

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
 Data File : BN012445.D
 Acq On : 29 Oct 2020 19:21
 Operator : CG/JU
 Sample : L4561-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-LOC1-SO-0001

Quant Time: Oct 30 00:55:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 10:32:42 2020
 Response via : Initial Calibration

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

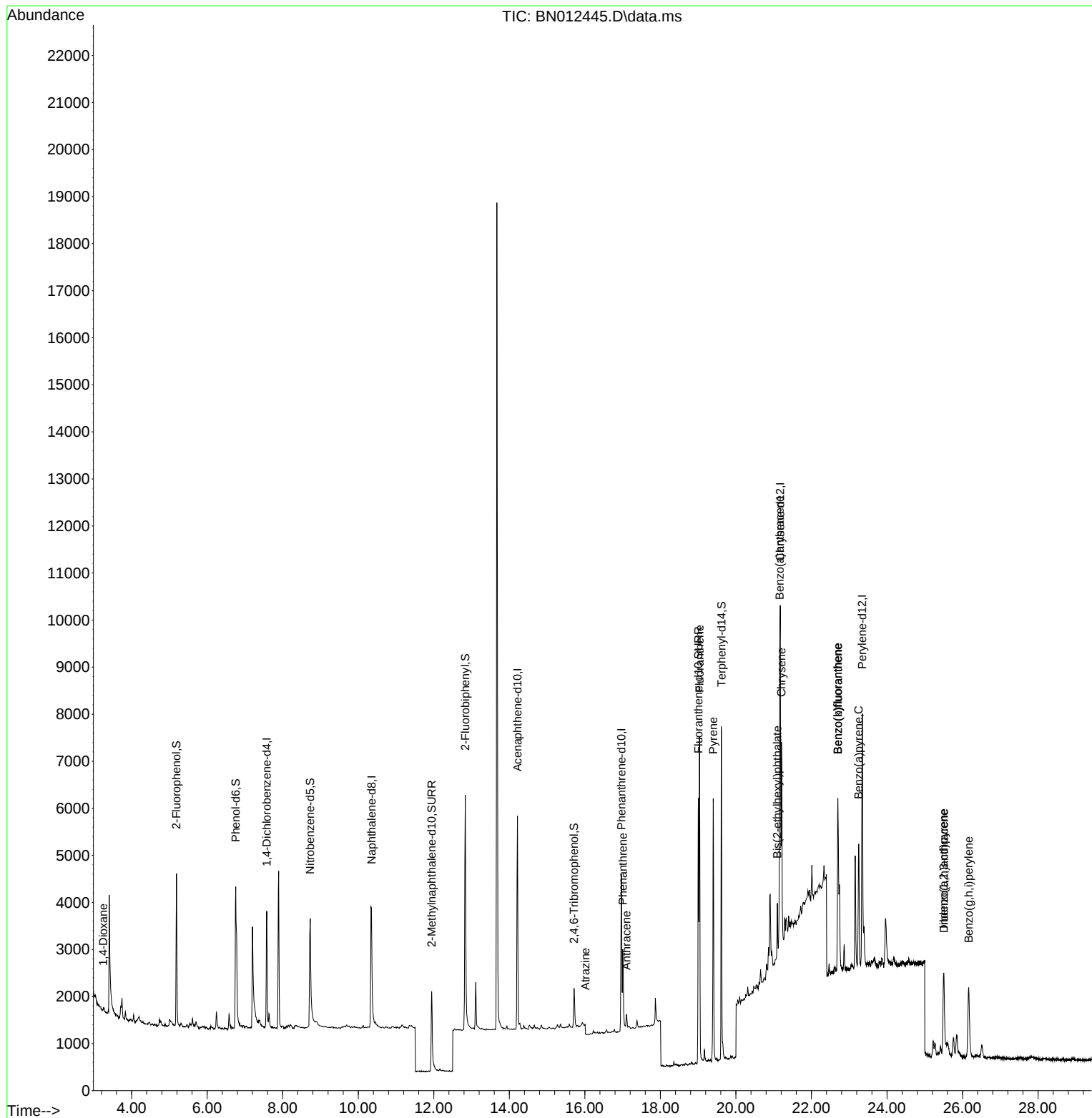
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	1233	0.40	ng	0.00
7) Naphthalene-d8	10.351	136	4961	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	2767	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	5434	0.40	ng	# 0.00
29) Chrysene-d12	21.174	240	5699	0.40	ng	# 0.00
36) Perylene-d12	23.347	264	6844	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	2098	0.49	ng	0.00
5) Phenol-d6	6.757	99	2261	0.44	ng	0.00
8) Nitrobenzene-d5	8.729	82	2781	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	11.944	152	3298	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.714	330	756	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.834	172	5383	0.52	ng	-0.01
27) Fluoranthene-d10	19.008	212	7061	0.42	ng	0.00
31) Terphenyl-d14	19.618	244	7625	0.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	81	0.04	ng	# 26
23) Atrazine	16.019	200	308	0.10	ng	# 1
25) Phenanthrene	17.005	178	1938	0.12	ng	98
26) Anthracene	17.102	178	432	0.03	ng	96
28) Fluoranthene	19.037	202	6411	0.34	ng	99
30) Pyrene	19.400	202	5542	0.29	ng	# 94
32) Benzo(a)anthracene	21.163	228	4445	0.26	ng	# 95
33) Chrysene	21.205	228	4071	0.21	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.099	149	1000	0.09	ng	# 90
35) Indeno(1,2,3-cd)pyrene	25.503	276	2704	0.10	ng	97
37) Benzo(b)fluoranthene	22.700	252	5678	0.26	ng	# 76
38) Benzo(k)fluoranthene	22.700	252	5678	0.24	ng	# 75
39) Benzo(a)pyrene	23.251	252	3636	0.17	ng	# 68
40) Dibenzo(a,h)anthracene	25.510	278	894	0.04	ng	# 4
41) Benzo(g,h,i)perylene	26.164	276	3116	0.13	ng	# 85

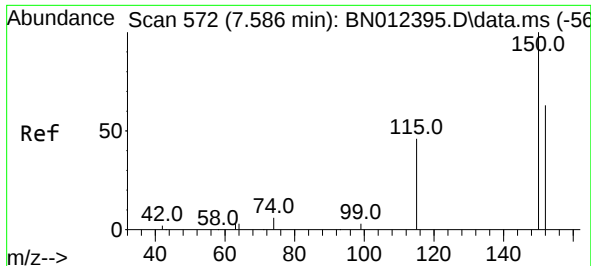
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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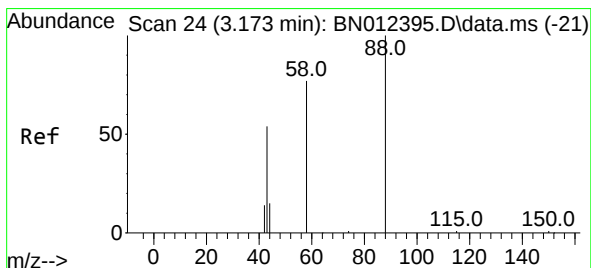
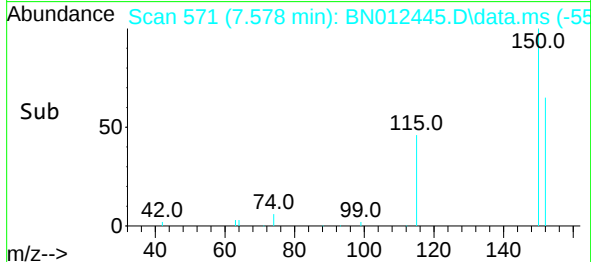
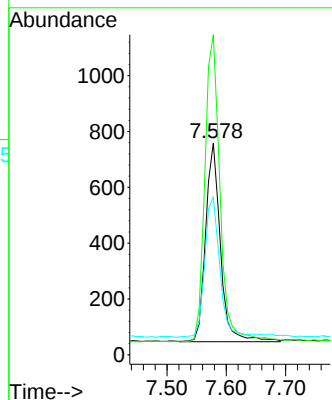
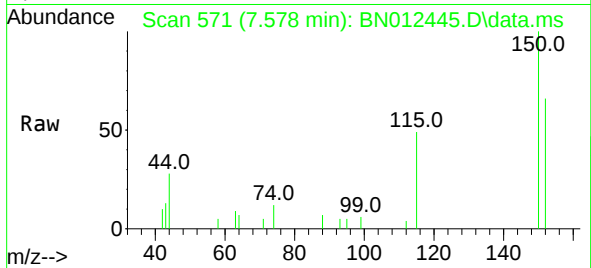




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.578 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21

