

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

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)

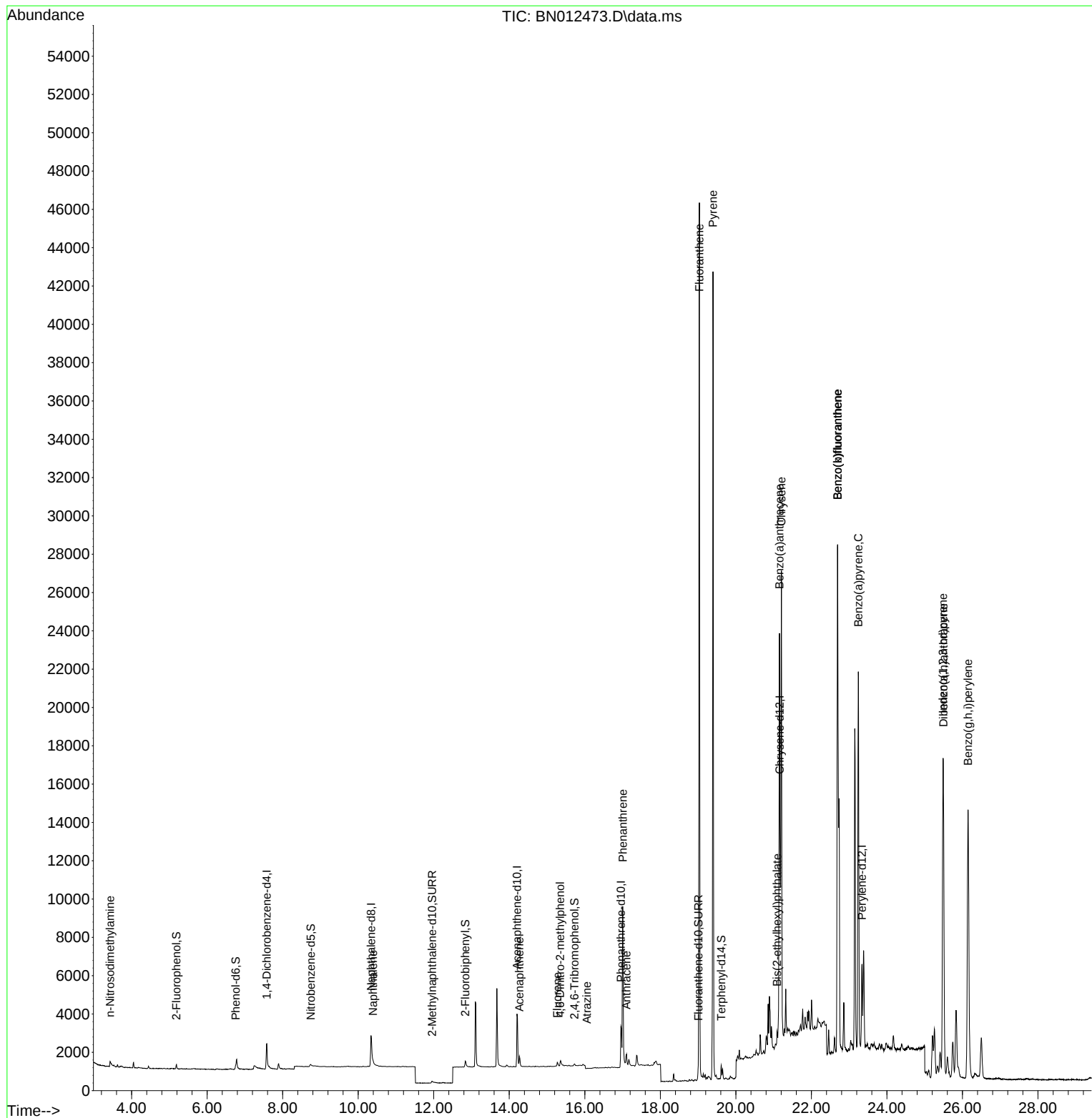
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	814	0.40	ng	# 0.00
7) Naphthalene-d8	10.339	136	3319	0.40	ng	# 0.00
13) Acenaphthene-d10	14.205	164	1957	0.40	ng	-0.01
19) Phenanthrene-d10	16.956	188	3948	0.40	ng	#-0.01
29) Chrysene-d12	21.163	240	4442	0.40	ng	#-0.01
36) Perylene-d12	23.337	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
3) n-Nitrosodimethylamine	3.431	42	148	0.04	ng	# 12
9) Naphthalene	10.390	128	201	0.02	ng	# 22
17) Acenaphthene	14.268	154	276	0.04	ng	92
18) Fluorene	15.270	166	222	0.03	ng	91
20) 4,6-Dinitro-2-methylph...	15.347	198	1	0.08	ng	# 1
23) Atrazine	16.055	200	240	0.10	ng	# 3
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	22.693	252	42374	2.33	ng	98
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

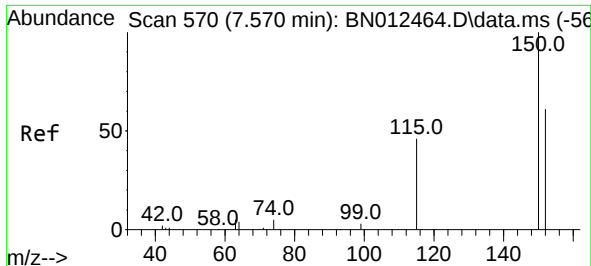
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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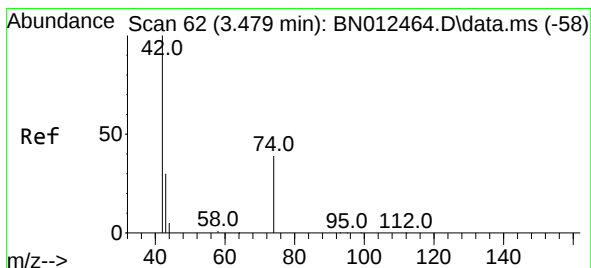
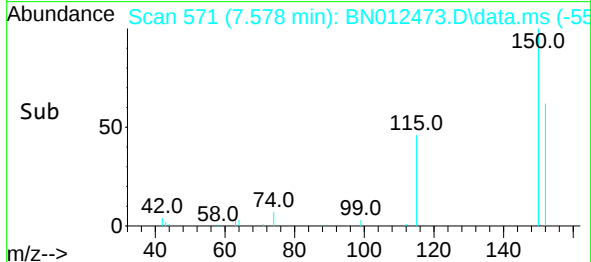
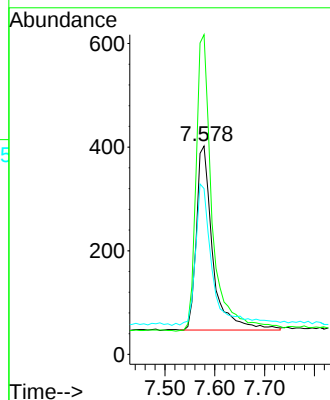
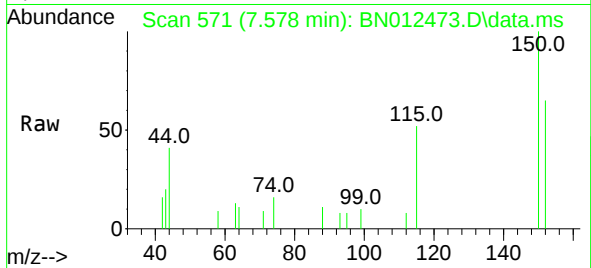




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.008 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

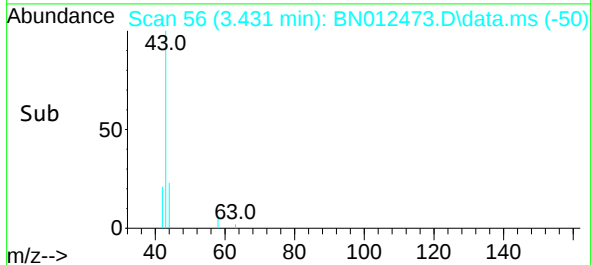
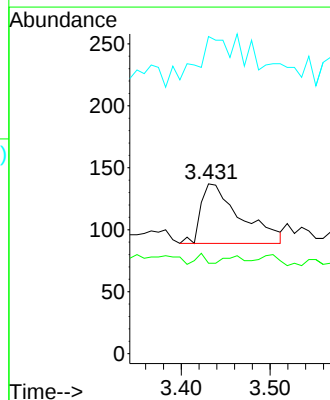
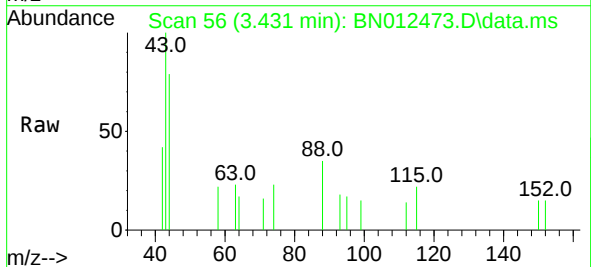
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL

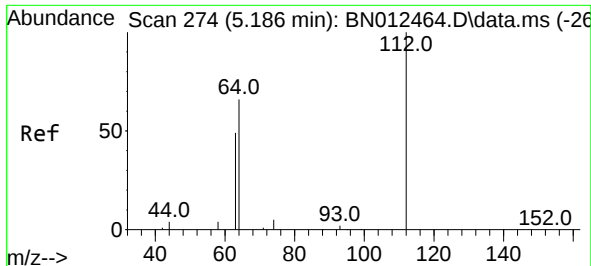
Tgt Ion: 152 Resp: 814
Ion Ratio Lower Upper
152 100
150 153.5 116.6 174.8
115 79.6 52.9 79.3#



