

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
 Data File : BN024281.D
 Acq On : 14 Mar 2023 15:26
 Operator : CG/JU
 Sample : 01627-01
 Misc : LOD-MDL-SOIL 0.1ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Quant Time: Mar 15 01:55:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 15 01:49:05 2023
 Response via : Initial Calibration

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

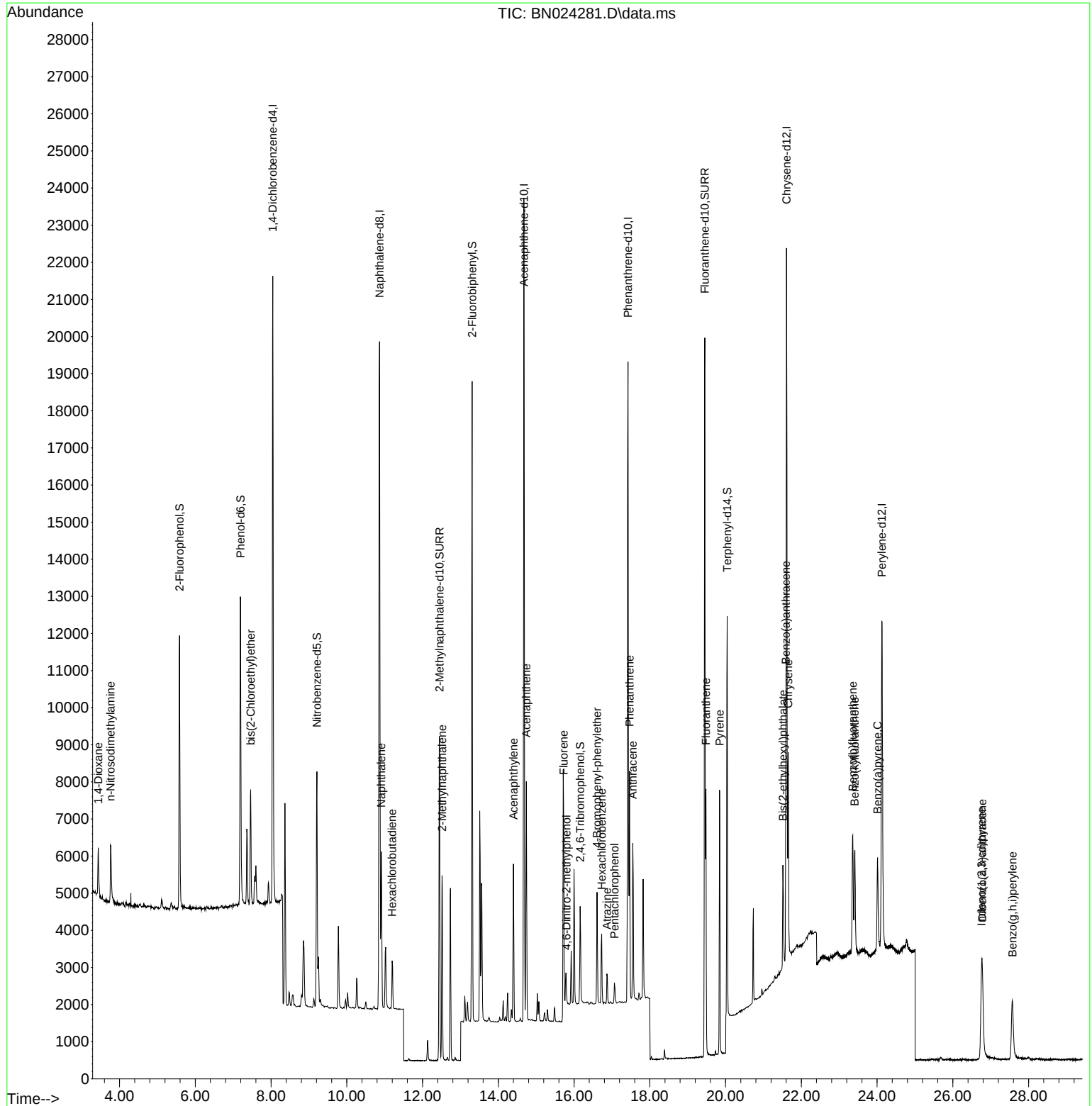
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	8380	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	24291	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	11843	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	24174	0.400	ng	0.00
29) Chrysene-d12	21.610	240	17279	0.400	ng	# 0.00
35) Perylene-d12	24.126	264	14995	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	6136	0.331	ng	0.00
5) Phenol-d6	7.195	99	7893	0.331	ng	0.00
8) Nitrobenzene-d5	9.211	82	5205	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	11731	0.393	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1546	0.255	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	14001	0.313	ng	0.00
27) Fluoranthene-d10	19.450	212	20059	0.391	ng	0.00
31) Terphenyl-d14	20.043	244	8539	0.293	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	900	0.099	ng	95
3) n-Nitrosodimethylamine	3.764	42	1273	0.095	ng	# 94
6) bis(2-Chloroethyl)ether	7.462	93	2202	0.093	ng	97
9) Naphthalene	10.909	128	5518	0.089	ng	96
10) Hexachlorobutadiene	11.197	225	1080	0.092	ng	# 99
12) 2-Methylnaphthalene	12.516	142	3377	0.081	ng	98
16) Acenaphthylene	14.397	152	4554	0.081	ng	99
17) Acenaphthene	14.740	154	2948	0.082	ng	95
18) Fluorene	15.725	166	3423	0.080	ng	99
20) 4,6-Dinitro-2-methylph...	15.799	198	127	0.206	ng	# 1
21) 4-Bromophenyl-phenylether	16.606	248	1089	0.076	ng	# 72
22) Hexachlorobenzene	16.730	284	1542	0.087	ng	98
23) Atrazine	16.867	200	703	0.077	ng	# 83
24) Pentachlorophenol	17.065	266	273	0.154	ng	98
25) Phenanthrene	17.463	178	5863	0.082	ng	98
26) Anthracene	17.549	178	4830	0.073	ng	99
28) Fluoranthene	19.480	202	6110	0.078	ng	98
30) Pyrene	19.842	202	6120	0.087	ng	100
32) Benzo(a)anthracene	21.592	228	4626	0.080	ng	97
33) Chrysene	21.655	228	5134	0.083	ng	99
34) Bis(2-ethylhexyl)phtha...	21.511	149	2248	0.083	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.754	276	4272	0.076	ng	98
37) Benzo(b)fluoranthene	23.357	252	4857	0.083	ng	# 69
38) Benzo(k)fluoranthene	23.410	252	4489	0.075	ng	# 68
39) Benzo(a)pyrene	24.012	252	3751	0.070	ng	# 54
40) Dibenzo(a,h)anthracene	26.778	278	3092	0.071	ng	# 73
41) Benzo(g,h,i)perylene	27.573	276	3942	0.078	ng	91

