

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110724\
 Data File : BN034894.D
 Acq On : 07 Nov 2024 15:41
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-0.2 ng
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Quant Time: Nov 07 16:05:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 15:02:36 2024
 Response via : Initial Calibration

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

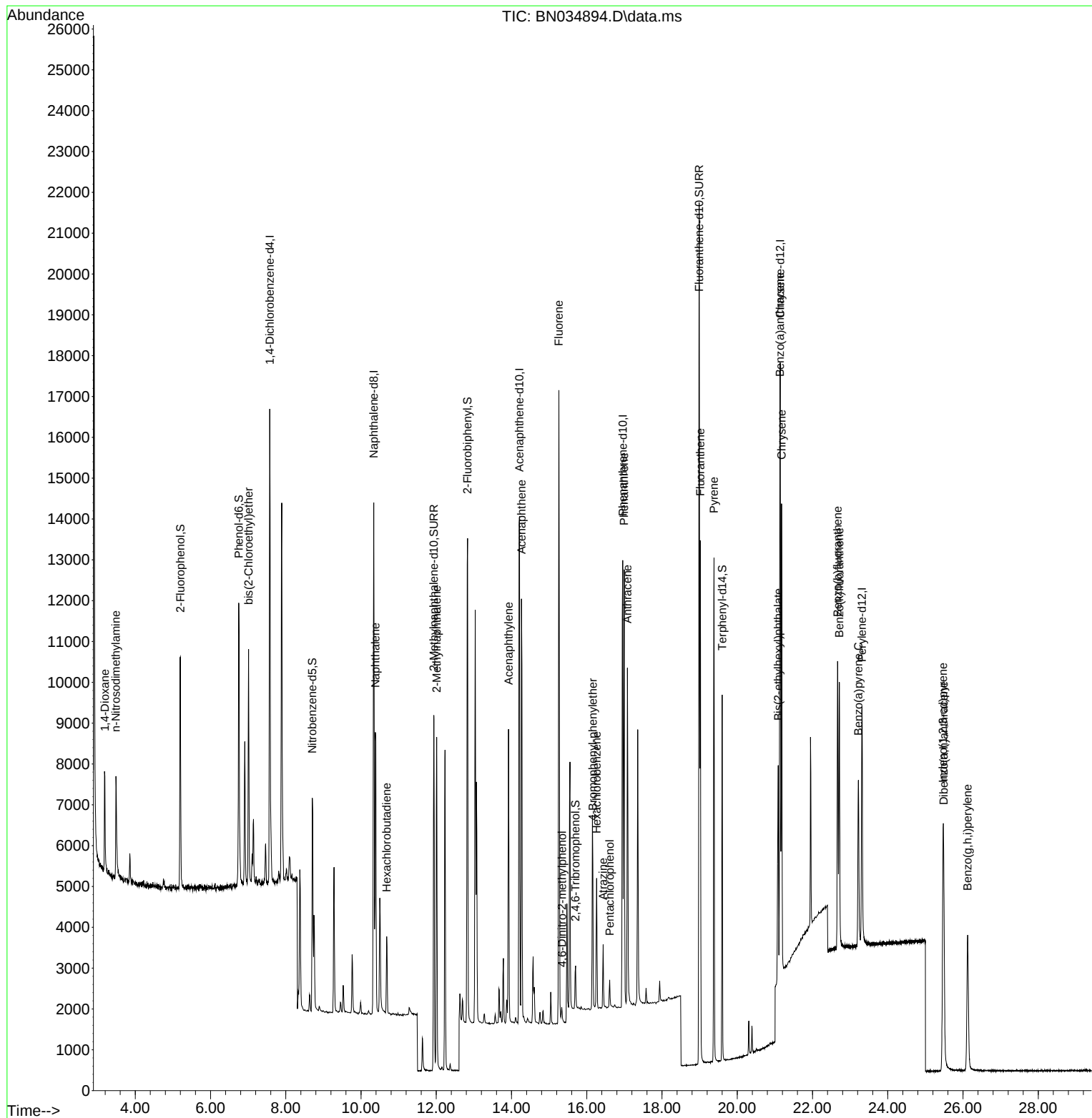
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	5405	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	15883	0.400	ng	0.00
13) Acenaphthene-d10	14.211	164	7600	0.400	ng	0.00
19) Phenanthrene-d10	16.957	188	15509	0.400	ng	0.00
29) Chrysene-d12	21.142	240	9605	0.400	ng	# 0.00
35) Perylene-d12	23.314	264	7636	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	4701	0.312	ng	0.00
5) Phenol-d6	6.751	99	6349	0.317	ng	0.00
8) Nitrobenzene-d5	8.706	82	4387	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	11.935	152	12188	0.563	ng	0.00
14) 2,4,6-Tribromophenol	15.703	330	597	0.307	ng	0.00
15) 2-Fluorobiphenyl	12.832	172	11204	0.349	ng	0.00
27) Fluoranthene-d10	18.987	212	21193	0.606	ng	0.00
31) Terphenyl-d14	19.600	244	6855	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	1605	0.235	ng	99
3) n-Nitrosodimethylamine	3.487	42	1867	0.203	ng	# 96
6) bis(2-Chloroethyl)ether	7.011	93	3786	0.219	ng	99
9) Naphthalene	10.383	128	9572	0.217	ng	99
10) Hexachlorobutadiene	10.682	225	1471	0.209	ng	# 98
12) 2-Methylnaphthalene	12.010	142	5782	0.214	ng	99
16) Acenaphthylene	13.923	152	7672	0.209	ng	99
17) Acenaphthene	14.265	154	5173	0.204	ng	99
18) Fluorene	15.259	166	6485	0.205	ng	100
20) 4,6-Dinitro-2-methylph...	15.344	198	224	0.183	ng	80
21) 4-Bromophenyl-phenylether	16.163	248	1716	0.208	ng	97
22) Hexachlorobenzene	16.262	284	2106	0.212	ng	100
23) Atrazine	16.436	200	1209	0.202	ng	99
24) Pentachlorophenol	16.609	266	349	0.177	ng	95
25) Phenanthrene	16.994	178	10397	0.219	ng	100
26) Anthracene	17.081	178	9066	0.221	ng	100
28) Fluoranthene	19.020	202	10711	0.214	ng	99
30) Pyrene	19.382	202	10410	0.214	ng	100
32) Benzo(a)anthracene	21.133	228	8219	0.220	ng	99
33) Chrysene	21.178	228	9023	0.228	ng	97
34) Bis(2-ethylhexyl)phtha...	21.088	149	4095	0.191	ng	99
36) Indeno(1,2,3-cd)pyrene	25.472	276	6668	0.196	ng	99
37) Benzo(b)fluoranthene	22.668	252	8004	0.239	ng	94
38) Benzo(k)fluoranthene	22.712	252	7598	0.218	ng	95
39) Benzo(a)pyrene	23.221	252	5669	0.213	ng	91
40) Dibenzo(a,h)anthracene	25.487	278	5218	0.198	ng	97
41) Benzo(g,h,i)perylene	26.124	276	5910	0.212	ng	99

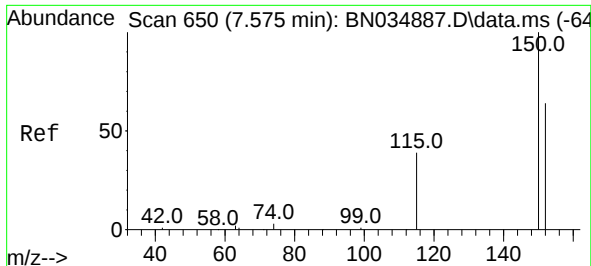
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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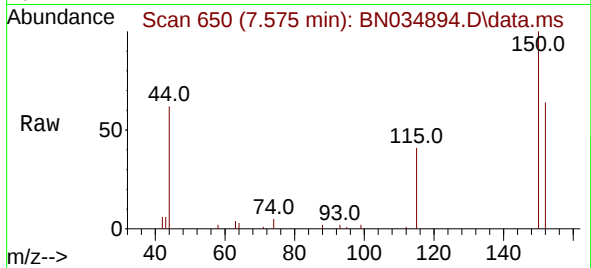
Quant Time: Nov 07 16:05:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
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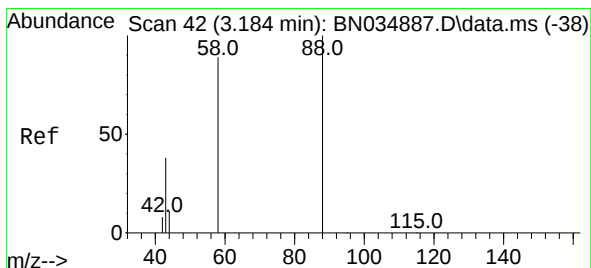
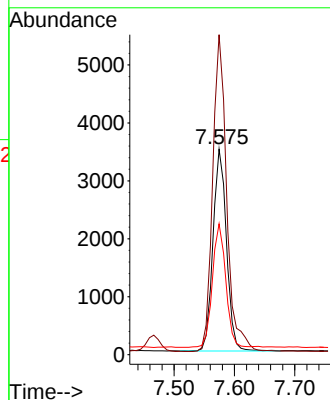
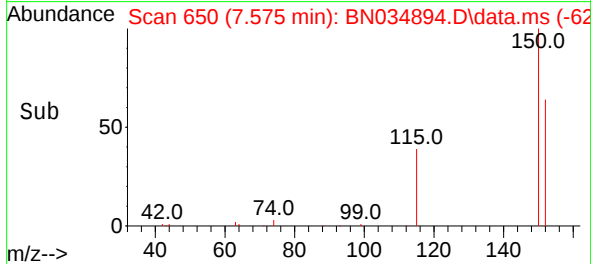


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN034894.D
 Acq: 07 Nov 2024 15:41

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

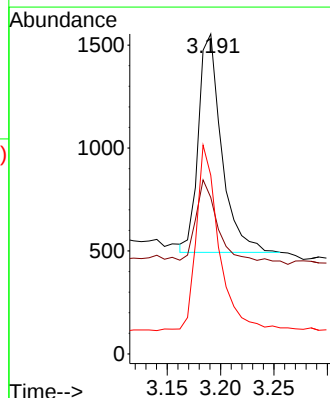
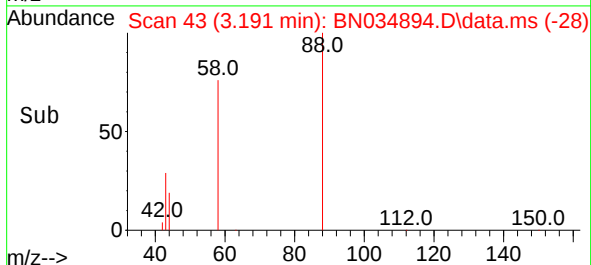
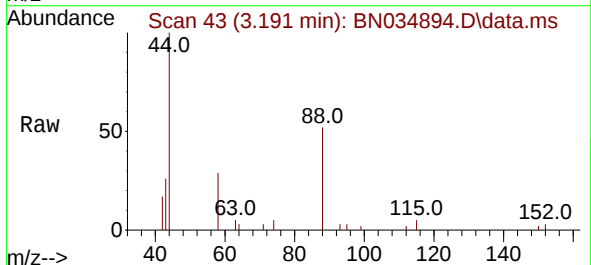


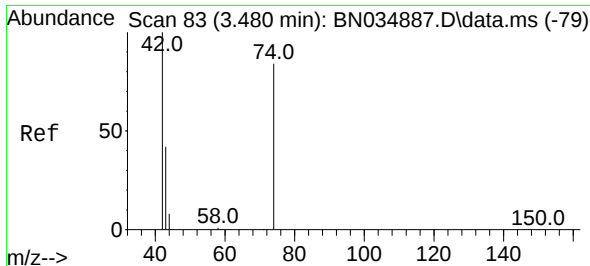
Tgt Ion:152 Resp: 5405
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.4 186.6
 115 63.6 50.5 75.7



#2
 1,4-Dioxane
 Concen: 0.235 ng
 RT: 3.191 min Scan# 43
 Delta R.T. 0.007 min
 Lab File: BN034894.D
 Acq: 07 Nov 2024 15:41

Tgt Ion: 88 Resp: 1605
 Ion Ratio Lower Upper
 88 100
 43 33.5 28.2 42.2
 58 83.5 67.1 100.7

