

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102720\
 Data File : BN012408.D
 Acq On : 27 Oct 2020 13:44
 Operator : CG/JU
 Sample : L4214-02
 Misc : LOQ-SOIL-0.1NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Quant Time: Oct 27 14:18:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 11:36:24 2020
 Response via : Initial Calibration

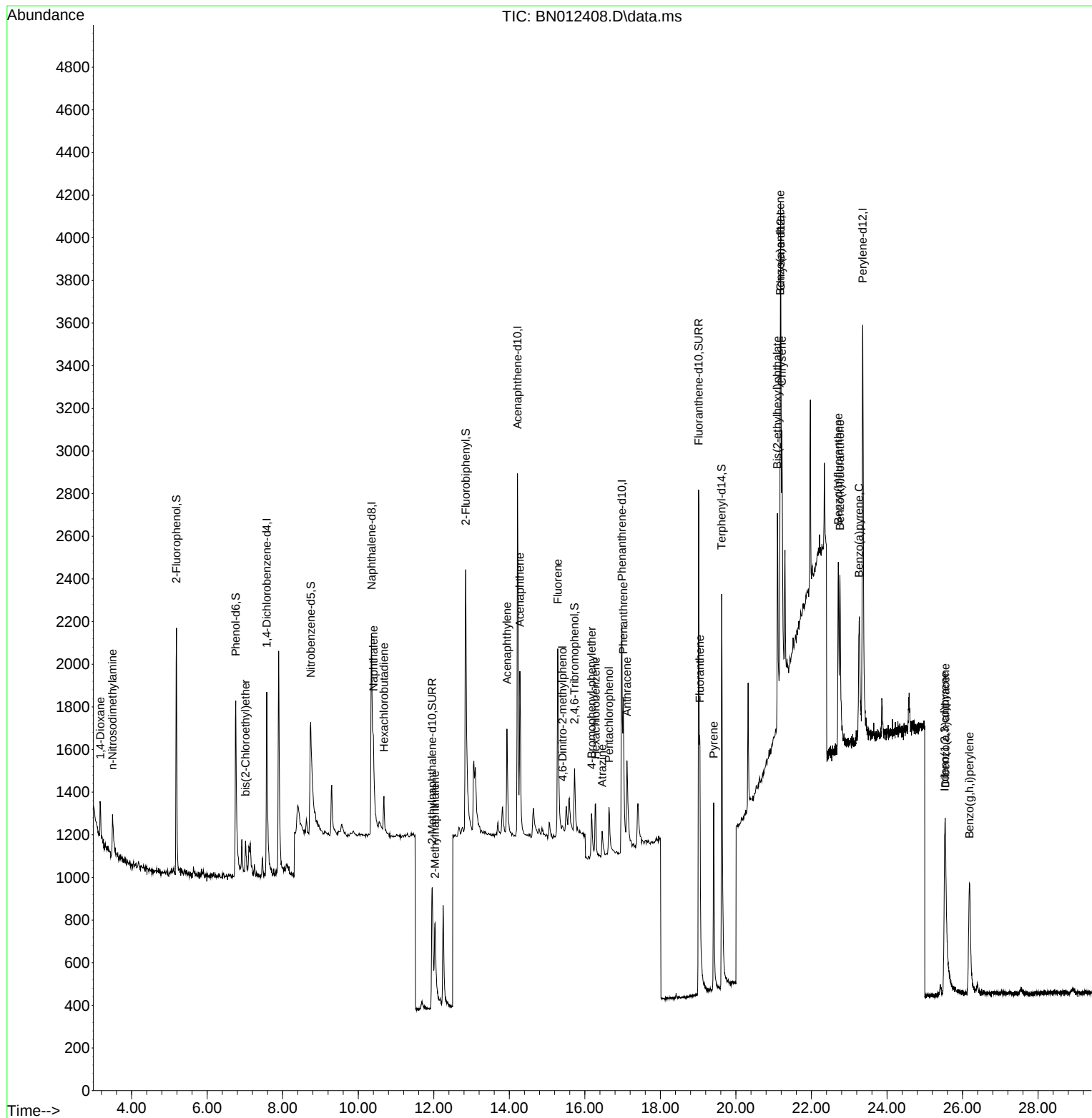
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

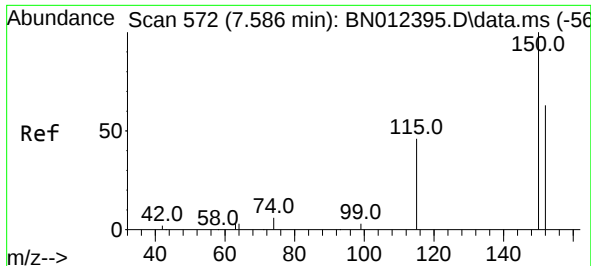
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	537	0.40	ng	# 0.00
7) Naphthalene-d8	10.351	136	2095	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	1228	0.40	ng	0.00
19) Phenanthrene-d10	16.980	188	2602	0.40	ng	# 0.01
29) Chrysene-d12	21.184	240	2722	0.40	ng	# 0.01
36) Perylene-d12	23.357	264	3174	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	796	0.42	ng	0.00
5) Phenol-d6	6.757	99	818	0.37	ng	0.00
8) Nitrobenzene-d5	8.742	82	914	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	11.953	152	1641	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.727	330	355	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.847	172	1887	0.41	ng	0.00
27) Fluoranthene-d10	19.013	212	4147	0.52	ng	0.00
31) Terphenyl-d14	19.623	244	3162	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	189	0.22	ng	# 83
3) n-Nitrosodimethylamine	3.495	42	256	0.12	ng	# 75
6) bis(2-Chloroethyl)ether	7.014	93	109	0.07	ng	# 68
9) Naphthalene	10.402	128	665	0.11	ng	# 66
10) Hexachlorobutadiene	10.681	225	138	0.11	ng	# 96
12) 2-Methylnaphthalene	12.033	142	434	0.11	ng	# 85
16) Acenaphthylene	13.938	152	706	0.12	ng	99
17) Acenaphthene	14.281	154	443	0.11	ng	89
18) Fluorene	15.283	166	542	0.11	ng	96
20) 4,6-Dinitro-2-methylph...	15.410	198	61	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.177	248	167	0.11	ng	# 83
22) Hexachlorobenzene	16.287	284	223	0.12	ng	# 82
23) Atrazine	16.457	200	166	0.11	ng	# 61
24) Pentachlorophenol	16.640	266	199	0.22	ng	95
25) Phenanthrene	17.017	178	825	0.11	ng	98
26) Anthracene	17.114	178	749	0.11	ng	97
28) Fluoranthene	19.047	202	1104	0.12	ng	99
30) Pyrene	19.415	202	1136	0.12	ng	98
32) Benzo(a)anthracene	21.174	228	881	0.11	ng	# 84
33) Chrysene	21.216	228	1218	0.13	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.099	149	960	0.18	ng	# 94
35) Indeno(1,2,3-cd)pyrene	25.527	276	1467	0.11	ng	# 88
37) Benzo(b)fluoranthene	22.714	252	1160	0.12	ng	# 45
38) Benzo(k)fluoranthene	22.755	252	1383	0.13	ng	# 49
39) Benzo(a)pyrene	23.265	252	1204	0.12	ng	# 19
40) Dibenzo(a,h)anthracene	25.548	278	1212	0.11	ng	# 28
41) Benzo(g,h,i)perylene	26.184	276	1457	0.13	ng	# 78

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

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 11:36:24 2020
Response via : Initial Calibration

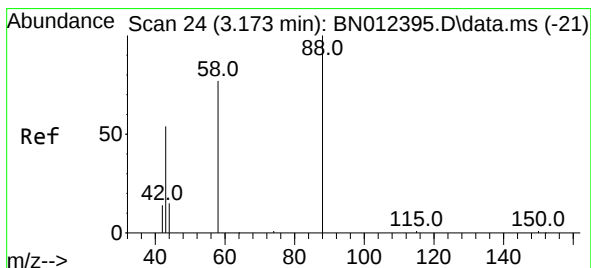
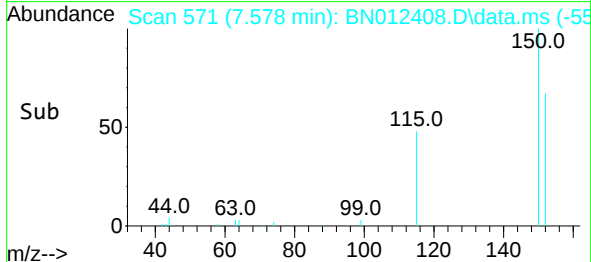
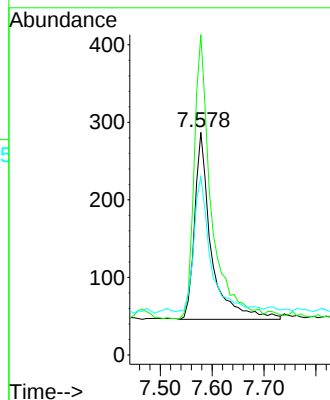
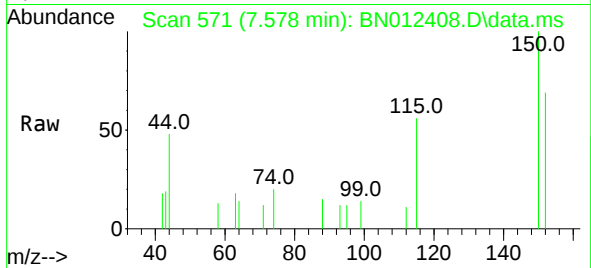




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

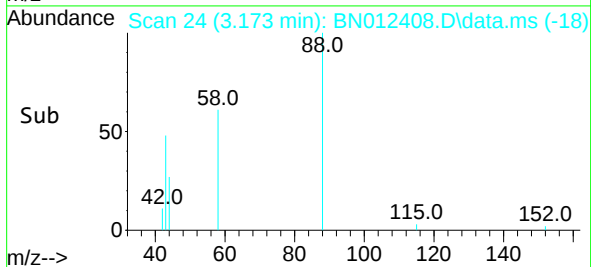
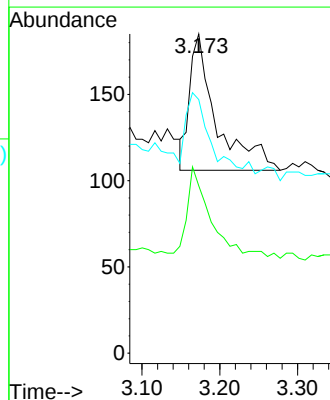
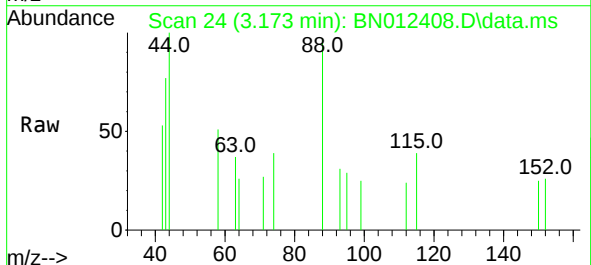
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

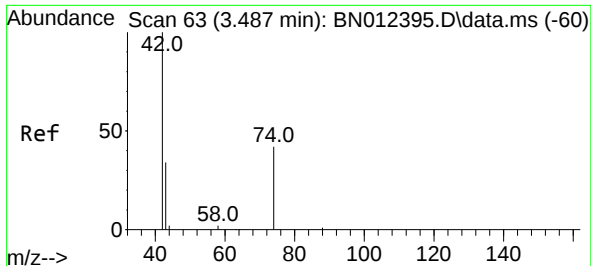
Tgt Ion: 152 Resp: 537
Ion Ratio Lower Upper
152 100
150 143.9 116.6 174.8
115 80.1 52.9 79.3#



#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.173 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion: 88 Resp: 189
Ion Ratio Lower Upper
88 100
58 60.8 59.4 89.2
43 52.9 32.3 48.5#

