

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120512.D
 Acq On : 3 Jun 2020 16:30
 Operator : JU/CG
 Sample : L2839-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 03 17:17:59 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	221738	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	833733	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	409900	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	692162	20.00	ng	0.00
76) Chrysene-d12	14.00	240	464008	20.00	ng	-0.01
86) Perylene-d12	15.45	264	381289	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	840279	72.22	ng	0.00
7) Phenol-d6	6.47	99	1227961	85.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	803675	63.05	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	335941	88.45	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1359307	56.27	ng	0.00
79) Terphenyl-d14	12.94	244	1302866	62.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	317209	12.378	ng	99
71) Phenanthrene	11.38	178	80975	2.655	ng	97
75) Fluoranthene	12.57	202	175427	5.346	ng	98
78) Pyrene	12.80	202	167121	5.179	ng	97
81) Benzo(a)anthracene	13.99	228	88288	3.550	ng	96
83) Chrysene	14.02	228	86354m	3.312	ng	
87) Indeno(1,2,3-cd)pyrene	16.89	276	50236	2.409	ng	96
88) Benzo(b)fluoranthene	15.03	252	94805m	4.477	ng	
90) Benzo(a)pyrene	15.39	252	66196	3.573	ng	97
92) Benzo(g,h,i)perylene	17.33	276	48454	2.889	ng	96

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

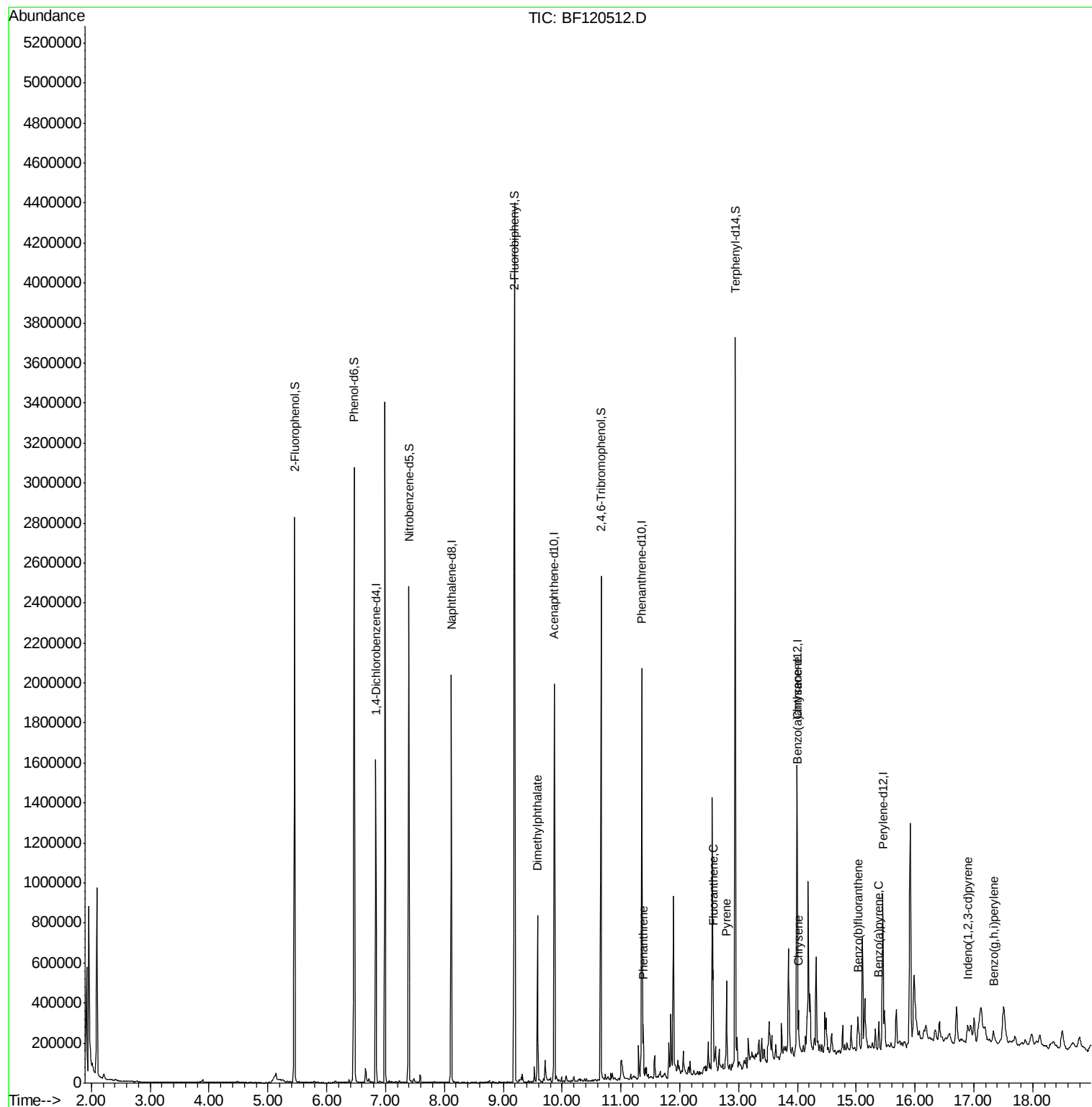
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120512.D
Acq On : 3 Jun 2020 16:30
Operator : JU/CG
Sample : L2839-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

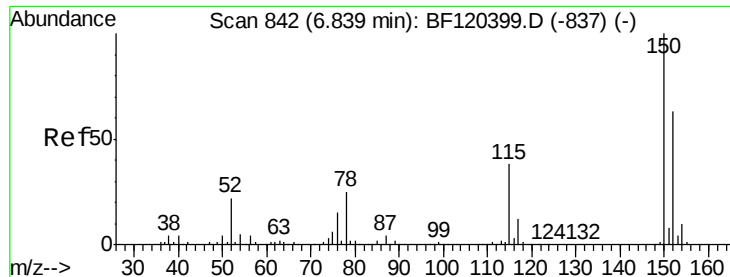
Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

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

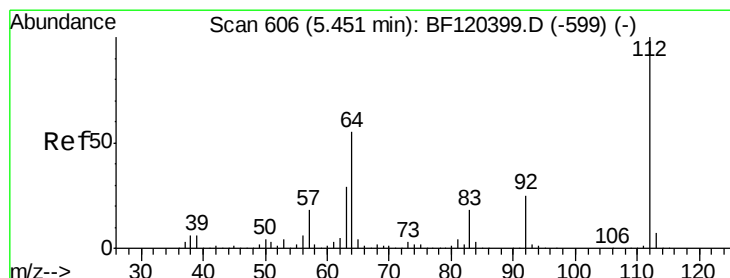
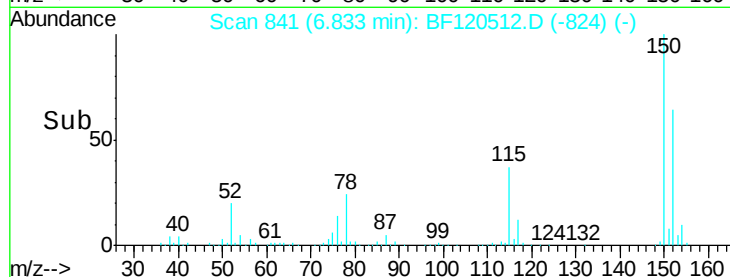
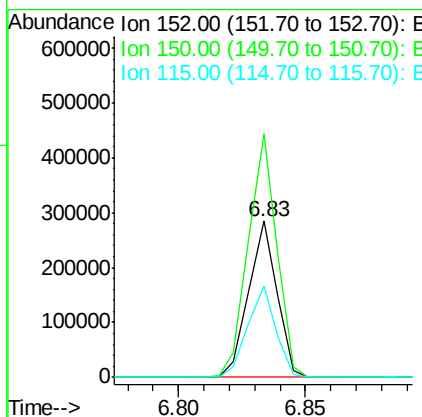
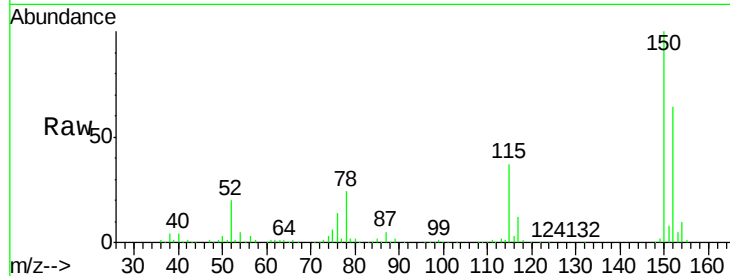
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.1	190.7
115	58.1	48.7	73.1

