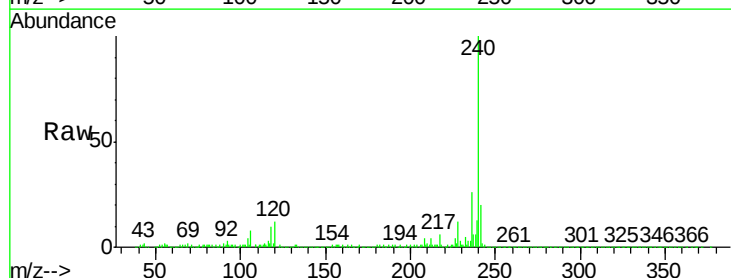
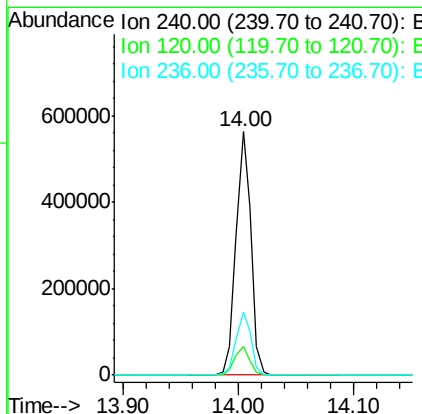
RT: 14.00 min Scan# 2060

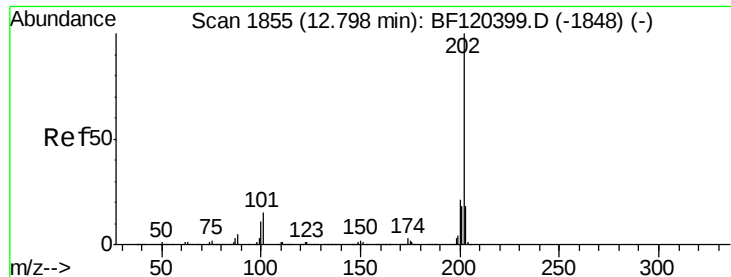
Delta R.T. 0.01 min

Lab File: BF120479.D

Acq: 1 Jun 2020 18:55

Tgt Ion:	240	Resp:	500601
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.8	13.2
236	26.1	21.0	31.4





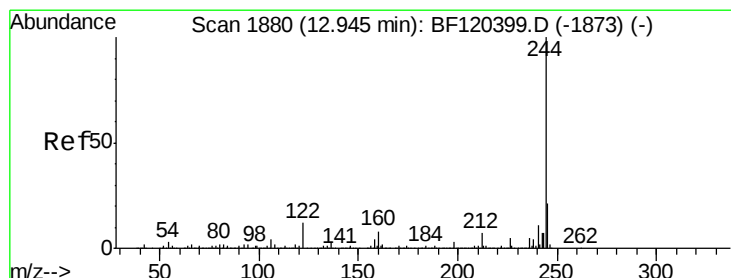
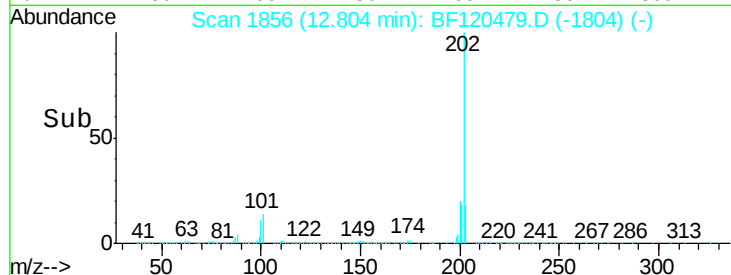
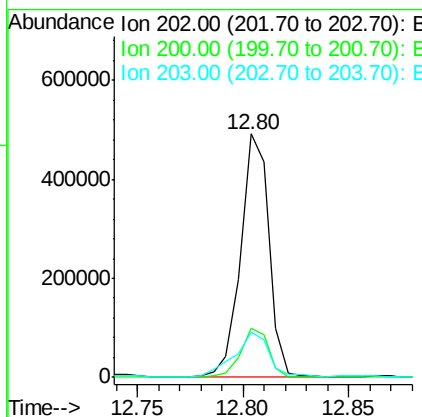
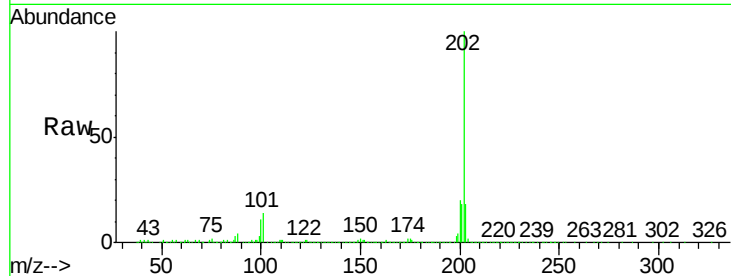
#78
 Pyrene
 Concen: 13.04 ng
 RT: 12.80 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF120479.D
 Acq: 1 Jun 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	18.5	14.7	22.1