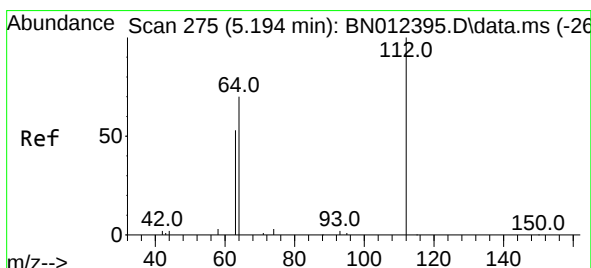
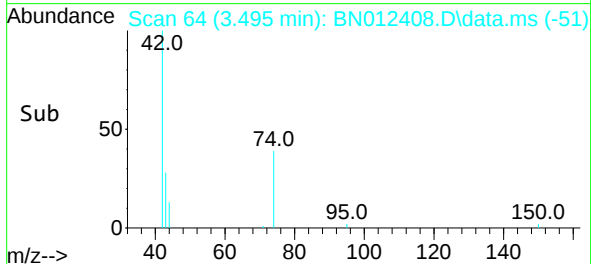
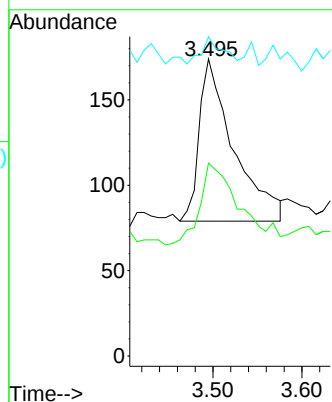
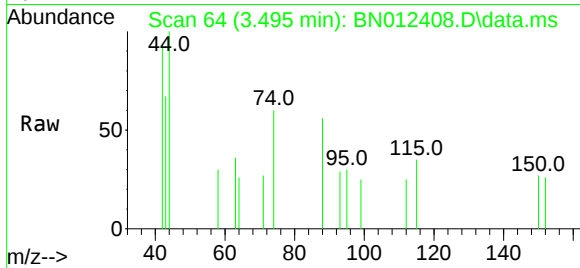




#3
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.495 min Scan# 64
Delta R.T. 0.008 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

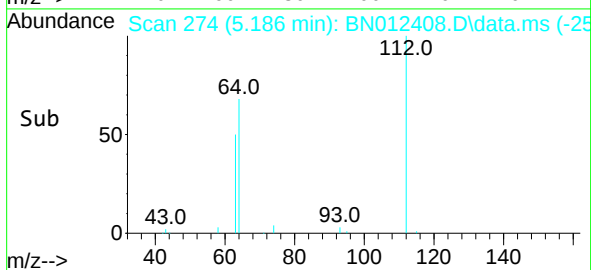
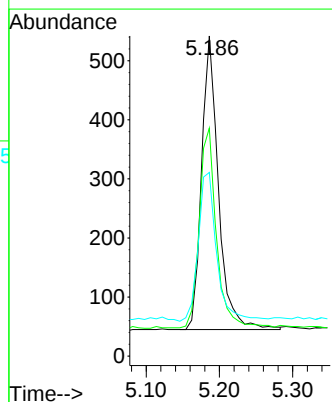
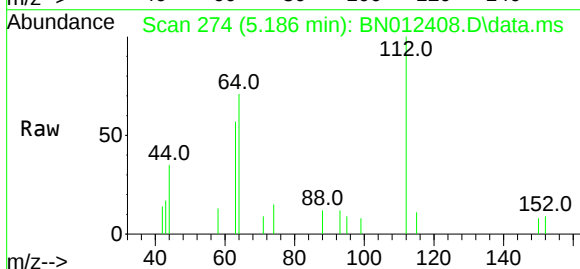
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:	42	Resp:	256
Ion	Ratio	Lower	Upper
42	100		
74	58.2	64.4	96.6#
44	9.8	2.8	4.2#



#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:	112	Resp:	796
Ion	Ratio	Lower	Upper
112	100		
64	69.1	49.5	74.3
63	55.7	32.0	48.0#

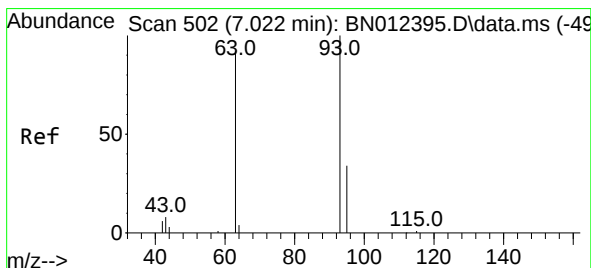
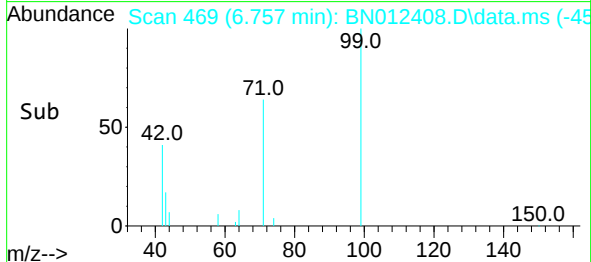
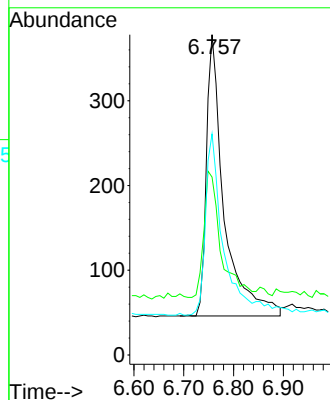
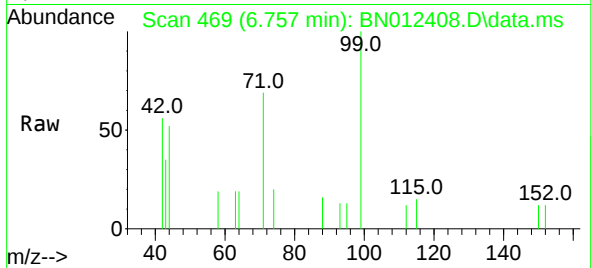




#5
Phenol-d6
Concen: 0.37 ng
RT: 6.757 min Scan# 469
Delta R.T. -0.008 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

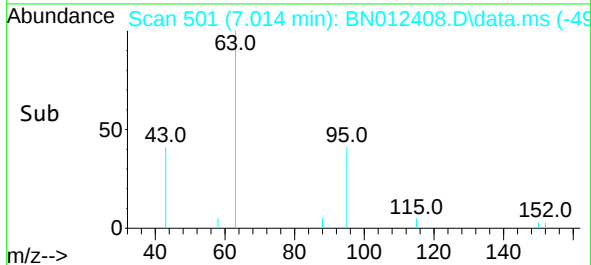
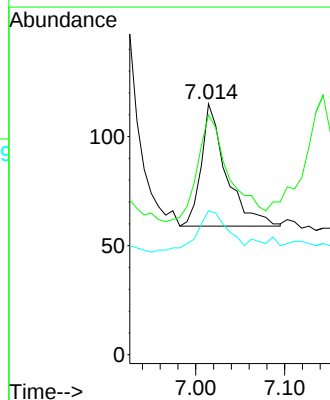
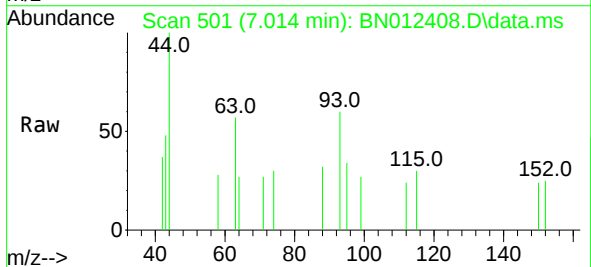
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

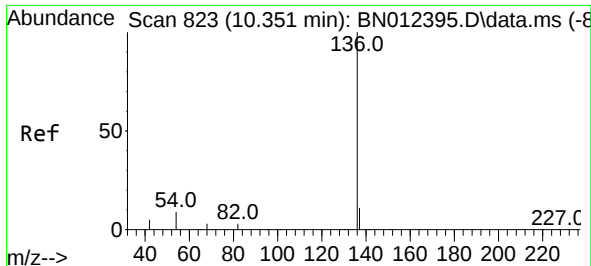
Tgt Ion: 99 Resp: 818
Ion Ratio Lower Upper
99 100
42 43.0 22.4 33.6#
71 68.2 37.8 56.6#



#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.014 min Scan# 501
Delta R.T. -0.008 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

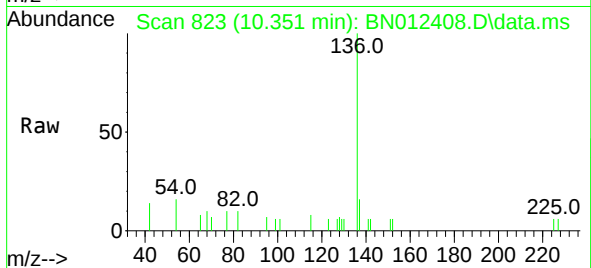
Tgt Ion: 93 Resp: 109
Ion Ratio Lower Upper
93 100
63 111.9 63.1 94.7#
95 43.1 26.1 39.1#



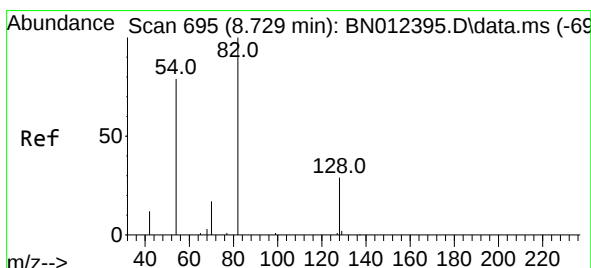
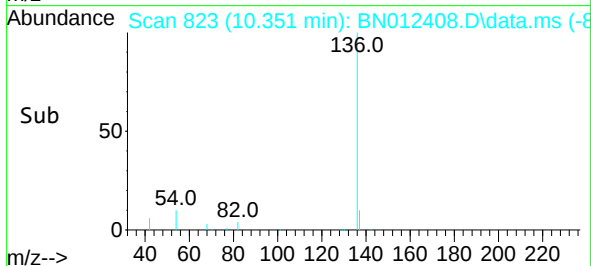
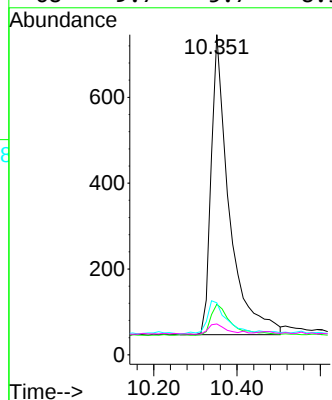


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.351 min Scan# 823
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

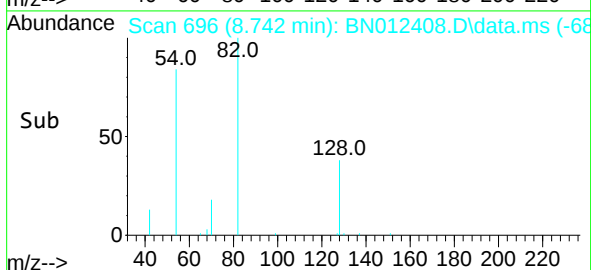
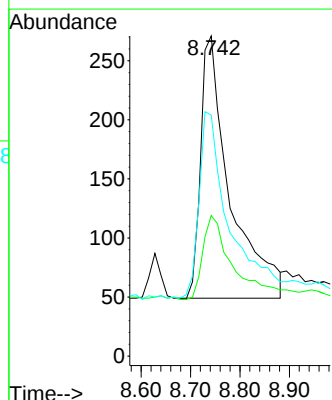
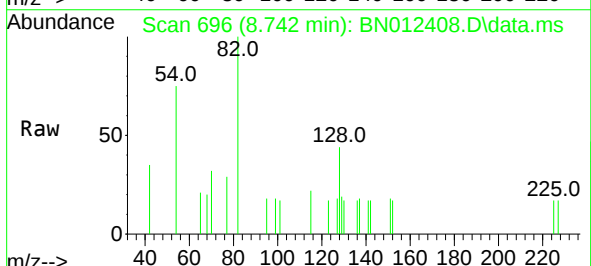


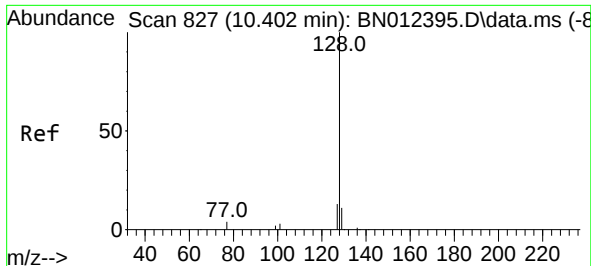
Tgt Ion	Ratio	Lower	Upper
136	100		
137	15.8	10.6	15.8
54	16.2	8.6	12.8#
68	9.7	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.742 min Scan# 696
Delta R.T. 0.013 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	30.6	46.0
54	75.3	48.3	72.5#

