

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103020\
 Data File : BN012472.D
 Acq On : 30 Oct 2020 16:35
 Operator : CG/JU
 Sample : L4560-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0001DL

Manual Integrations
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Quant Time: Oct 30 17:05:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN103020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 14:49:10 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	715	0.40	ng	# 0.00
7) Naphthalene-d8	10.339	136	2816	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	1697	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	3481	0.40	ng	# 0.00
29) Chrysene-d12	21.163	240	4146	0.40	ng	#-0.01
36) Perylene-d12	23.337	264	4919	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	157	0.06	ng	0.00
5) Phenol-d6	6.757	99	169	0.05	ng	0.00
8) Nitrobenzene-d5	8.742	82	191	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	11.975	152	259	0.06	ng	0.04
14) 2,4,6-Tribromophenol	15.727	330	69	0.06	ng	0.01
15) 2-Fluorobiphenyl	12.847	172	427	0.07	ng	0.01
27) Fluoranthene-d10	19.003	212	699	0.06	ng	0.00
31) Terphenyl-d14	19.613	244	803	0.08	ng	0.00
Target Compounds						
						Qvalue
25) Phenanthrene	17.005	178	9100	0.88	ng	98
26) Anthracene	17.102	178	1826	0.19	ng	99
28) Fluoranthene	19.032	202	34886	2.87	ng	99
30) Pyrene	19.395	202	30402	2.15	ng	# 94
32) Benzo(a)anthracene	21.152	228	22527	1.74	ng	98
33) Chrysene	21.205	228	22687	1.61	ng	96
34) Bis(2-ethylhexyl)phtha...	21.089	149	223	0.03	ng	# 94
35) Indeno(1,2,3-cd)pyrene	25.490	276	12021	0.58	ng	96
37) Benzo(b)fluoranthene	22.693	252	27824	1.75	ng	99
38) Benzo(k)fluoranthene	22.731	252	10182m	0.61	ng	
39) Benzo(a)pyrene	23.241	252	17367	1.15	ng	97
40) Dibenzo(a,h)anthracene	25.500	278	4328	0.25	ng	# 83
41) Benzo(g,h,i)perylene	26.150	276	12964	0.72	ng	99

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

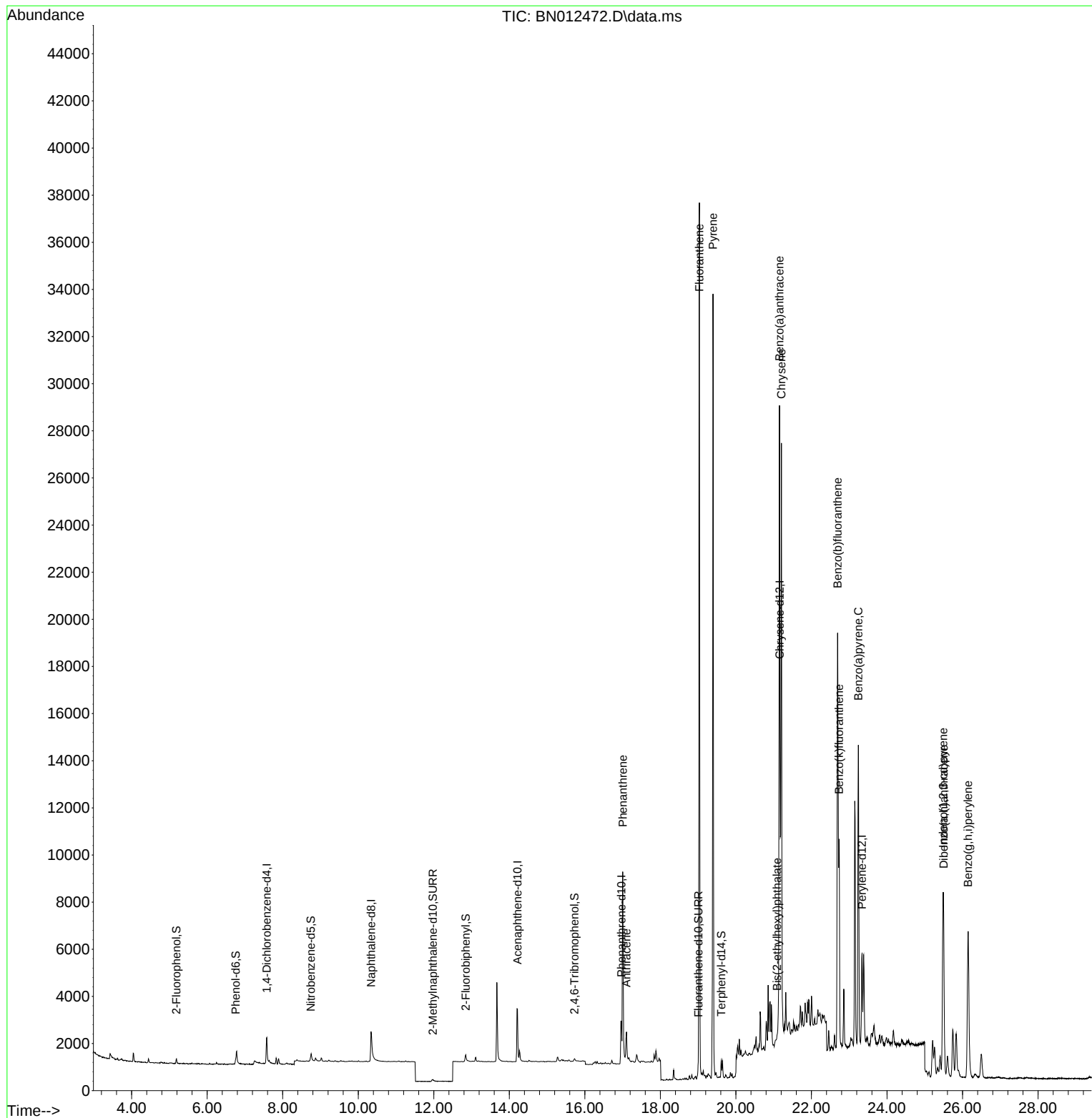
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103020\
Data File : BN012472.D
Acq On : 30 Oct 2020 16:35
Operator : CG/JU
Sample : L4560-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

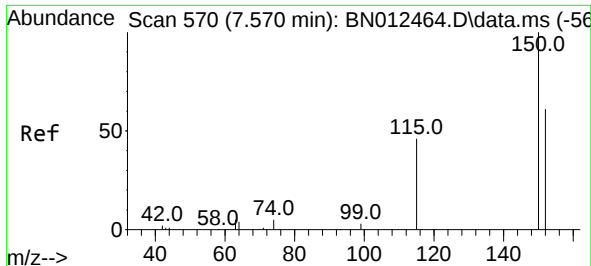
Instrument :
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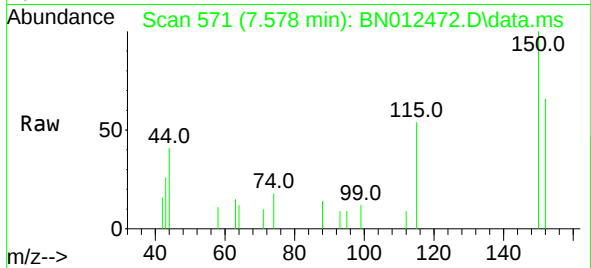
Quant Time: Oct 30 17:05:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 14:49:10 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.008 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

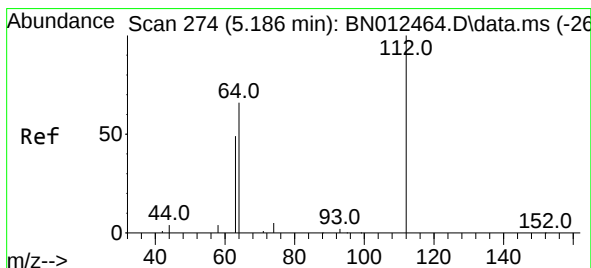
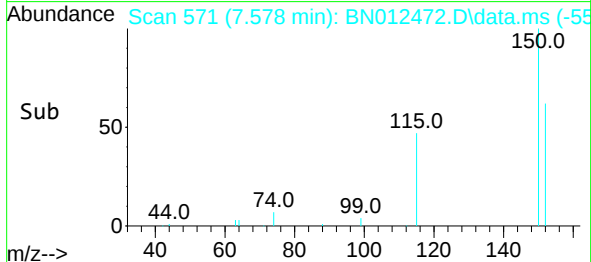
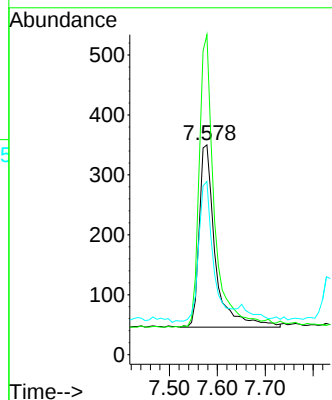
Instrument :
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ClientSampleId :
B308-B309-LOC1-SO-0001DL