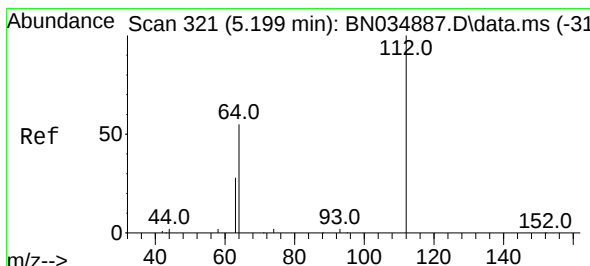
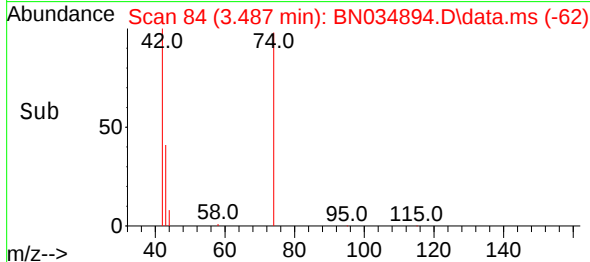
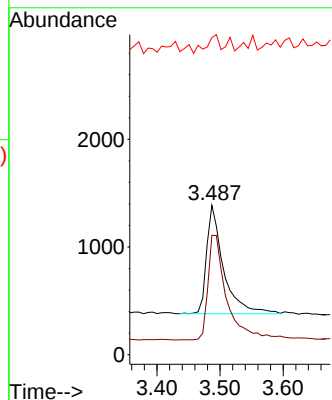
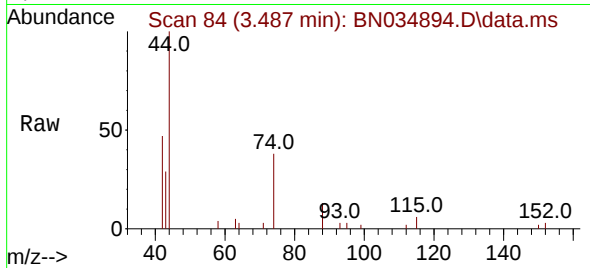




#3
n-Nitrosodimethylamine
Concen: 0.203 ng
RT: 3.487 min Scan# 84
Delta R.T. 0.007 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

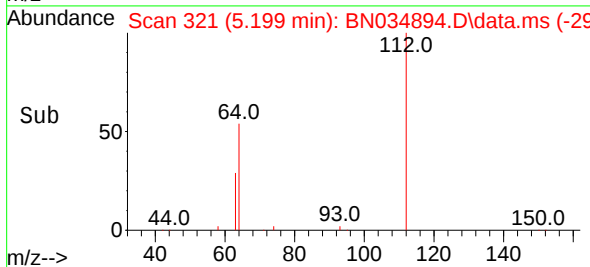
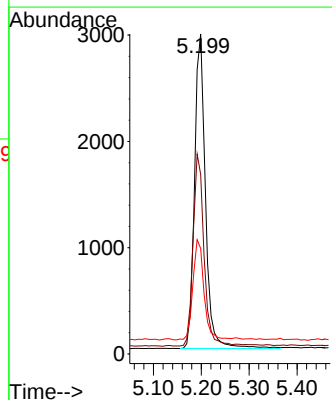
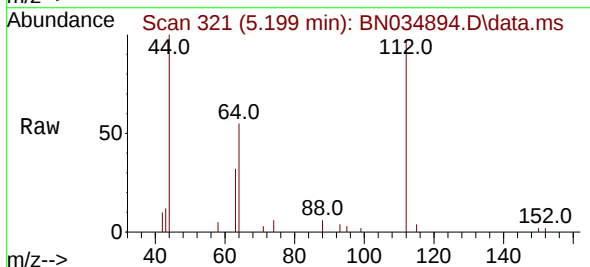
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

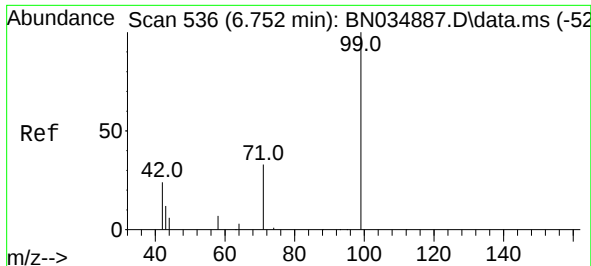
Tgt Ion: 42 Resp: 1867
Ion Ratio Lower Upper
42 100
74 108.1 83.4 125.2
44 13.8 8.6 12.8#



#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.199 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion: 112 Resp: 4701
Ion Ratio Lower Upper
112 100
64 61.8 49.6 74.4
63 32.2 26.3 39.5

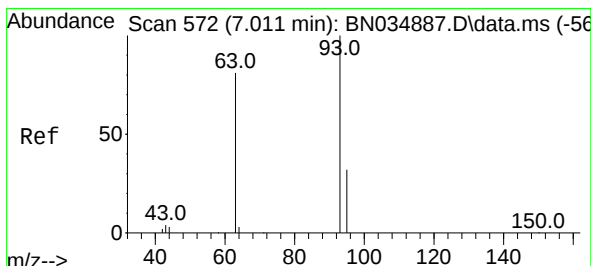
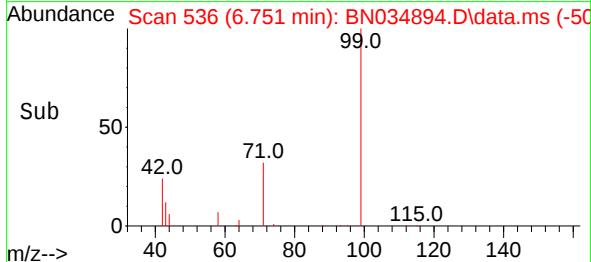
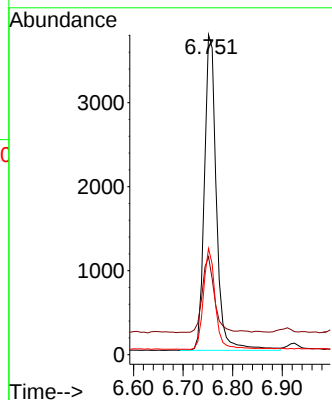
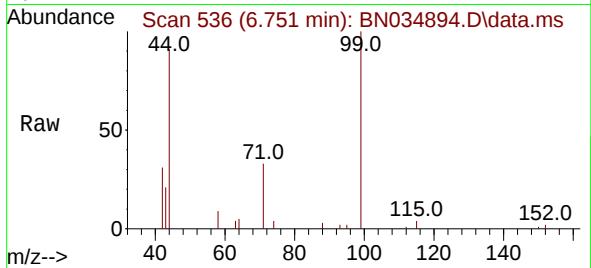




#5
Phenol-d6
Concen: 0.317 ng
RT: 6.751 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

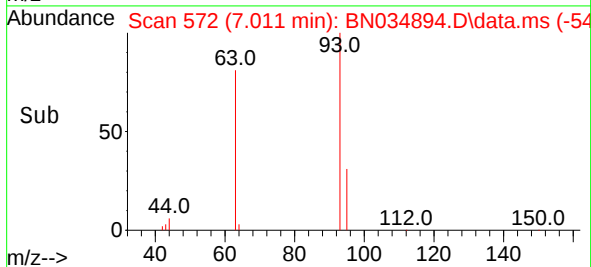
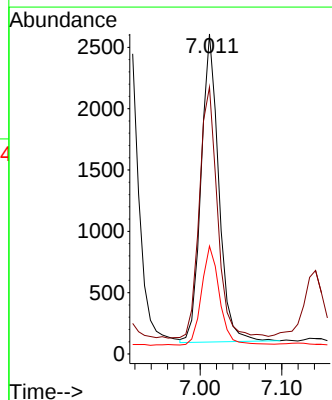
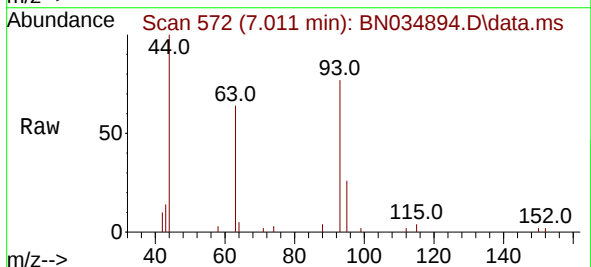
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

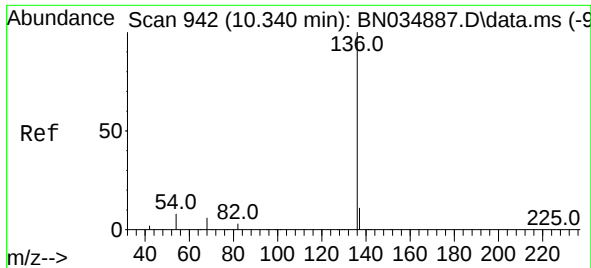
Tgt Ion: 99 Resp: 6349
Ion Ratio Lower Upper
99 100
42 23.7 20.2 30.2
71 31.4 25.4 38.0



#6
bis(2-Chloroethyl)ether
Concen: 0.219 ng
RT: 7.011 min Scan# 572
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion: 93 Resp: 3786
Ion Ratio Lower Upper
93 100
63 84.1 67.5 101.3
95 32.7 25.7 38.5

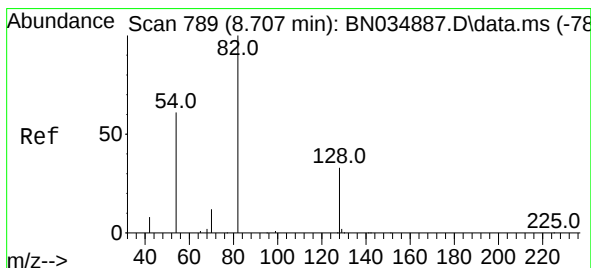
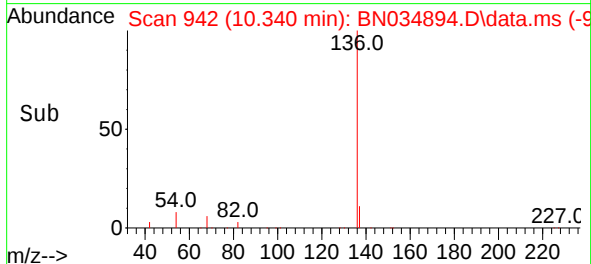
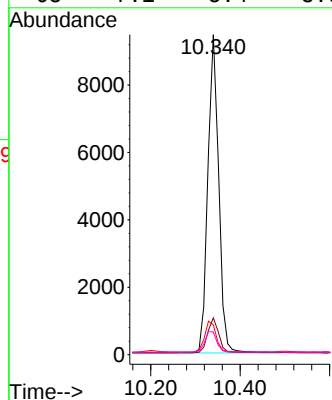
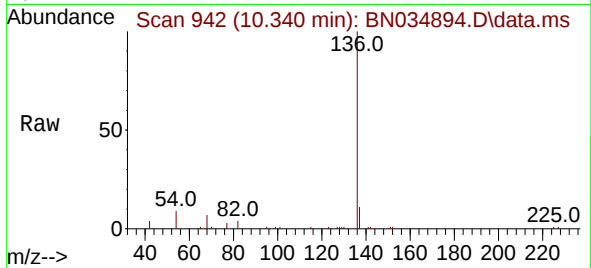




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

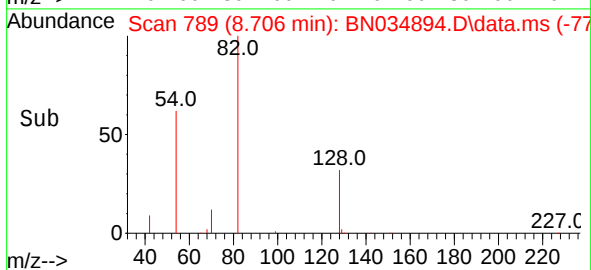
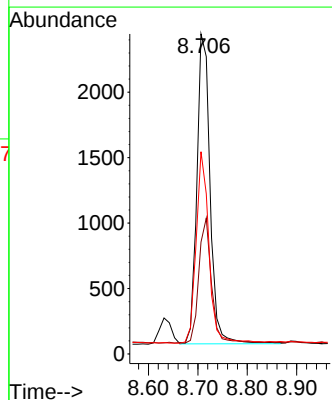
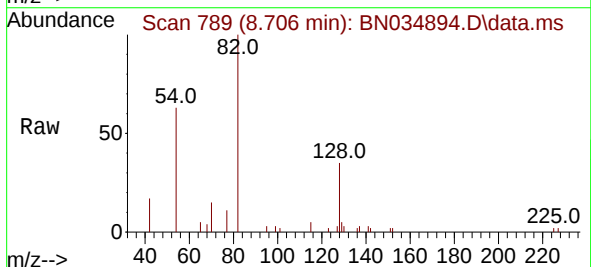
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