#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.431 min Scan# 56
Delta R.T. -0.048 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion: 42 Resp: 148
Ion Ratio Lower Upper
42 100
74 4.7 64.4 96.6#
44 49.3 2.8 4.2#

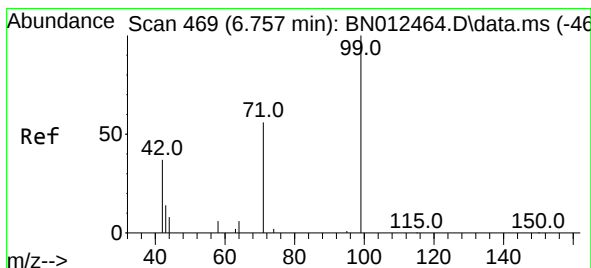
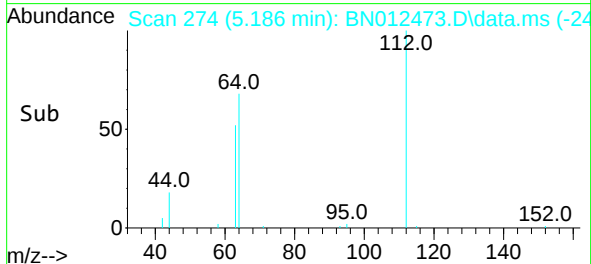
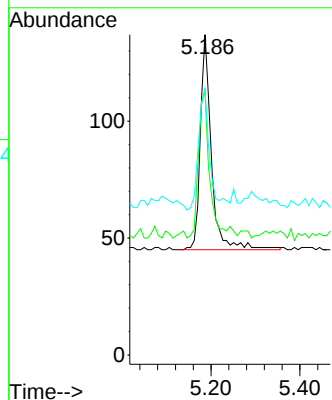
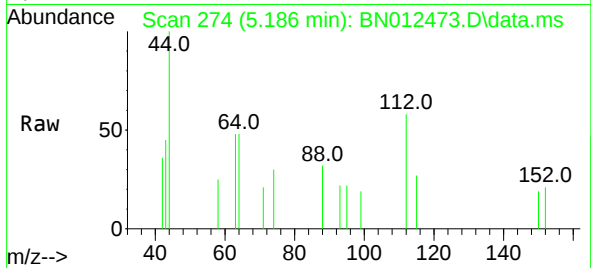




#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.186 min Scan# 274
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

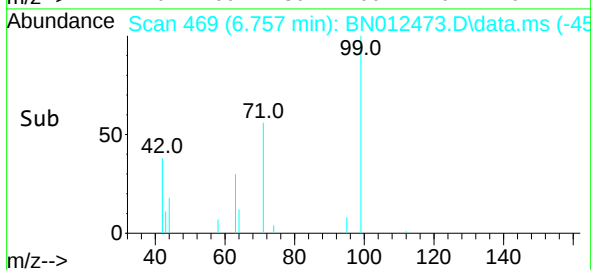
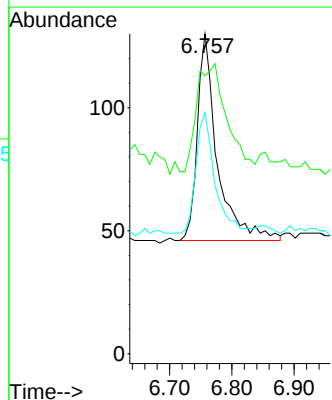
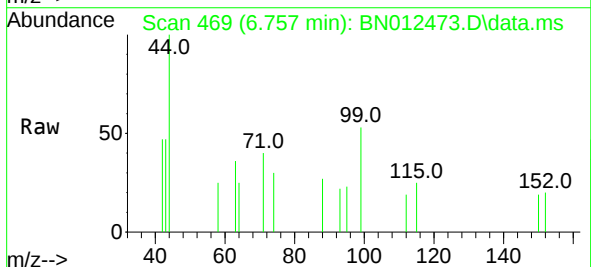
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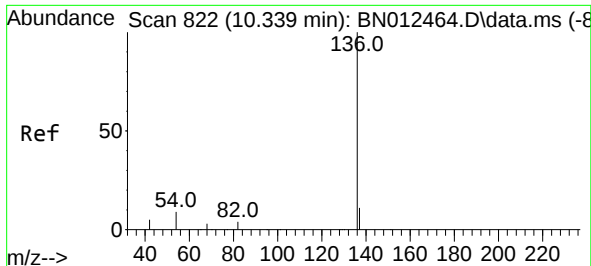
Tgt Ion:112 Resp: 160
Ion Ratio Lower Upper
112 100
64 69.4 49.5 74.3
63 56.9 32.0 48.0#



#5
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

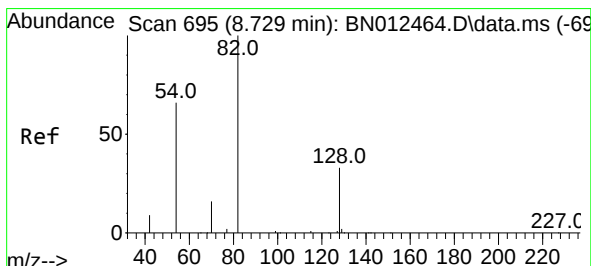
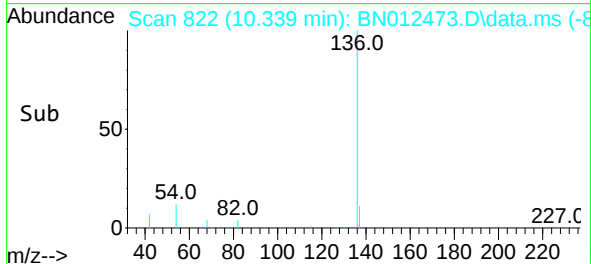
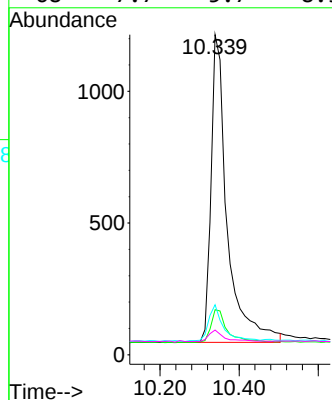
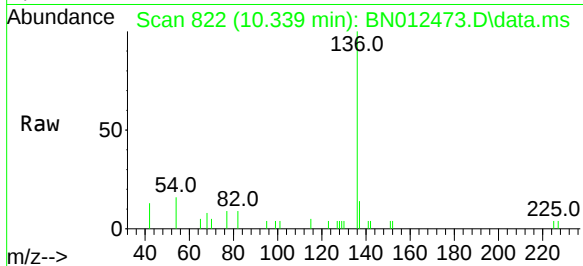




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.339 min Scan# 822
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

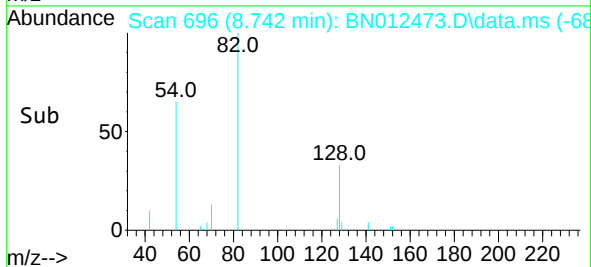
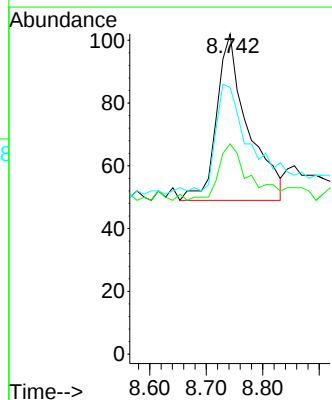
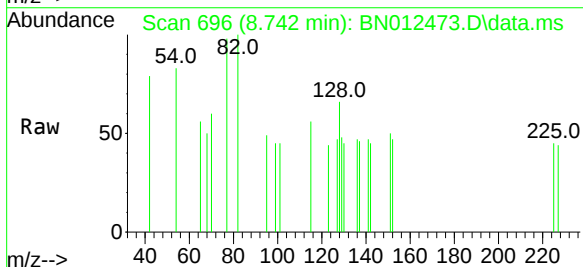
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL

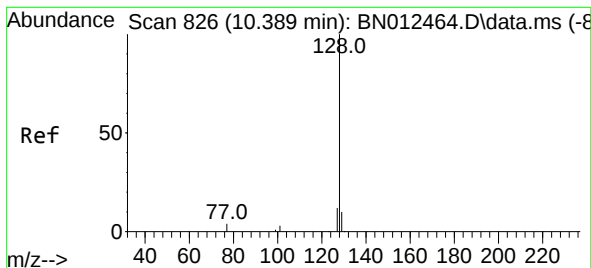
Tgt Ion:	136	Resp:	3319
Ion	Ratio	Lower	Upper
136	100		
137	14.1	10.6	15.8
54	15.6	8.6	12.8#
68	7.7	5.7	8.5



#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

Tgt Ion:	82	Resp:	203
Ion	Ratio	Lower	Upper
82	100		
128	65.7	30.6	46.0#
54	83.3	48.3	72.5#