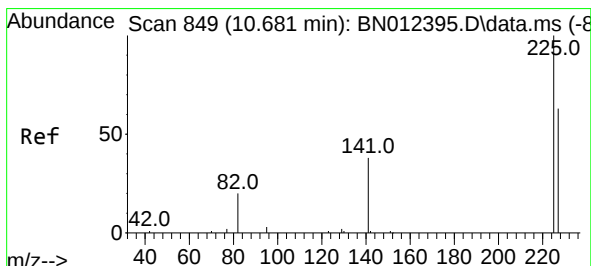
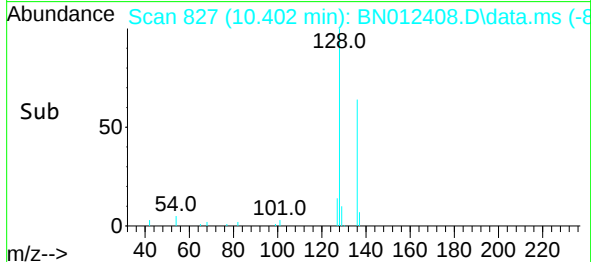
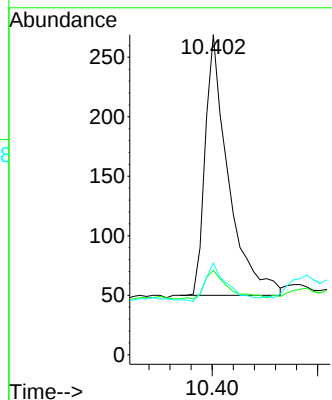
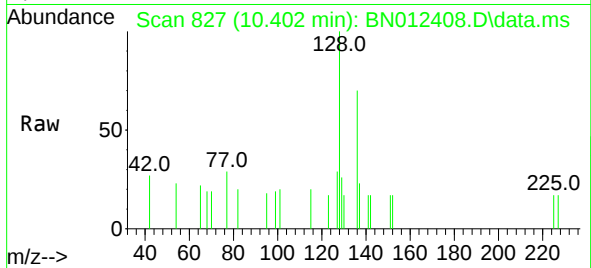




#9
Naphthalene
Concen: 0.11 ng
RT: 10.402 min Scan# 827
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

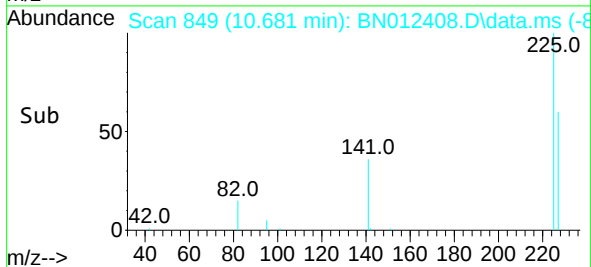
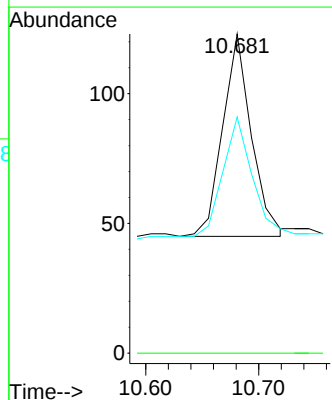
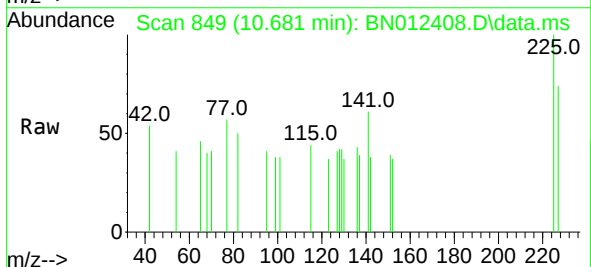
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

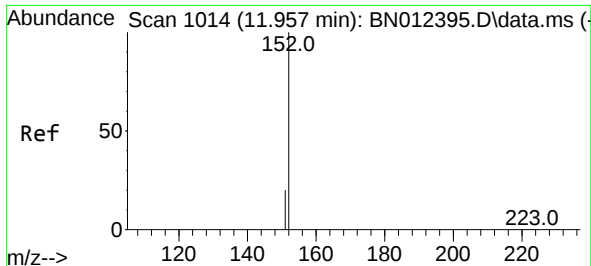
Tgt Ion:	128	Resp:	665
Ion Ratio	Lower	Upper	
128	100		
129	26.4	9.8	14.8#
127	28.6	12.2	18.4#



#10
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.681 min Scan# 849
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:	225	Resp:	138
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	60.9	51.0	76.6

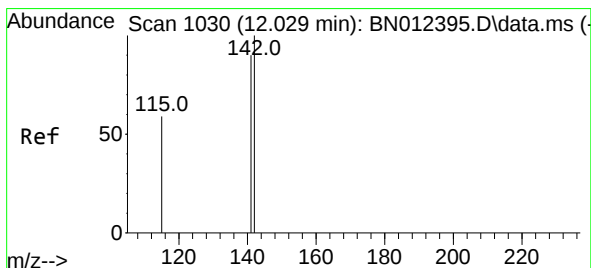
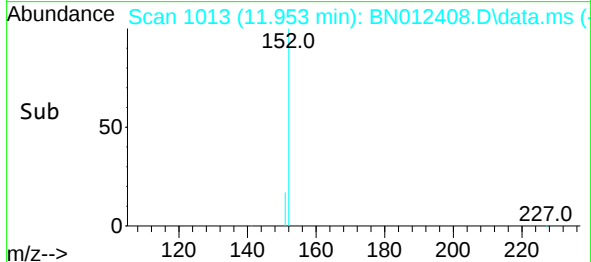
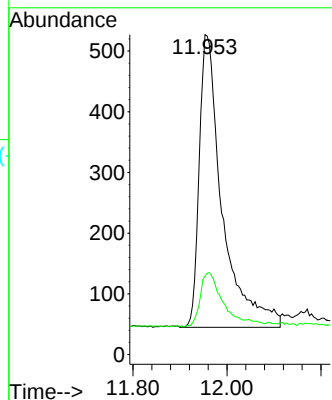
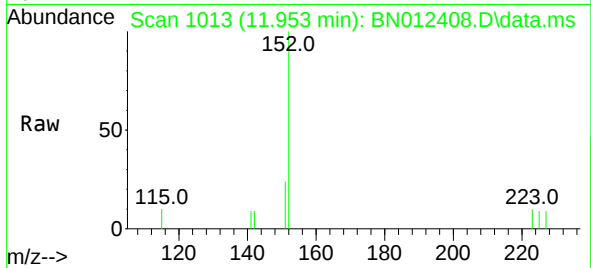




#11
2-Methylnaphthalene-d10
Concen: 0.49 ng
RT: 11.953 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

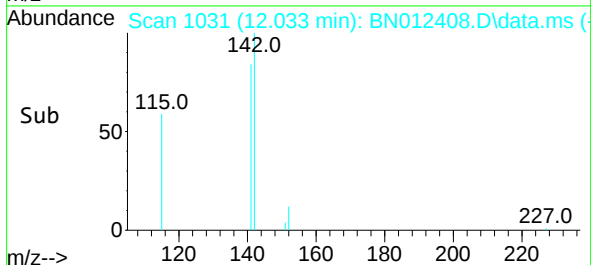
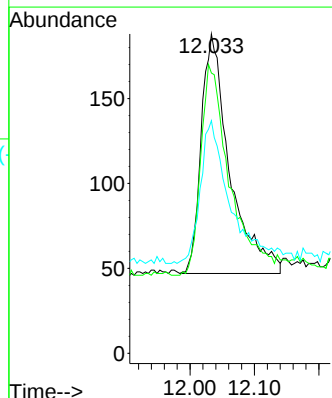
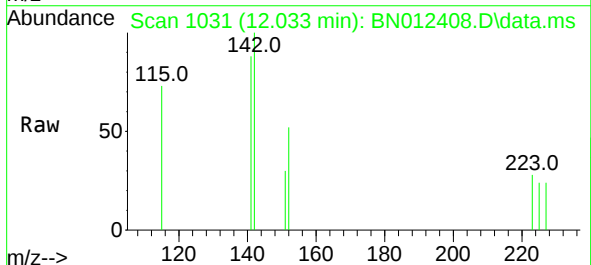
Instrument :
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LOQ-SOIL-02-QT4-2020

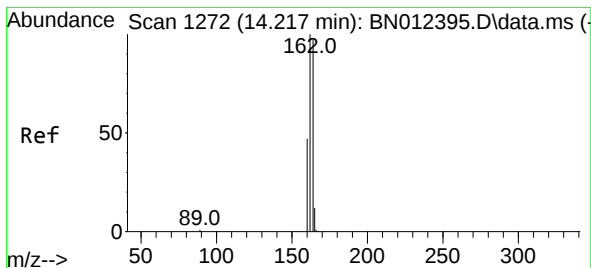
Tgt Ion:152 Resp: 1641
Ion Ratio Lower Upper
152 100
151 17.6 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.033 min Scan# 1031
Delta R.T. 0.009 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:142 Resp: 434
Ion Ratio Lower Upper
142 100
141 87.8 69.4 104.2
115 72.9 35.7 53.5#

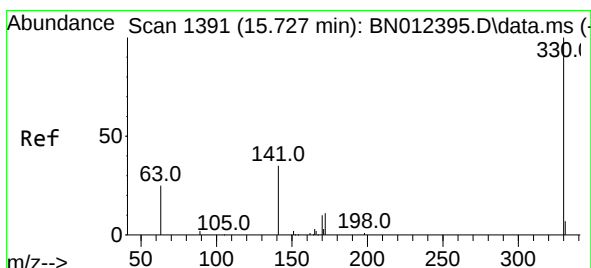
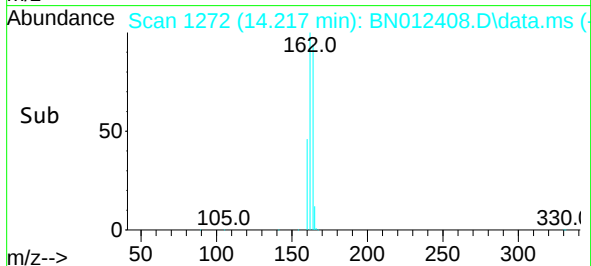
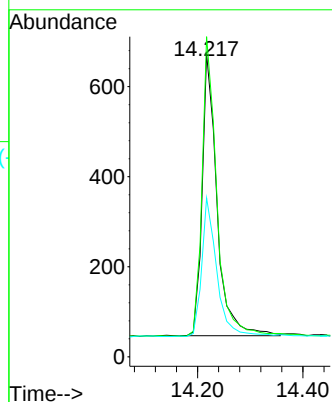
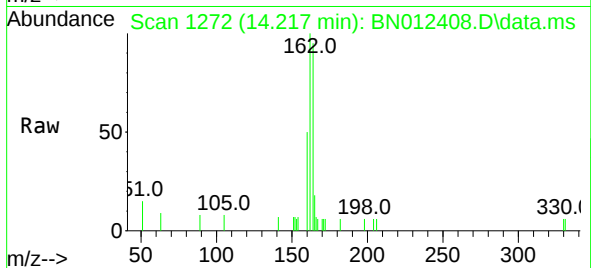




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

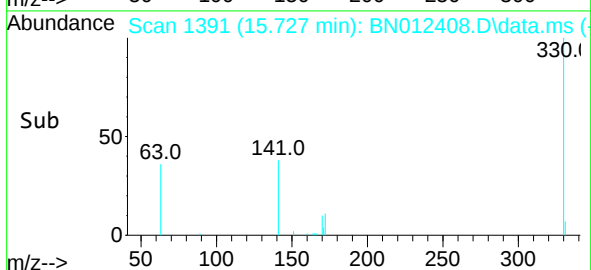
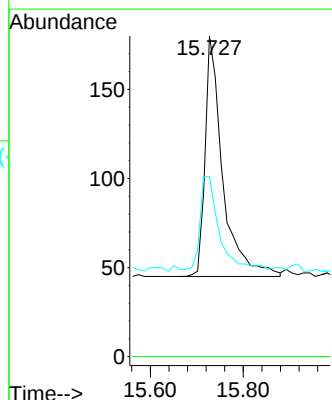
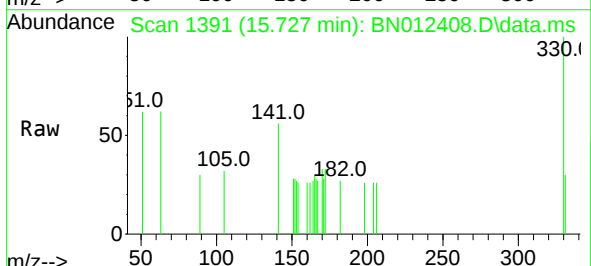
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