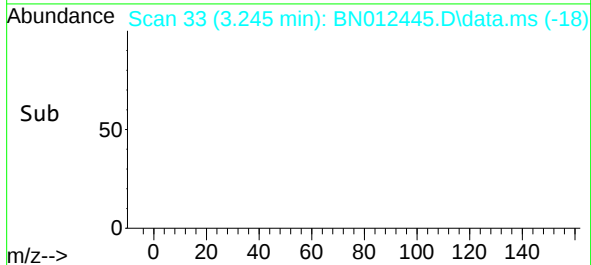
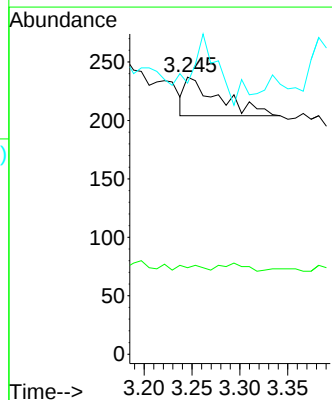
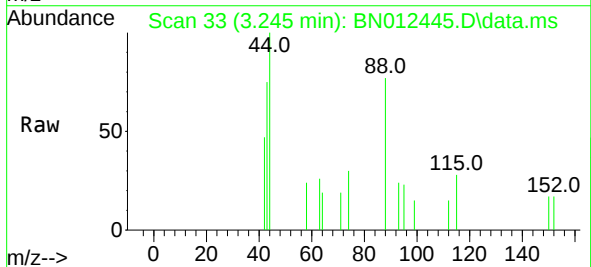
Instrument :
 BNA_N
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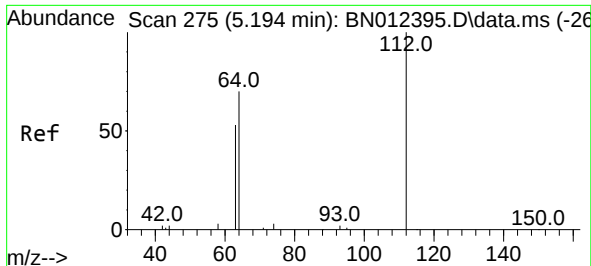
Tgt Ion:152 Resp: 1233
 Ion Ratio Lower Upper
 152 100
 150 151.1 116.6 174.8
 115 74.4 52.9 79.3



#2
 1,4-Dioxane
 Concen: 0.04 ng
 RT: 3.245 min Scan# 33
 Delta R.T. 0.073 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21

Tgt Ion: 88 Resp: 81
 Ion Ratio Lower Upper
 88 100
 58 7.4 59.4 89.2#
 43 0.0 32.3 48.5#

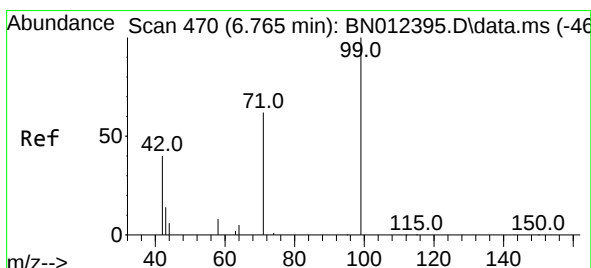
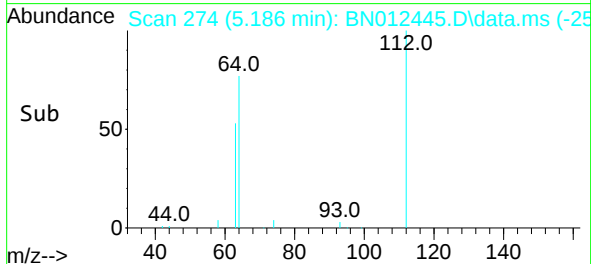
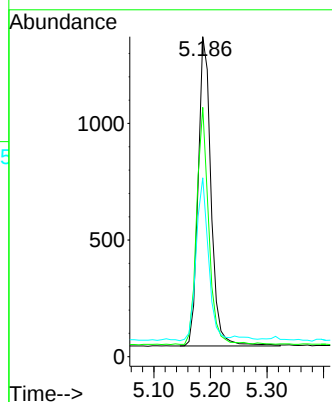
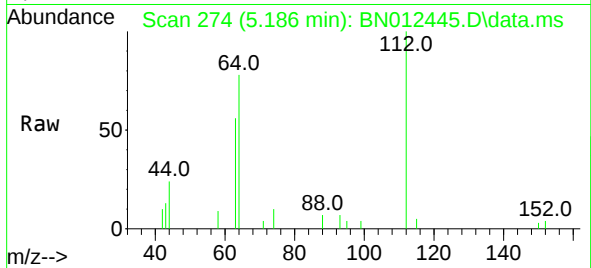




#4
2-Fluorophenol
Concen: 0.49 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

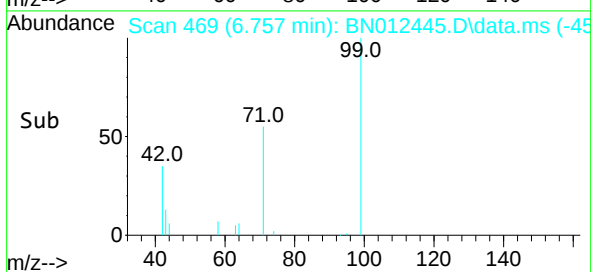
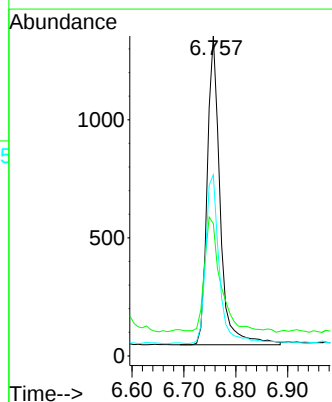
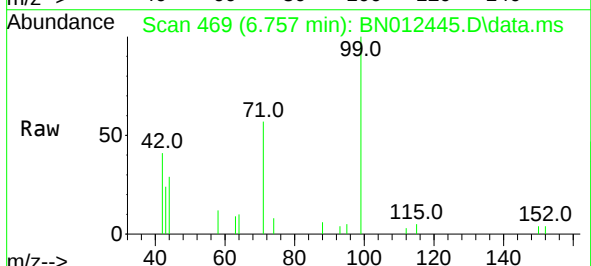
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC1-SO-0001

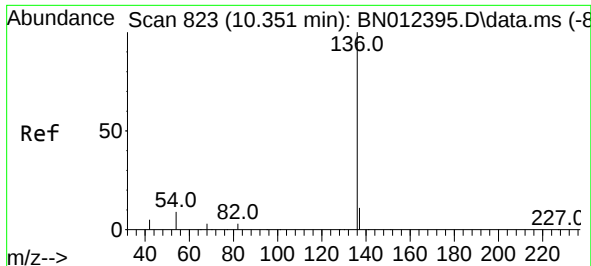
Tgt Ion:112 Resp: 2098
Ion Ratio Lower Upper
112 100
64 71.8 49.5 74.3
63 50.1 32.0 48.0#



#5
Phenol-d6
Concen: 0.44 ng
RT: 6.757 min Scan# 469
Delta R.T. -0.008 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

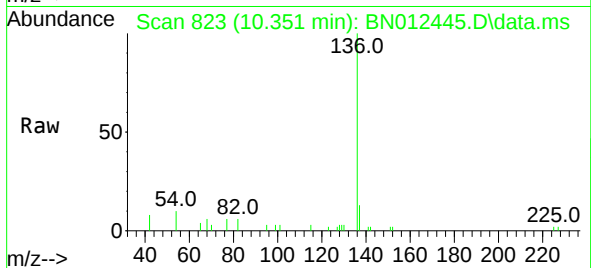
Tgt Ion: 99 Resp: 2261
Ion Ratio Lower Upper
99 100
42 47.5 22.4 33.6#
71 59.0 37.8 56.6#



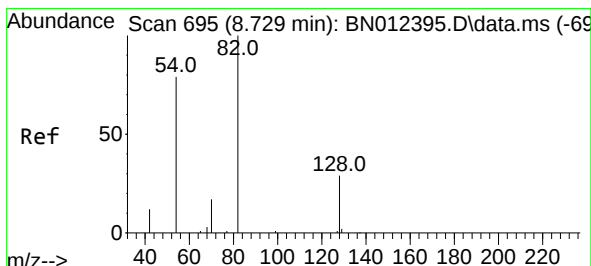
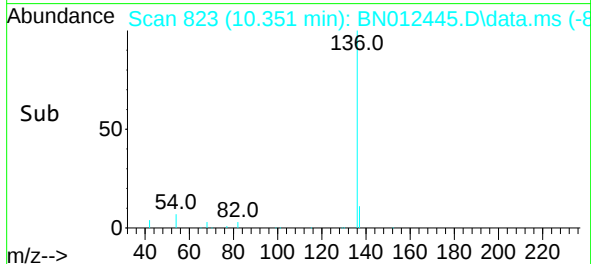
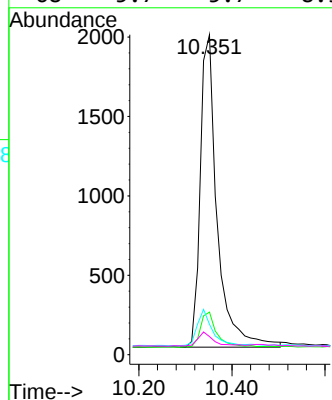