Tgt Ion:152 Resp: 715
Ion Ratio Lower Upper
152 100
150 152.6 116.6 174.8
115 82.6 52.9 79.3#

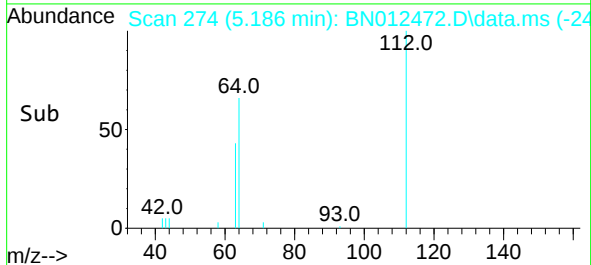
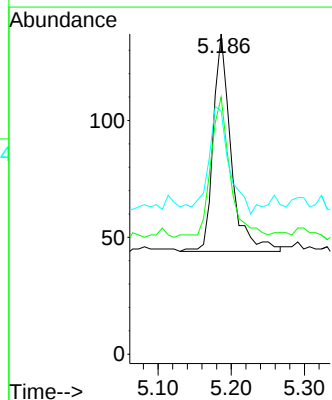
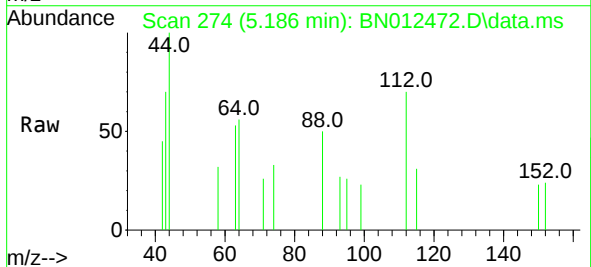
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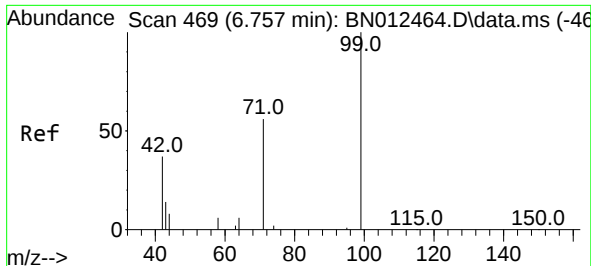
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#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.186 min Scan# 274
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:112 Resp: 157
Ion Ratio Lower Upper
112 100
64 70.1 49.5 74.3
63 56.1 32.0 48.0#





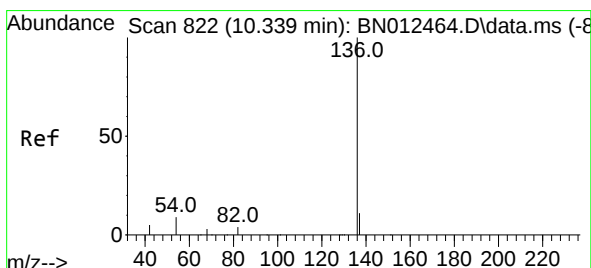
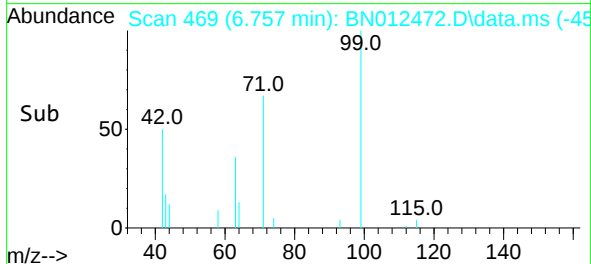
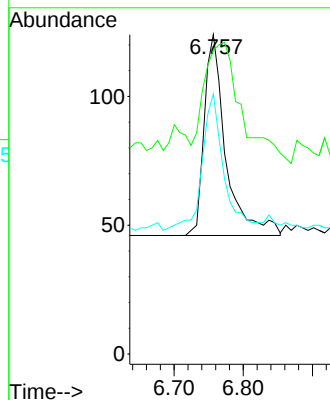
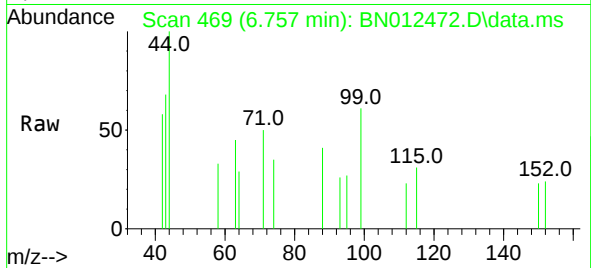
#5
Phenol-d6
Concen: 0.05 ng
RT: 6.757 min Scan# 469
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion: 99 Resp: 169
Ion Ratio Lower Upper
99 100
42 104.1 22.4 33.6#
71 67.5 37.8 56.6#

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BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

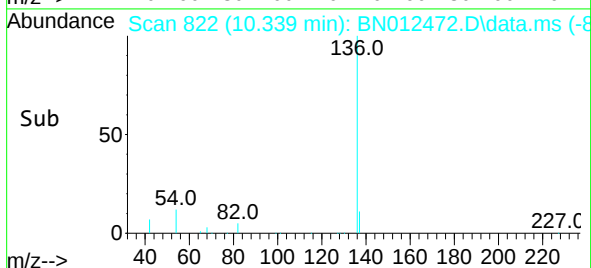
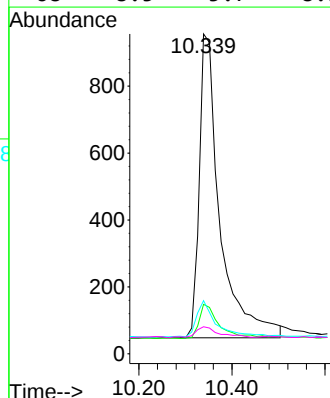
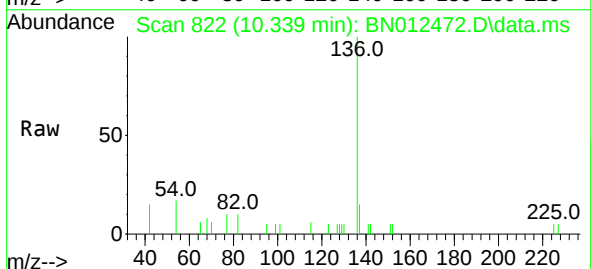
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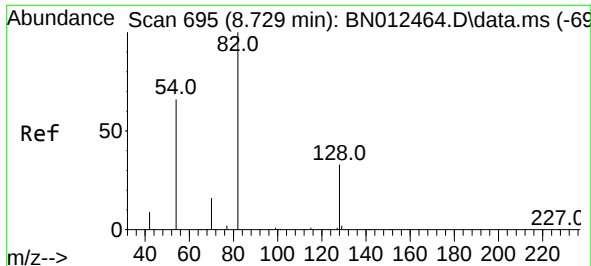
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.339 min Scan# 822
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

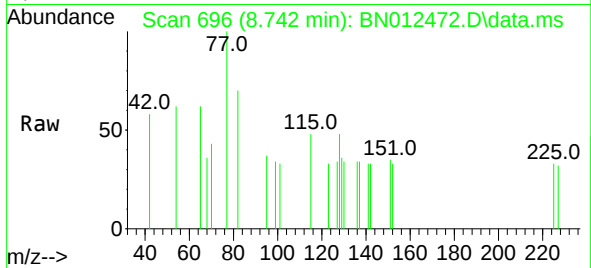
Tgt Ion: 136 Resp: 2816
Ion Ratio Lower Upper
136 100
137 15.5 10.6 15.8
54 16.6 8.6 12.8#
68 8.5 5.7 8.5





#8
Nitrobenzene-d5
Concen: 0.06 ng
RT: 8.742 min Scan# 696
Delta R.T. 0.013 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

