

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103020\
 Data File : BN012473.D
 Acq On : 30 Oct 2020 17:12
 Operator : CG/JU
 Sample : L4561-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-LOC3-SO-0003DL

Manual Integrations
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Quant Time: Oct 30 17:40:17 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	814	0.40	ng	# 0.00
7) Naphthalene-d8	10.339	136	3319	0.40	ng	# 0.00
13) Acenaphthene-d10	14.205	164	1957	0.40	ng	-0.01
19) Phenanthrene-d10	16.956	188	3948	0.40	ng	#-0.01
29) Chrysene-d12	21.163	240	4442	0.40	ng	#-0.01
36) Perylene-d12	23.337	264	5381	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	160	0.06	ng	0.00
5) Phenol-d6	6.757	99	187	0.05	ng	0.00
8) Nitrobenzene-d5	8.742	82	203	0.05	ng	0.01
11) 2-Methylnaphthalene-d10	11.958	152	277	0.05	ng	0.02
14) 2,4,6-Tribromophenol	15.727	330	78	0.06	ng	0.01
15) 2-Fluorobiphenyl	12.834	172	437	0.06	ng	0.00
27) Fluoranthene-d10	19.003	212	690	0.06	ng	0.00
31) Terphenyl-d14	19.613	244	845	0.08	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.005	178	9259	0.79	ng	99
26) Anthracene	17.102	178	671	0.06	ng	# 79
28) Fluoranthene	19.032	202	42999	3.12	ng	99
30) Pyrene	19.395	202	38111	2.51	ng	# 96
32) Benzo(a)anthracene	21.152	228	17580	1.27	ng	99
33) Chrysene	21.206	228	22395	1.48	ng	97
34) Bis(2-ethylhexyl)phtha...	21.089	149	669	0.07	ng	# 88
35) Indeno(1,2,3-cd)pyrene	25.486	276	26862	1.22	ng	# 95
37) Benzo(b)fluoranthene	22.693	252	42374	2.44	ng	98
38) Benzo(k)fluoranthene	22.731	252	14254m	0.78	ng	
39) Benzo(a)pyrene	23.241	252	26391	1.59	ng	96
40) Dibenzo(a,h)anthracene	25.493	278	5438	0.29	ng	# 87
41) Benzo(g,h,i)perylene	26.147	276	28341	1.45	ng	100

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

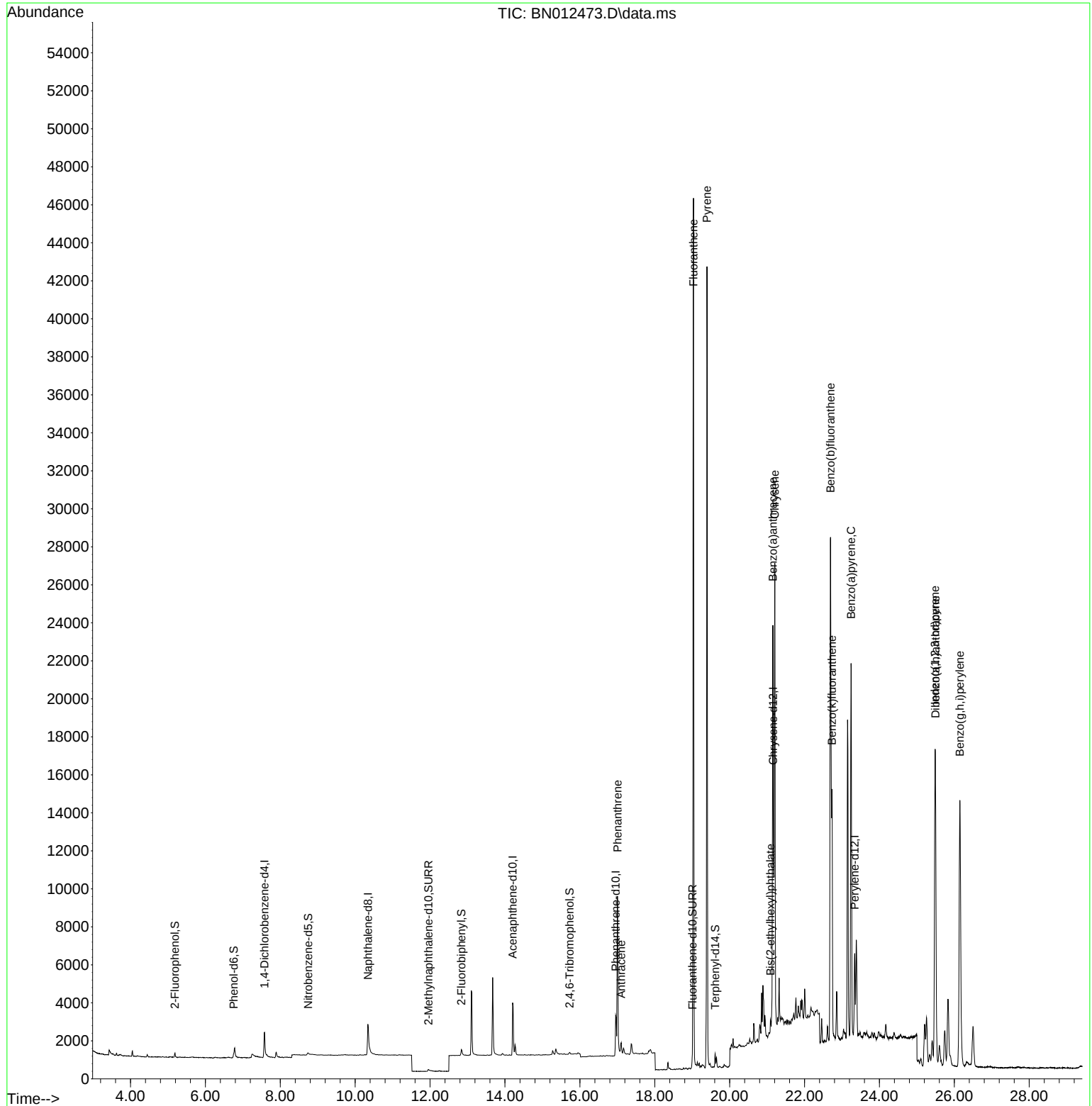
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103020\
Data File : BN012473.D
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Operator : CG/JU
Sample : L4561-03DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

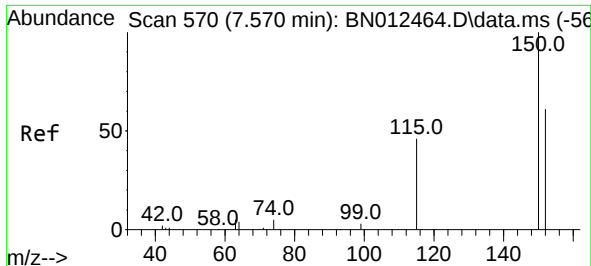
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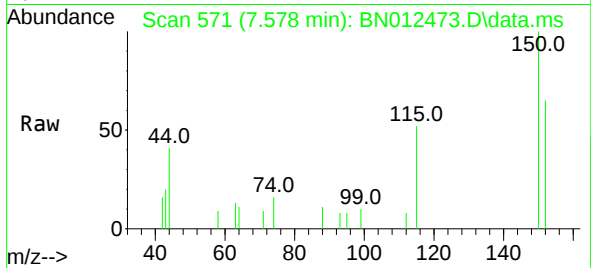
Quant Time: Oct 30 17:40:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 14:49:10 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.008 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

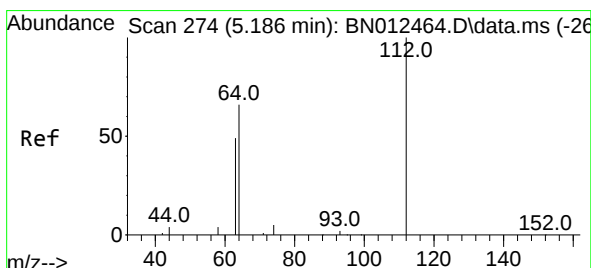
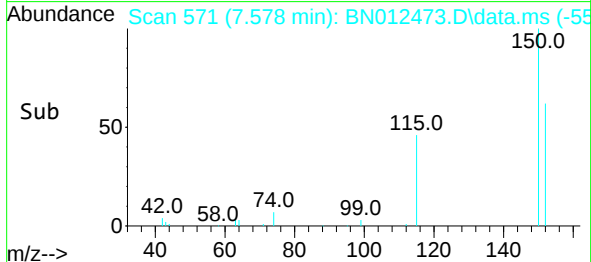
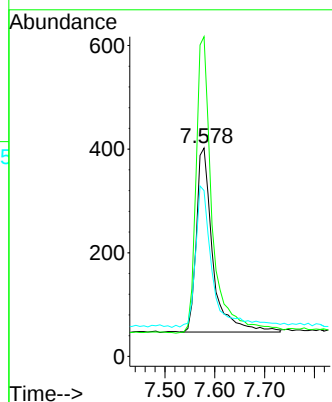
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL