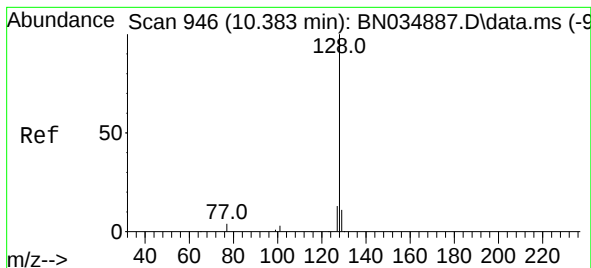
Tgt Ion:	136	Resp:	15883
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	9.3	6.9	10.3
68	7.1	5.4	8.0



#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.706 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion:	82	Resp:	4387
Ion Ratio	Lower	Upper	
82	100		
128	35.0	28.1	42.1
54	63.2	49.8	74.6





#9

Naphthalene

Concen: 0.217 ng

RT: 10.383 min Scan# 946

Delta R.T. -0.000 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

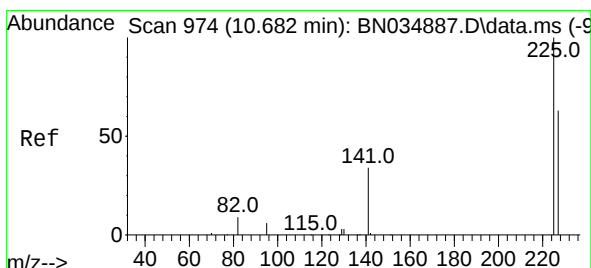
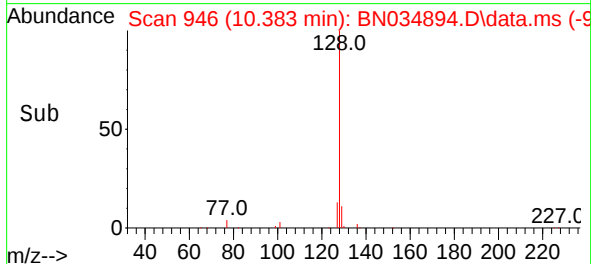
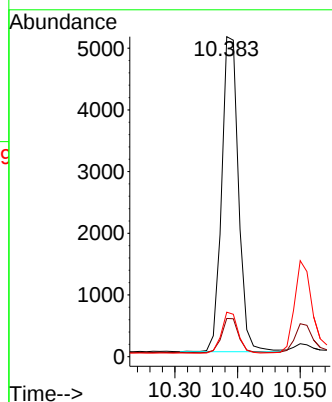
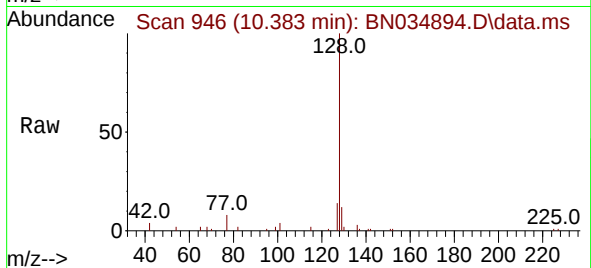
Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:	128	Resp:	9572
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.4
127	13.9	10.8	16.2



#10

Hexachlorobutadiene

Concen: 0.209 ng

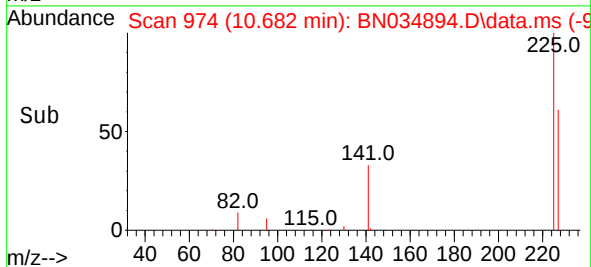
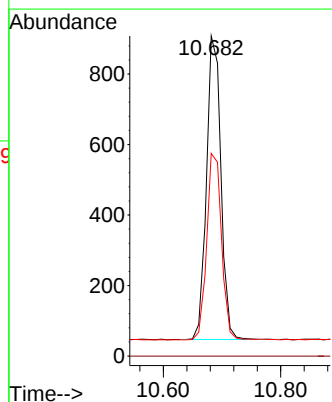
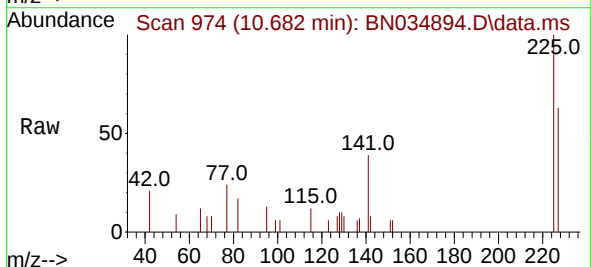
RT: 10.682 min Scan# 974

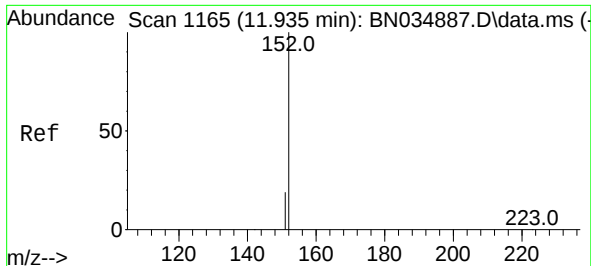
Delta R.T. -0.000 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

Tgt Ion:	225	Resp:	1471
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	52.0	78.0

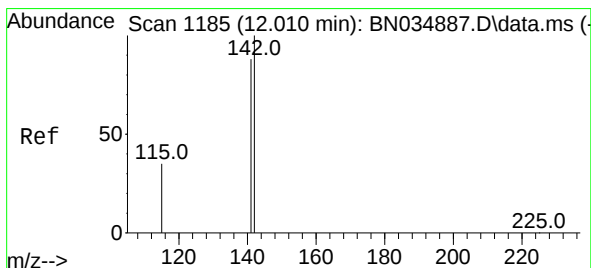
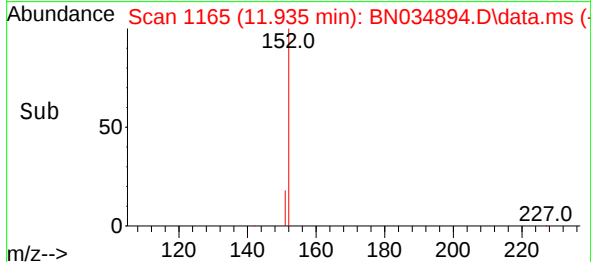
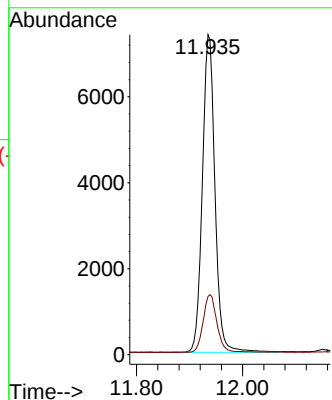
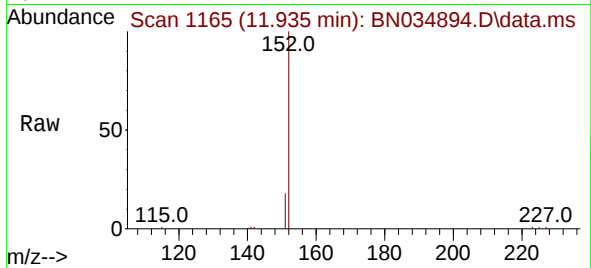




#11
2-Methylnaphthalene-d10
Concen: 0.563 ng
RT: 11.935 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

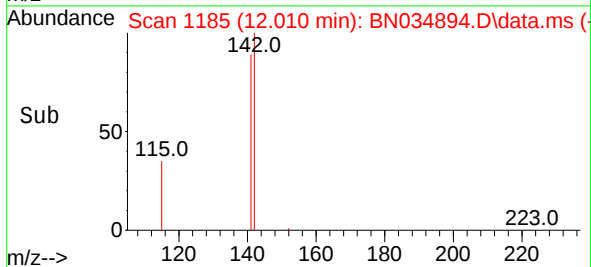
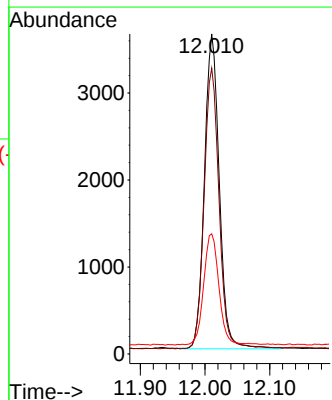
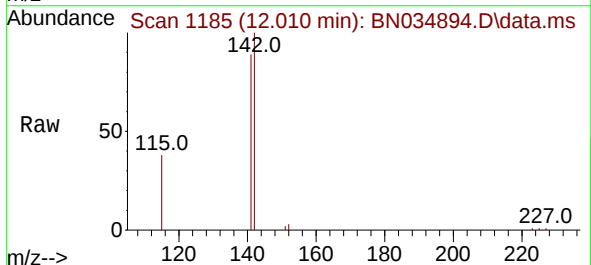
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

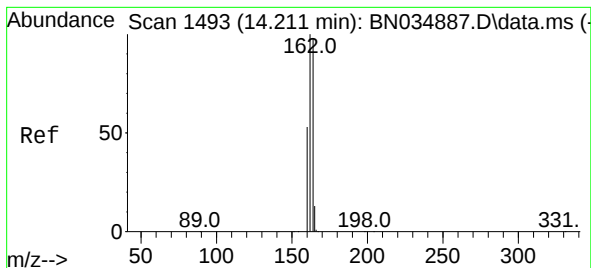
Tgt Ion:152 Resp: 12188
Ion Ratio Lower Upper
152 100
151 19.9 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.214 ng
RT: 12.010 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion:142 Resp: 5782
Ion Ratio Lower Upper
142 100
141 89.3 70.5 105.7
115 37.5 29.4 44.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.211 min Scan# 1493

Delta R.T. 0.000 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024

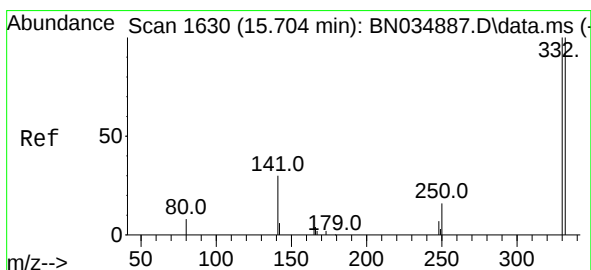
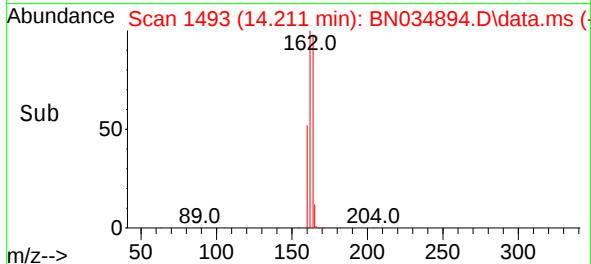
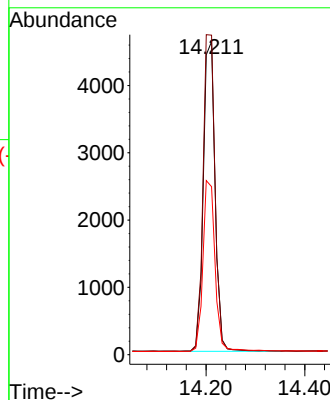
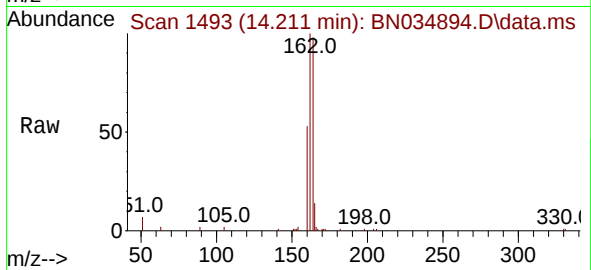
Tgt Ion:164 Resp: 7600