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.351 min Scan# 823
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC1-SO-0001

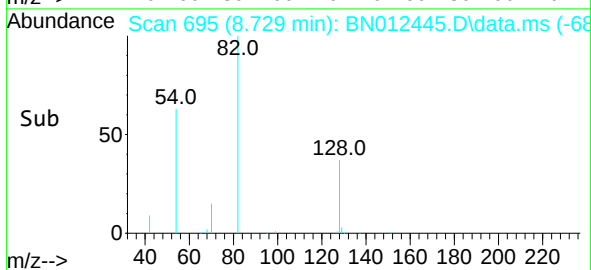
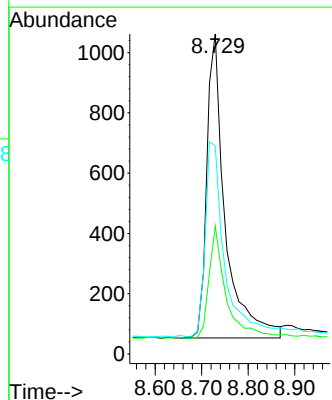
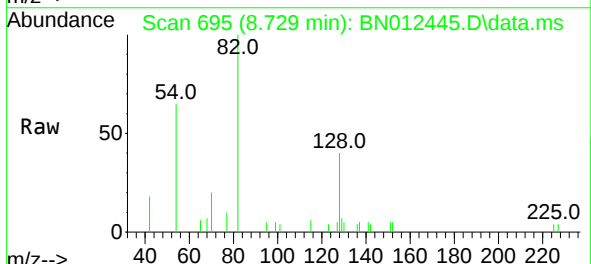


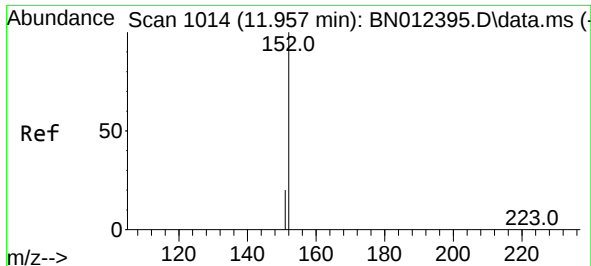
Tgt Ion:	136	Resp:	4961
Ion Ratio	Lower	Upper	
136	100		
137	13.3	10.6	15.8
54	9.5	8.6	12.8
68	5.7	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.51 ng
RT: 8.729 min Scan# 695
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:	82	Resp:	2781
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.6	46.0
54	65.1	48.3	72.5

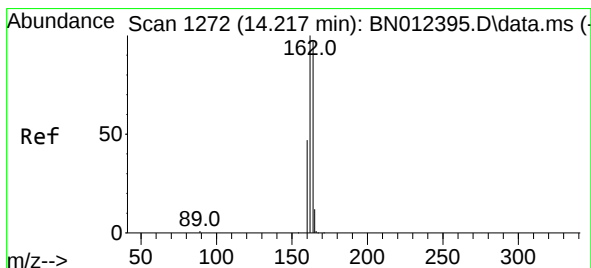
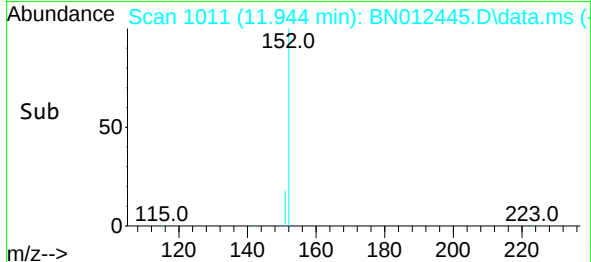
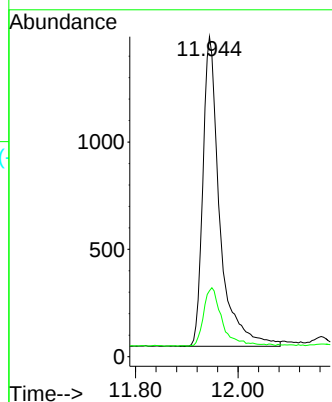
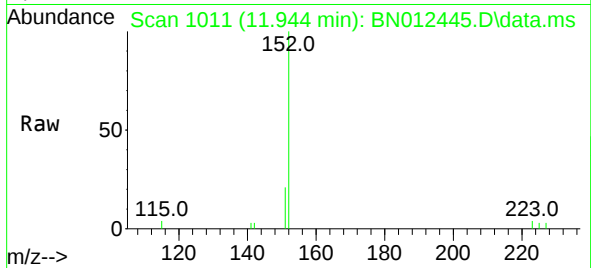




#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 11.944 min Scan# 1011
Delta R.T. -0.009 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

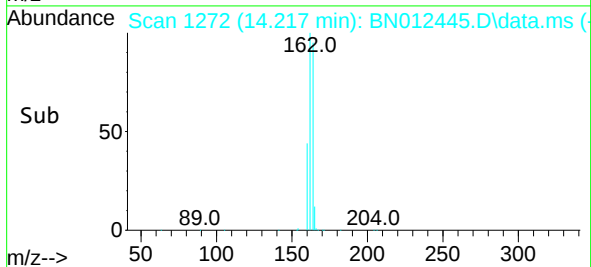
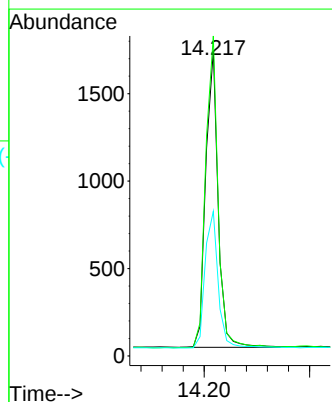
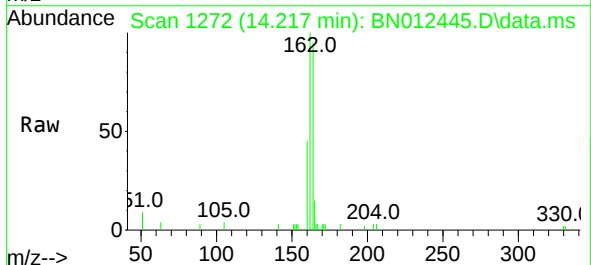
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC1-SO-0001

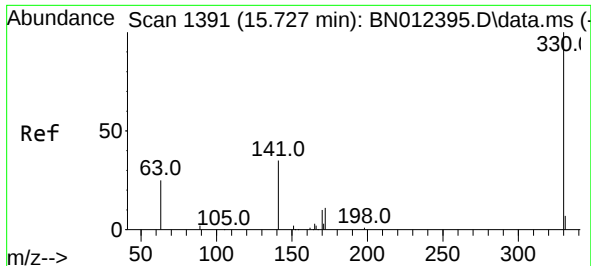
Tgt Ion:152 Resp: 3298
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:164 Resp: 2767
Ion Ratio Lower Upper
164 100
162 104.9 80.6 120.8
160 47.4 39.5 59.3

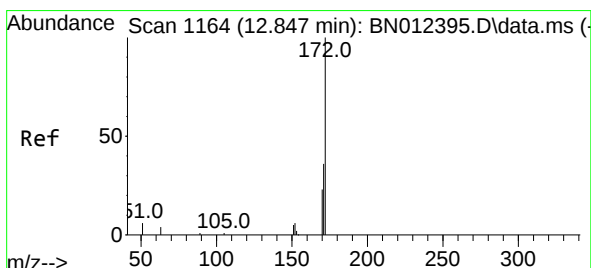
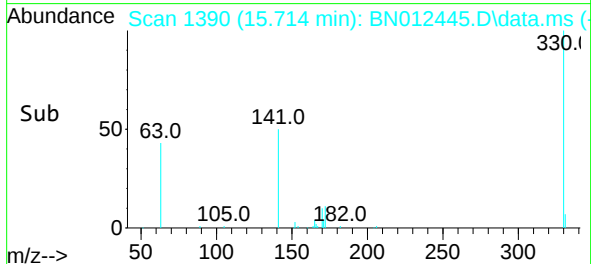
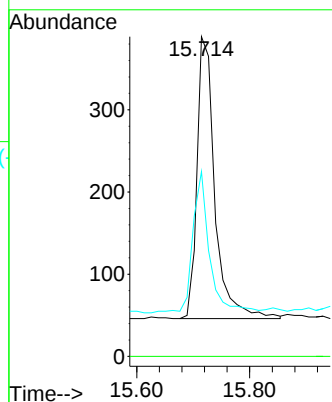
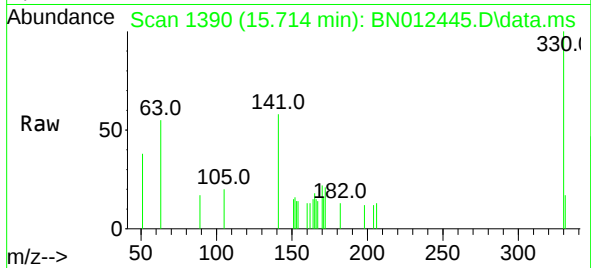




