

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120510.D
 Acq On : 3 Jun 2020 15:35
 Operator : JU/CG
 Sample : L2839-24
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP06-2020-0-6

Manual Integrations
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Quant Time: Jun 03 16:27:48 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	226930	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	624989	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	422705	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	737605	20.00	ng	0.00
76) Chrysene-d12	14.00	240	460645	20.00	ng	-0.01
86) Perylene-d12	15.46	264	484218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1833679	153.99	ng	0.01
7) Phenol-d6	6.48	99	2393046	163.05	ng	0.00
23) Nitrobenzene-d5	7.40	82	1631055	170.71	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	668645	170.72	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2614351	104.94	ng	0.00
79) Terphenyl-d14	12.95	244	2439413	117.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	228462	8.645	ng	100
71) Phenanthrene	11.38	178	277159	8.528	ng	97
75) Fluoranthene	12.57	202	427635	12.228	ng	99
78) Pyrene	12.80	202	365249	11.401	ng	98
81) Benzo(a)anthracene	13.99	228	172055	6.969	ng	96
83) Chrysene	14.02	228	171760	6.636	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	89422	3.376	ng	94
88) Benzo(b)fluoranthene	15.03	252	212362m	7.896	ng	
89) Benzo(k)fluoranthene	15.05	252	71214m	2.836	ng	
90) Benzo(a)pyrene	15.39	252	144609	6.147	ng	98
92) Benzo(g,h,i)perylene	17.33	276	77149	3.623	ng	# 95

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

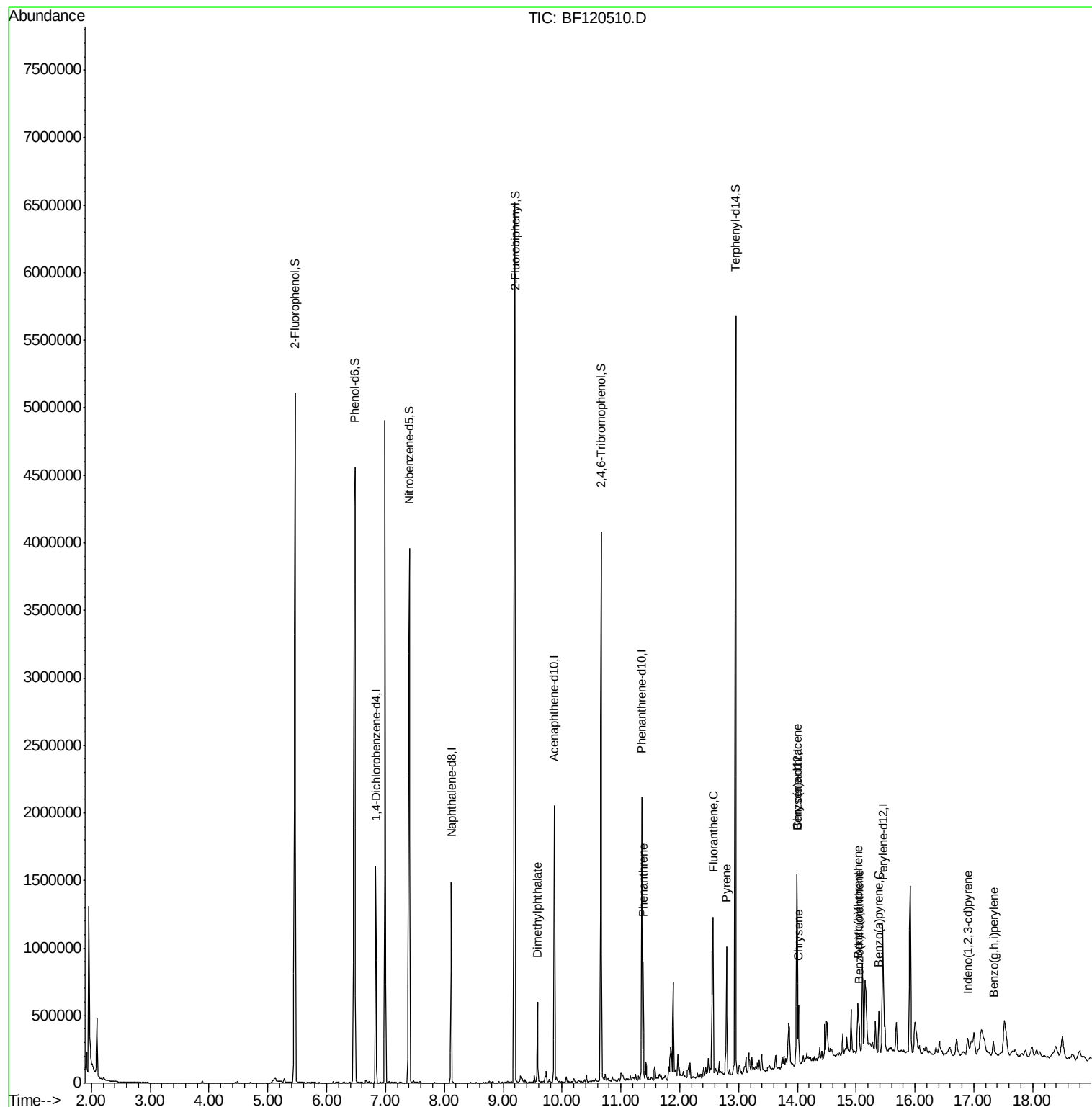
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120510.D
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Operator : JU/CG
Sample : L2839-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

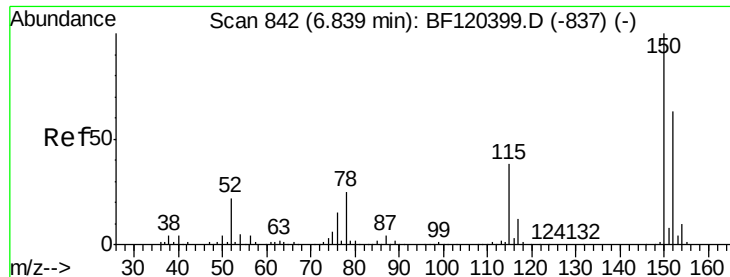
Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

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Quant Time: Jun 03 16:27:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

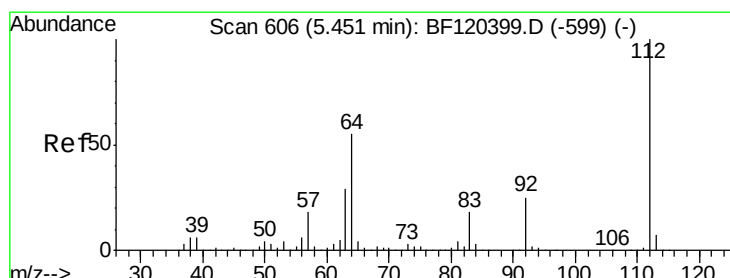
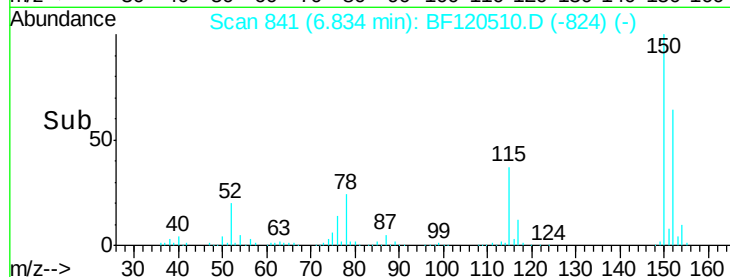
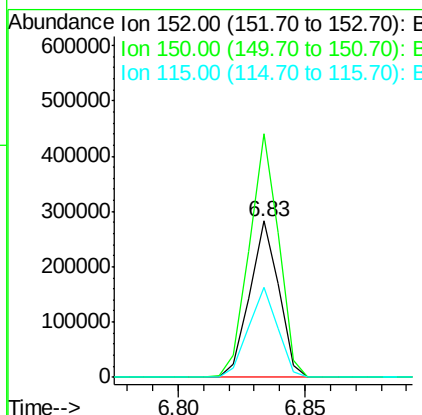
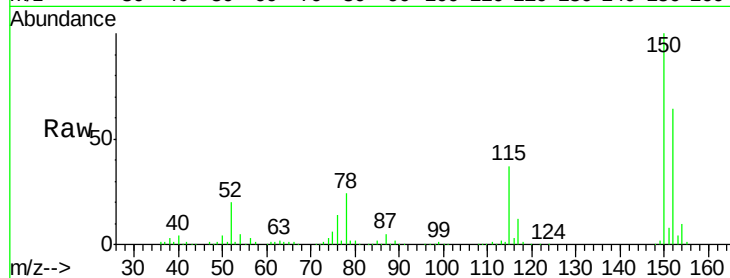
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.1	190.7
115	58.0	48.7	73.1