Ion Ratio Lower Upper

164 100

162 102.0 81.9 122.9

160 53.7 43.5 65.3



#14

2,4,6-Tribromophenol

Concen: 0.307 ng

RT: 15.703 min Scan# 1630

Delta R.T. -0.001 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

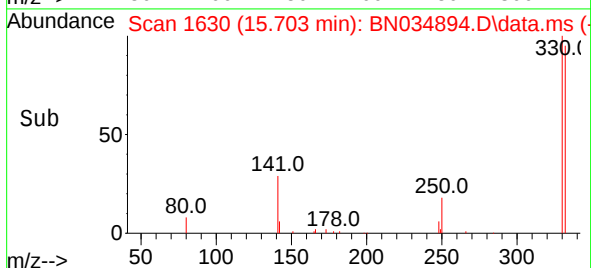
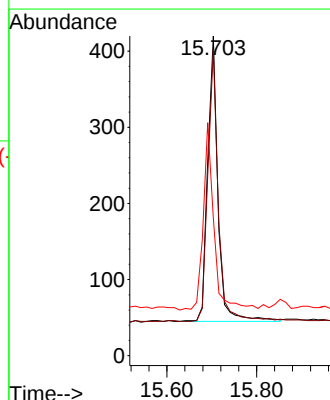
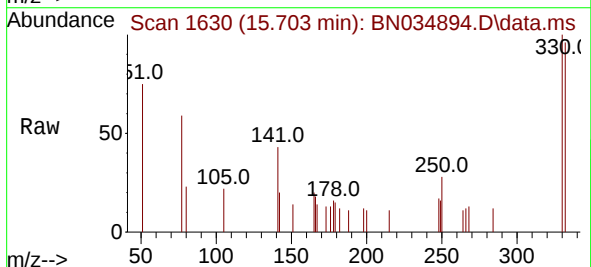
Tgt Ion:330 Resp: 597

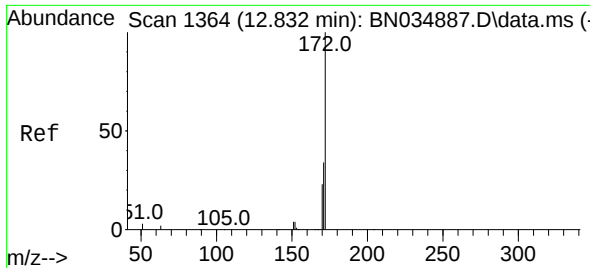
Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 67.8 54.1 81.1

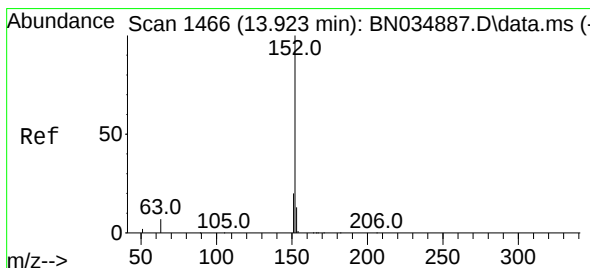
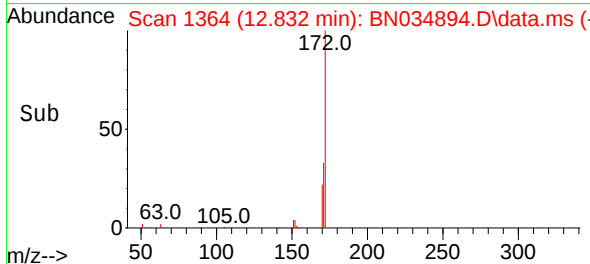
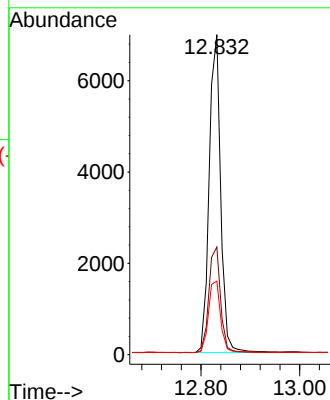
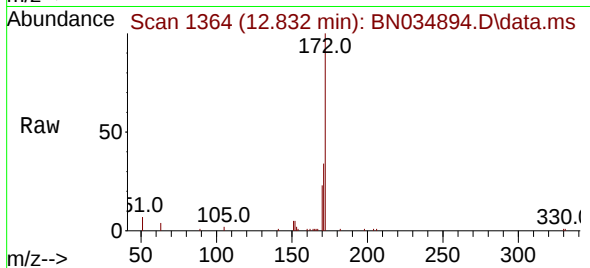




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.832 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

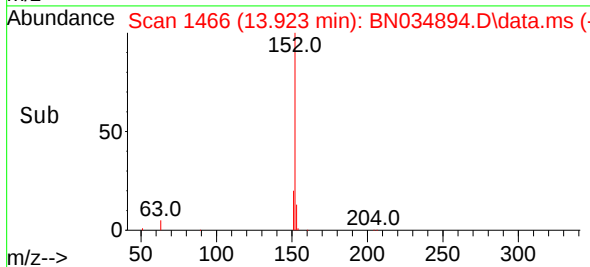
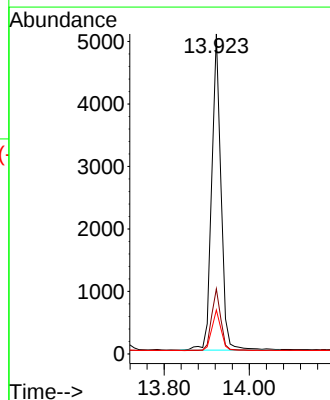
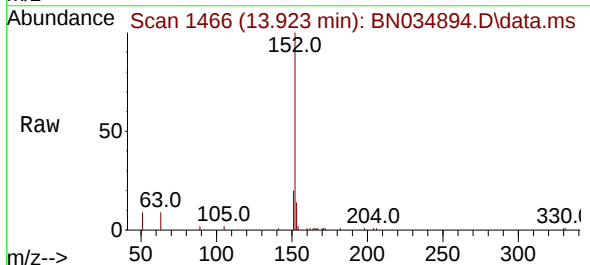
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

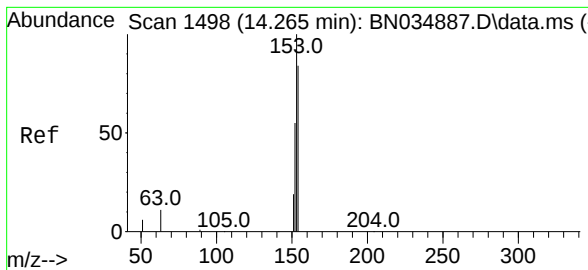
Tgt Ion:	172	Resp:	11204
Ion Ratio	Lower	Upper	
172	100		
171	33.6	27.9	41.9
170	23.0	19.0	28.4



#16
Acenaphthylene
Concen: 0.209 ng
RT: 13.923 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion:	152	Resp:	7672
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.2	22.8
153	12.9	10.4	15.6





#17

Acenaphthene

Concen: 0.204 ng

RT: 14.265 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024

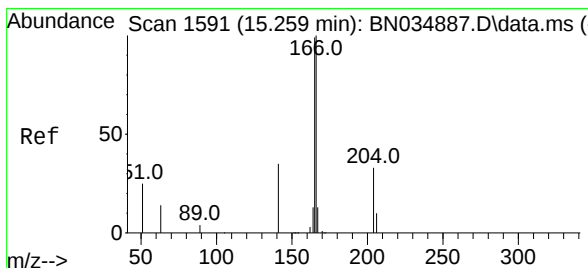
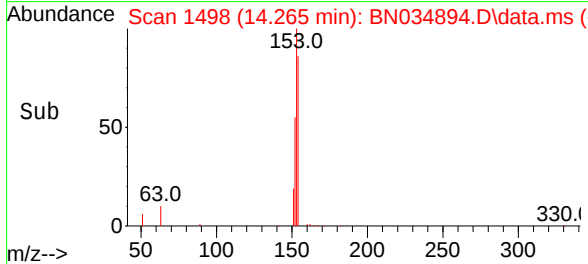
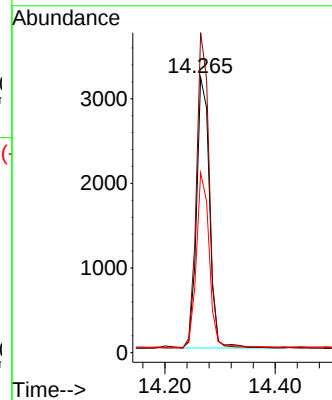
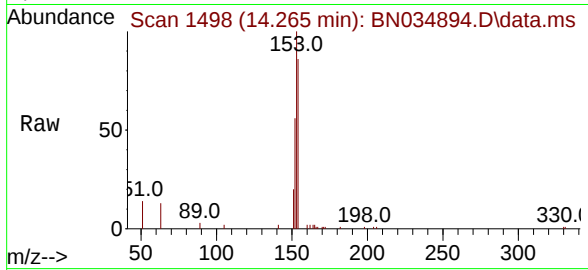
Tgt Ion:154 Resp: 5173

Ion Ratio Lower Upper

154 100

153 114.3 92.2 138.2

152 64.7 51.1 76.7



#18

Fluorene

Concen: 0.205 ng

RT: 15.259 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

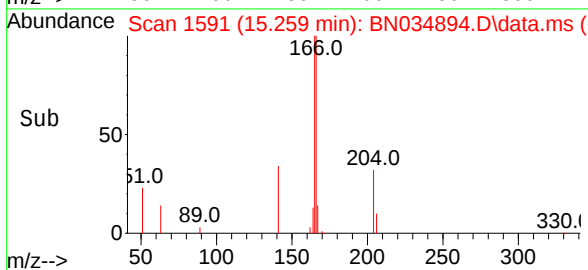
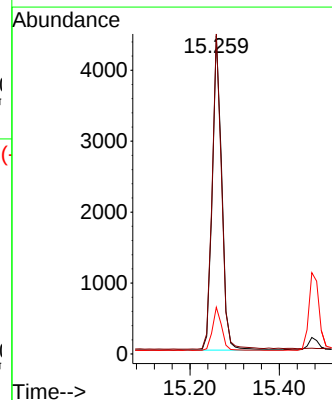
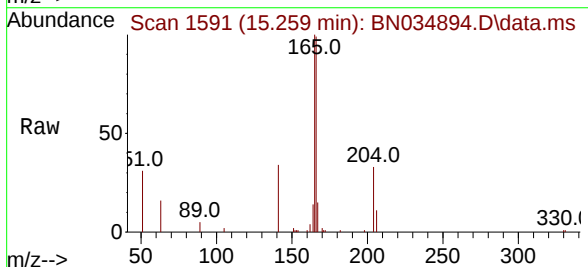
Tgt Ion:166 Resp: 6485

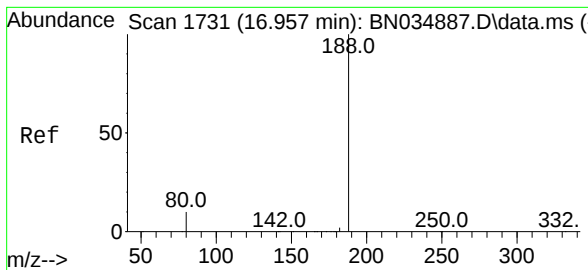
Ion Ratio Lower Upper

166 100

165 99.0 79.5 119.3

167 13.5 10.6 16.0

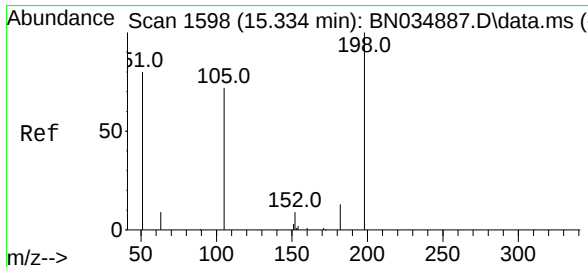
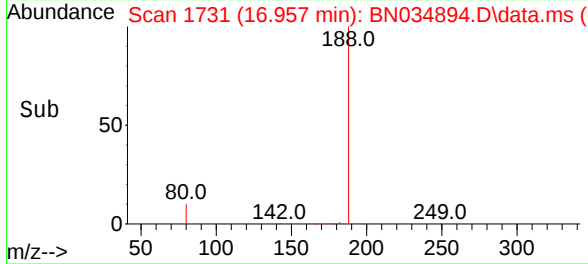
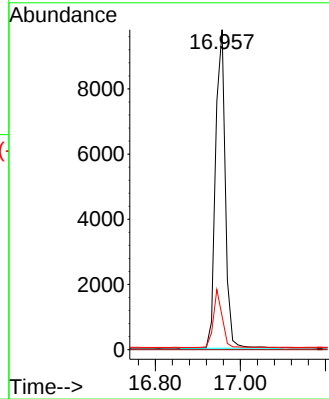
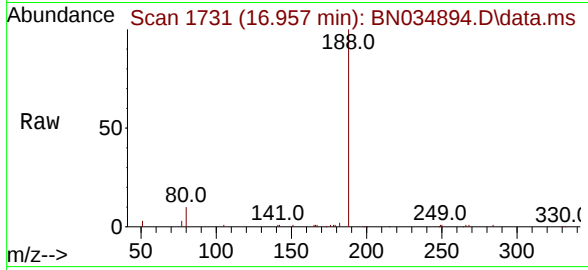




