

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120517.D
 Acq On : 3 Jun 2020 18:47
 Operator : JU/CG
 Sample : L2839-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM102-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 04 00:56:08 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	131628	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	480511	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	237032	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	492386	20.00	ng	0.00
76) Chrysene-d12	14.00	240	354988	20.00	ng	-0.01
86) Perylene-d12	15.45	264	296057	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	659026	95.42	ng	0.00
7) Phenol-d6	6.47	99	832128	97.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	555079	75.56	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	254392	115.83	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1074003	76.88	ng	0.00
79) Terphenyl-d14	12.95	244	1160273	72.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	204173	13.778	ng	99
71) Phenanthrene	11.38	178	161025	7.422	ng	96
75) Fluoranthene	12.57	202	260500	11.159	ng	99
78) Pyrene	12.80	202	249371	10.101	ng	97
81) Benzo(a)anthracene	13.99	228	133993	7.043	ng	100
83) Chrysene	14.02	228	128785m	6.457	ng	
87) Indeno(1,2,3-cd)pyrene	16.90	276	59691	3.686	ng	95
88) Benzo(b)fluoranthene	15.03	252	147373m	8.962	ng	
89) Benzo(k)fluoranthene	15.05	252	48000m	3.127	ng	
90) Benzo(a)pyrene	15.39	252	87979	6.117	ng	97
92) Benzo(g,h,i)perylene	17.33	276	57355	4.405	ng	100

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

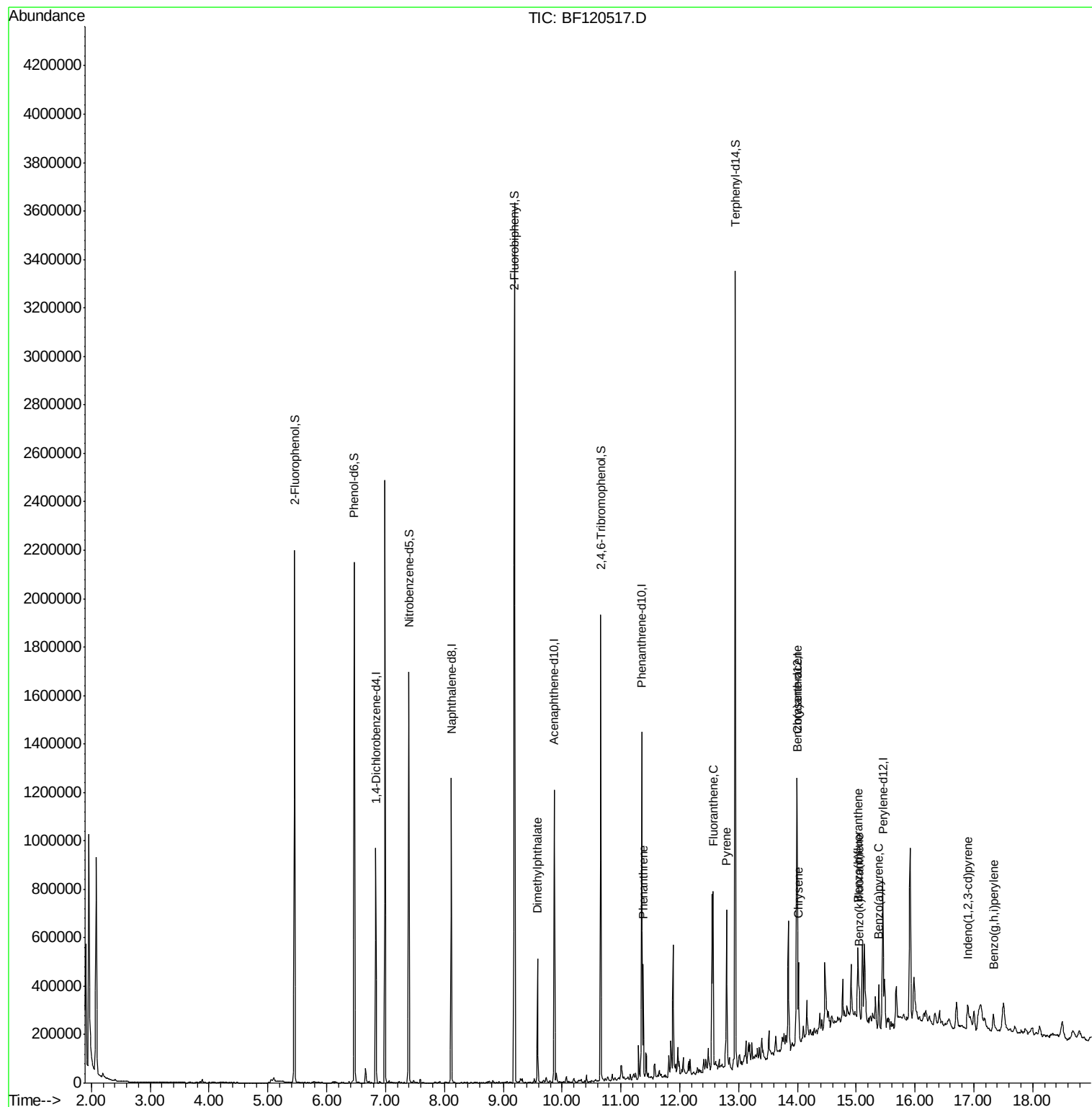
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120517.D
Acq On : 3 Jun 2020 18:47
Operator : JU/CG
Sample : L2839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

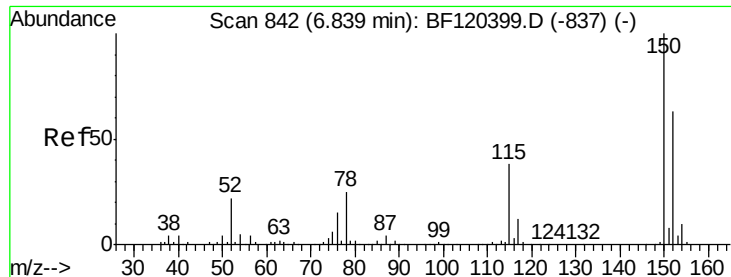
Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

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Quant Time: Jun 04 00:56:08 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





#1

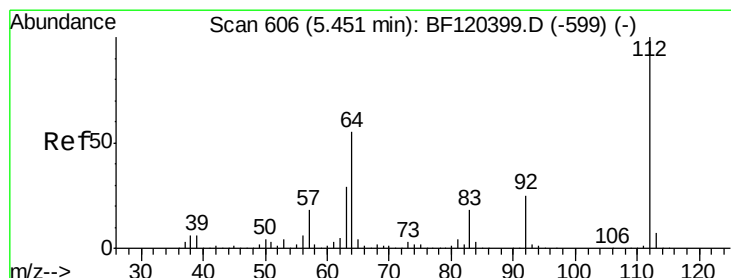
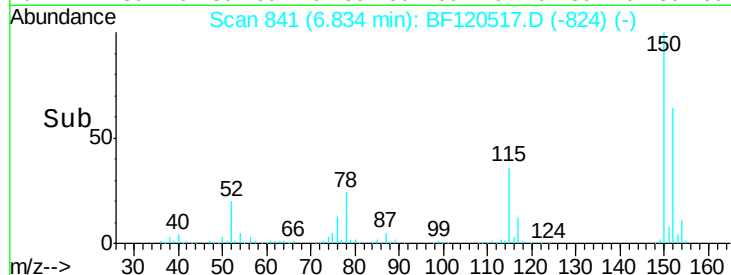
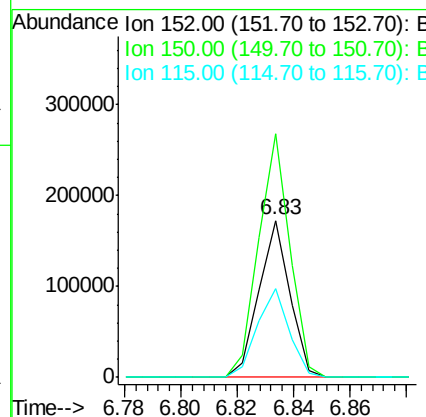
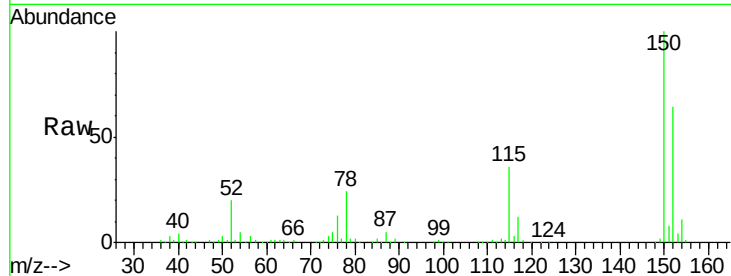
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.1	190.7
115	56.7	48.7	73.1