Manual Integrations
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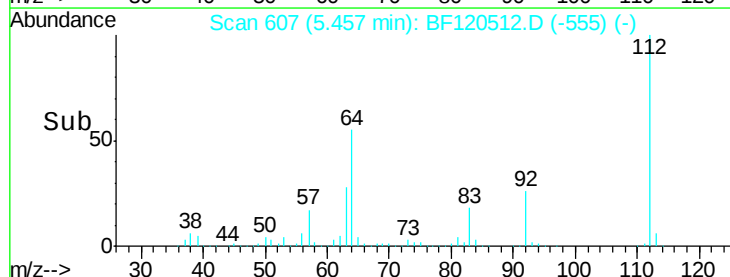
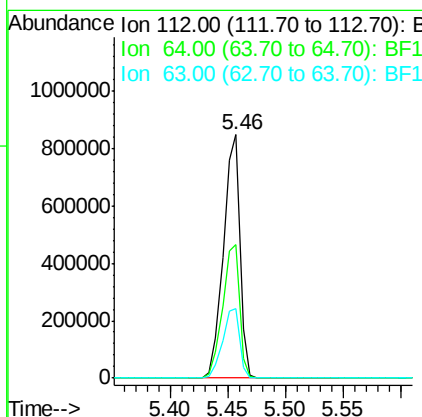
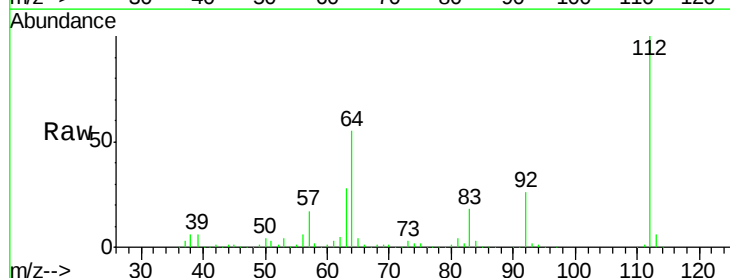
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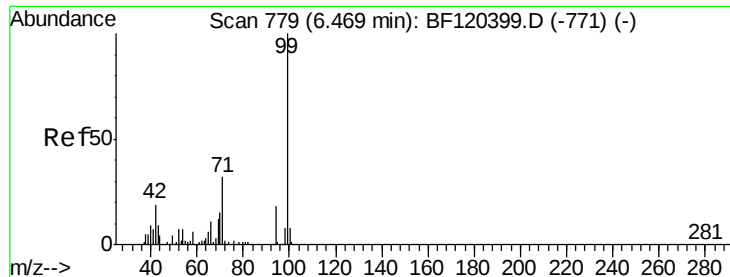


#5

2-Fluorophenol
Concen: 72.219 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.8	68.8
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 85.624 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120512.D

Acq: 3 Jun 2020 16:30

Instrument :

BNA_F

ClientSampleId :

NM104-COMP-2020-0-6

Tot Ion: 99 Resp: 1227961

Ion Ratio Lower Upper

99 100

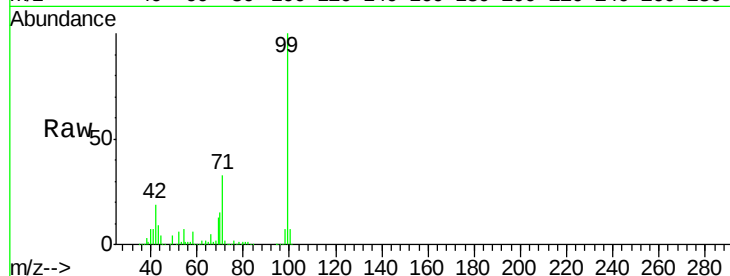
42 18.8 15.0 22.4

71 33.5 26.3 39.5

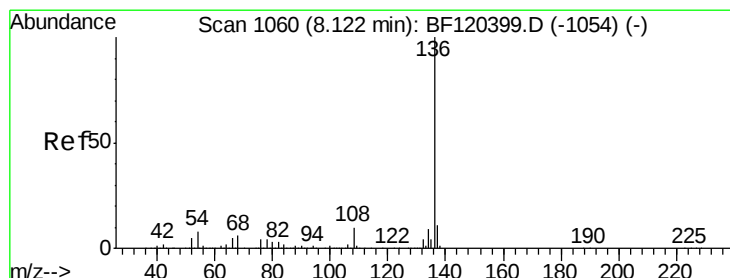
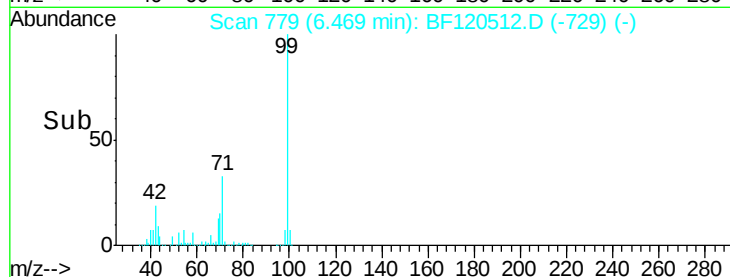
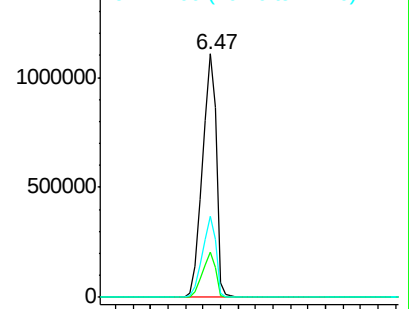
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120512.D

Acq: 3 Jun 2020 16:30

Tgt Ion: 136 Resp: 833733

Ion Ratio Lower Upper

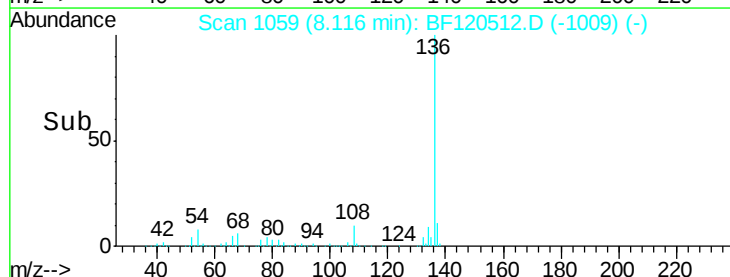
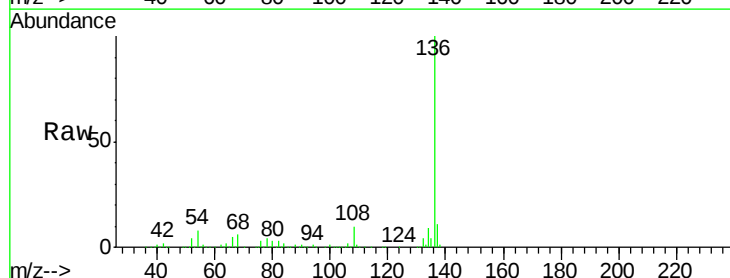
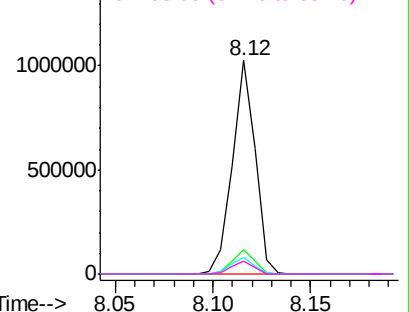
136 100