#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.714 min Scan# 1390
Delta R.T. -0.013 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

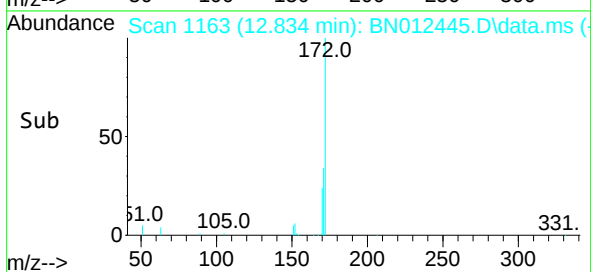
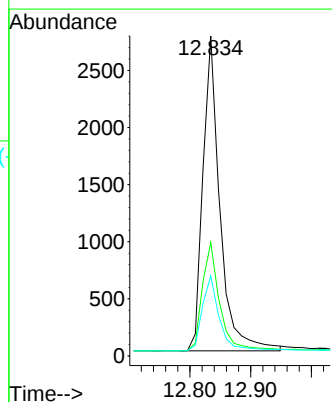
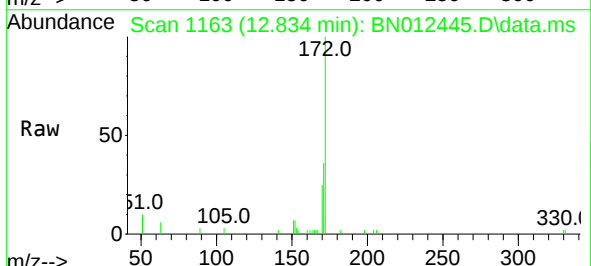
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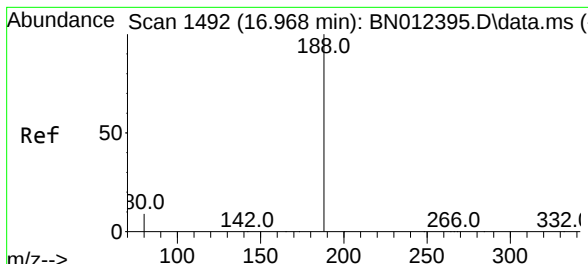
Tgt Ion:330 Resp: 756
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.8 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 12.834 min Scan# 1163
Delta R.T. -0.013 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:172 Resp: 5383
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 25.0 20.0 30.0

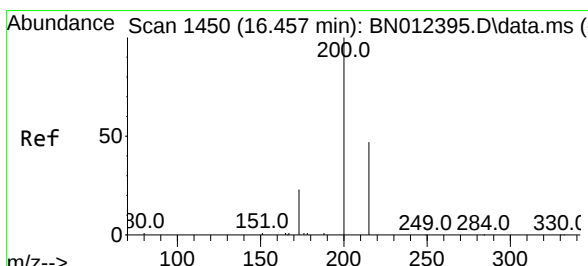
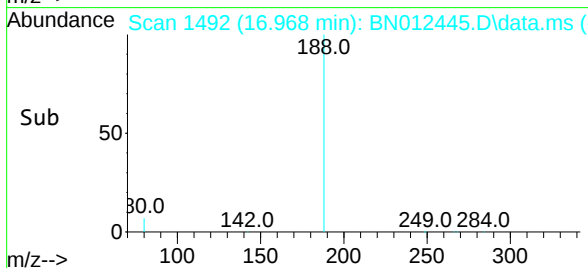
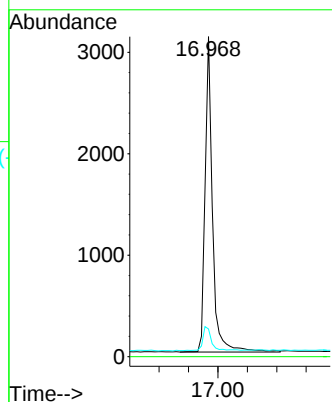
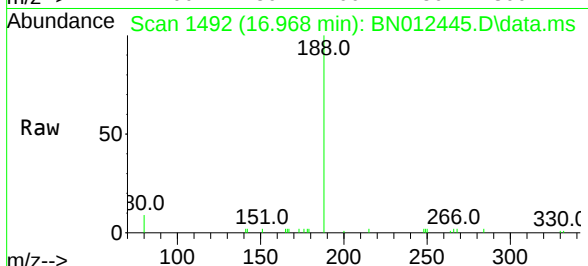




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

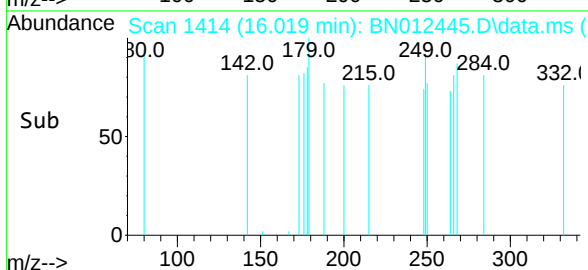
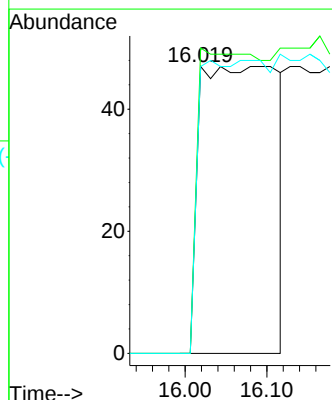
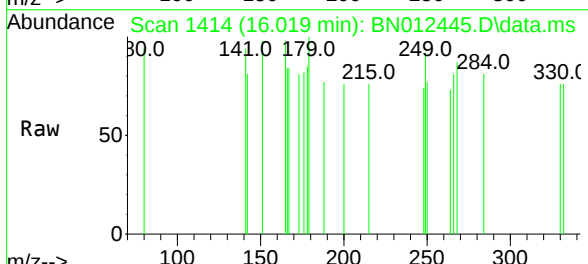
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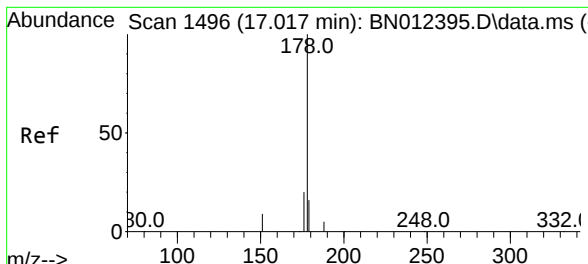
Tgt Ion:188 Resp: 5434
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 5.0 7.4#



#23
Atrazine
Concen: 0.10 ng
RT: 16.019 min Scan# 1414
Delta R.T. -0.438 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:200 Resp: 308
Ion Ratio Lower Upper
200 100
173 106.4 22.8 34.2#
215 100.0 38.1 57.1#

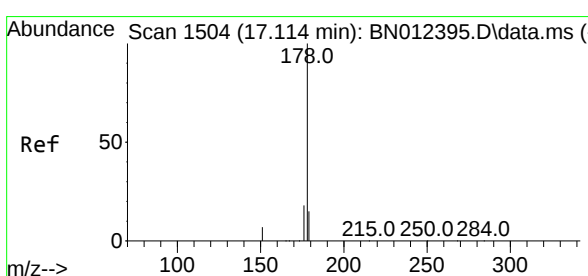
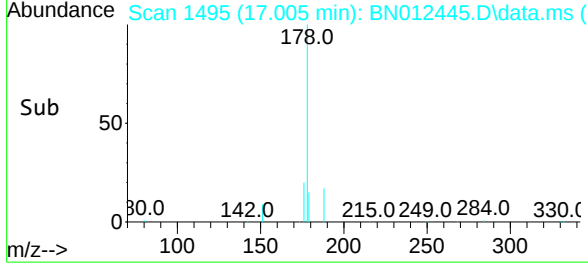
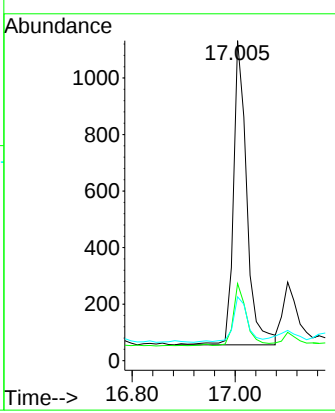
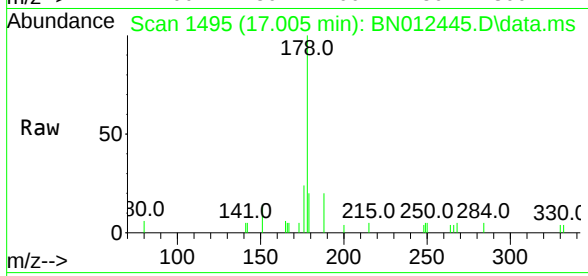




#25
 Phenanthrene
 Concen: 0.12 ng
 RT: 17.005 min Scan# 1495
 Delta R.T. -0.012 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21