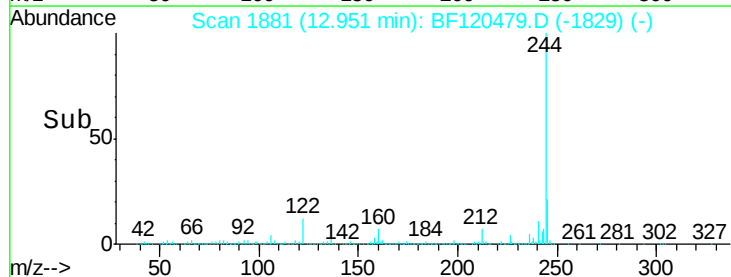
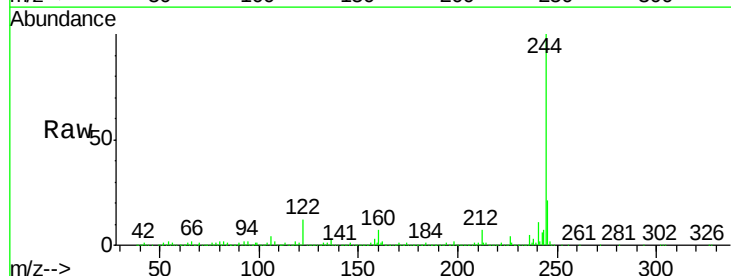
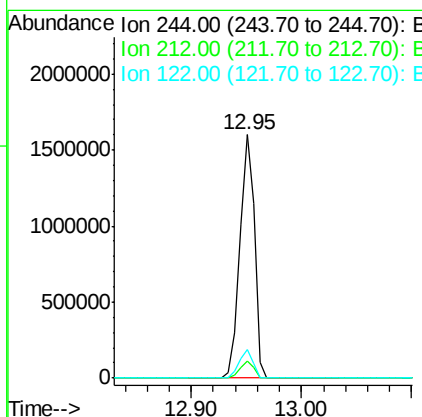
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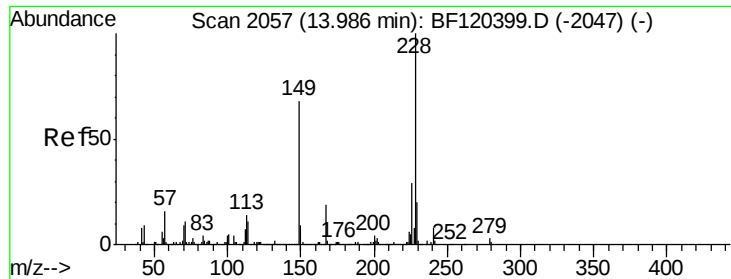
mohammad
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#79
 Terphenyl-d14
 Concen: 66.21 ng
 RT: 12.95 min Scan# 1881
 Delta R.T. 0.01 min
 Lab File: BF120479.D
 Acq: 1 Jun 2020 18:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.5	9.2	13.8





