

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
 Data File : BN023664.D
 Acq On : 16 Jan 2023 14:23
 Operator : CG/JU
 Sample : N3214-01
 Misc : LOD-MDL-SOIL 0.2ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jan 17 04:33:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 04:31:57 2023
 Response via : Initial Calibration

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

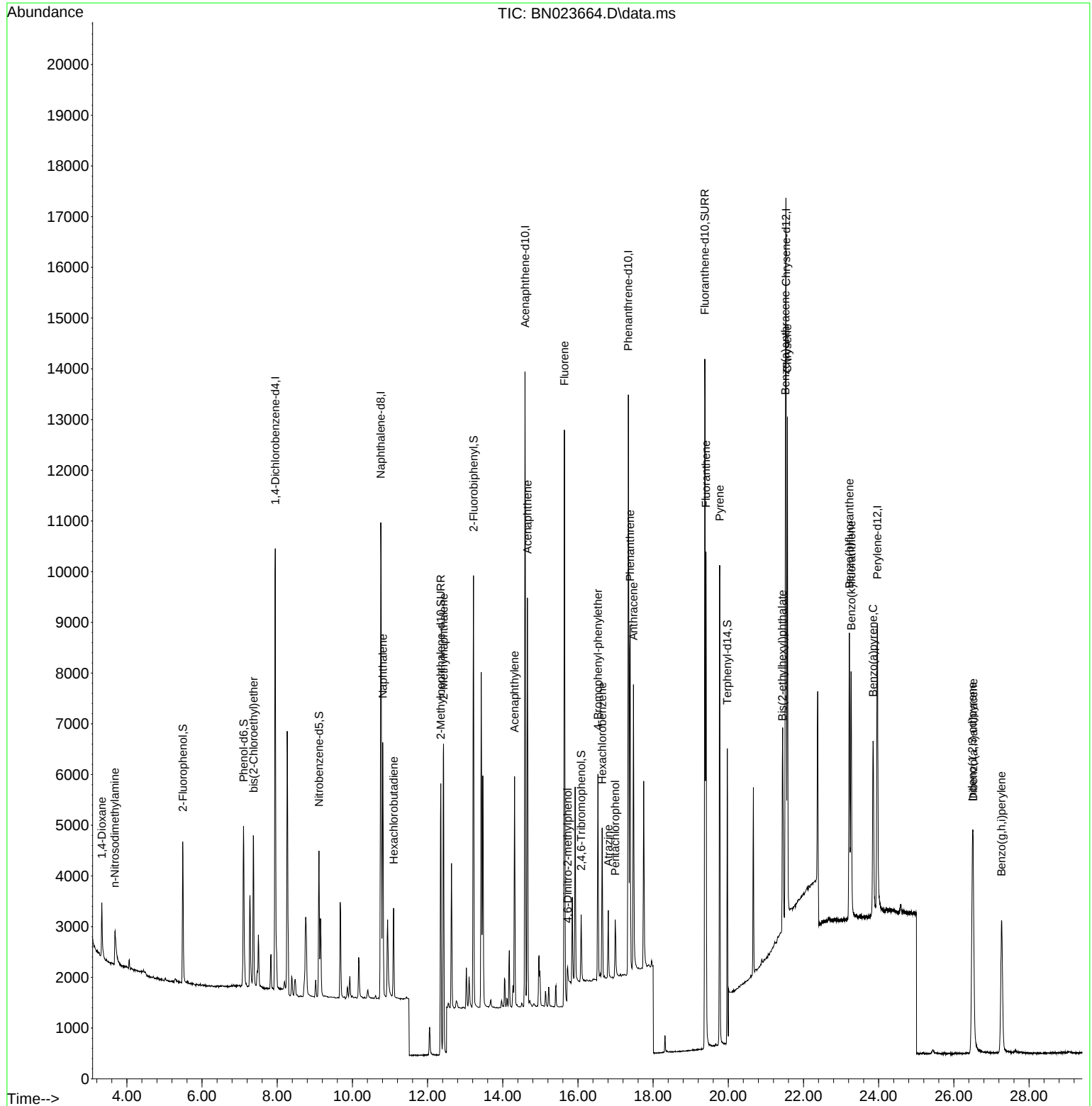
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4302	0.400	ng	0.00
7) Naphthalene-d8	10.754	136	12722	0.400	ng	# 0.00
13) Acenaphthene-d10	14.591	164	6872	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	14995	0.400	ng	0.00
29) Chrysene-d12	21.535	240	11666	0.400	ng	0.00
35) Perylene-d12	23.963	264	8675	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.493	112	2394	0.280	ng	0.00
5) Phenol-d6	7.103	99	3026	0.275	ng	0.00
8) Nitrobenzene-d5	9.110	82	2337	0.244	ng	0.00
11) 2-Methylnaphthalene-d10	12.352	152	7224	0.411	ng	0.00
14) 2,4,6-Tribromophenol	16.086	330	733	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.223	172	7301	0.263	ng	0.00
27) Fluoranthene-d10	19.376	212	14901	0.406	ng	0.00
31) Terphenyl-d14	19.974	244	8548	0.289	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	727	0.188	ng	96
3) n-Nitrosodimethylamine	3.680	42	693	0.160	ng	# 96
6) bis(2-Chloroethyl)ether	7.370	93	2378	0.205	ng	99
9) Naphthalene	10.808	128	6360	0.189	ng	99
10) Hexachlorobutadiene	11.096	225	1344	0.197	ng	# 97
12) 2-Methylnaphthalene	12.423	142	4865	0.202	ng	99
16) Acenaphthylene	14.313	152	4821	0.174	ng	100
17) Acenaphthene	14.655	154	3678	0.181	ng	98
18) Fluorene	15.639	166	4941	0.181	ng	100
20) 4,6-Dinitro-2-methylph...	15.726	198	228	0.140	ng	# 44
21) 4-Bromophenyl-phenylether	16.533	248	1538	0.180	ng	99
22) Hexachlorobenzene	16.645	284	2092	0.196	ng	99
23) Atrazine	16.806	200	997	0.169	ng	95
24) Pentachlorophenol	16.992	266	594	0.161	ng	96
25) Phenanthrene	17.390	178	7904	0.180	ng	100
26) Anthracene	17.476	178	6084	0.173	ng	99
28) Fluoranthene	19.405	202	8469	0.171	ng	100
30) Pyrene	19.772	202	8384	0.188	ng	100
32) Benzo(a)anthracene	21.518	228	6496	0.172	ng	99
33) Chrysene	21.571	228	7881	0.190	ng	99
34) Bis(2-ethylhexyl)phtha...	21.437	149	3392	0.193	ng	99
36) Indeno(1,2,3-cd)pyrene	26.492	276	6575	0.169	ng	100
37) Benzo(b)fluoranthene	23.220	252	7212	0.194	ng	# 91
38) Benzo(k)fluoranthene	23.270	252	6618	0.183	ng	# 90
39) Benzo(a)pyrene	23.851	252	5681	0.203	ng	# 90
40) Dibenzo(a,h)anthracene	26.515	278	5244	0.168	ng	# 90
41) Benzo(g,h,i)perylene	27.269	276	6000	0.189	ng	96

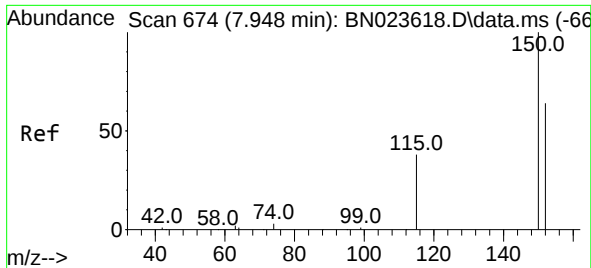
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023664.D
Acq On : 16 Jan 2023 14:23
Operator : CG/JU
Sample : N3214-01
Misc : LOD-MDL-SOIL 0.2ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

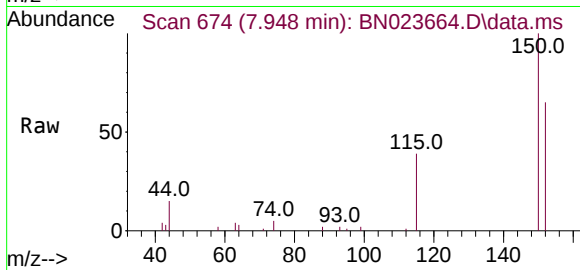
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 04:31:57 2023
Response via : Initial Calibration



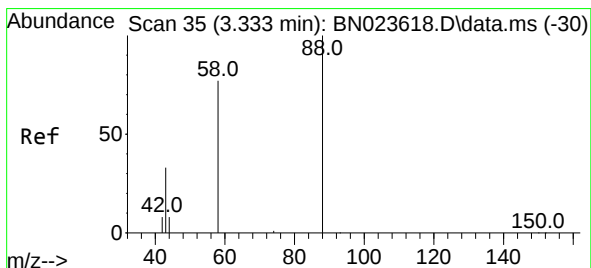
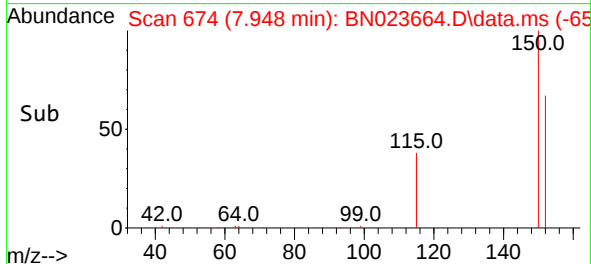
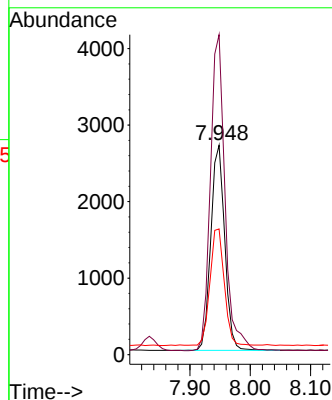


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.948 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN023664.D
 Acq: 16 Jan 2023 14:23

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

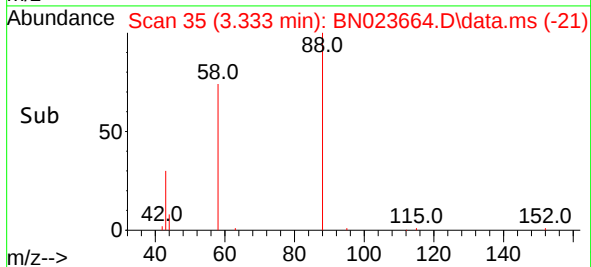
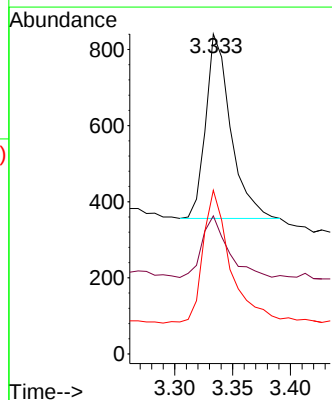
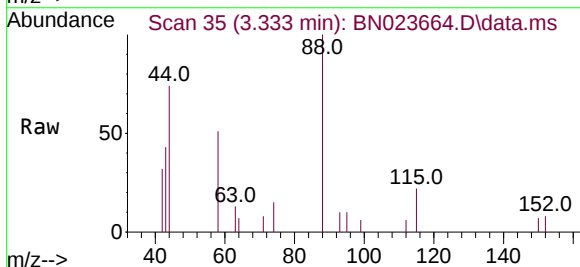


Tgt Ion:152 Resp: 4302
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.8 185.8
 115 60.0 50.6 75.8



#2
 1,4-Dioxane
 Concen: 0.188 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: BN023664.D
 Acq: 16 Jan 2023 14:23

Tgt Ion: 88 Resp: 727
 Ion Ratio Lower Upper
 88 100
 43 34.5 26.2 39.2
 58 79.6 60.6 90.8