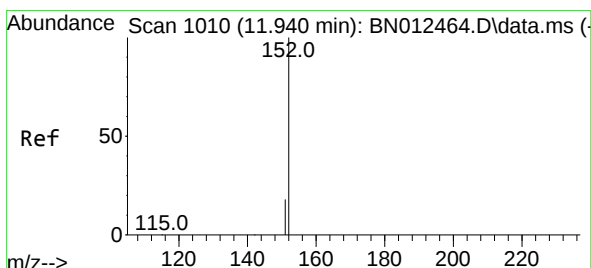
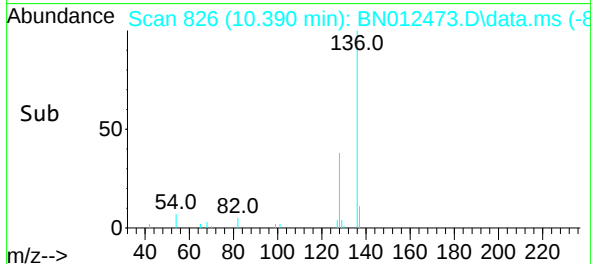
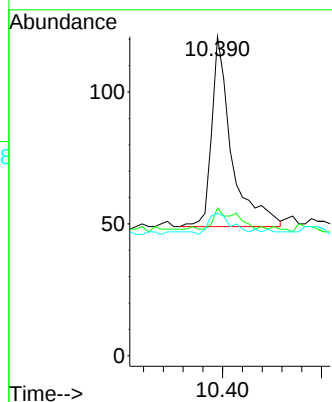
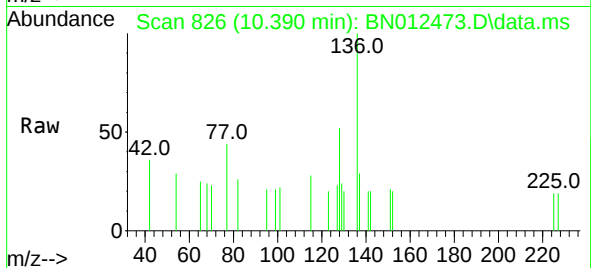




#9
Naphthalene
Concen: 0.02 ng
RT: 10.390 min Scan# 826
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

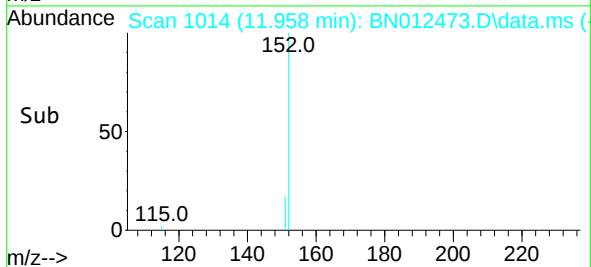
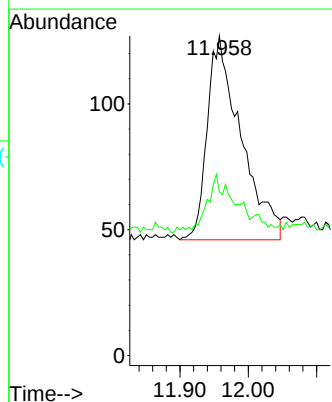
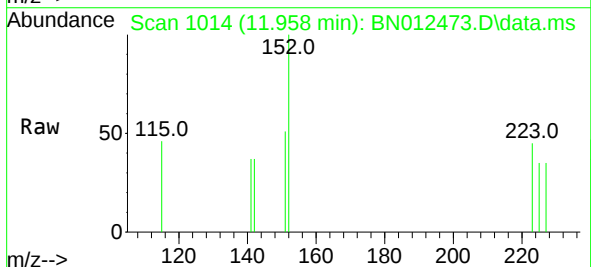
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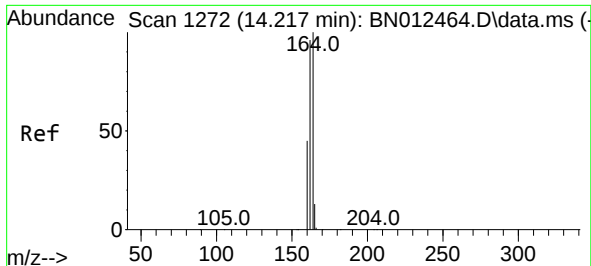
Tgt Ion:128 Resp: 201
Ion Ratio Lower Upper
128 100
129 46.3 9.8 14.8#
127 44.6 12.2 18.4#



#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:152 Resp: 277
Ion Ratio Lower Upper
152 100
151 10.5 16.7 25.1#

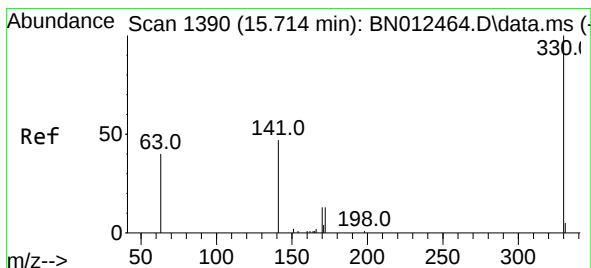
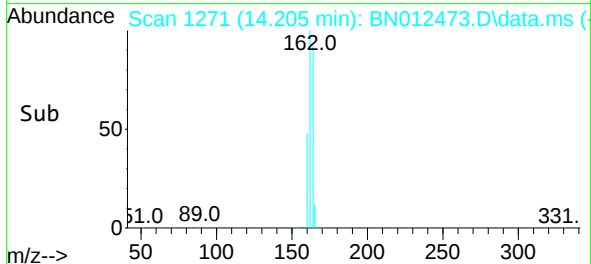
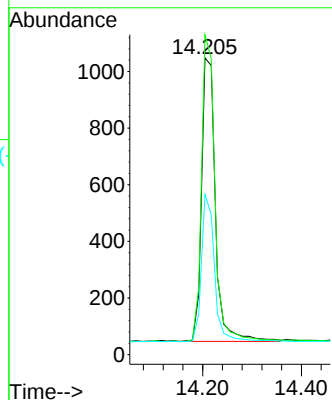
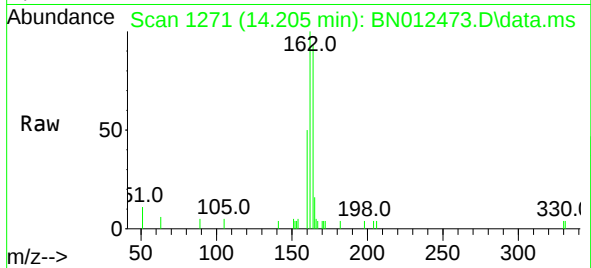




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.205 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

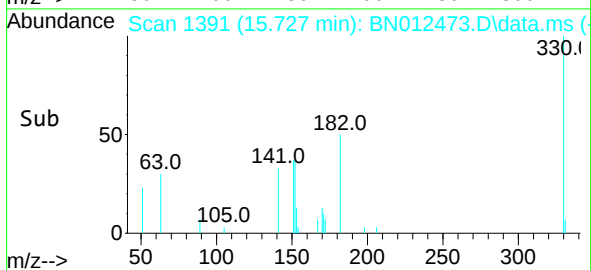
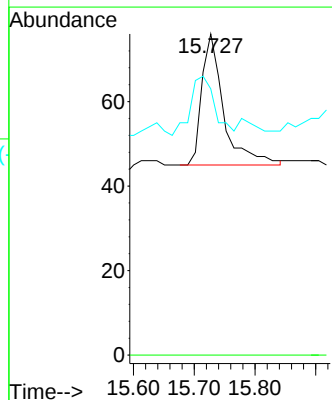
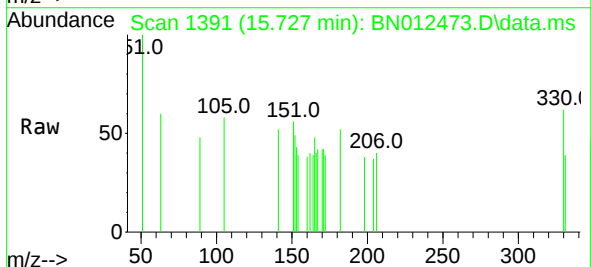
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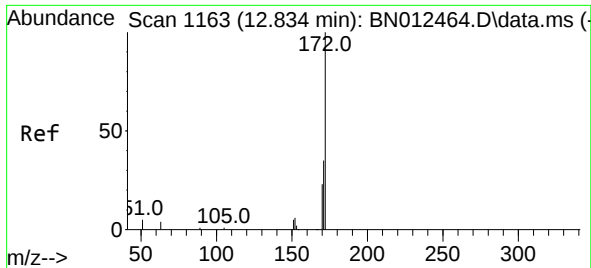
Tgt Ion:164 Resp: 1957
Ion Ratio Lower Upper
164 100
162 107.8 80.6 120.8
160 54.0 39.5 59.3



#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
Acq: 30 Oct 2020 17:12

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

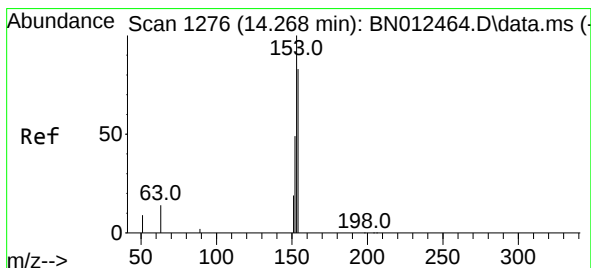
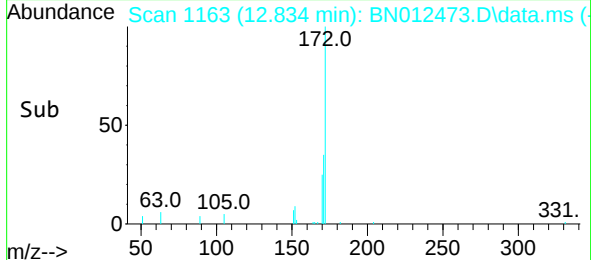
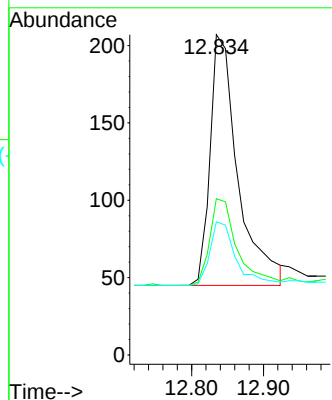
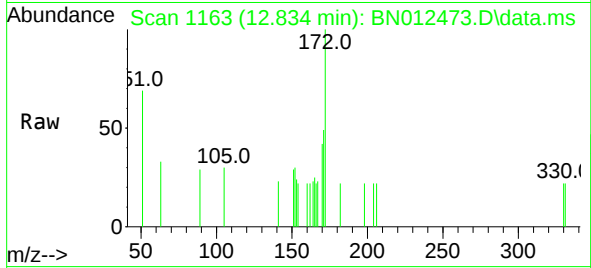