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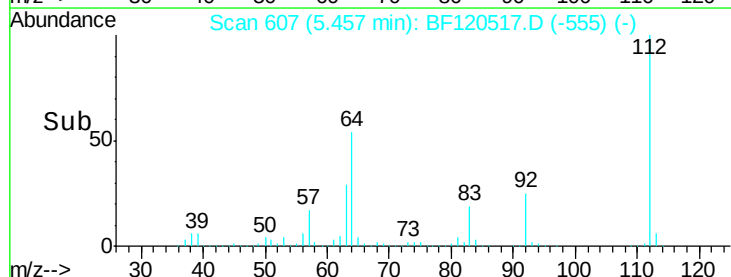
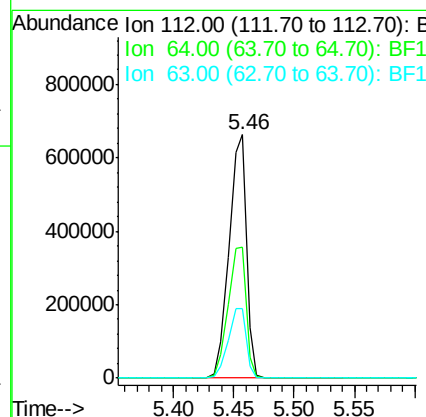
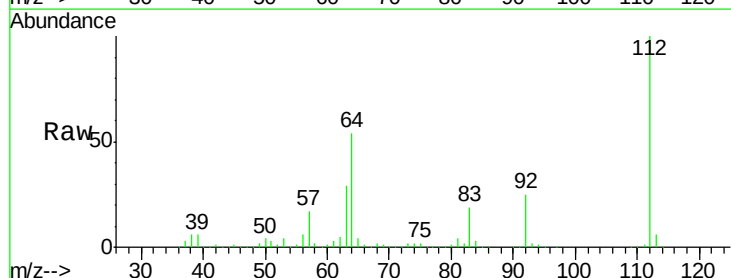
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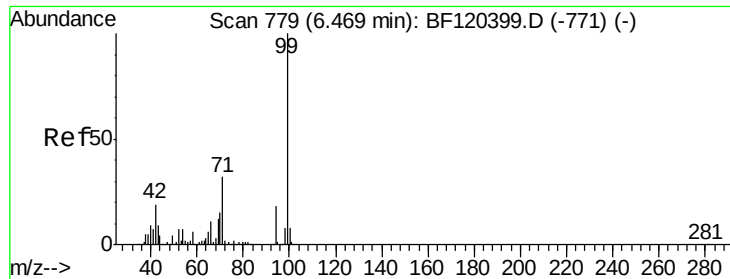


#5

2-Fluorophenol
Concen: 95.416 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.8	68.8
63	28.5	23.7	35.5





#7

Phenol-d6

Concen: 97.745 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120517.D

Acq: 3 Jun 2020 18:47

Instrument :

BNA_F

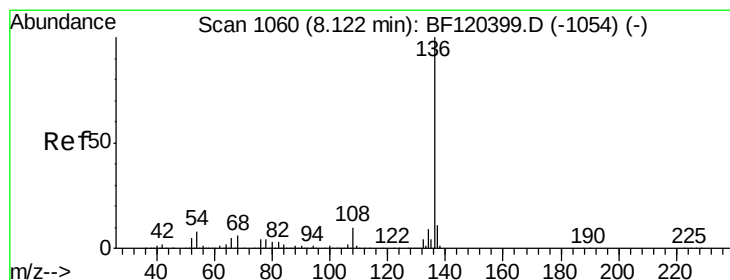
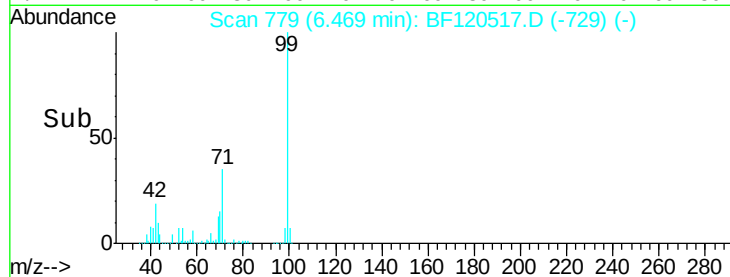
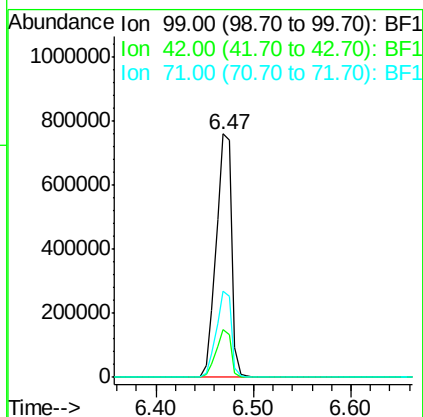
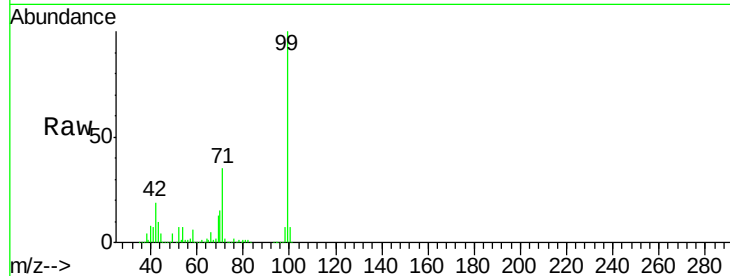
ClientSampleId :

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Tot Ion:	99	Resp:	832128
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.0	22.4
71	35.3	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

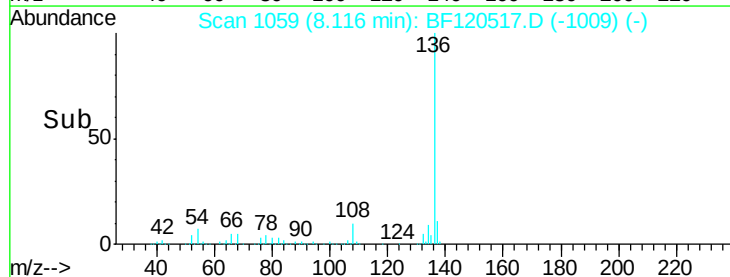
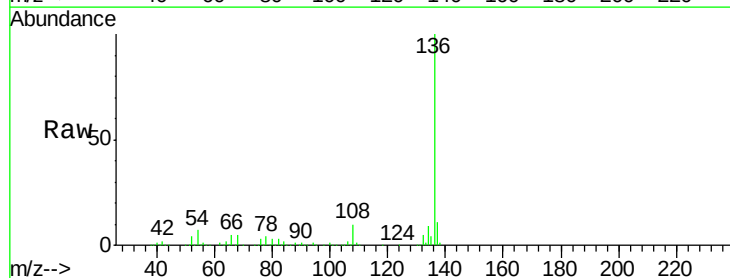
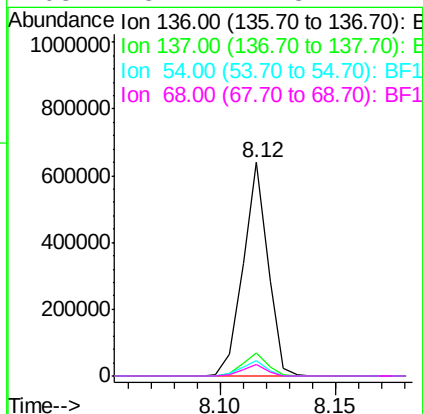
RT: 8.12 min Scan# 1059

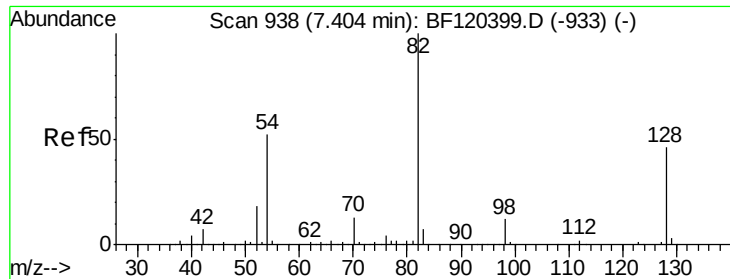
Delta R.T. -0.01 min

Lab File: BF120517.D

Acq: 3 Jun 2020 18:47

Tgt Ion:	136	Resp:	480511
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	7.1	6.0	9.0
68	5.2	4.8	7.2





