

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120507.D
 Acq On : 3 Jun 2020 14:13
 Operator : JU/CG
 Sample : L2839-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 04 00:52:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	234097	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	887408	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	455941	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	841437	20.00	ng	0.00
76) Chrysene-d12	14.00	240	540534	20.00	ng	-0.01
86) Perylene-d12	15.45	264	535864	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	797844	64.95	ng	0.00
7) Phenol-d6	6.46	99	1045735	69.07	ng	-0.01
23) Nitrobenzene-d5	7.39	82	772163	56.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	339644	80.40	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1446816	53.84	ng	0.00
79) Terphenyl-d14	12.94	244	1482378	61.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	213426	7.488	ng	100
71) Phenanthrene	11.38	178	156817	4.230	ng	96
75) Fluoranthene	12.57	202	314037	7.872	ng	98
78) Pyrene	12.80	202	281485	7.488	ng	97
81) Benzo(a)anthracene	13.99	228	121419	4.191	ng	96
83) Chrysene	14.02	228	120656	3.973	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	78221	2.669	ng	94
88) Benzo(b)fluoranthene	15.03	252	158566m	5.328	ng	
90) Benzo(a)pyrene	15.39	252	108050	4.150	ng	98
92) Benzo(g,h,i)perylene	17.33	276	74182	3.148	ng	98

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

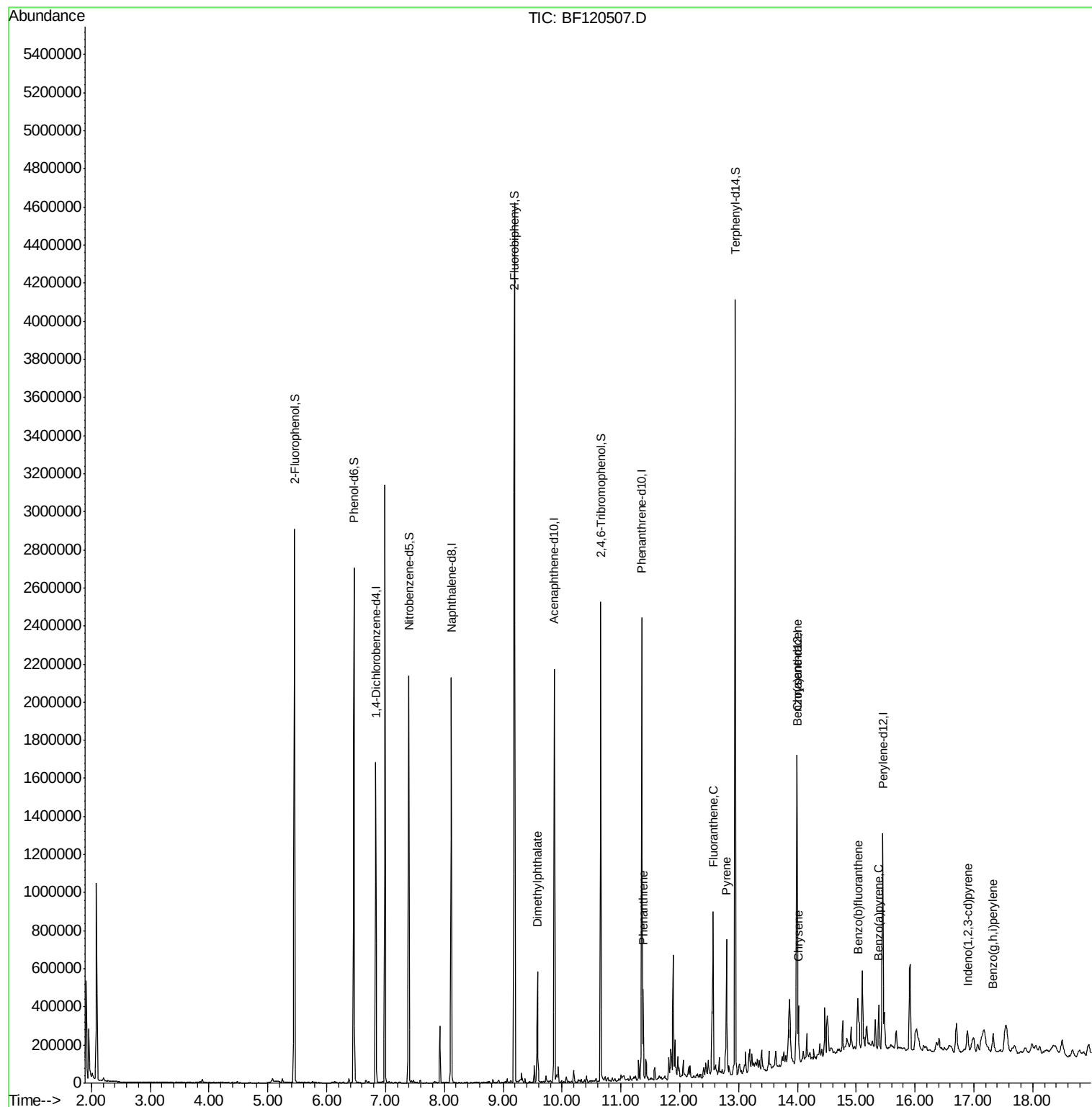
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120507.D
Acq On : 3 Jun 2020 14:13
Operator : JU/CG
Sample : L2839-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

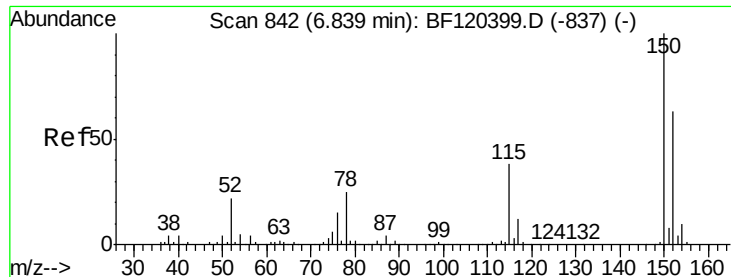
Instrument :
BNA_F
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NM34-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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#1

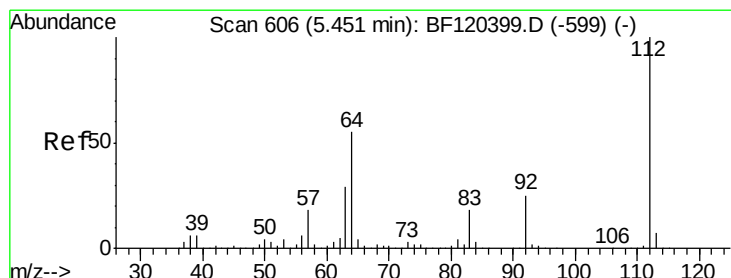
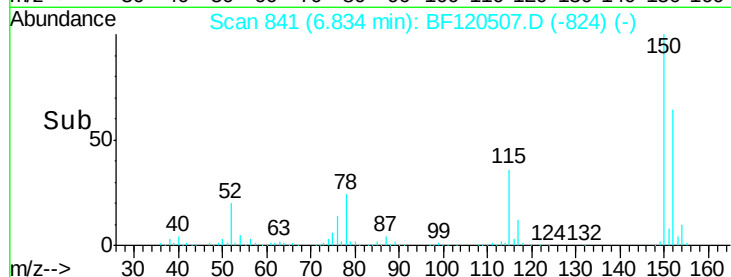
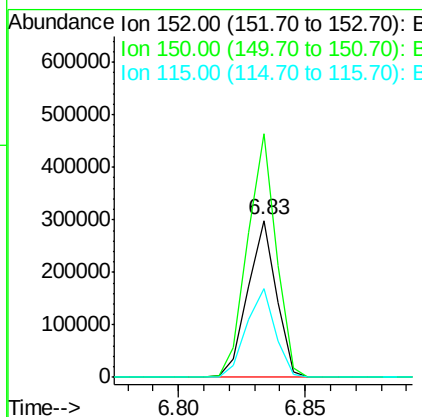
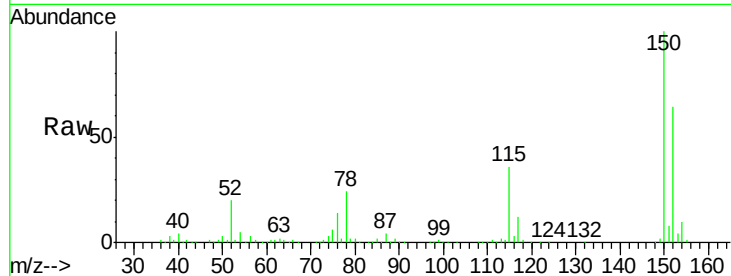
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.1	190.7
115	56.4	48.7	73.1