#15
2-Fluorobiphenyl
Concen: 0.06 ng
RT: 12.834 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

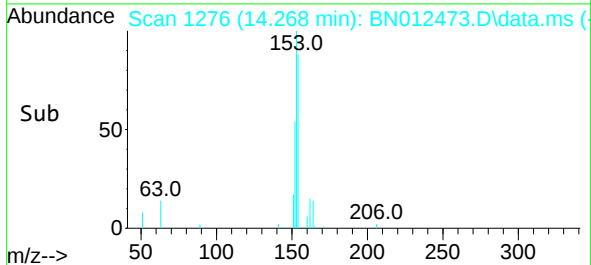
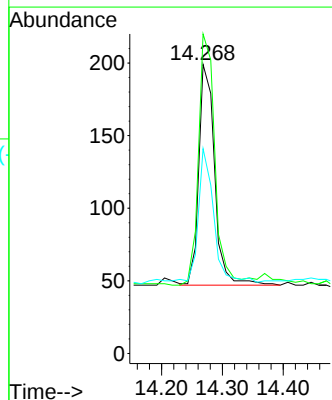
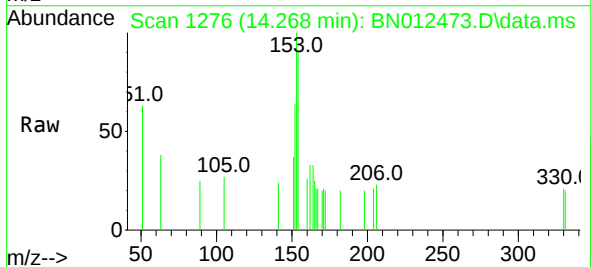
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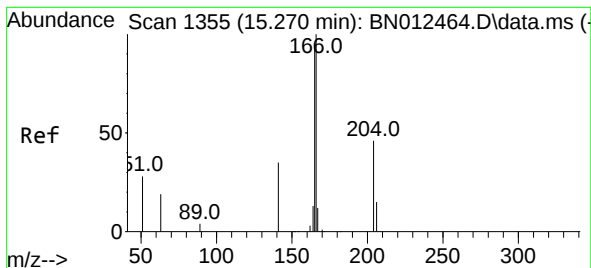
Tgt Ion:172 Resp: 437
Ion Ratio Lower Upper
172 100
171 48.8 28.2 42.4#
170 41.5 20.0 30.0#



#17
Acenaphthene
Concen: 0.04 ng
RT: 14.268 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:154 Resp: 276
Ion Ratio Lower Upper
154 100
153 117.4 83.6 125.4
152 54.7 43.9 65.9





#18

Fluorene

Concen: 0.03 ng

RT: 15.270 min Scan# 1355

Delta R.T. 0.000 min

Lab File: BN012473.D

Acq: 30 Oct 2020 17:12

Tgt Ion:166 Resp: 222

Ion Ratio Lower Upper

166 100

165 88.7 78.6 118.0

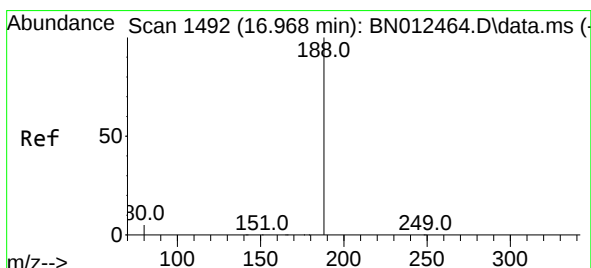
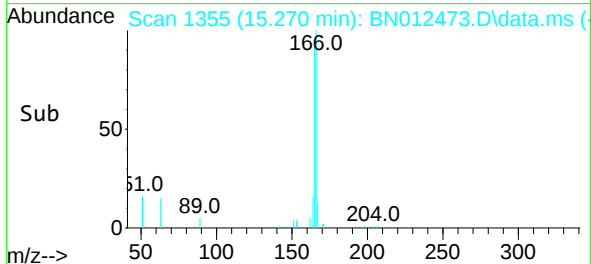
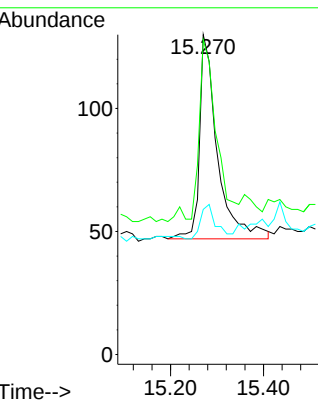
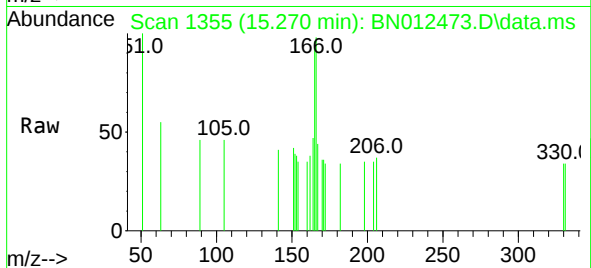
167 14.0 10.7 16.1

Instrument :

BNA_N

ClientSampleId :

STOCKPILE-LOC3-SO-0003DL



#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

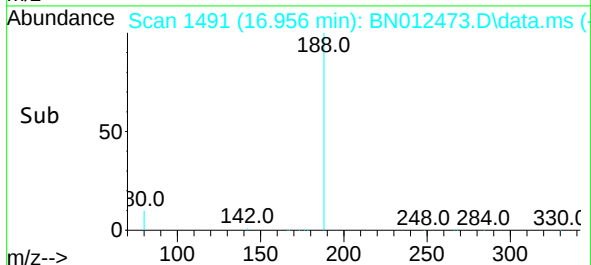
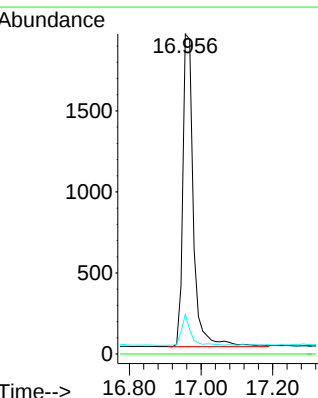
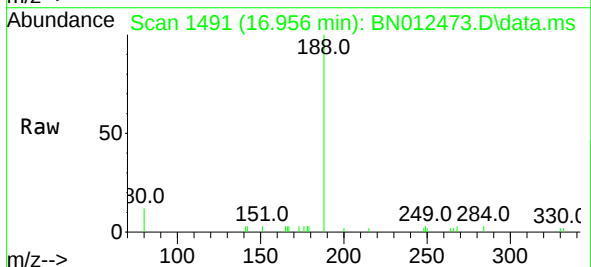
Tgt Ion:188 Resp: 3948

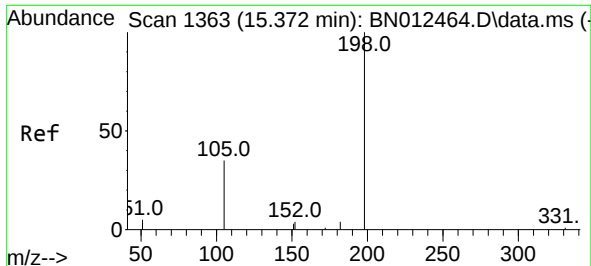
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 5.0 7.4#

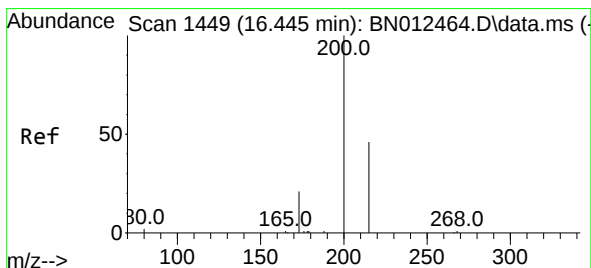
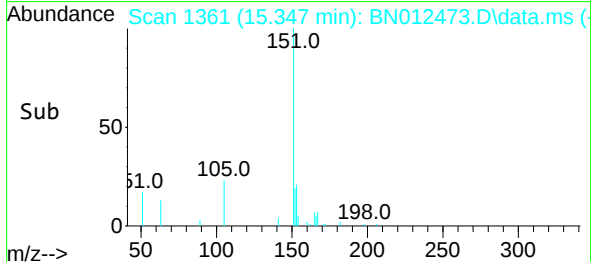
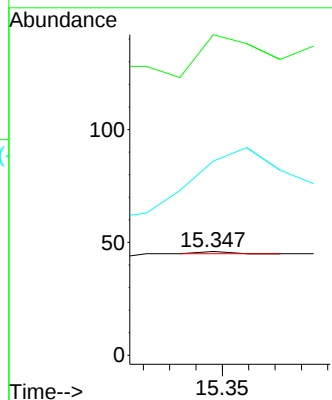
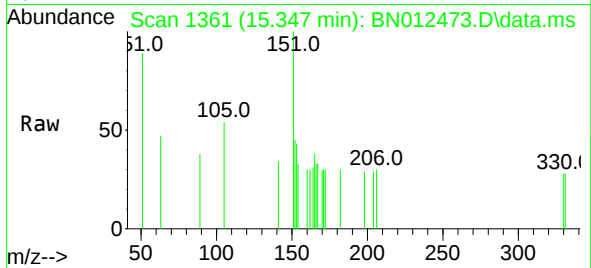