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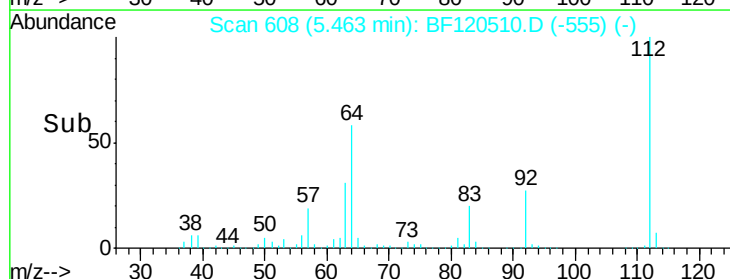
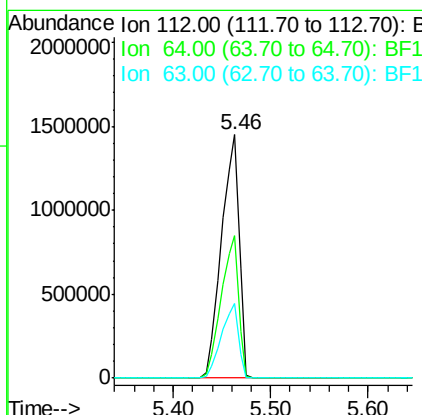
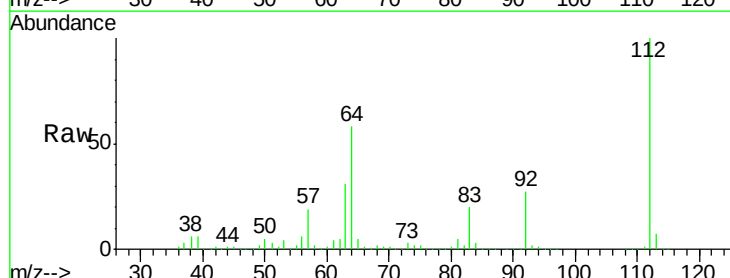
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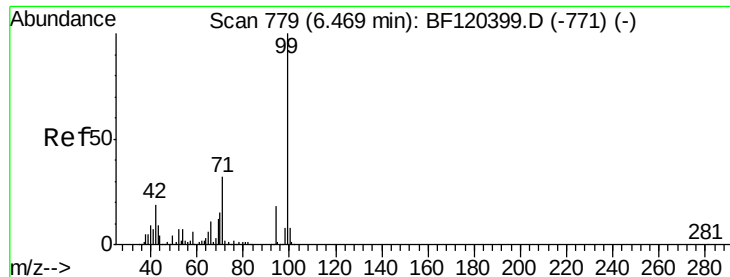


#5

2-Fluorophenol
Concen: 153.992 ng
RT: 5.46 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.8	68.8
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 163.047 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF120510.D

Acq: 3 Jun 2020 15:35

Instrument :

BNA_F

ClientSampleId :

NMDUP06-2020-0-6

Tot Ion: 99 Resp: 2393046

Ion Ratio Lower Upper

99 100

42 19.3 15.0 22.4

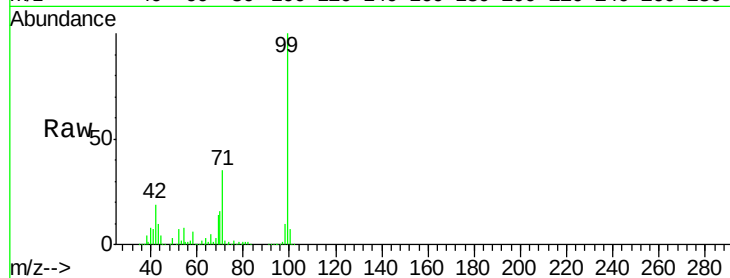
71 35.3 26.3 39.5

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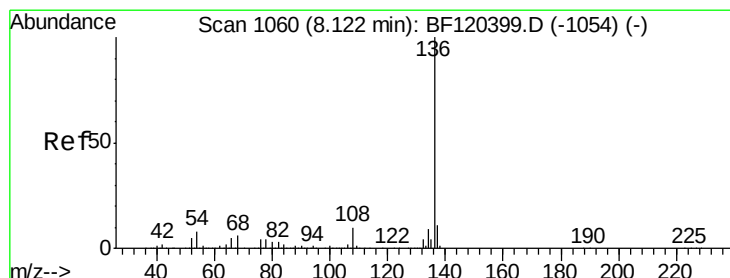
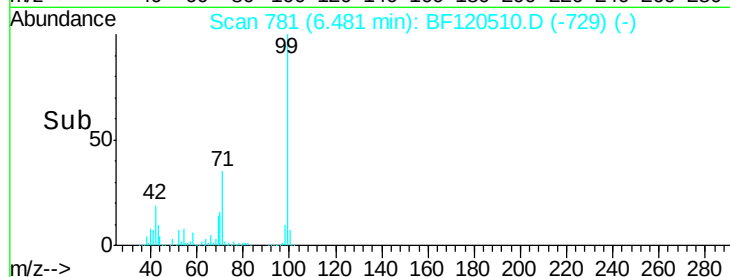
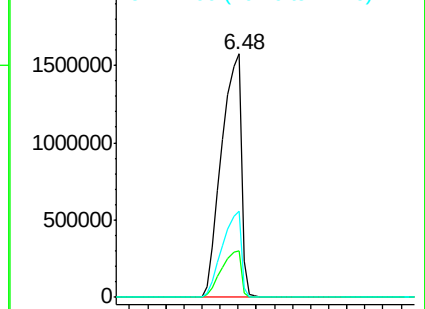
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF120510.D

Acq: 3 Jun 2020 15:35

Tgt Ion: 136 Resp: 624989

Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.3 6.0 9.0

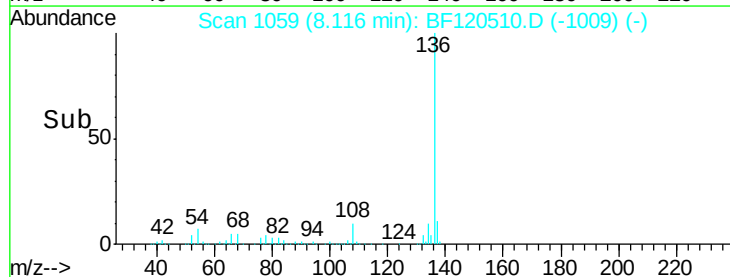
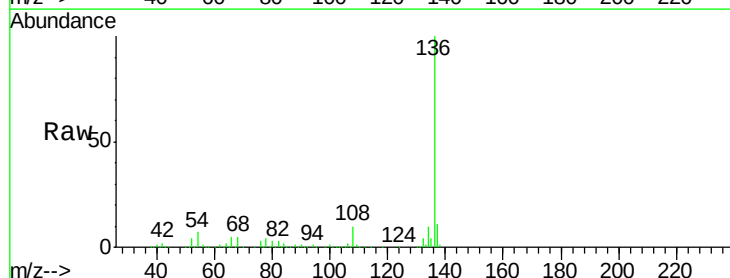
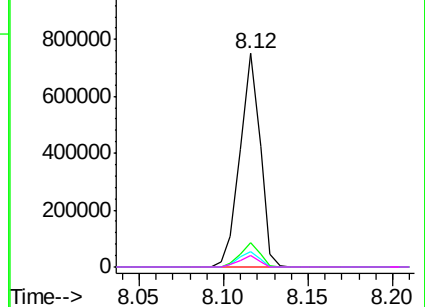
68 5.2 4.8 7.2

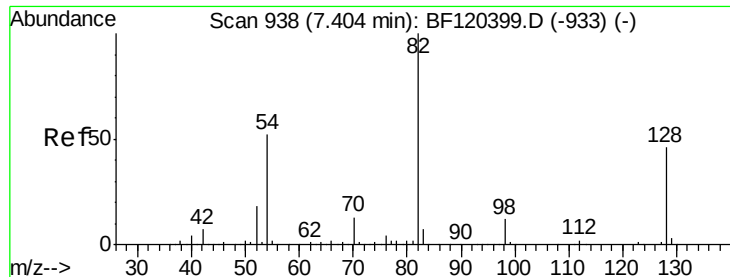
Abundance Ion 136.00 (135.70 to 136.70): E