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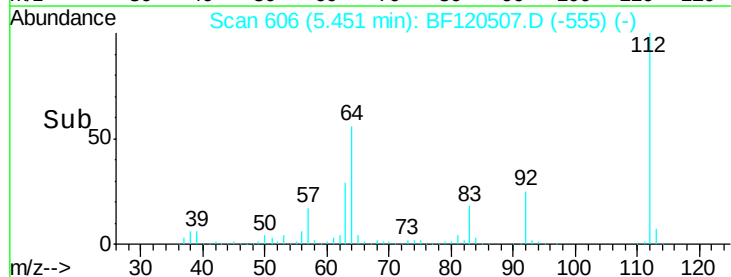
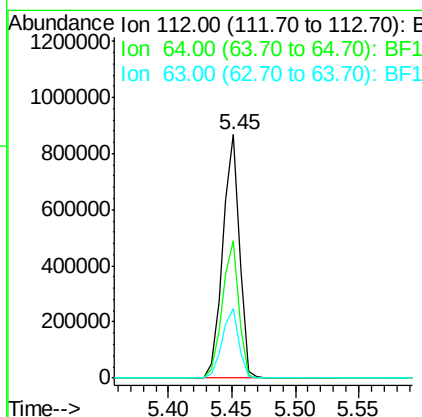
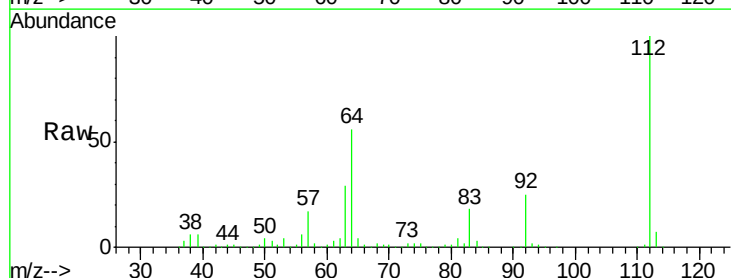
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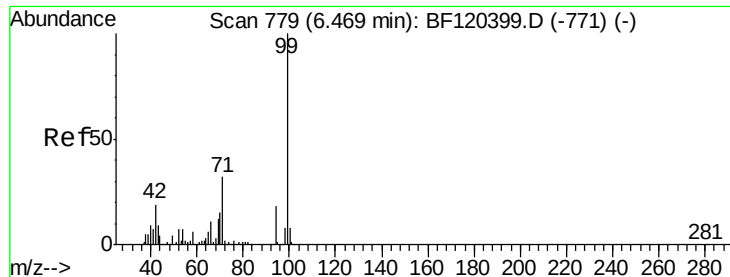


#5

2-Fluorophenol
Concen: 64.951 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.8	68.8
63	28.7	23.7	35.5





#7

Phenol-d6

Concen: 69.068 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120507.D

Acq: 3 Jun 2020 14:13

Instrument :

BNA_F

ClientSampleId :

NM34-COMP-2020-0-6

Tot Ion: 99 Resp: 1045735

Ion Ratio Lower Upper

99 100

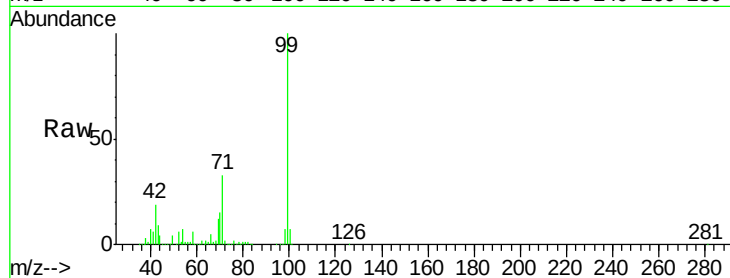
42 18.6 15.0 22.4

71 32.9 26.3 39.5

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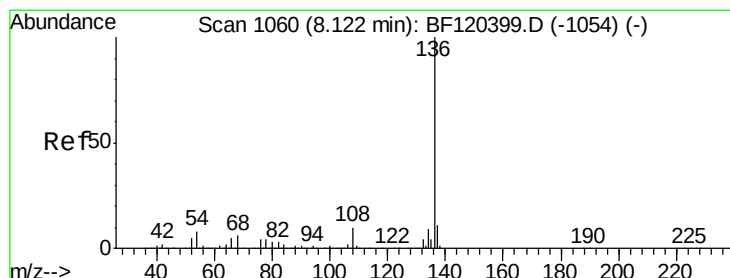
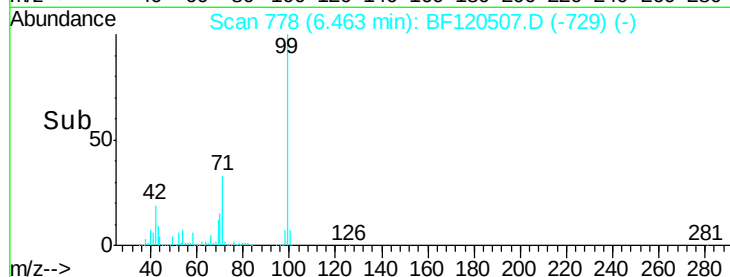
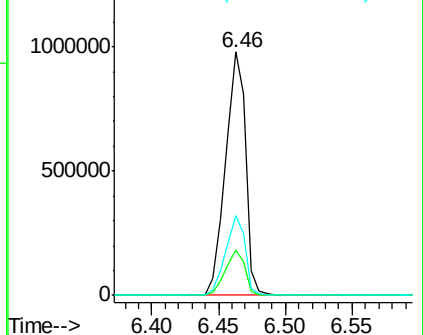
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120507.D

Acq: 3 Jun 2020 14:13

Tgt Ion: 136 Resp: 887408

Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.7 6.0 9.0

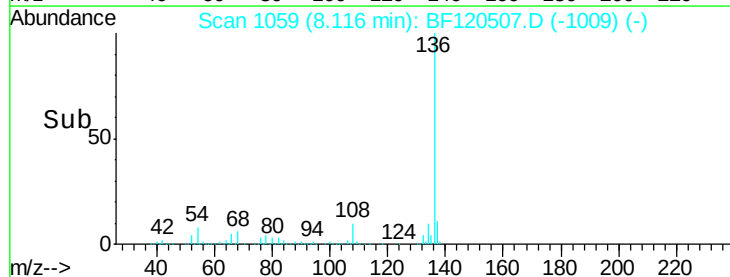
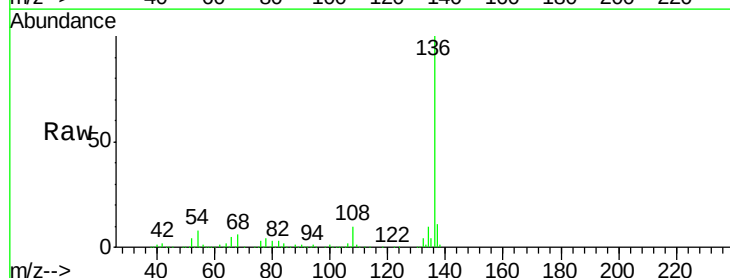
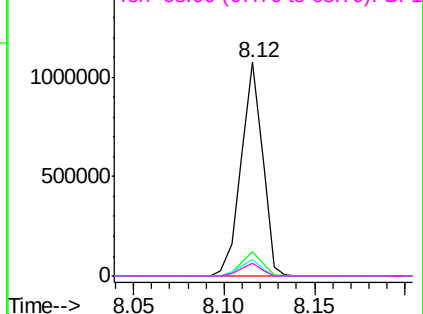
68 5.9 4.8 7.2