#20
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 15.347 min Scan# 1361
Delta R.T. -0.025 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

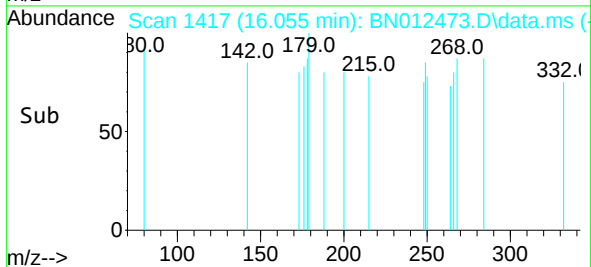
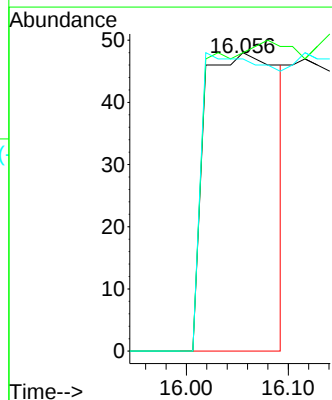
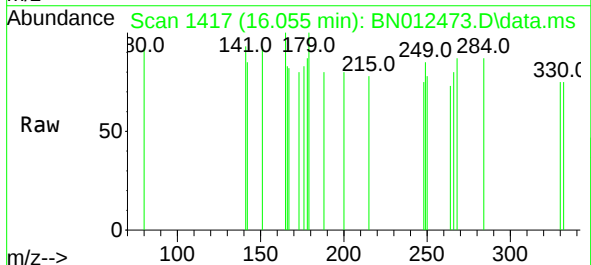
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL

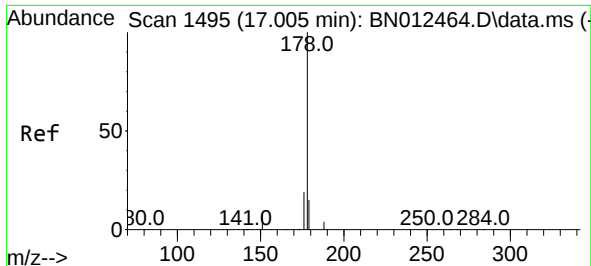
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 308.7 43.5 65.3#
105 187.0 27.2 40.8#



#23
Atrazine
Concen: 0.10 ng
RT: 16.055 min Scan# 1417
Delta R.T. -0.389 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

Tgt Ion:200 Resp: 240
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 97.9 38.1 57.1#

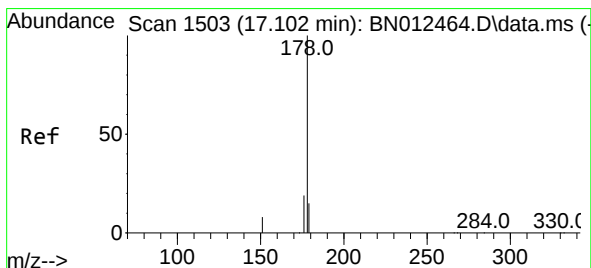
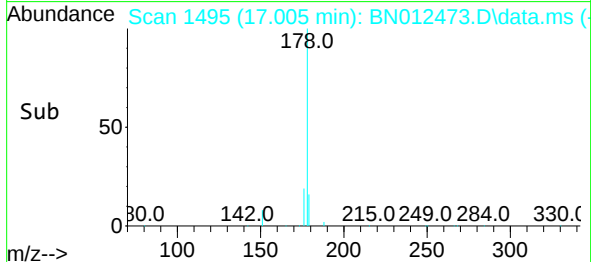
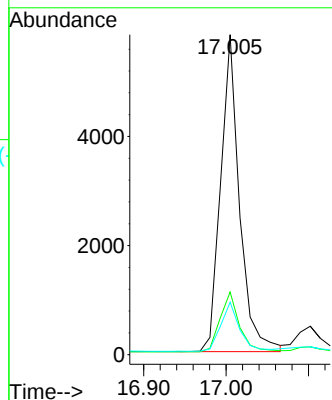
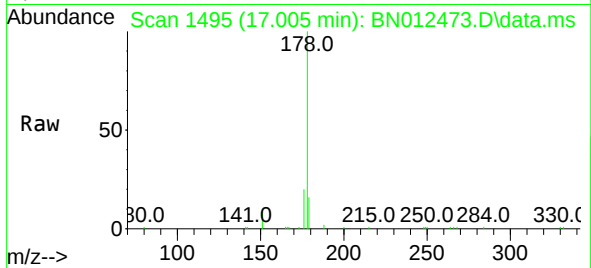




#25
Phenanthrene
Concen: 0.79 ng
RT: 17.005 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

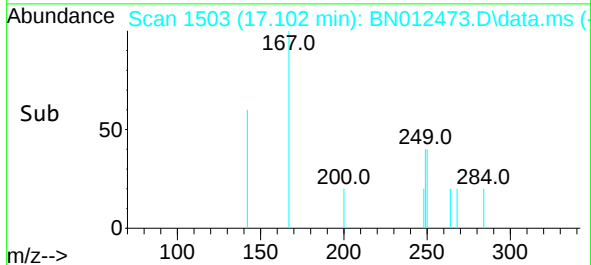
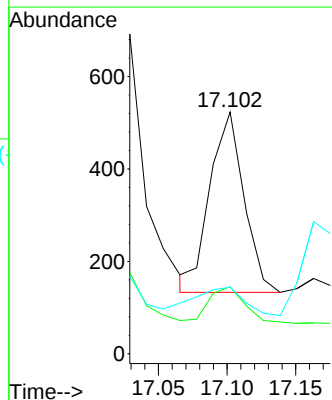
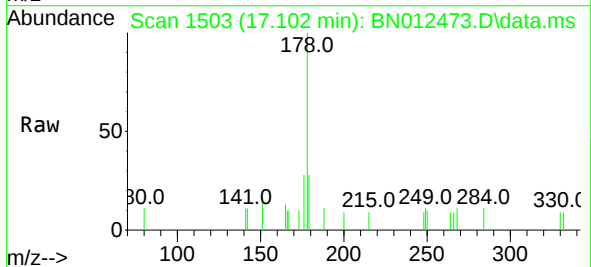
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL

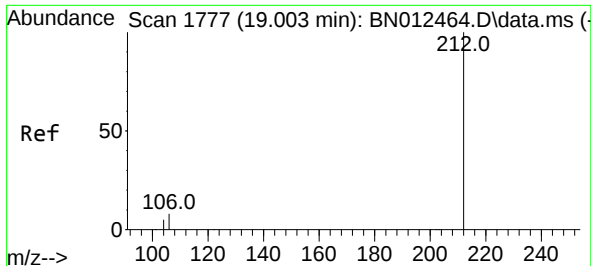
Tgt Ion:178	Resp:	9259
Ion Ratio	Lower	Upper
178	100	
176	19.4	14.8 22.2
179	15.5	12.4 18.6



#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#

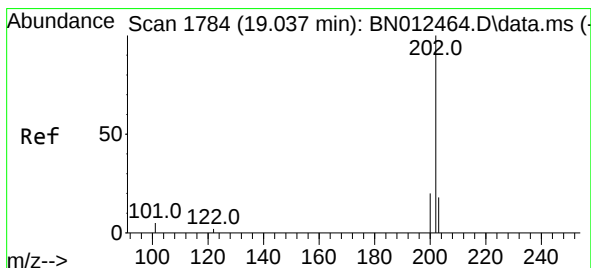
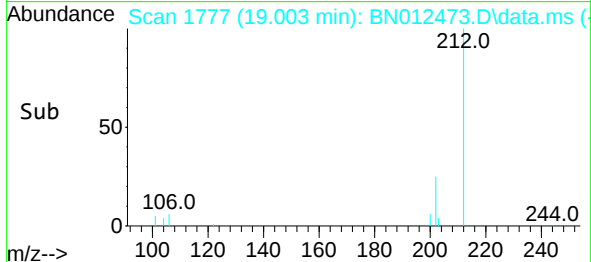
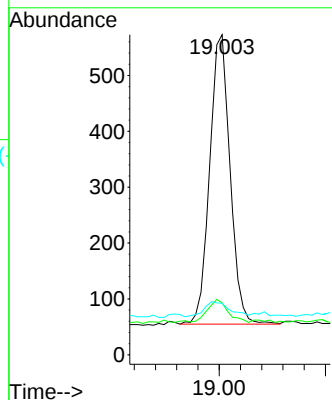
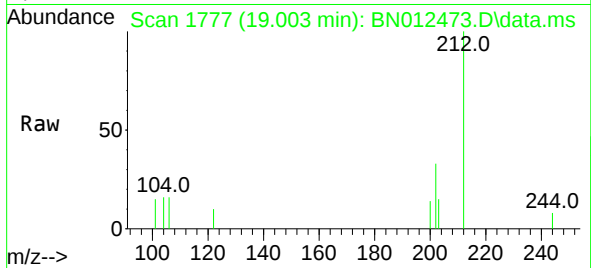




#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 19.003 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