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

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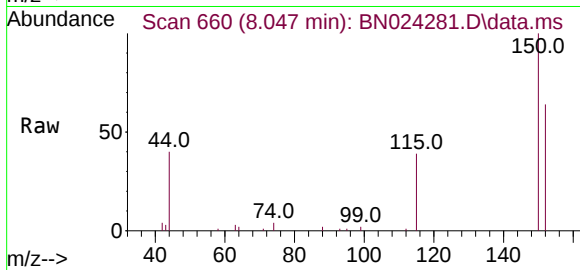
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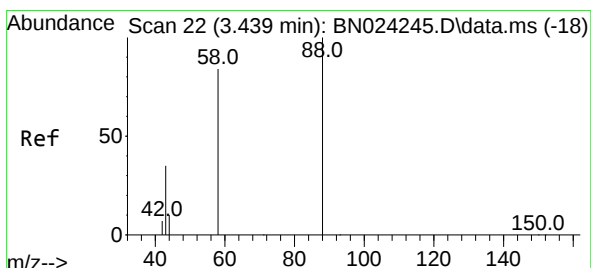
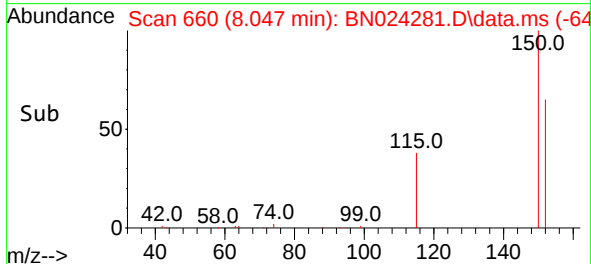
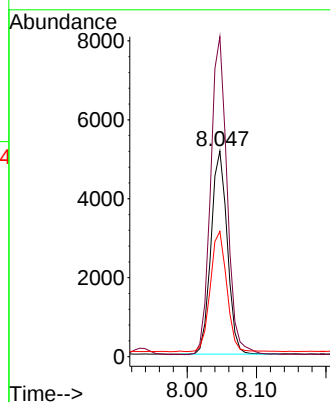