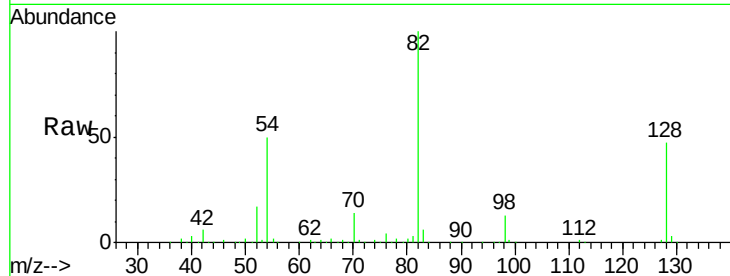
#23
Nitrobenzene-d5
Concen: 75.564 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

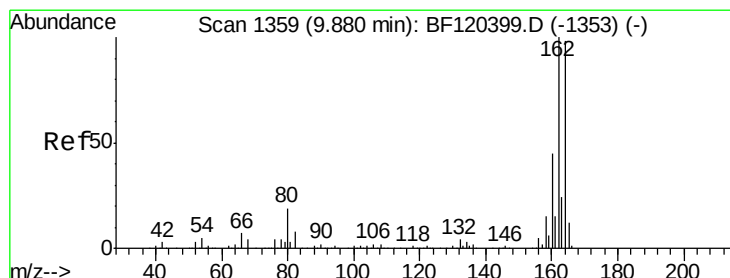
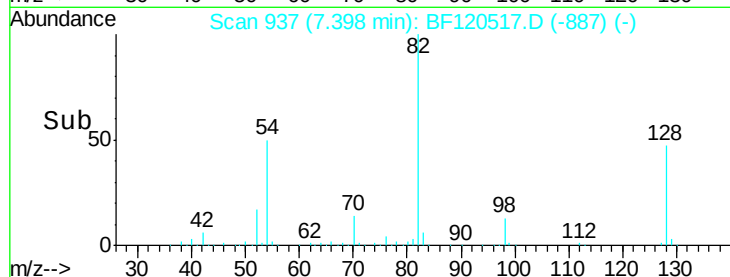
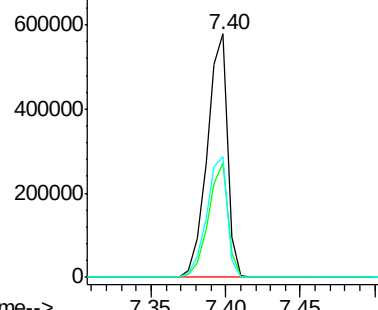
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	37.4	56.0	
54	49.8	40.7	61.1	

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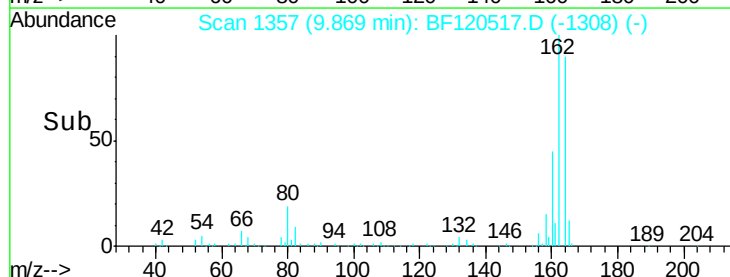
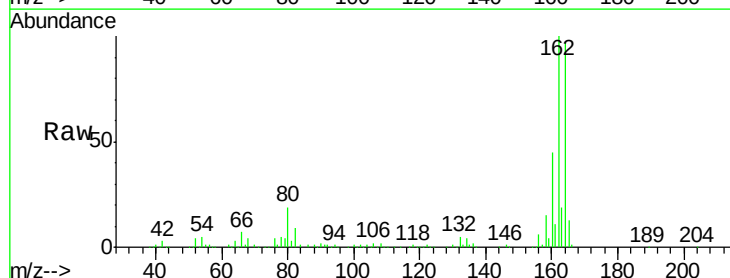
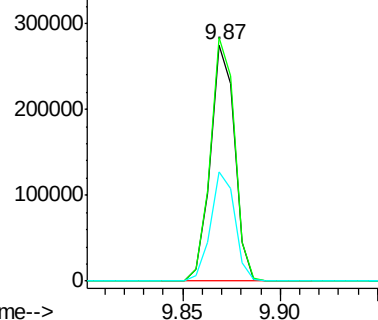
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

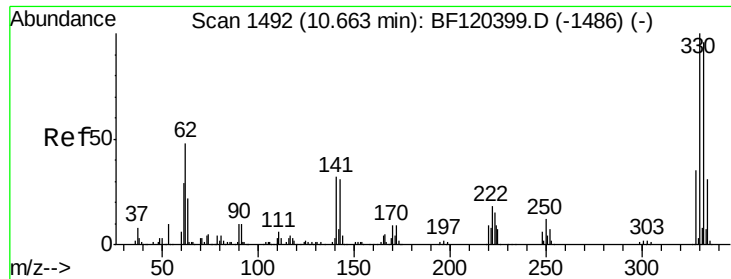


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	81.8	122.6	
160	46.2	37.3	55.9	

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





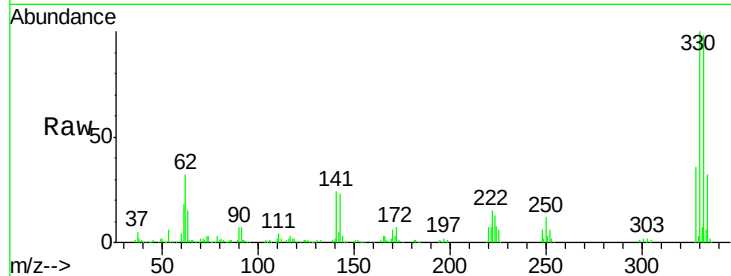
#42
 2,4,6-Tribromophenol
 Concen: 115.832 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120517.D
 Acq: 3 Jun 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 NM102-COMP-2020-0-6

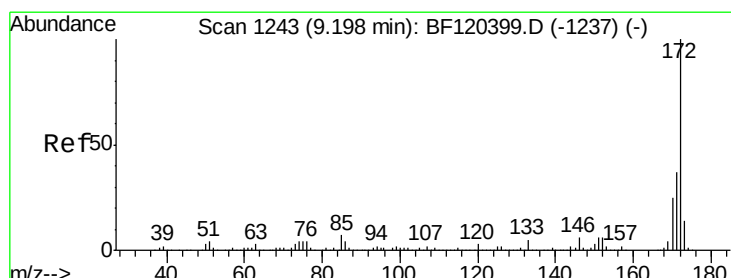
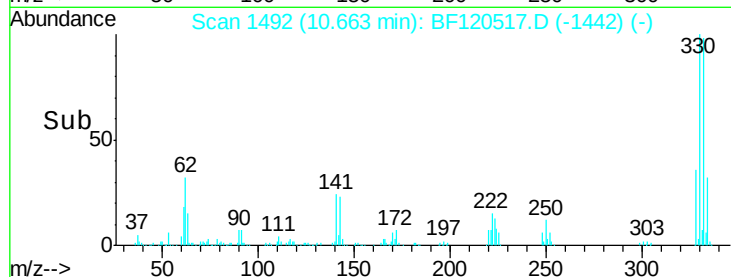
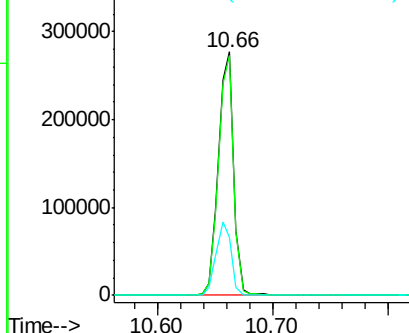
Tot Ion	Ratio	Resp	Lower	Upper
330	100	254392		
332	97.8	77.4	116.2	
141	29.8	23.5	35.3	