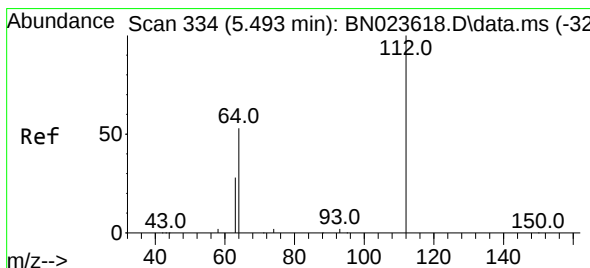
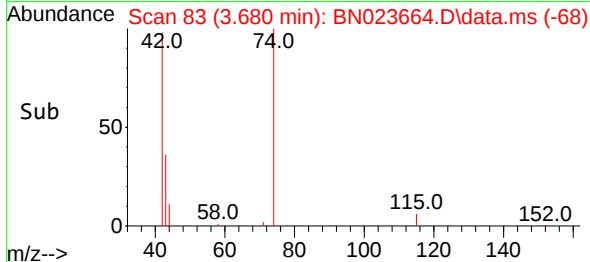
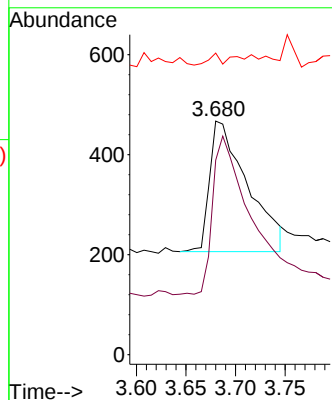
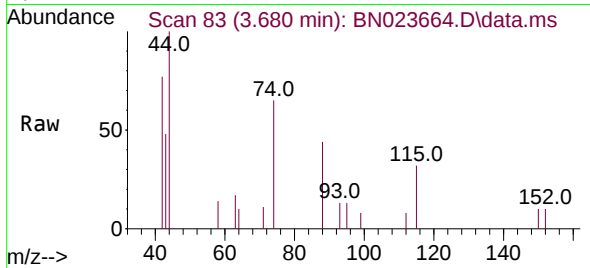




#3
n-Nitrosodimethylamine
Concen: 0.160 ng
RT: 3.680 min Scan# 82
Delta R.T. 0.007 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

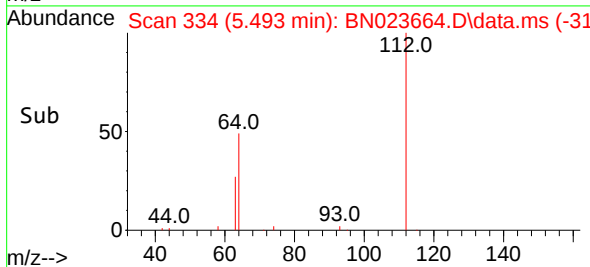
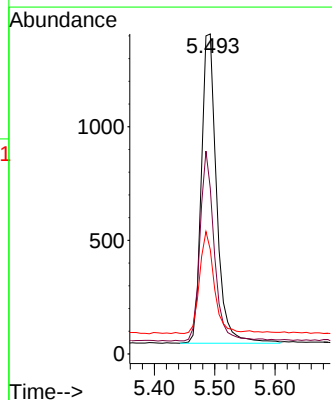
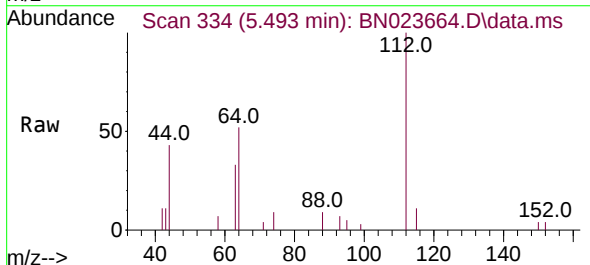
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 42 Resp: 693
Ion Ratio Lower Upper
42 100
74 118.8 92.1 138.1
44 2.5 5.4 8.0#



#4
2-Fluorophenol
Concen: 0.280 ng
RT: 5.493 min Scan# 334
Delta R.T. 0.007 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

Tgt Ion: 112 Resp: 2394
Ion Ratio Lower Upper
112 100
64 57.6 44.9 67.3
63 31.2 24.9 37.3

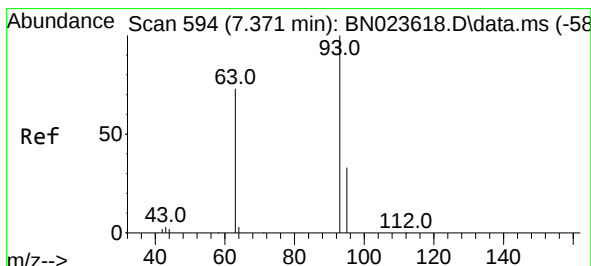
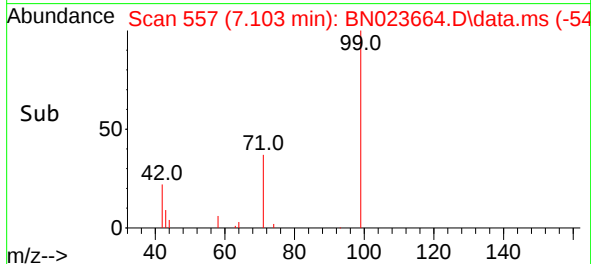
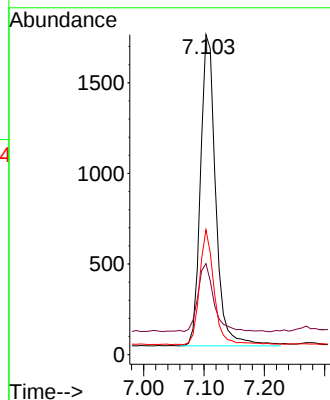
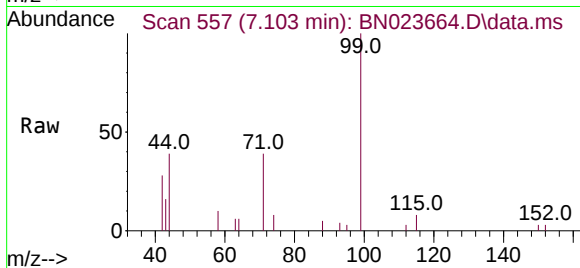




#5
Phenol-d6
Concen: 0.275 ng
RT: 7.103 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

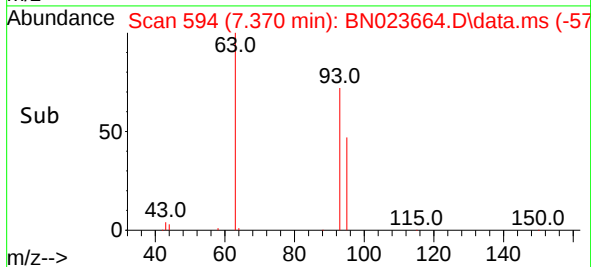
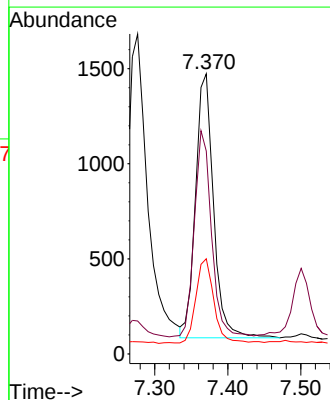
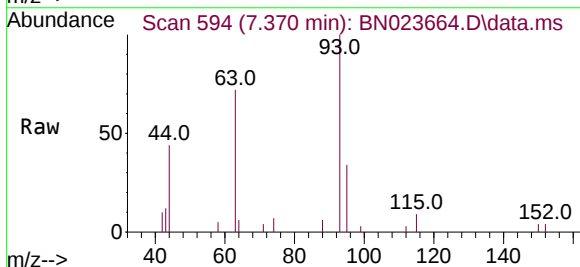
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

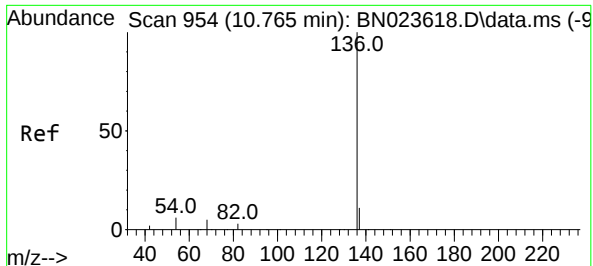
Tgt Ion:	99	Resp:	3026
Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.8	28.2
71	34.8	28.2	42.4



#6
bis(2-Chloroethyl)ether
Concen: 0.205 ng
RT: 7.370 min Scan# 594
Delta R.T. 0.007 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

Tgt Ion:	93	Resp:	2378
Ion	Ratio	Lower	Upper
93	100		
63	74.0	59.6	89.4
95	32.5	25.3	37.9

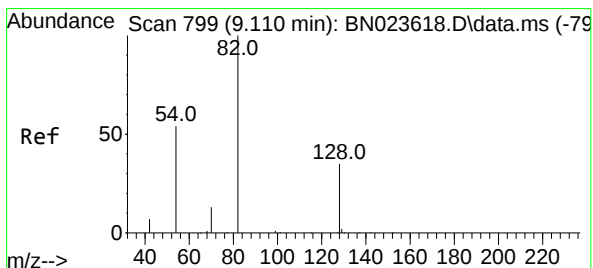
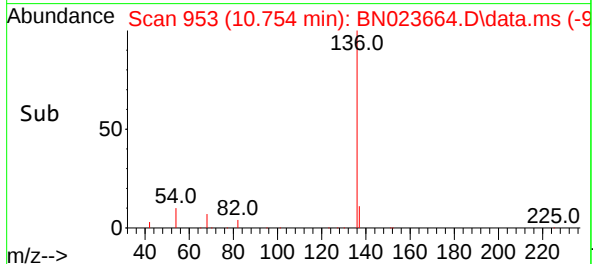
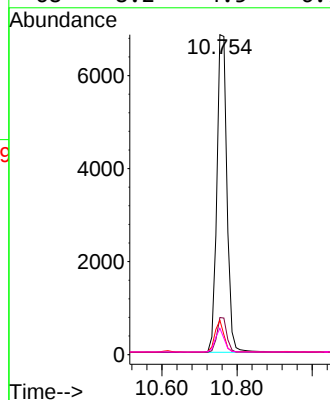
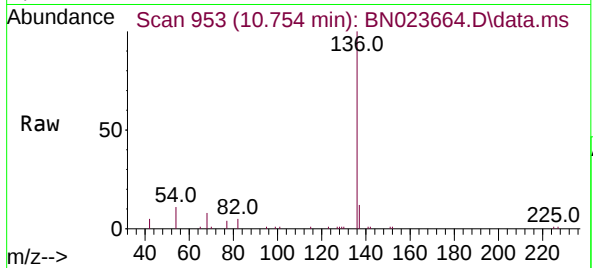




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.754 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

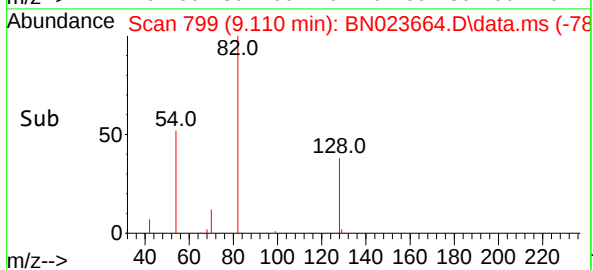
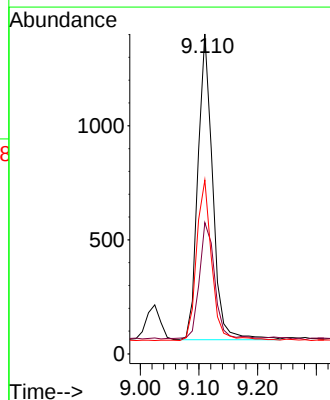
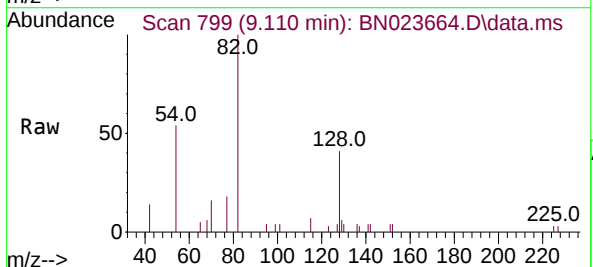
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

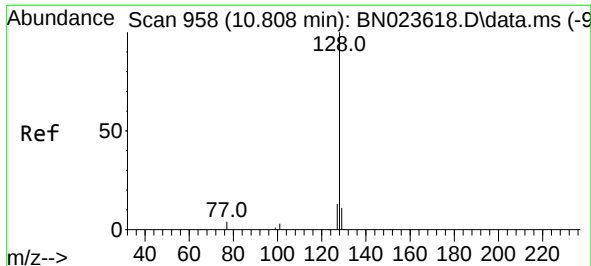
Tgt Ion:	136	Resp:	12722
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	10.7	5.7	8.5#
68	8.2	4.5	6.7#