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. 0.000 min
 Lab File: BN024281.D
 Acq: 14 Mar 2023 15:26

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

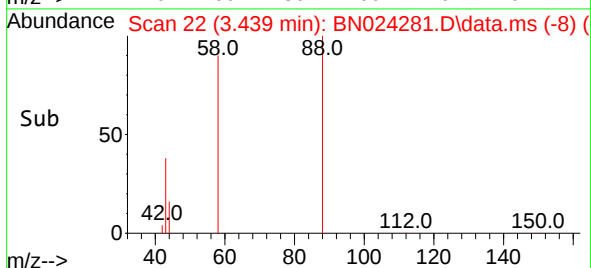
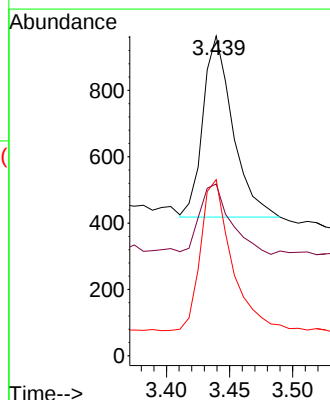
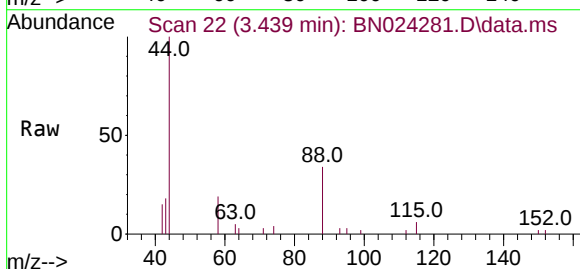


Tgt Ion:152 Resp: 8380
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.7 187.1
 115 60.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.099 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024281.D
 Acq: 14 Mar 2023 15:26

Tgt Ion: 88 Resp: 900
 Ion Ratio Lower Upper
 88 100
 43 42.2 29.0 43.4
 58 86.8 67.3 100.9

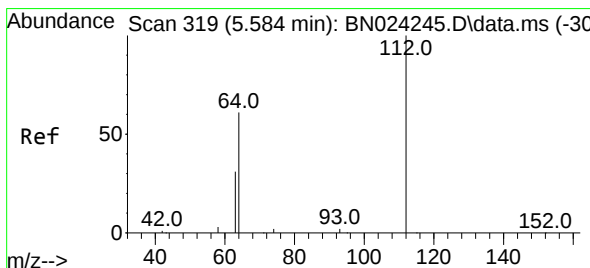
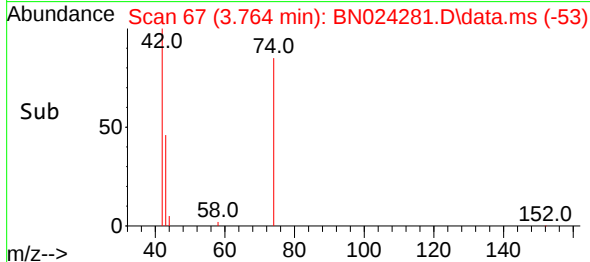
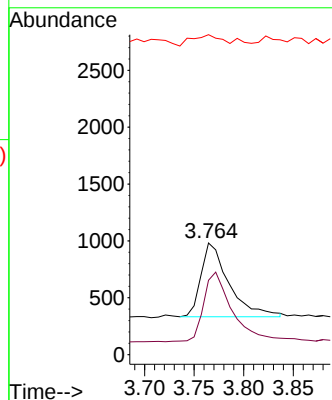
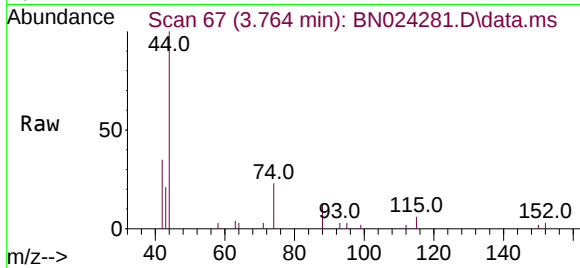