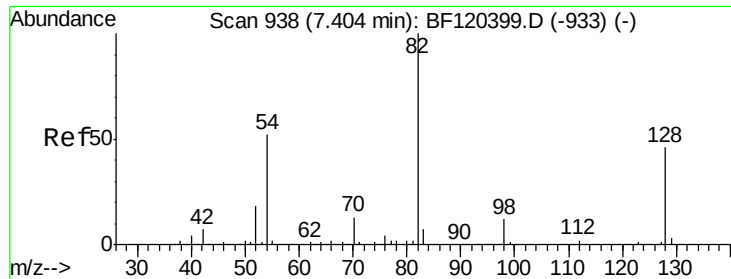
Abundance Ion 136.00 (135.70 to 136.70): E

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





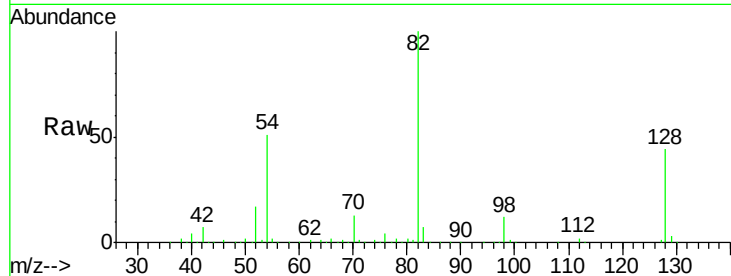
#23
 Nitrobenzene-d5
 Concen: 56.918 ng
 RT: 7.39 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF120507.D
 Acq: 3 Jun 2020 14:13

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6

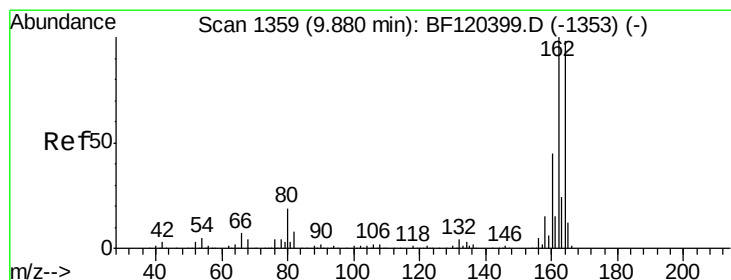
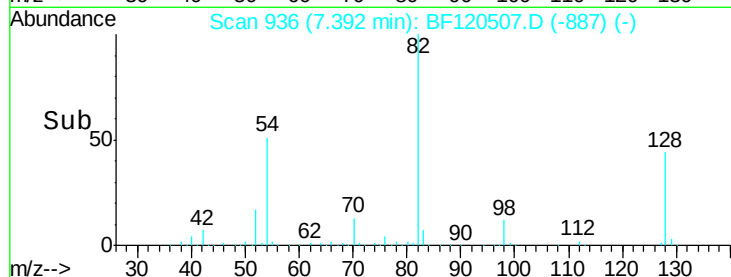
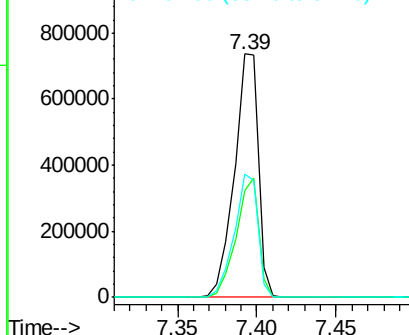
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.4	56.0
54	50.6	40.7	61.1

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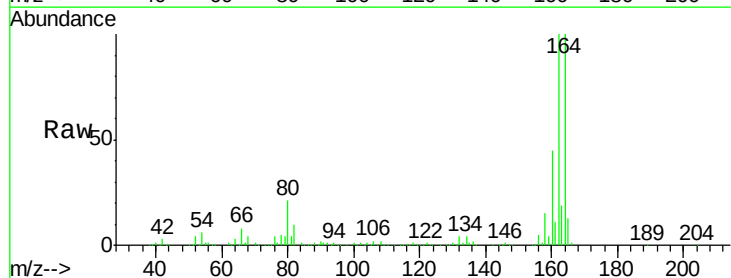


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

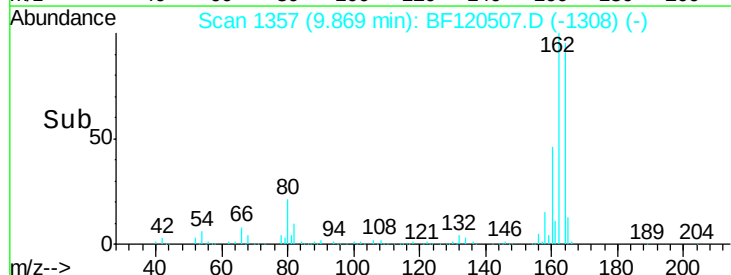
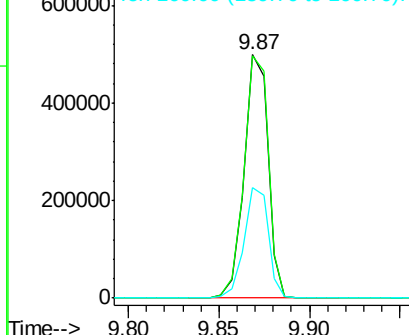


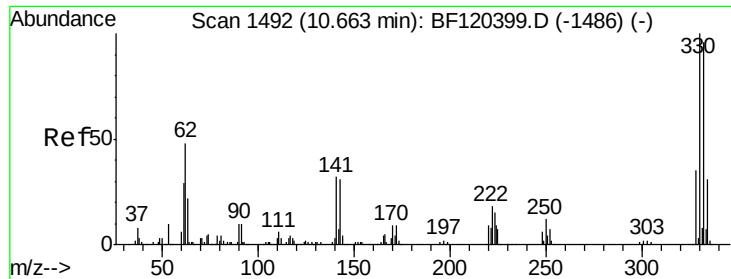
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF120507.D
 Acq: 3 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.8	122.6
160	45.2	37.3	55.9



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





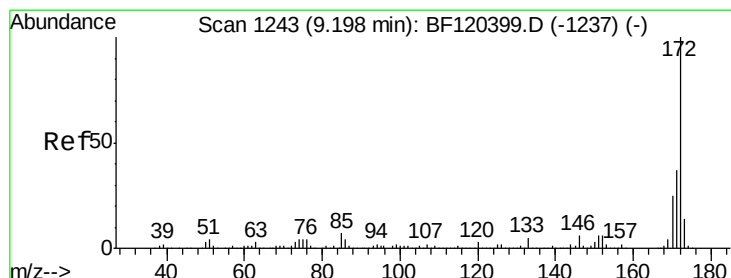
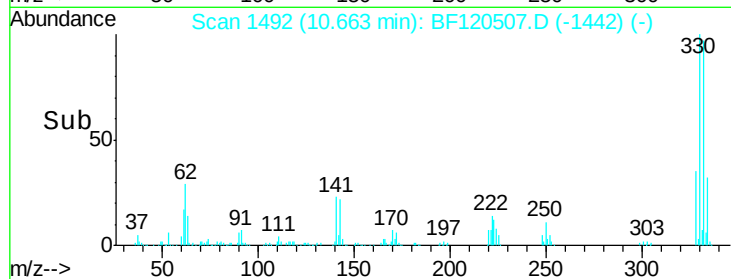
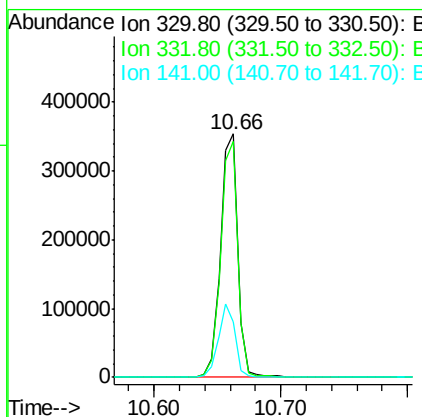
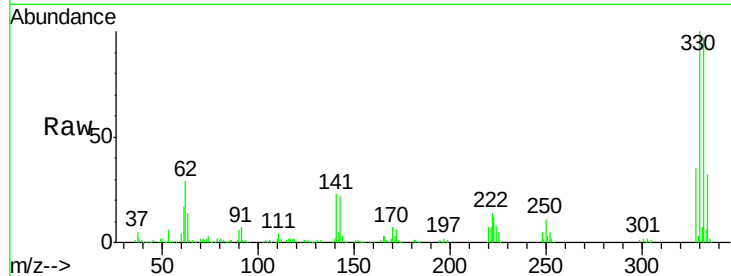
#42
 2,4,6-Tribromophenol
 Concen: 80.399 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120507.D
 Acq: 3 Jun 2020 14:13