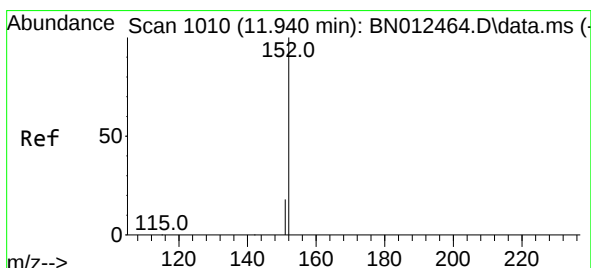
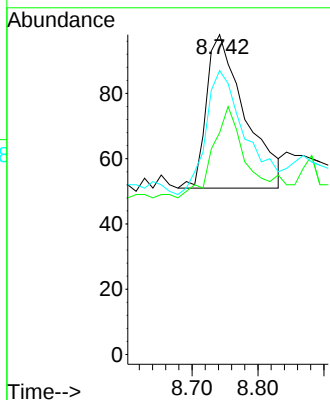
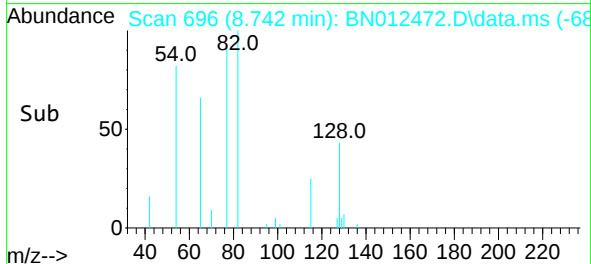
Instrument :
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ClientSampleId :
B308-B309-LOC1-SO-0001DL



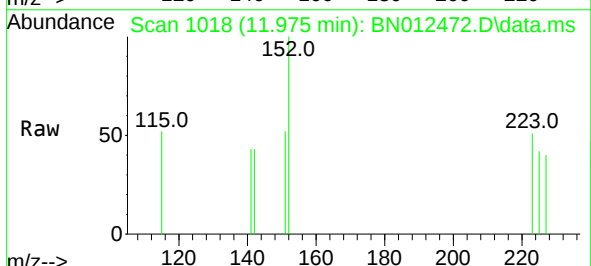
Tgt Ion: 82 Resp: 191
Ion Ratio Lower Upper
82 100
128 69.4 30.6 46.0#
54 88.8 48.3 72.5#

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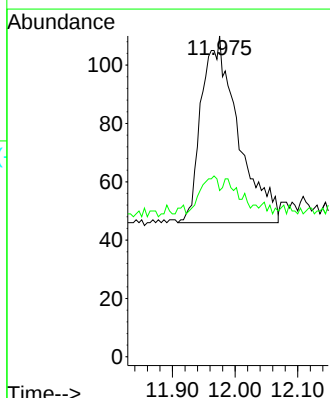
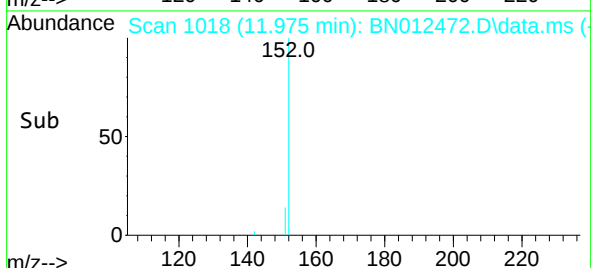
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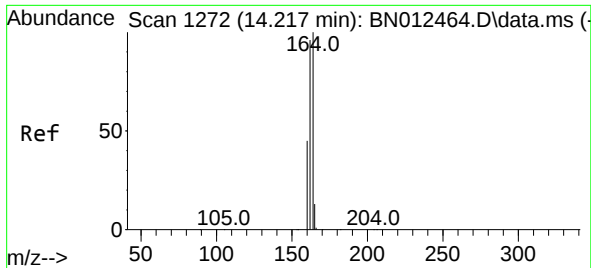


#11
2-Methylnaphthalene-d10
Concen: 0.06 ng
RT: 11.975 min Scan# 1018
Delta R.T. 0.036 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35



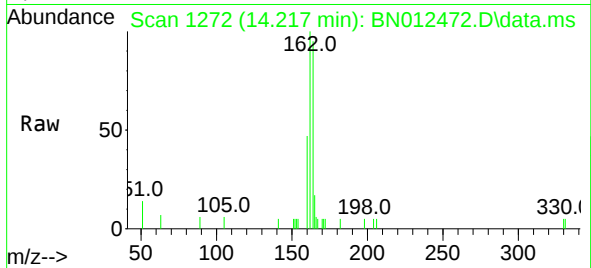
Tgt Ion: 152 Resp: 259
Ion Ratio Lower Upper
152 100
151 5.0 16.7 25.1#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

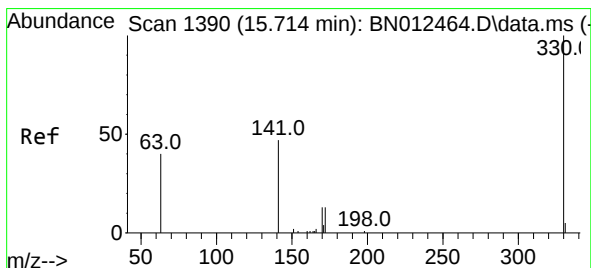
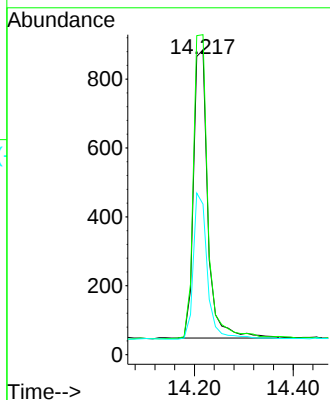
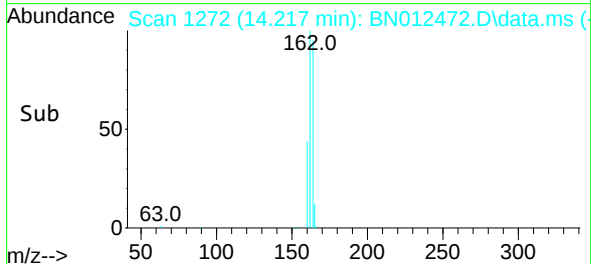
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL



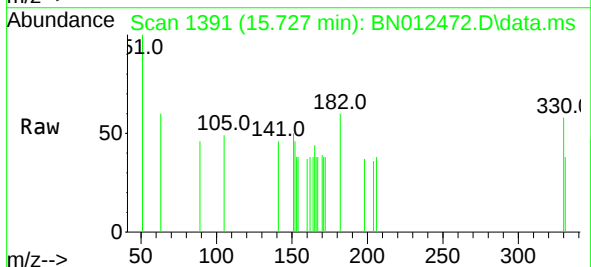
Tgt Ion:164 Resp: 1697
Ion Ratio Lower Upper
164 100
162 105.0 80.6 120.8
160 49.4 39.5 59.3

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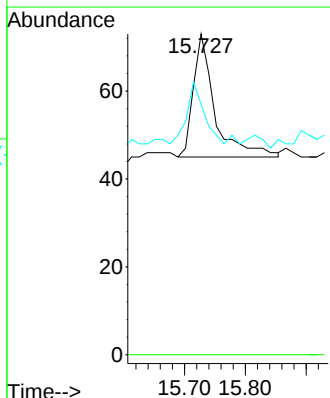
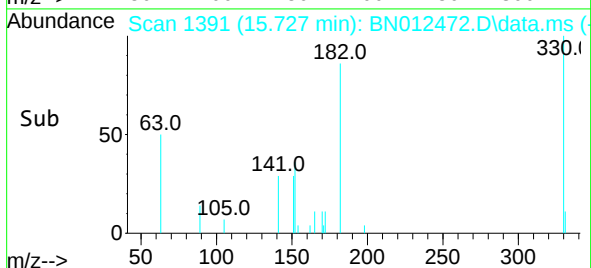
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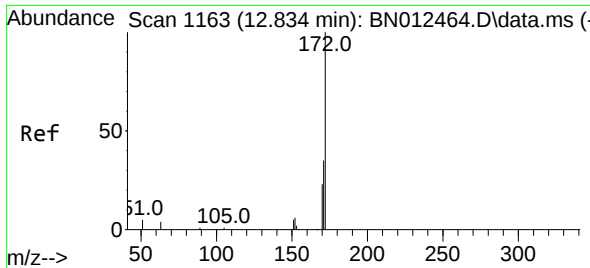


#14
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 15.727 min Scan# 1391
Delta R.T. 0.013 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

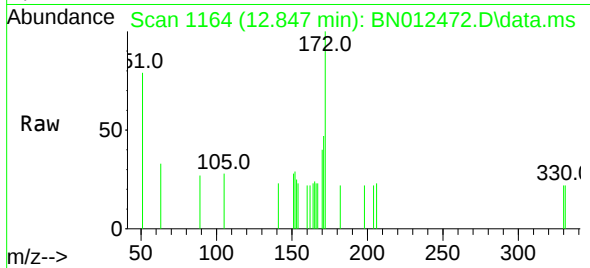


Tgt Ion:330 Resp: 69
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.8 34.4 51.6