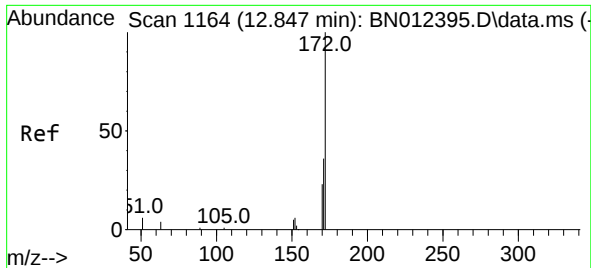
Tgt Ion:	164	Resp:	1228
Ion	Ratio	Lower	Upper
164	100		
162	105.6	80.6	120.8
160	52.5	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.727 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:	330	Resp:	355
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.8	34.4	51.6

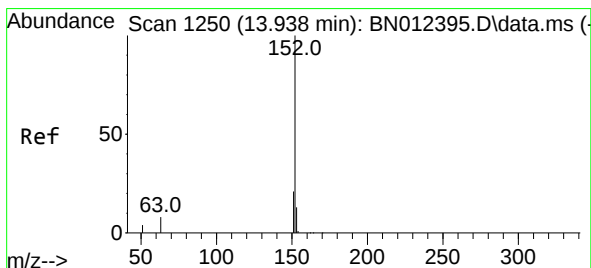
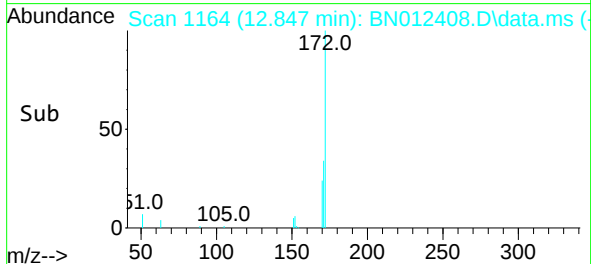
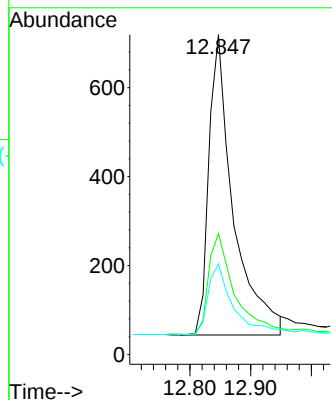
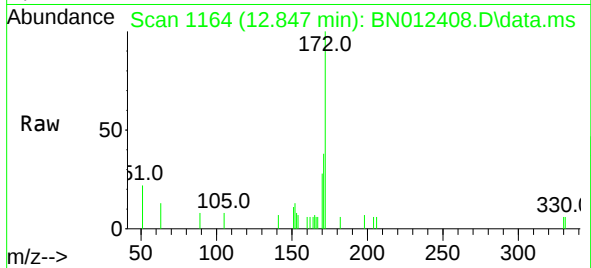




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.847 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

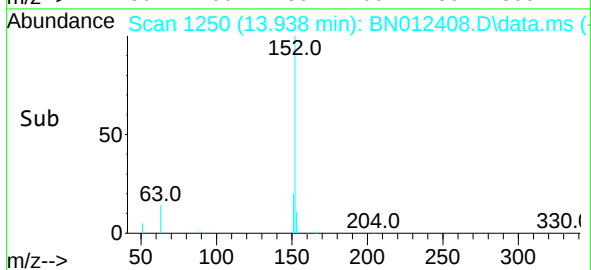
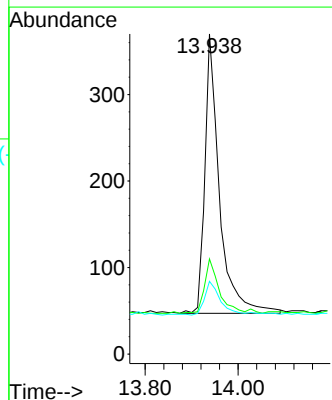
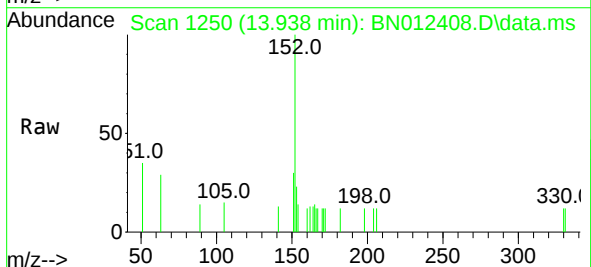
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

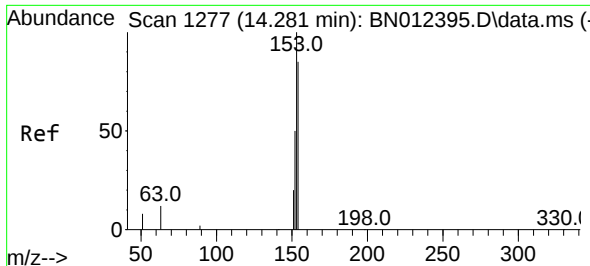
Tgt Ion:	172	Resp:	1887
Ion Ratio	Lower	Upper	
172	100		
171	37.8	28.2	42.4
170	28.4	20.0	30.0



#16
Acenaphthylene
Concen: 0.12 ng
RT: 13.938 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:	152	Resp:	706
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	14.2	10.6	16.0

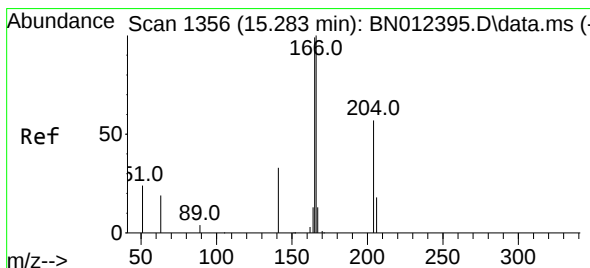
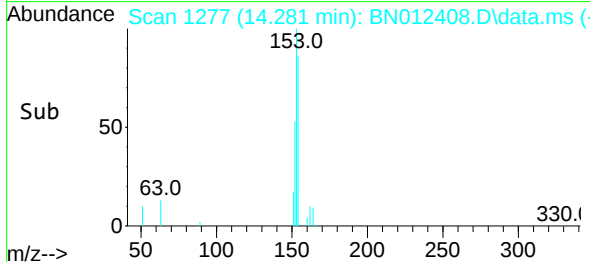
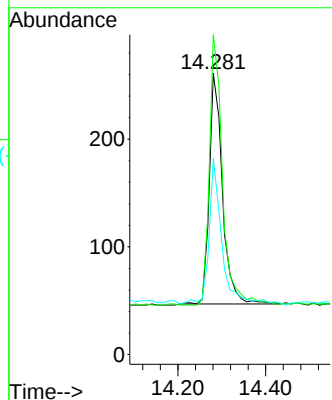
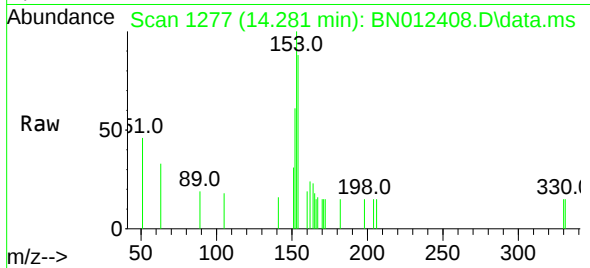




#17
Acenaphthene
Concen: 0.11 ng
RT: 14.281 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

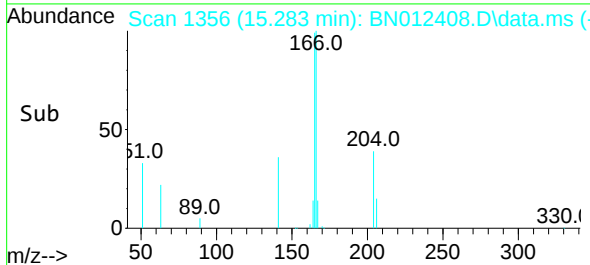
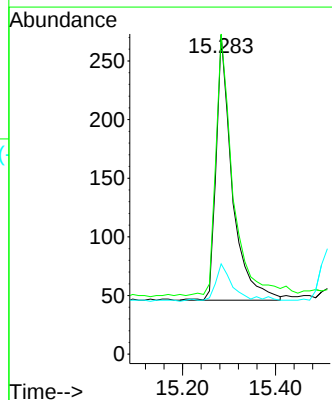
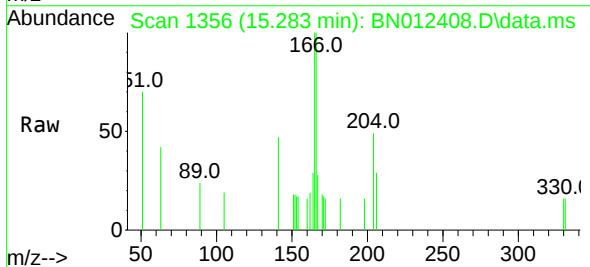
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

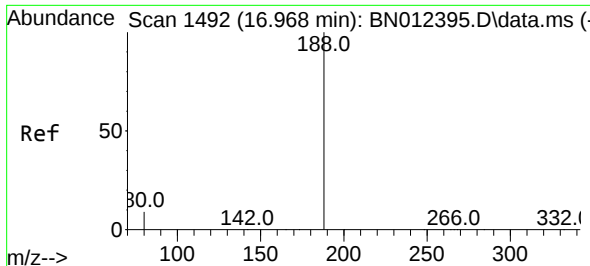
Tgt Ion:154 Resp: 443
Ion Ratio Lower Upper
154 100
153 118.1 83.6 125.4
152 60.7 43.9 65.9



#18
Fluorene
Concen: 0.11 ng
RT: 15.283 min Scan# 1356
Delta R.T. 0.013 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:166 Resp: 542
Ion Ratio Lower Upper
166 100
165 102.8 78.6 118.0
167 14.9 10.7 16.1

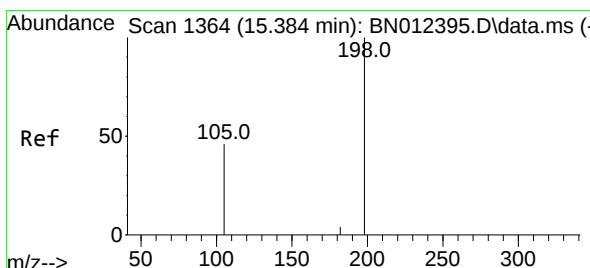
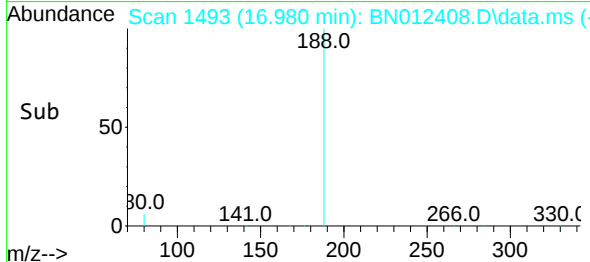
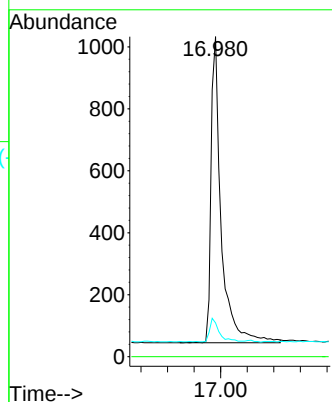
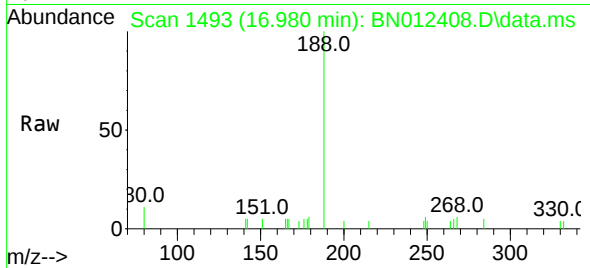