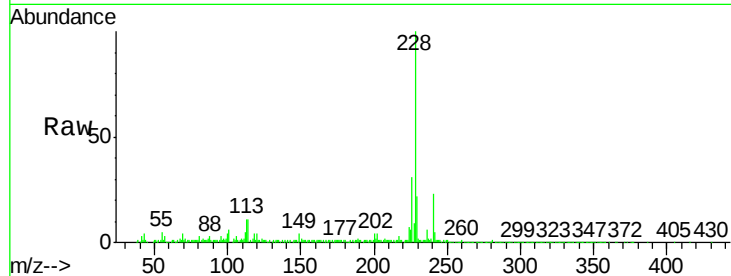
#81
Benzo(a)anthracene
Concen: 10.22 ng
RT: 13.99 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-2020-0-6

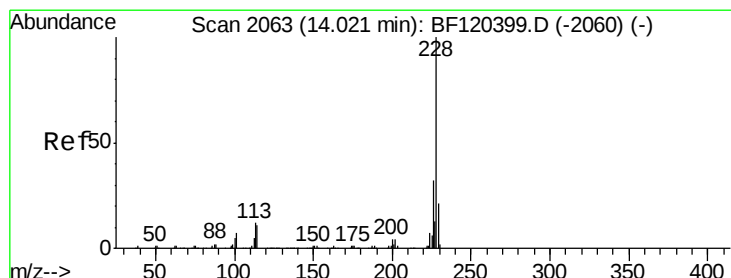
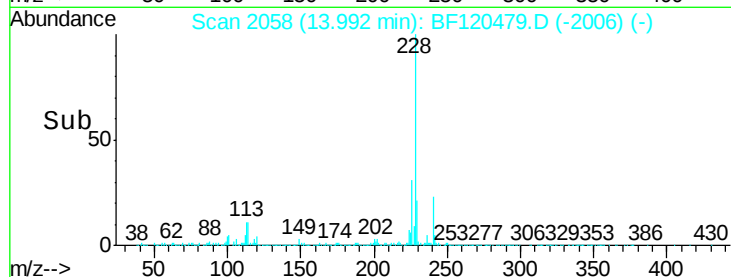
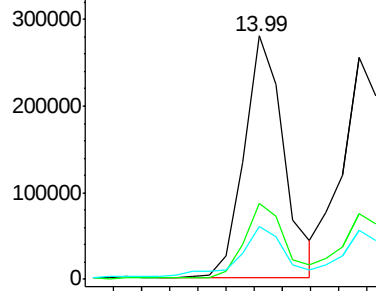
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.0	34.4
229	21.7	16.2	24.4

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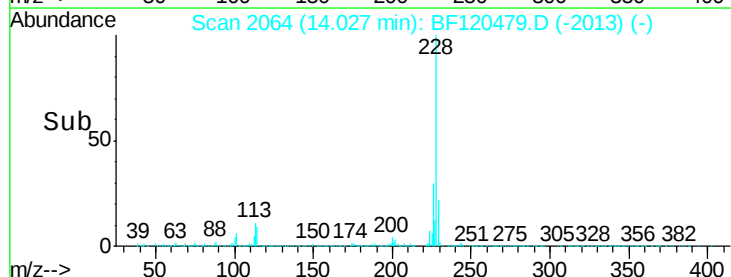
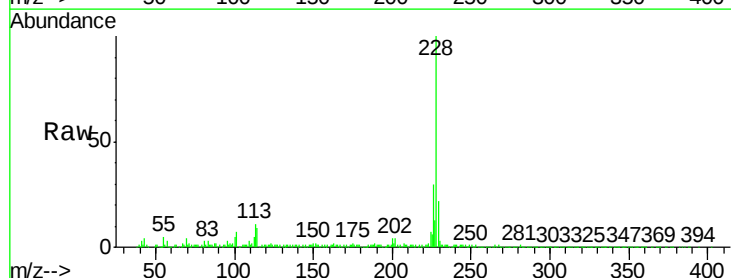
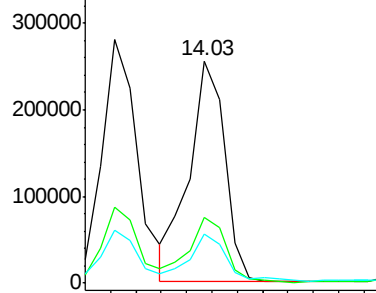
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