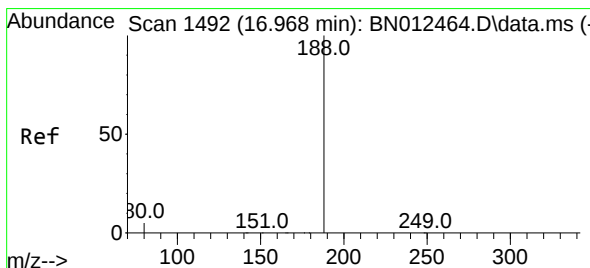
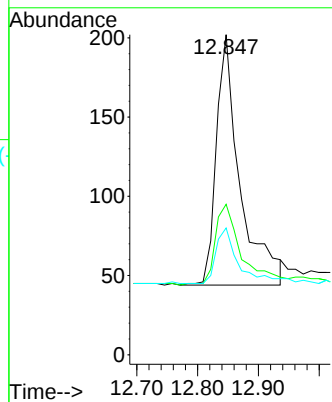
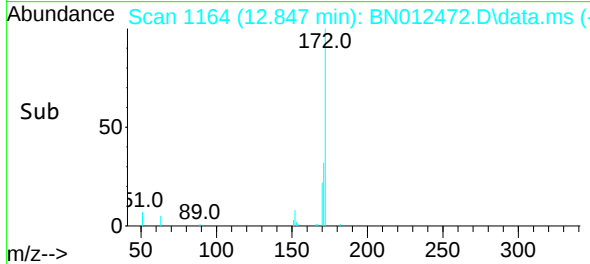




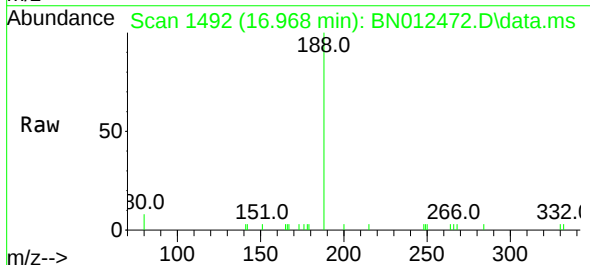
#15
2-Fluorobiphenyl
Concen: 0.07 ng
RT: 12.847 min Scan# 1164
Delta R.T. 0.013 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35



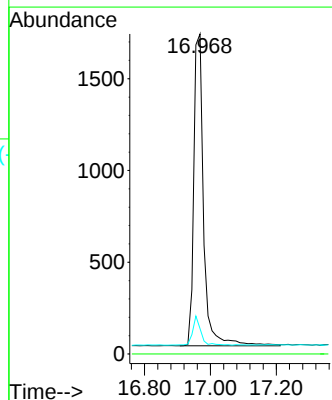
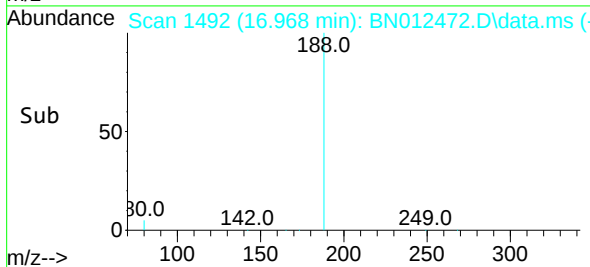
Tgt Ion:172 Resp: 427
Ion Ratio Lower Upper
172 100
171 47.0 28.2 42.4#
170 39.6 20.0 30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35



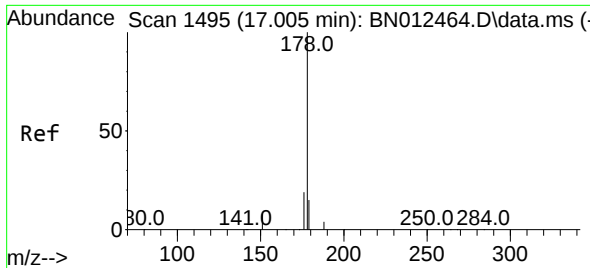
Tgt Ion:188 Resp: 3481
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 5.0 7.4#



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B308-B309-LOC1-SO-0001DL

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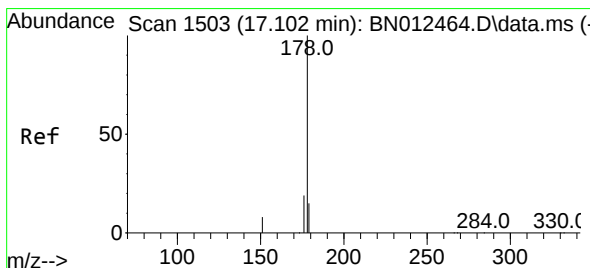
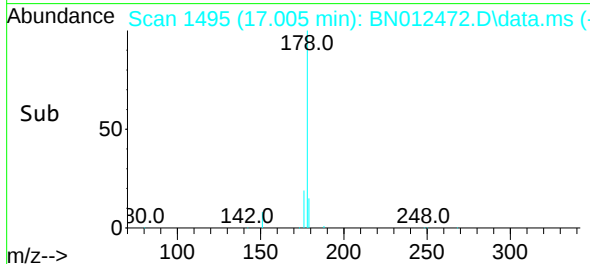
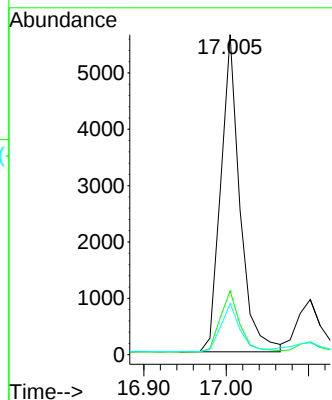
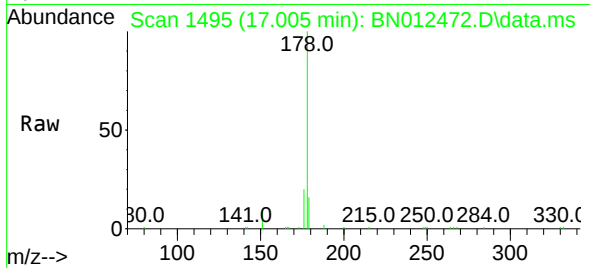
#25
Phenanthrene
Concen: 0.88 ng
RT: 17.005 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:	178	Resp:	9100
Ion Ratio	Lower	Upper	
178	100		
176	19.8	14.8	22.2
179	15.3	12.4	18.6

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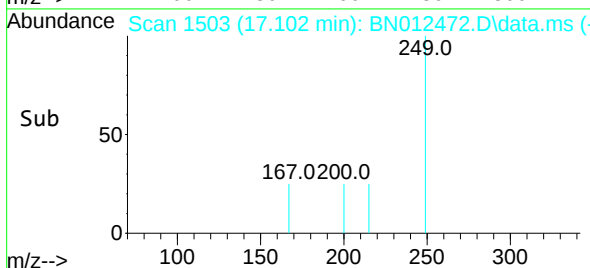
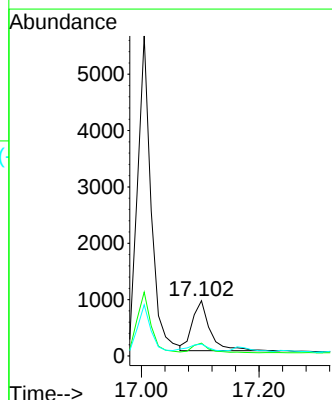
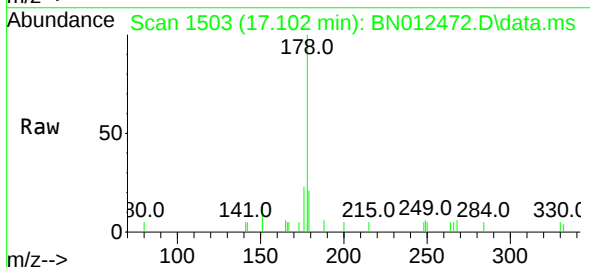
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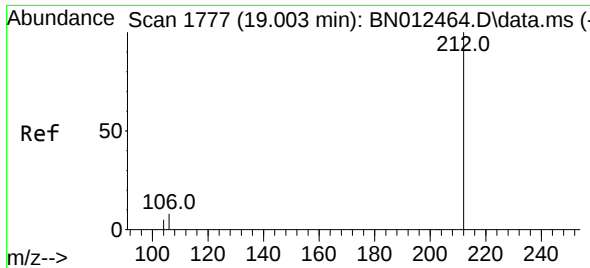
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#26
Anthracene
Concen: 0.19 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:	178	Resp:	1826
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.8	22.2
179	15.1	12.5	18.7