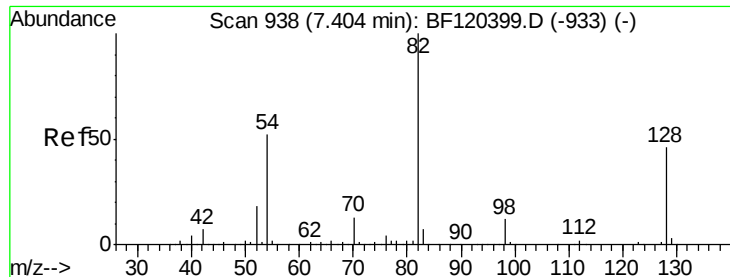
137 11.3 9.0 13.4

54 7.6 6.0 9.0

68 6.1 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





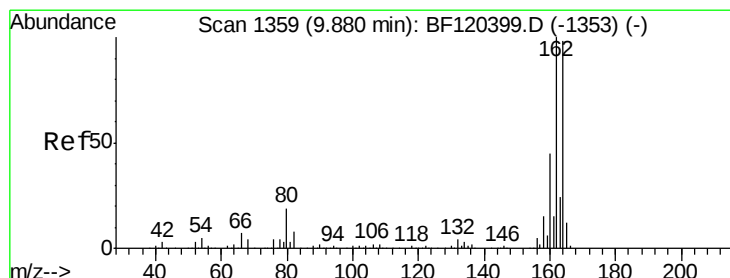
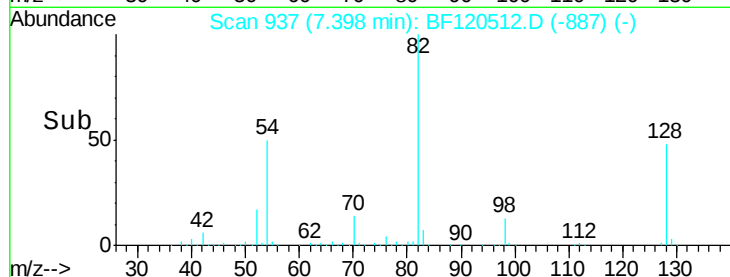
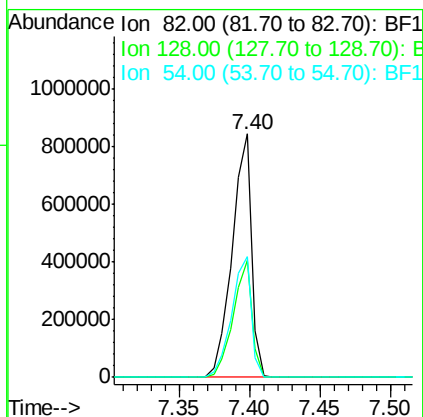
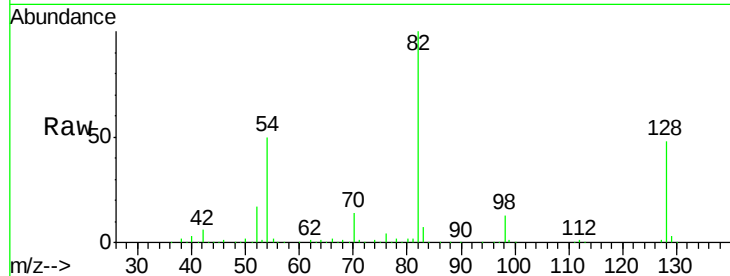
#23
Nitrobenzene-d5
Concen: 63.055 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion	82	Resp	803675
Ion Ratio	Lower	Upper	
82	100		
128	48.3	37.4	56.0
54	49.7	40.7	61.1

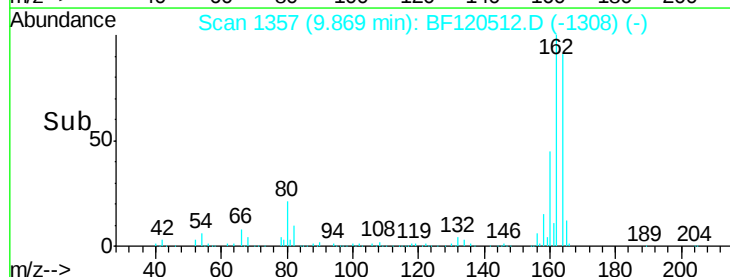
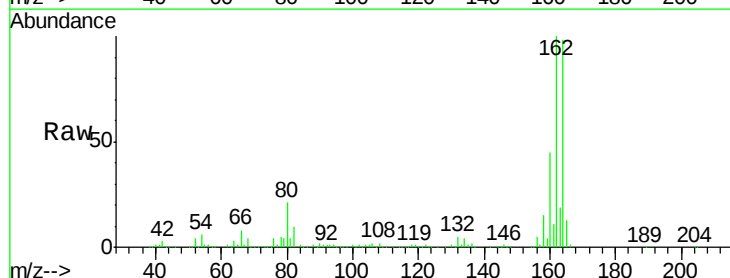
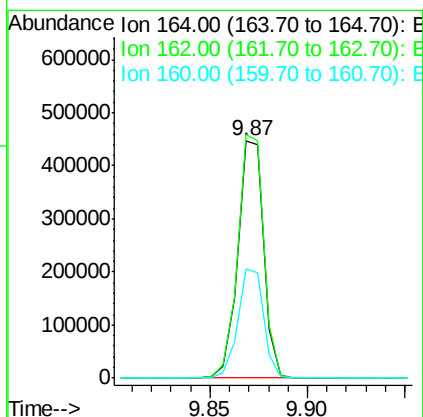
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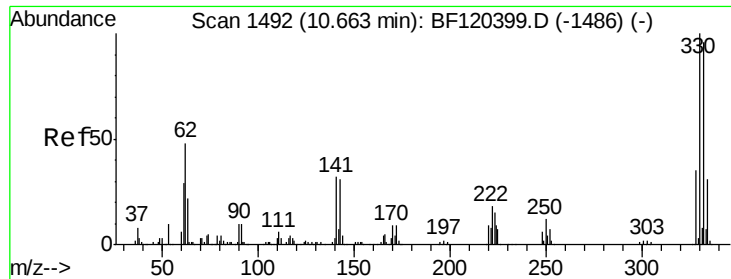
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Tgt Ion	164	Resp	409900
Ion Ratio	Lower	Upper	
164	100		
162	102.6	81.8	122.6
160	45.9	37.3	55.9