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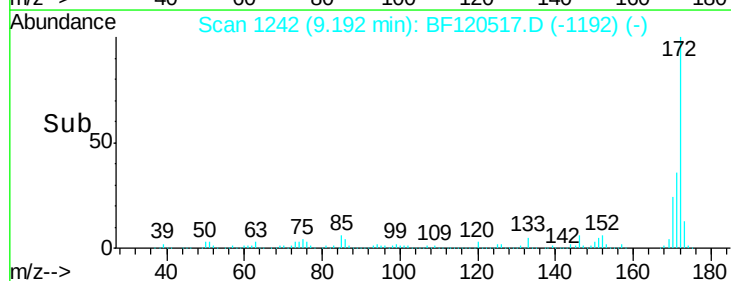
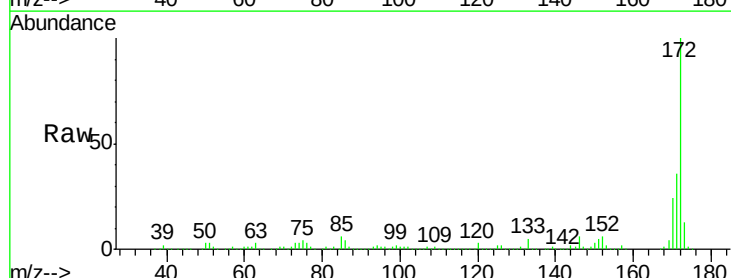
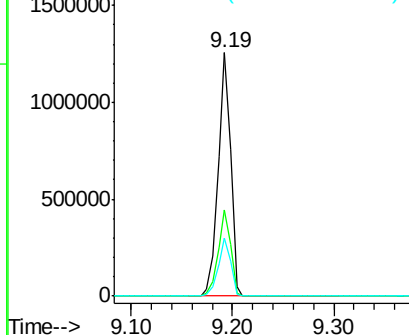
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

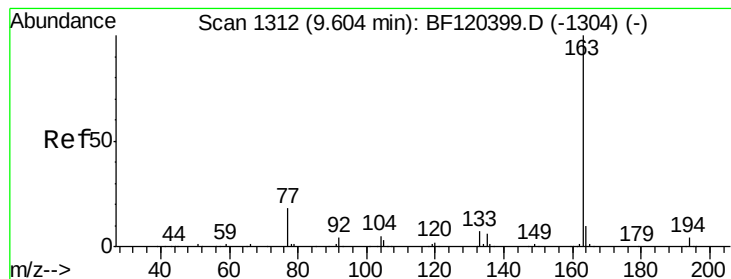


#45
 2-Fluorobiphenyl
 Concen: 76.878 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120517.D
 Acq: 3 Jun 2020 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1074003		
171	35.5	29.2	43.8	
170	23.6	20.1	30.1	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.778 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120517.D

Acq: 3 Jun 2020 18:47

Instrument :

BNA_F

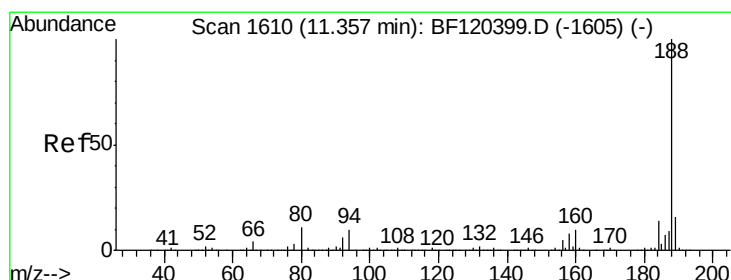
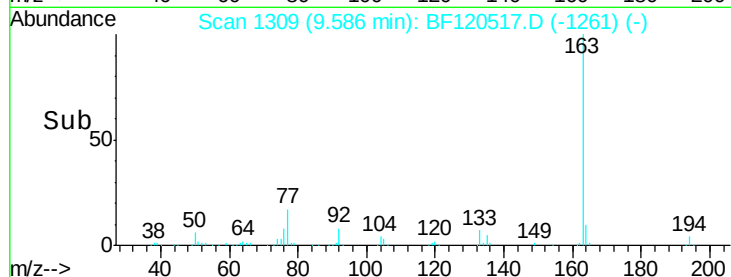
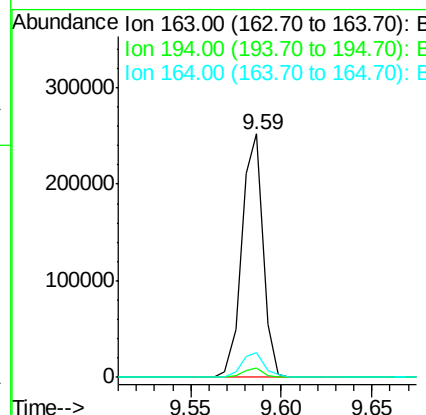
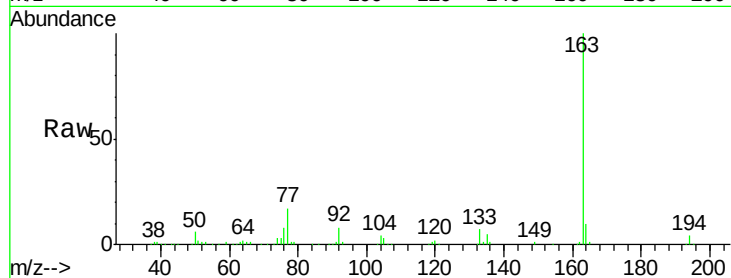
ClientSampleId :

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Tot Ion:	163	Resp:	204173
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.0	8.2	12.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

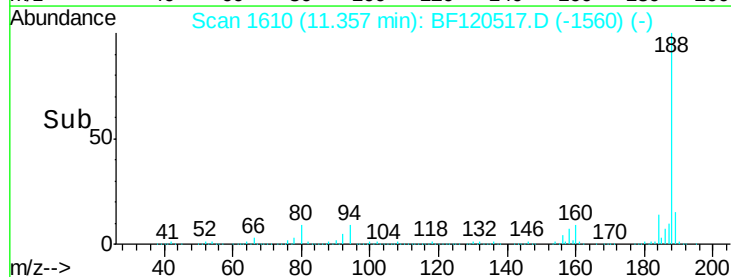
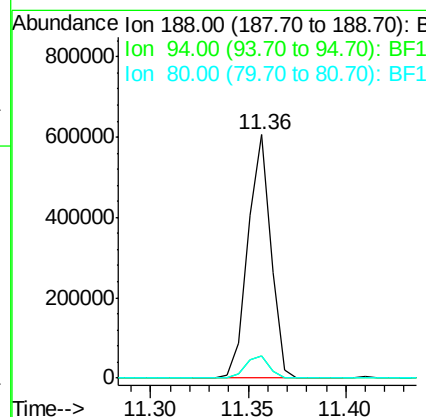
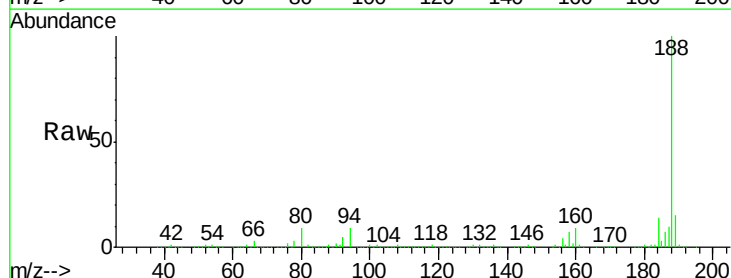
RT: 11.36 min Scan# 1610

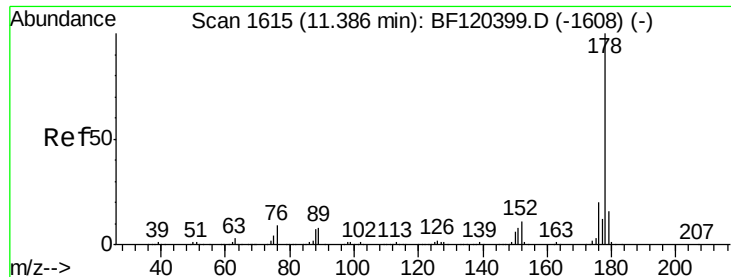
Delta R.T. -0.01 min

Lab File: BF120517.D

Acq: 3 Jun 2020 18:47

Tgt Ion:	188	Resp:	492386
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.5	11.3
80	9.2	7.9	11.9