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

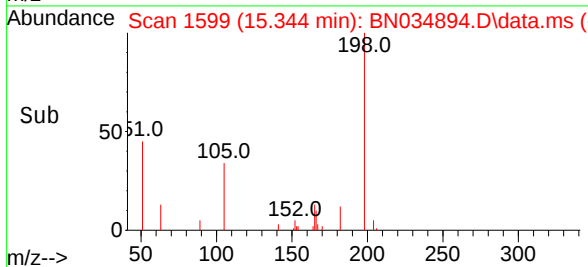
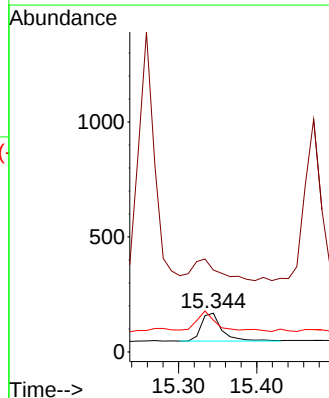
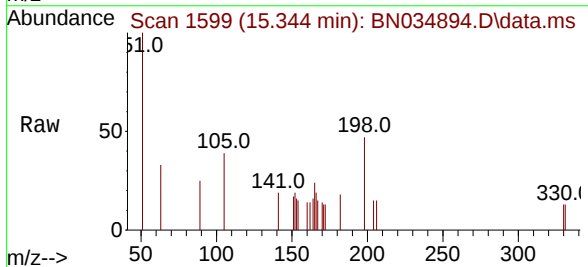
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

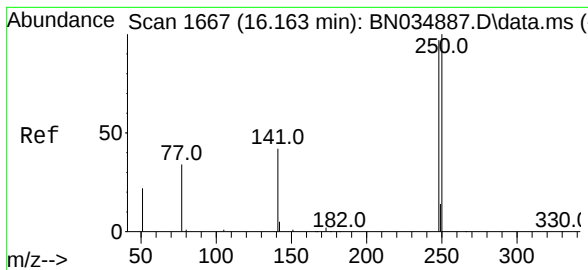
Tgt Ion:188 Resp: 15509
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 8.6 12.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.183 ng
RT: 15.344 min Scan# 1599
Delta R.T. 0.010 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion:198 Resp: 224
Ion Ratio Lower Upper
198 100
51 211.9 141.8 212.8
105 82.1 75.6 113.4

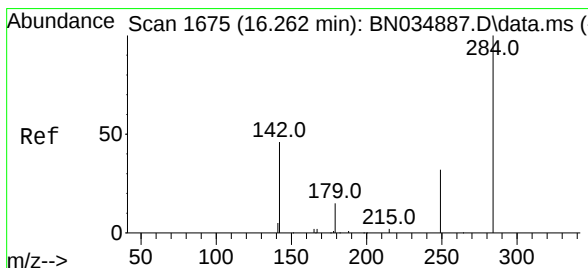
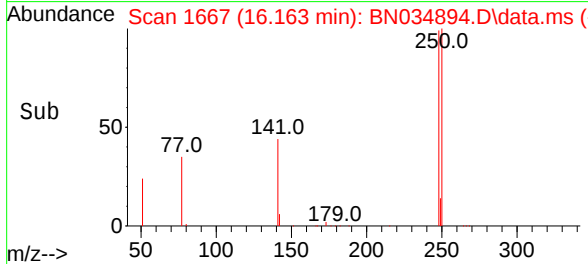
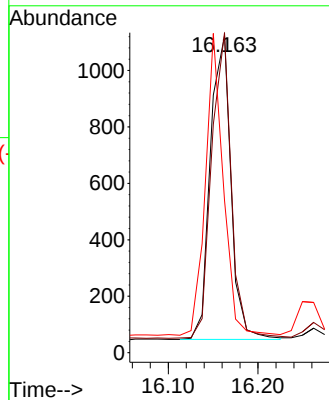
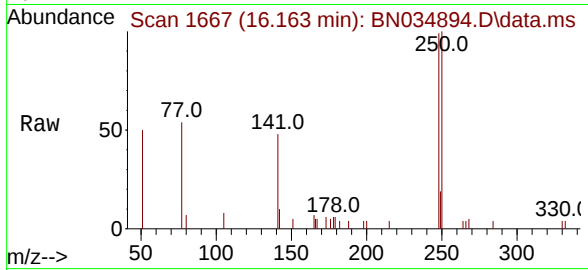




#21
4-Bromophenyl-phenylether
Concen: 0.208 ng
RT: 16.163 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

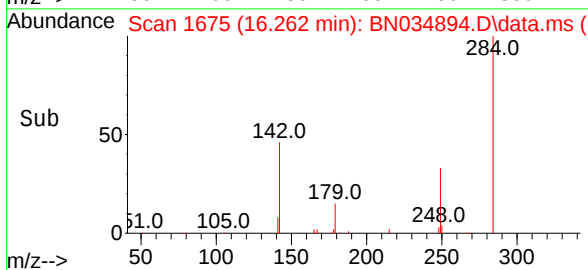
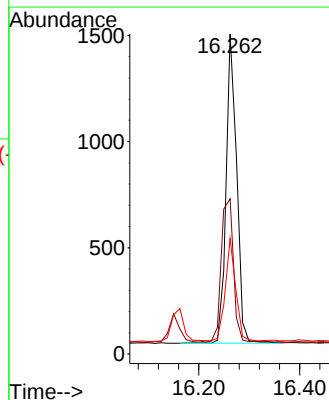
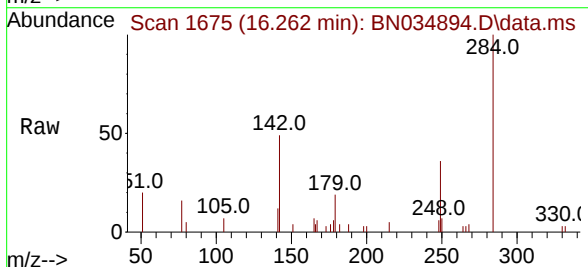
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

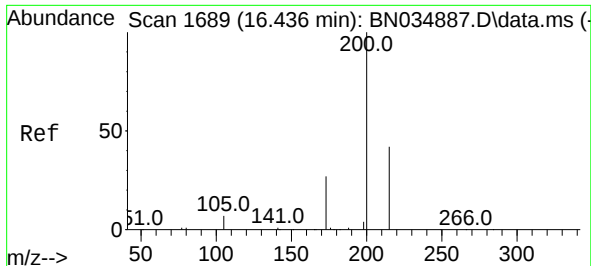
Tgt Ion:248 Resp: 1716
Ion Ratio Lower Upper
248 100
250 101.0 82.2 123.4
141 48.1 36.2 54.2



#22
Hexachlorobenzene
Concen: 0.212 ng
RT: 16.262 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion:284 Resp: 2106
Ion Ratio Lower Upper
284 100
142 53.9 43.4 65.2
249 32.3 25.8 38.6

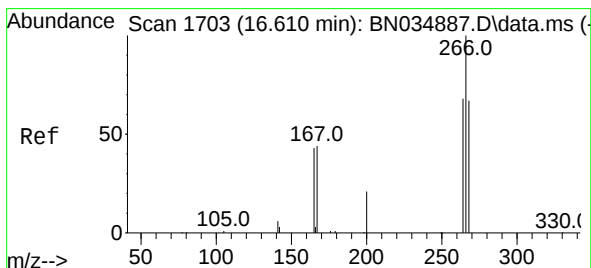
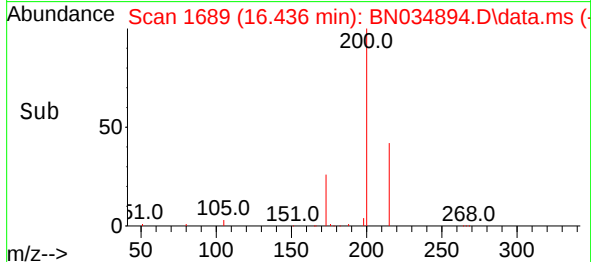
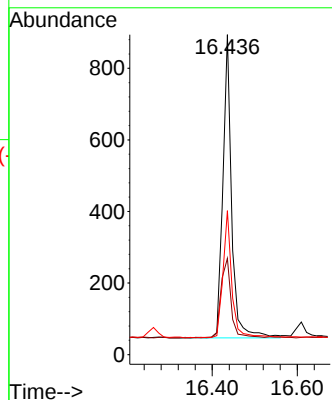
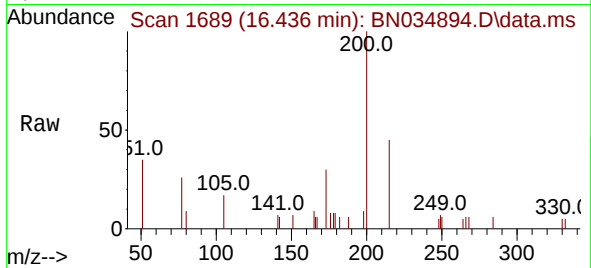




#23
Atrazine
Concen: 0.202 ng
RT: 16.436 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

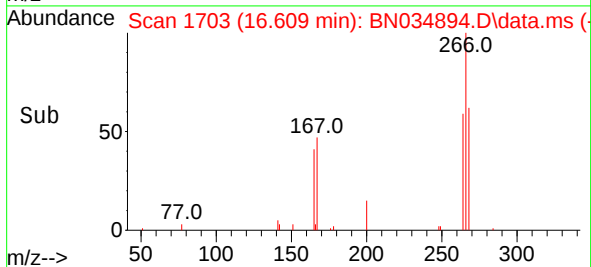
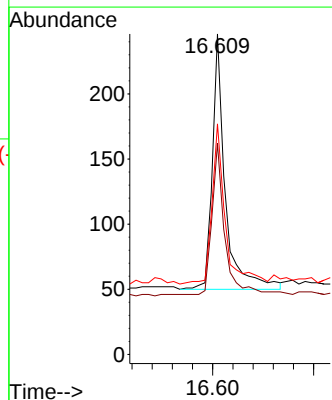
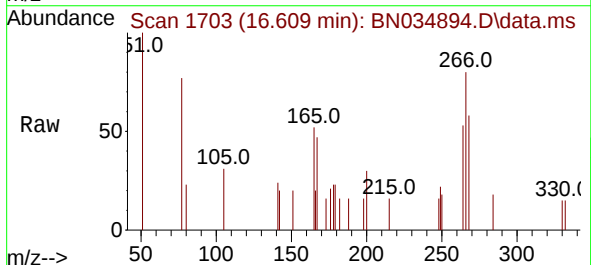
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

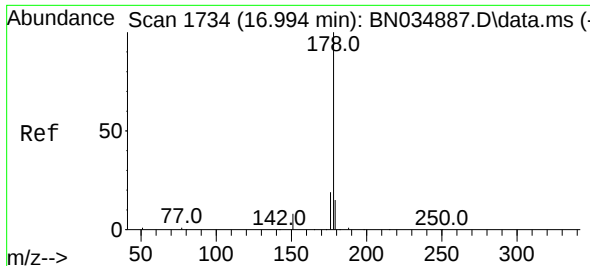
Tgt Ion:200 Resp: 1209
Ion Ratio Lower Upper
200 100
173 30.1 23.4 35.2
215 45.0 35.4 53.0



#24
Pentachlorophenol
Concen: 0.177 ng
RT: 16.609 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion:266 Resp: 349
Ion Ratio Lower Upper
266 100
264 58.2 51.3 76.9
268 63.9 53.0 79.6