Tgt Ion:152 Resp: 814
Ion Ratio Lower Upper
152 100
150 153.5 116.6 174.8
115 79.6 52.9 79.3#

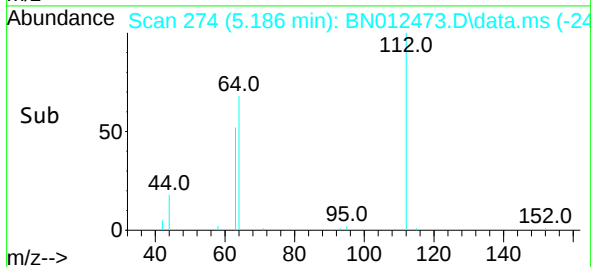
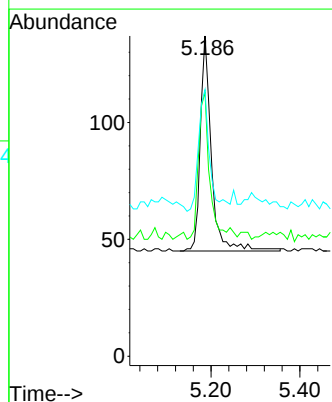
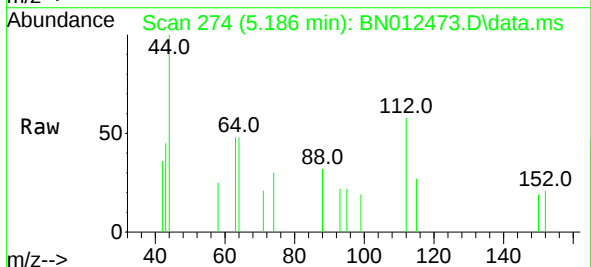
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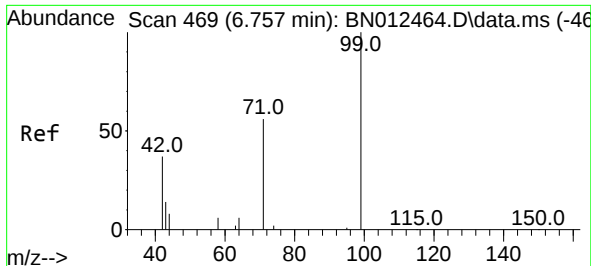
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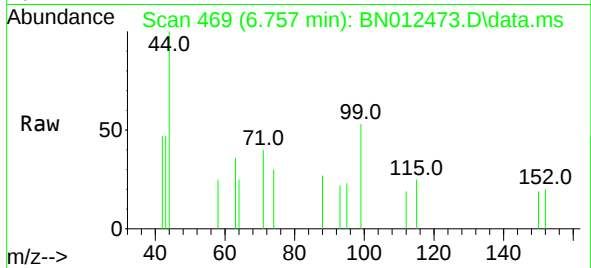
#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.186 min Scan# 274
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:112 Resp: 160
Ion Ratio Lower Upper
112 100
64 69.4 49.5 74.3
63 56.9 32.0 48.0#

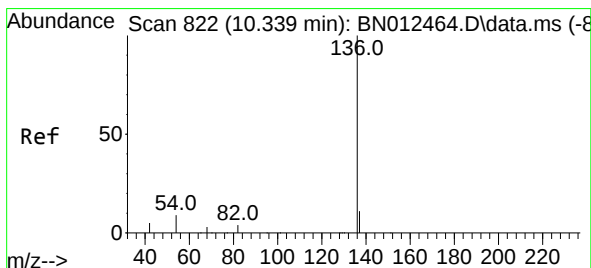
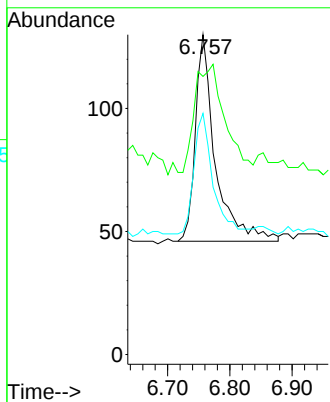
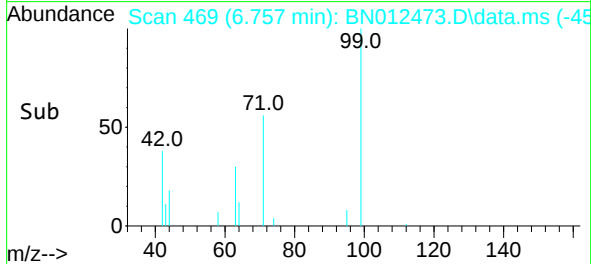




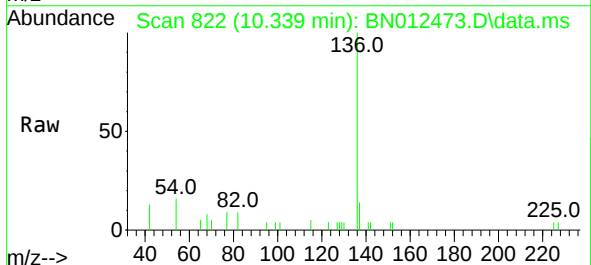
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Phenol-d6
Concen: 0.05 ng
RT: 6.757 min Scan# 469
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12



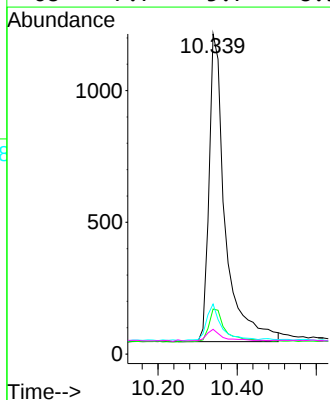
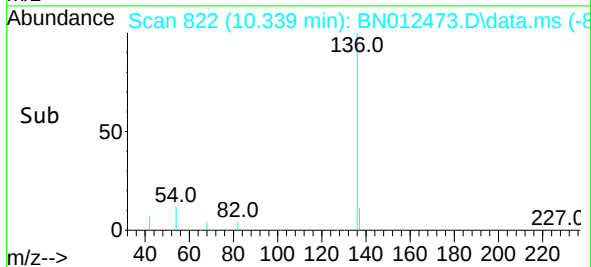
Tgt Ion: 99 Resp: 187
Ion Ratio Lower Upper
99 100
42 78.6 22.4 33.6#
71 55.1 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.339 min Scan# 822
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12



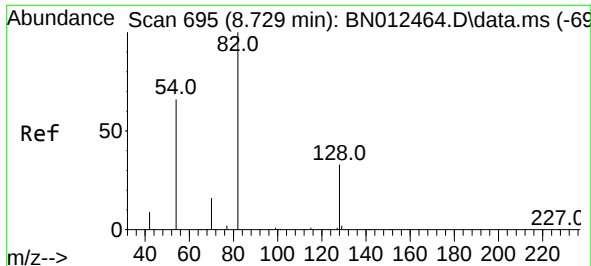
Tgt Ion: 136 Resp: 3319
Ion Ratio Lower Upper
136 100
137 14.1 10.6 15.8
54 15.6 8.6 12.8#
68 7.7 5.7 8.5



Instrument :
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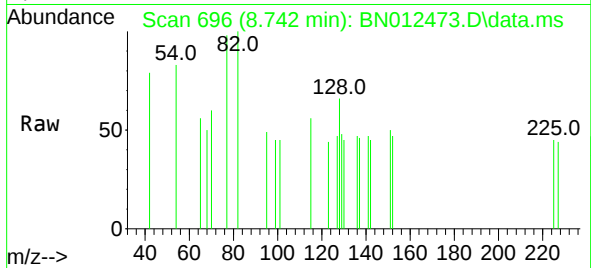
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#8
Nitrobenzene-d5
Concen: 0.05 ng
RT: 8.742 min Scan# 696
Delta R.T. 0.013 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