#8
Nitrobenzene-d5
Concen: 0.244 ng
RT: 9.110 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

Tgt Ion:	82	Resp:	2337
Ion	Ratio	Lower	Upper
82	100		
128	41.1	29.8	44.8
54	54.3	43.9	65.9

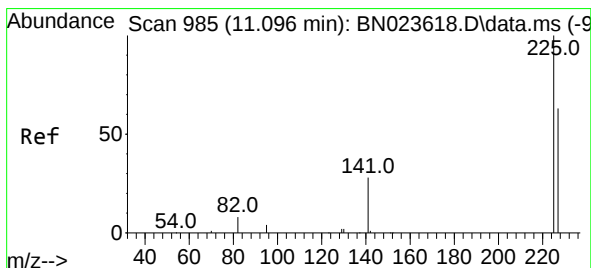
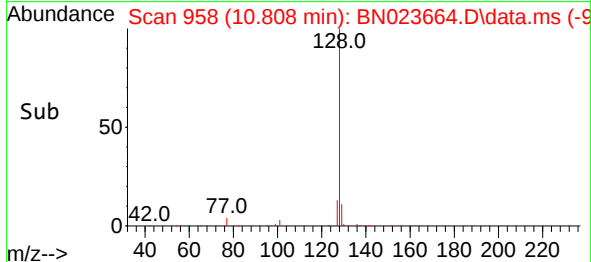
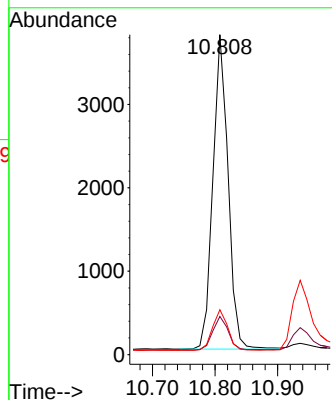
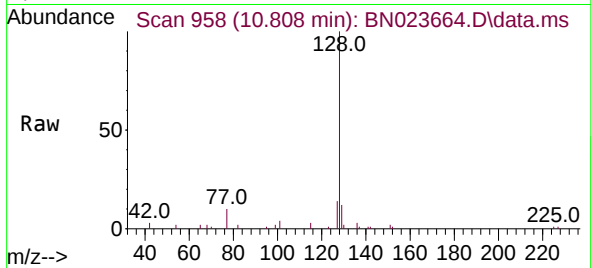




#9
Naphthalene
Concen: 0.189 ng
RT: 10.808 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

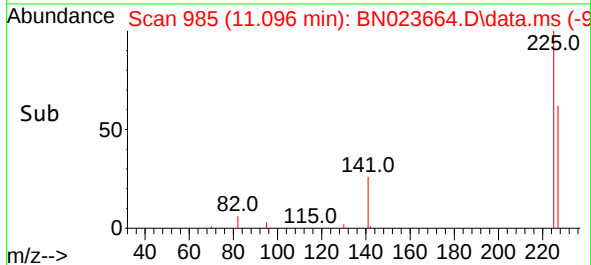
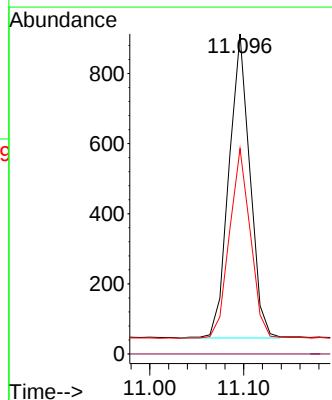
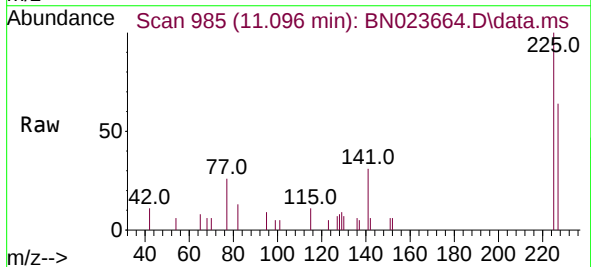
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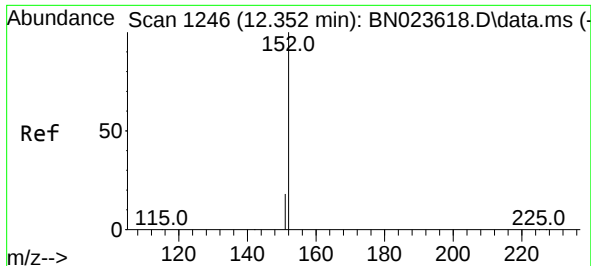
Tgt Ion:	128	Resp:	6360
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	14.0	11.0	16.4



#10
Hexachlorobutadiene
Concen: 0.197 ng
RT: 11.096 min Scan# 985
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

Tgt Ion:	225	Resp:	1344
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.4	51.8	77.6

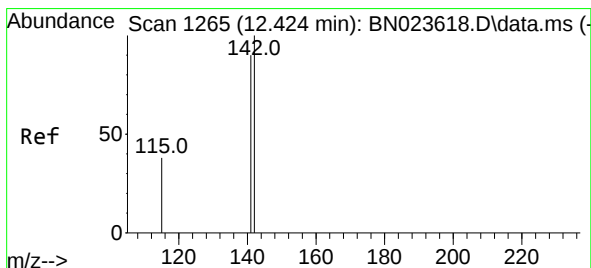
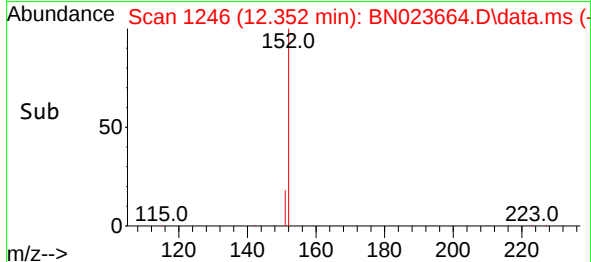
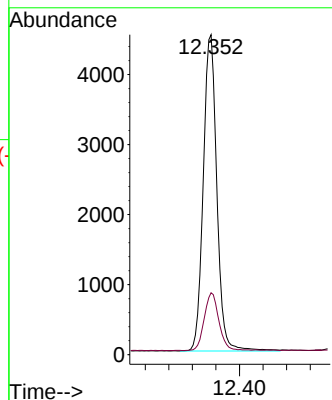
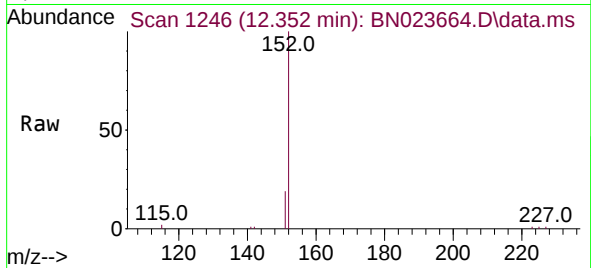




#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.352 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

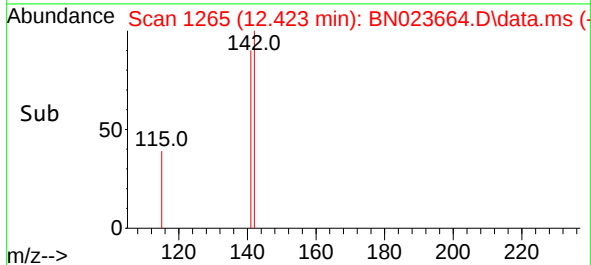
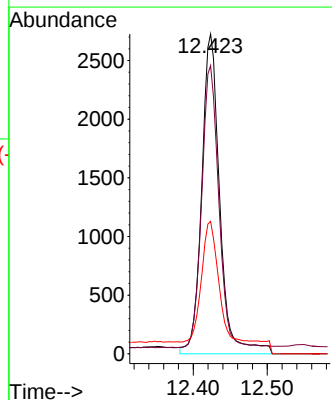
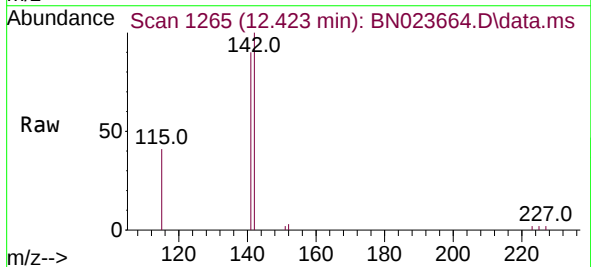
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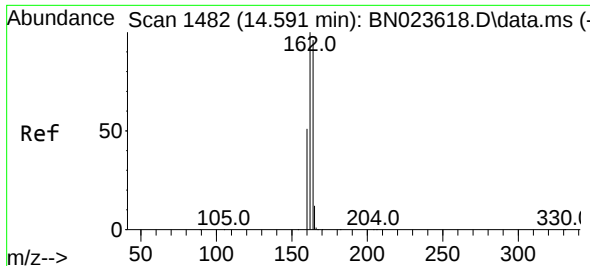
Tgt Ion:152 Resp: 7224
Ion Ratio Lower Upper
152 100
151 19.6 16.9 25.3



#12
2-Methylnaphthalene
Concen: 0.202 ng
RT: 12.423 min Scan# 1265
Delta R.T. 0.004 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

Tgt Ion:142 Resp: 4865
Ion Ratio Lower Upper
142 100
141 90.1 72.0 108.0
115 41.4 31.7 47.5

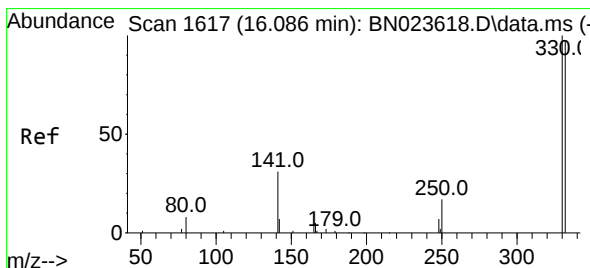
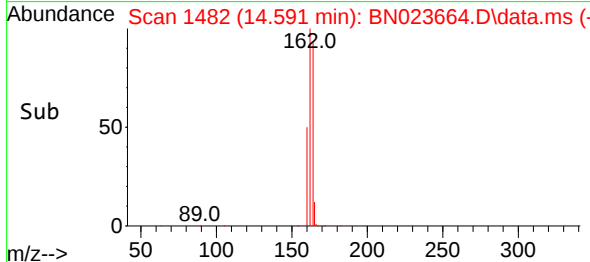
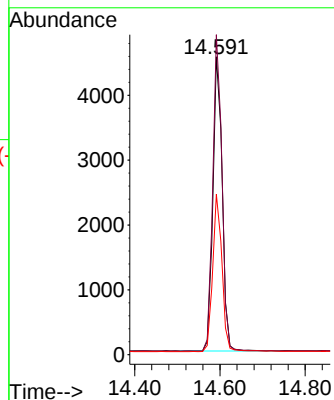
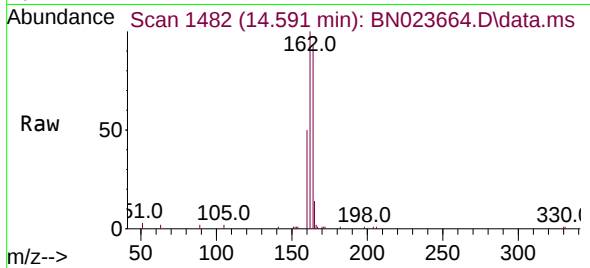




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.591 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