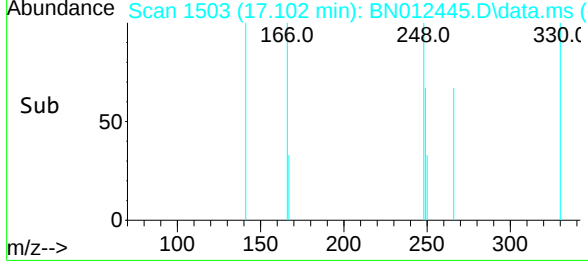
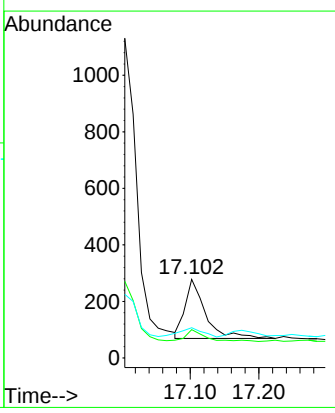
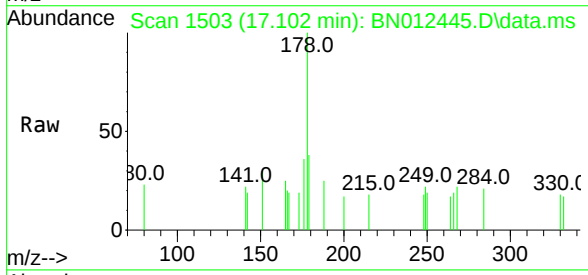
Instrument :
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 ClientSampleId :
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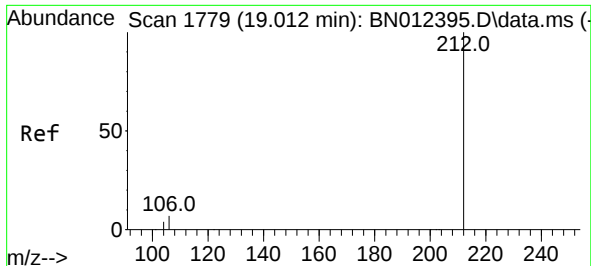
Tgt Ion:	178	Resp:	1938
Ion Ratio	Lower	Upper	
178	100		
176	19.6	14.8	22.2
179	16.4	12.4	18.6



#26
 Anthracene
 Concen: 0.03 ng
 RT: 17.102 min Scan# 1503
 Delta R.T. 0.000 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21

Tgt Ion:	178	Resp:	432
Ion Ratio	Lower	Upper	
178	100		
176	19.7	14.8	22.2
179	17.8	12.5	18.7

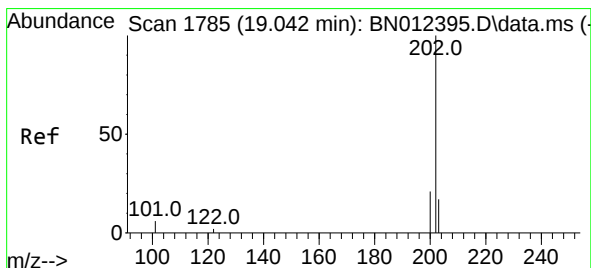
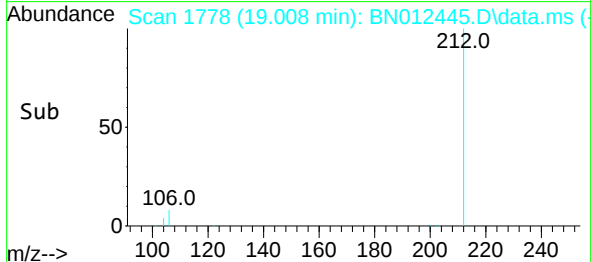
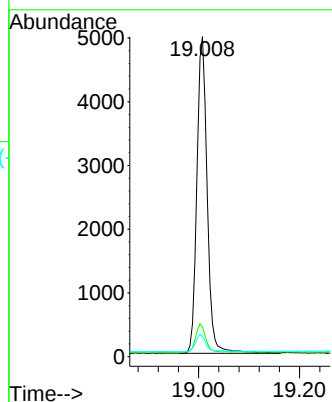
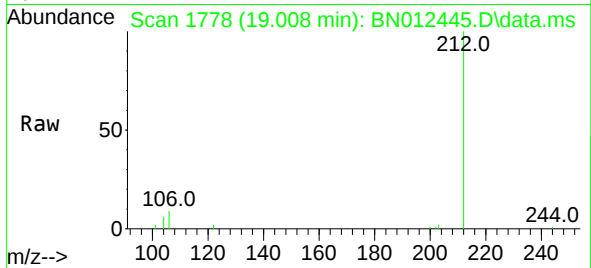




#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.008 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

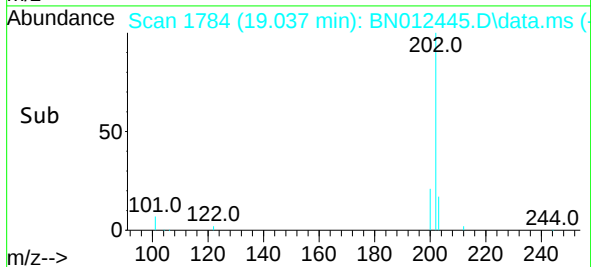
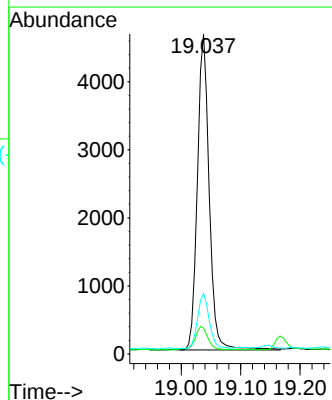
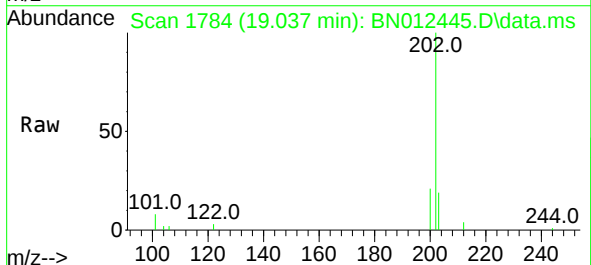
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC1-SO-0001

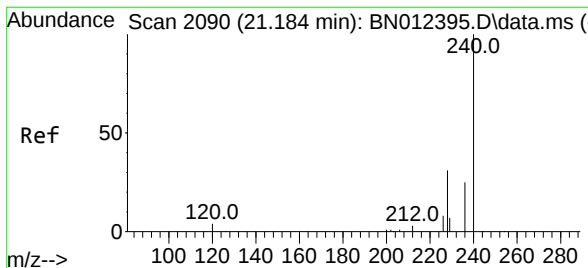
Tgt Ion:212 Resp: 7061
Ion Ratio Lower Upper
212 100
106 8.5 6.8 10.2
104 5.9 4.1 6.1



#28
Fluoranthene
Concen: 0.34 ng
RT: 19.037 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:202 Resp: 6411
Ion Ratio Lower Upper
202 100
101 8.1 5.8 8.6
203 17.0 13.7 20.5





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.174 min Scan# 2089

Delta R.T. 0.000 min

Lab File: BN012445.D

Acq: 29 Oct 2020 19:21

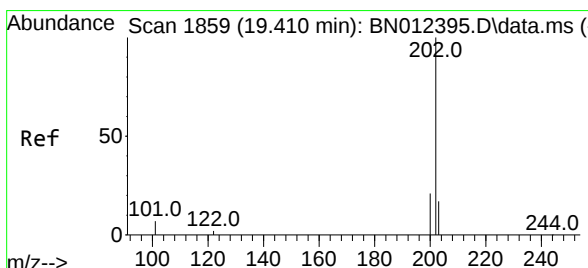
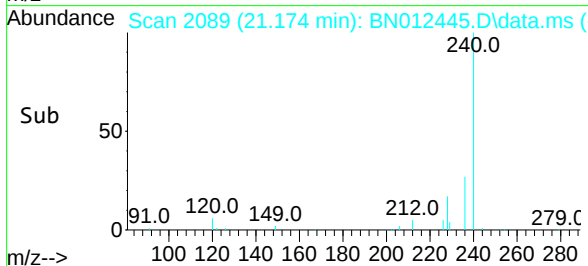
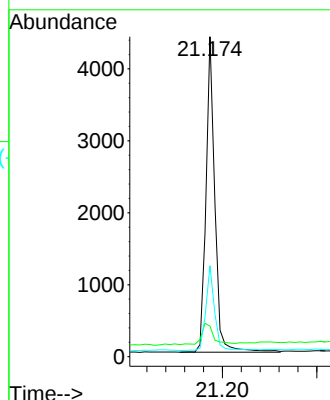
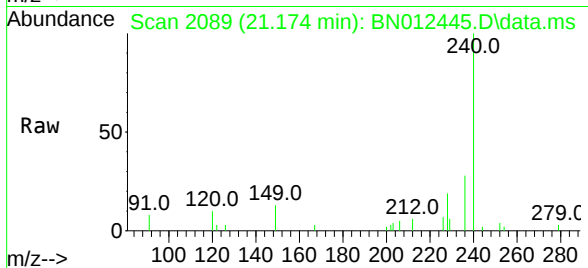
Tgt Ion:240 Resp: 5699