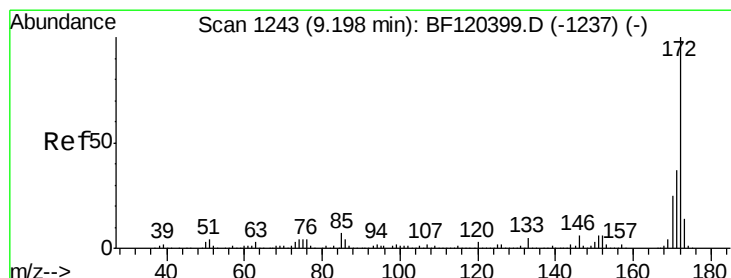
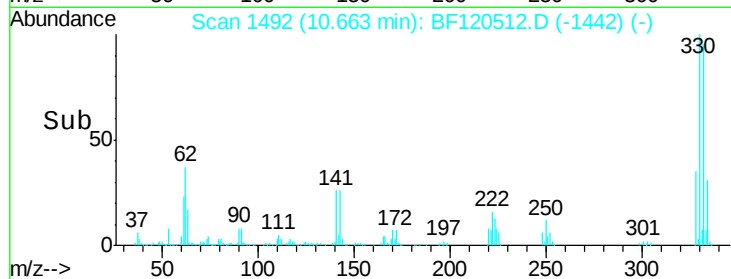
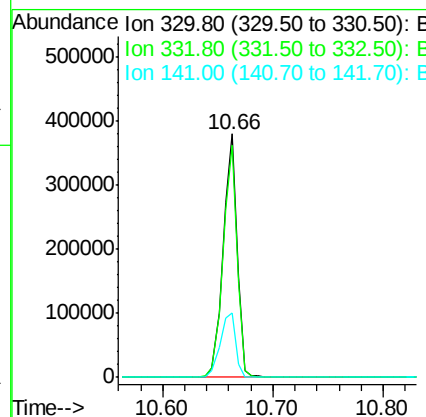
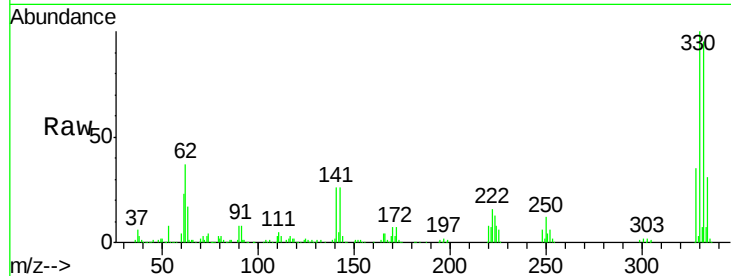
#42
 2,4,6-Tribromophenol
 Concen: 88.454 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120512.D
 Acq: 3 Jun 2020 16:30

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	335941		
332	95.8	77.4	116.2	
141	29.0	23.5	35.3	

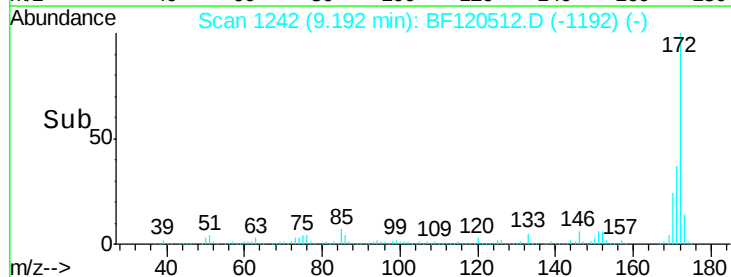
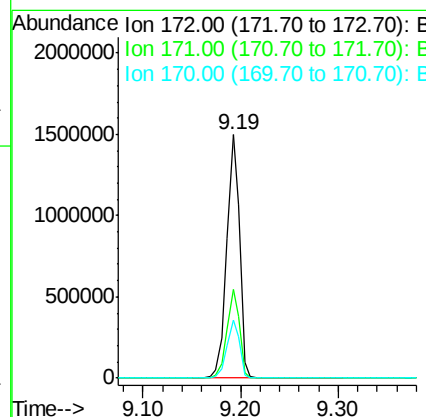
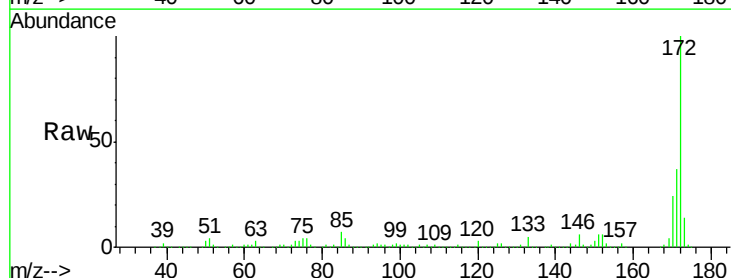
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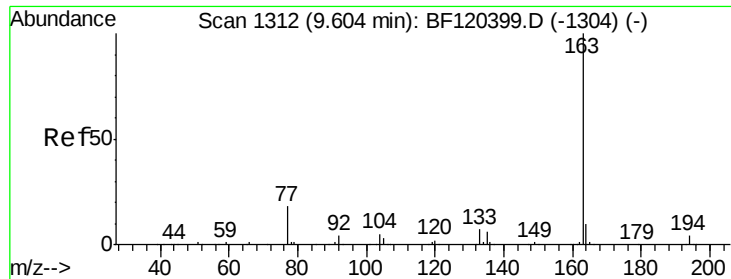
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#45
 2-Fluorobiphenyl
 Concen: 56.266 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120512.D
 Acq: 3 Jun 2020 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1359307		
171	36.6	29.2	43.8	
170	24.0	20.1	30.1	





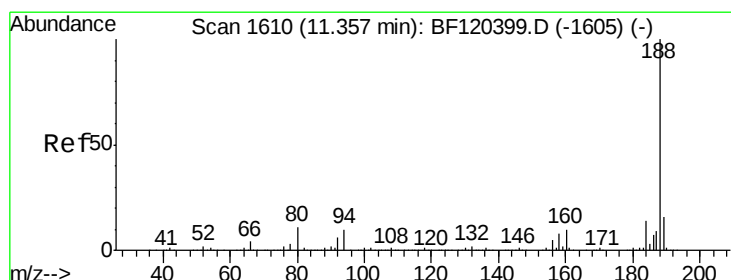
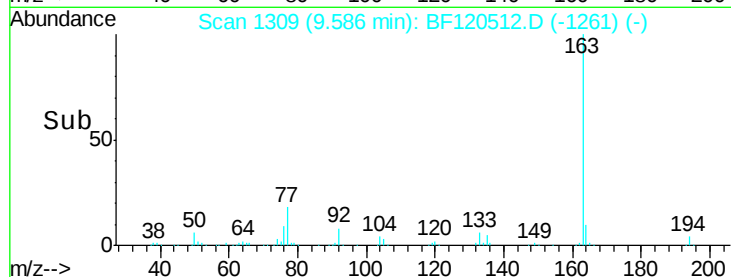
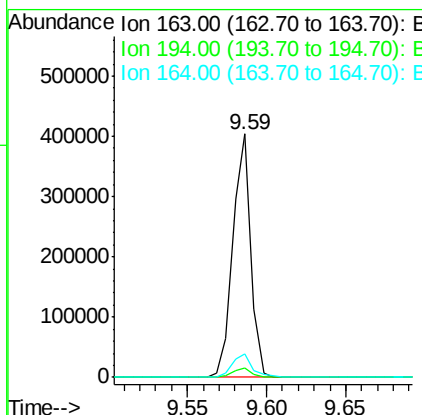
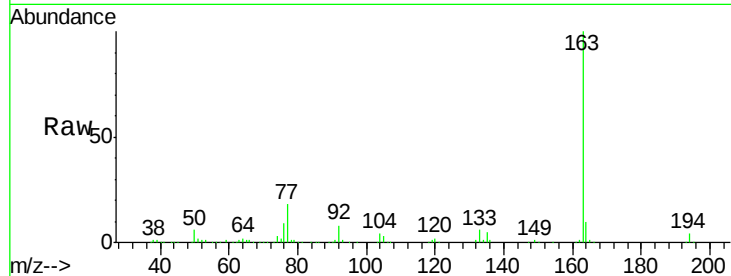
#50
Dimethylphthalate
Concen: 12.378 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.7		3.1	4.7	
164	9.9		8.2	12.4	