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





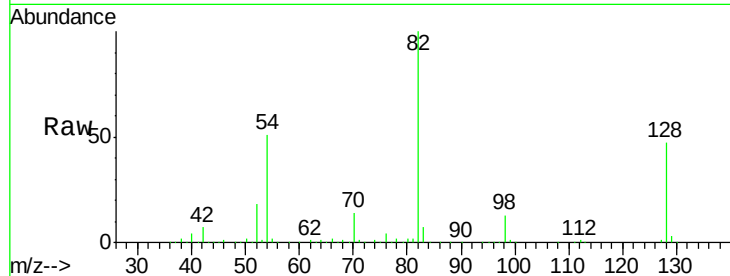
#23
Nitrobenzene-d5
Concen: 170.711 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

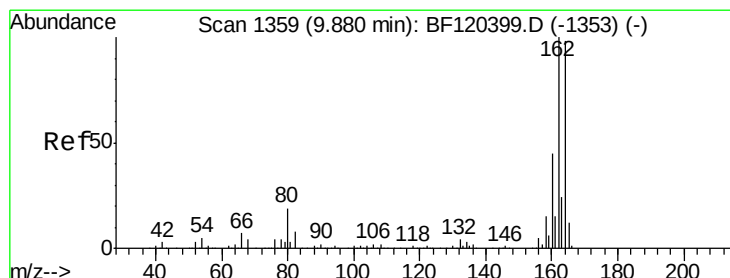
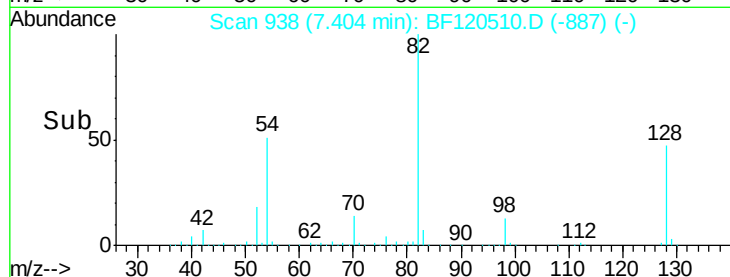
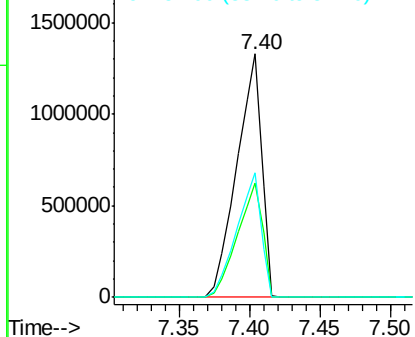
Tot Ion: 82 Resp: 1631055
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 51.4 40.7 61.1

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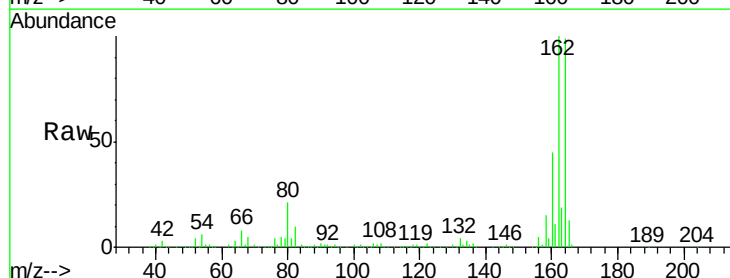


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

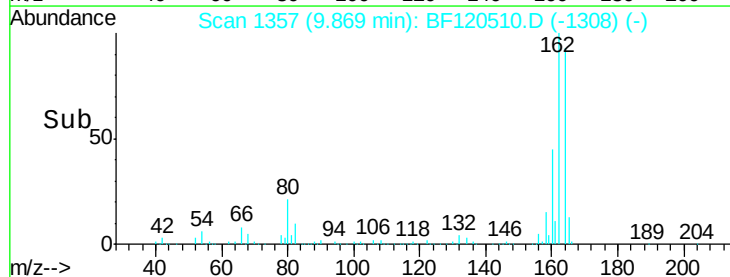
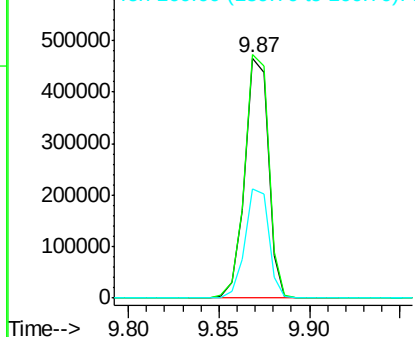


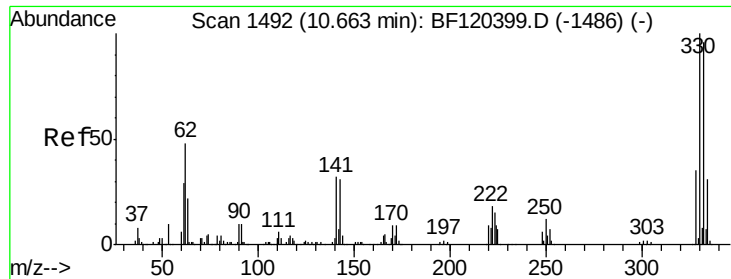
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Tgt Ion:164 Resp: 422705
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 45.7 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: 170.723 ng

RT: 10.67 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BF120510.D

Acq: 3 Jun 2020 15:35

Instrument :

BNA_F

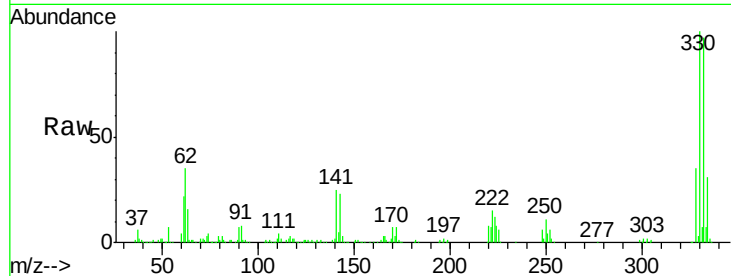
ClientSampleId :

NMDUP06-2020-0-6

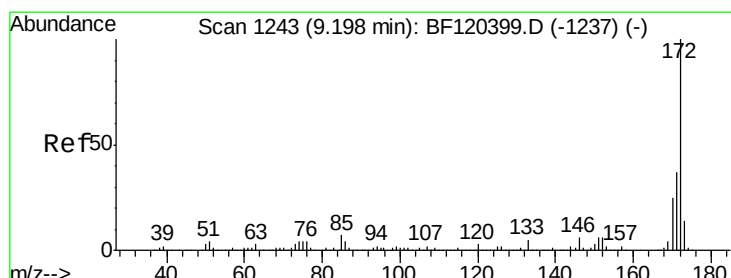
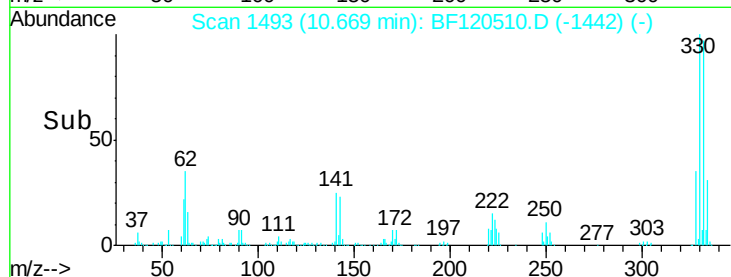
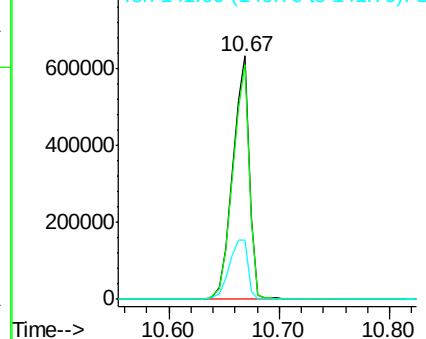
Tot Ion:	330	Resp:	668645
Ion Ratio		Lower	Upper
330	100		
332	96.7	77.4	116.2
141	28.2	23.5	35.3