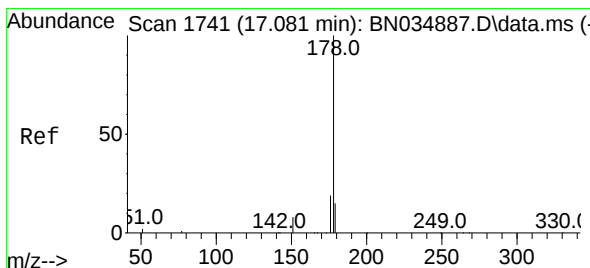
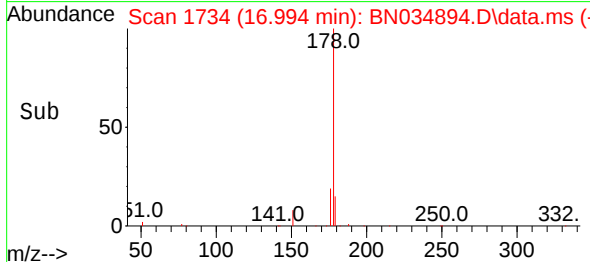
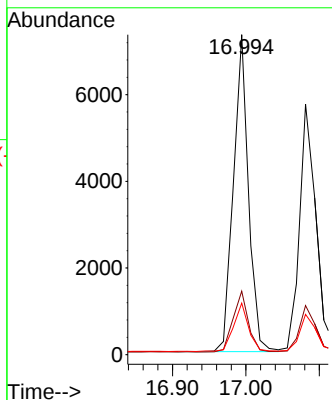
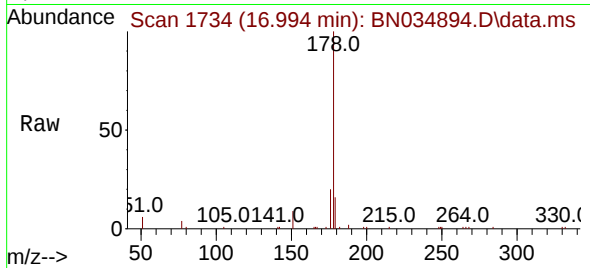




#25
Phenanthrene
Concen: 0.219 ng
RT: 16.994 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

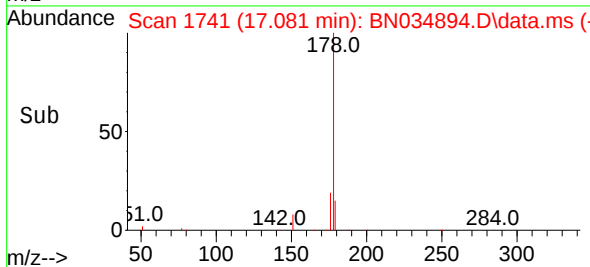
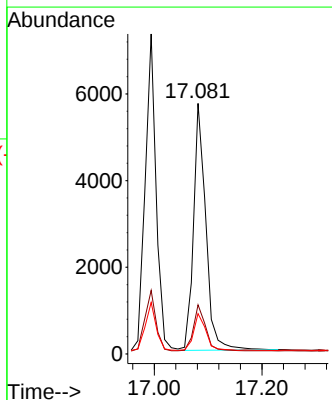
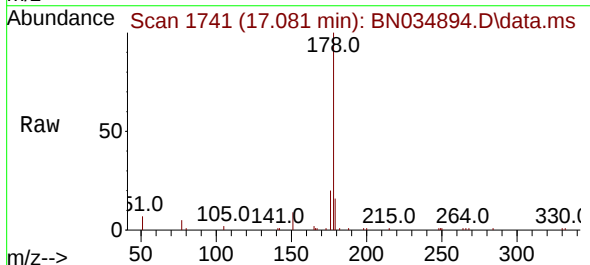
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

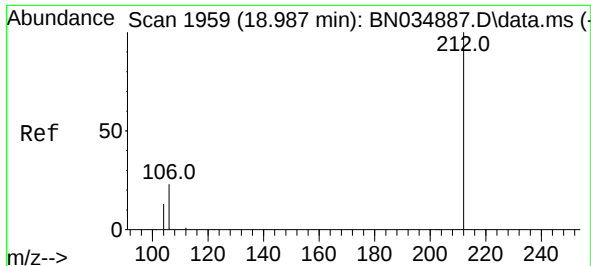
Tgt Ion:178 Resp: 10397
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.1 12.2 18.2



#26
Anthracene
Concen: 0.221 ng
RT: 17.081 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion:178 Resp: 9066
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.3 12.1 18.1

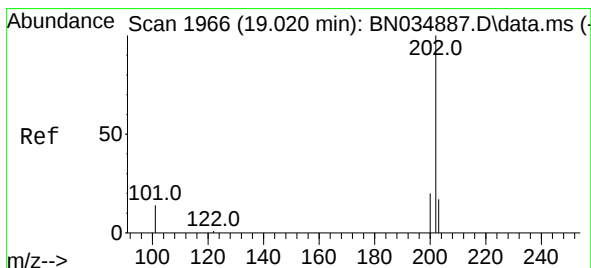
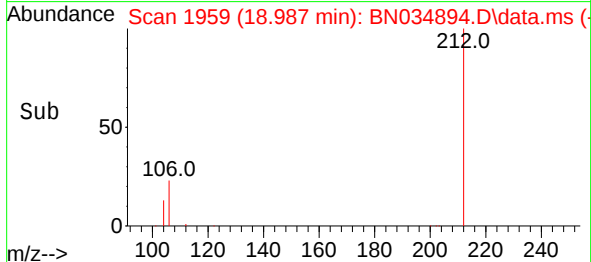
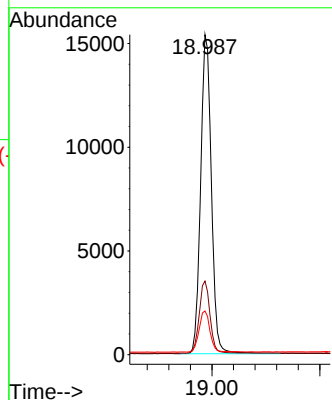
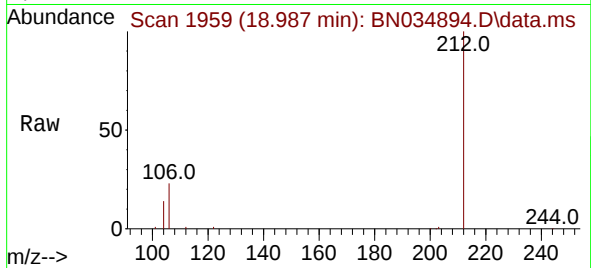




#27
Fluoranthene-d10
Concen: 0.606 ng
RT: 18.987 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

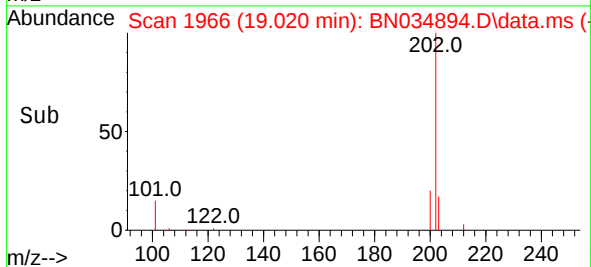
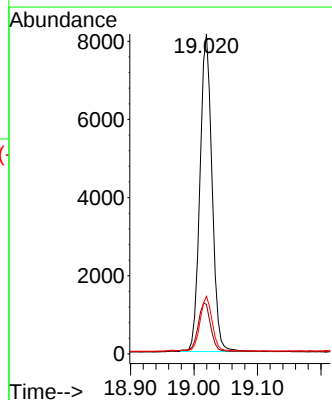
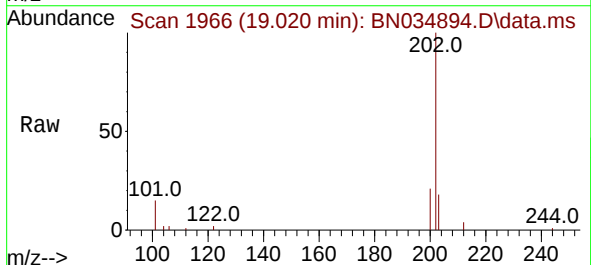
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

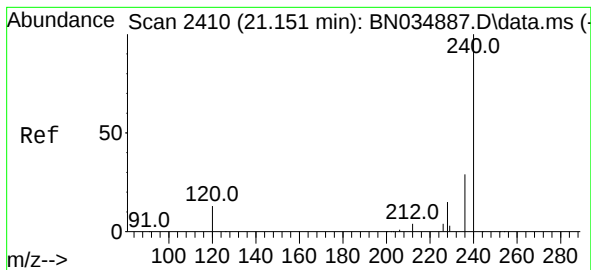
Tgt Ion:212 Resp: 21193
Ion Ratio Lower Upper
212 100
106 22.7 18.2 27.4
104 13.2 10.6 15.8



#28
Fluoranthene
Concen: 0.214 ng
RT: 19.020 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Tgt Ion:202 Resp: 10711
Ion Ratio Lower Upper
202 100
101 16.5 12.7 19.1
203 17.2 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.142 min Scan# 2409

Delta R.T. -0.009 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024

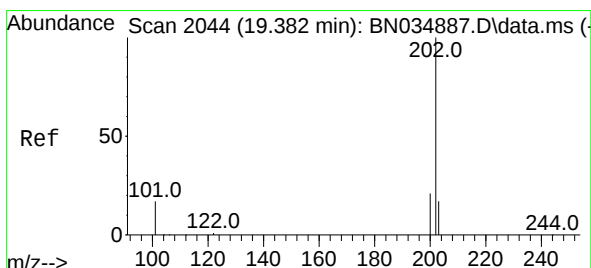
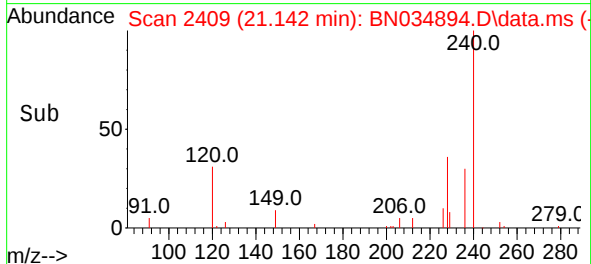
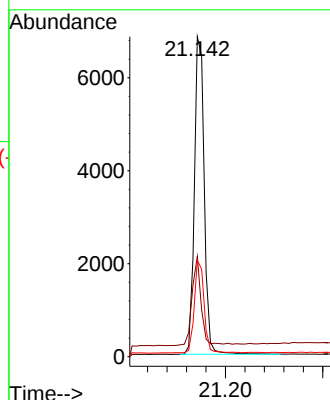
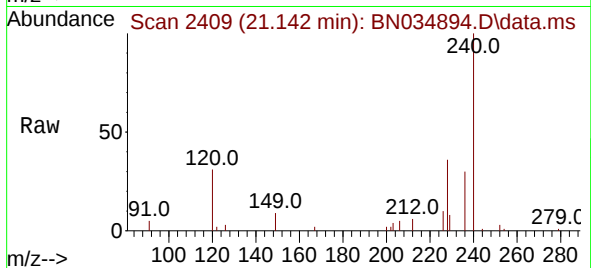
Tgt Ion:240 Resp: 9605

Ion Ratio Lower Upper

240 100

120 31.3 13.8 20.8#

236 30.1 23.8 35.6



#30

Pyrene

Concen: 0.214 ng

RT: 19.382 min Scan# 2044

Delta R.T. -0.000 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

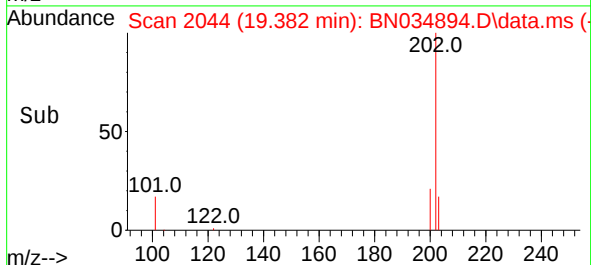
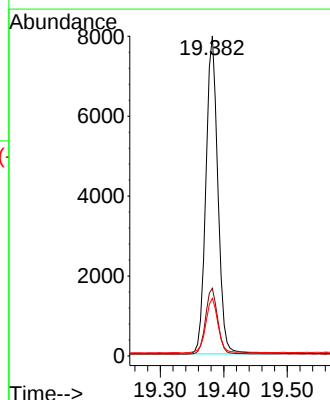
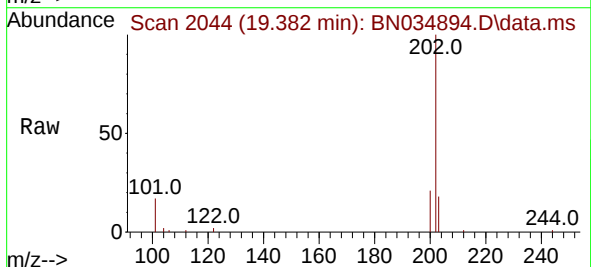
Tgt Ion:202 Resp: 10410