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.980 min Scan# 1493
Delta R.T. 0.012 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

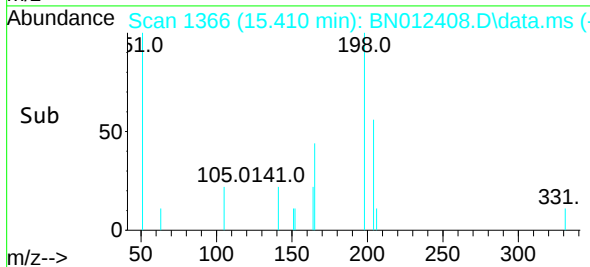
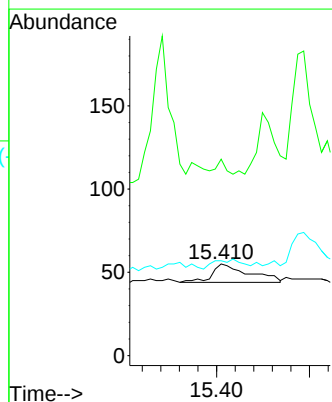
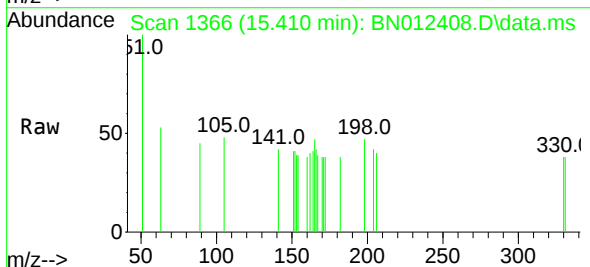
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

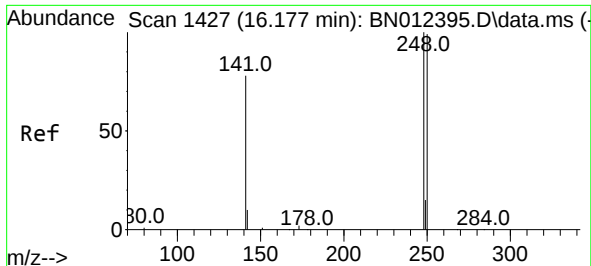
Tgt Ion:188 Resp: 2602
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.410 min Scan# 1366
Delta R.T. 0.025 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
51 214.5 43.5 65.3#
105 103.6 27.2 40.8#

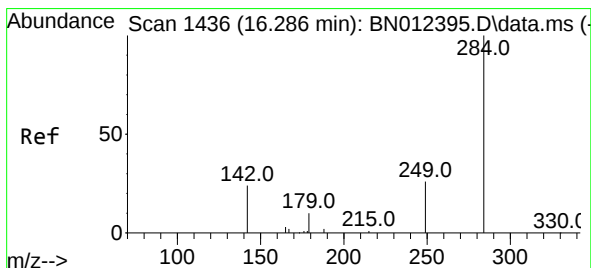
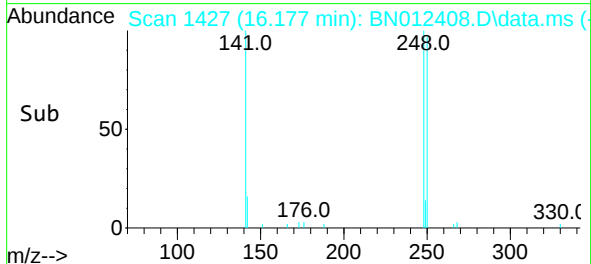
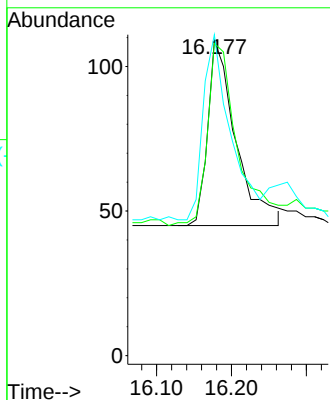
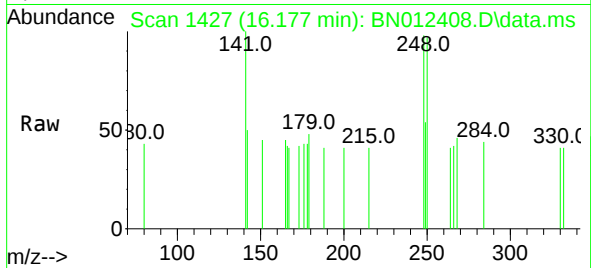




#21
4-Bromophenyl-phenylether
Concen: 0.11 ng
RT: 16.177 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

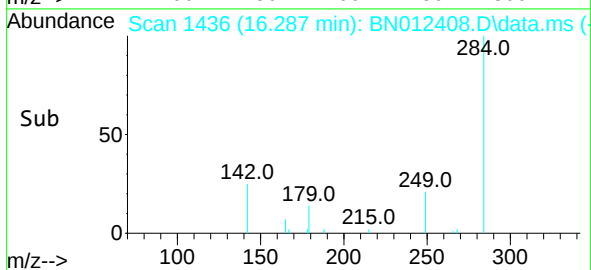
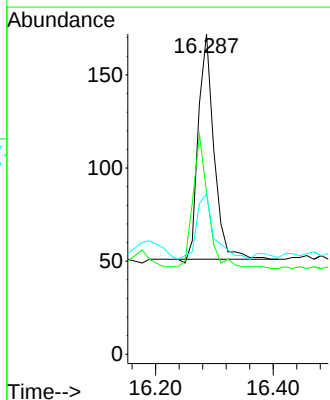
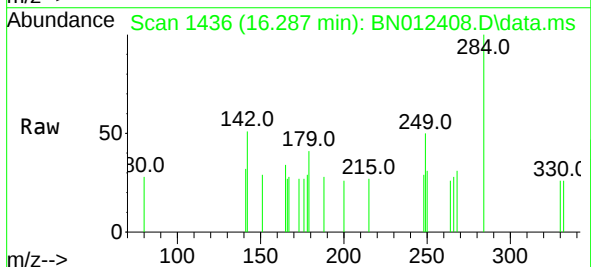
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

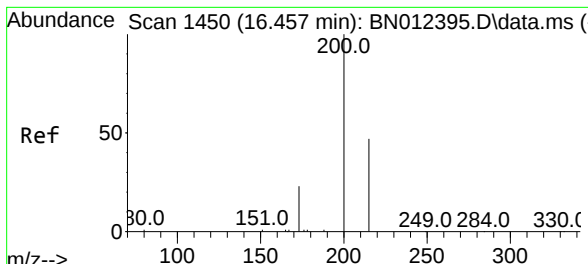
Tgt Ion:248 Resp: 167
Ion Ratio Lower Upper
248 100
250 99.1 77.3 115.9
141 101.8 57.8 86.8#



#22
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.287 min Scan# 1436
Delta R.T. 0.012 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:284 Resp: 223
Ion Ratio Lower Upper
284 100
142 58.7 32.0 48.0#
249 32.3 27.0 40.6

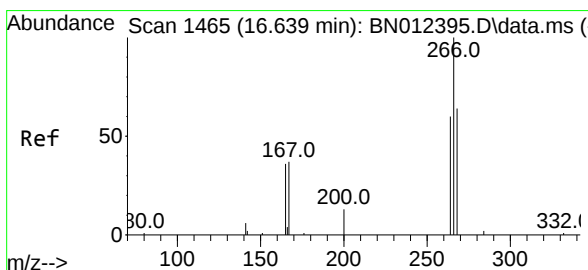
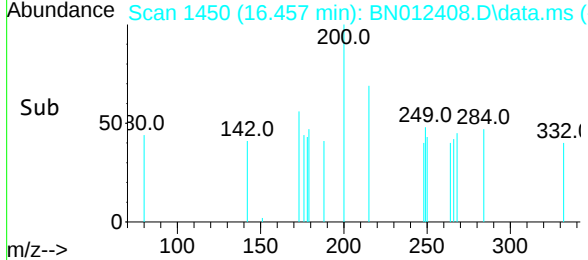
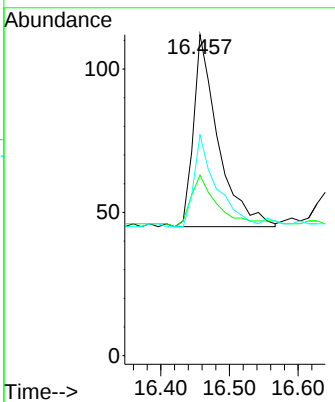
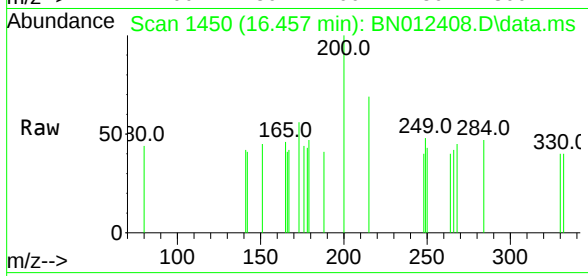




#23
 Atrazine
 Concen: 0.11 ng
 RT: 16.457 min Scan# 1450
 Delta R.T. -0.000 min
 Lab File: BN012408.D
 Acq: 27 Oct 2020 13:44

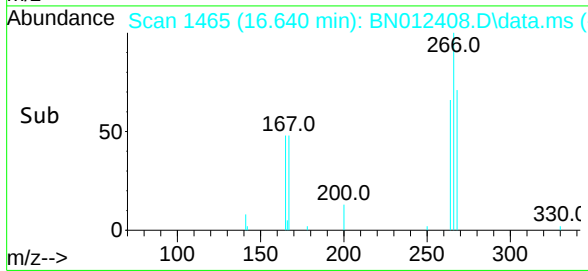
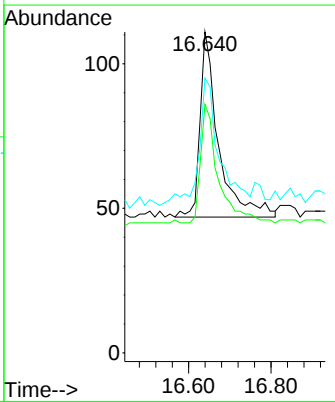
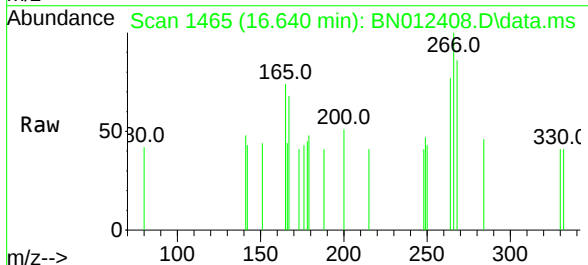
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

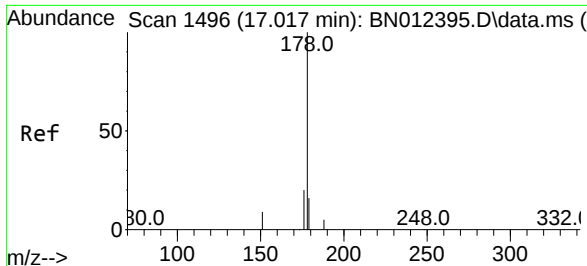
Tgt Ion:	200	Resp:	166
Ion Ratio	Lower	Upper	
200	100		
173	56.3	22.8	34.2#
215	68.8	38.1	57.1#



#24
 Pentachlorophenol
 Concen: 0.22 ng
 RT: 16.640 min Scan# 1465
 Delta R.T. 0.012 min
 Lab File: BN012408.D
 Acq: 27 Oct 2020 13:44

Tgt Ion:	266	Resp:	199
Ion Ratio	Lower	Upper	
266	100		
264	60.8	50.9	76.3
268	59.8	51.5	77.3