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	339644		
332	96.6		77.4	116.2
141	29.5		23.5	35.3

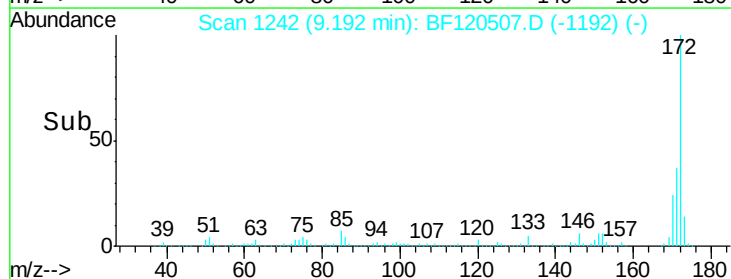
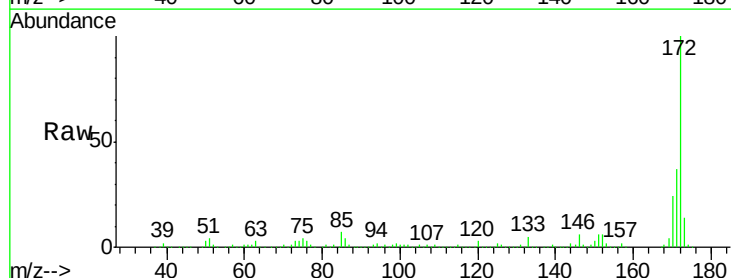
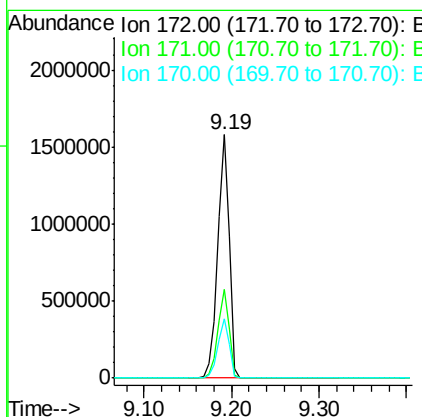
Manual Integrations
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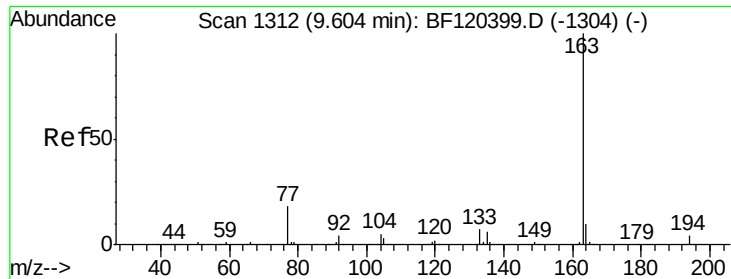
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#45
 2-Fluorobiphenyl
 Concen: 53.840 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120507.D
 Acq: 3 Jun 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1446816		
171	36.7		29.2	43.8
170	24.4		20.1	30.1





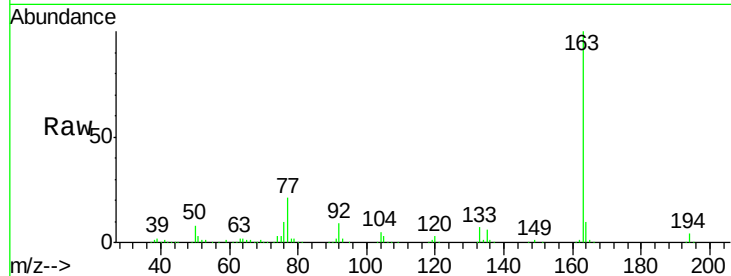
#50
Dimethylphthalate
Concen: 7.488 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6

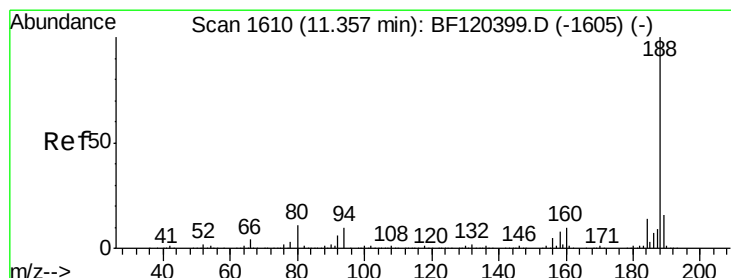
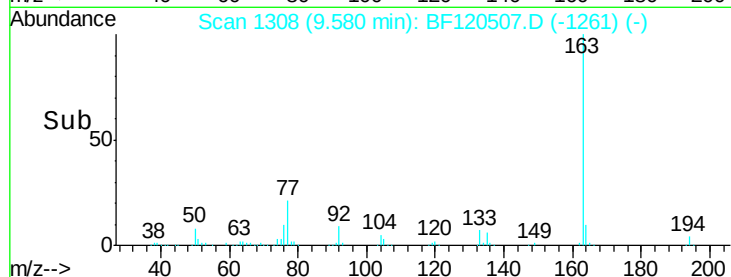
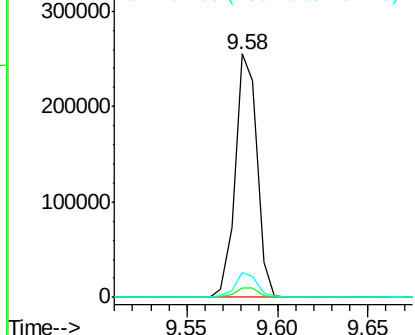
Tot Ion	Ratio	Resp	Lower	Upper
163	100	213426		
194	3.9		3.1	4.7
164	10.4		8.2	12.4

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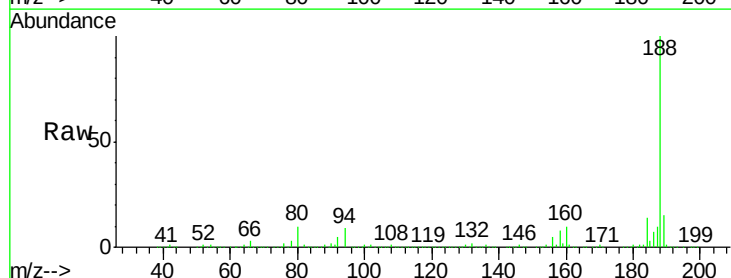