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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: 104.937 ng

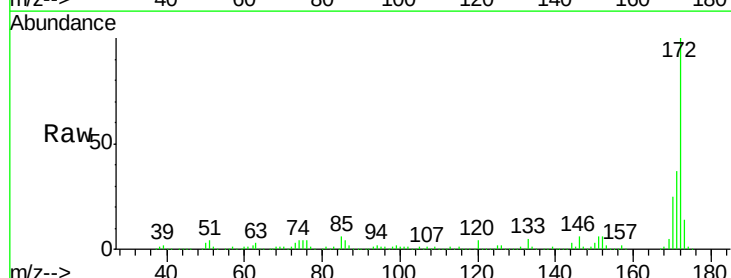
RT: 9.20 min Scan# 1243

Delta R.T. 0.00 min

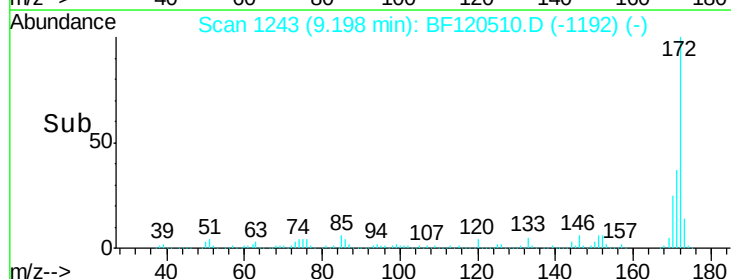
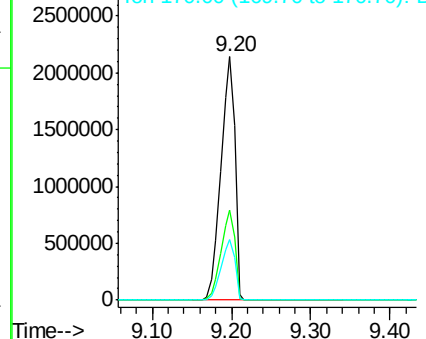
Lab File: BF120510.D

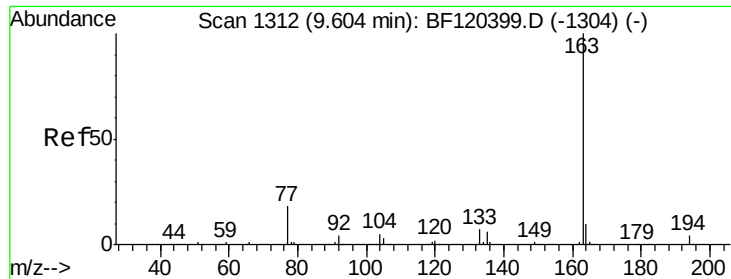
Acq: 3 Jun 2020 15:35

Tgt Ion:	172	Resp:	2614351
Ion Ratio		Lower	Upper
172	100		
171	37.1	29.2	43.8
170	25.1	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





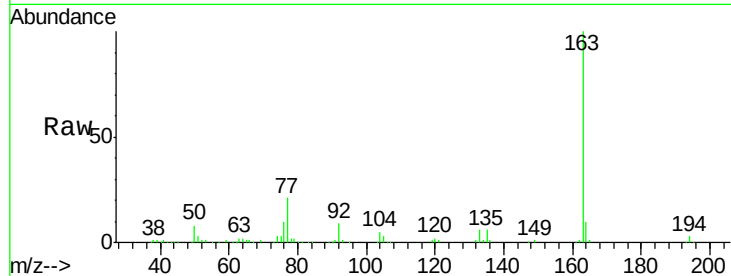
#50
Dimethylphthalate
Concen: 8.645 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

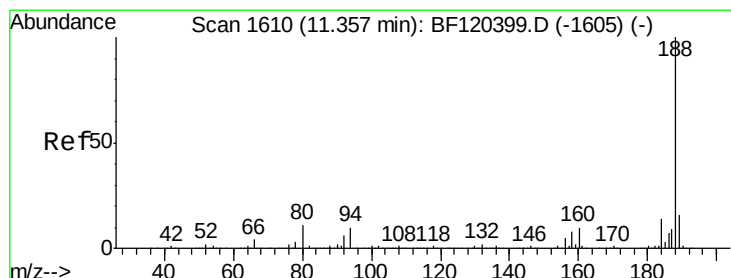
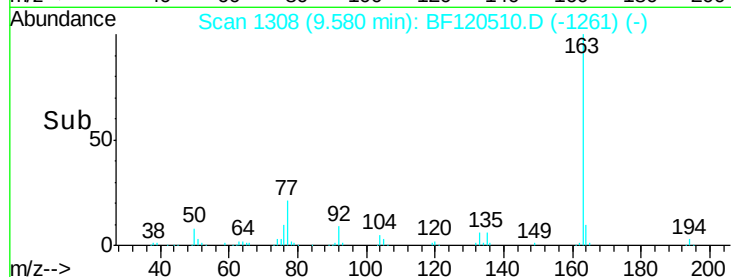
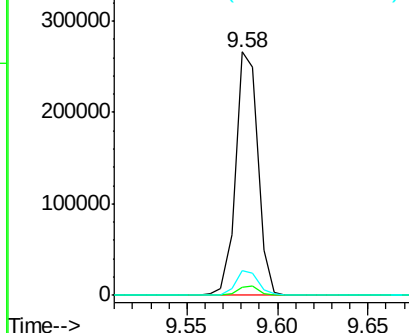
Tot Ion	Ratio	Resp	Lower	Upper
163	100	228462		
194	3.5		3.1	4.7
164	10.3		8.2	12.4

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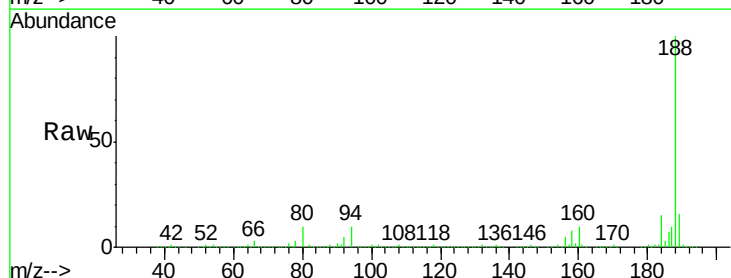


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

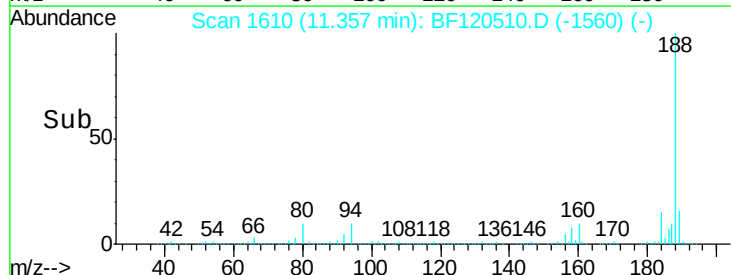
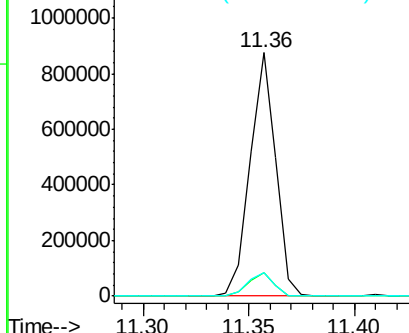


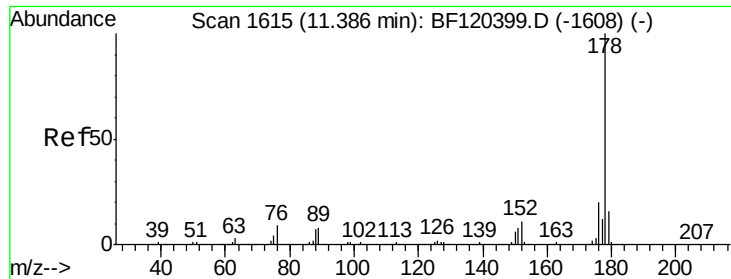
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	737605		
94	9.7		7.5	11.3
80	9.7		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