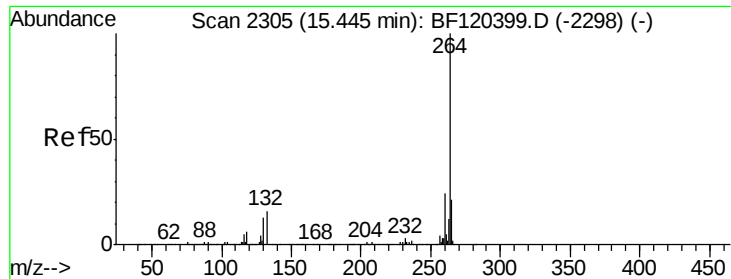


#83
Chrysene
Concen: 8.92 ng
RT: 14.03 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.6	38.4
229	22.2	16.6	25.0

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





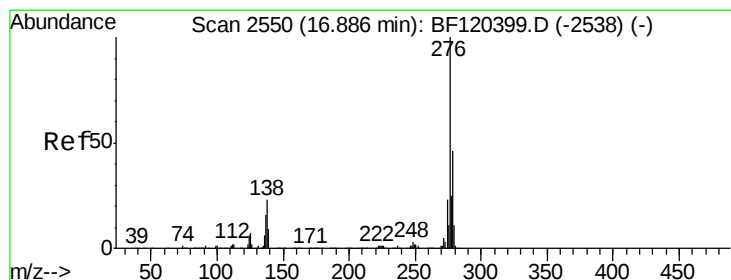
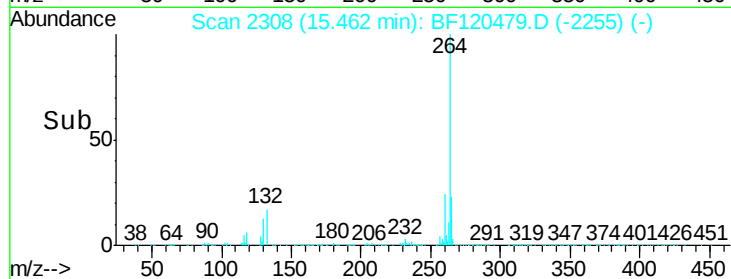
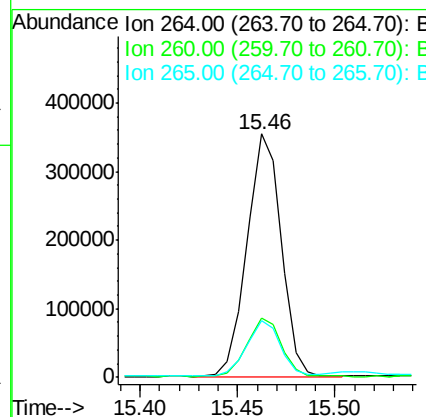
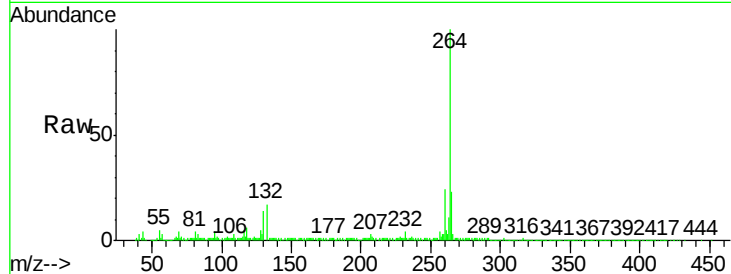
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.1	16.9	25.3