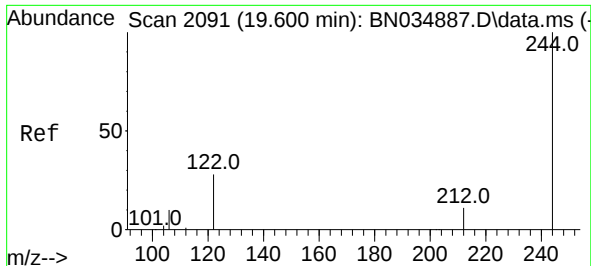
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.5 14.1 21.1

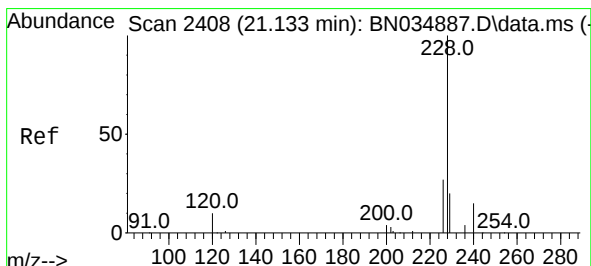
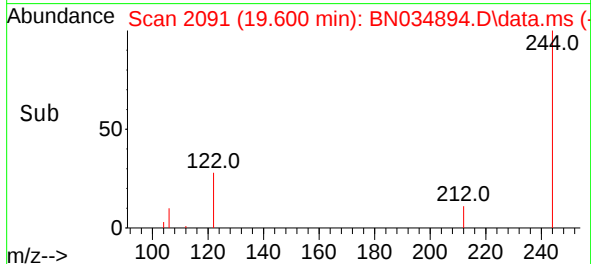
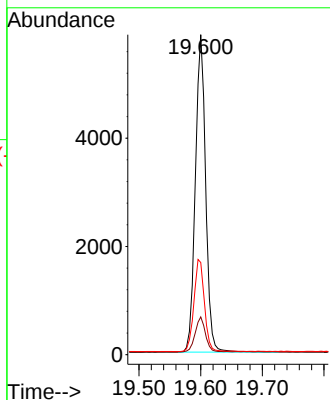
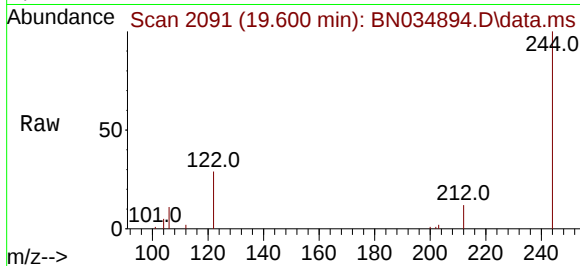




#31
 Terphenyl-d14
 Concen: 0.381 ng
 RT: 19.600 min Scan# 2091
 Delta R.T. -0.000 min
 Lab File: BN034894.D
 Acq: 07 Nov 2024 15:41

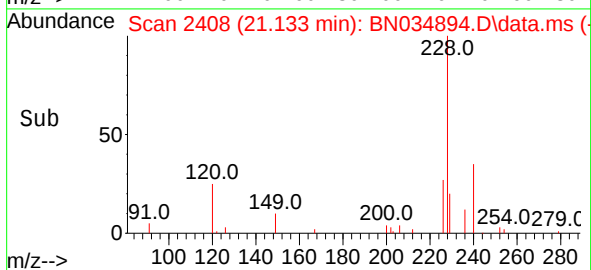
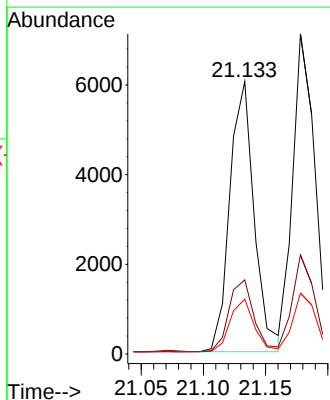
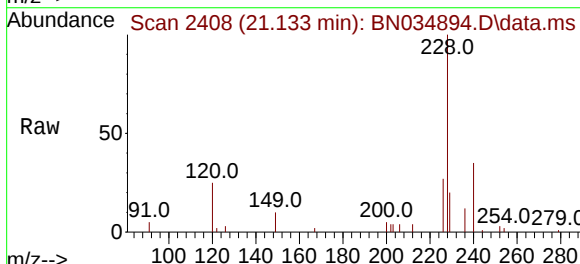
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

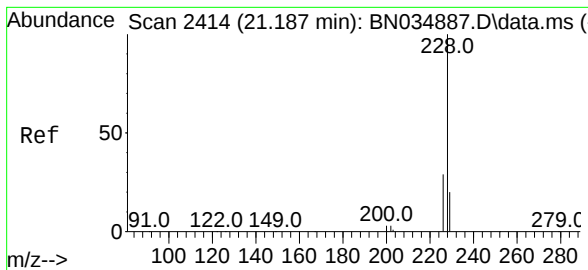
Tgt Ion:244	Resp:	6855
Ion Ratio	Lower	Upper
244	100	
212	11.8	9.4 14.0
122	28.8	23.0 34.4



#32
 Benzo(a)anthracene
 Concen: 0.220 ng
 RT: 21.133 min Scan# 2408
 Delta R.T. -0.000 min
 Lab File: BN034894.D
 Acq: 07 Nov 2024 15:41

Tgt Ion:228	Resp:	8219
Ion Ratio	Lower	Upper
228	100	
226	27.2	22.2 33.2
229	20.2	16.0 24.0





#33

Chrysene

Concen: 0.228 ng

RT: 21.178 min Scan# 2414

Delta R.T. -0.009 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024

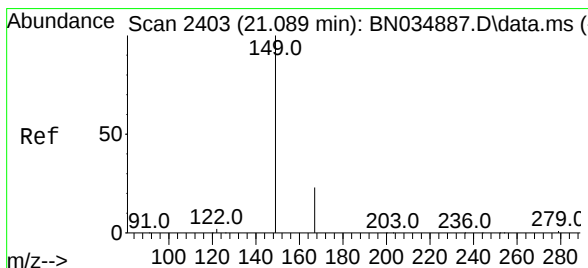
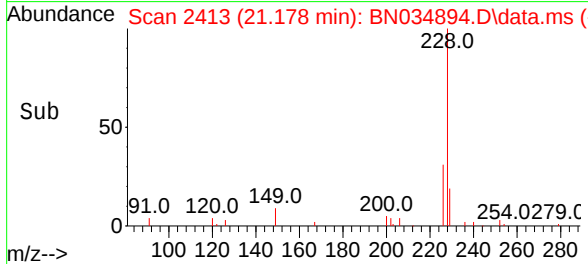
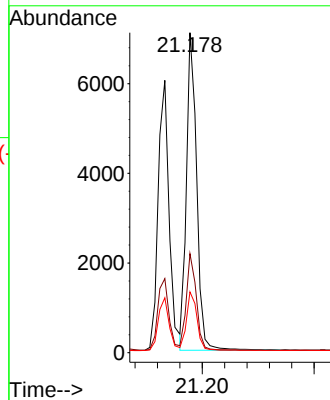
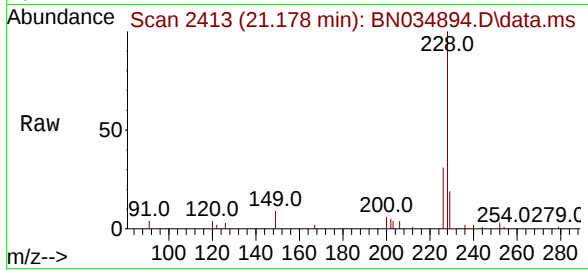
Tgt Ion:228 Resp: 9023

Ion Ratio Lower Upper

228 100

226 31.0 23.7 35.5

229 19.0 16.3 24.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.191 ng

RT: 21.088 min Scan# 2403

Delta R.T. -0.001 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

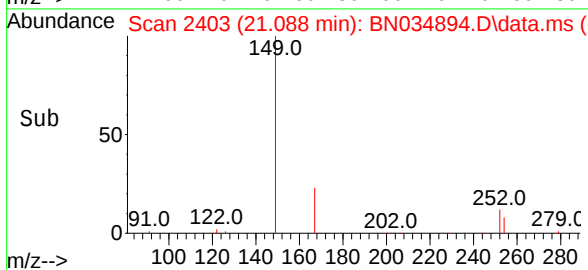
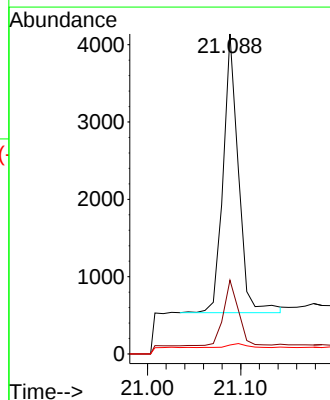
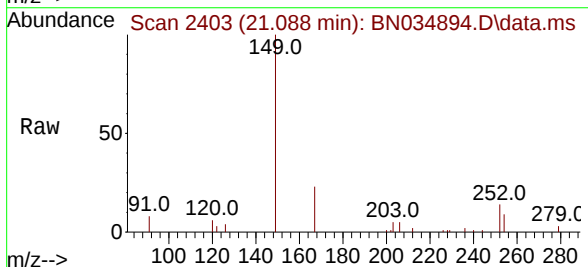
Tgt Ion:149 Resp: 4095

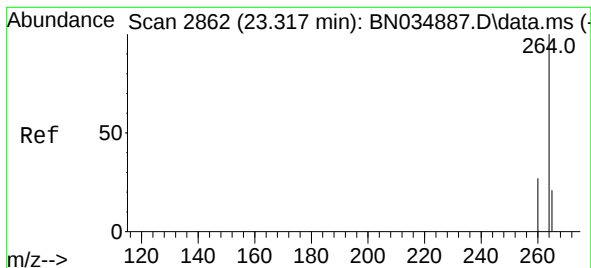
Ion Ratio Lower Upper

149 100

167 23.3 18.1 27.1

279 1.6 1.2 1.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.314 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN034894.D

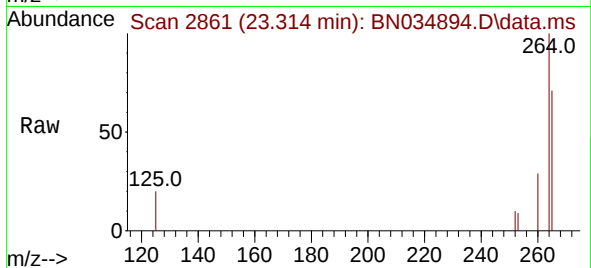
Acq: 07 Nov 2024 15:41

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024



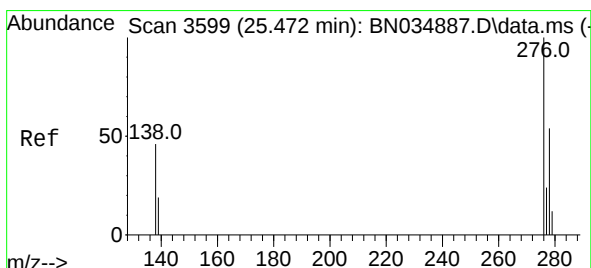
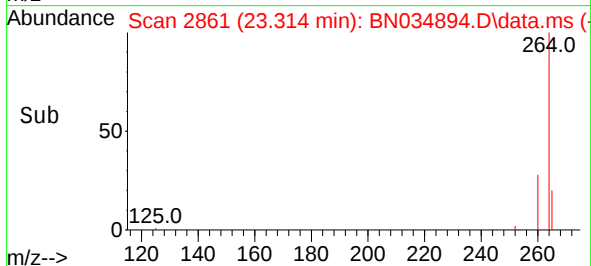
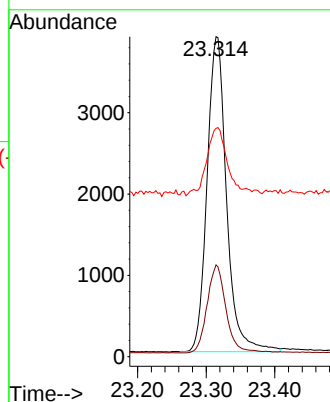
Tgt Ion:264 Resp: 7636