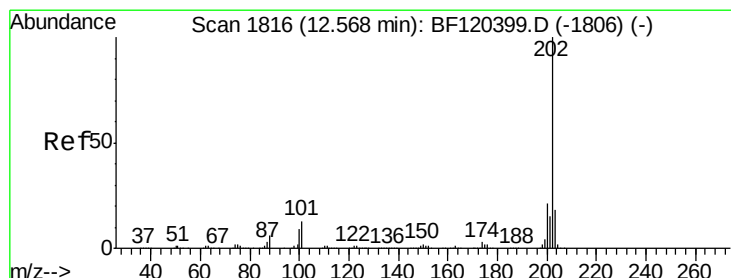
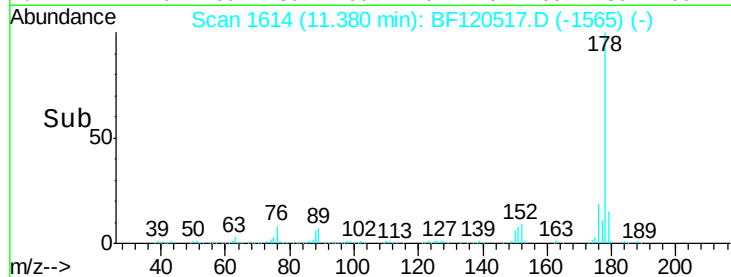
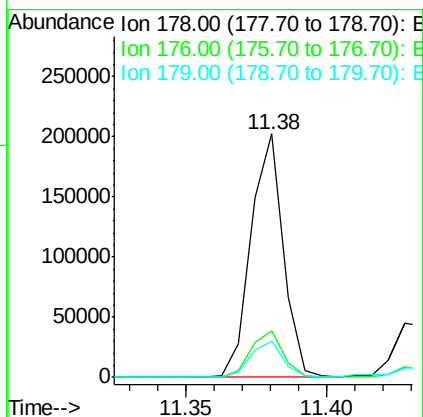
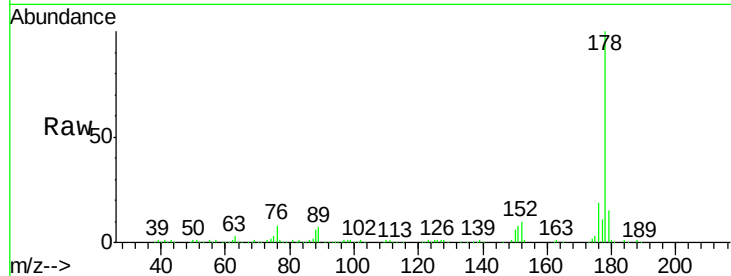
#71
Phenanthrene
Concen: 7.422 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	24.8
179	14.8	13.0	19.4

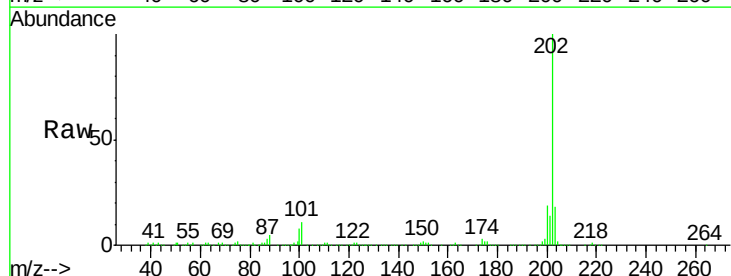
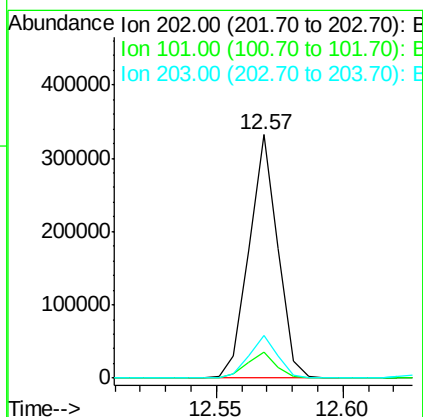
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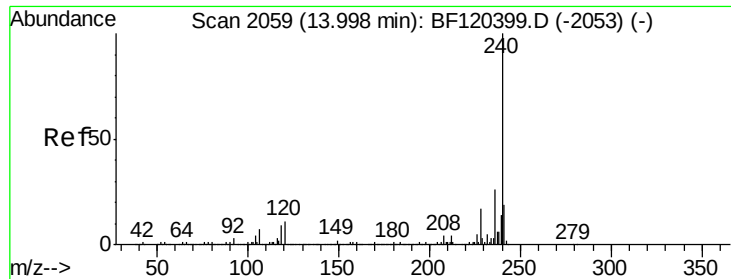
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#75
Fluoranthene
Concen: 11.159 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.4
203	17.7	0.0	38.2





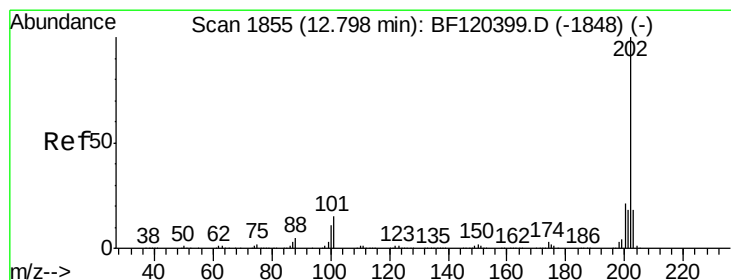
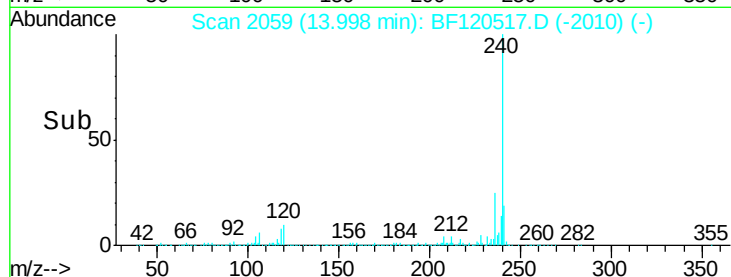
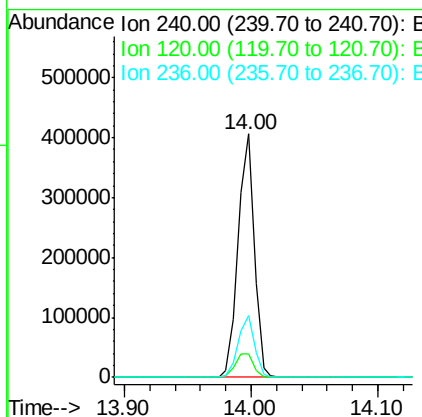
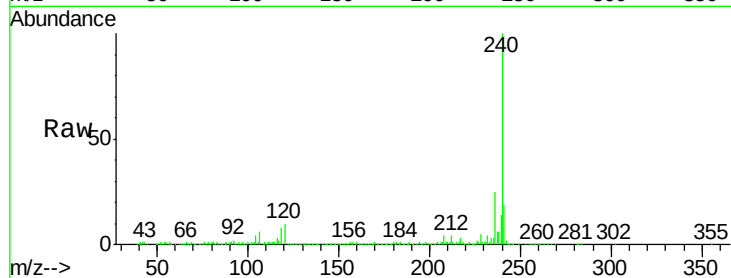
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.9	11.9
236	25.4	21.1	31.7

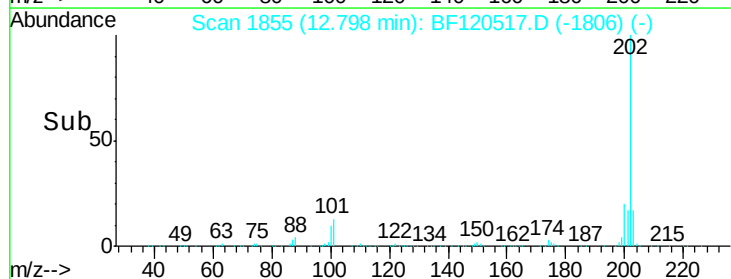
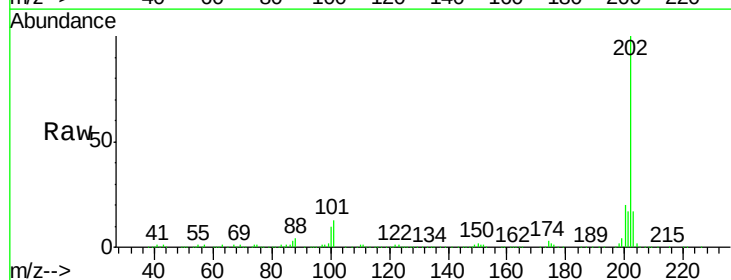
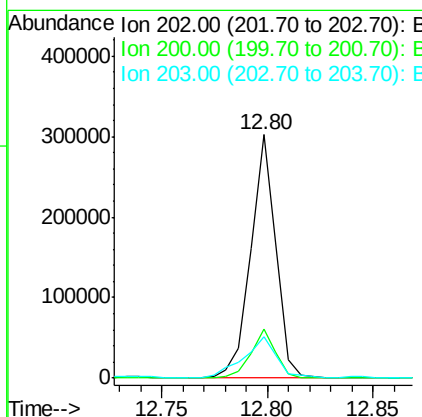
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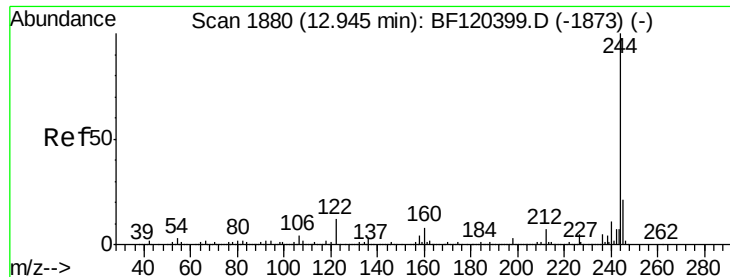
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#78
Pyrene
Concen: 10.101 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.3	25.9
203	17.2	14.5	21.7