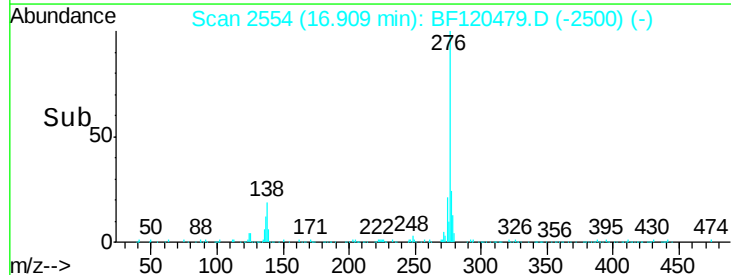
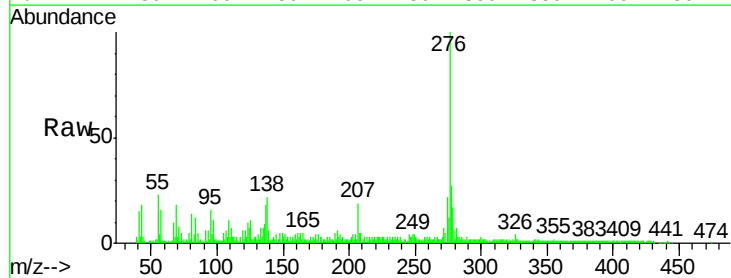
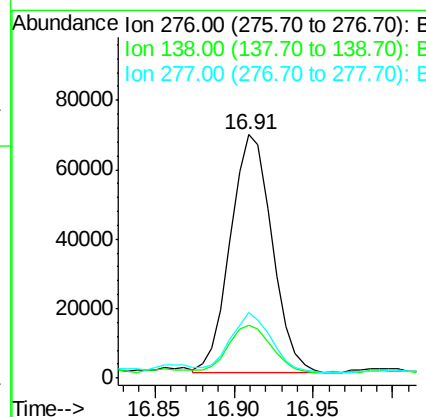
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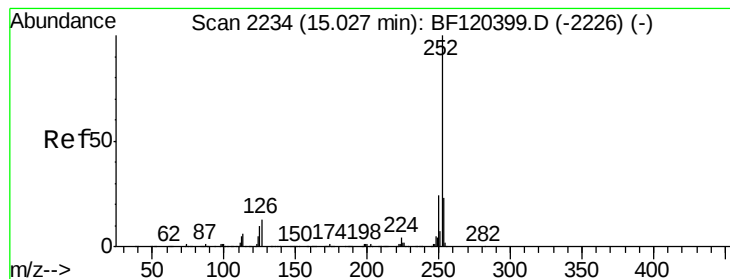
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.35 ng
RT: 16.91 min Scan# 2554
Delta R.T. 0.02 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	20.4	30.6
277	24.6	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 13.86 ng m

RT: 15.04 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF120479.D

Acq: 1 Jun 2020 18:55

Instrument :