Ion Ratio Lower Upper

240 100

120 9.6 5.3 7.9#

236 28.4 21.8 32.8



#30

Pyrene

Concen: 0.29 ng

RT: 19.400 min Scan# 1857

Delta R.T. -0.010 min

Lab File: BN012445.D

Acq: 29 Oct 2020 19:21

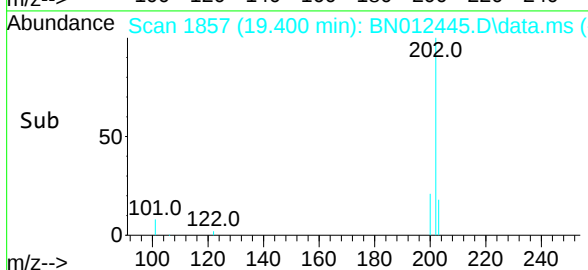
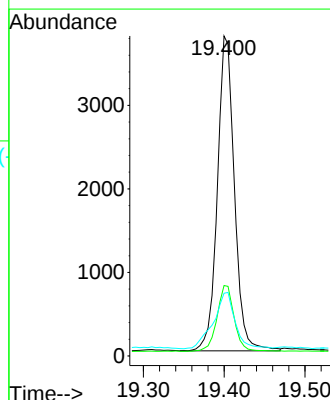
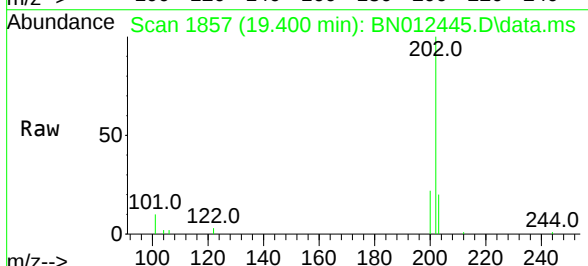
Tgt Ion:202 Resp: 5542

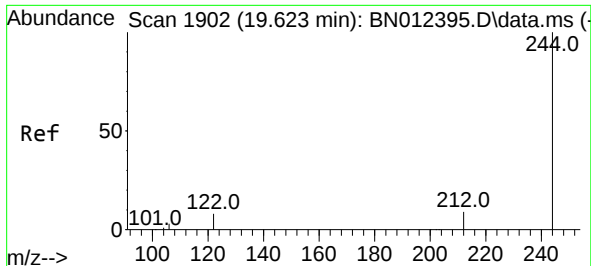
Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

203 22.7 13.8 20.8#

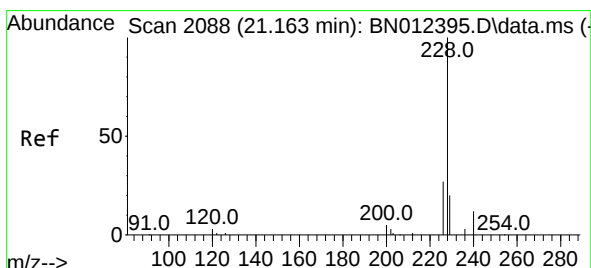
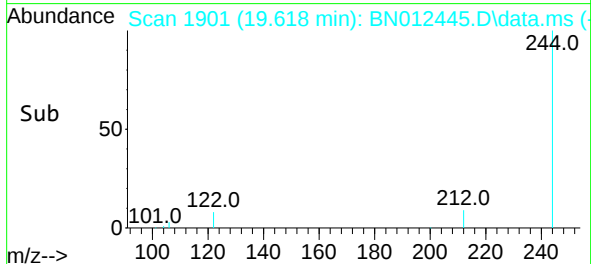
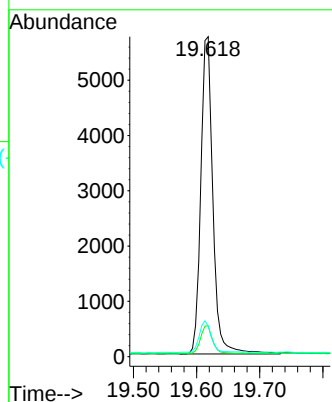
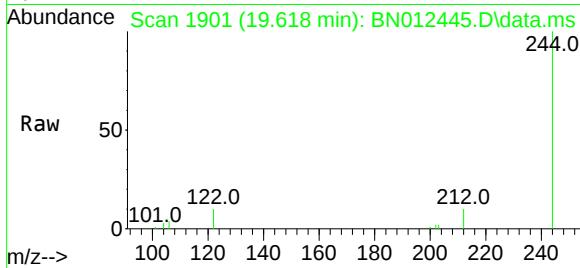




#31
 Terphenyl-d14
 Concen: 0.57 ng
 RT: 19.618 min Scan# 1901
 Delta R.T. -0.005 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21

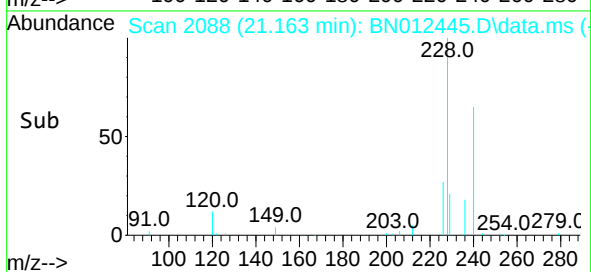
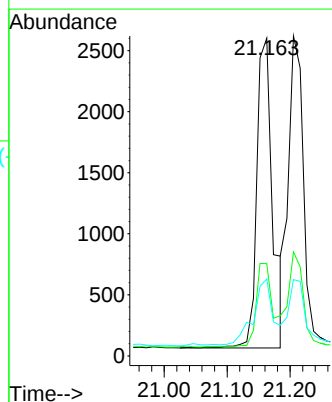
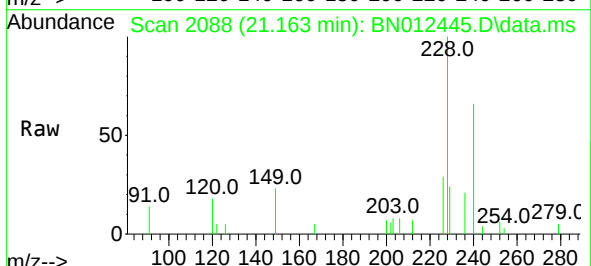
Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-LOC1-SO-0001

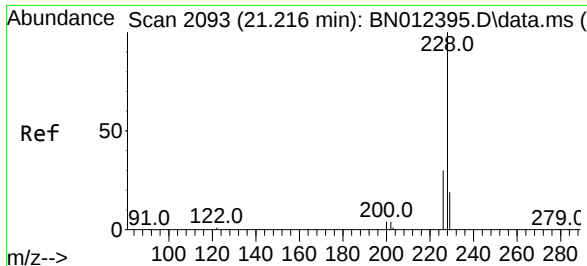
Tgt Ion:244	Resp:	7625
Ion Ratio	Lower	Upper
244	100	
212	9.7	7.3 10.9
122	9.5	7.3 10.9



#32
 Benzo(a)anthracene
 Concen: 0.26 ng
 RT: 21.163 min Scan# 2088
 Delta R.T. 0.000 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21

Tgt Ion:228	Resp:	4445
Ion Ratio	Lower	Upper
228	100	
226	29.1	22.3 33.5
229	24.2	15.7 23.5

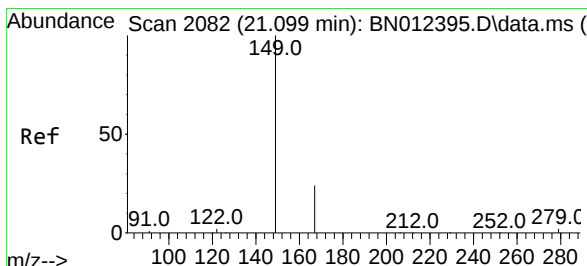
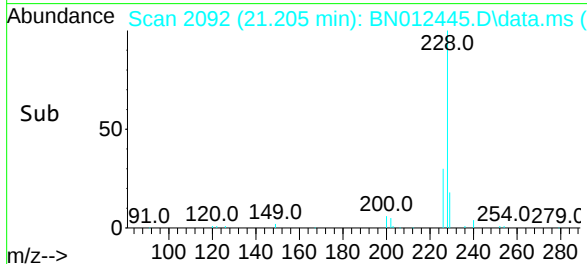
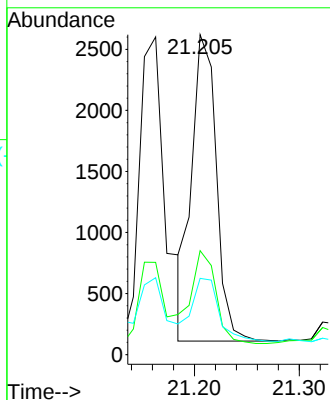
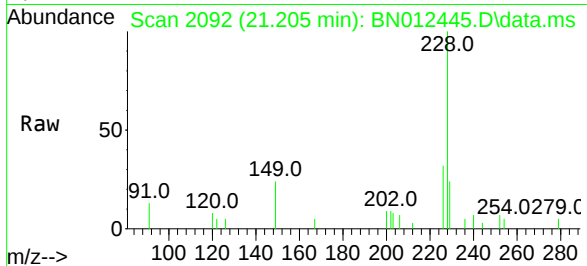