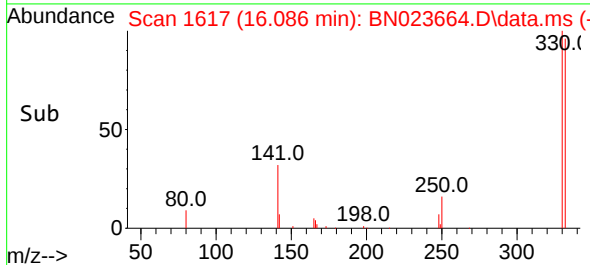
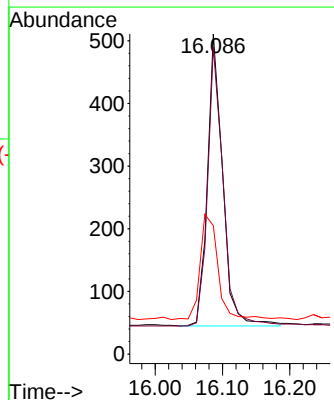
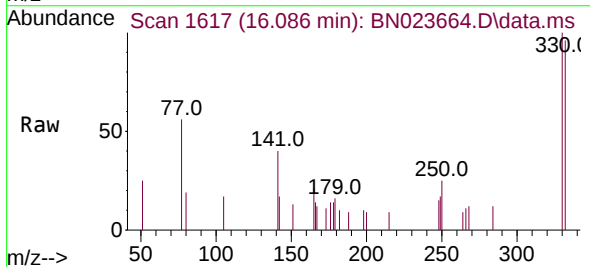
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

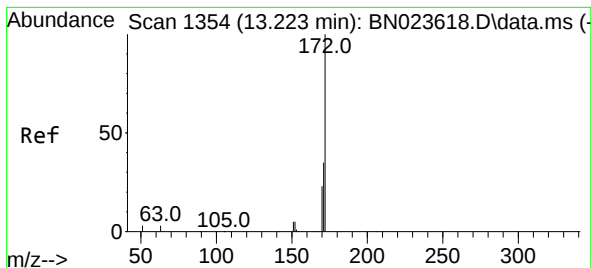
Tgt Ion:164 Resp: 6872
Ion Ratio Lower Upper
164 100
162 107.4 83.4 125.2
160 53.8 42.7 64.1



#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 16.086 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

Tgt Ion:330 Resp: 733
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 42.2 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.263 ng

RT: 13.223 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

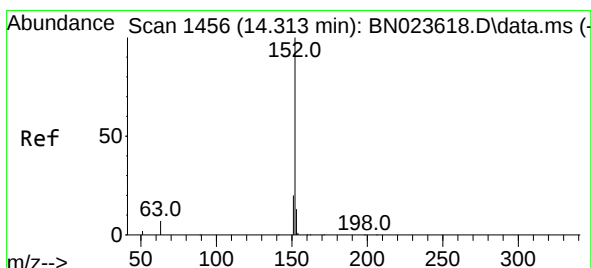
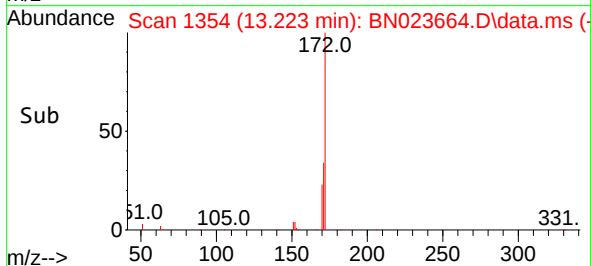
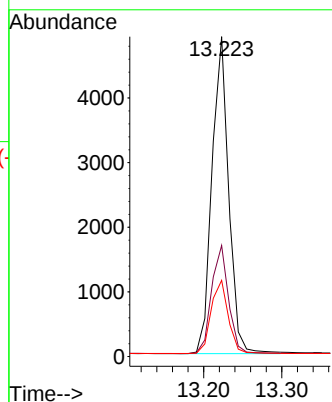
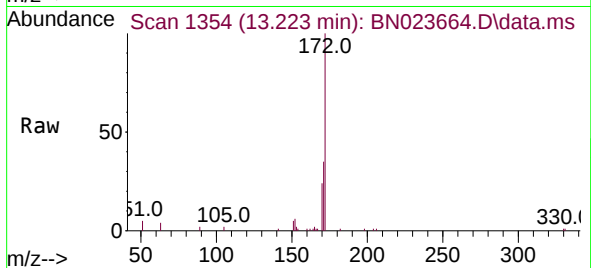
Tgt Ion:172 Resp: 7301

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.8 19.0 28.4



#16

Acenaphthylene

Concen: 0.174 ng

RT: 14.313 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

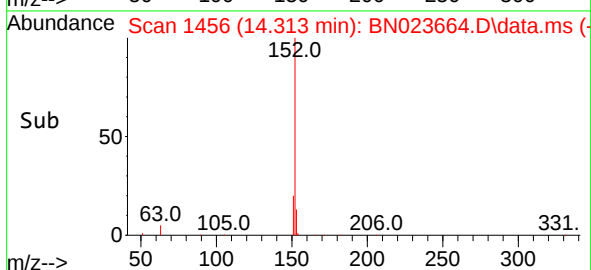
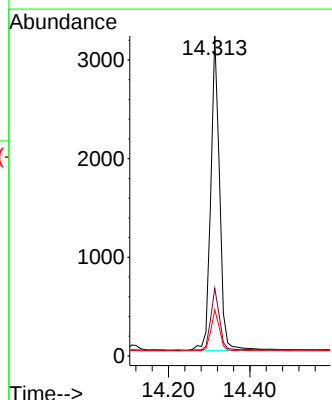
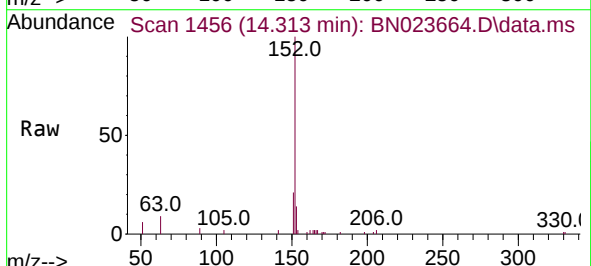
Tgt Ion:152 Resp: 4821

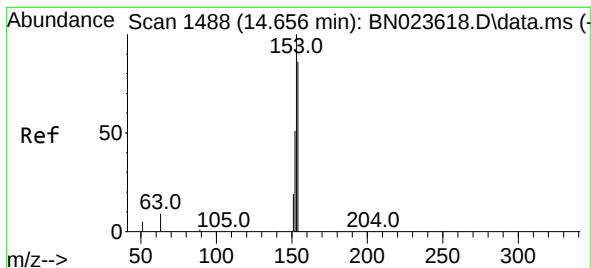
Ion Ratio Lower Upper

152 100

151 19.6 15.6 23.4

153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.181 ng

RT: 14.655 min Scan# 1488

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

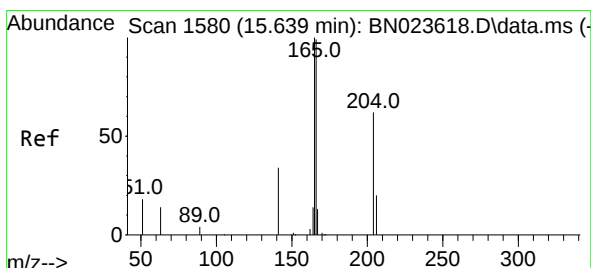
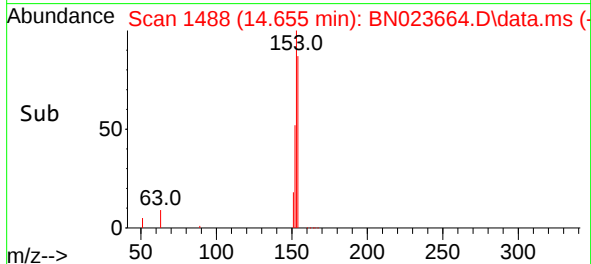
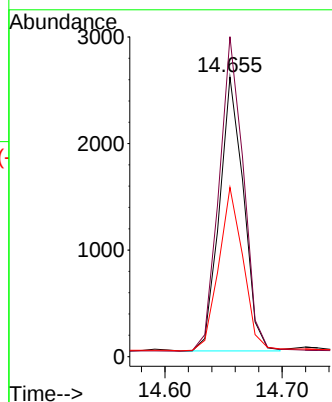
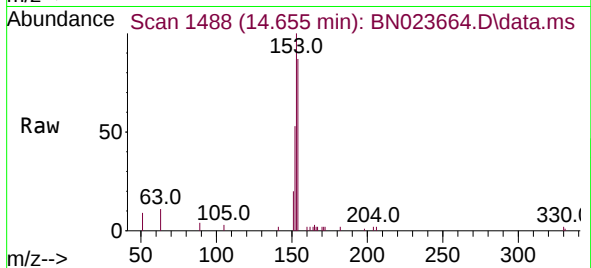
Tgt Ion:154 Resp: 3678

Ion Ratio Lower Upper

154 100

153 117.1 92.4 138.6

152 61.9 48.2 72.2



#18

Fluorene

Concen: 0.181 ng

RT: 15.639 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

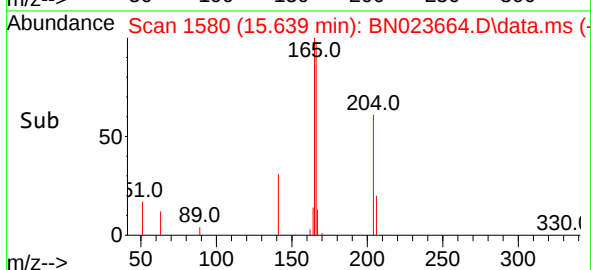
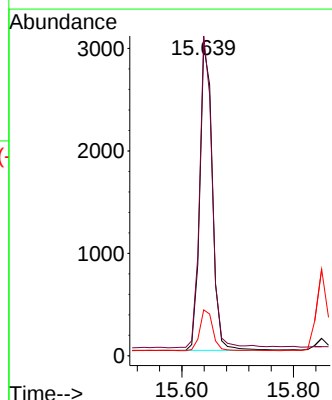
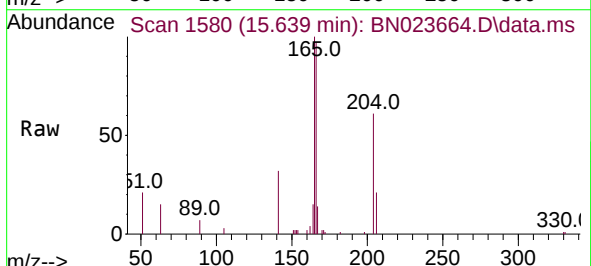
Tgt Ion:166 Resp: 4941

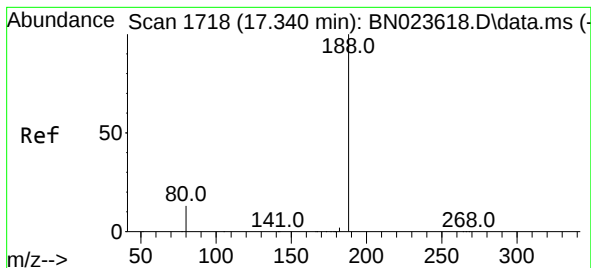
Ion Ratio Lower Upper

166 100

165 100.3 80.4 120.6

167 13.2 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.340 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

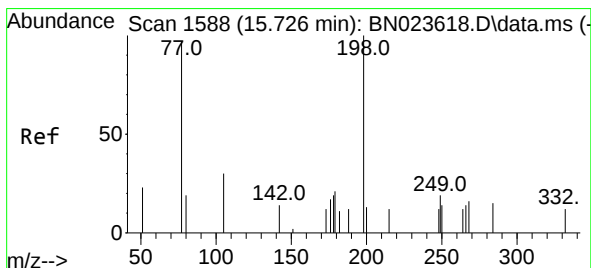
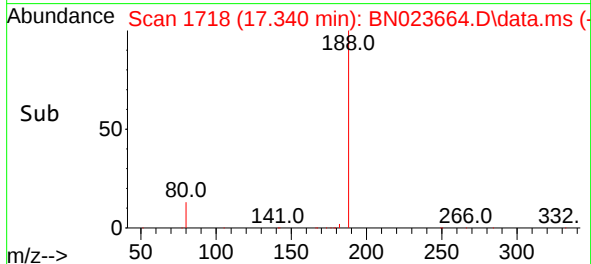
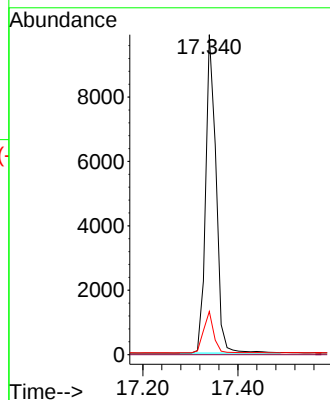
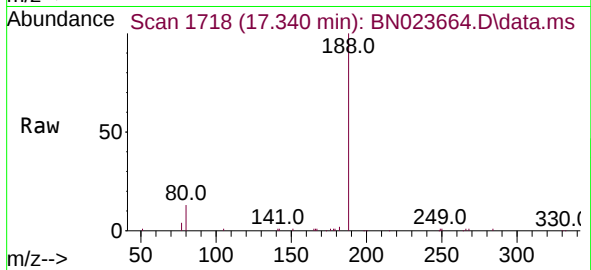
Tgt Ion:188 Resp: 14995