BNA_F

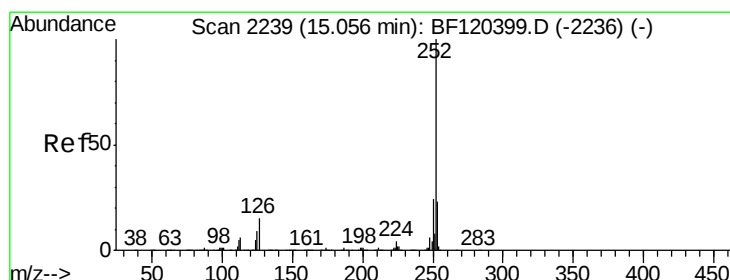
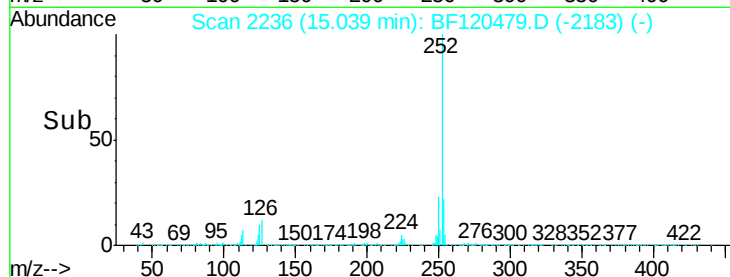
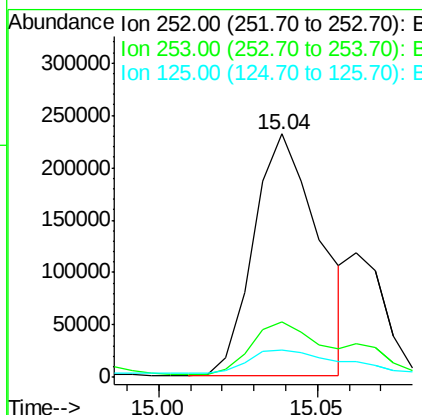
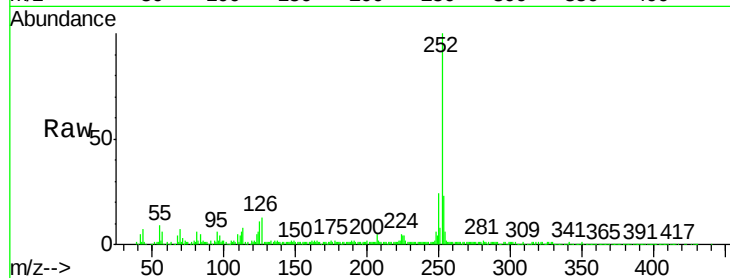
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	329359		
253	23.0	18.1	27.1	
125	11.3	7.8	11.8	

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#89

Benzo(k)fluoranthene

Concen: 4.14 ng m

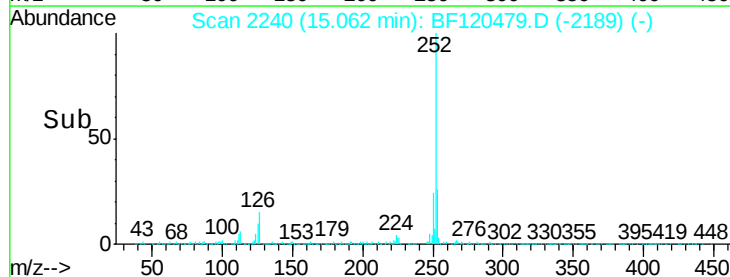
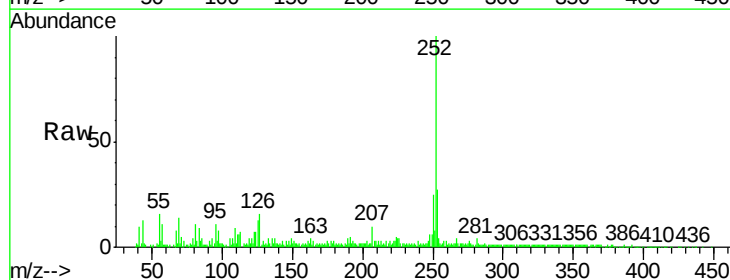
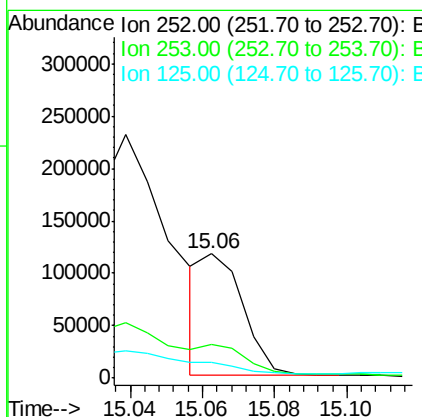
RT: 15.06 min Scan# 2240