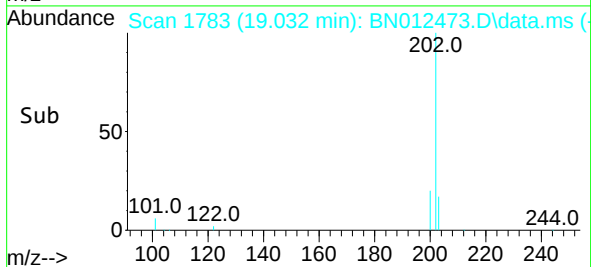
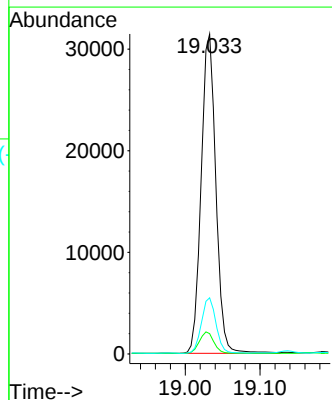
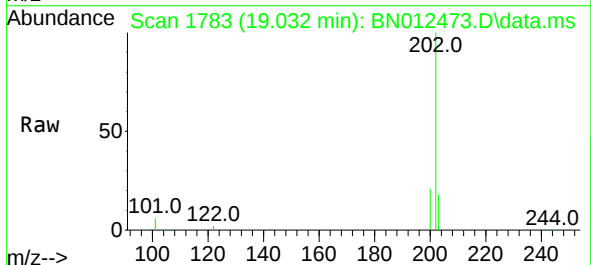
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL

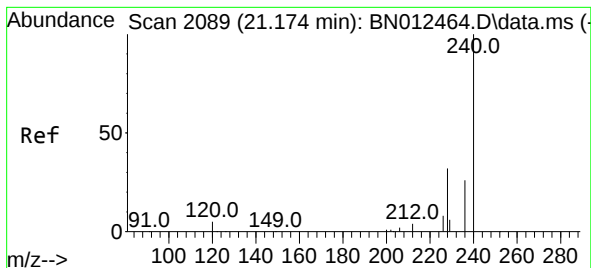
Tgt Ion:212 Resp: 690
Ion Ratio Lower Upper
212 100
106 8.0 6.8 10.2
104 6.5 4.1 6.1#



#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

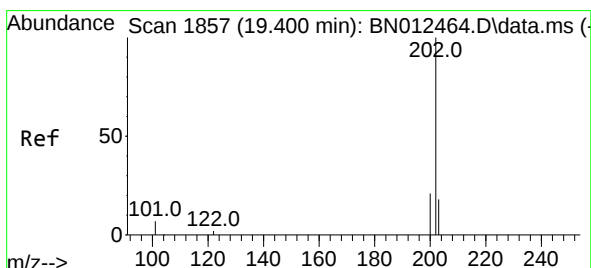
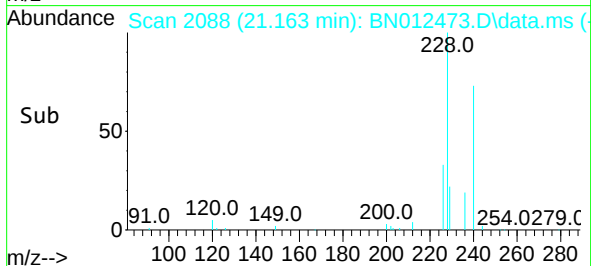
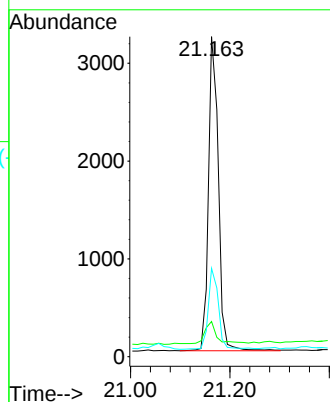
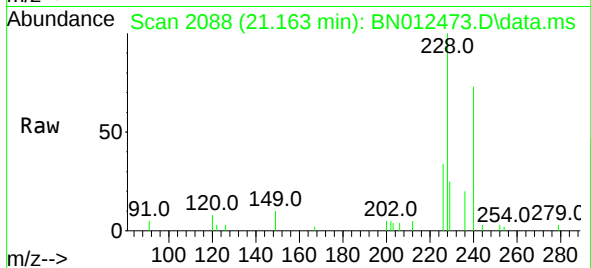
Tgt Ion:240	Resp:	4442
Ion Ratio	Lower	Upper
240	100	
120	11.0	5.3 7.9#
236	27.6	21.8 32.8

Instrument :

BNA_N

ClientSampleId :

STOCKPILE-LOC3-SO-0003DL



#30

Pyrene

Concen: 2.51 ng

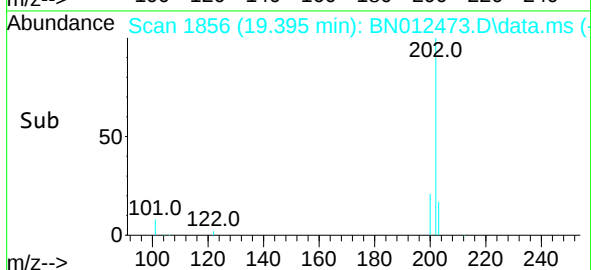
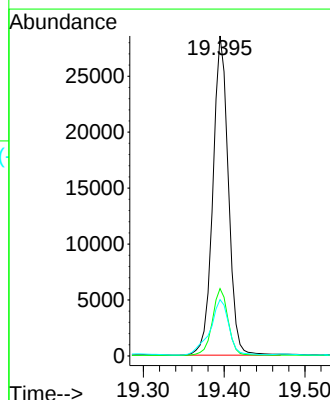
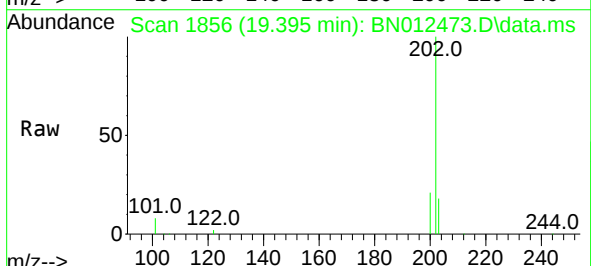
RT: 19.395 min Scan# 1856

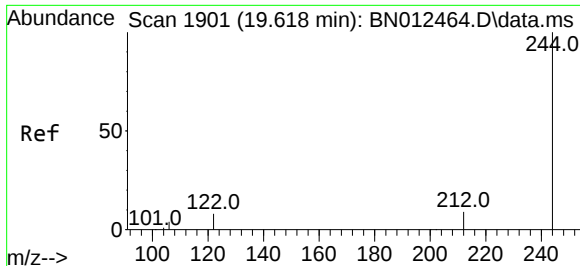
Delta R.T. -0.005 min

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#

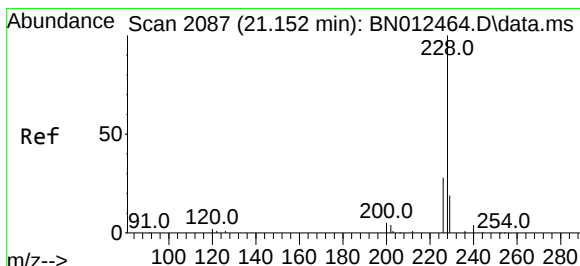
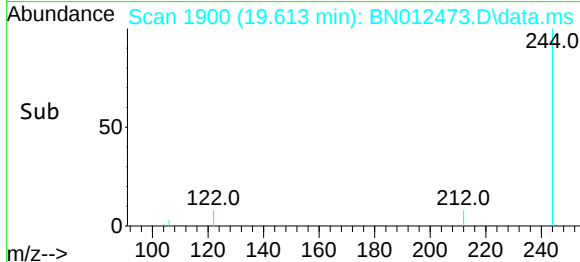
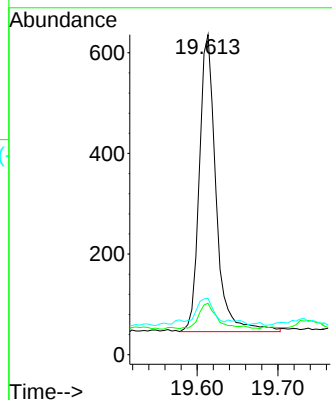
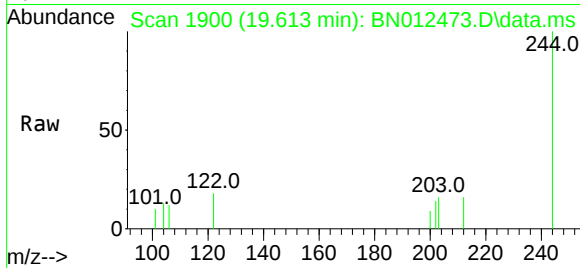




#31
Terphenyl-d14
Concen: 0.08 ng
RT: 19.613 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

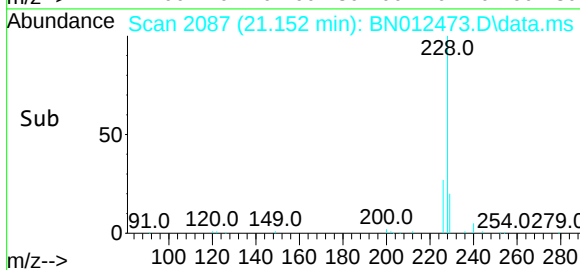
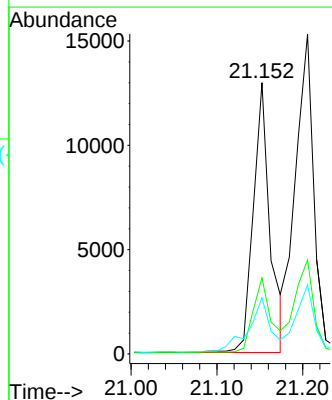
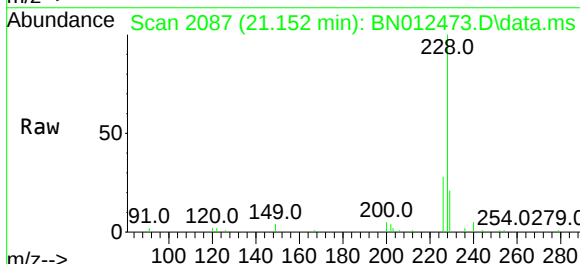
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL