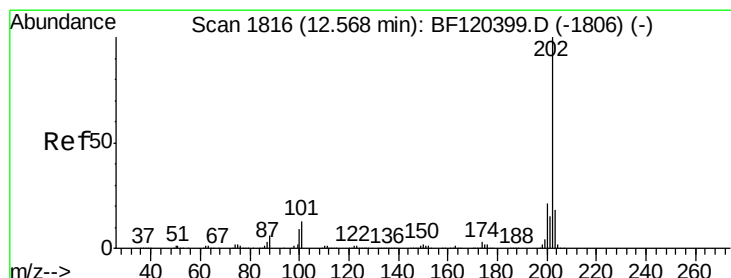
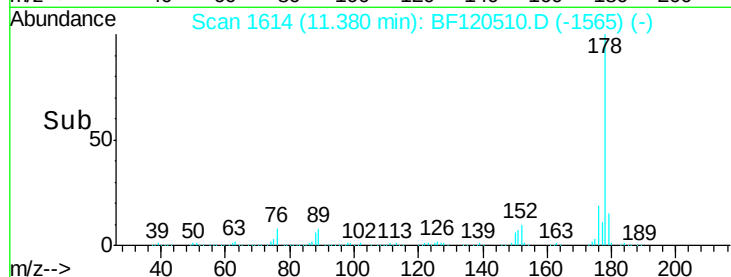
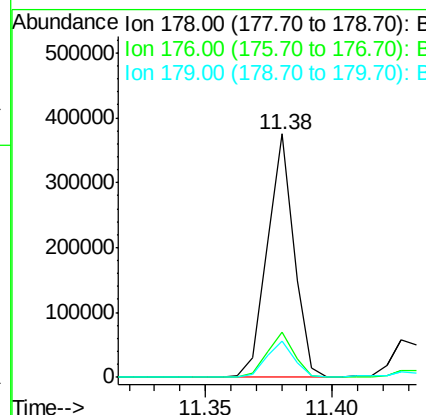
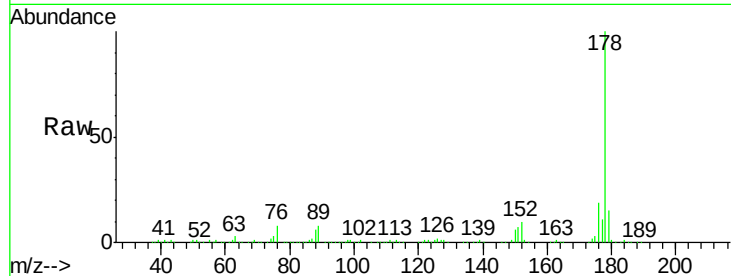
#71
Phenanthrene
Concen: 8.528 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	24.8
179	15.1	13.0	19.4

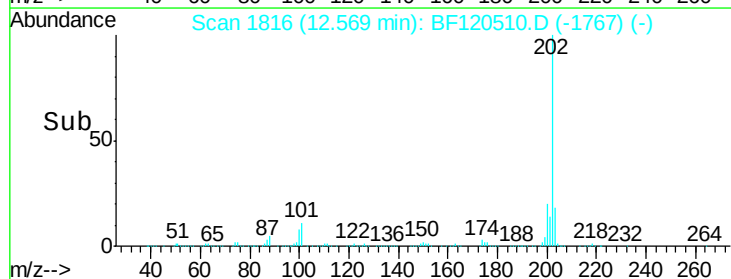
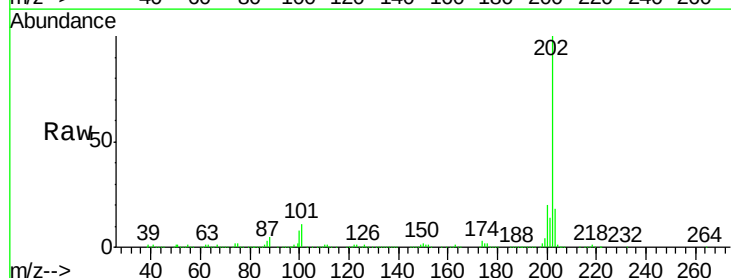
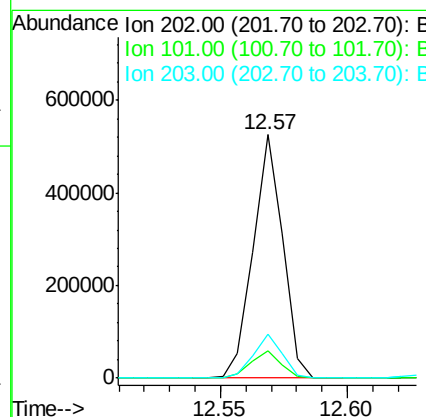
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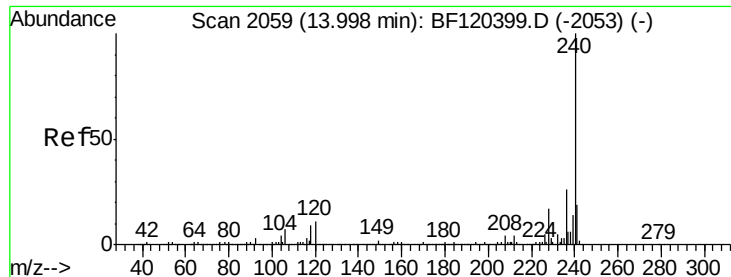
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#75
Fluoranthene
Concen: 12.228 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.4
203	17.8	0.0	38.2





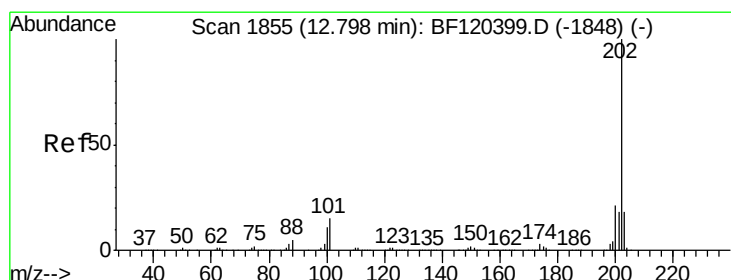
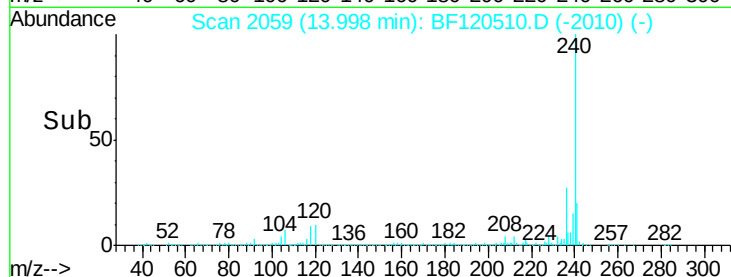
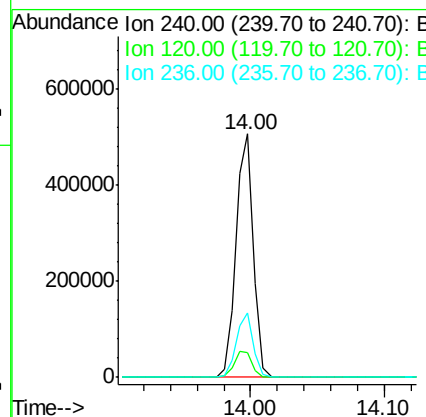
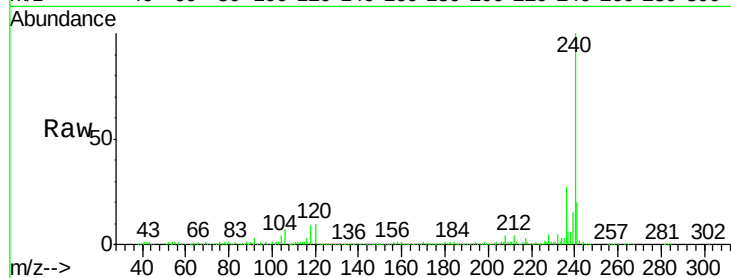
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.9	11.9
236	26.6	21.1	31.7