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

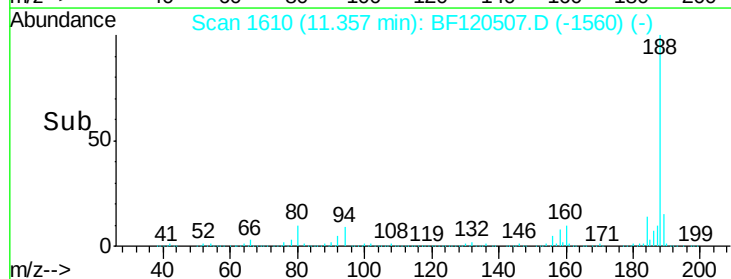
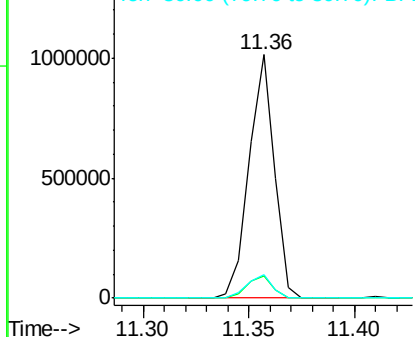


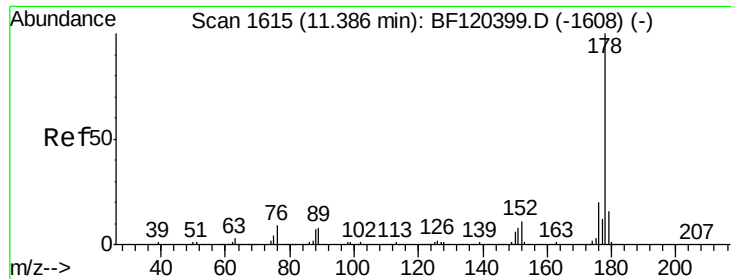
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	841437		
94	9.3		7.5	11.3
80	9.6		7.9	11.9



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





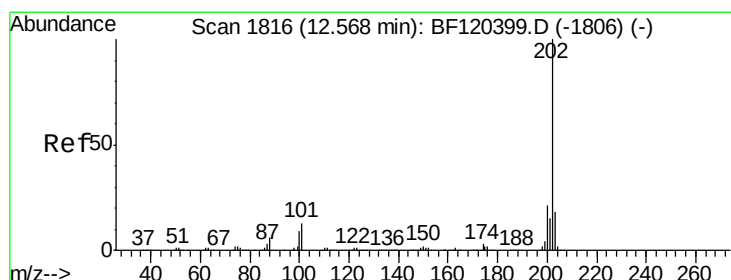
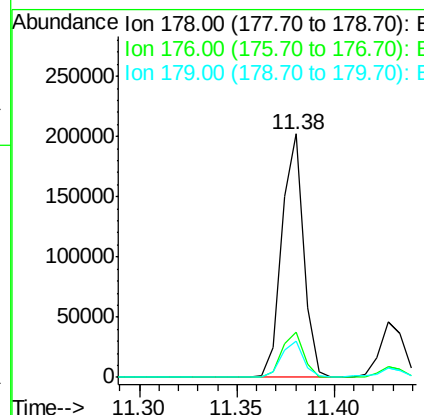
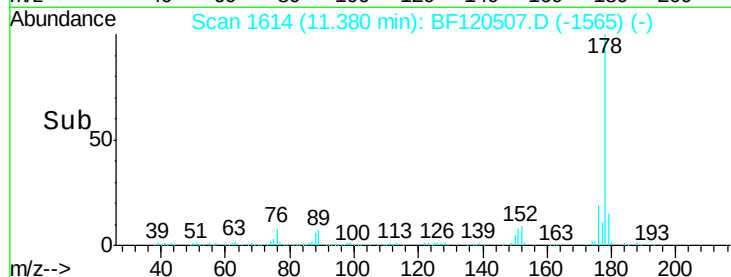
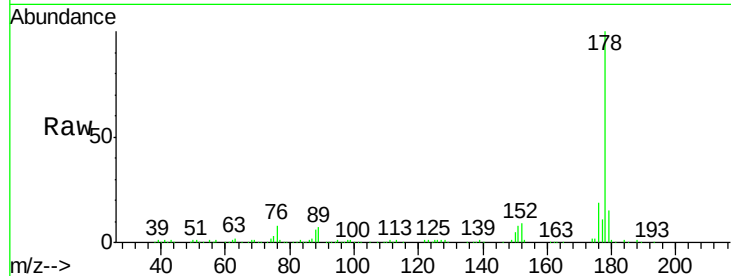
#71
Phenanthrene
Concen: 4.230 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Instrument :
BNA_F
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NM34-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.6	24.8
179	15.1	13.0	19.4

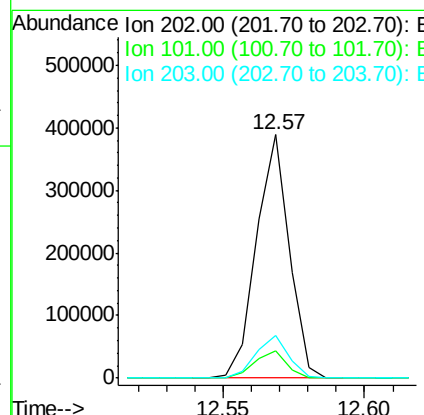
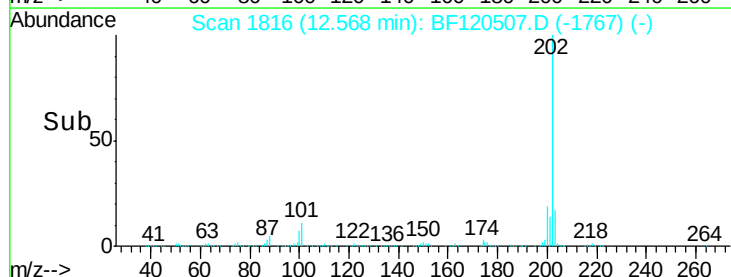
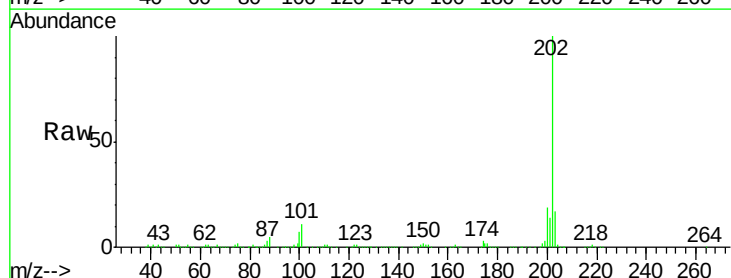
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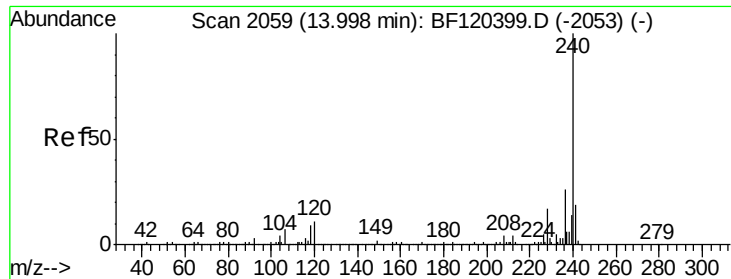
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#75
Fluoranthene
Concen: 7.872 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.4
203	17.4	0.0	38.2