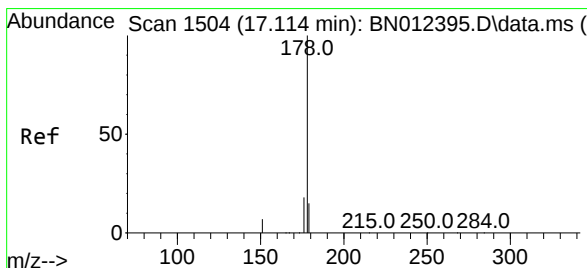
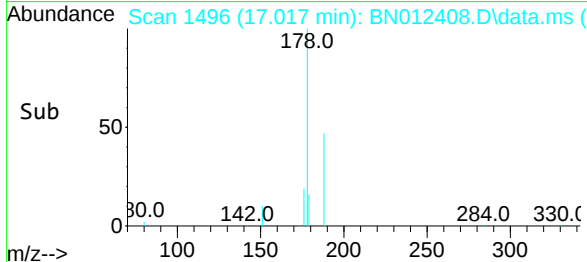
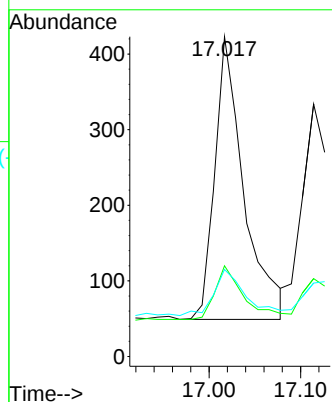
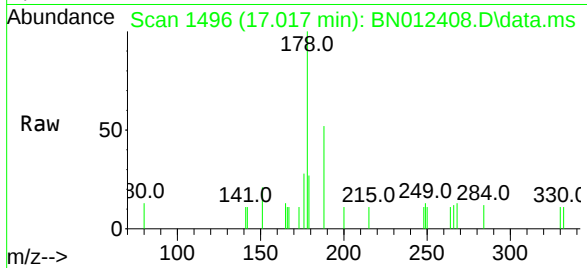




#25
Phenanthrene
Concen: 0.11 ng
RT: 17.017 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

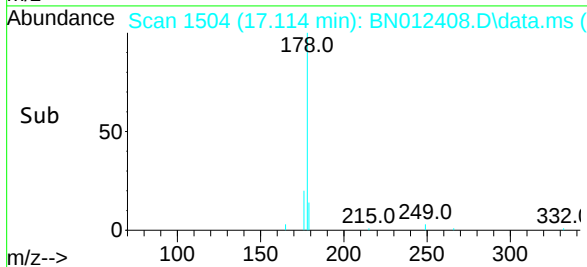
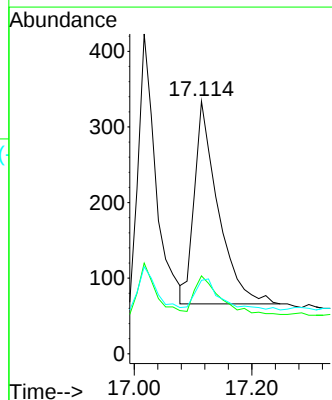
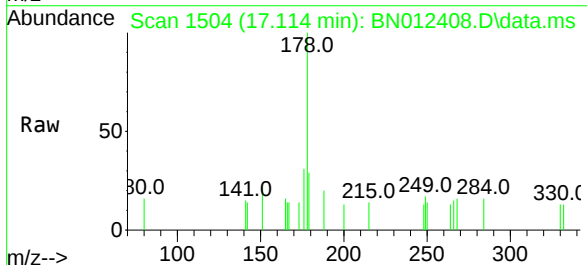
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

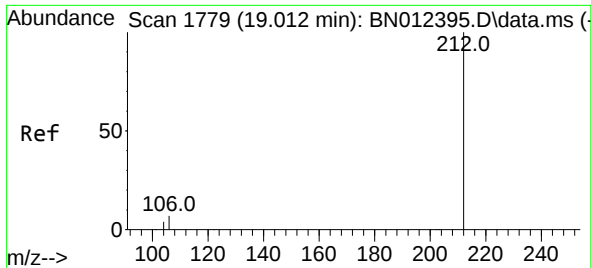
Tgt Ion:178	Resp:	825
Ion Ratio	Lower	Upper
178	100	
176	18.7	14.8 22.2
179	17.6	12.4 18.6



#26
Anthracene
Concen: 0.11 ng
RT: 17.114 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:178	Resp:	749
Ion Ratio	Lower	Upper
178	100	
176	20.4	14.8 22.2
179	16.3	12.5 18.7

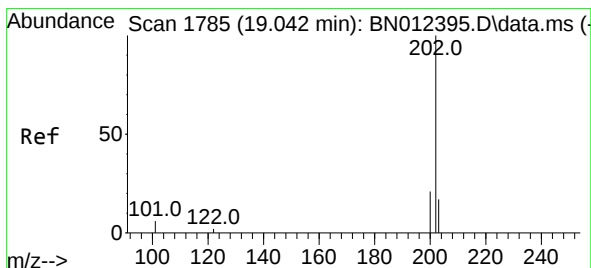
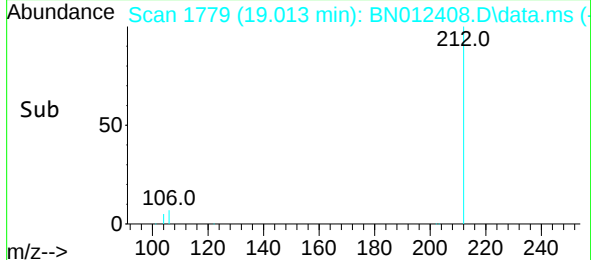
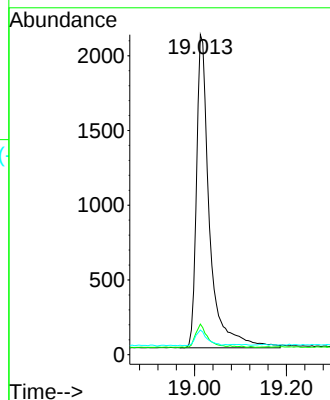
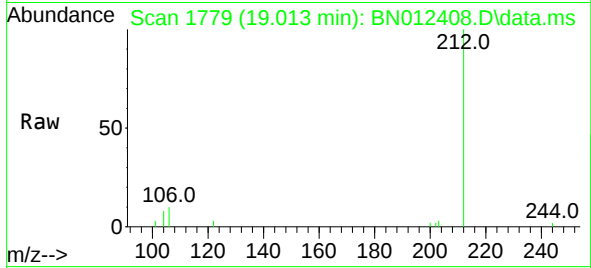




#27
Fluoranthene-d10
Concen: 0.52 ng
RT: 19.013 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

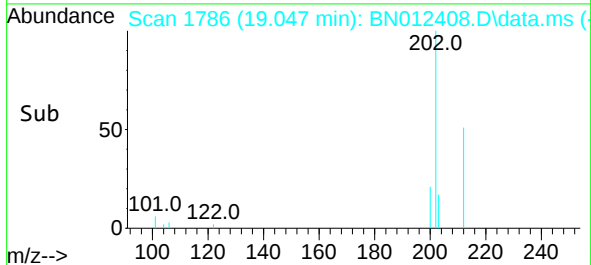
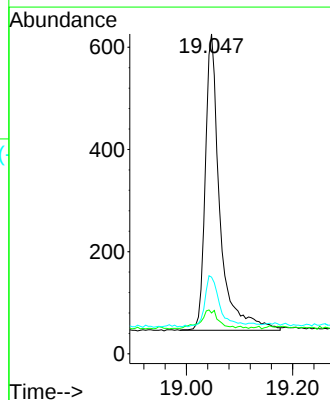
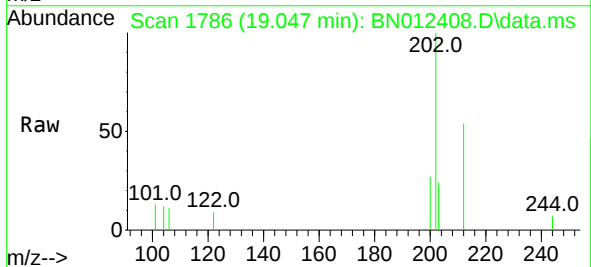
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

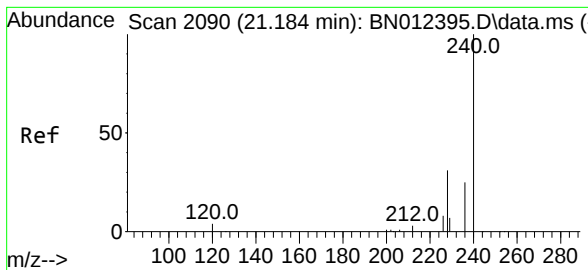
Tgt Ion:212 Resp: 4147
Ion Ratio Lower Upper
212 100
106 6.8 6.8 10.2#
104 4.4 4.1 6.1



#28
Fluoranthene
Concen: 0.12 ng
RT: 19.047 min Scan# 1786
Delta R.T. 0.005 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:202 Resp: 1104
Ion Ratio Lower Upper
202 100
101 7.9 5.8 8.6
203 17.4 13.7 20.5

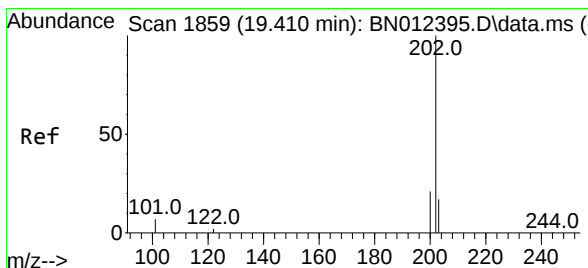
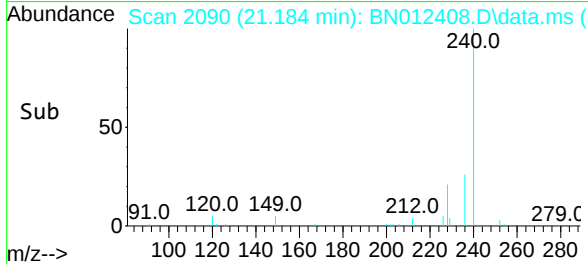
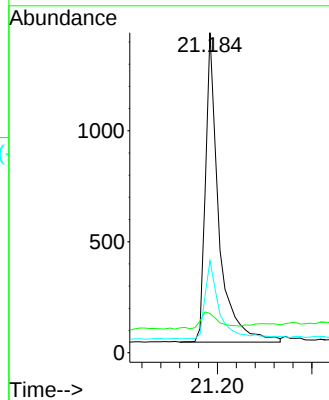
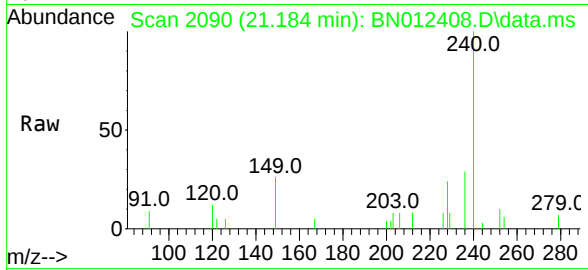




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.011 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

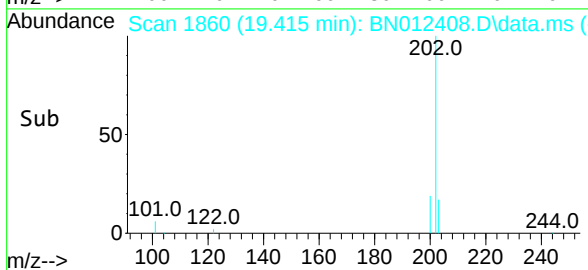
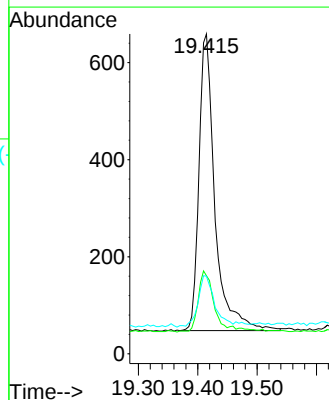
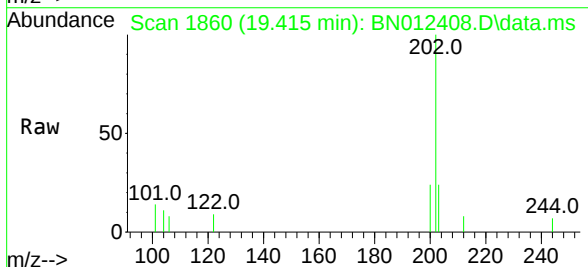
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

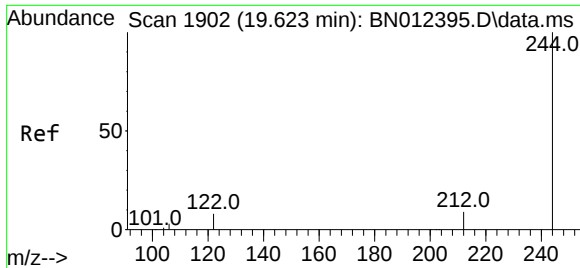
Tgt Ion:240 Resp: 2722
Ion Ratio Lower Upper
240 100
120 12.3 5.3 7.9#
236 28.8 21.8 32.8