#79

Terphenyl-d14

Concen: 72.732 ng

RT: 12.95 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF120517.D

Acq: 3 Jun 2020 18:47

Instrument :

BNA_F

ClientSampleId :

NM102-COMP-2020-0-6

Tot Ion:244 Resp: 1160273

Ion Ratio Lower Upper

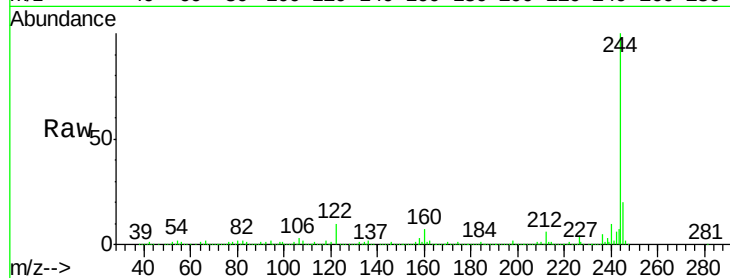
244 100

212 6.5 5.8 8.8

122 10.4 8.2 12.4

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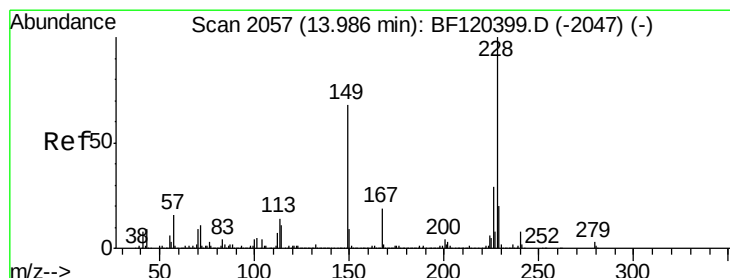
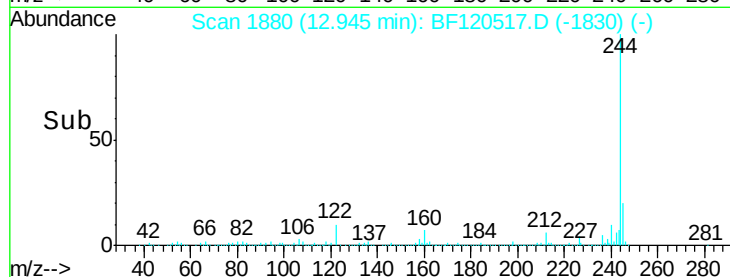
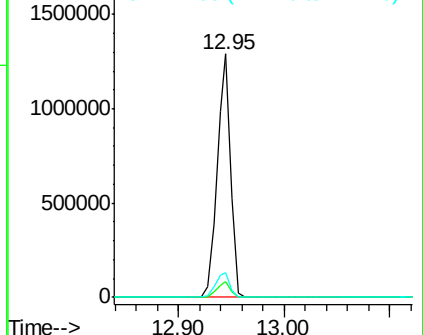
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 7.043 ng

RT: 13.99 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF120517.D

Acq: 3 Jun 2020 18:47

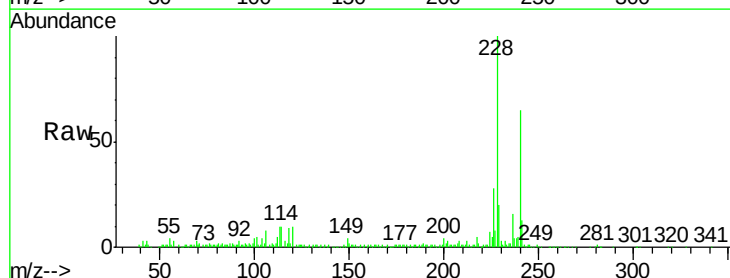
Tgt Ion:228 Resp: 133993

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

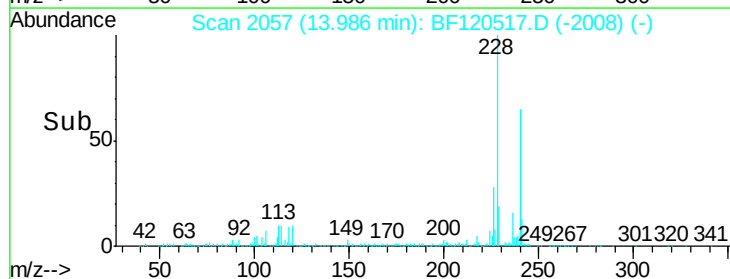
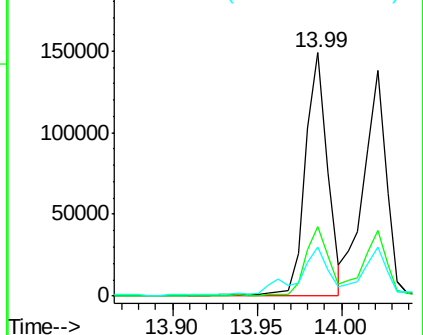
229 20.1 16.3 24.5

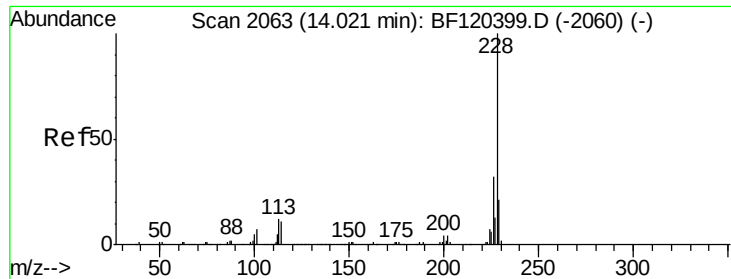


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





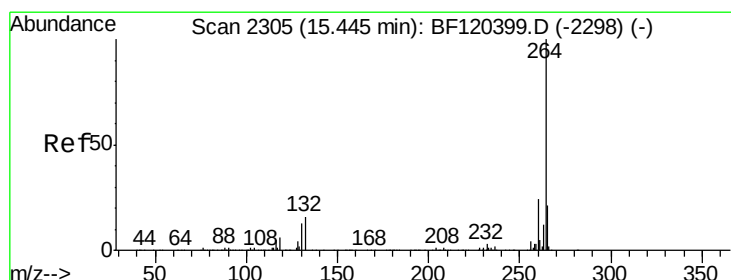
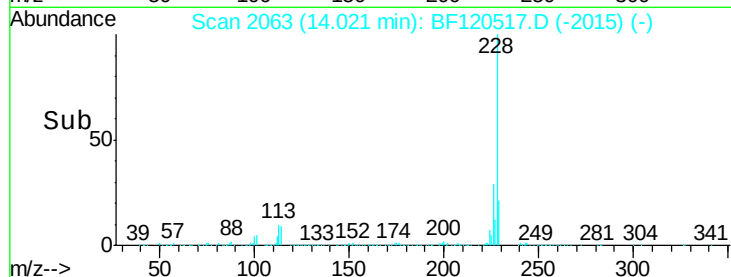
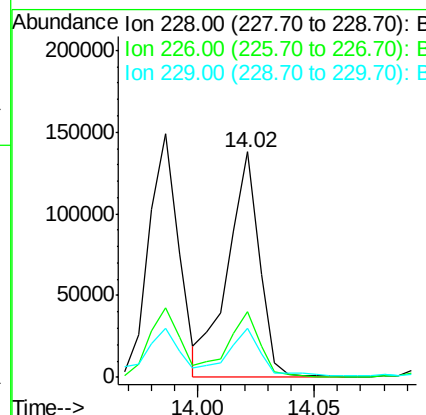
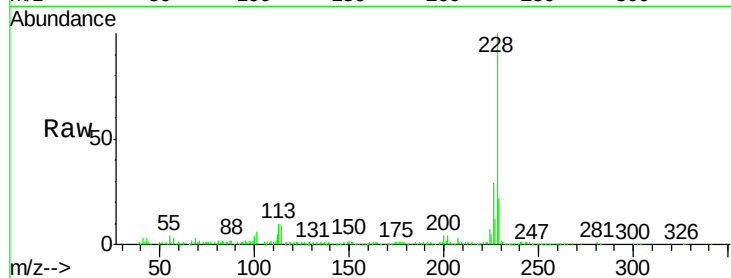
#83
Chrysene
Concen: 6.457 ng/mL
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