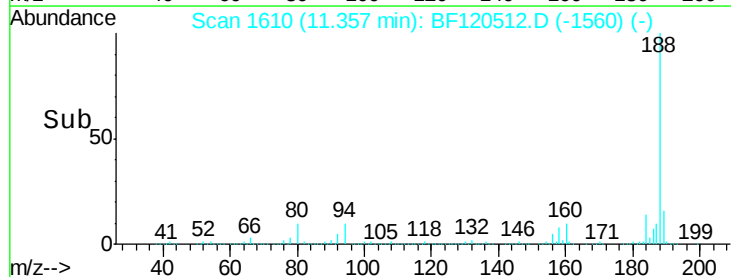
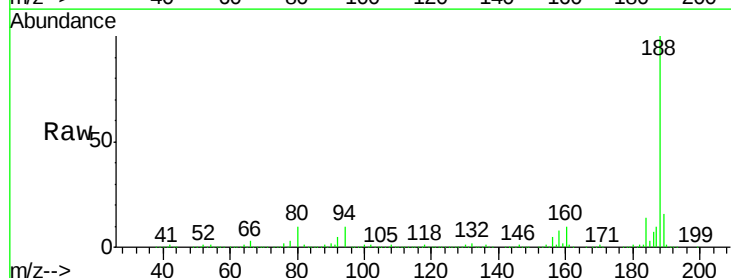
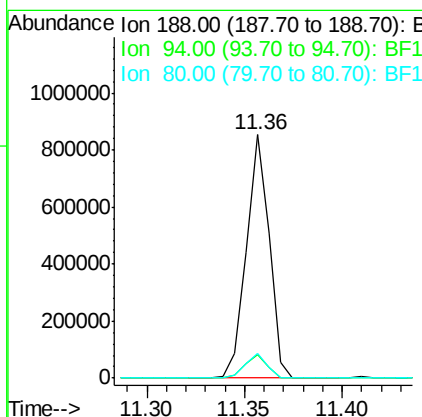
Manual Integrations
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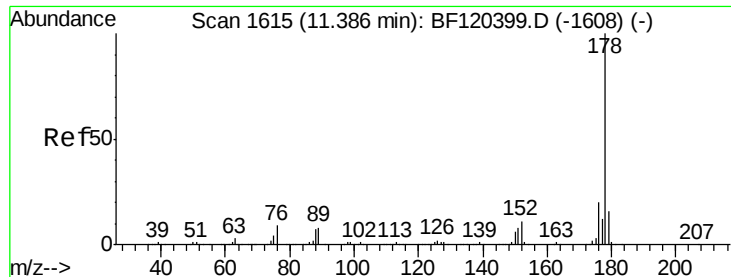
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.5		7.5	11.3	
80	9.9		7.9	11.9	





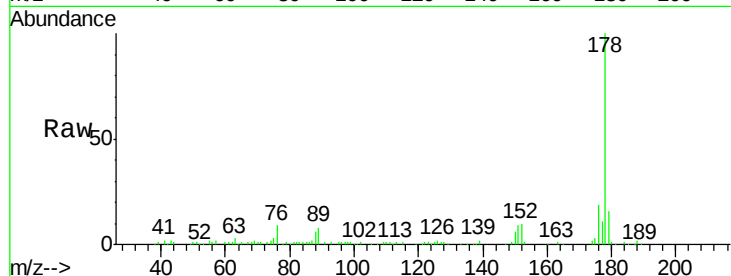
#71
Phenanthrene
Concen: 2.655 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

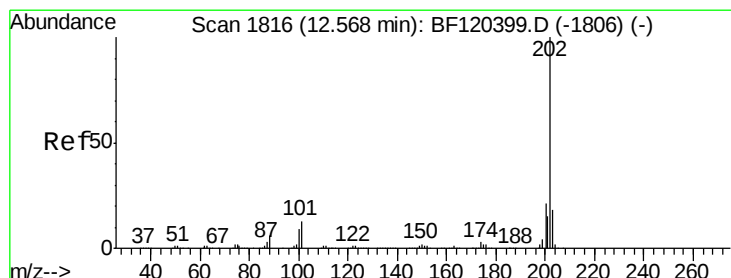
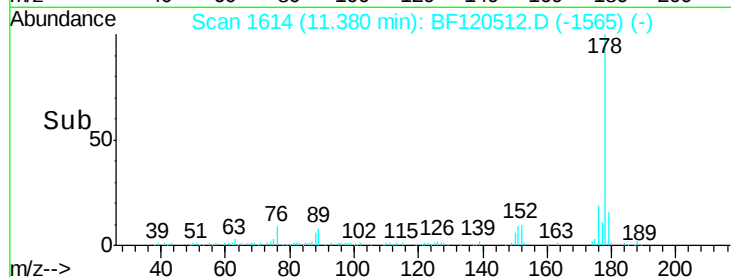
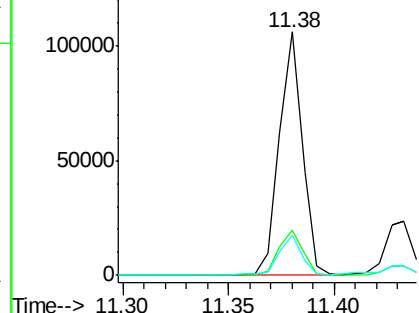
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	24.8
179	16.4	13.0	19.4

Manual Integrations
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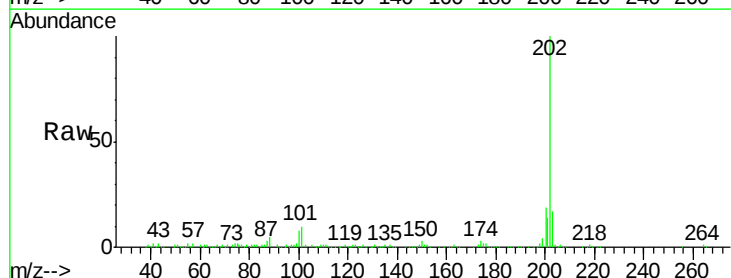


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

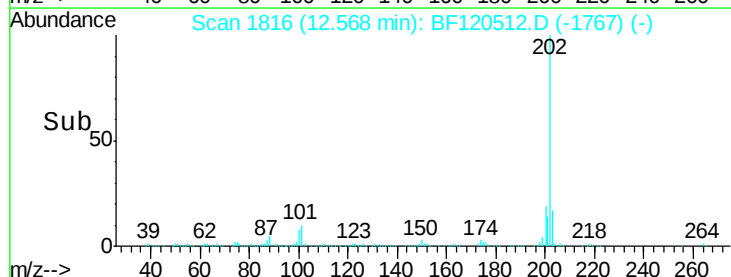
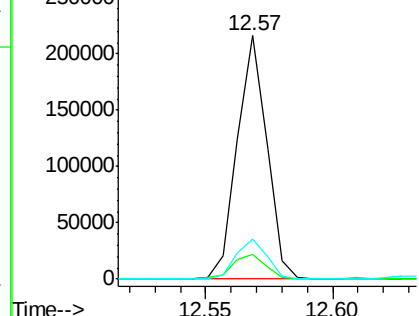


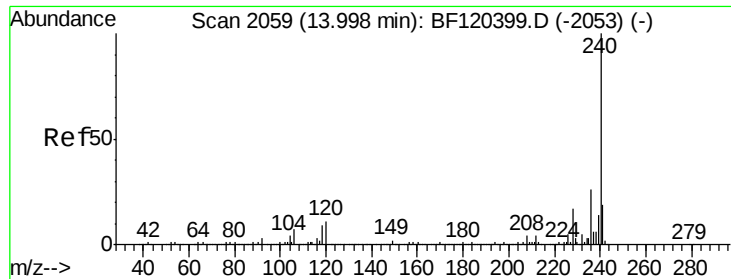
#75
Fluoranthene
Concen: 5.346 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	16.7	0.0	38.2