#30
Pyrene
Concen: 0.12 ng
RT: 19.415 min Scan# 1860
Delta R.T. 0.010 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

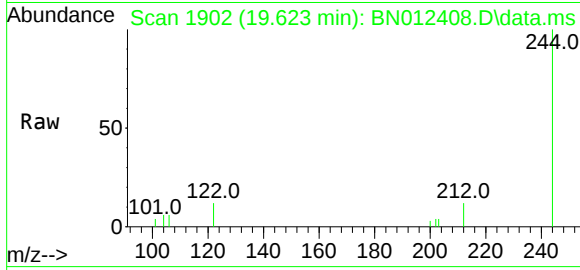
Tgt Ion:202 Resp: 1136
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 18.0 13.8 20.8



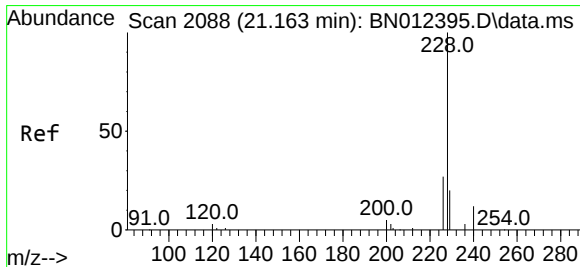
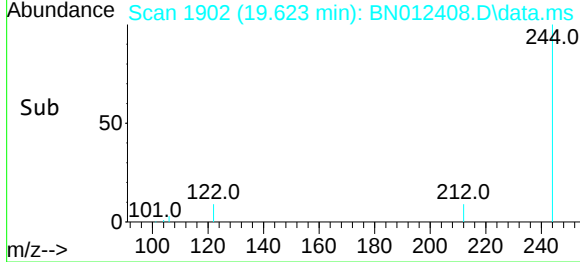
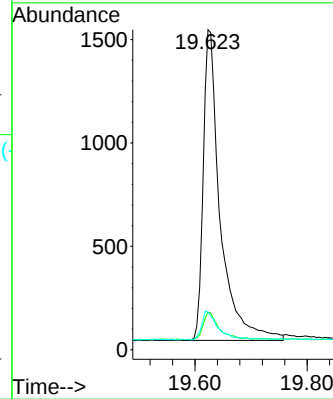


#31
 Terphenyl-d14
 Concen: 0.49 ng
 RT: 19.623 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: BN012408.D
 Acq: 27 Oct 2020 13:44

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

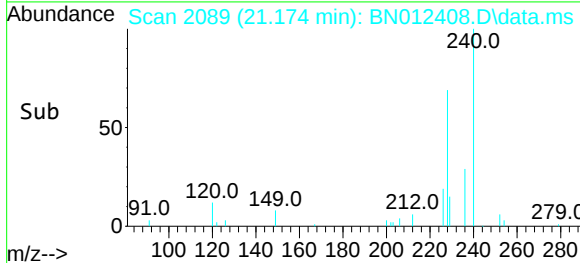
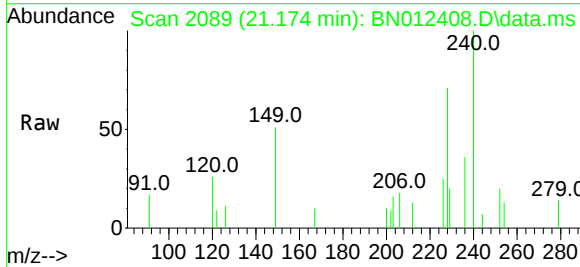
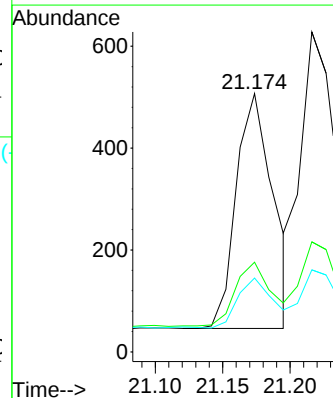


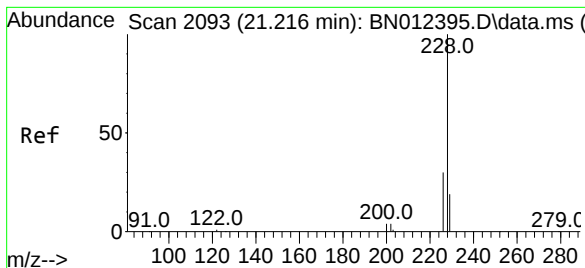
Tgt Ion:	244	Resp:	3162
Ion Ratio	Lower	Upper	
244	100		
212	11.8	7.3	10.9#
122	11.8	7.3	10.9#



#32
 Benzo(a)anthracene
 Concen: 0.11 ng
 RT: 21.174 min Scan# 2089
 Delta R.T. 0.011 min
 Lab File: BN012408.D
 Acq: 27 Oct 2020 13:44

Tgt Ion:	228	Resp:	881
Ion Ratio	Lower	Upper	
228	100		
226	34.7	22.3	33.5#
229	28.6	15.7	23.5#





#33

Chrysene

Concen: 0.13 ng

RT: 21.216 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BN012408.D

Acq: 27 Oct 2020 13:44

Tgt Ion:228 Resp: 1218

Ion Ratio Lower Upper

228 100

226 34.4 24.2 36.2

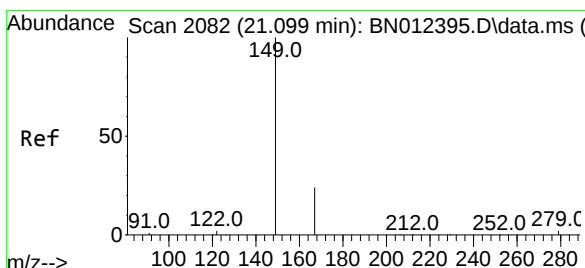
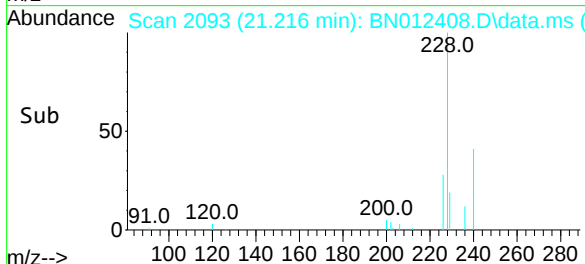
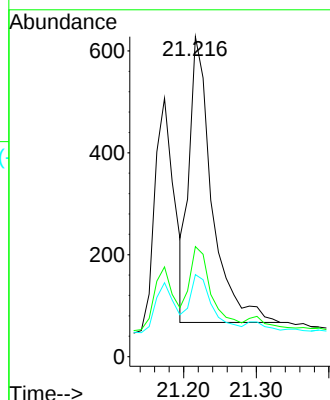
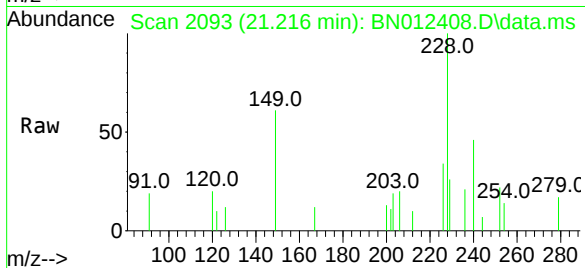
229 25.6 15.7 23.5#

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng

RT: 21.099 min Scan# 2082

Delta R.T. -0.000 min

Lab File: BN012408.D

Acq: 27 Oct 2020 13:44

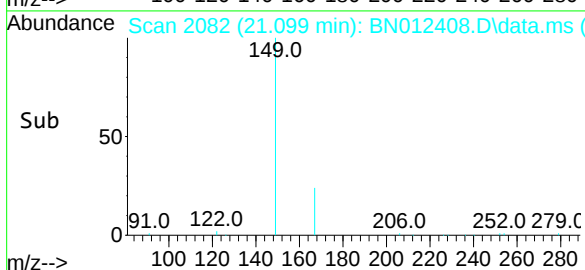
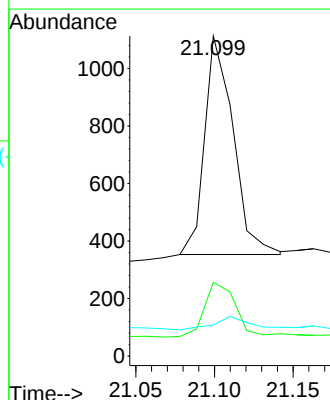
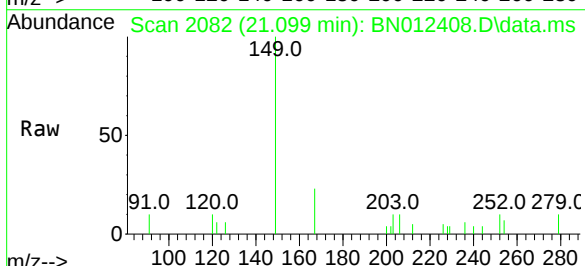
Tgt Ion:149 Resp: 960

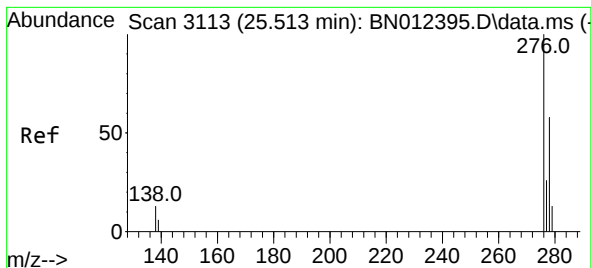
Ion Ratio Lower Upper

149 100

167 26.4 23.2 34.8

279 7.8 3.9 5.9#

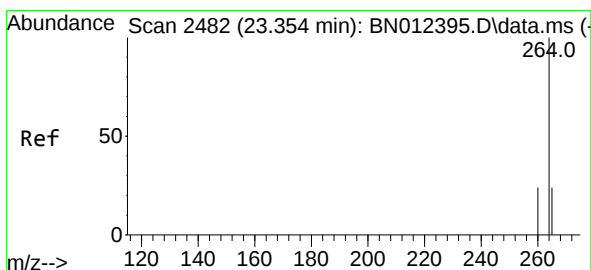
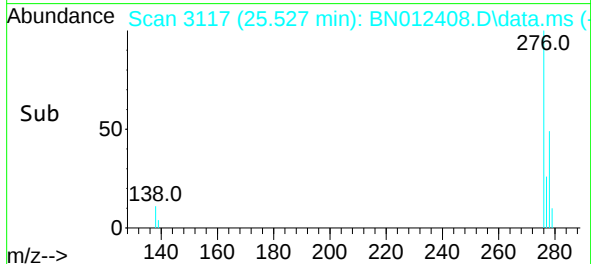
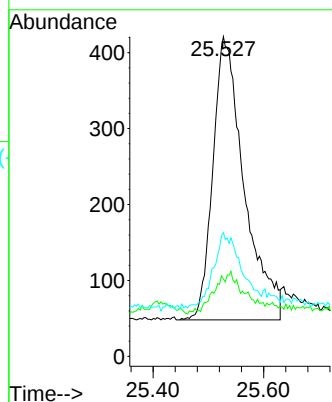
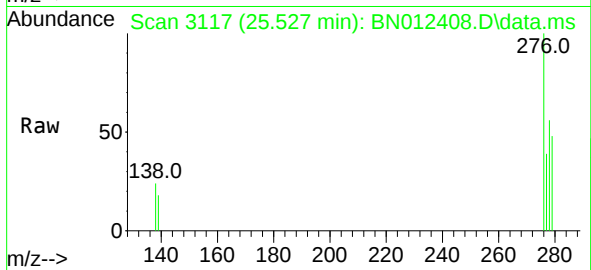




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 25.527 min Scan# 3117
Delta R.T. 0.017 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