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 11.0 16.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.726 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

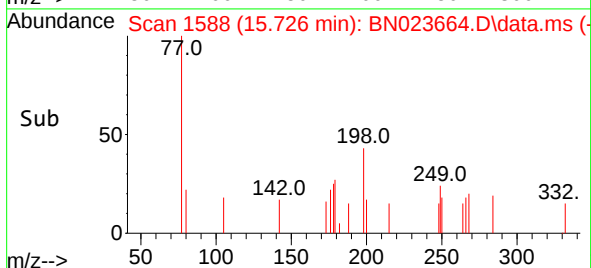
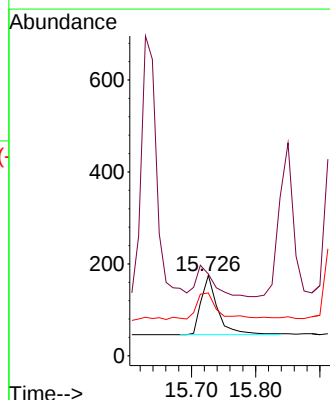
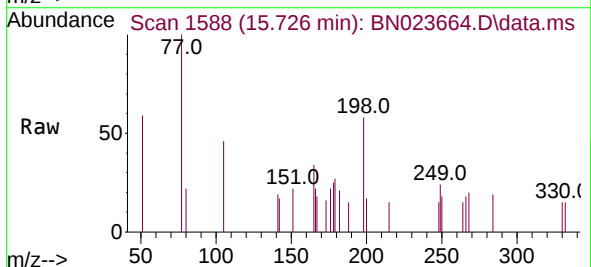
Tgt Ion:198 Resp: 228

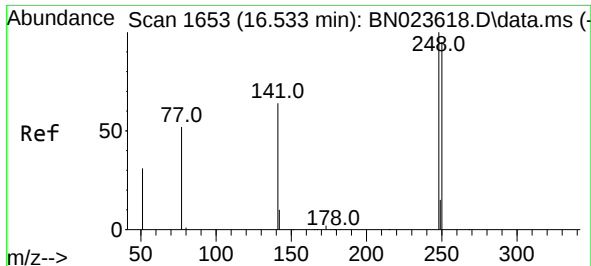
Ion Ratio Lower Upper

198 100

51 101.7 44.9 67.3#

105 78.3 37.0 55.4#

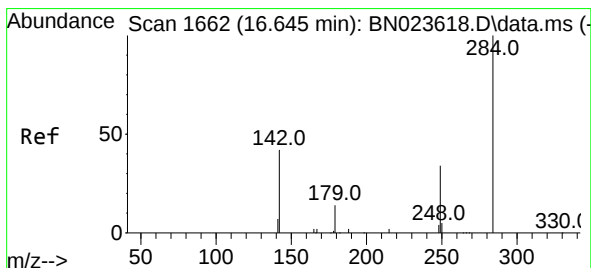
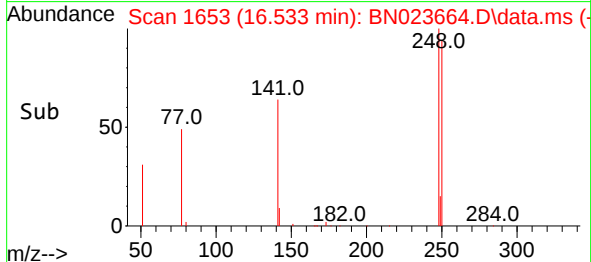
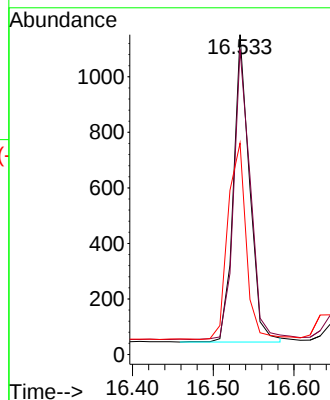
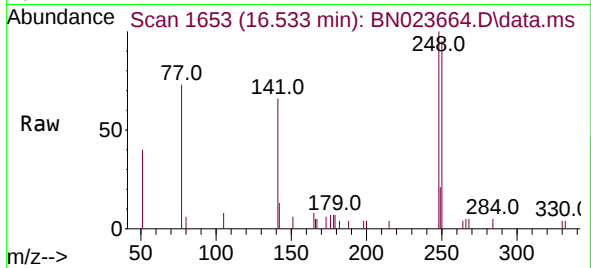




#21
4-Bromophenyl-phenylether
Concen: 0.180 ng
RT: 16.533 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

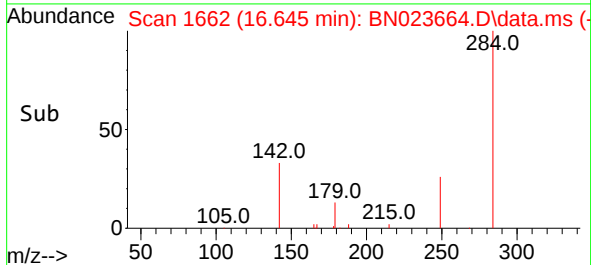
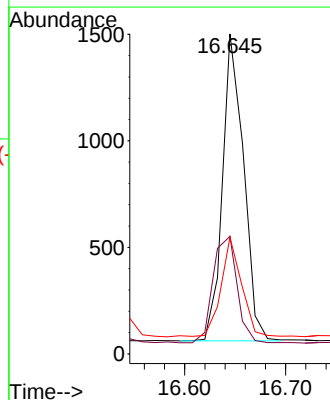
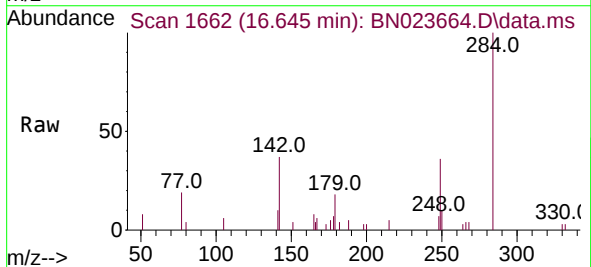
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

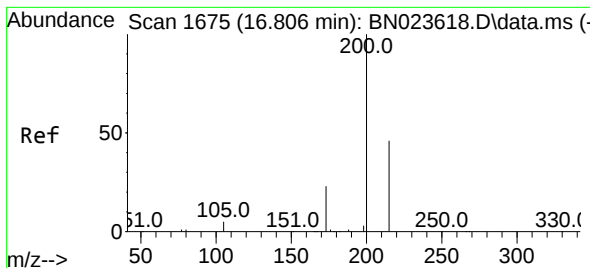
Tgt Ion:248 Resp: 1538
Ion Ratio Lower Upper
248 100
250 95.4 76.6 114.8
141 66.1 52.3 78.5



#22
Hexachlorobenzene
Concen: 0.196 ng
RT: 16.645 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

Tgt Ion:284 Resp: 2092
Ion Ratio Lower Upper
284 100
142 39.4 31.4 47.2
249 31.7 24.9 37.3





#23

Atrazine

Concen: 0.169 ng

RT: 16.806 min Scan# 1675

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

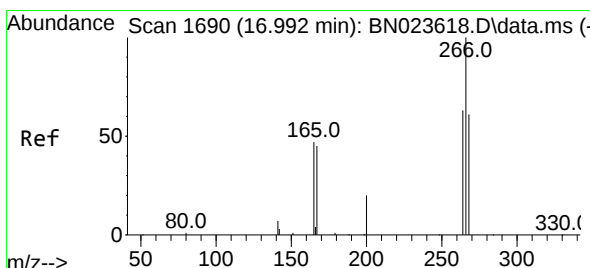
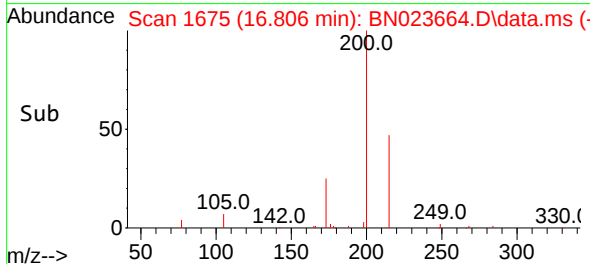
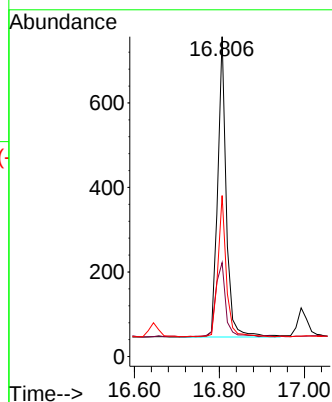
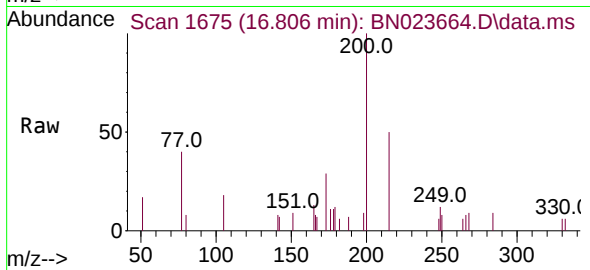
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:200	Resp:	997
Ion Ratio	Lower	Upper
200	100	
173	29.3	20.4 30.6
215	50.3	38.1 57.1



#24

Pentachlorophenol

Concen: 0.161 ng

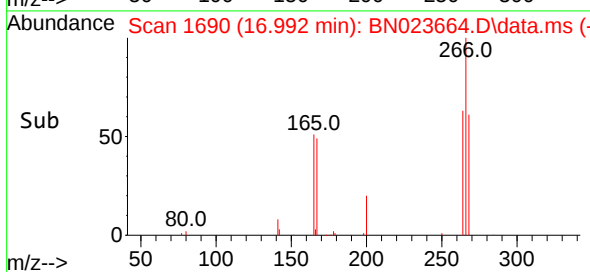
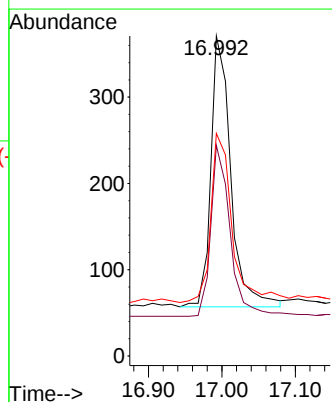
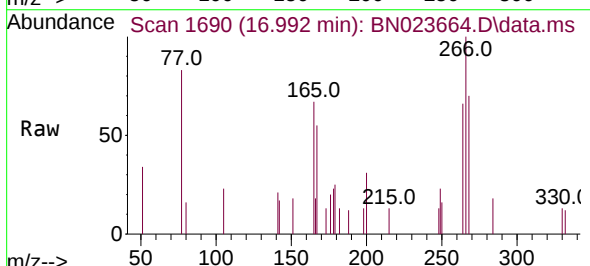
RT: 16.992 min Scan# 1690

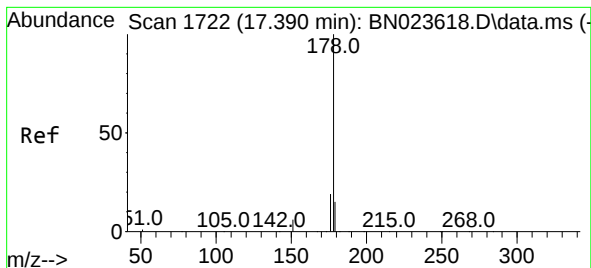
Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

Tgt Ion:266	Resp:	594
Ion Ratio	Lower	Upper
266	100	
264	62.1	49.7 74.5
268	67.3	49.3 73.9