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





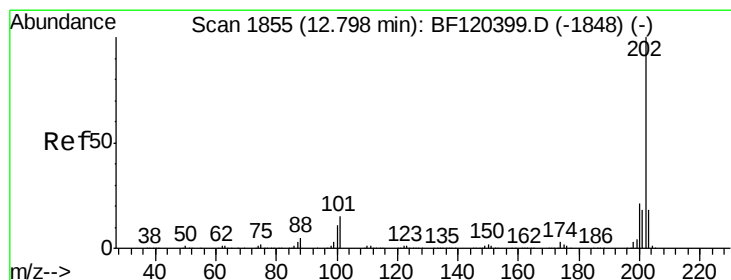
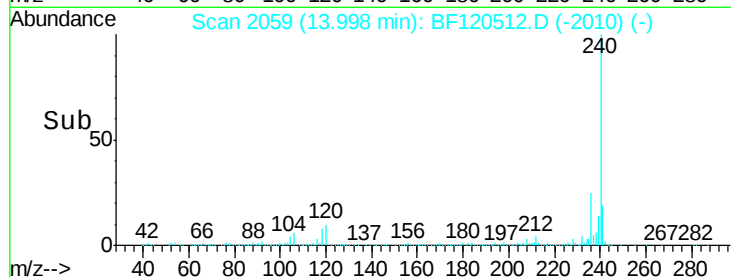
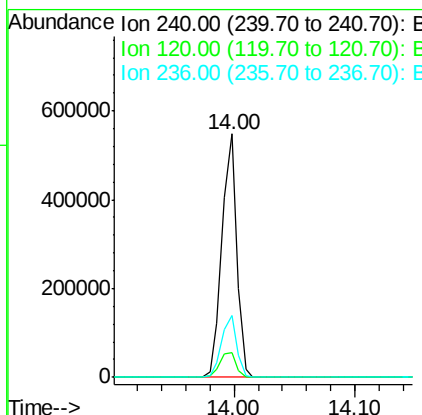
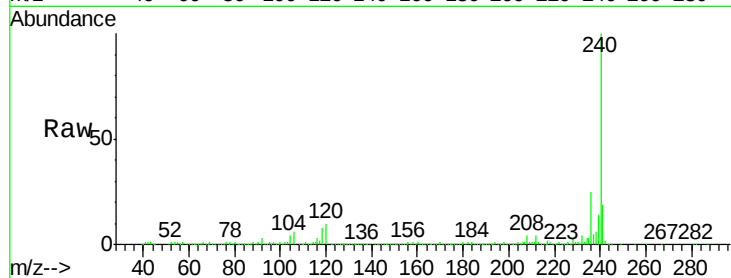
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.9	11.9
236	25.4	21.1	31.7

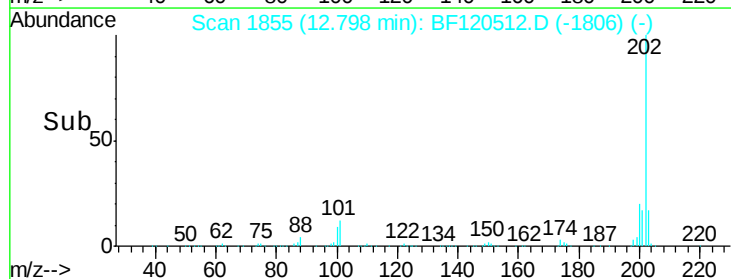
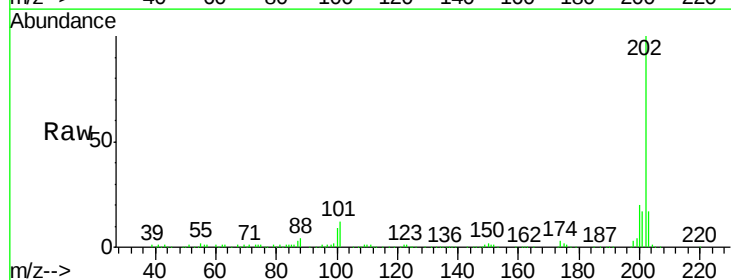
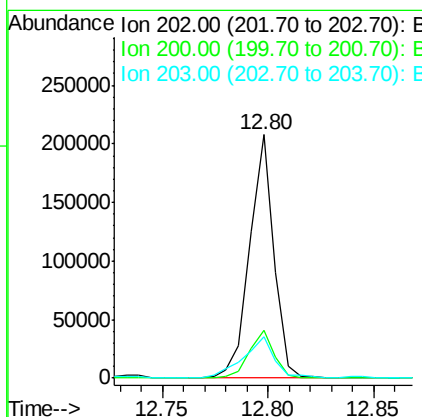
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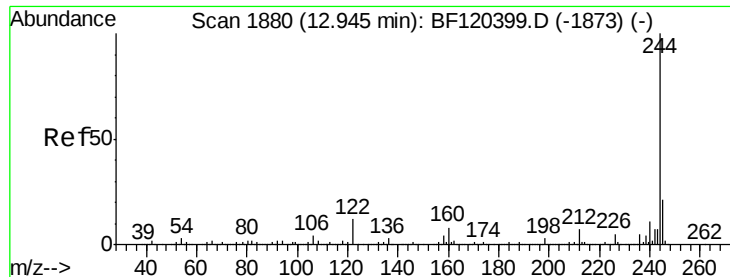
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6/4/2020 12:12:26 PM



#78
Pyrene
Concen: 5.179 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.3	25.9
203	17.2	14.5	21.7





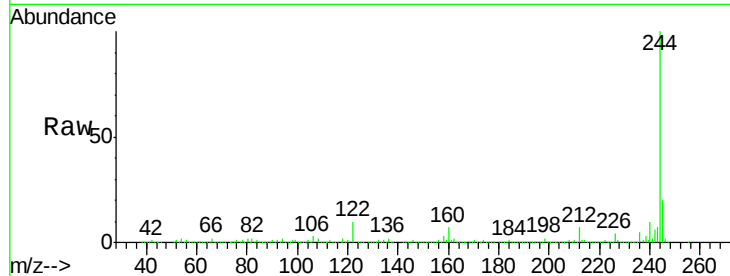
#79
 Terphenyl-d14
 Concen: 62.481 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF120512.D
 Acq: 3 Jun 2020 16:30

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

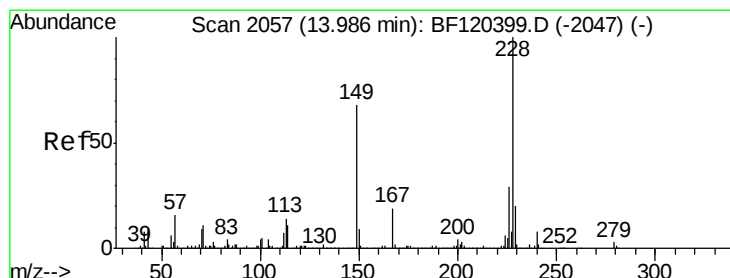
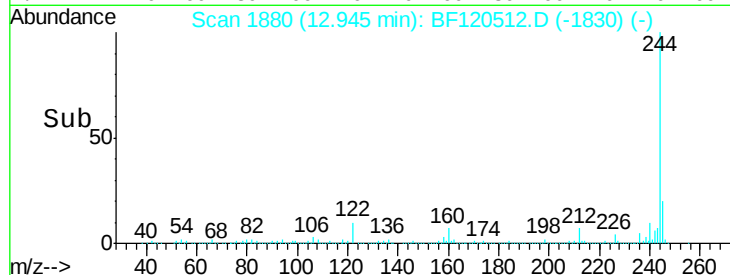
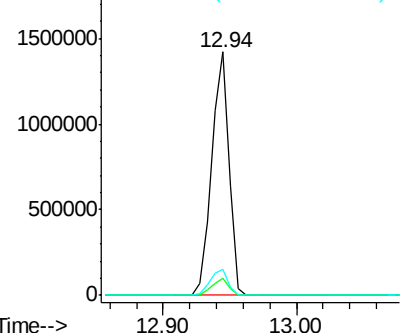
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.4	8.2	12.4

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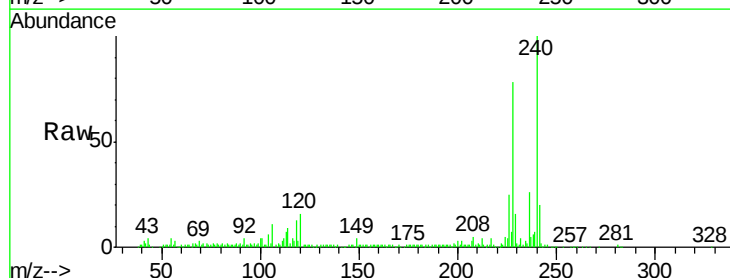