Tot Ion:	228	Resp:	128785
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.2	37.8
229	22.0	16.1	24.1

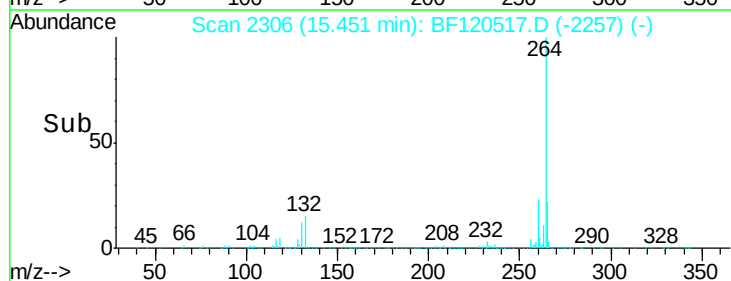
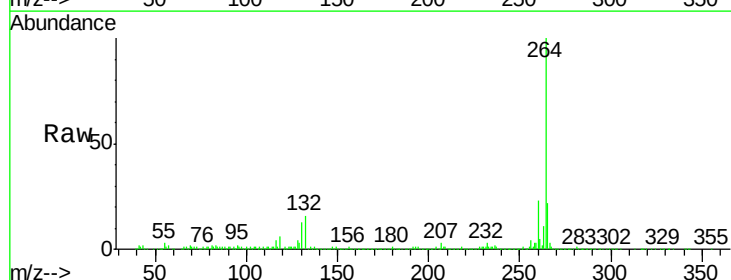
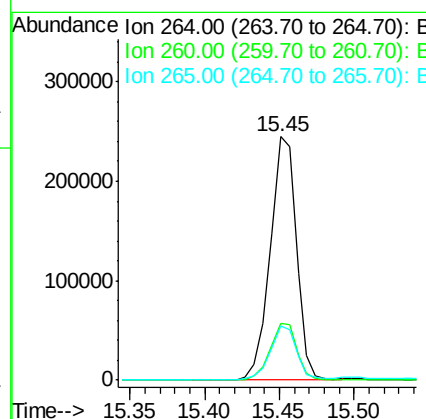
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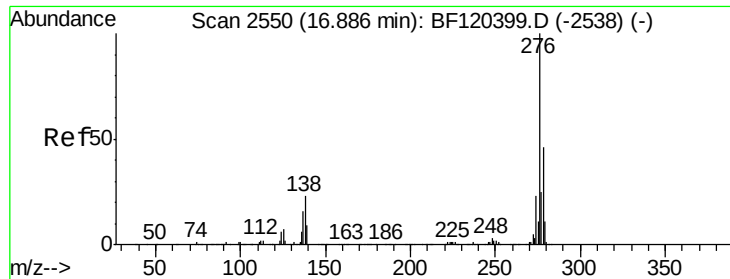
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120517.D
Acq: 3 Jun 2020 18:47

Tgt Ion:	264	Resp:	296057
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.8	29.8
265	22.0	17.5	26.3





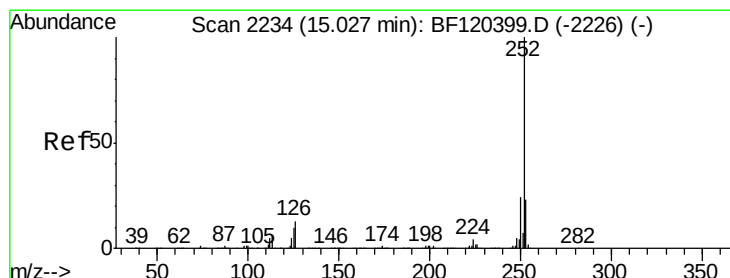
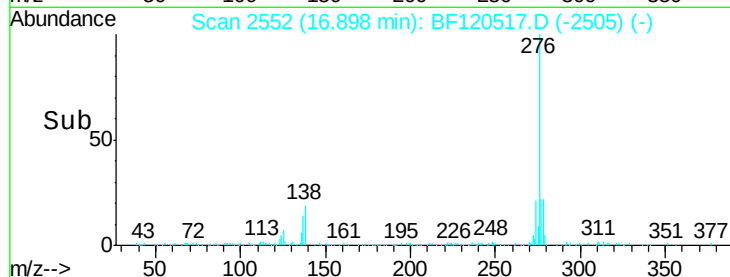
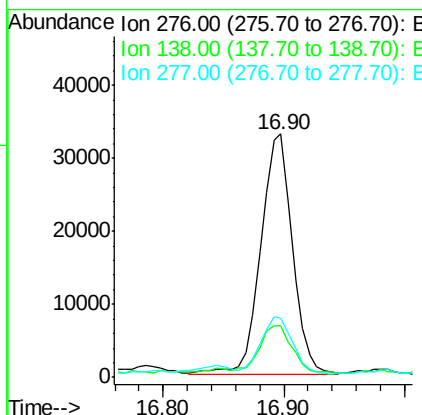
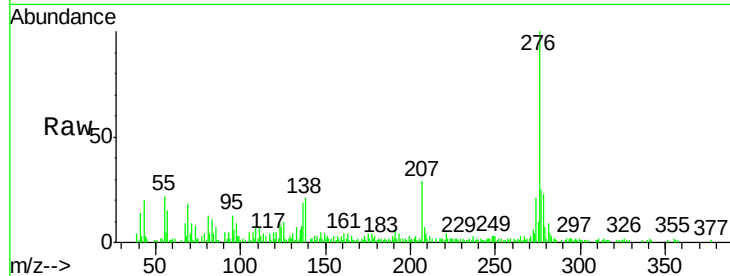
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.686 ng
 RT: 16.90 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BF120517.D
 Acq: 3 Jun 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 NM102-COMP-2020-0-6

Tot Ion:	276	Resp:	59691
Ion Ratio	Lower	Upper	
276	100		
138	20.4	19.2	28.8
277	24.3	20.4	30.6

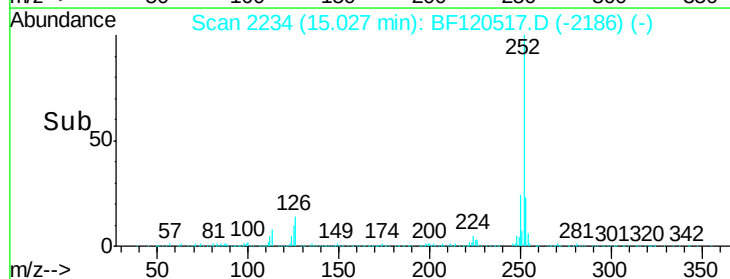
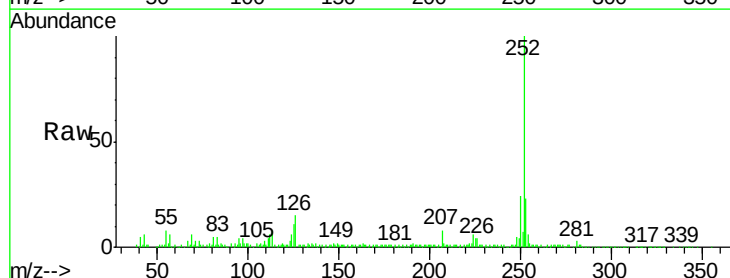
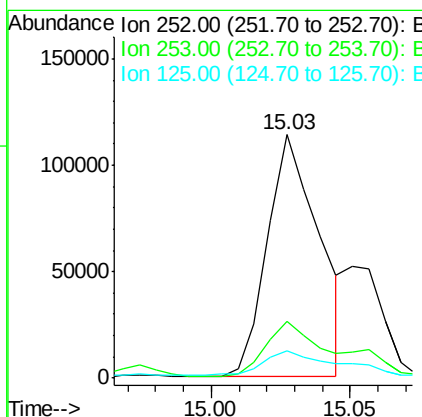
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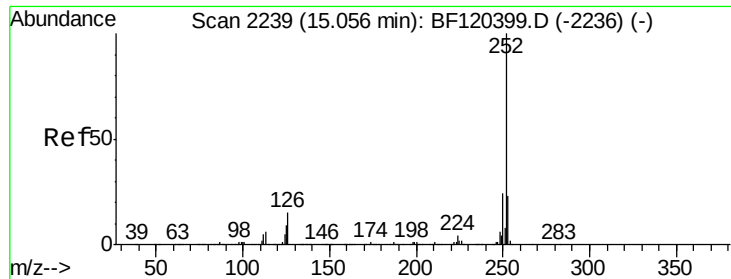
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 8.962 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120517.D
 Acq: 3 Jun 2020 18:47