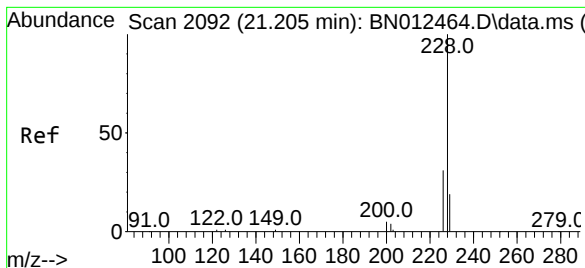
Tgt Ion:244 Resp: 845
Ion Ratio Lower Upper
244 100
212 16.0 7.3 10.9#
122 17.6 7.3 10.9#



#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





#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

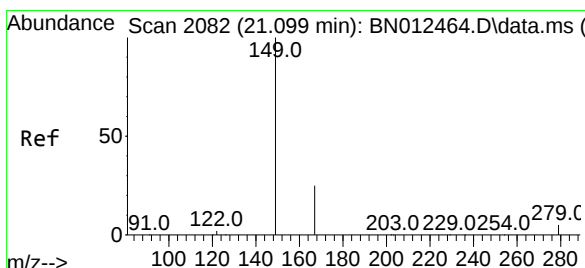
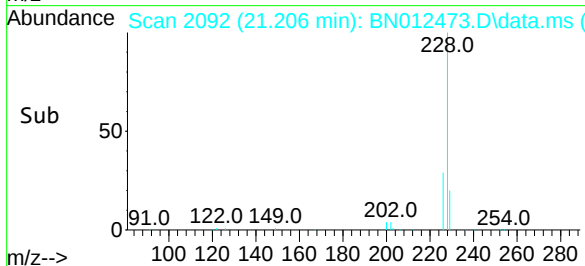
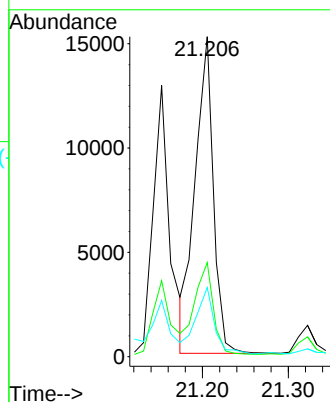
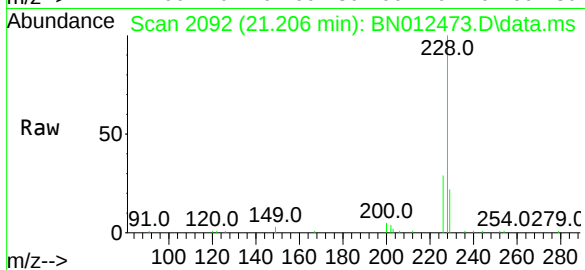
Tgt Ion:228 Resp: 22395

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

229 21.6 15.7 23.5



#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

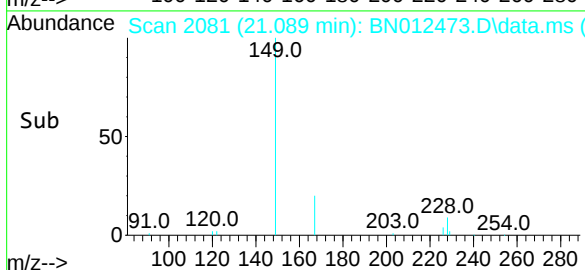
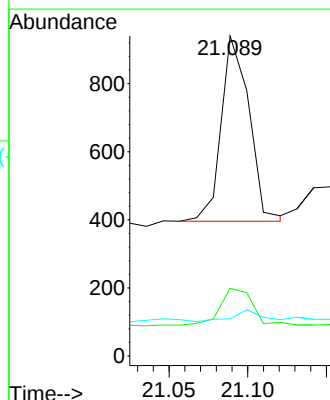
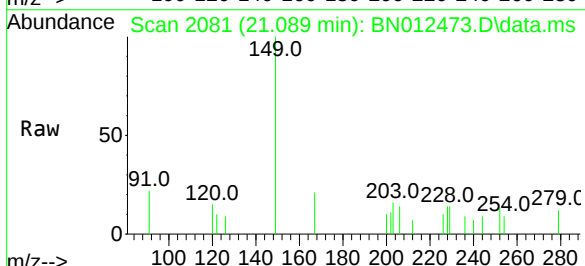
Tgt Ion:149 Resp: 669

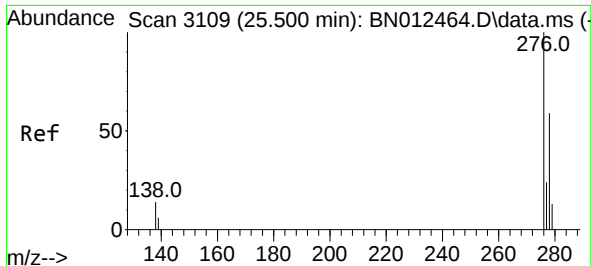
Ion Ratio Lower Upper

149 100

167 22.0 23.2 34.8#

279 6.6 3.9 5.9#

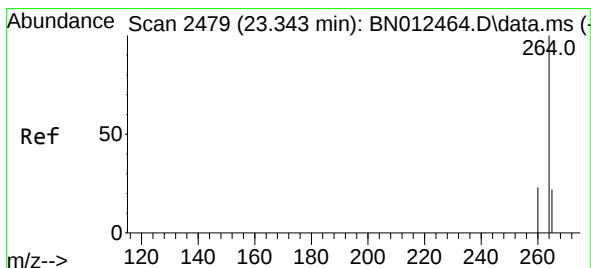
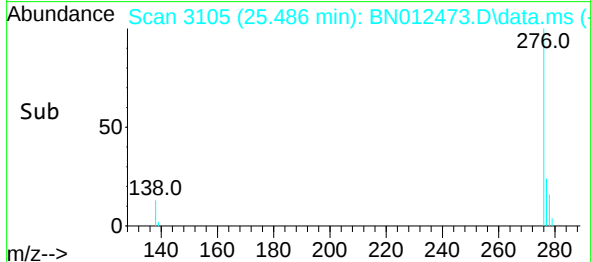
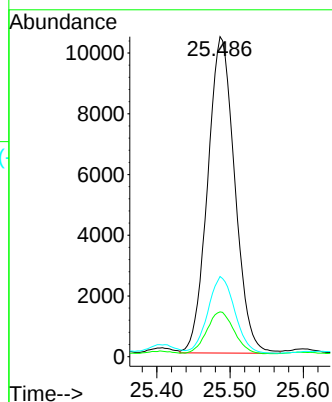
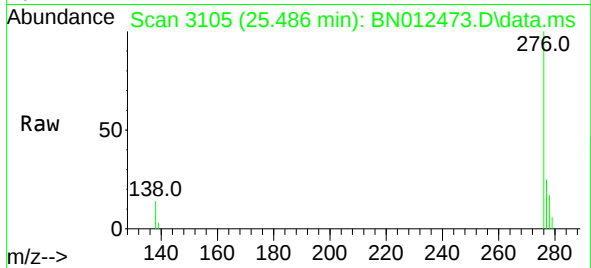




#35
Indeno(1,2,3-cd)pyrene
Concen: 1.22 ng
RT: 25.486 min Scan# 3105
Delta R.T. -0.014 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

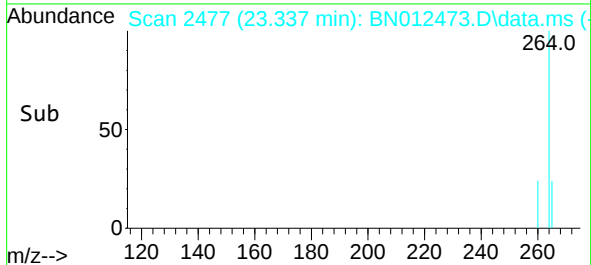
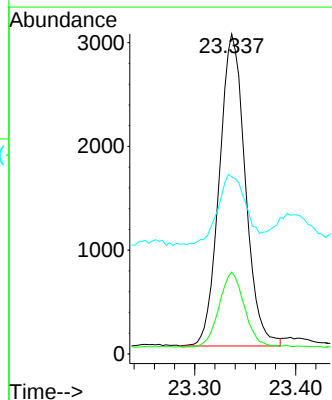
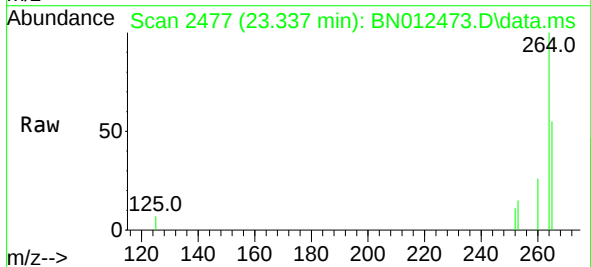
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL

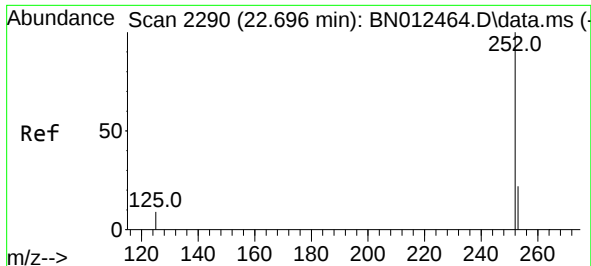
Tgt Ion:276 Resp: 26862
Ion Ratio Lower Upper
276 100
138 13.2 13.3 19.9#
277 24.0 20.2 30.4