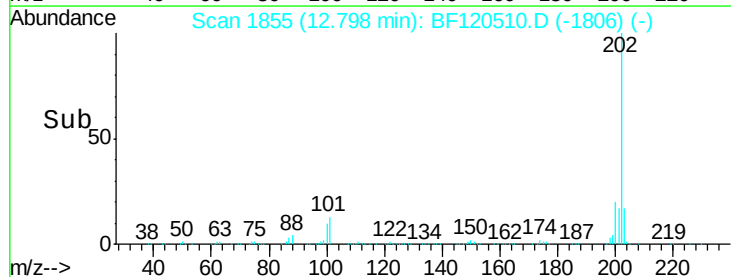
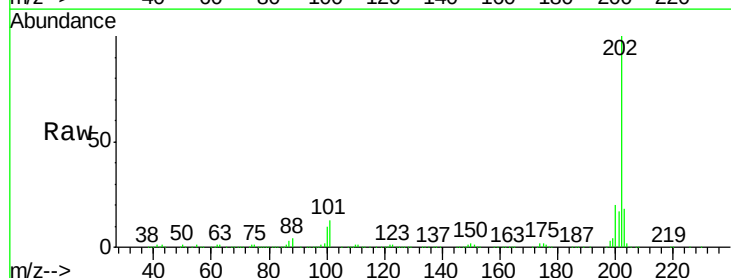
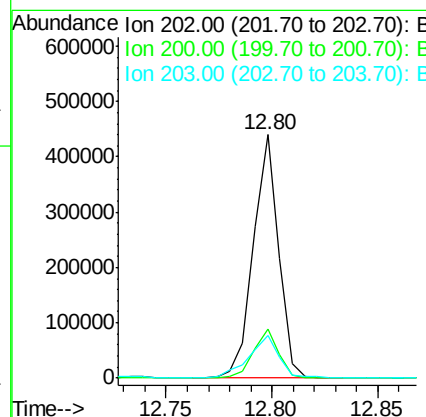
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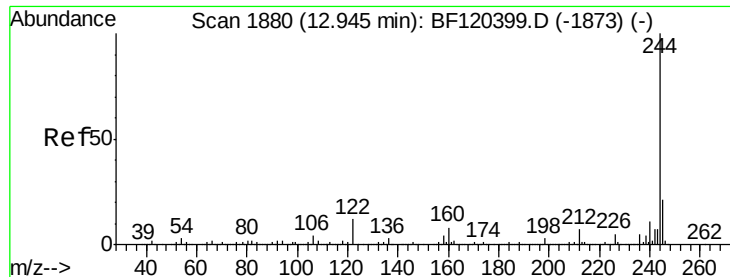
mohammad
6/4/2020 12:12:21 PM



#78
Pyrene
Concen: 11.401 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.3	25.9
203	17.6	14.5	21.7





#79

Terphenyl-d14

Concen: 117.841 ng

RT: 12.95 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BF120510.D

Acq: 3 Jun 2020 15:35

Instrument :

BNA_F

ClientSampleId :

NMDUP06-2020-0-6

Tot Ion:244 Resp: 2439413

Ion Ratio Lower Upper

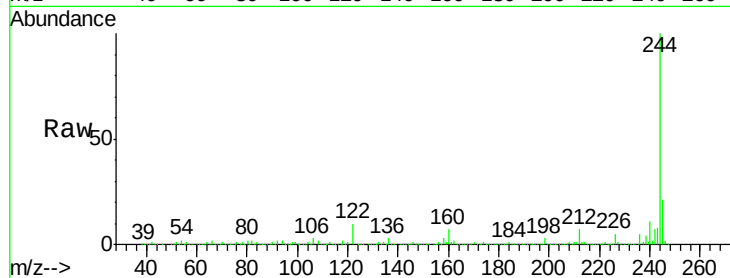
244 100

212 7.3 5.8 8.8

122 10.2 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

12.95

2500000

2000000

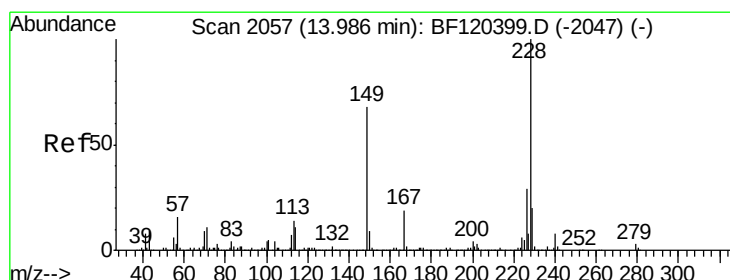
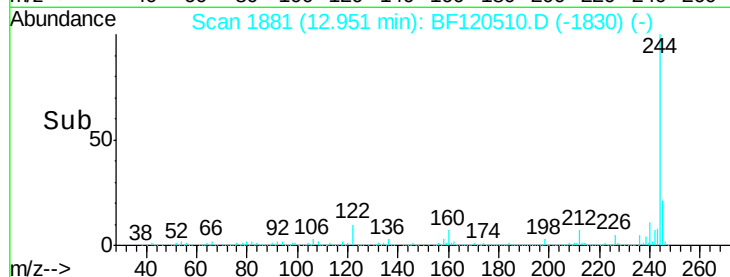
1500000