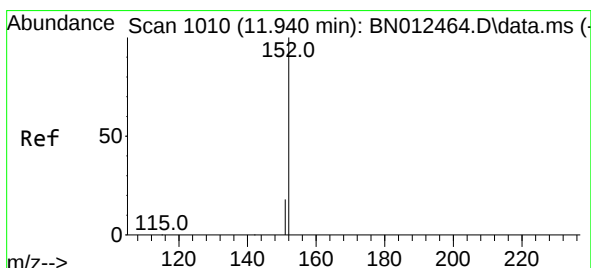
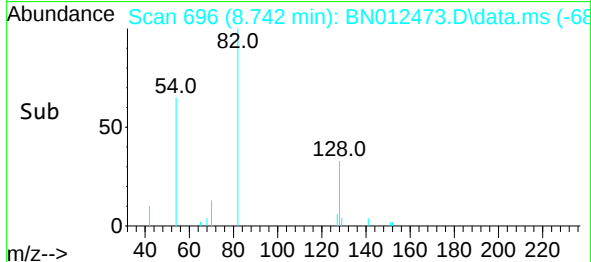
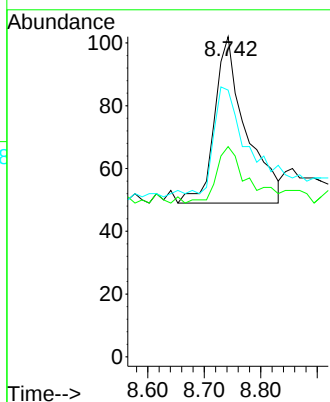
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL



Tgt Ion	Ratio	Lower	Upper
82	100		
128	65.7	30.6	46.0#
54	83.3	48.3	72.5#

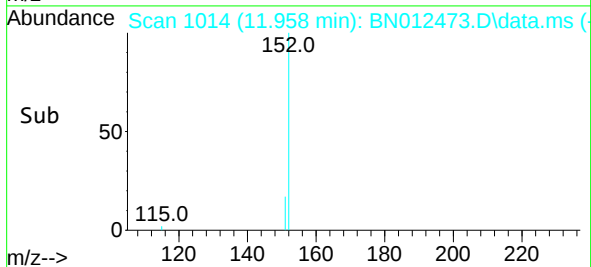
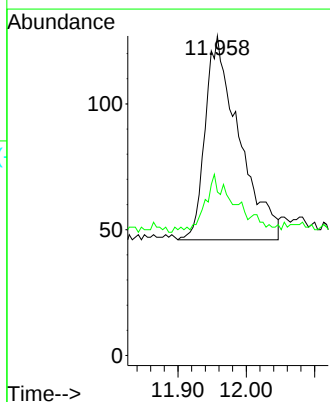
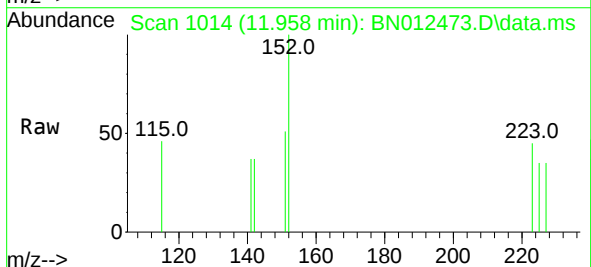
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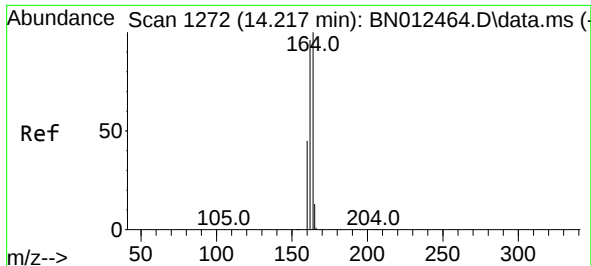
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#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 11.958 min Scan# 1014
Delta R.T. 0.018 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

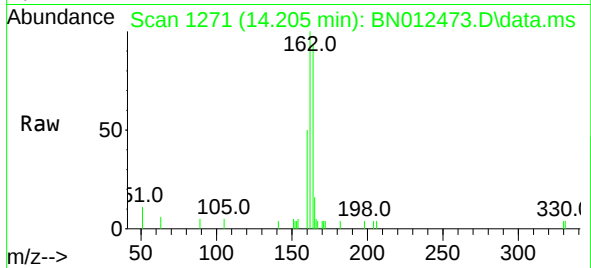
Tgt Ion	Ratio	Lower	Upper
152	100		
151	10.5	16.7	25.1#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.205 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

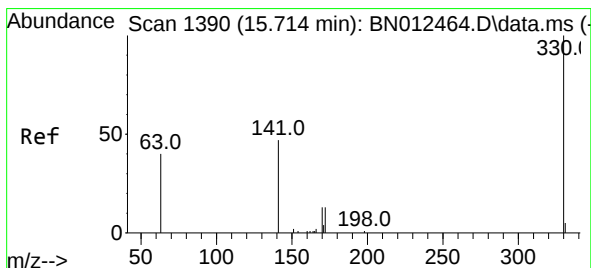
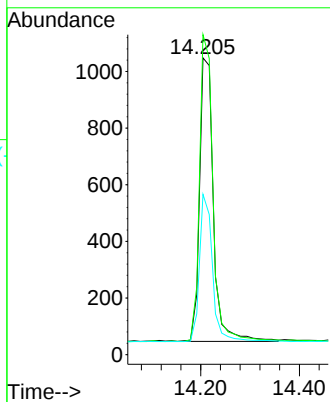
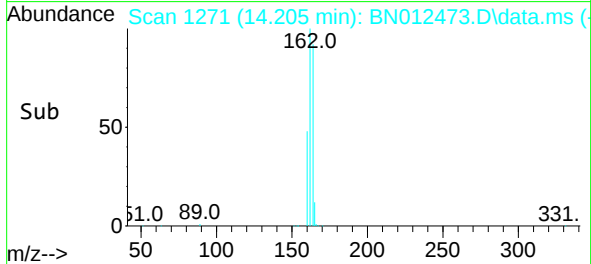
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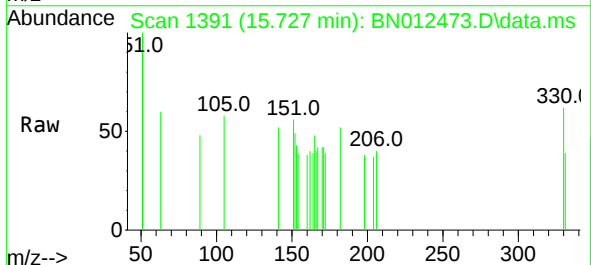
Tgt Ion:164 Resp: 1957
Ion Ratio Lower Upper
164 100
162 107.8 80.6 120.8
160 54.0 39.5 59.3

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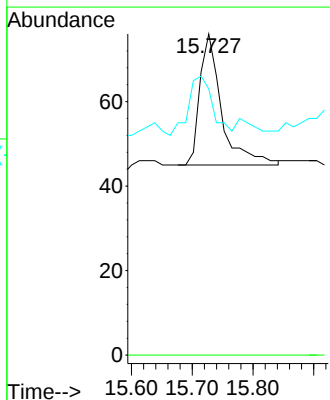
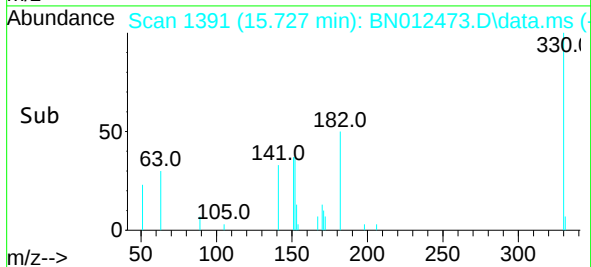
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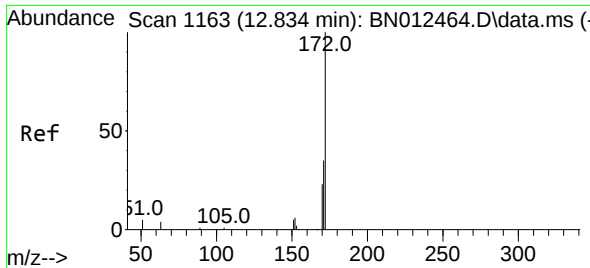


#14
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 15.727 min Scan# 1391
Delta R.T. 0.013 min
Lab File: BN012473.D
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Tgt Ion:330 Resp: 78
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.0 34.4 51.6