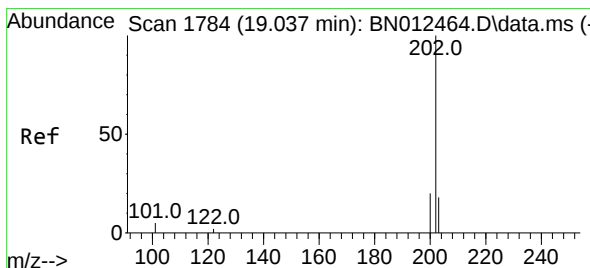
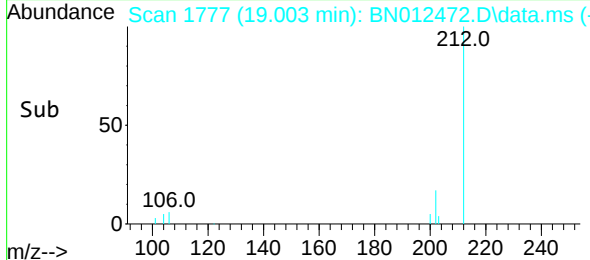
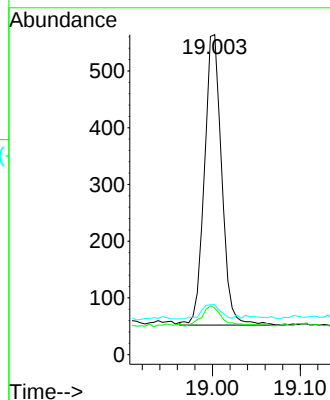
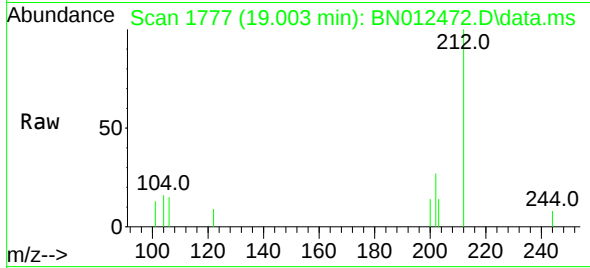
#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 19.003 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion	Ratio	Lower	Upper
212	100		
106	8.4	6.8	10.2
104	5.6	4.1	6.1

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B308-B309-LOC1-SO-0001DL

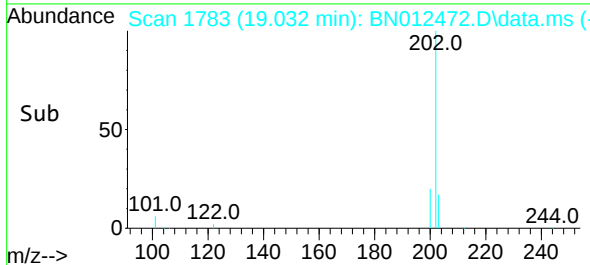
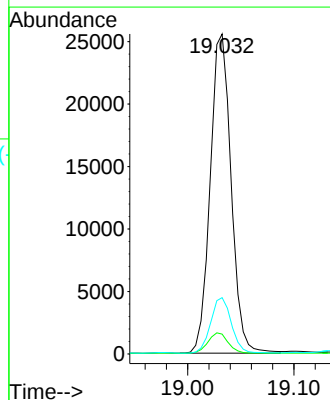
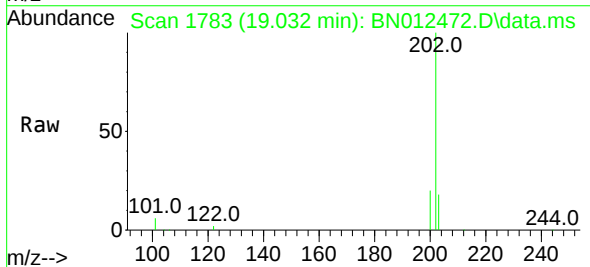
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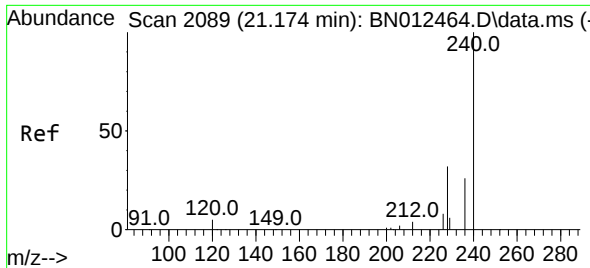
mohammad
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#28
Fluoranthene
Concen: 2.87 ng
RT: 19.032 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.8	8.6
203	17.3	13.7	20.5





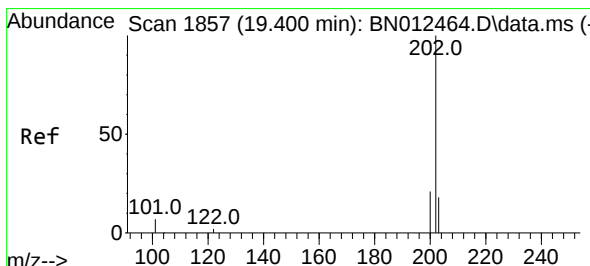
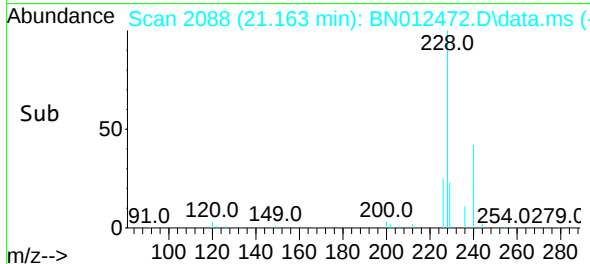
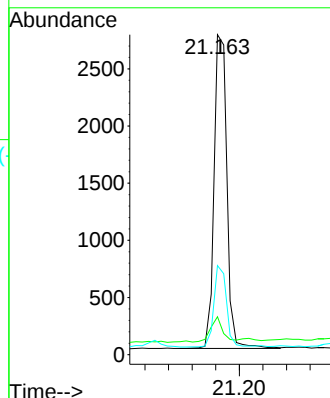
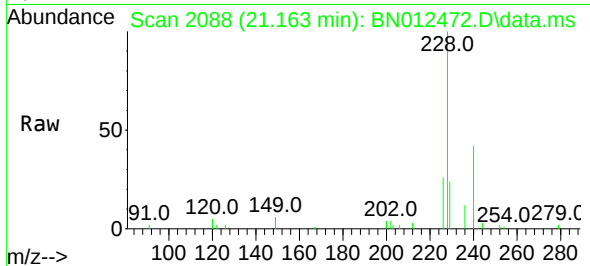
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.163 min Scan# 2088
Delta R.T. -0.011 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:240 Resp: 4146
Ion Ratio Lower Upper
240 100
120 11.8 5.3 7.9#
236 27.8 21.8 32.8

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

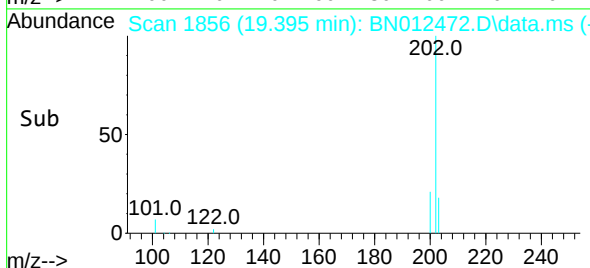
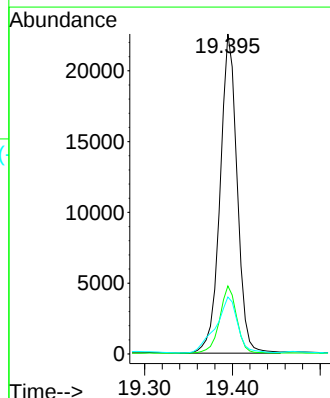
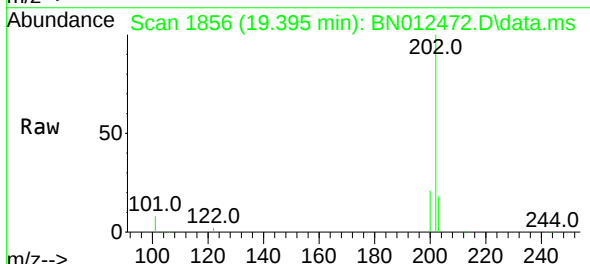
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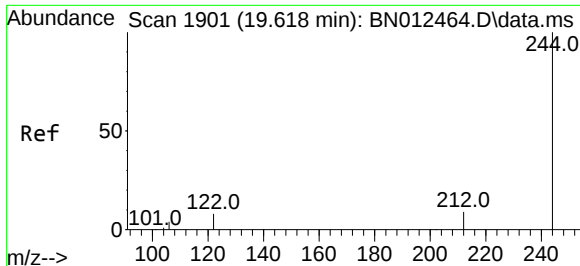
mohammad
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#30
Pyrene
Concen: 2.15 ng
RT: 19.395 min Scan# 1856
Delta R.T. -0.005 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