#25

Phenanthrene

Concen: 0.180 ng

RT: 17.390 min Scan# 1722

Delta R.T. 0.012 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

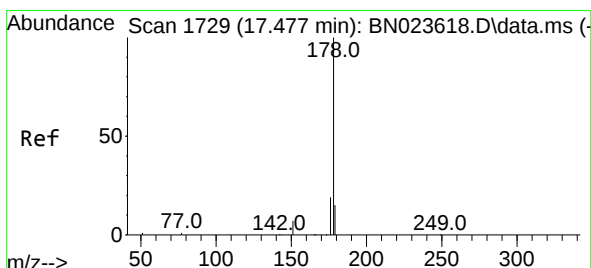
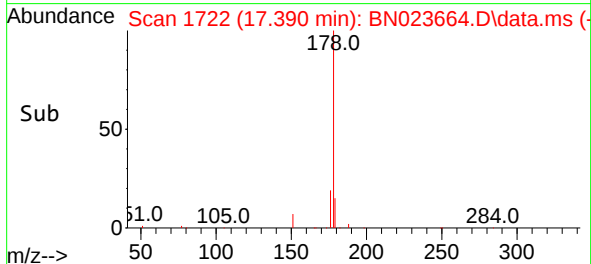
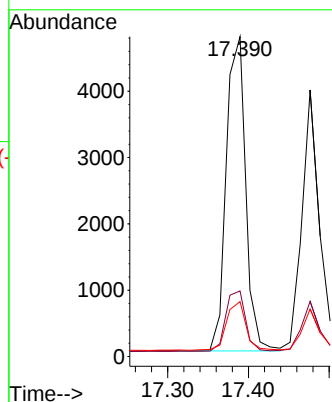
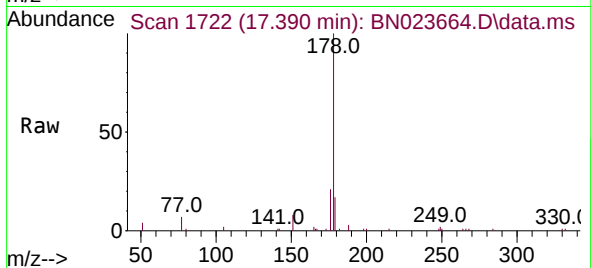
Tgt Ion:178 Resp: 7904

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 15.8 12.5 18.7



#26

Anthracene

Concen: 0.173 ng

RT: 17.476 min Scan# 1729

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

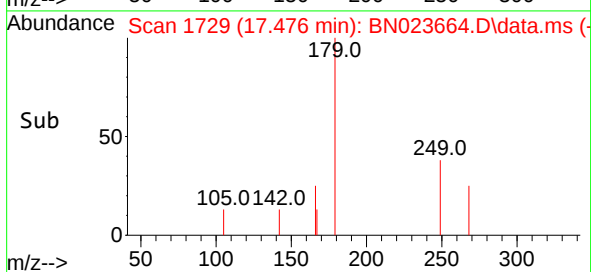
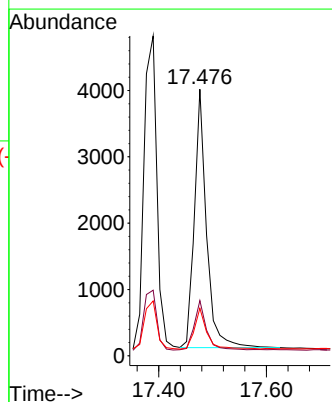
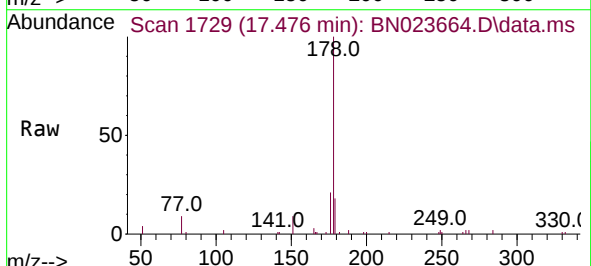
Tgt Ion:178 Resp: 6084

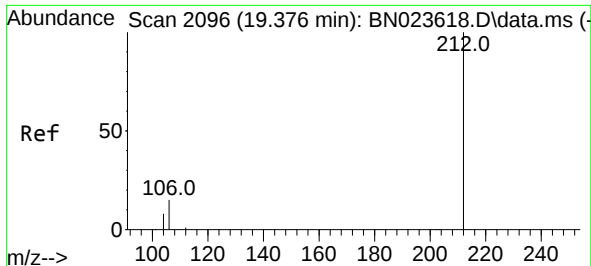
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 16.0 12.2 18.2

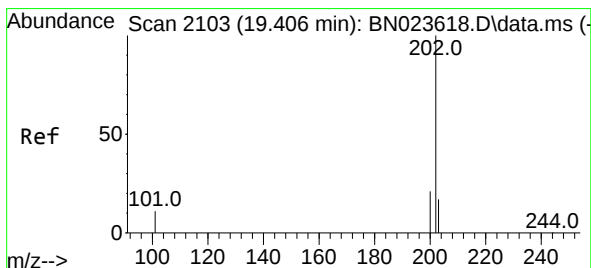
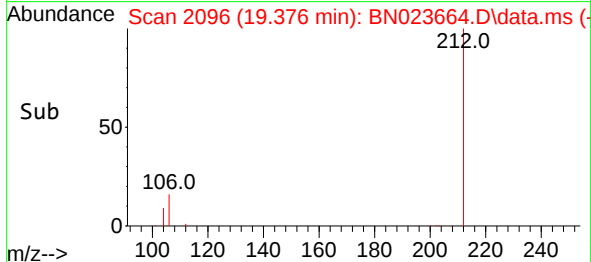
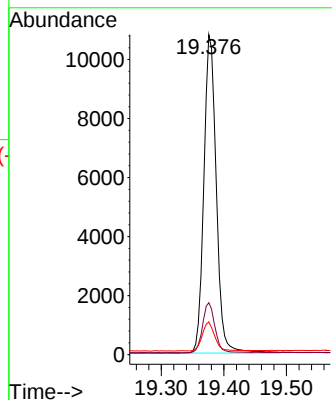
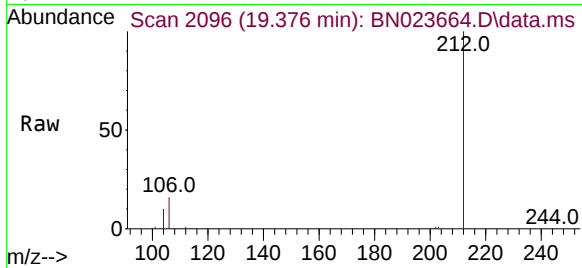




#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.376 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

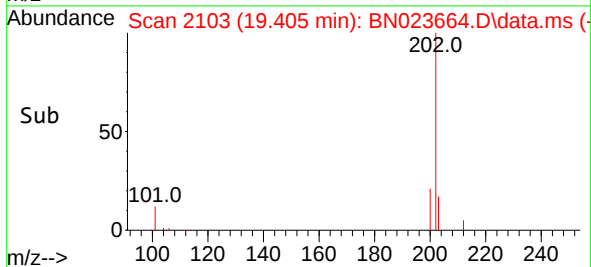
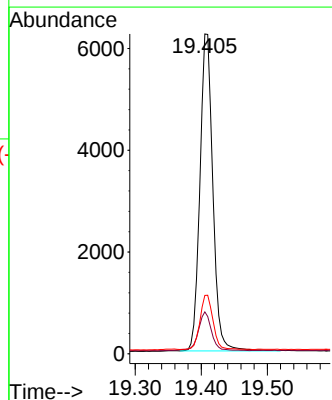
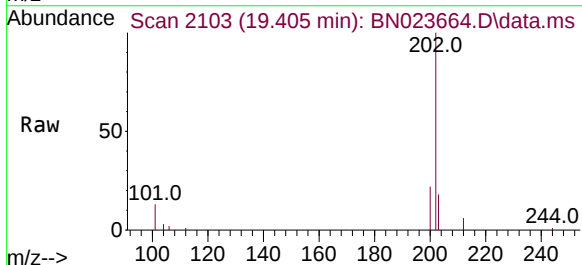
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

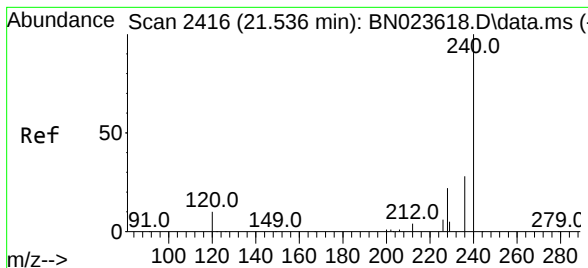
Tgt Ion:212 Resp: 14901
Ion Ratio Lower Upper
212 100
106 15.6 12.2 18.4
104 9.0 7.1 10.7



#28
Fluoranthene
Concen: 0.171 ng
RT: 19.405 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN023664.D
Acq: 16 Jan 2023 14:23

Tgt Ion:202 Resp: 8469
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.535 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

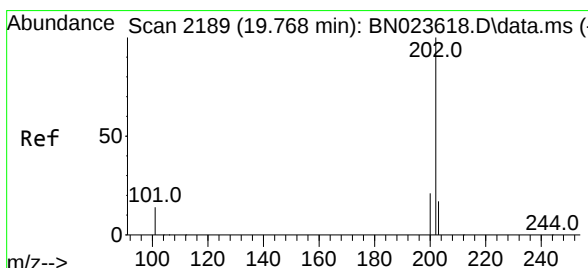
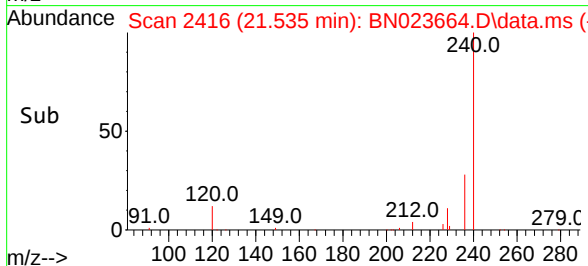
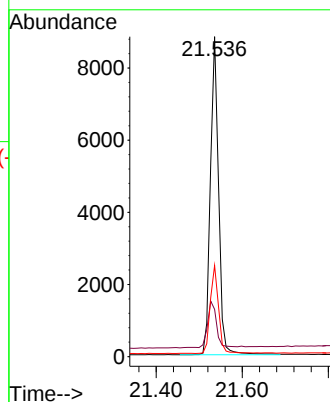
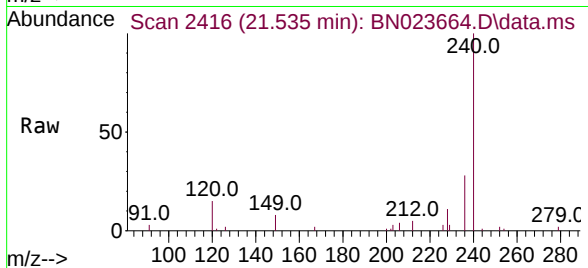
Tgt Ion:240 Resp: 11666

Ion Ratio Lower Upper

240 100

120 14.8 10.6 15.8

236 28.5 23.0 34.6



#30

Pyrene

Concen: 0.188 ng

RT: 19.772 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

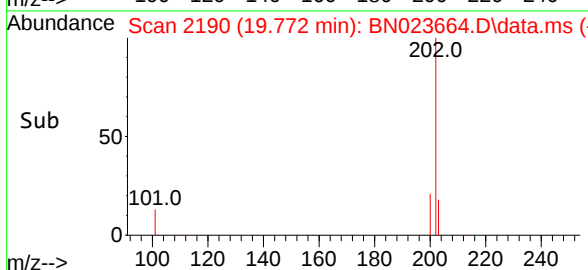
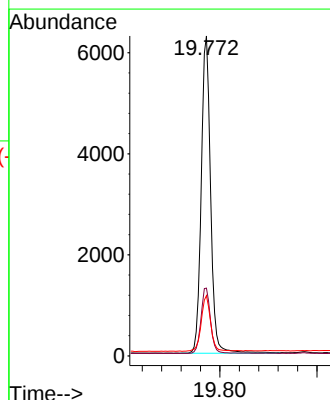
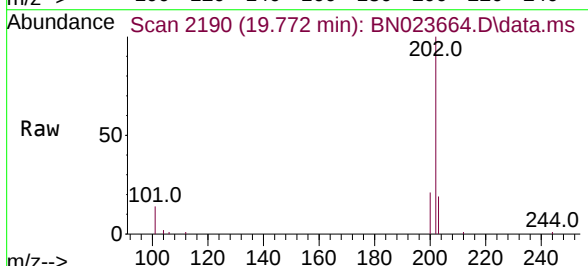
Tgt Ion:202 Resp: 8384