#33
Chrysene
Concen: 0.21 ng
RT: 21.205 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

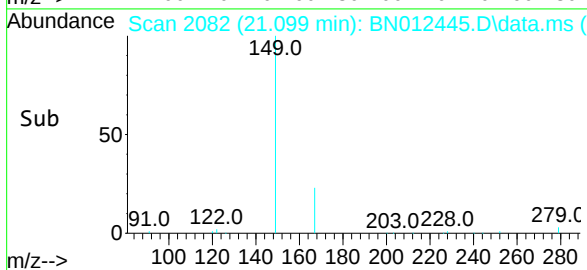
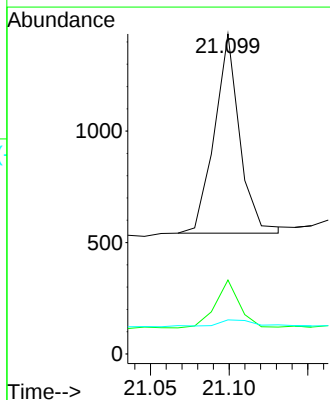
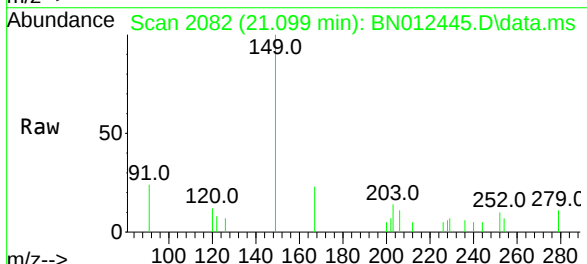
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC1-SO-0001

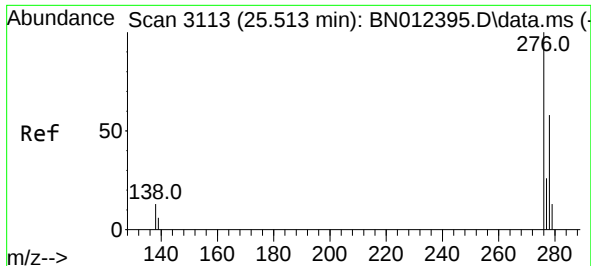
Tgt Ion:228 Resp: 4071
Ion Ratio Lower Upper
228 100
226 32.5 24.2 36.2
229 23.9 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.099 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:149 Resp: 1000
Ion Ratio Lower Upper
149 100
167 23.3 23.2 34.8
279 3.5 3.9 5.9#

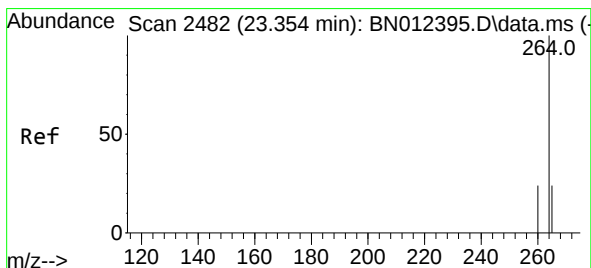
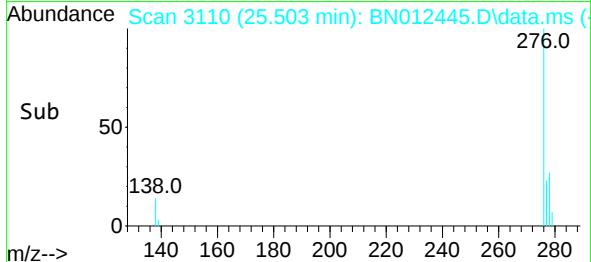
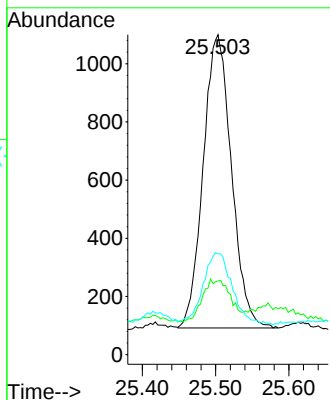
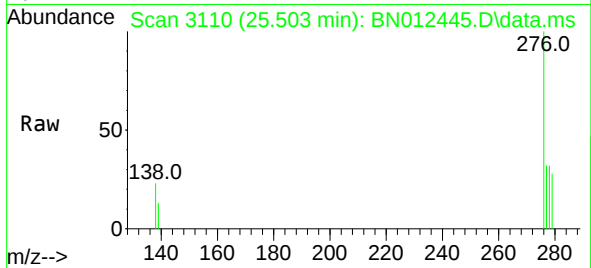




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.503 min Scan# 3110
Delta R.T. -0.007 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

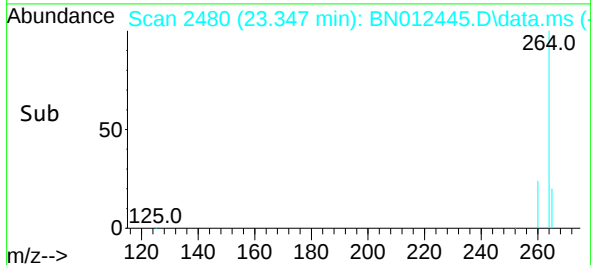
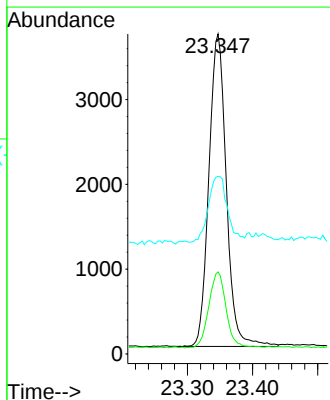
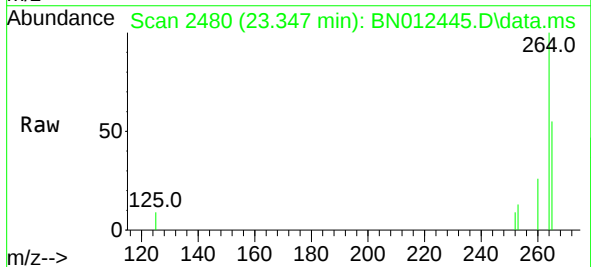
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC1-SO-0001

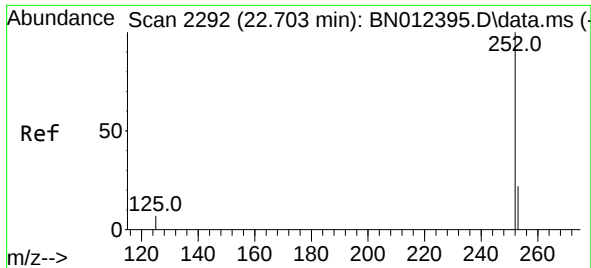
Tgt Ion:276 Resp: 2704
Ion Ratio Lower Upper
276 100
138 14.1 13.3 19.9
277 25.8 20.2 30.4



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.347 min Scan# 2480
Delta R.T. -0.007 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:264 Resp: 6844
Ion Ratio Lower Upper
264 100
260 25.6 19.8 29.6
265 55.5 51.4 77.0

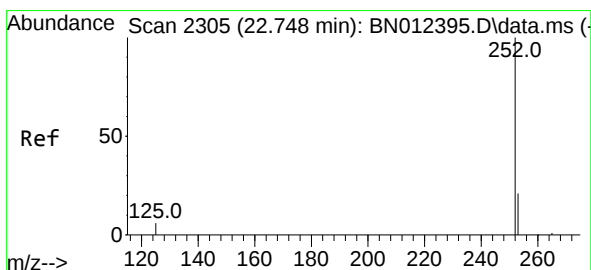
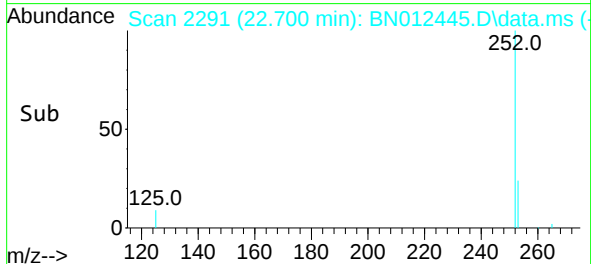
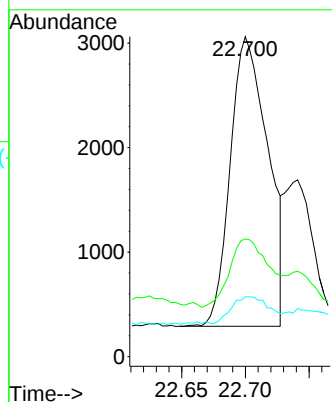
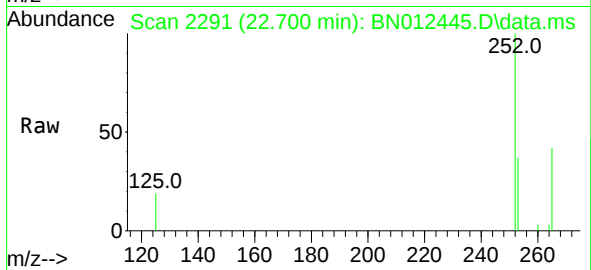