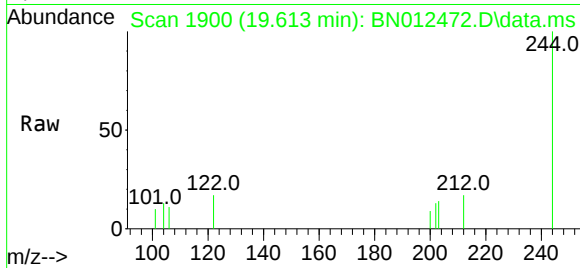
Tgt Ion:202 Resp: 30402
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 22.5 13.8 20.8#





#31
 Terphenyl-d14
 Concen: 0.08 ng
 RT: 19.613 min Scan# 1900
 Delta R.T. -0.005 min
 Lab File: BN012472.D
 Acq: 30 Oct 2020 16:35

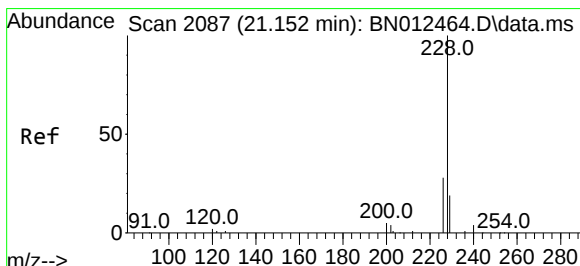
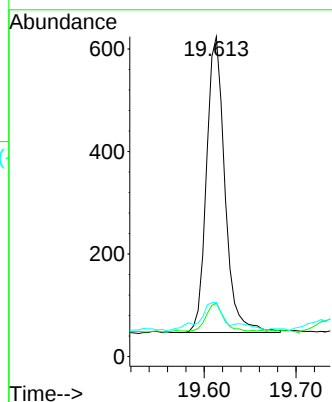
Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0001DL



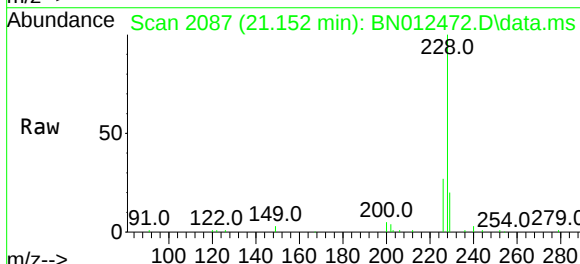
Tgt Ion:244 Resp: 803
 Ion Ratio Lower Upper
 244 100
 212 16.7 7.3 10.9#
 122 17.0 7.3 10.9#

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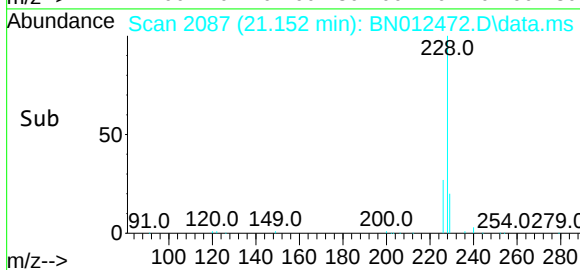
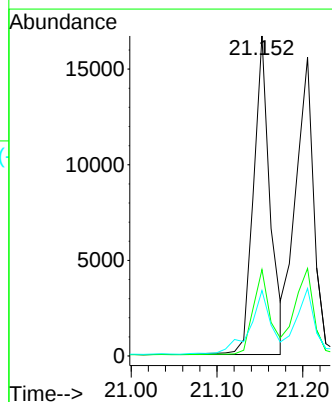
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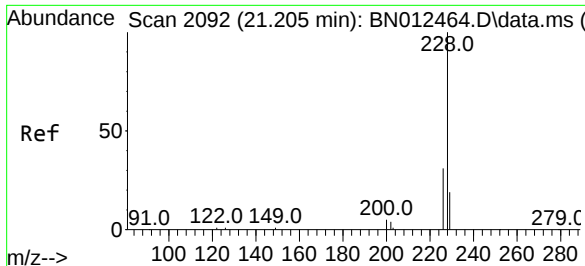


#32
 Benzo(a)anthracene
 Concen: 1.74 ng
 RT: 21.152 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: BN012472.D
 Acq: 30 Oct 2020 16:35



Tgt Ion:228 Resp: 22527
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.3 33.5
 229 20.5 15.7 23.5





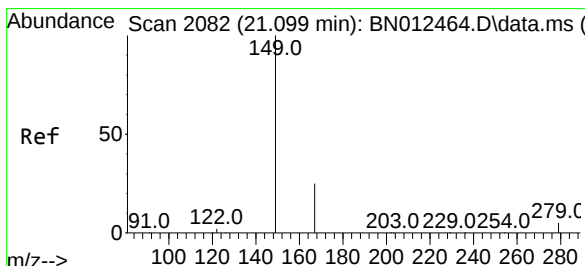
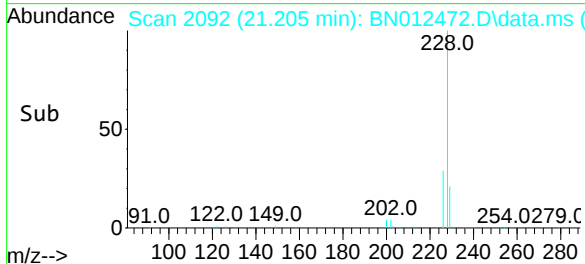
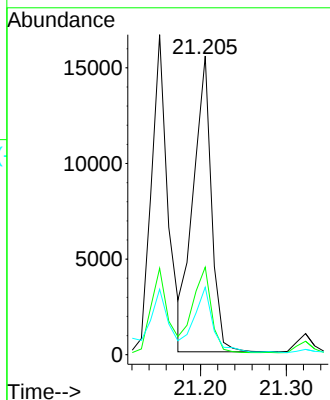
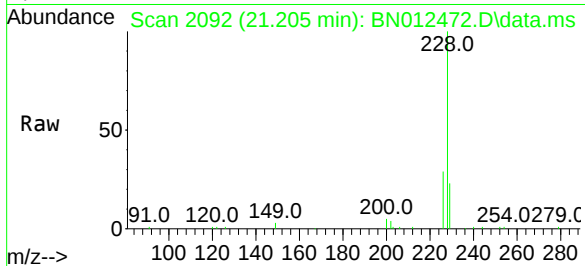
#33
Chrysene
Concen: 1.61 ng
RT: 21.205 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:	228	Resp:	22687
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.2	36.2
229	22.6	15.7	23.5

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

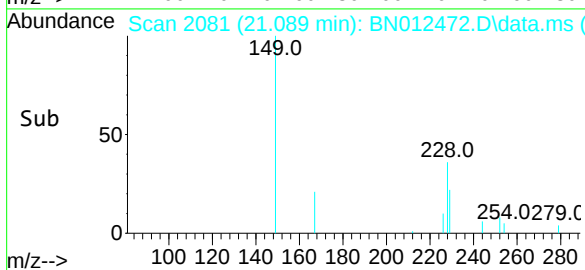
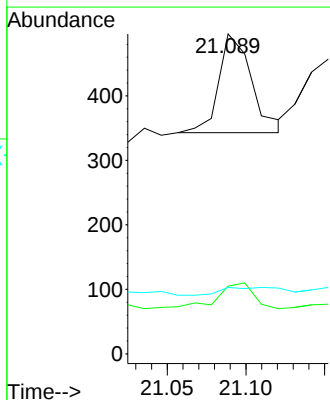
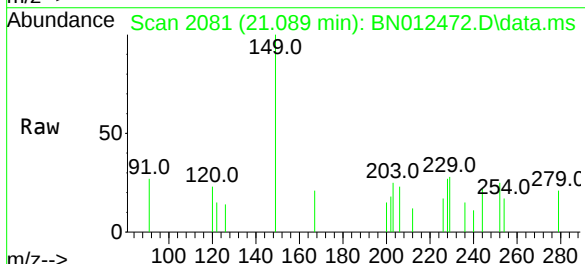
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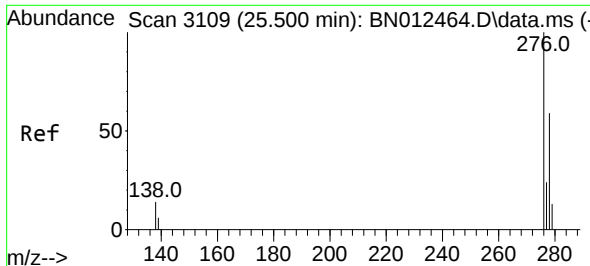
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#34
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.089 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:	149	Resp:	223
Ion Ratio	Lower	Upper	
149	100		
167	27.8	23.2	34.8
279	13.5	3.9	5.9#