1000000

500000

0

Time-->



#81

Benzo(a)anthracene

Concen: 6.969 ng

RT: 13.99 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF120510.D

Acq: 3 Jun 2020 15:35

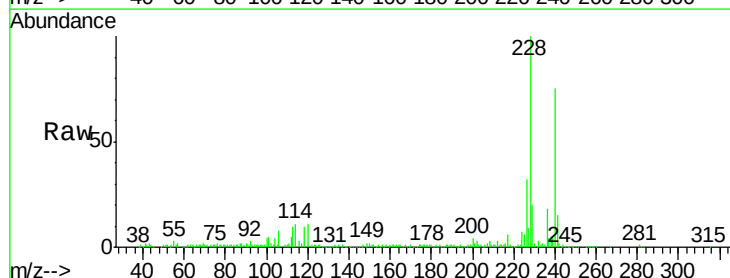
Tgt Ion:228 Resp: 172055

Ion Ratio Lower Upper

228 100

226 31.7 22.7 34.1

229 20.2 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

13.99

250000

200000

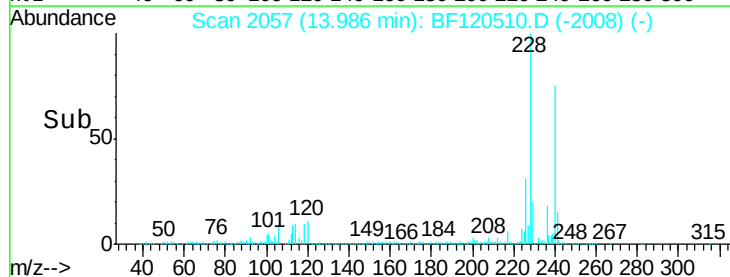
150000

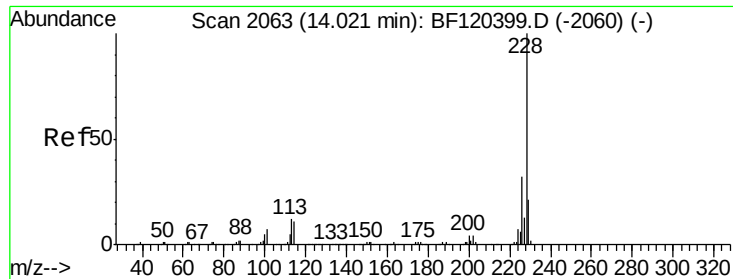
100000

50000

0

Time-->





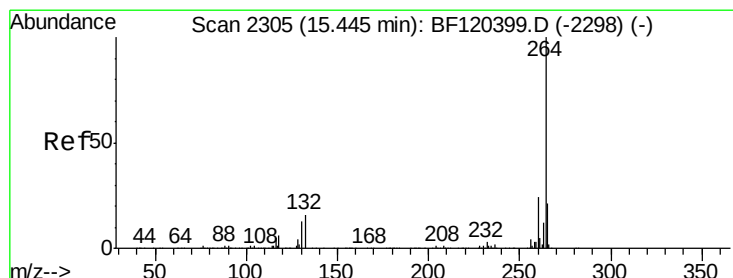
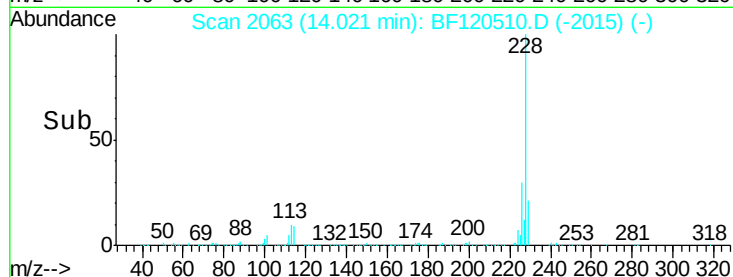
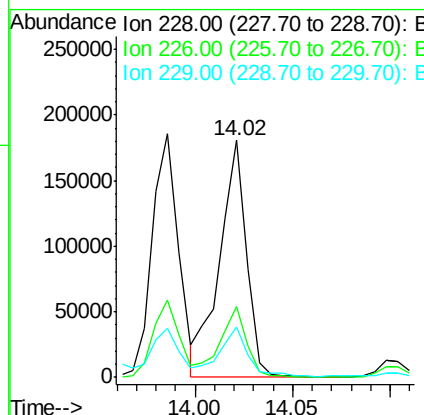
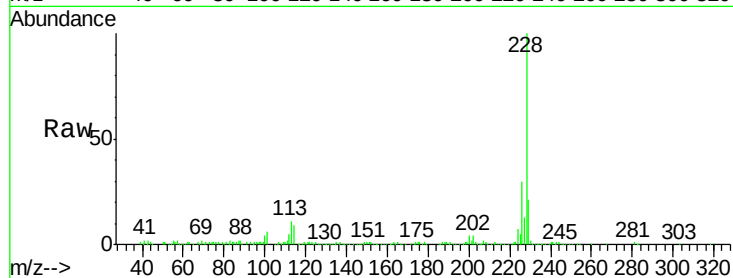
#83
Chrysene
Concen: 6.636 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.2	37.8
229	21.2	16.1	24.1

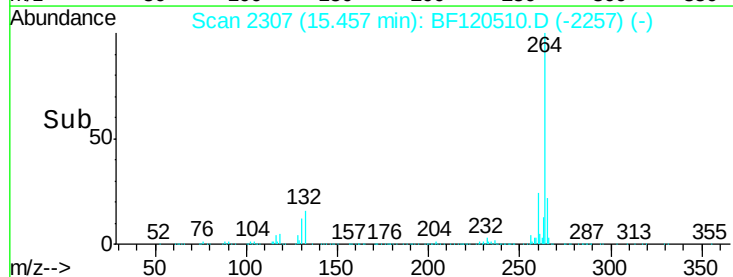
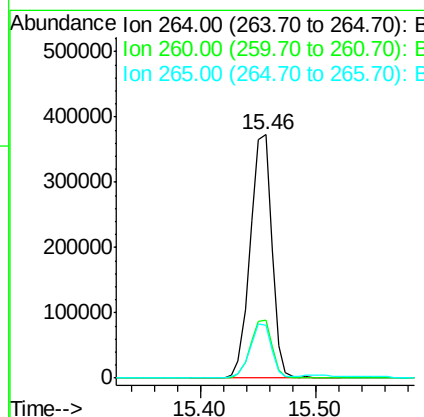
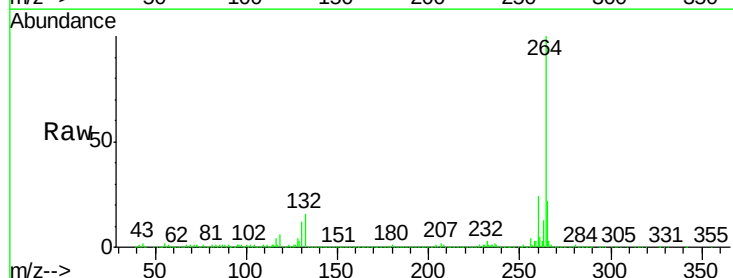
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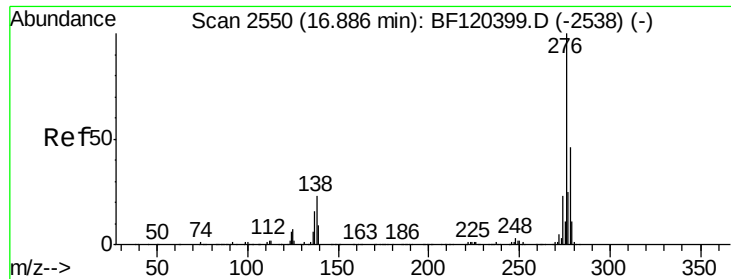
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.9	17.5	26.3





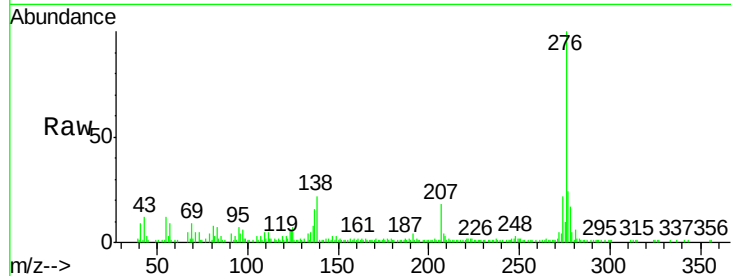
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.376 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120510.D
 Acq: 3 Jun 2020 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP06-2020-0-6

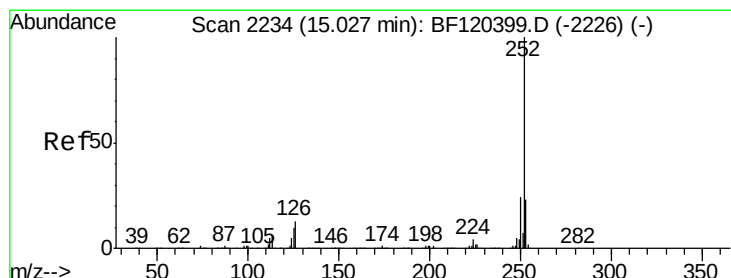
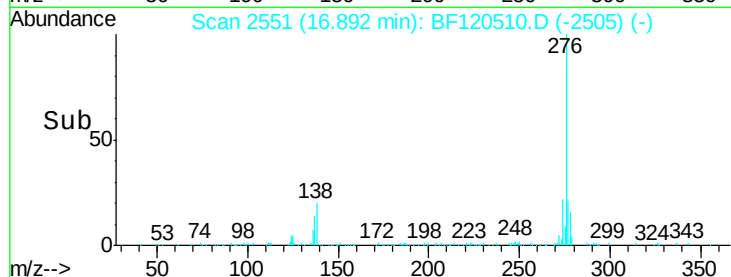
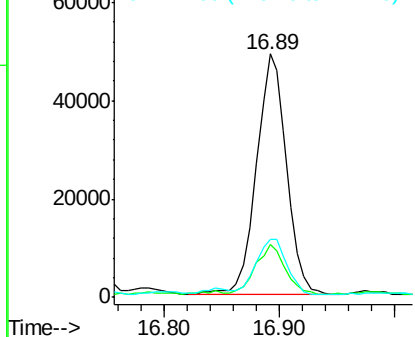
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	19.2	28.8
277	23.4	20.4	30.6

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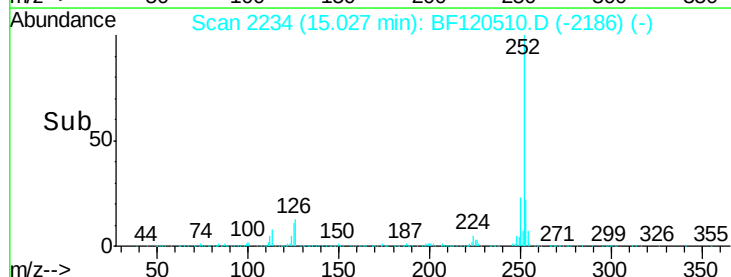
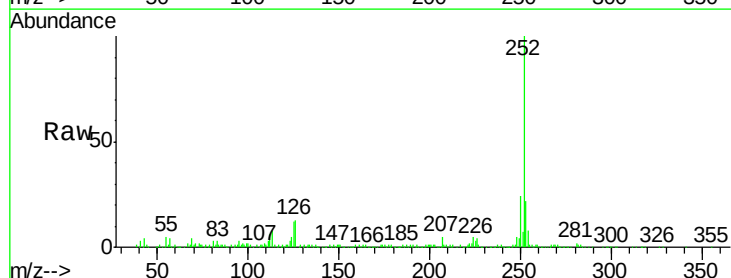
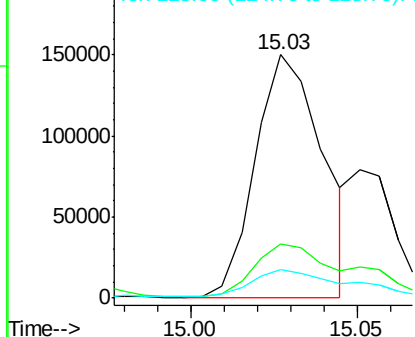
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