Tgt Ion:	252	Resp:	147373
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.2
125	11.0	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 3.127 ng

RT: 15.05 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF120517.D

Acq: 3 Jun 2020 18:47

Instrument :

BNA_F

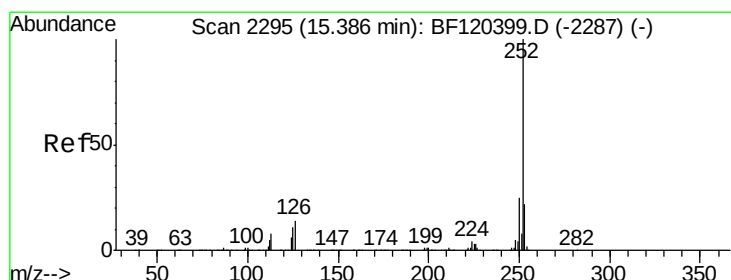
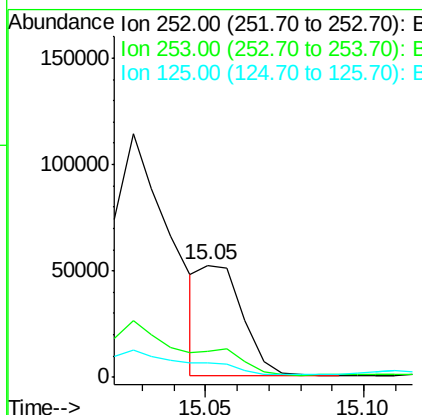
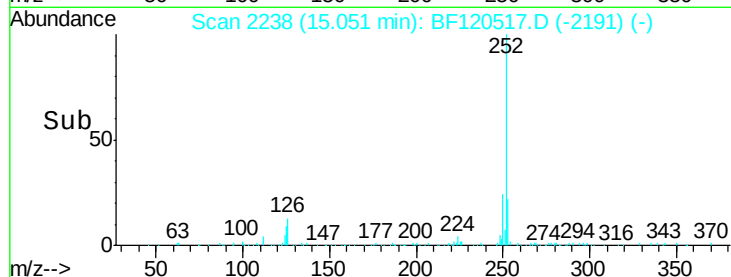
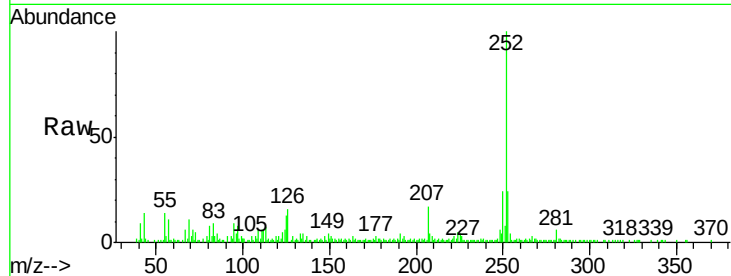
ClientSampleId :

NM102-COMP-2020-0-6

Tot Ion:	252	Resp:	48000
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	13.0	7.5	11.3#

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#90

Benzo(a)pyrene

Concen: 6.117 ng

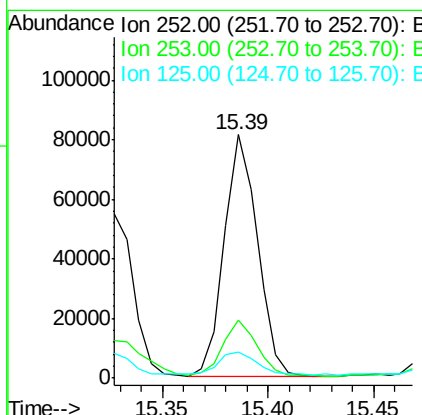
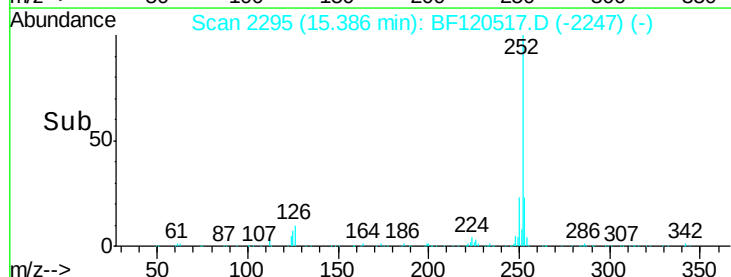
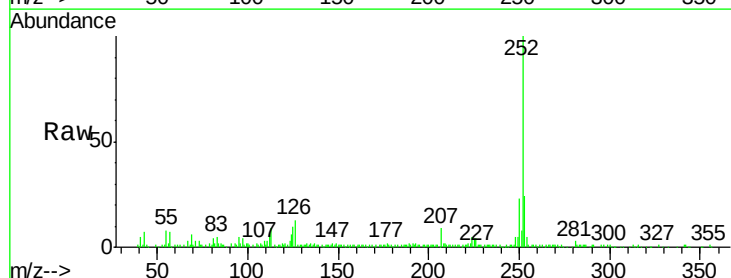
RT: 15.39 min Scan# 2295

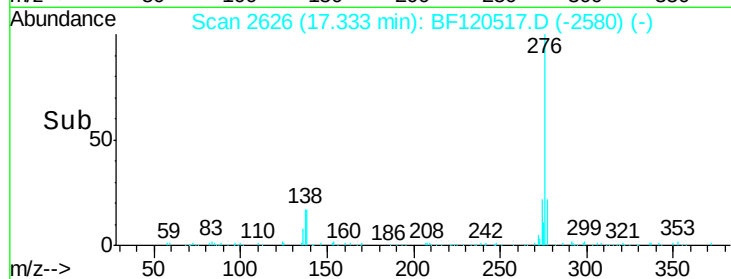
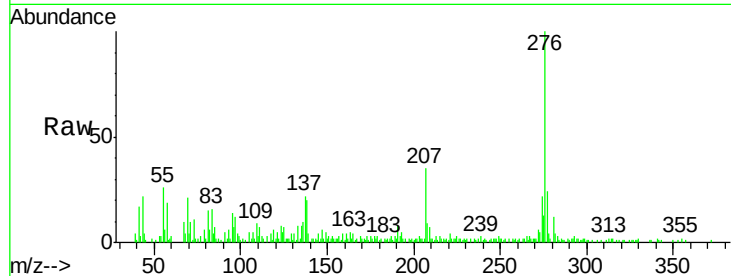
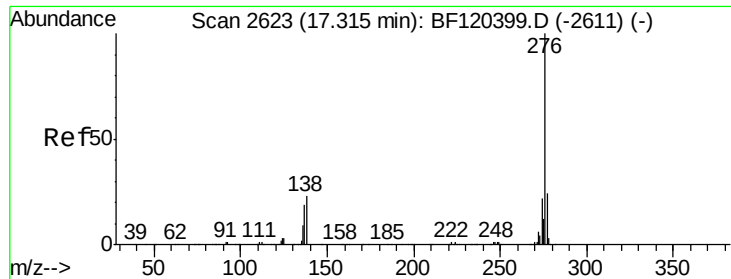
Delta R.T. -0.02 min

Lab File: BF120517.D

Acq: 3 Jun 2020 18:47

Tgt Ion:	252	Resp:	87979
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	10.5	9.2	13.8





#92
 Benzo(a,h,i)perylene
 Concen: 4.405 ng
 RT: 17.33 min Scan# 2626
 Delta R.T. -0.03 min
 Lab File: BF120517.D
 Acq: 3 Jun 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.2
138	20.5	16.6	25.0

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