#37
Benzo(b)fluoranthene
Concen: 0.26 ng
RT: 22.700 min Scan# 2291
Delta R.T. -0.003 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

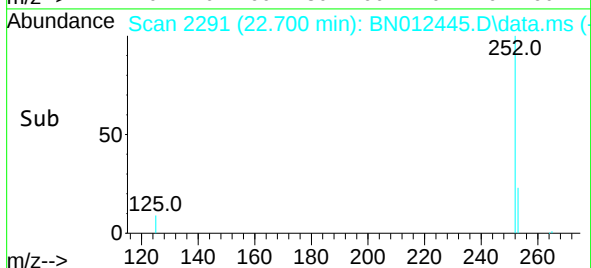
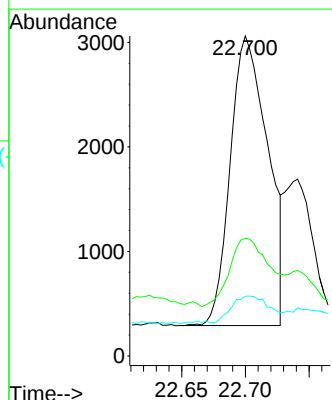
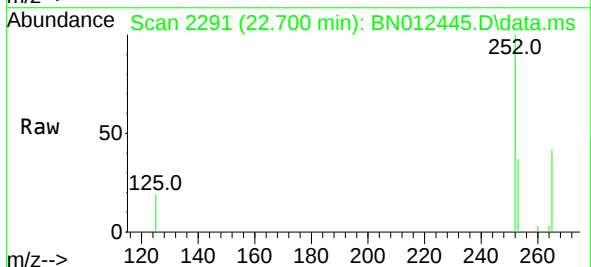
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC1-SO-0001

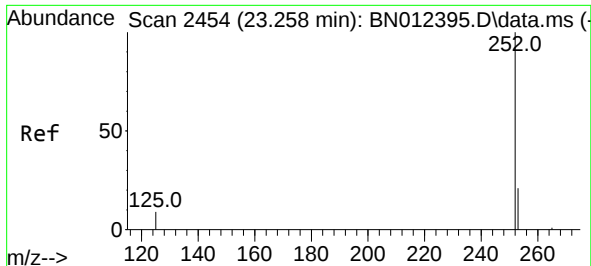
Tgt Ion:252 Resp: 5678
Ion Ratio Lower Upper
252 100
253 36.8 20.1 30.1#
125 18.7 7.2 10.8#



#38
Benzo(k)fluoranthene
Concen: 0.24 ng
RT: 22.700 min Scan# 2291
Delta R.T. -0.048 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:252 Resp: 5678
Ion Ratio Lower Upper
252 100
253 36.8 19.8 29.8#
125 18.7 7.1 10.7#





#39

Benzo(a)pyrene

Concen: 0.17 ng

RT: 23.251 min Scan# 2452

Delta R.T. -0.010 min

Lab File: BN012445.D

Acq: 29 Oct 2020 19:21

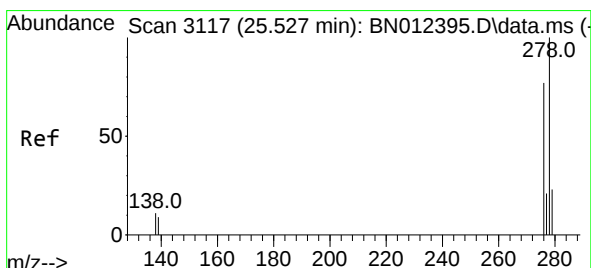
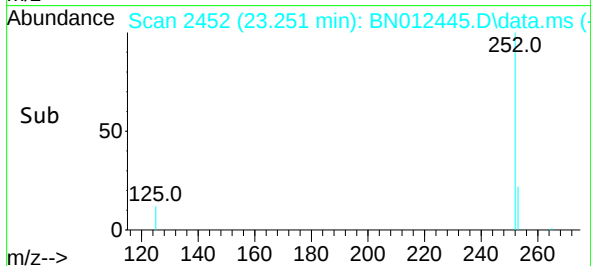
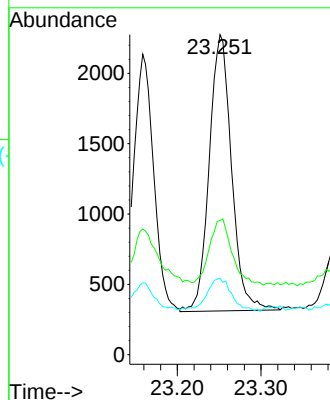
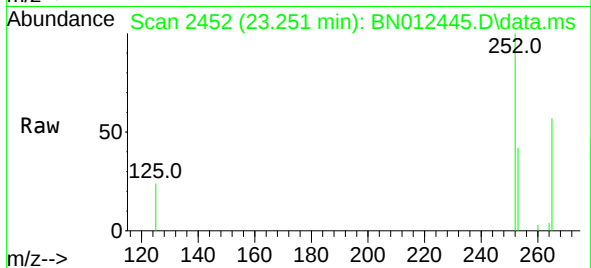
Tgt Ion:252 Resp: 3636

Ion Ratio Lower Upper

252 100

253 41.9 21.3 31.9#

125 24.0 8.3 12.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 25.510 min Scan# 3112

Delta R.T. -0.017 min

Lab File: BN012445.D

Acq: 29 Oct 2020 19:21

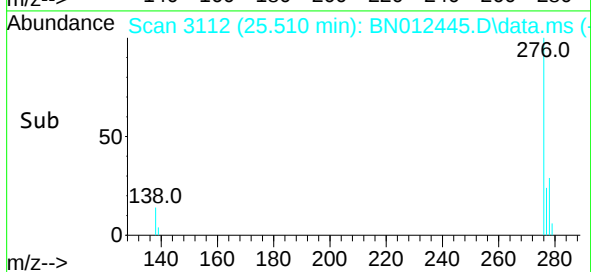
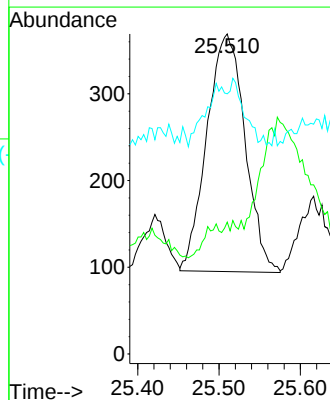
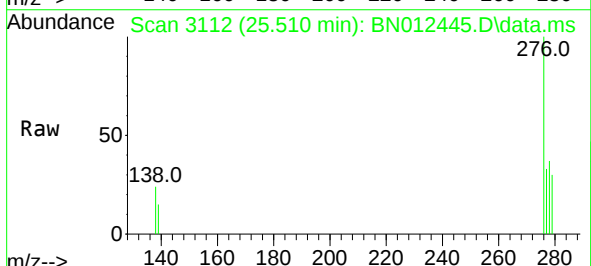
Tgt Ion:278 Resp: 894

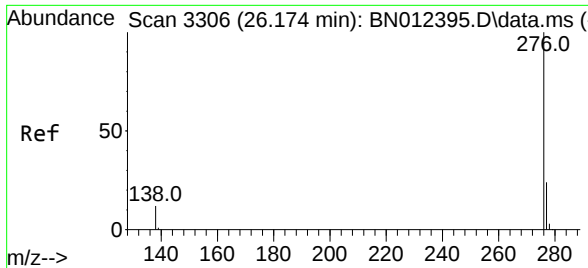
Ion Ratio Lower Upper

278 100

139 41.2 9.3 13.9#

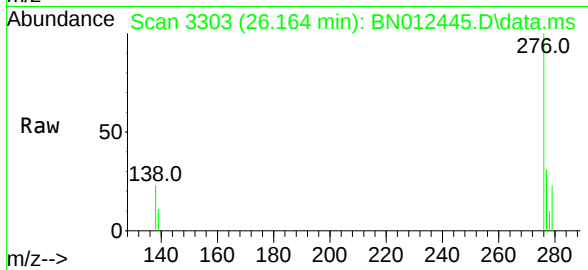
279 81.3 21.6 32.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.13 ng
 RT: 26.164 min Scan# 3303
 Delta R.T. -0.007 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21

Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-LOC1-SO-0001



Tgt Ion:	276	Resp:	3116
Ion Ratio	Lower	Upper	
276	100		
277	30.6	19.8	29.8#
138	23.4	11.7	17.5#