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

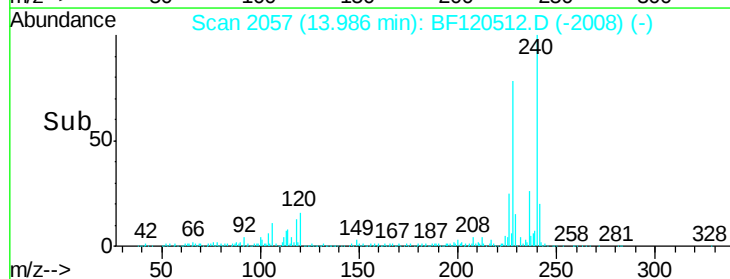
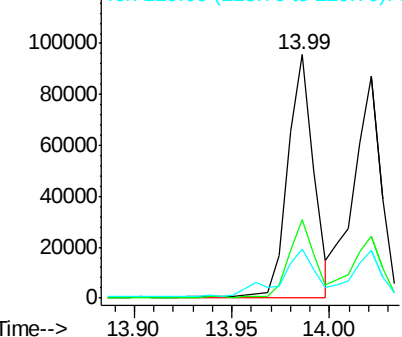


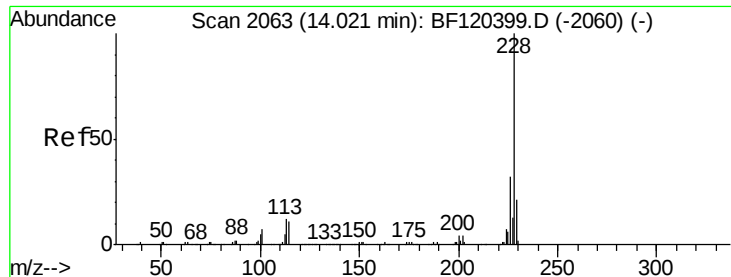
#81
 Benzo(a)anthracene
 Concen: 3.550 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120512.D
 Acq: 3 Jun 2020 16:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.7	34.1
229	20.0	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





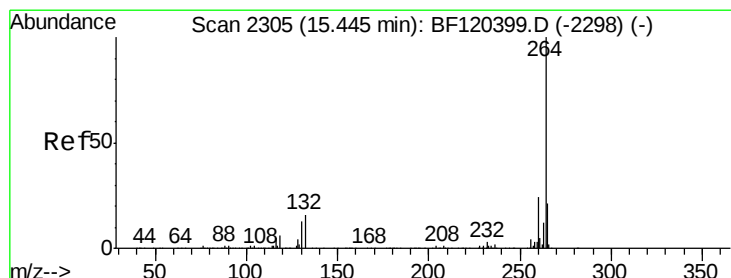
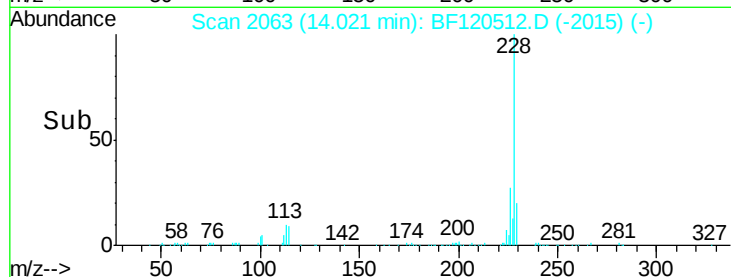
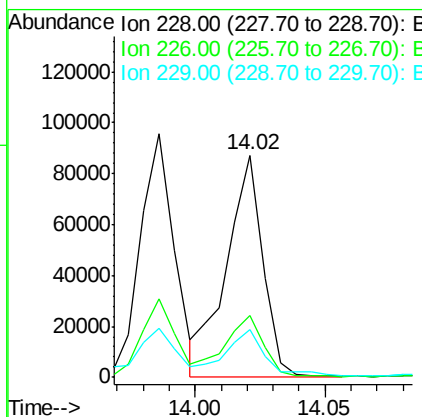
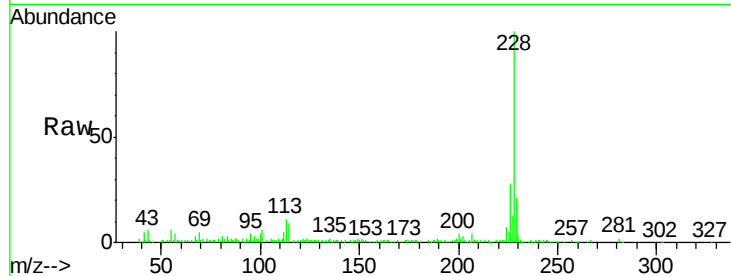
#83
Chrysene
Concen: 3.312 ng/ml
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion:	228	Resp:	86354
Ion	Ratio	Lower	Upper
228	100		
226	27.9	25.2	37.8
229	21.3	16.1	24.1

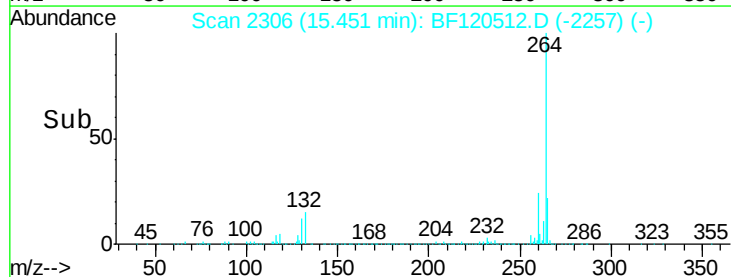
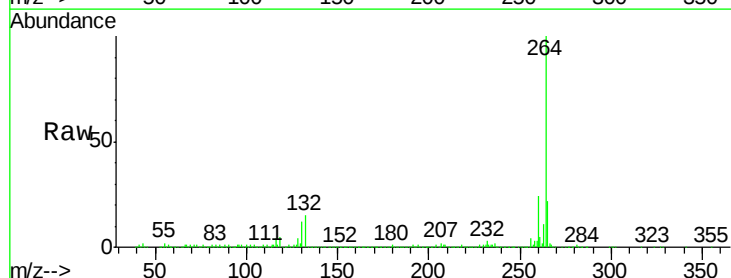
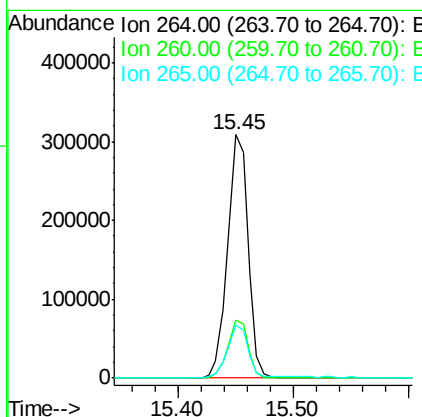
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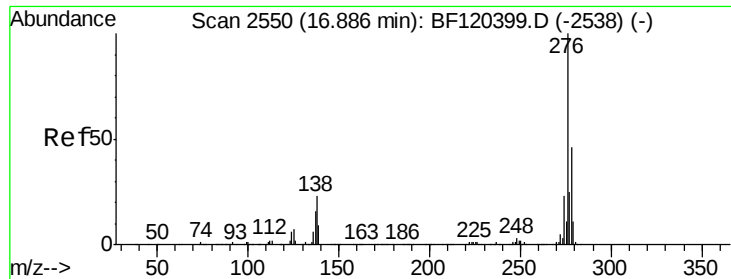
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Tgt Ion:	264	Resp:	381289
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.7	17.5	26.3