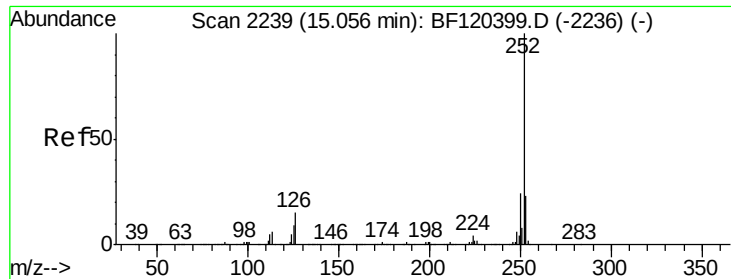


#88
 Benzo(b)fluoranthene
 Concen: 7.896 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120510.D
 Acq: 3 Jun 2020 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	11.7	7.6	11.4#

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





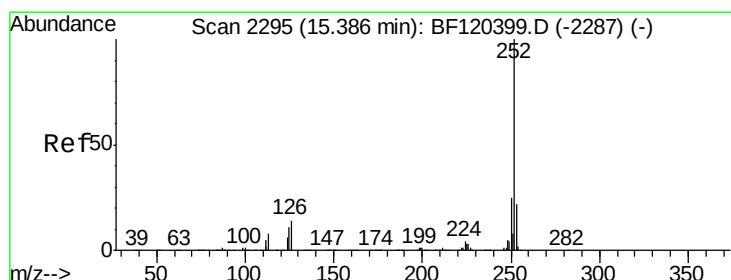
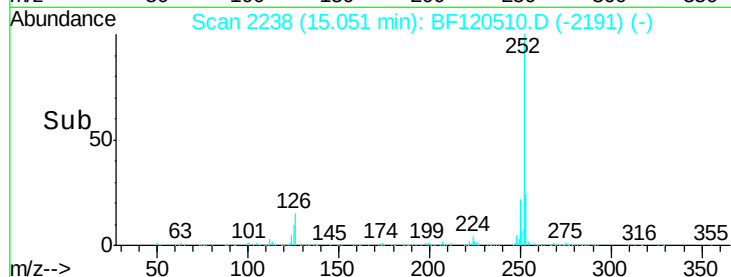
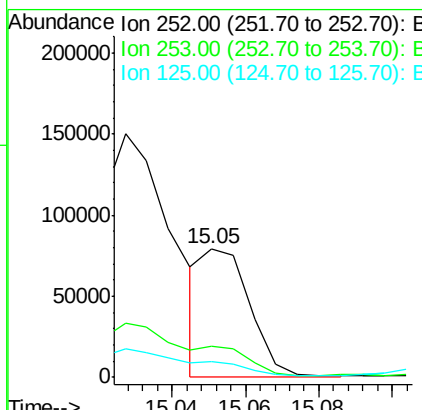
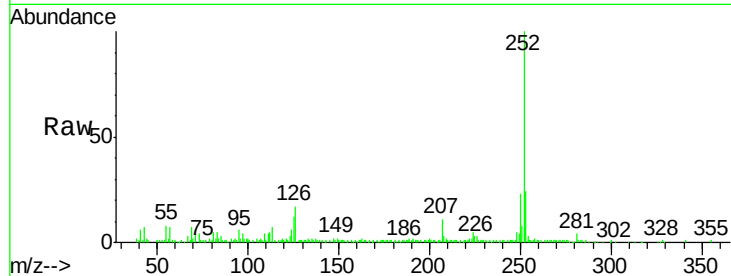
#89
Benzo(k)fluoranthene
Concen: 2.836 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	12.2	7.5	11.3

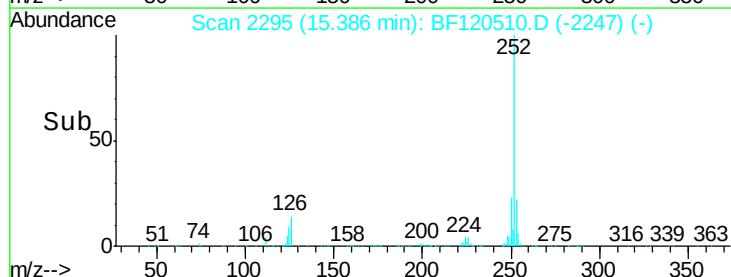
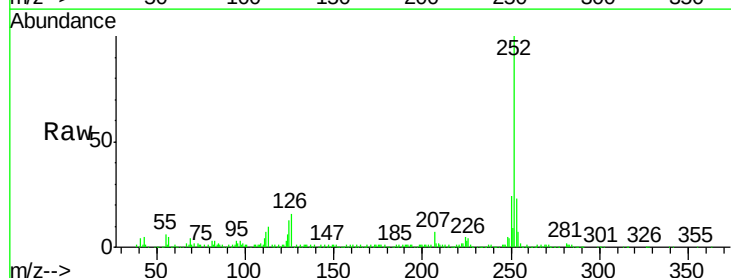
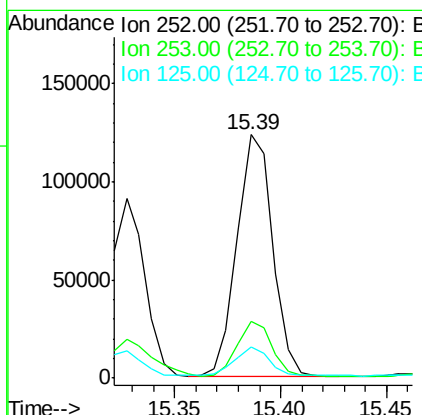
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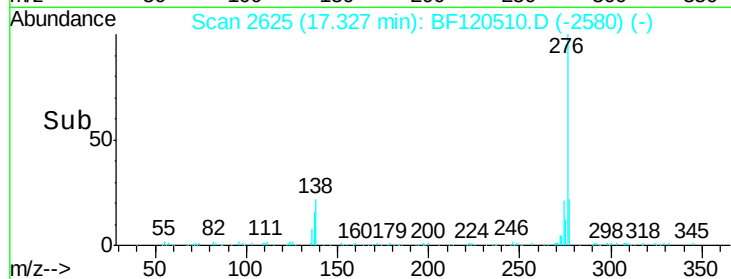
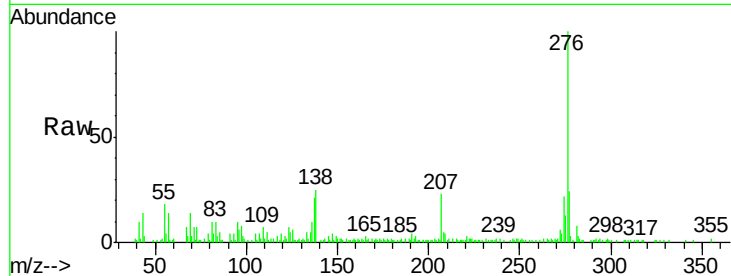
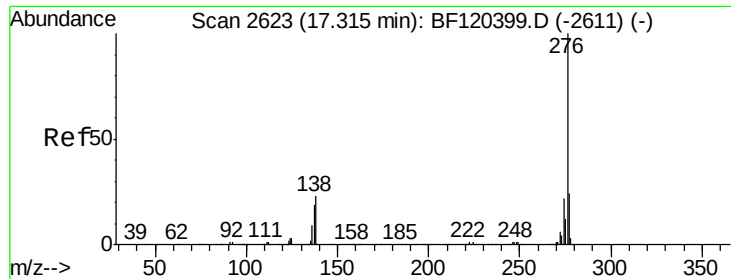
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#90
Benzo(a)pyrene
Concen: 6.147 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120510.D
Acq: 3 Jun 2020 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.6	9.2	13.8





#92
 Benzo(a,h,i)perylene
 Concen: 3.623 ng
 RT: 17.33 min Scan# 2625
 Delta R.T. -0.04 min
 Lab File: BF120510.D
 Acq: 3 Jun 2020 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	25.1	16.6	25.0

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