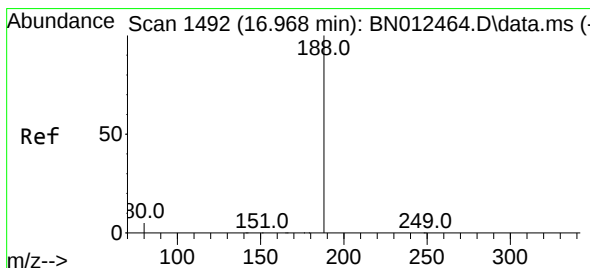
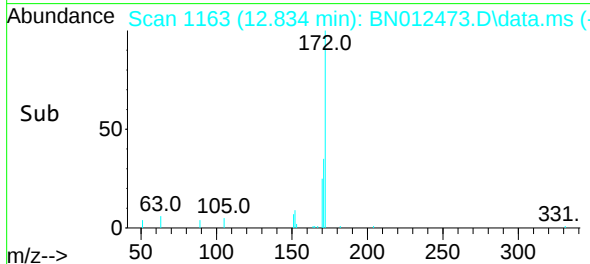
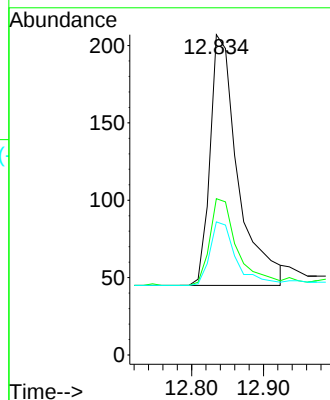
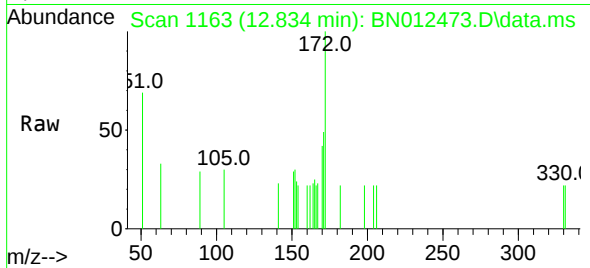
#15
2-Fluorobiphenyl
Concen: 0.06 ng
RT: 12.834 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:172 Resp: 437
Ion Ratio Lower Upper
172 100
171 48.8 28.2 42.4#
170 41.5 20.0 30.0#

Instrument :
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STOCKPILE-LOC3-SO-0003DL

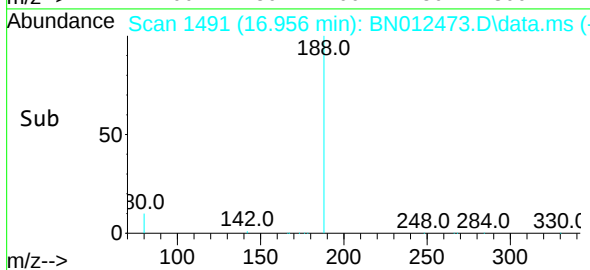
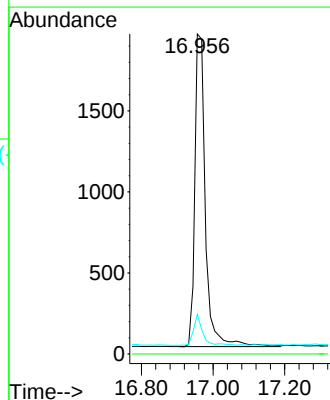
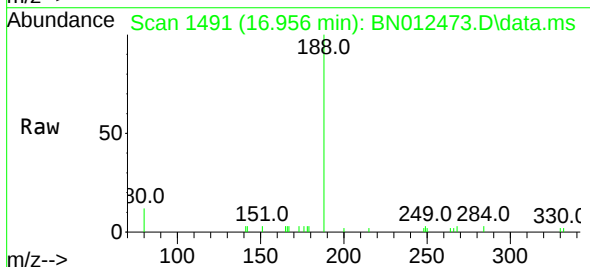
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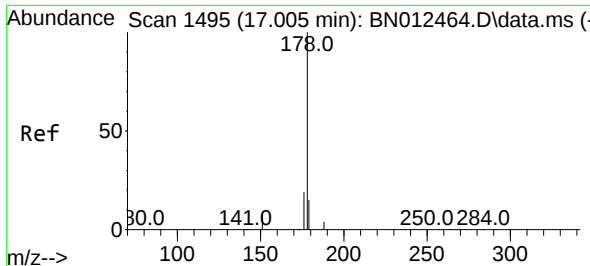
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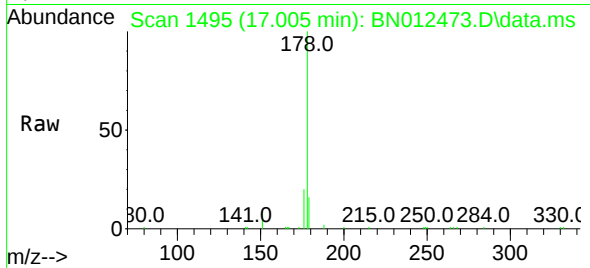
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.956 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:188 Resp: 3948
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 5.0 7.4#

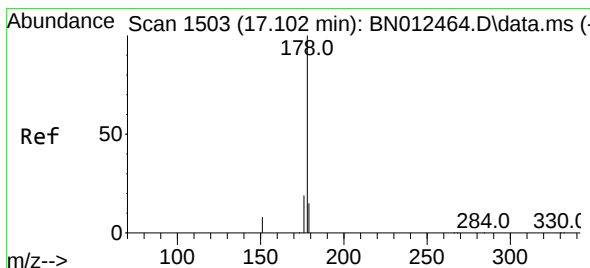
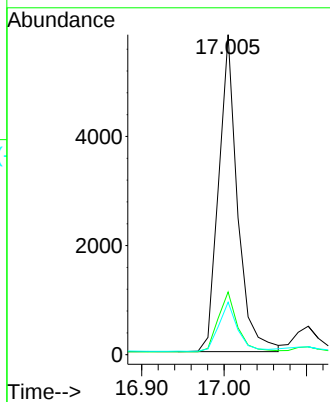
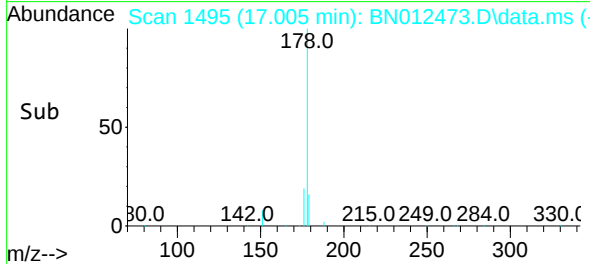




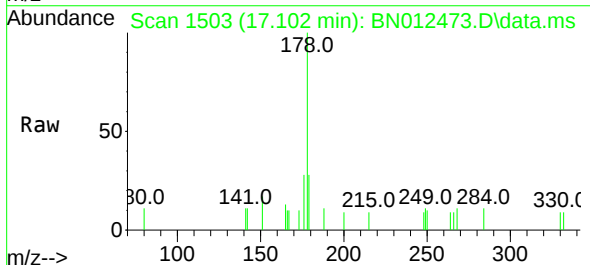
#25
Phenanthrene
Concen: 0.79 ng
RT: 17.005 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12



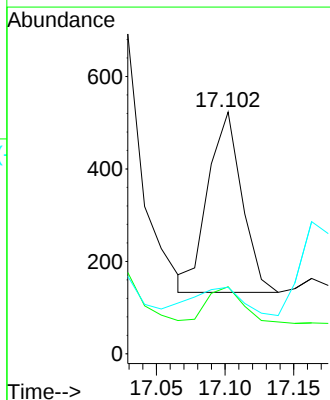
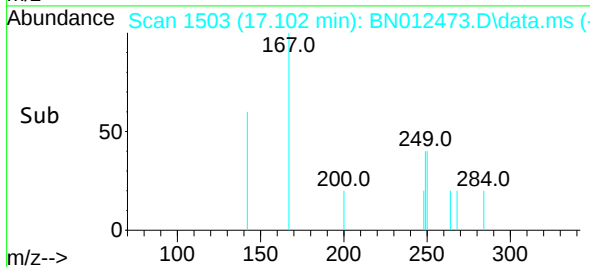
Tgt Ion:178 Resp: 9259
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 15.5 12.4 18.6



#26
Anthracene
Concen: 0.06 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12



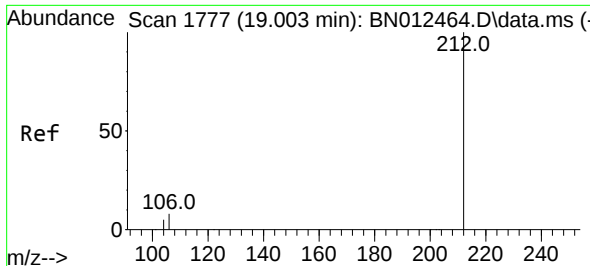
Tgt Ion:178 Resp: 671
Ion Ratio Lower Upper
178 100
176 29.1 14.8 22.2#
179 23.4 12.5 18.7#