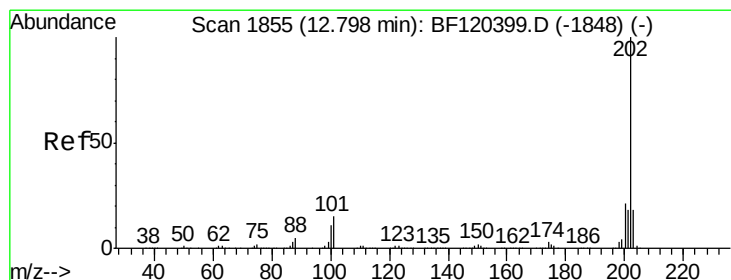
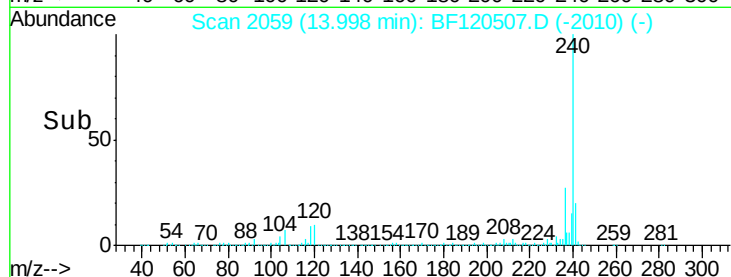
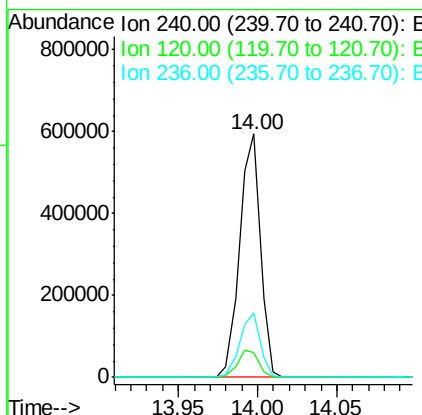
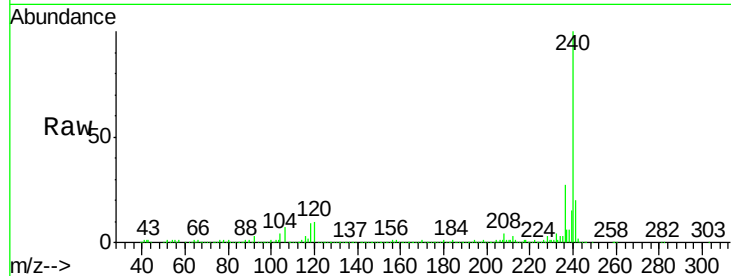
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.9	11.9
236	26.7	21.1	31.7

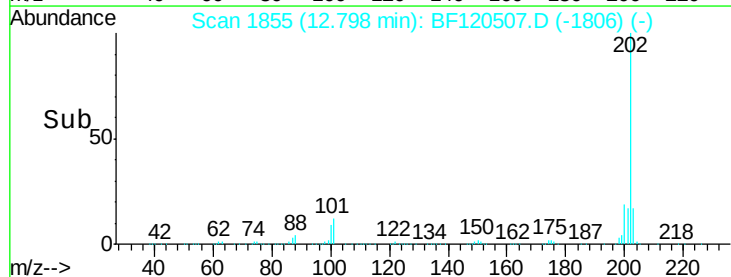
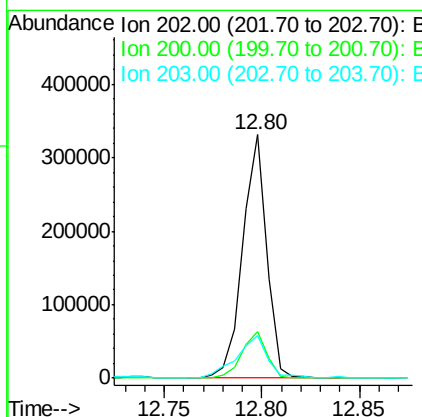
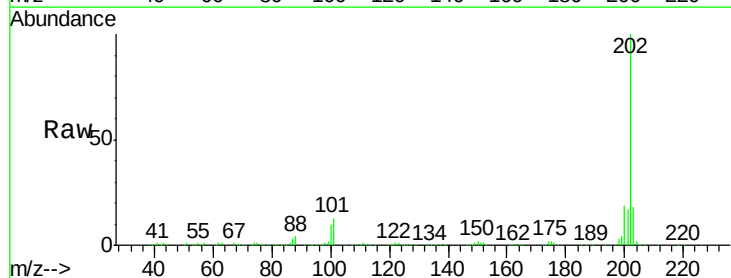
Manual Integrations
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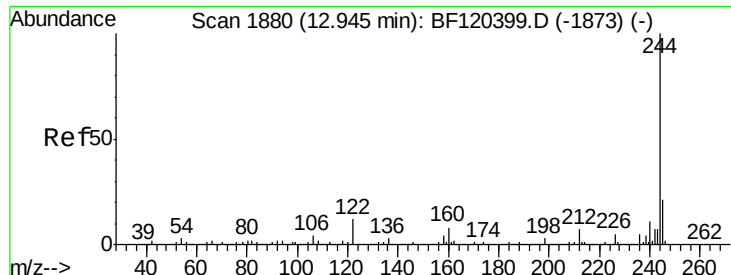
mohammad
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#78
Pyrene
Concen: 7.488 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.3	25.9
203	17.5	14.5	21.7





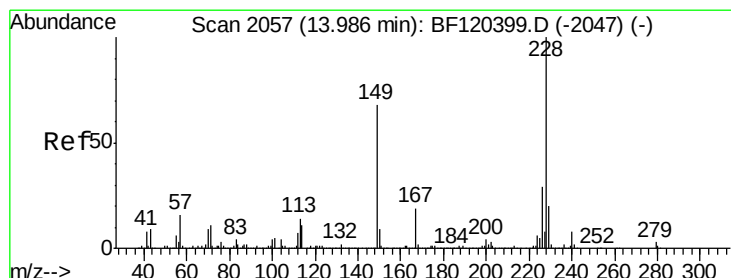
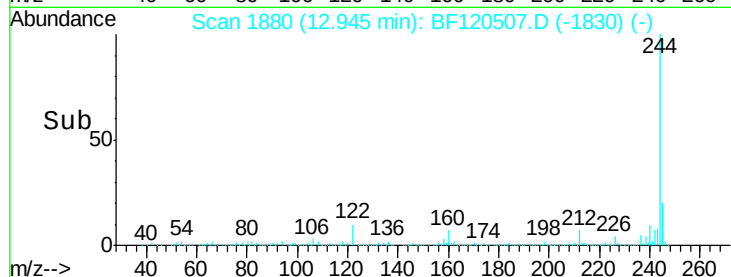
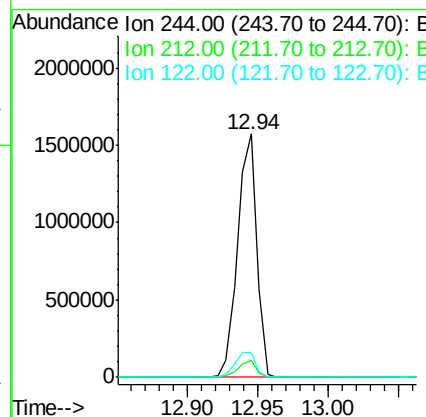
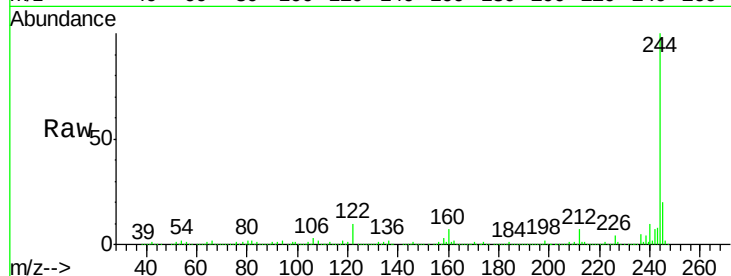
#79
 Terphenyl-d14
 Concen: 61.026 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF120507.D
 Acq: 3 Jun 2020 14:13