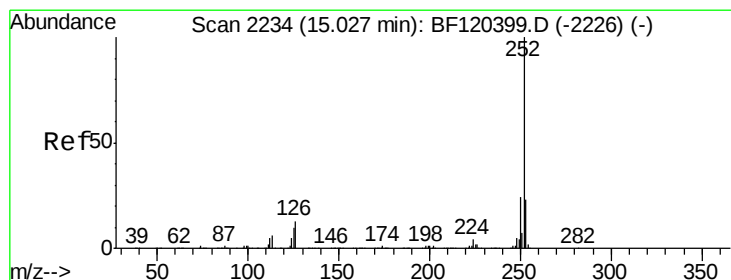
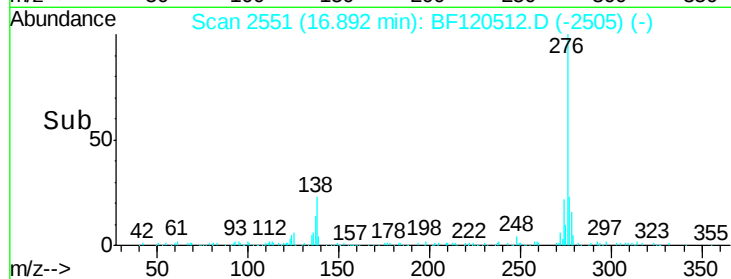
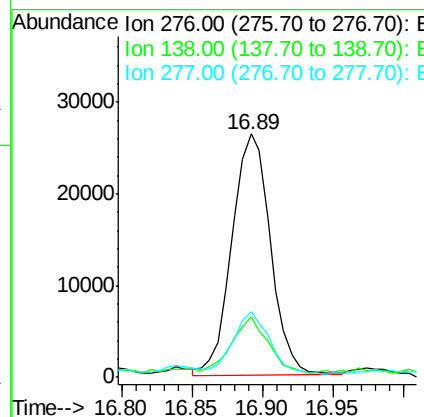
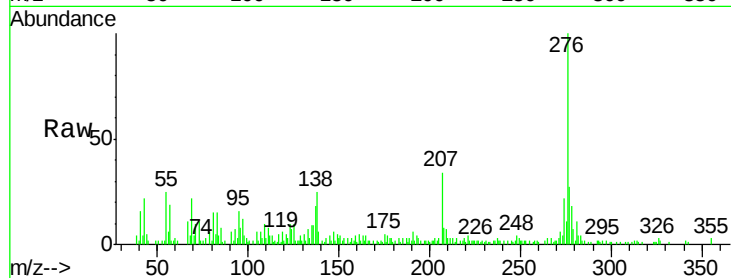
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.409 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120512.D
 Acq: 3 Jun 2020 16:30

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	19.2	28.8
277	24.0	20.4	30.6

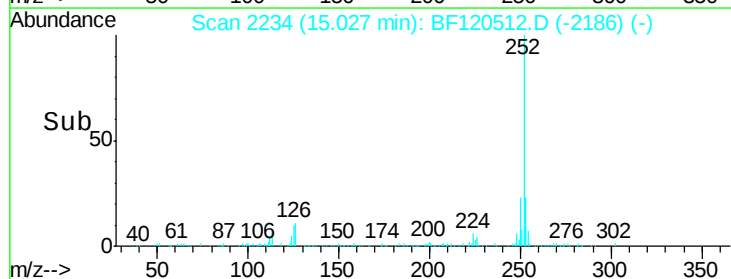
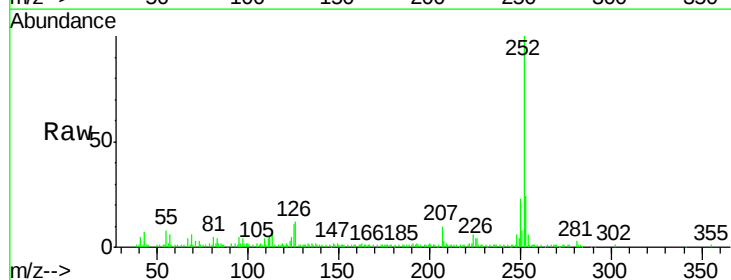
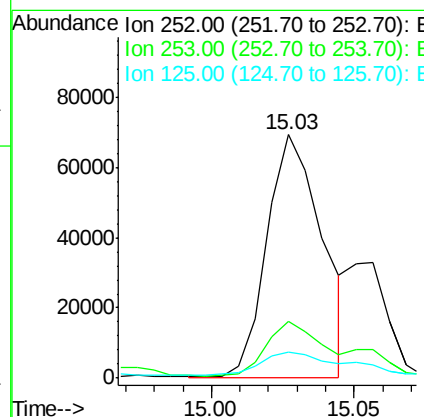
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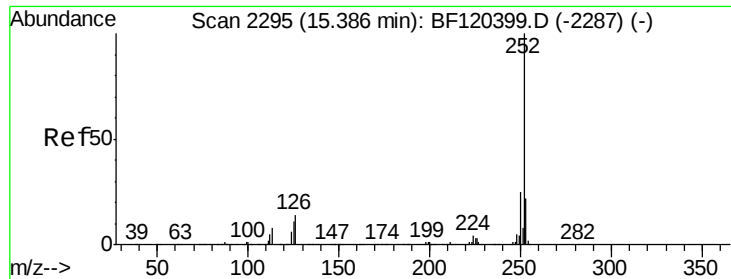
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#88
 Benzo(b)fluoranthene
 Concen: 4.477 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120512.D
 Acq: 3 Jun 2020 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	10.7	7.6	11.4





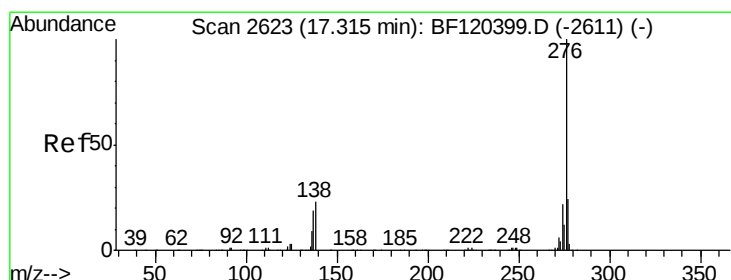
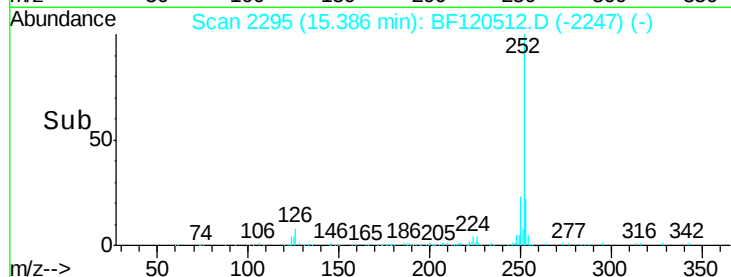
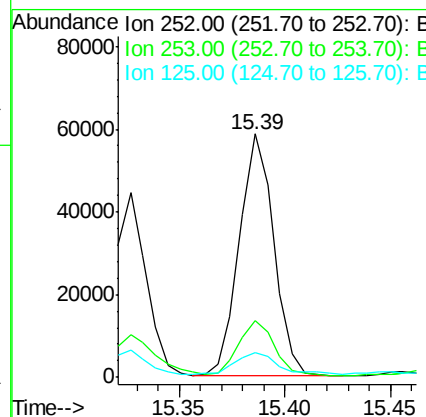
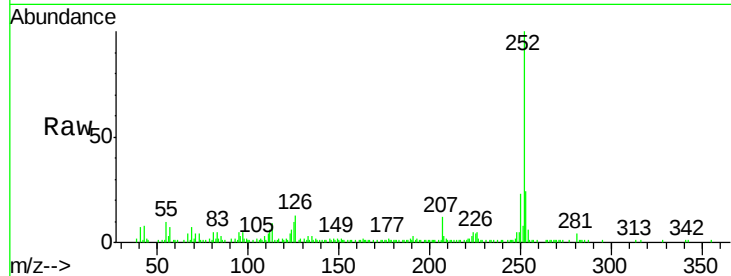
#90
Benzo(a)pyrene
Concen: 3.573 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	10.3	9.2	13.8

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#92
Benzo(g,h,i)perylene
Concen: 2.889 ng
RT: 17.33 min Scan# 2626
Delta R.T. -0.03 min
Lab File: BF120512.D
Acq: 3 Jun 2020 16:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.4	29.2
138	22.6	16.6	25.0