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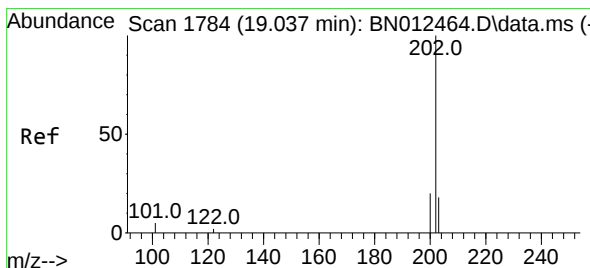
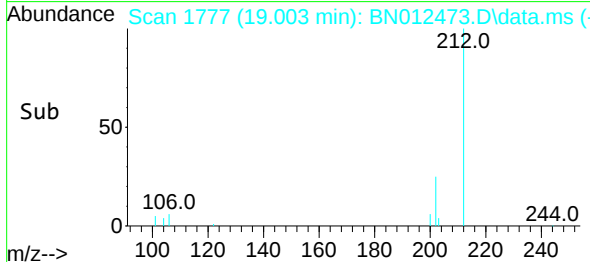
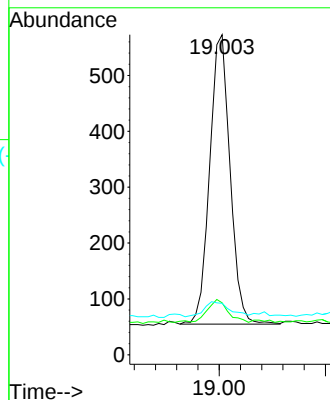
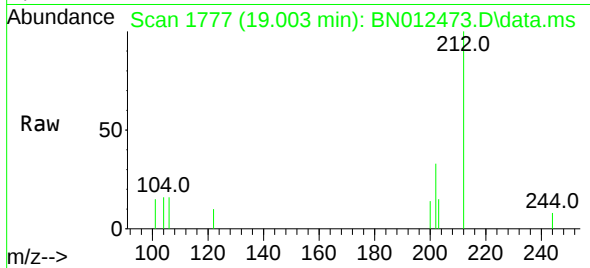
#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 19.003 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:212 Resp: 690
Ion Ratio Lower Upper
212 100
106 8.0 6.8 10.2
104 6.5 4.1 6.1#

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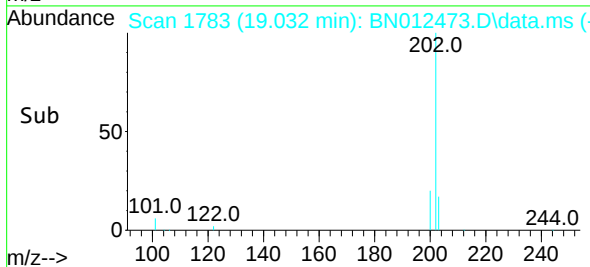
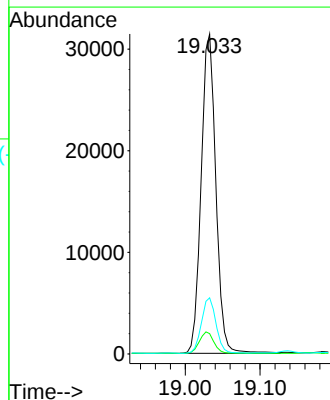
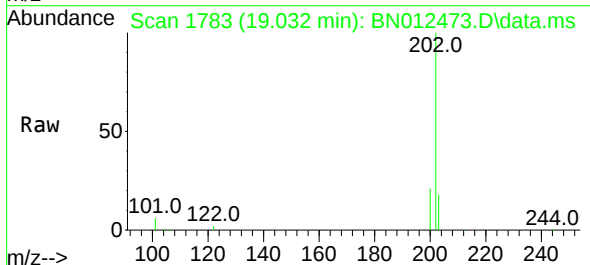
Manual Integrations
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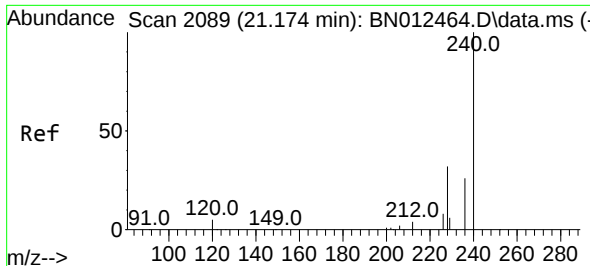
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#28
Fluoranthene
Concen: 3.12 ng
RT: 19.032 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:202 Resp: 42999
Ion Ratio Lower Upper
202 100
101 6.7 5.8 8.6
203 17.2 13.7 20.5





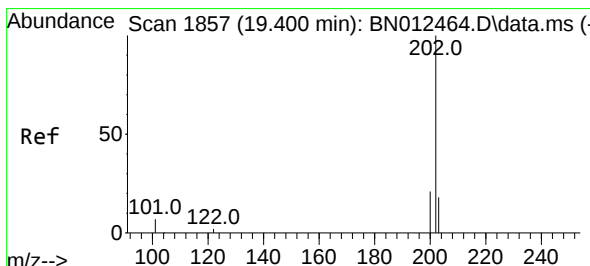
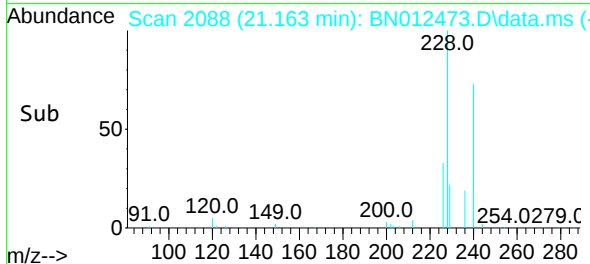
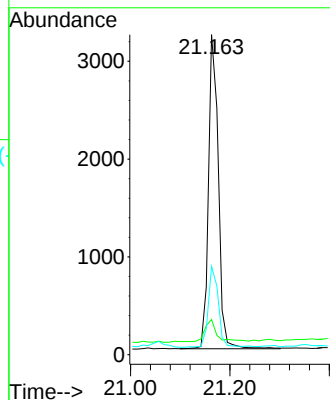
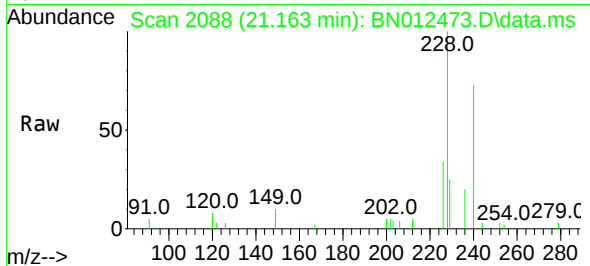
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.163 min Scan# 2088
Delta R.T. -0.010 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:240 Resp: 4442
Ion Ratio Lower Upper
240 100
120 11.0 5.3 7.9#
236 27.6 21.8 32.8

Instrument :
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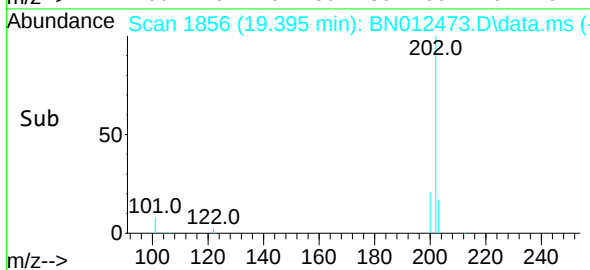
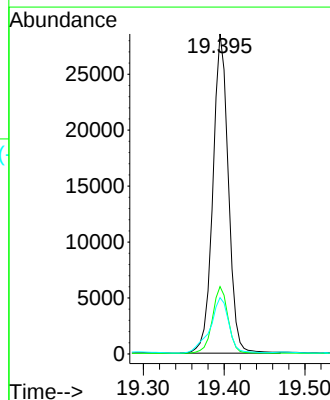
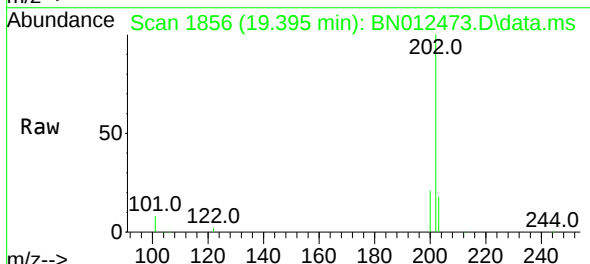
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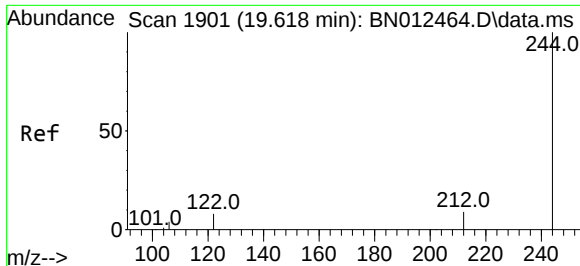
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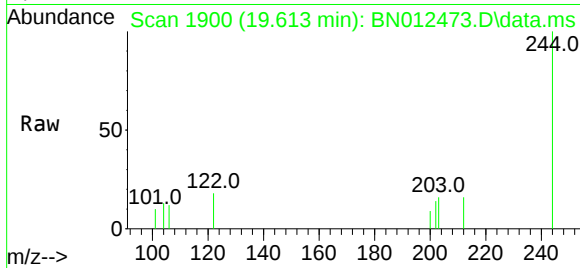
#30
Pyrene
Concen: 2.51 ng
RT: 19.395 min Scan# 1856
Delta R.T. -0.005 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:202 Resp: 38111
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 21.1 13.8 20.8#