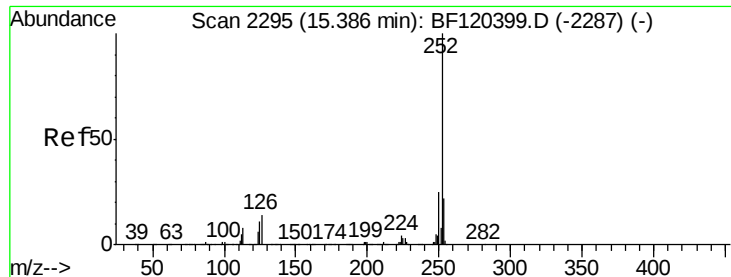
Delta R.T. -0.00 min

Lab File: BF120479.D

Acq: 1 Jun 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	91889		
253	27.4	18.5	27.7	
125	12.6	8.0	12.0	





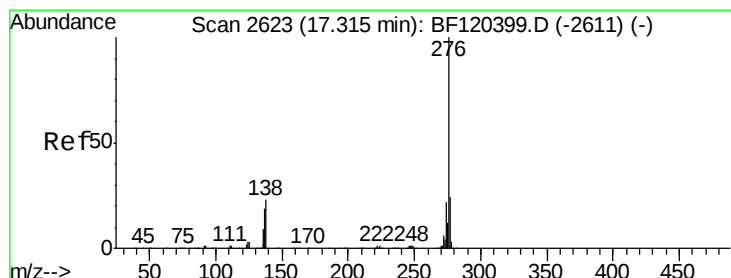
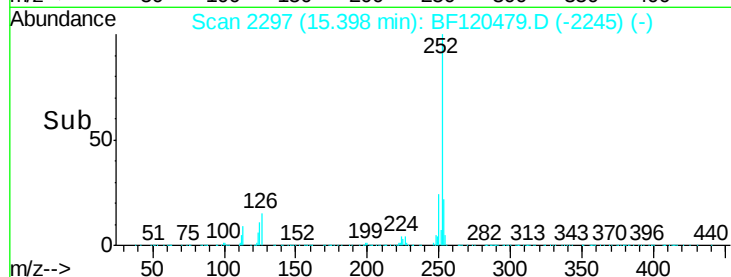
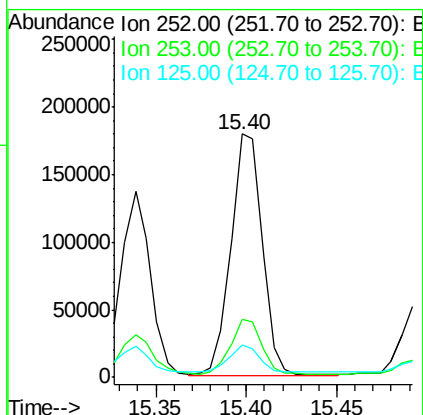
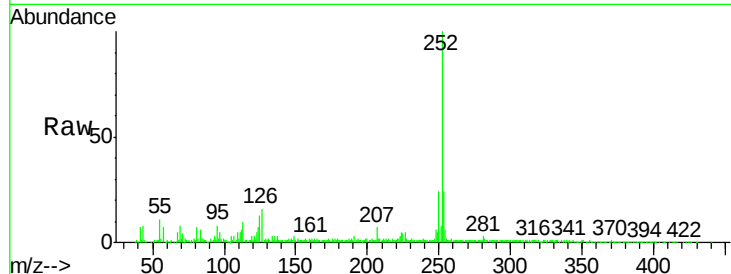
#90
Benzo(a)pyrene
Concen: 10.34 ng
RT: 15.40 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	13.1	8.7	13.1#

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#92
Benzo(g,h,i)perylene
Concen: 6.47 ng
RT: 17.35 min Scan# 2629
Delta R.T. 0.02 min
Lab File: BF120479.D
Acq: 1 Jun 2020 18:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.5	29.3
138	22.6	18.1	27.1