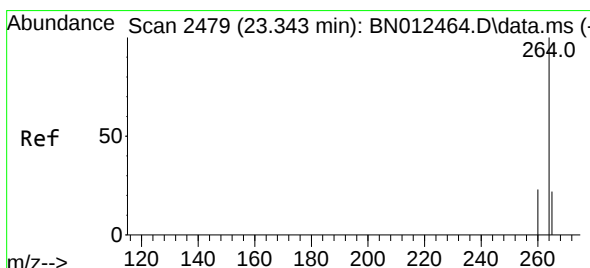
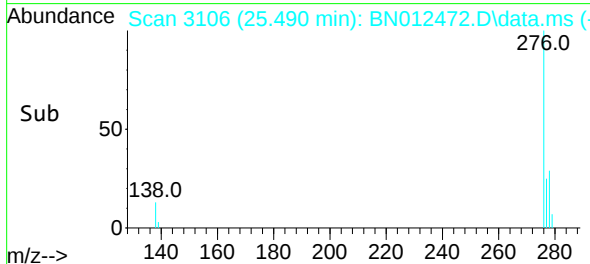
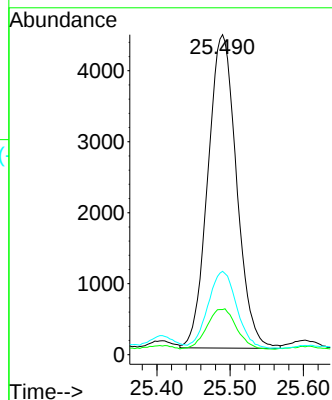
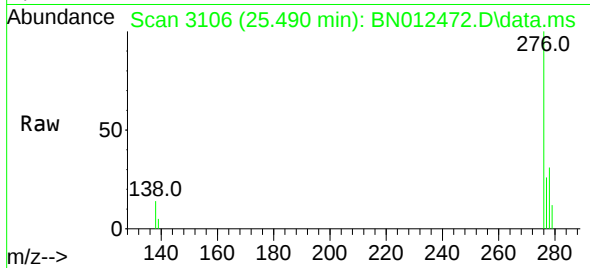
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.58 ng
RT: 25.490 min Scan# 3106
Delta R.T. -0.010 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion: 276 Resp: 12021
Ion Ratio Lower Upper
276 100
138 13.4 13.3 19.9
277 24.4 20.2 30.4

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

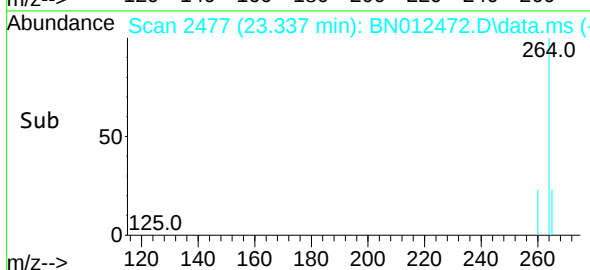
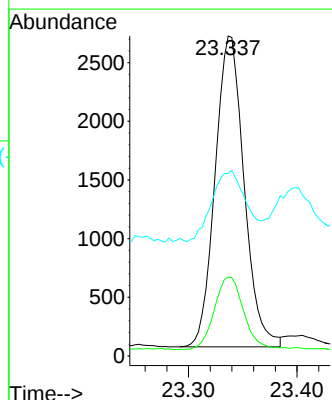
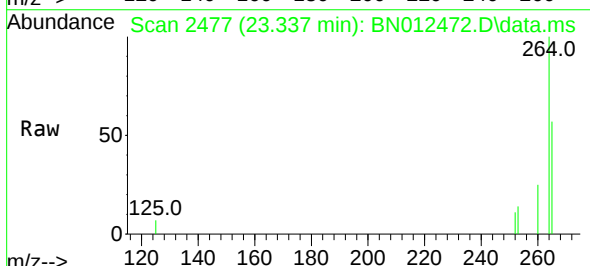
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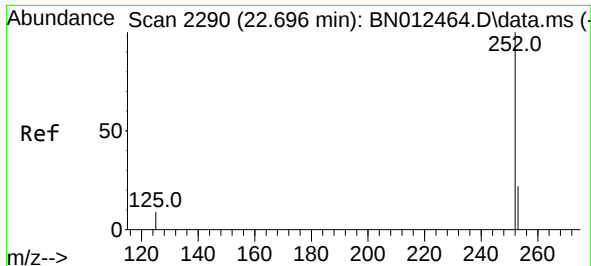
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#36
Perylene-d12
Concen: 0.40 ng
RT: 23.337 min Scan# 2477
Delta R.T. -0.007 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion: 264 Resp: 4919
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 57.0 51.4 77.0





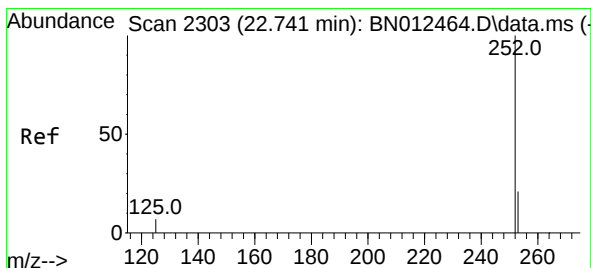
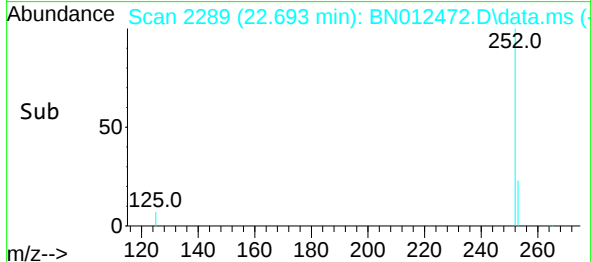
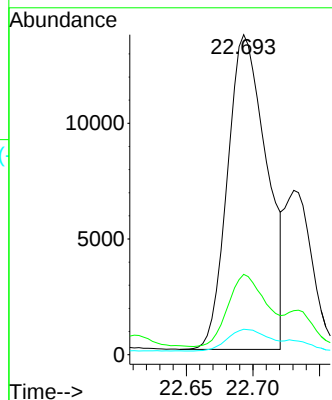
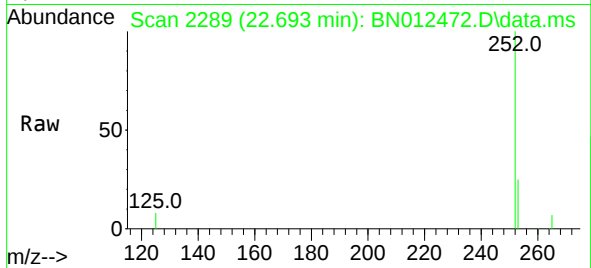
#37
Benzo(b)fluoranthene
Concen: 1.75 ng
RT: 22.693 min Scan# 2289
Delta R.T. -0.003 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:252 Resp: 27824
Ion Ratio Lower Upper
252 100
253 25.1 20.1 30.1
125 8.0 7.2 10.8