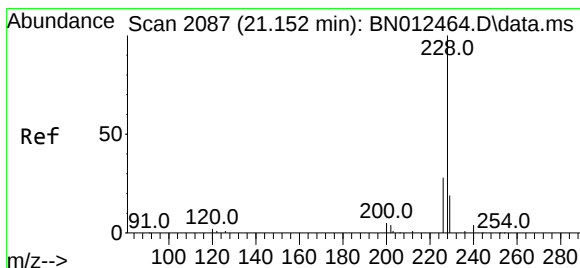
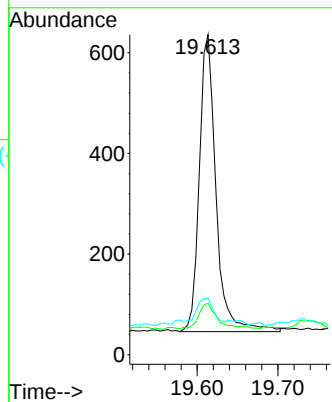
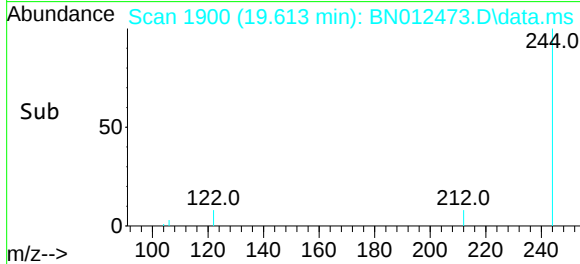




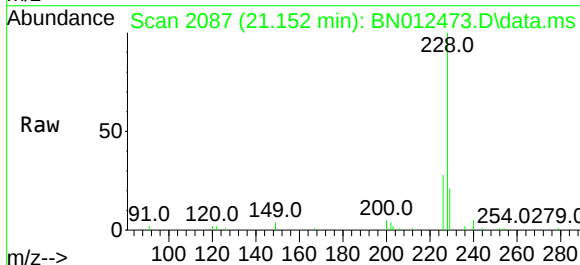
#31
 Terphenyl-d14
 Concen: 0.08 ng
 RT: 19.613 min Scan# 1900
 Delta R.T. -0.005 min
 Lab File: BN012473.D
 Acq: 30 Oct 2020 17:12



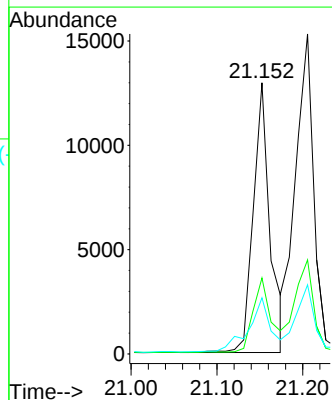
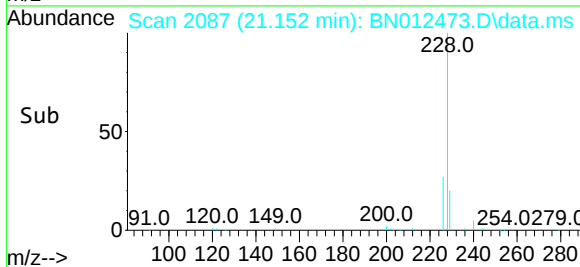
Tgt Ion:244 Resp: 845
 Ion Ratio Lower Upper
 244 100
 212 16.0 7.3 10.9#
 122 17.6 7.3 10.9#



#32
 Benzo(a)anthracene
 Concen: 1.27 ng
 RT: 21.152 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: BN012473.D
 Acq: 30 Oct 2020 17:12



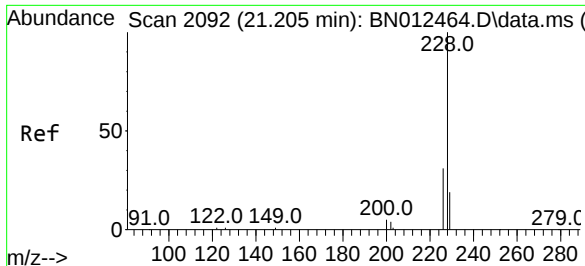
Tgt Ion:228 Resp: 17580
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.3 33.5
 229 20.7 15.7 23.5



Instrument :
 BNA_N
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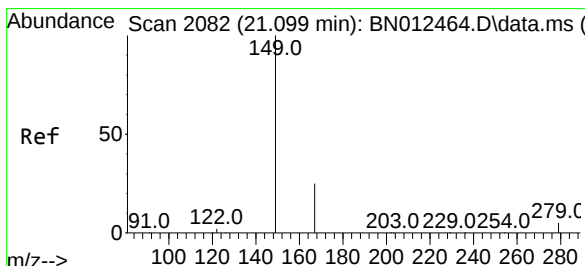
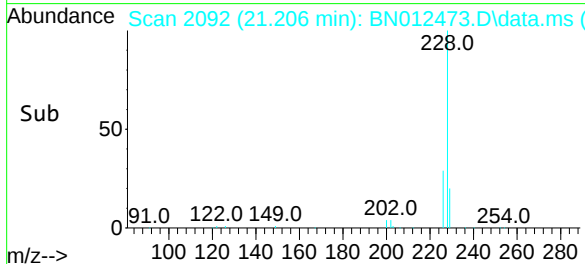
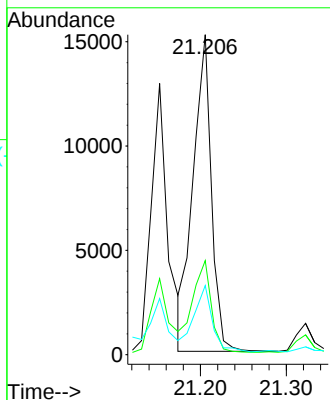
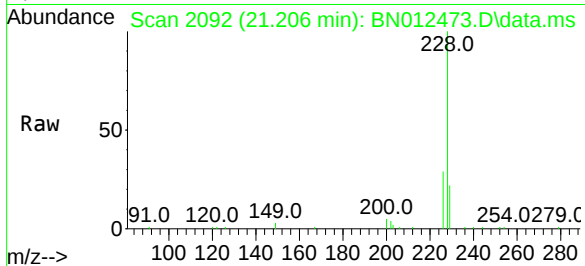
#33
Chrysene
Concen: 1.48 ng
RT: 21.206 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:	228	Resp:	22395
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.2	36.2
229	21.6	15.7	23.5

Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL

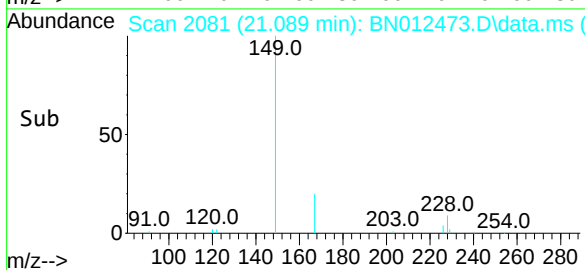
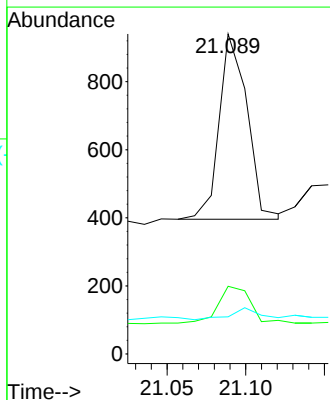
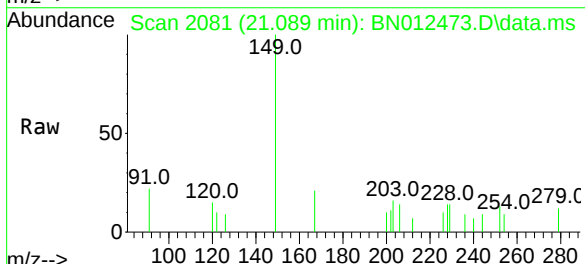
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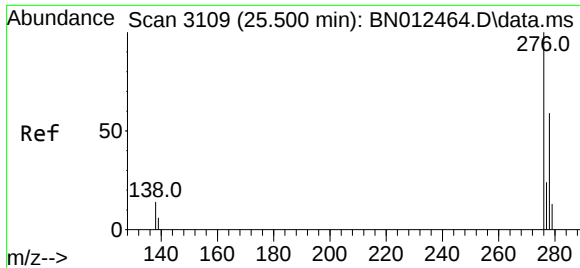
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#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.089 min Scan# 2081
Delta R.T. -0.010 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:	149	Resp:	669
Ion Ratio	Lower	Upper	
149	100		
167	22.0	23.2	34.8#
279	6.6	3.9	5.9#





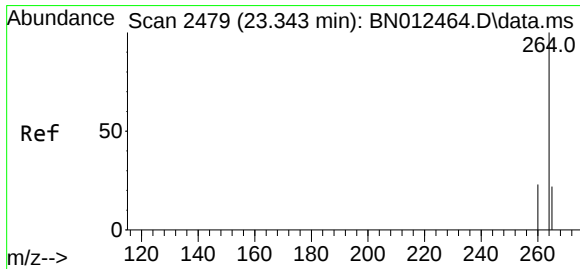
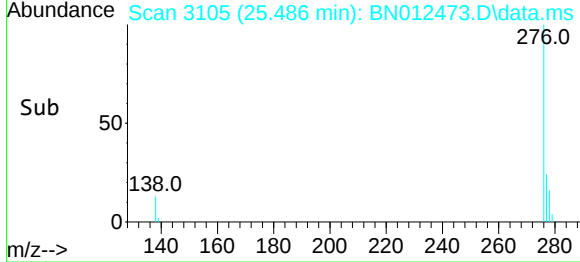
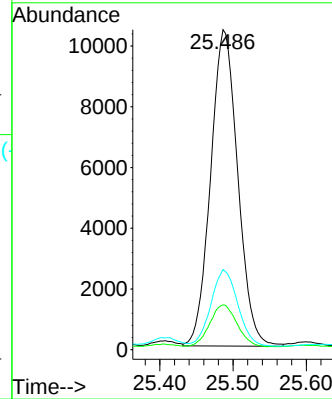
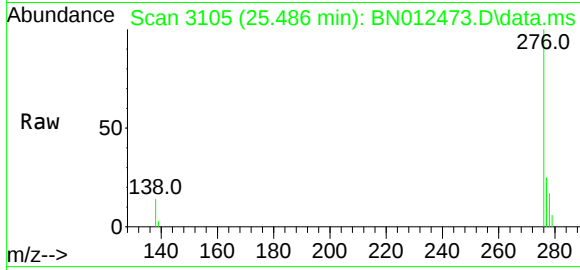
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 1.22 ng
 RT: 25.486 min Scan# 3105
 Delta R.T. -0.014 min
 Lab File: BN012473.D
 Acq: 30 Oct 2020 17:12

Tgt Ion:	276	Resp:	26862
Ion Ratio	Lower	Upper	
276	100		
138	13.2	13.3	19.9#
277	24.0	20.2	30.4

Instrument :
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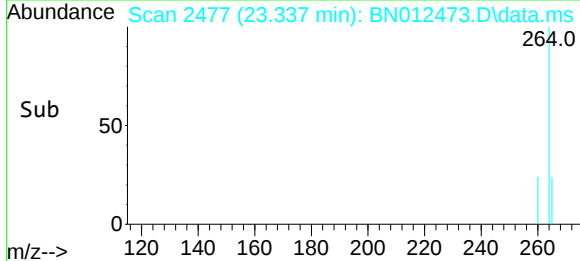
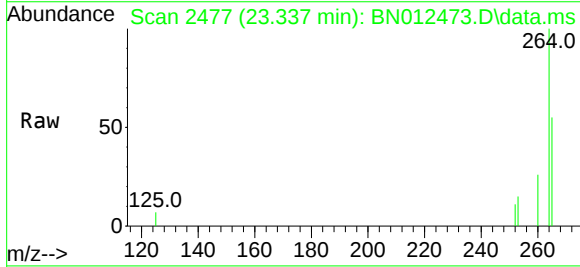
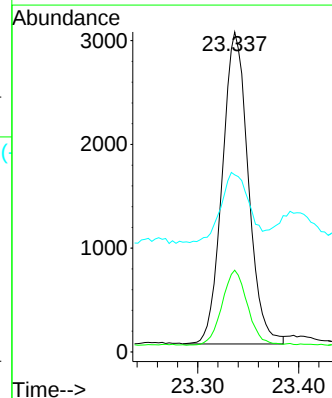
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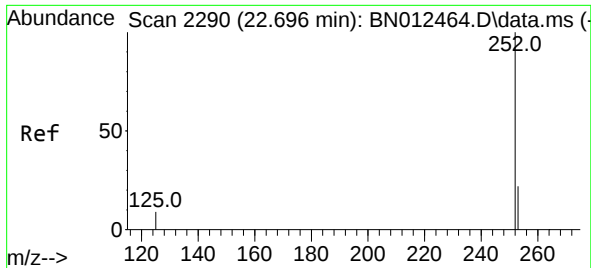
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#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.337 min Scan# 2477
 Delta R.T. -0.007 min
 Lab File: BN012473.D
 Acq: 30 Oct 2020 17:12

Tgt Ion:	264	Resp:	5381
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.8	29.6
265	55.4	51.4	77.0





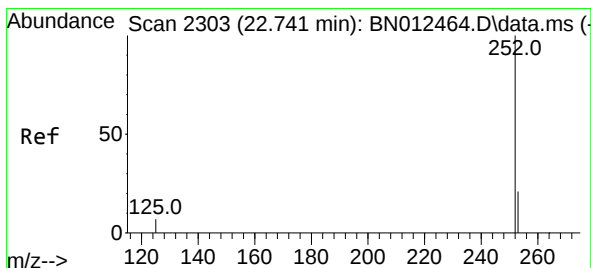
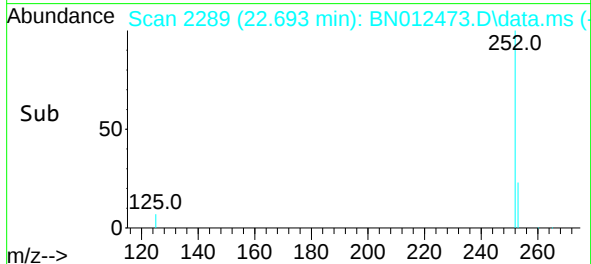
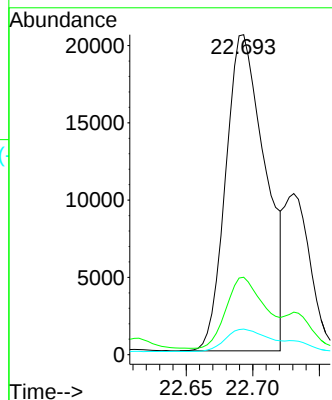
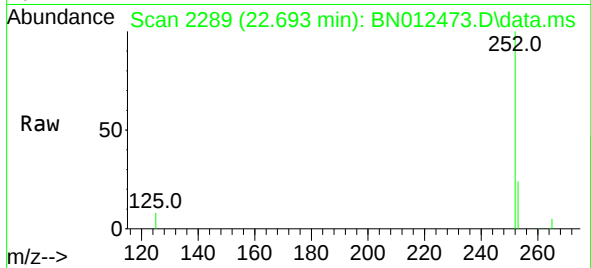
#37
Benzo(b)fluoranthene
Concen: 2.44 ng
RT: 22.693 min Scan# 2289
Delta R.T. -0.003 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:252 Resp: 42374
Ion Ratio Lower Upper
252 100
253 24.2 20.1 30.1
125 8.0 7.2 10.8