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.2	8.2	12.4

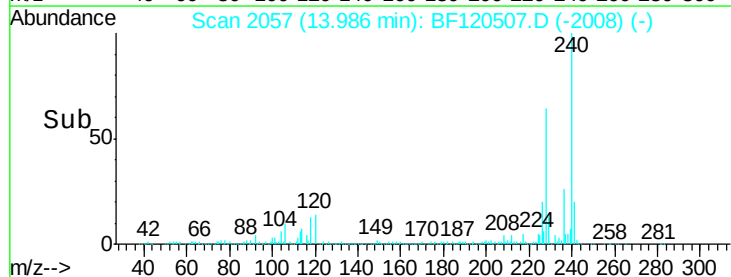
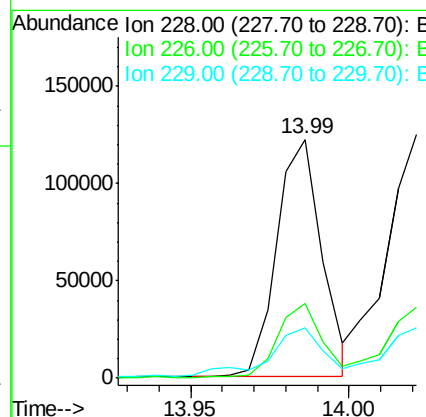
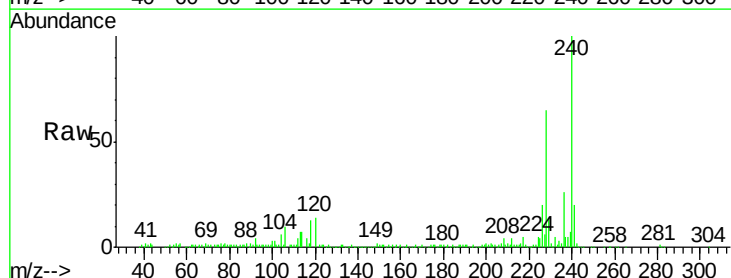
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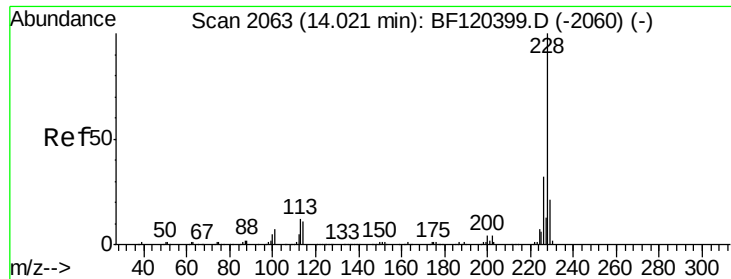
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#81
 Benzo(a)anthracene
 Concen: 4.191 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120507.D
 Acq: 3 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.7	34.1
229	21.3	16.3	24.5





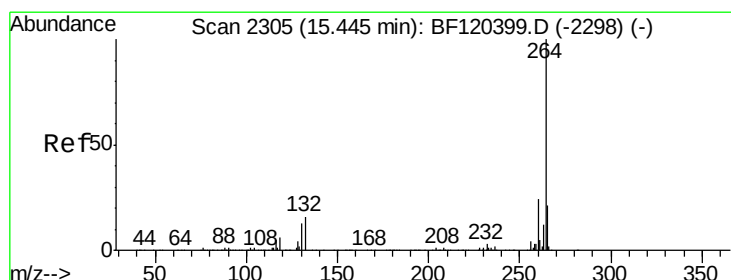
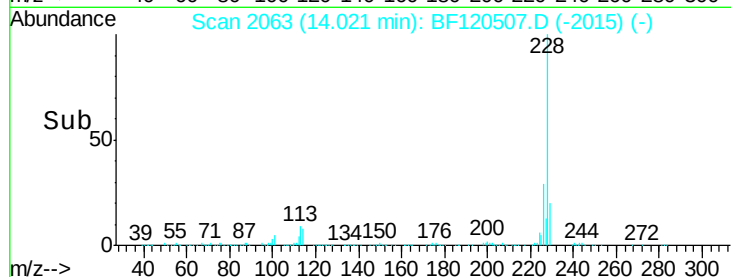
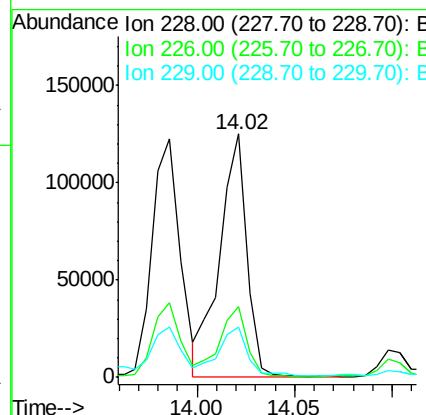
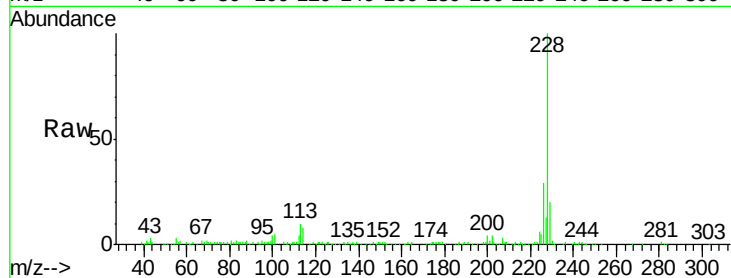
#83
Chrysene
Concen: 3.973 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6

Tot Ion:	228	Resp:	120656
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.2	37.8
229	20.5	16.1	24.1

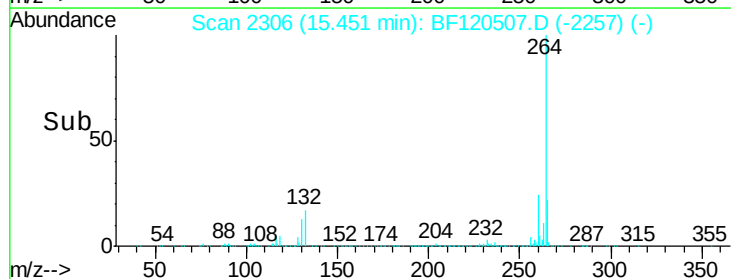
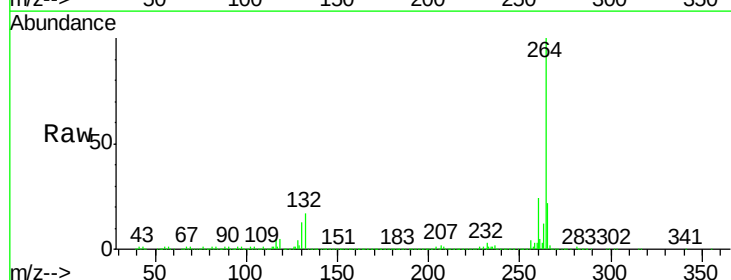
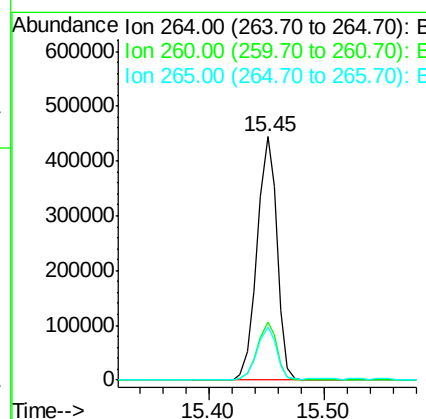
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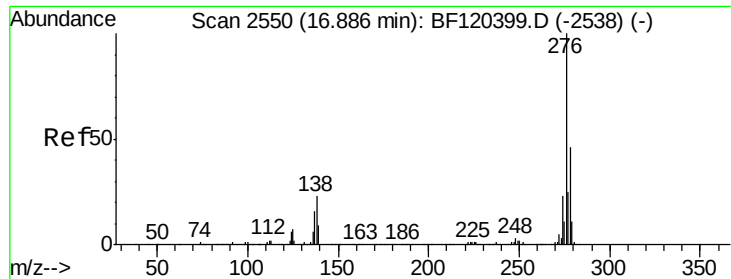
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Tgt Ion:	264	Resp:	535864
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.8	29.8
265	21.9	17.5	26.3