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

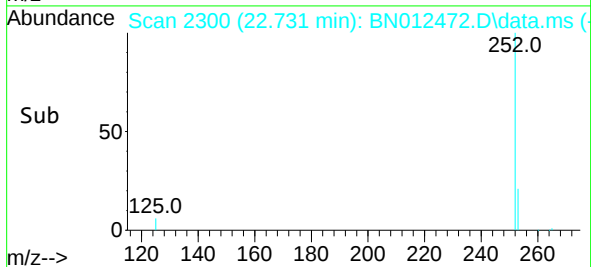
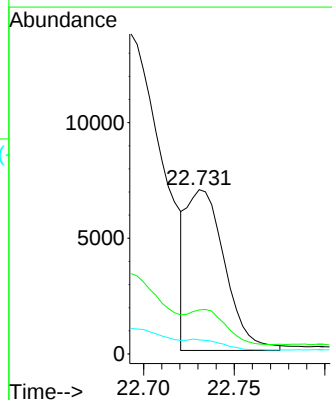
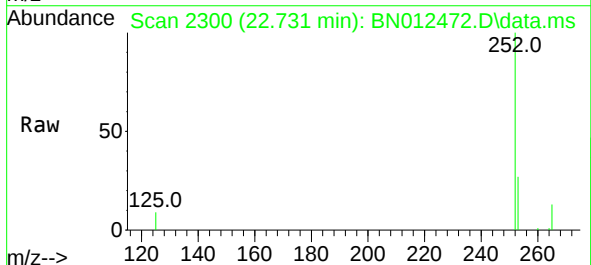
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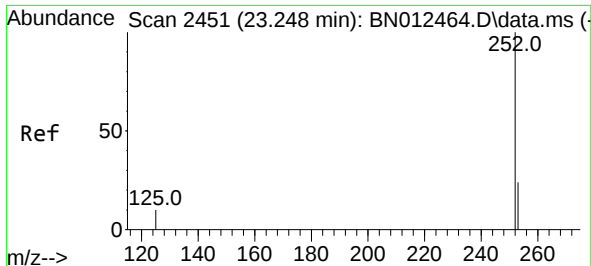
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#38
Benzo(k)fluoranthene
Concen: 0.61 ng m
RT: 22.731 min Scan# 2300
Delta R.T. -0.010 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:252 Resp: 10182
Ion Ratio Lower Upper
252 100
253 26.8 19.8 29.8
125 8.6 7.1 10.7





#39

Benzo(a)pyrene

Concen: 1.15 ng

RT: 23.241 min Scan# 2449

Delta R.T. -0.007 min

Lab File: BN012472.D

Acq: 30 Oct 2020 16:35

Tgt Ion:	252	Resp:	17367
Ion Ratio	Lower	Upper	
252	100		
253	25.4	21.3	31.9
125	9.2	8.3	12.5

Instrument :

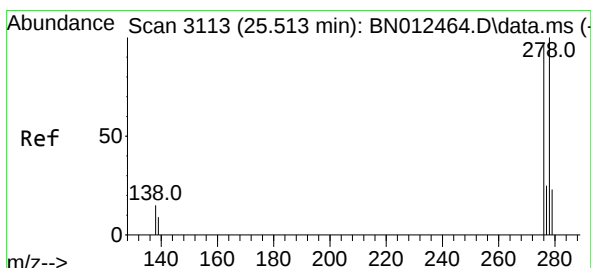
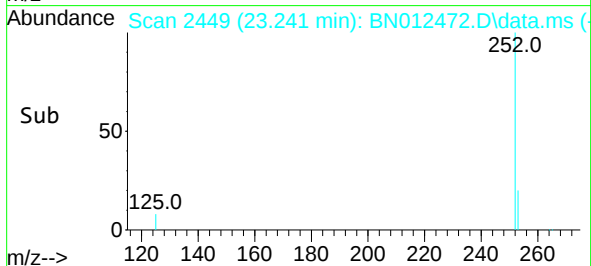
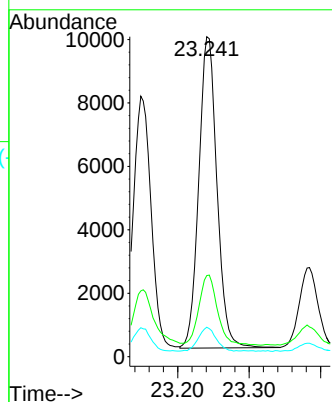
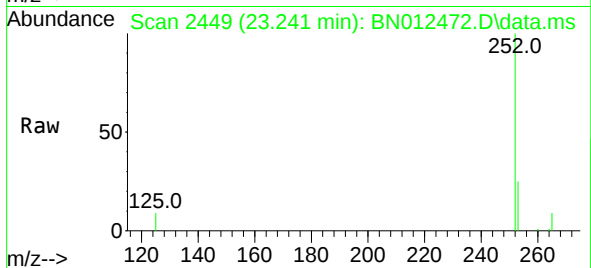
BNA_N

ClientSampleId :

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#40

Dibenzo(a,h)anthracene

Concen: 0.25 ng

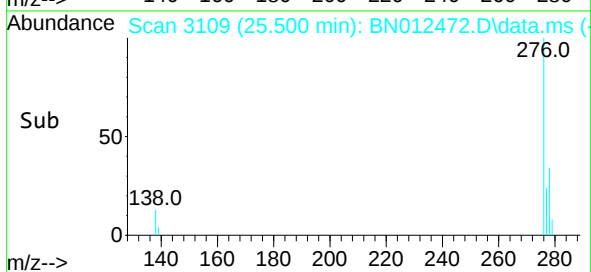
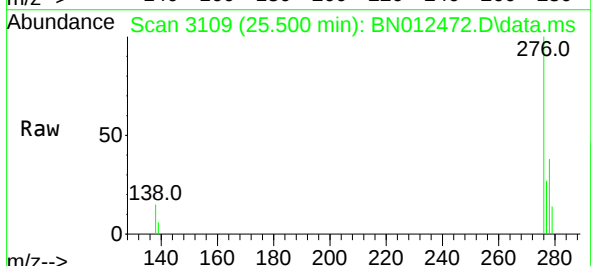
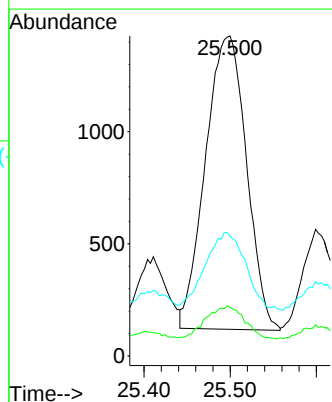
RT: 25.500 min Scan# 3109

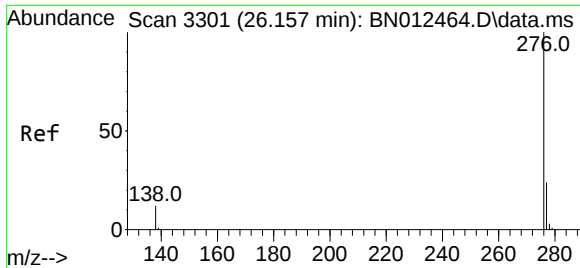
Delta R.T. -0.014 min

Lab File: BN012472.D

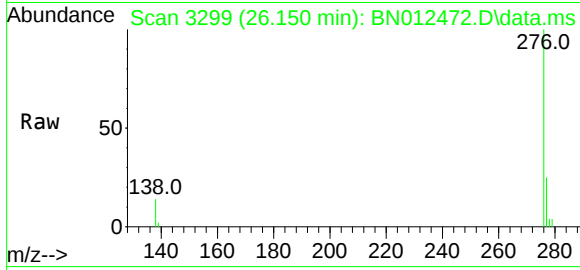
Acq: 30 Oct 2020 16:35

Tgt Ion:	278	Resp:	4328
Ion Ratio	Lower	Upper	
278	100		
139	15.2	9.3	13.9#
279	37.5	21.6	32.4#

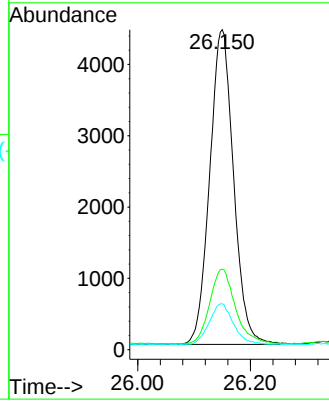
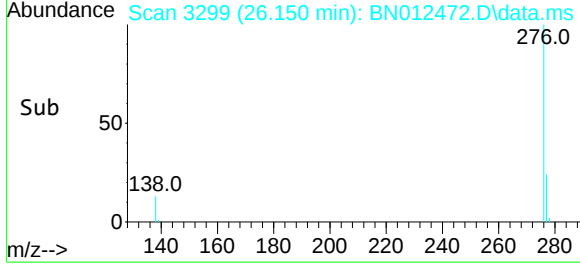




#41
Benzo(g,h,i)perylene
Concen: 0.72 ng
RT: 26.150 min Scan# 3299
Delta R.T. -0.007 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35



Tgt Ion:	276	Resp:	12964
Ion Ratio	Lower	Upper	
276	100		
277	25.1	19.8	29.8
138	14.3	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

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