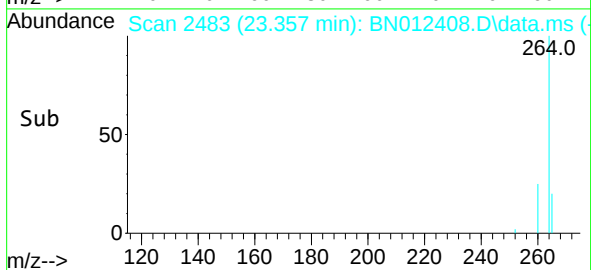
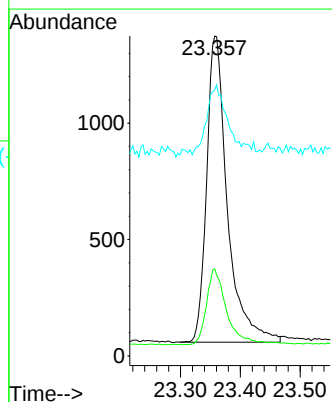
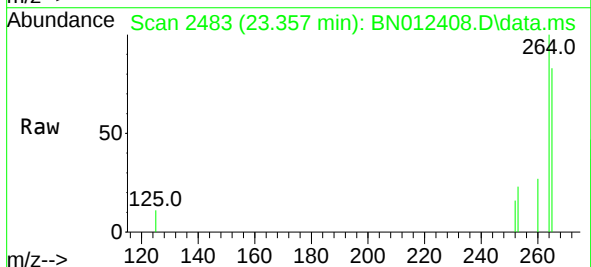
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

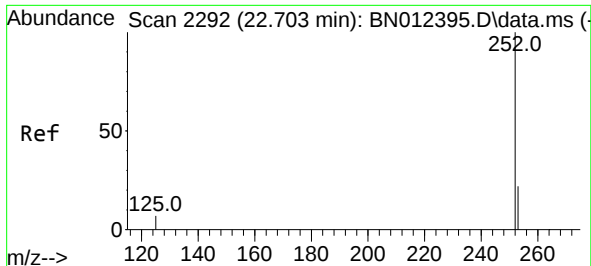
Tgt Ion:276 Resp: 1467
Ion Ratio Lower Upper
276 100
138 4.9 13.3 19.9#
277 24.3 20.2 30.4



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.357 min Scan# 2483
Delta R.T. 0.007 min
Lab File: BN012408.D
Acq: 27 Oct 2020 13:44

Tgt Ion:264 Resp: 3174
Ion Ratio Lower Upper
264 100
260 27.2 19.8 29.6
265 83.2 51.4 77.0#





#37

Benzo(b)fluoranthene

Concen: 0.12 ng

RT: 22.714 min Scan# 2295

Delta R.T. 0.010 min

Lab File: BN012408.D

Acq: 27 Oct 2020 13:44

Tgt Ion:252 Resp: 1160

Ion Ratio Lower Upper

252 100

253 54.1 20.1 30.1#

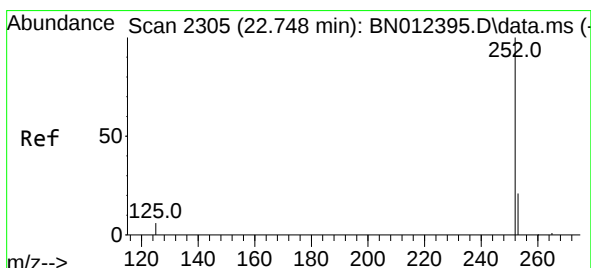
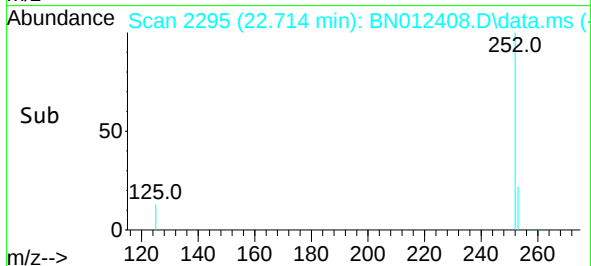
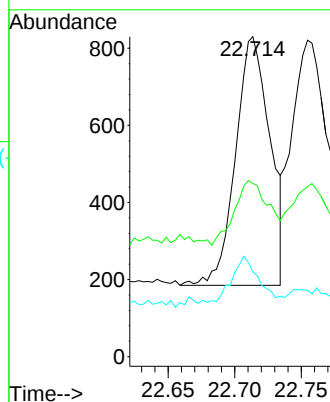
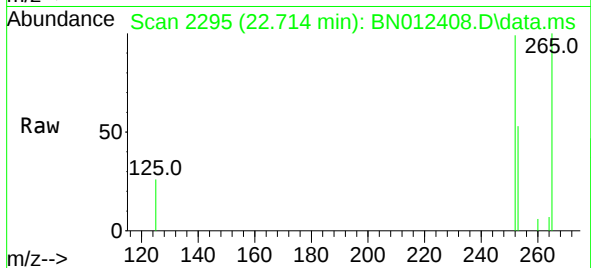
125 26.5 7.2 10.8#

Instrument :

BNA_N

ClientSampleId :

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#38

Benzo(k)fluoranthene

Concen: 0.13 ng

RT: 22.755 min Scan# 2307

Delta R.T. 0.007 min

Lab File: BN012408.D

Acq: 27 Oct 2020 13:44

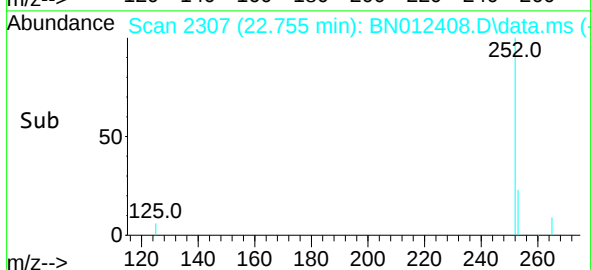
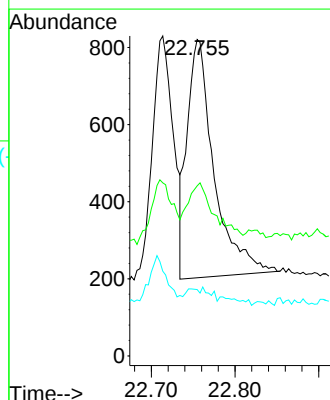
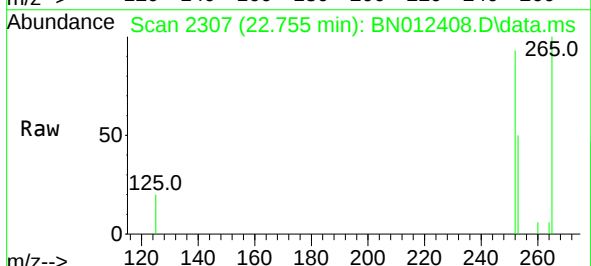
Tgt Ion:252 Resp: 1383

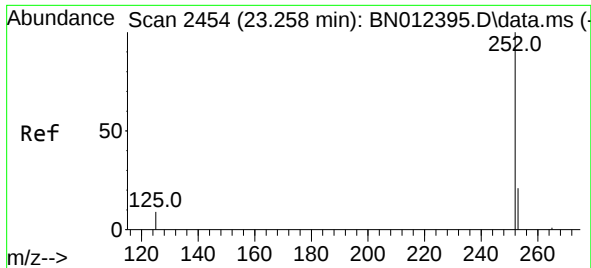
Ion Ratio Lower Upper

252 100

253 53.7 19.8 29.8#

125 21.0 7.1 10.7#





#39

Benzo(a)pyrene

Concen: 0.12 ng

RT: 23.265 min Scan# 2456

Delta R.T. 0.010 min

Lab File: BN012408.D

Acq: 27 Oct 2020 13:44

Tgt Ion:252 Resp: 1204

Ion Ratio Lower Upper

252 100

253 69.8 21.3 31.9#

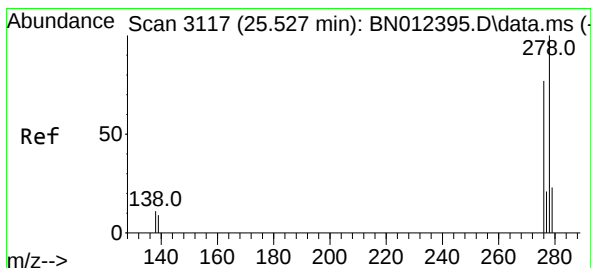
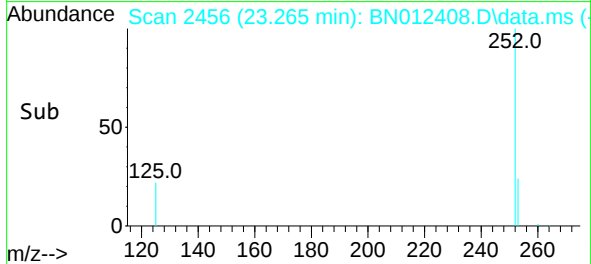
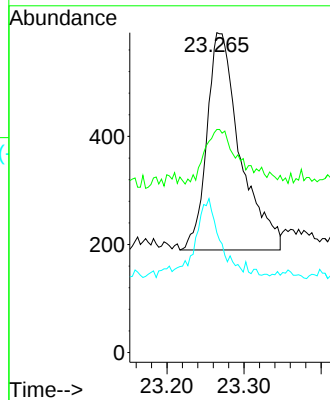
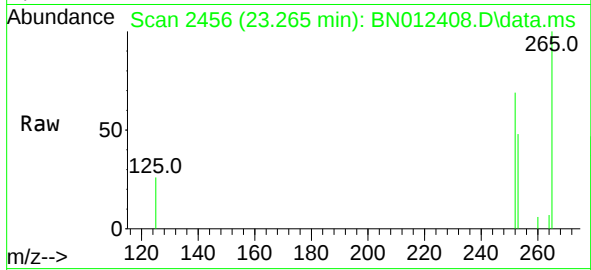
125 37.5 8.3 12.5#

Instrument :

BNA_N

ClientSampleId :

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#40

Dibenzo(a,h)anthracene

Concen: 0.11 ng

RT: 25.548 min Scan# 3123

Delta R.T. 0.020 min

Lab File: BN012408.D

Acq: 27 Oct 2020 13:44

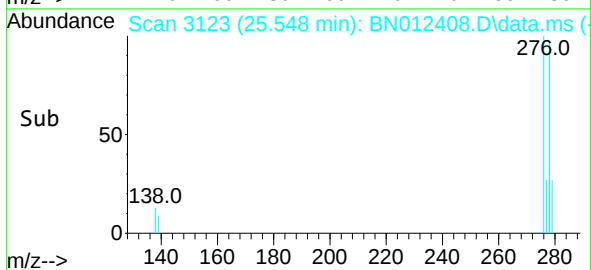
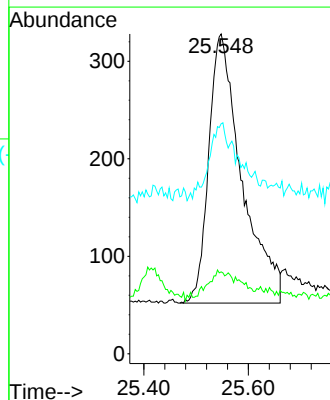
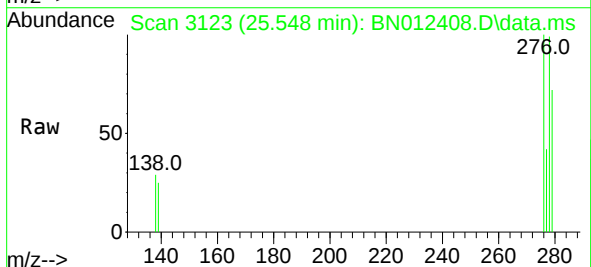
Tgt Ion:278 Resp: 1212

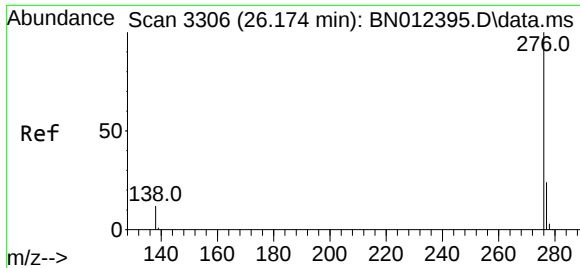
Ion Ratio Lower Upper

278 100

139 25.6 9.3 13.9#

279 72.0 21.6 32.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.13 ng
 RT: 26.184 min Scan# 3309
 Delta R.T. 0.014 min
 Lab File: BN012408.D
 Acq: 27 Oct 2020 13:44

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Tgt Ion:	276	Resp:	1457
Ion Ratio	Lower	Upper	
276	100		
277	35.6	19.8	29.8#
138	23.4	11.7	17.5#