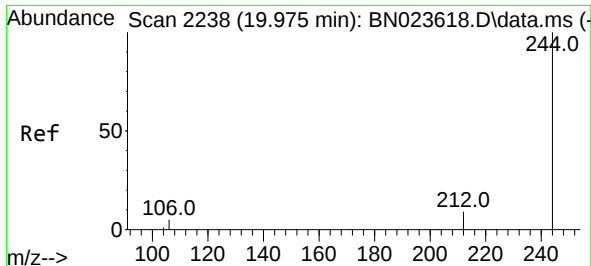
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.6 14.2 21.2

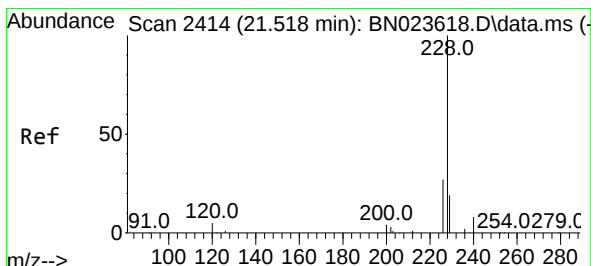
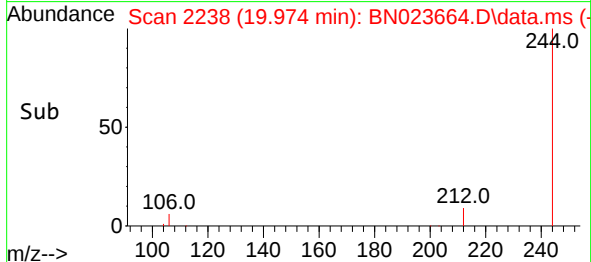
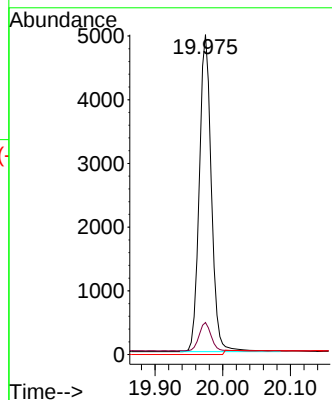
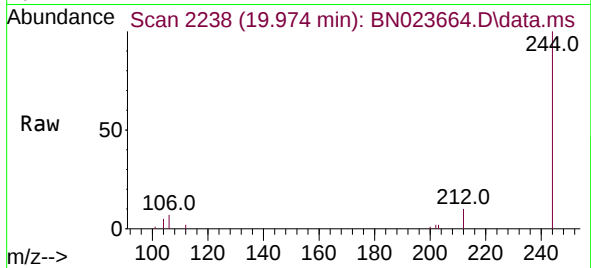




#31
 Terphenyl-d14
 Concen: 0.289 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023664.D
 Acq: 16 Jan 2023 14:23

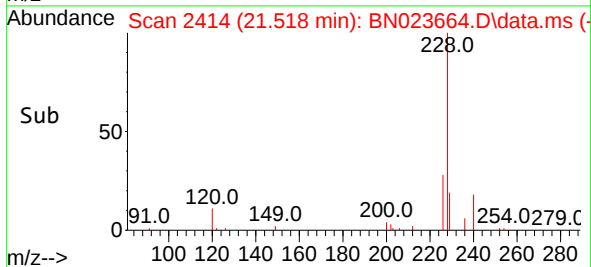
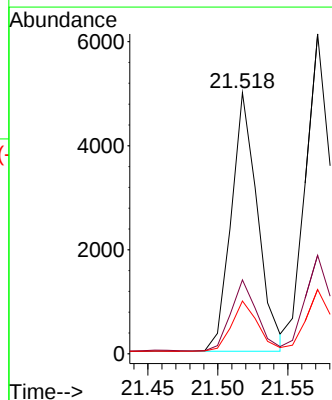
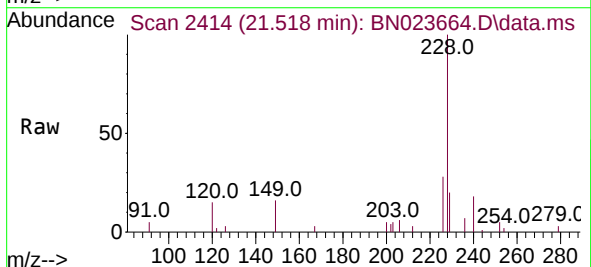
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

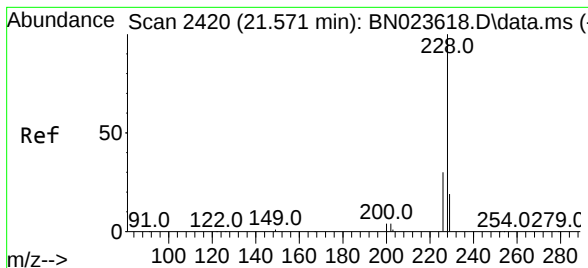
Tgt Ion:244 Resp: 8548
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.5 11.3
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.172 ng
 RT: 21.518 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: BN023664.D
 Acq: 16 Jan 2023 14:23

Tgt Ion:228 Resp: 6496
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.2 33.2
 229 20.2 15.7 23.5





#33

Chrysene

Concen: 0.190 ng

RT: 21.571 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

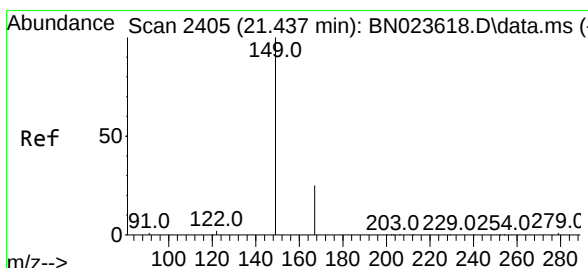
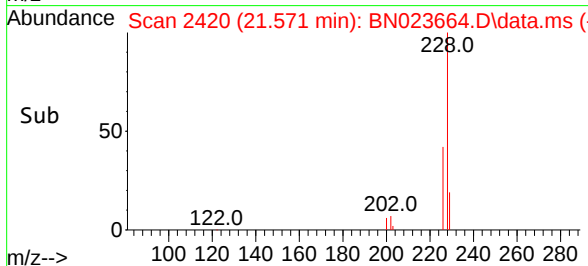
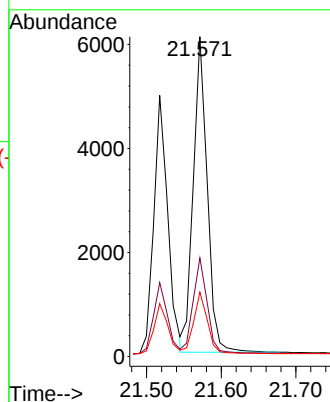
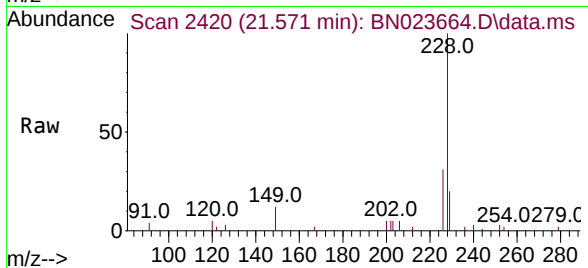
Tgt Ion:228 Resp: 7881

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 20.1 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.193 ng

RT: 21.437 min Scan# 2405

Delta R.T. -0.009 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

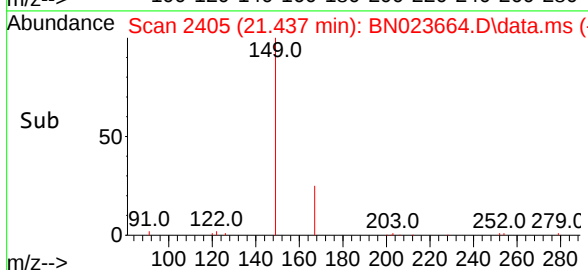
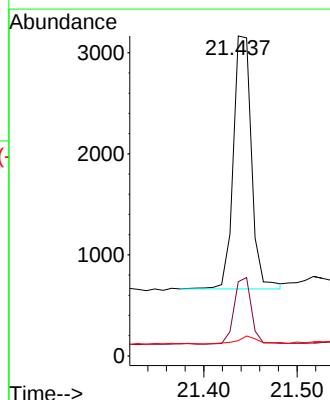
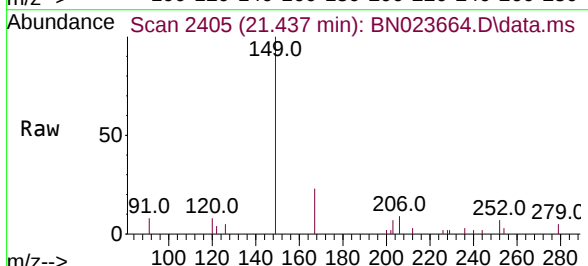
Tgt Ion:149 Resp: 3392

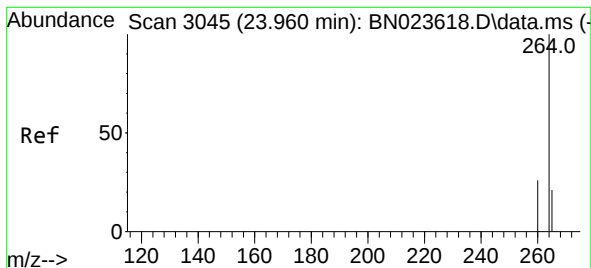
Ion Ratio Lower Upper

149 100

167 25.1 20.6 30.8

279 3.7 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.963 min Scan# 3045

Delta R.T. -0.000 min

Lab File: BN023664.D

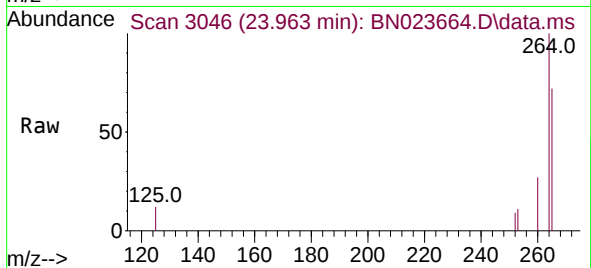
Acq: 16 Jan 2023 14:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



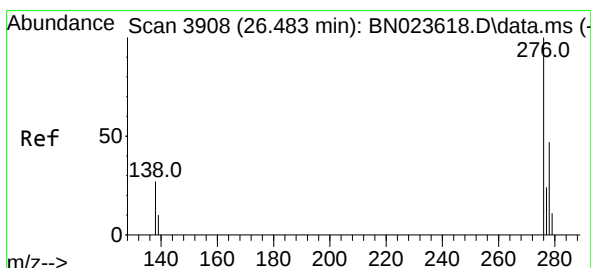
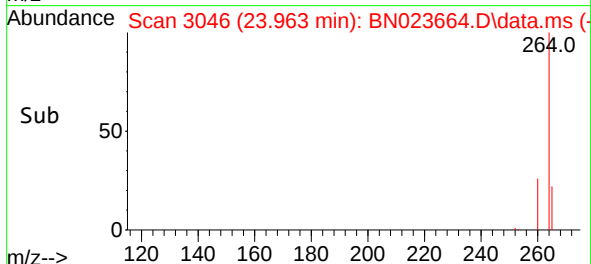
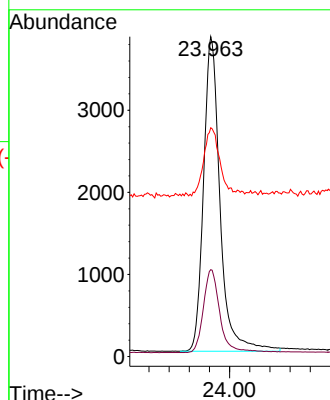
Tgt Ion:264 Resp: 8675