Ion Ratio Lower Upper

264 100

260 28.7 22.2 33.2

265 71.3 60.9 91.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.196 ng

RT: 25.472 min Scan# 3599

Delta R.T. -0.000 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

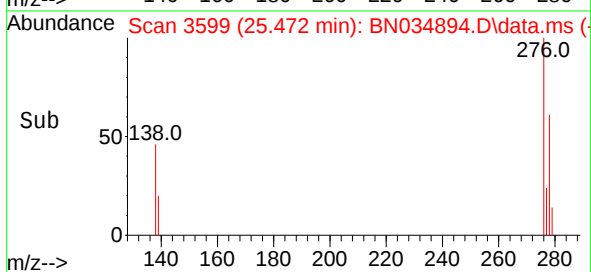
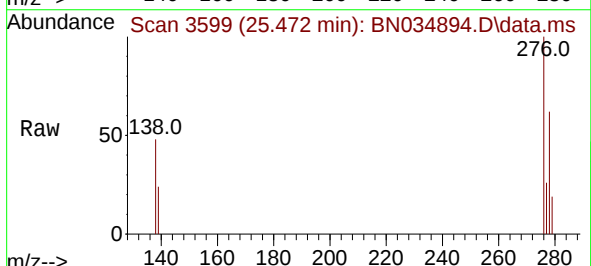
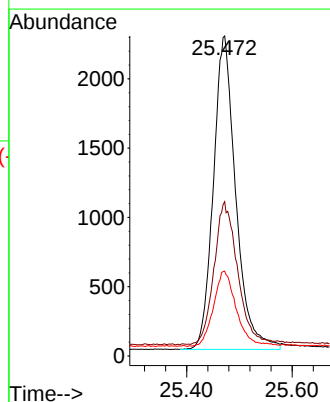
Tgt Ion:276 Resp: 6668

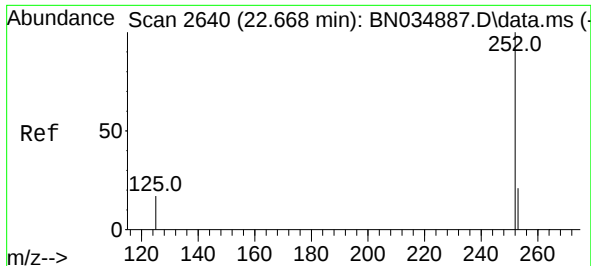
Ion Ratio Lower Upper

276 100

138 47.5 38.4 57.6

277 24.2 19.4 29.2





#37

Benzo(b)fluoranthene

Concen: 0.239 ng

RT: 22.668 min Scan# 2640

Delta R.T. -0.000 min

Lab File: BN034894.D

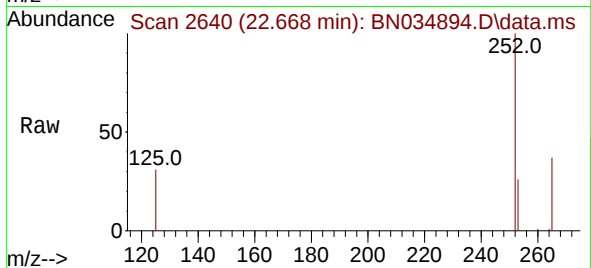
Acq: 07 Nov 2024 15:41

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024



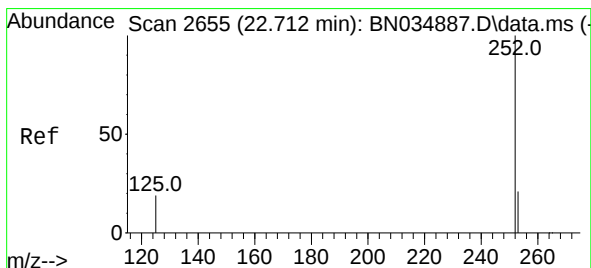
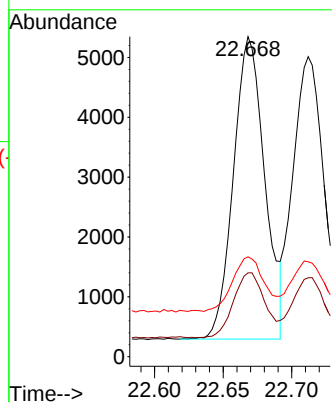
Tgt Ion:252 Resp: 8004

Ion Ratio Lower Upper

252 100

253 26.2 19.4 29.2

125 31.2 21.4 32.2



#38

Benzo(k)fluoranthene

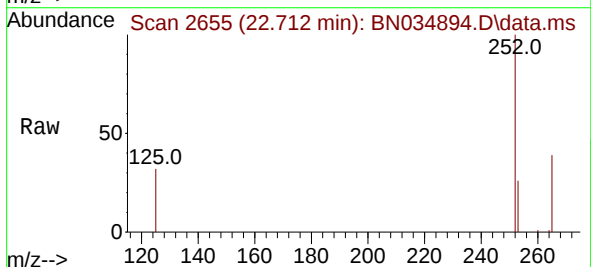
Concen: 0.218 ng

RT: 22.712 min Scan# 2655

Delta R.T. -0.000 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41



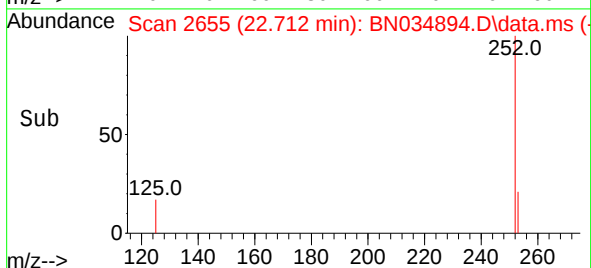
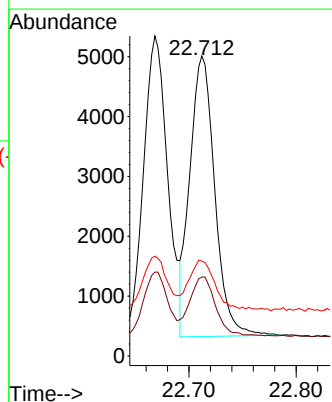
Tgt Ion:252 Resp: 7598

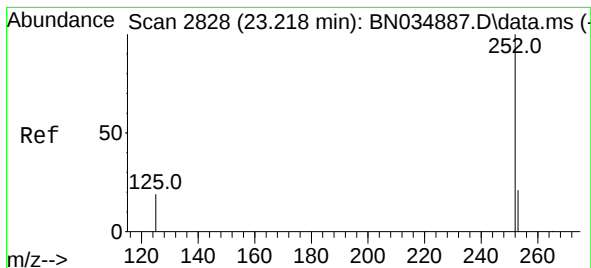
Ion Ratio Lower Upper

252 100

253 26.3 19.8 29.8

125 31.6 22.6 33.8





#39

Benzo(a)pyrene

Concen: 0.213 ng

RT: 23.221 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024

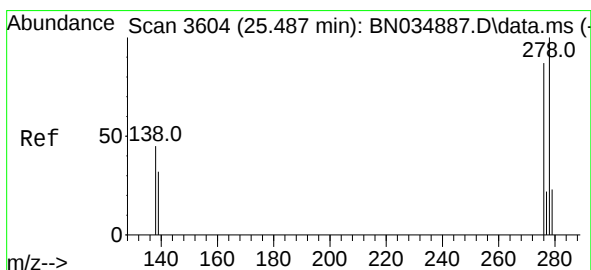
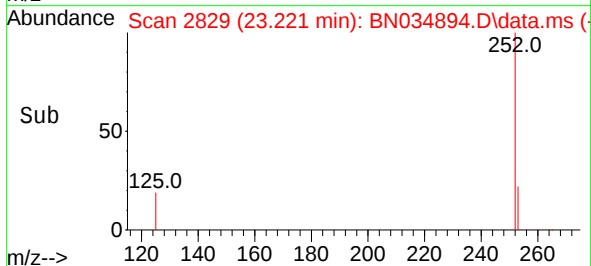
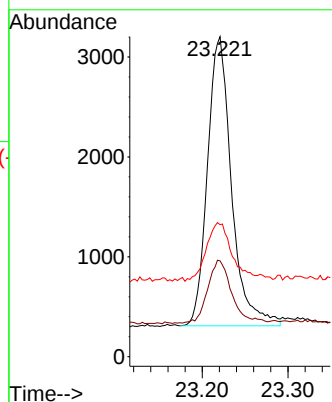
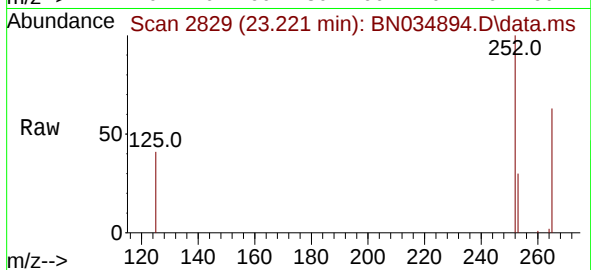
Tgt Ion:252 Resp: 5669

Ion Ratio Lower Upper

252 100

253 29.9 21.4 32.2

125 41.2 27.8 41.6



#40

Dibenzo(a,h)anthracene

Concen: 0.198 ng

RT: 25.487 min Scan# 3604

Delta R.T. -0.000 min

Lab File: BN034894.D

Acq: 07 Nov 2024 15:41

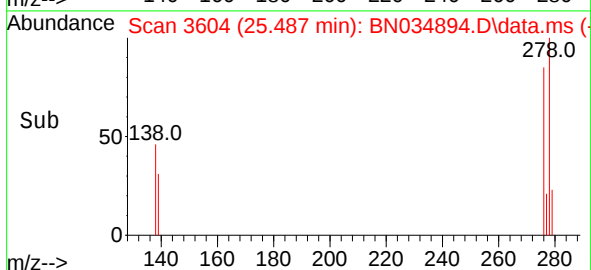
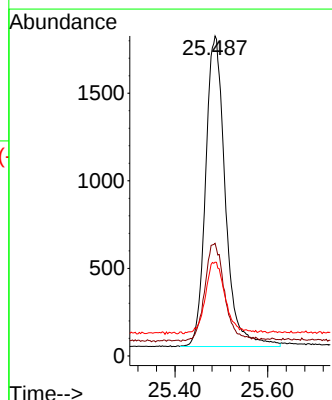
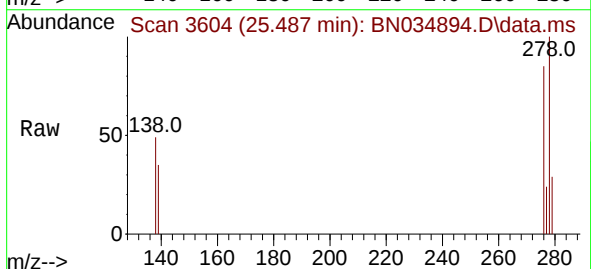
Tgt Ion:278 Resp: 5218

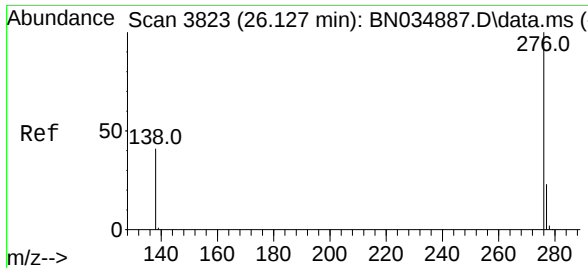
Ion Ratio Lower Upper

278 100

139 35.2 27.2 40.8

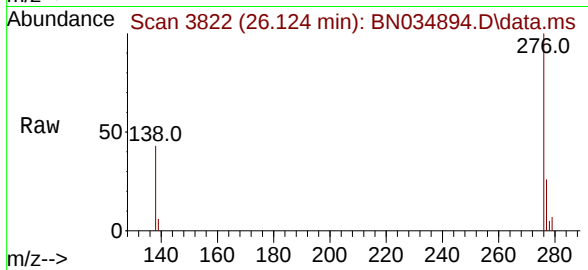
279 29.3 21.4 32.0





#41
Benzo(g,h,i)perylene
Concen: 0.212 ng
RT: 26.124 min Scan# 3822
Delta R.T. -0.003 min
Lab File: BN034894.D
Acq: 07 Nov 2024 15:41

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:276 Resp: 5910
Ion Ratio Lower Upper
276 100
277 25.8 20.2 30.2
138 42.8 33.9 50.9