#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

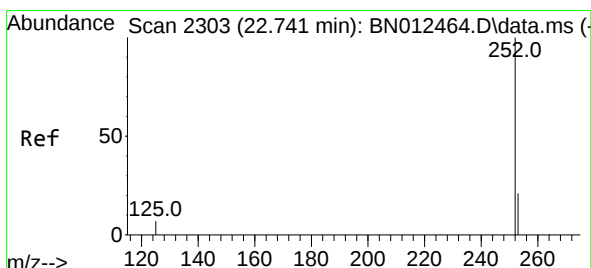
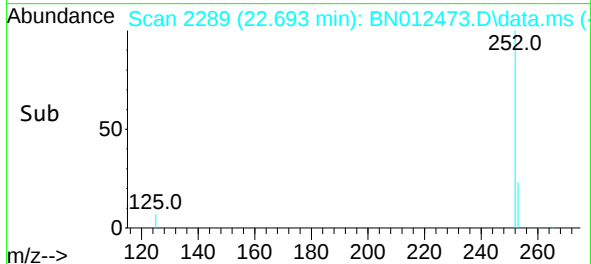
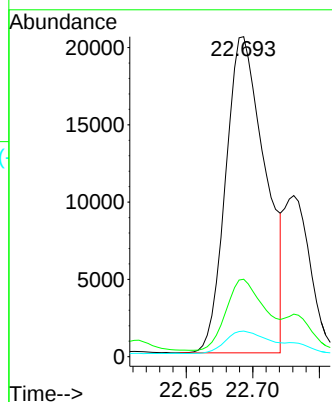
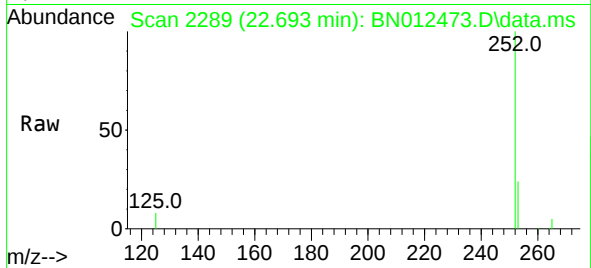




#37
Benzo(b)fluoranthene
Concen: 2.44 ng
RT: 22.693 min Scan# 2289
Delta R.T. -0.003 min
Lab File: BN012473.D
Acq: 30 Oct 2020 17:12

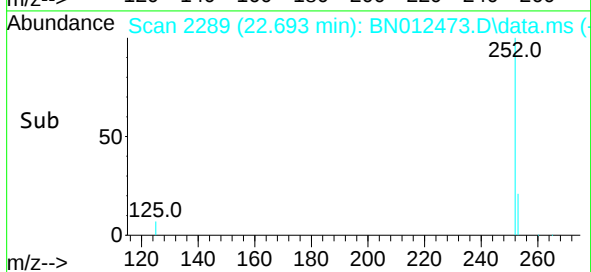
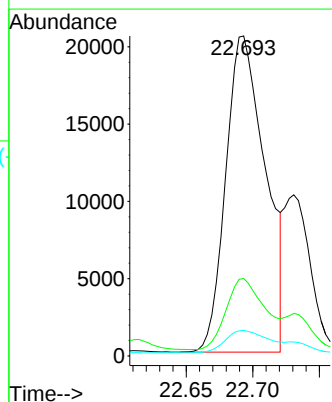
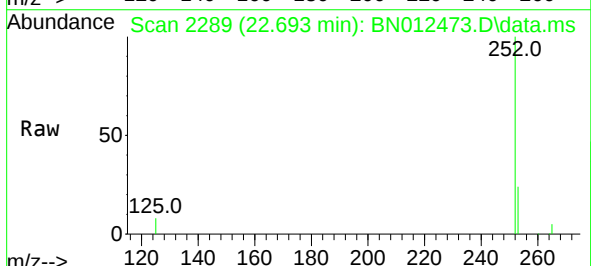
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC3-SO-0003DL

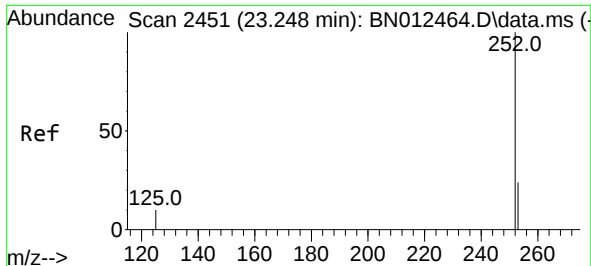
Tgt Ion:252 Resp: 42374
Ion Ratio Lower Upper
252 100
253 24.2 20.1 30.1
125 8.0 7.2 10.8



#38
Benzo(k)fluoranthene
Concen: 2.33 ng
RT: 22.693 min Scan# 2289
Delta R.T. -0.048 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 19.8 29.8
125 8.0 7.1 10.7





#39

Benzo(a)pyrene

Concen: 1.59 ng

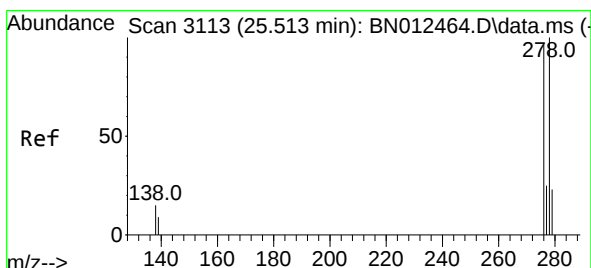
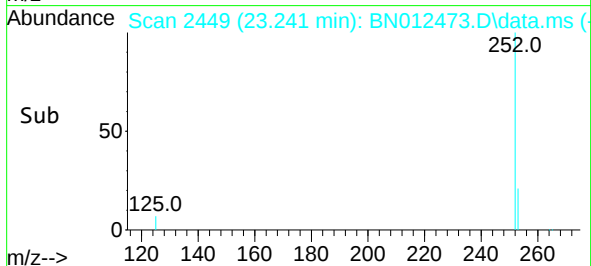
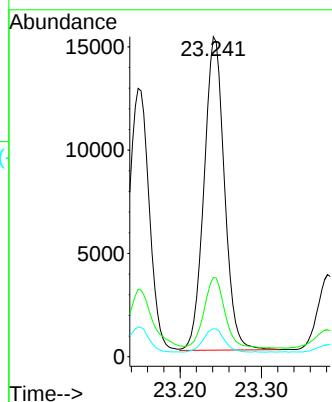
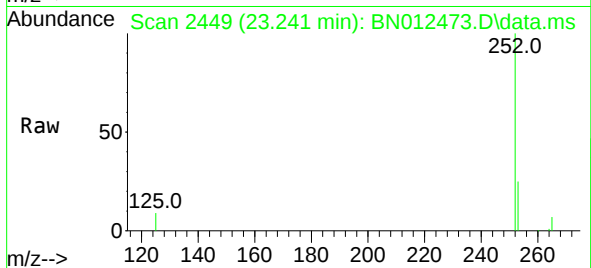
RT: 23.241 min Scan# 2449

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

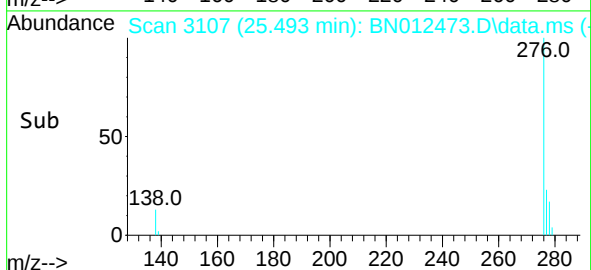
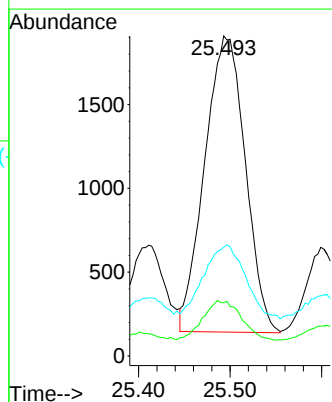
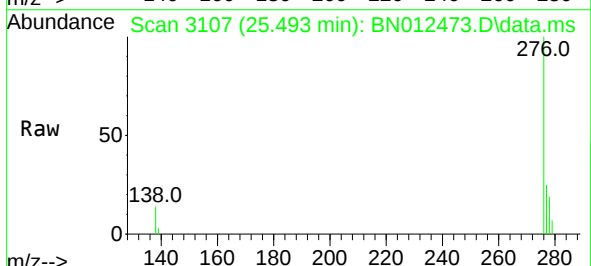
RT: 25.493 min Scan# 3107

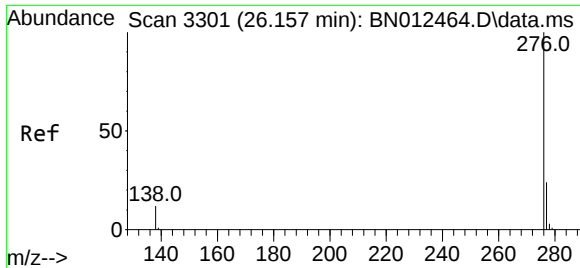
Delta R.T. -0.020 min

Lab File: BN012473.D

Acq: 30 Oct 2020 17:12

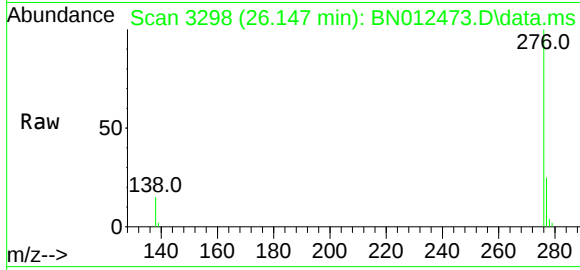
Tgt Ion:	278	Resp:	5438
Ion Ratio	Lower	Upper	
278	100		
139	16.6	9.3	13.9#
279	34.0	21.6	32.4#





#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

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



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