Instrument :
BNA_N
ClientSampleId :
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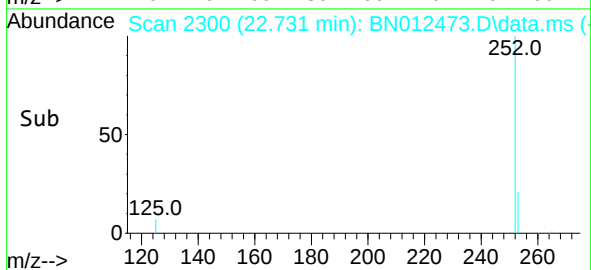
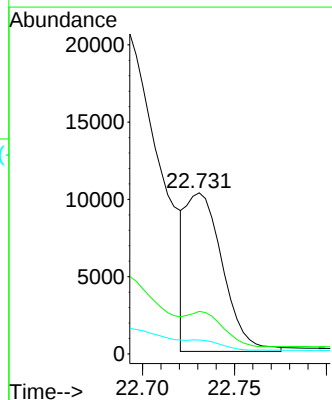
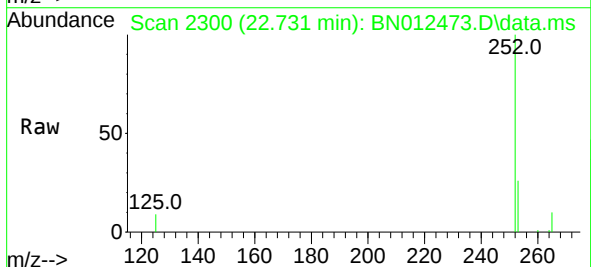
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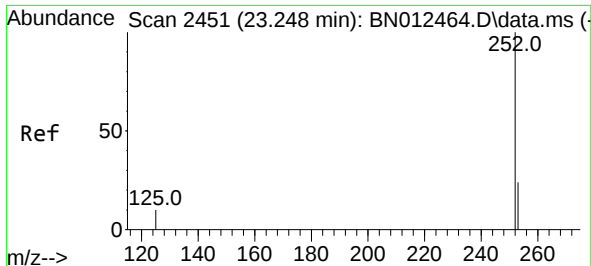
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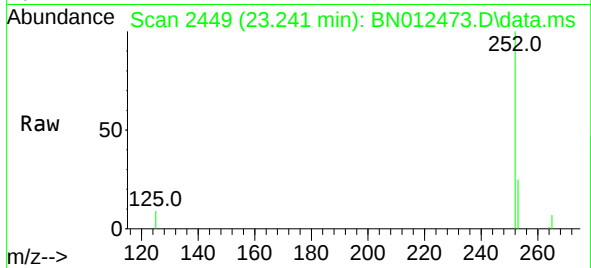
#38
Benzo(k)fluoranthene
Concen: 0.78 ng m
RT: 22.731 min Scan# 2300
Delta R.T. -0.010 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:252 Resp: 14254
Ion Ratio Lower Upper
252 100
253 26.4 19.8 29.8
125 8.6 7.1 10.7

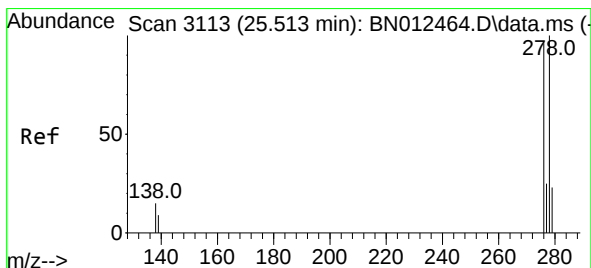
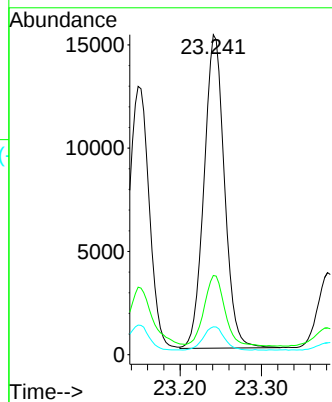
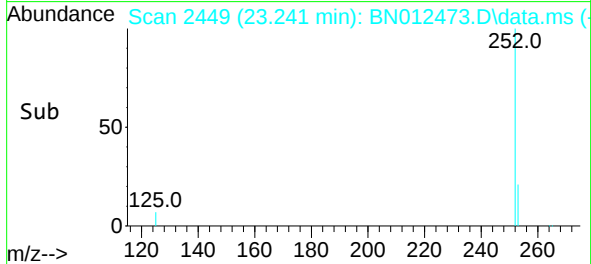




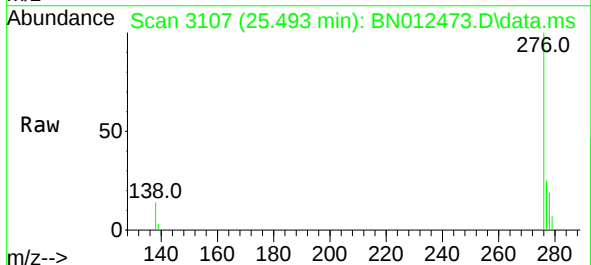
#39
Benzo(a)pyrene
Concen: 1.59 ng
RT: 23.241 min Scan# 2449
Delta R.T. -0.007 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12



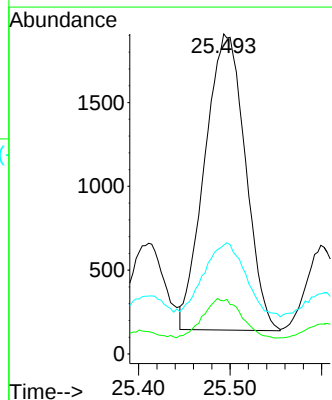
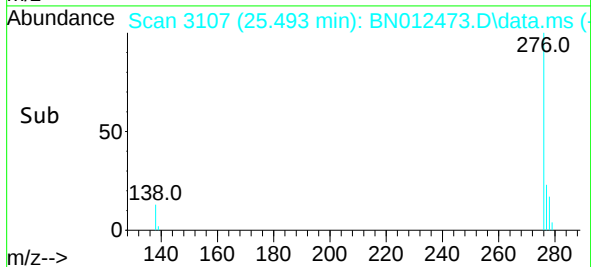
Tgt Ion:252 Resp: 26391
Ion Ratio Lower Upper
252 100
253 24.7 21.3 31.9
125 8.7 8.3 12.5



#40
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.493 min Scan# 3107
Delta R.T. -0.020 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12



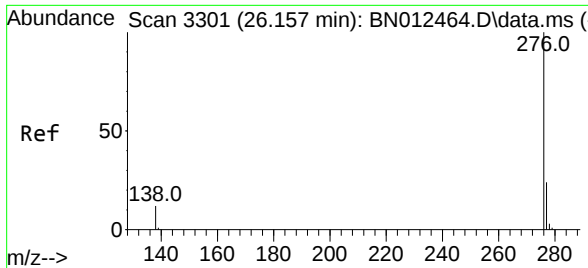
Tgt Ion:278 Resp: 5438
Ion Ratio Lower Upper
278 100
139 16.6 9.3 13.9#
279 34.0 21.6 32.4#



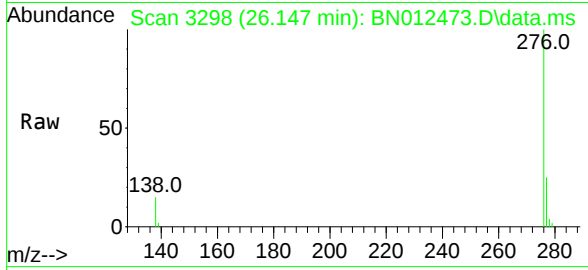
Instrument :
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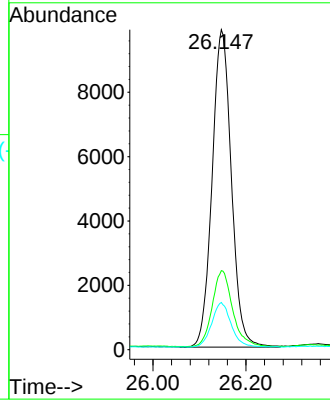
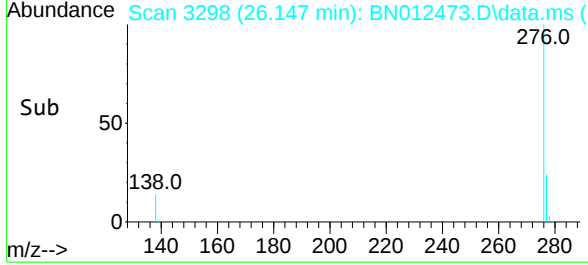
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#41
Benzo(g,h,i)perylene
Concen: 1.45 ng
RT: 26.147 min Scan# 3298
Delta R.T. -0.010 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12



Tgt Ion:	276	Resp:	28341
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.8	29.8
138	14.7	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
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