Ion Ratio Lower Upper

264 100

260 27.2 21.4 32.2

265 71.5 56.6 85.0



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.169 ng

RT: 26.492 min Scan# 3911

Delta R.T. 0.003 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

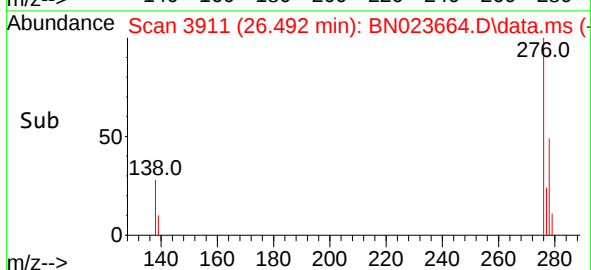
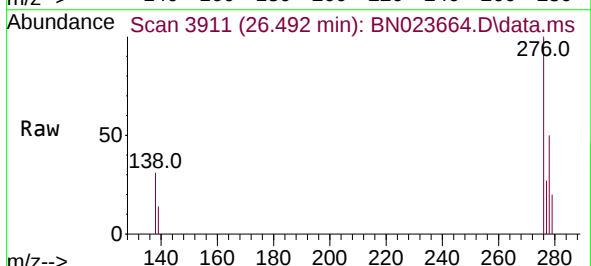
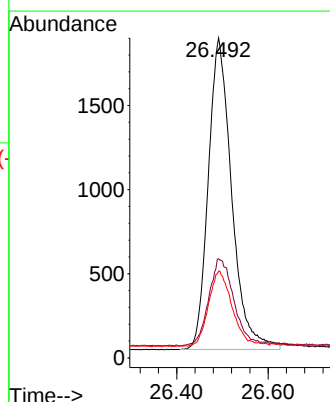
Tgt Ion:276 Resp: 6575

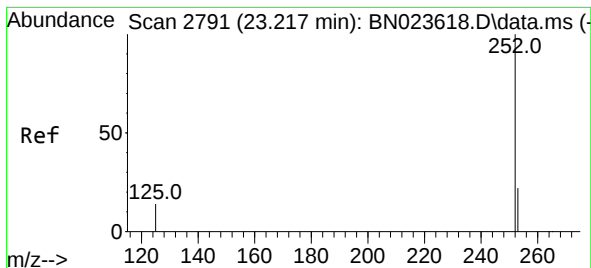
Ion Ratio Lower Upper

276 100

138 29.7 23.8 35.8

277 24.3 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.194 ng

RT: 23.220 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

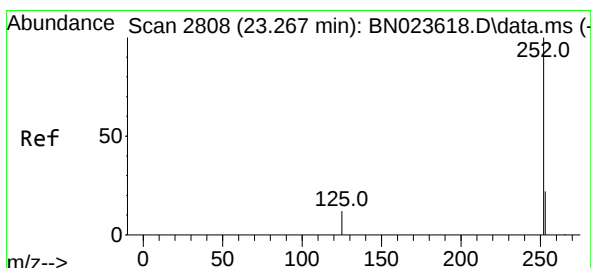
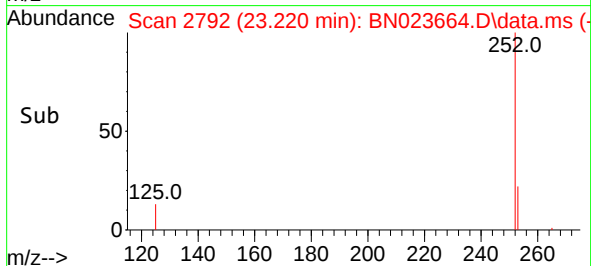
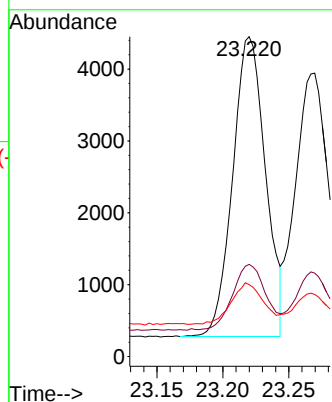
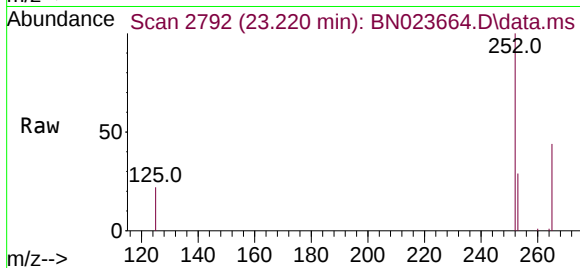
Tgt Ion:252 Resp: 7212

Ion Ratio Lower Upper

252 100

253 28.8 20.0 30.0

125 22.5 14.4 21.6#



#38

Benzo(k)fluoranthene

Concen: 0.183 ng

RT: 23.270 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

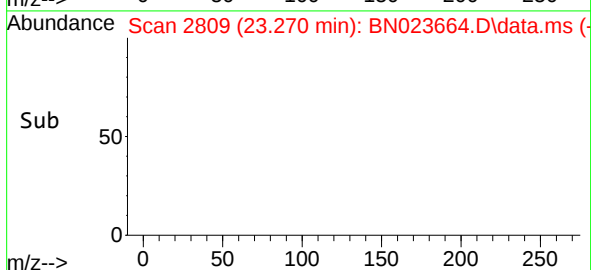
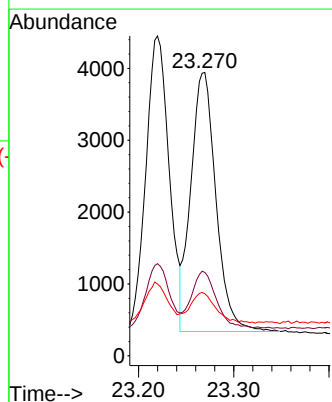
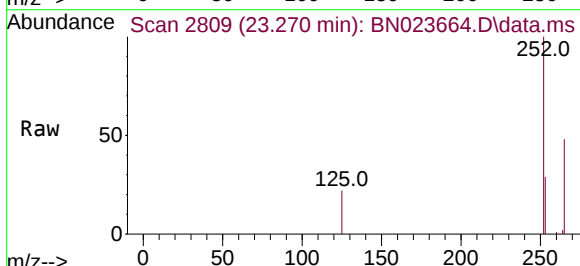
Tgt Ion:252 Resp: 6618

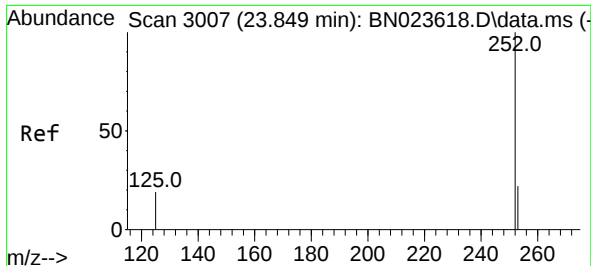
Ion Ratio Lower Upper

252 100

253 29.4 20.2 30.2

125 21.9 13.0 19.4#





#39

Benzo(a)pyrene

Concen: 0.203 ng

RT: 23.851 min Scan# 3007

Delta R.T. -0.003 min

Lab File: BN023664.D

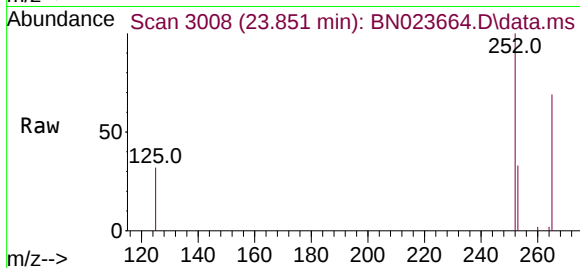
Acq: 16 Jan 2023 14:23

Instrument :

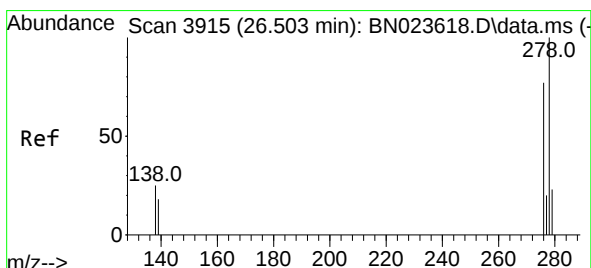
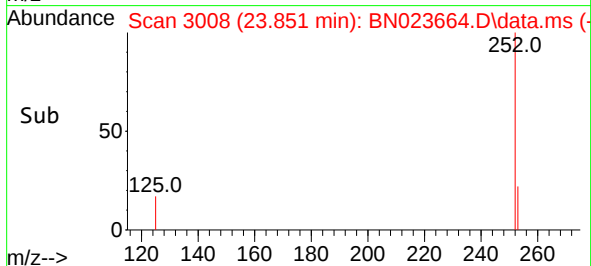
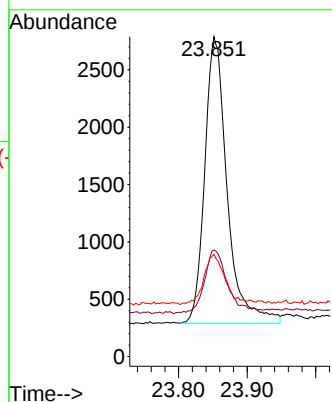
BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:	252	Resp:	5681
Ion Ratio	Lower	Upper	
252	100		
253	33.3	22.3	33.5
125	31.9	21.2	31.8



#40

Dibenzo(a,h)anthracene

Concen: 0.168 ng

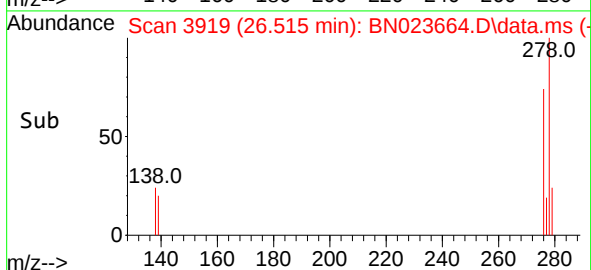
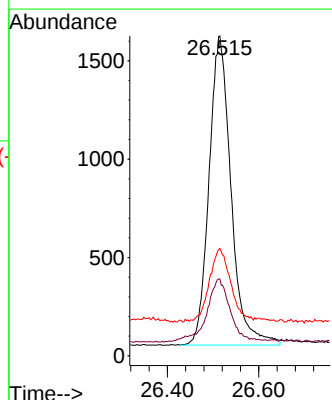
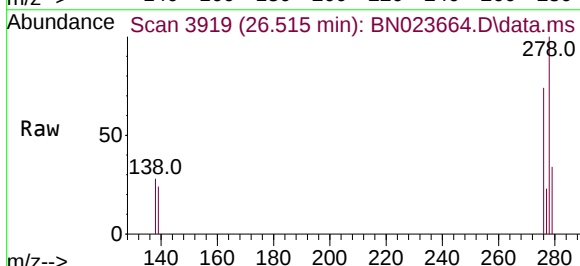
RT: 26.515 min Scan# 3919

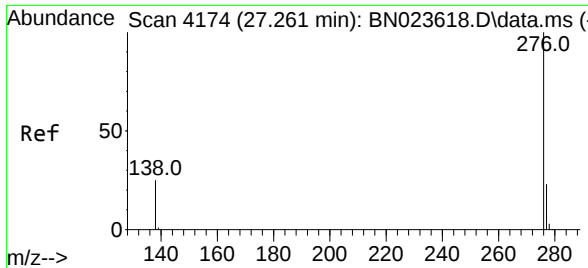
Delta R.T. 0.006 min

Lab File: BN023664.D

Acq: 16 Jan 2023 14:23

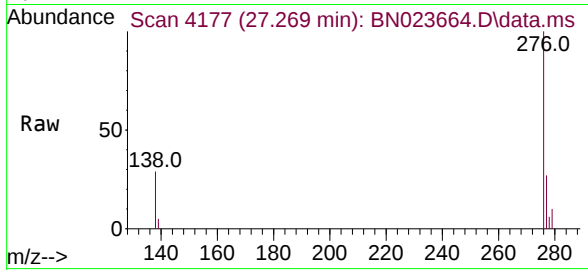
Tgt Ion:	278	Resp:	5244
Ion Ratio	Lower	Upper	
278	100		
139	24.0	16.8	25.2
279	33.6	21.5	32.3





#41
 Benzo(g,h,i)perylene
 Concen: 0.189 ng
 RT: 27.269 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: BN023664.D
 Acq: 16 Jan 2023 14:23

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 276 Resp: 6000

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.6	29.4
138	28.8	21.5	32.3