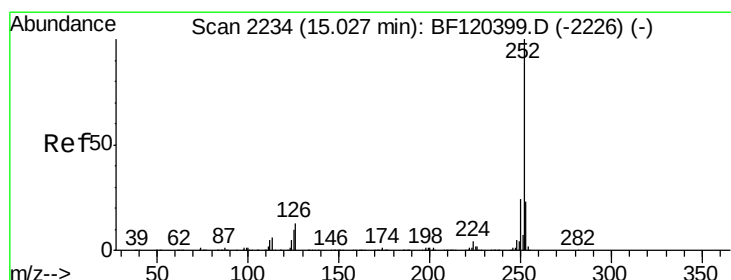
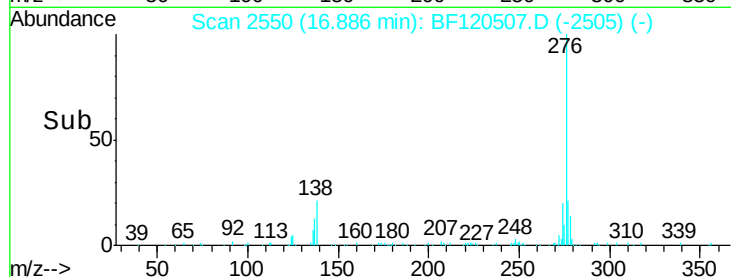
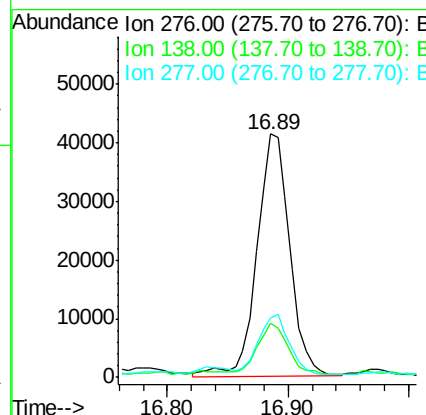
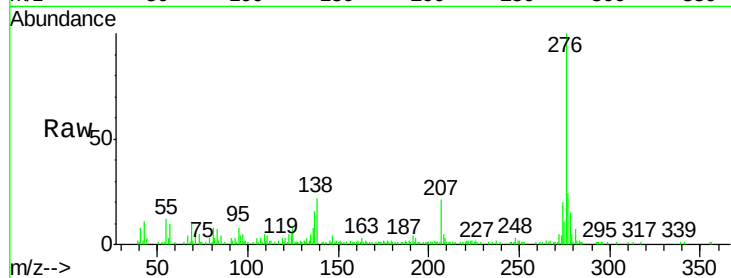
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.669 ng
 RT: 16.89 min Scan# 2550
 Delta R.T. -0.04 min
 Lab File: BF120507.D
 Acq: 3 Jun 2020 14:13

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.2	28.8
277	23.2	20.4	30.6

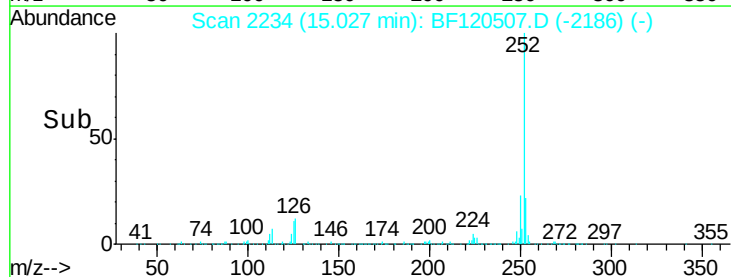
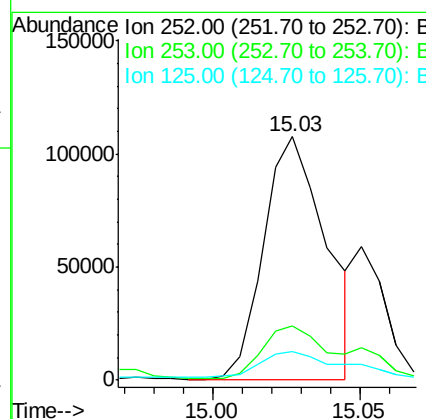
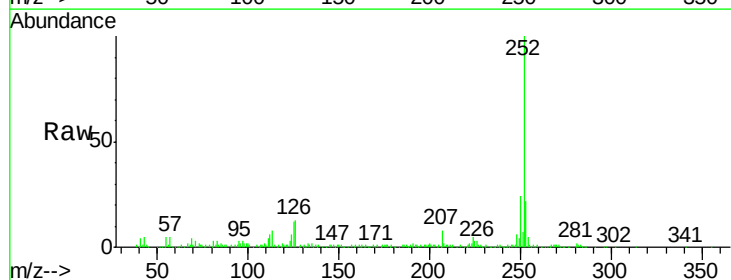
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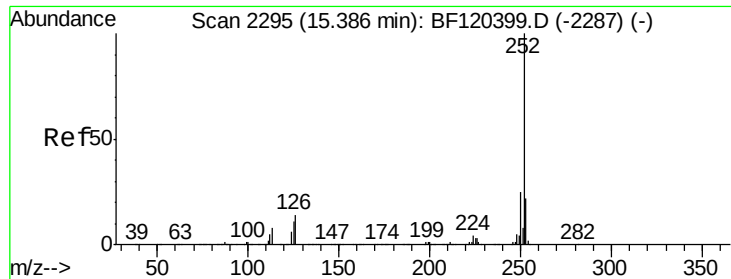
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#88
 Benzo(b)fluoranthene
 Concen: 5.328 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120507.D
 Acq: 3 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.6	7.6	11.4#





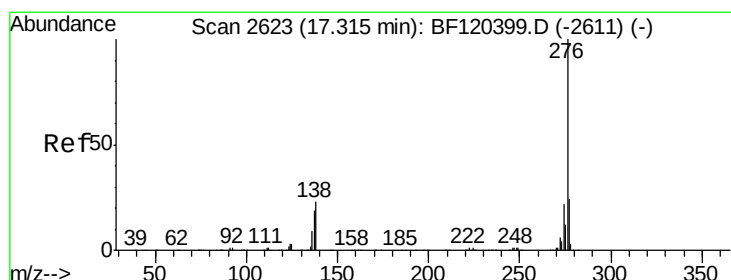
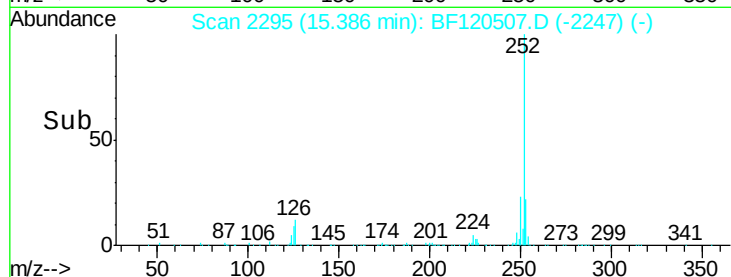
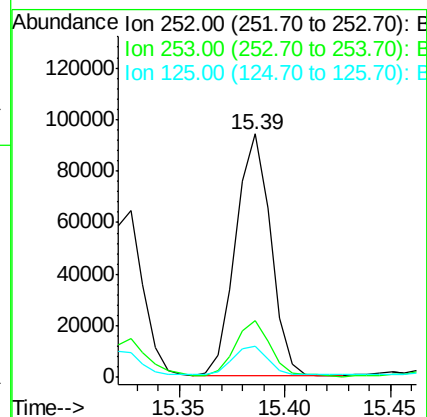
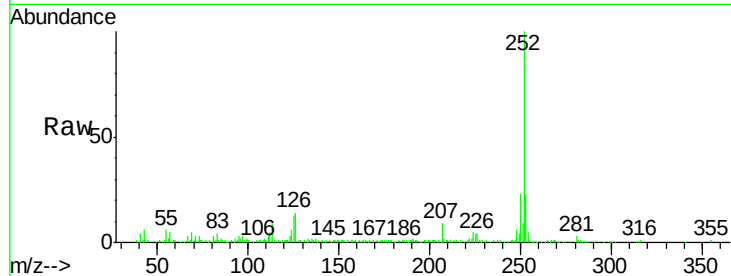
#90
Benzo(a)pyrene
Concen: 4.150 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.6	9.2	13.8

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#92
Benzo(g,h,i)perylene
Concen: 3.148 ng
RT: 17.33 min Scan# 2625
Delta R.T. -0.04 min
Lab File: BF120507.D
Acq: 3 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.2
138	21.7	16.6	25.0