#3
n-Nitrosodimethylamine
Concen: 0.095 ng
RT: 3.764 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

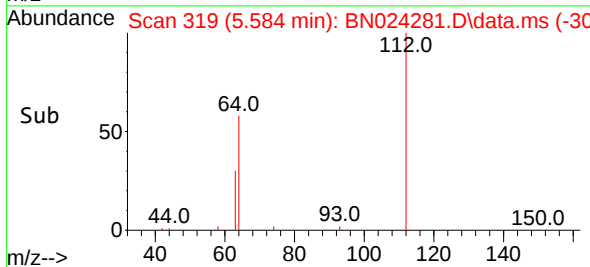
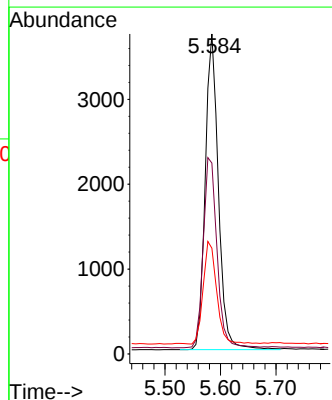
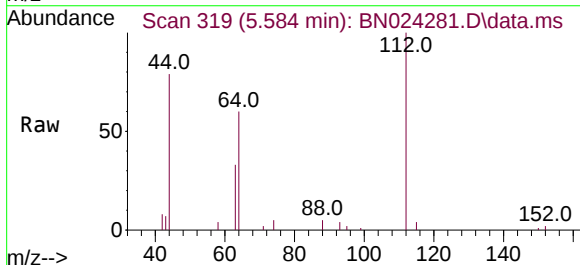
Instrument :
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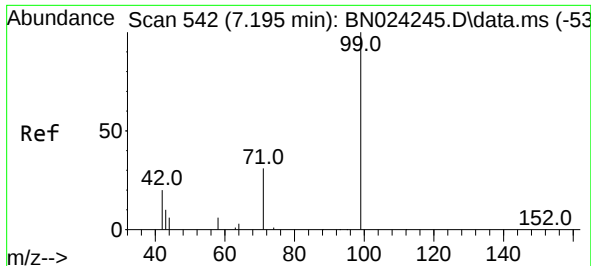
Tgt Ion: 42 Resp: 1273
Ion Ratio Lower Upper
42 100
74 97.5 81.6 122.4
44 15.5 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.331 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion: 112 Resp: 6136
Ion Ratio Lower Upper
112 100
64 63.1 49.0 73.6
63 33.1 25.7 38.5

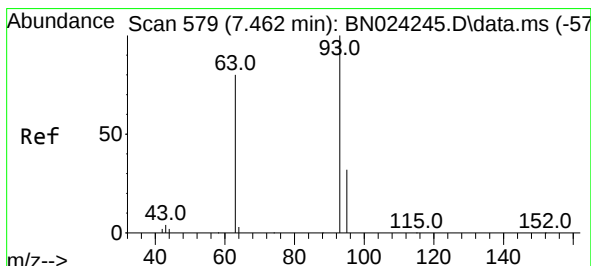
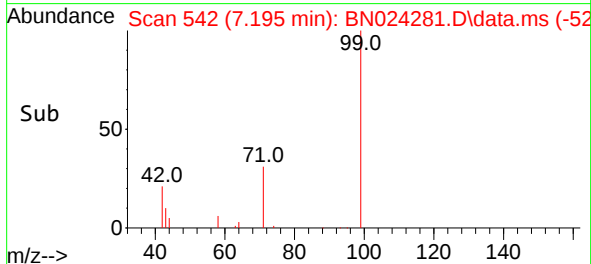
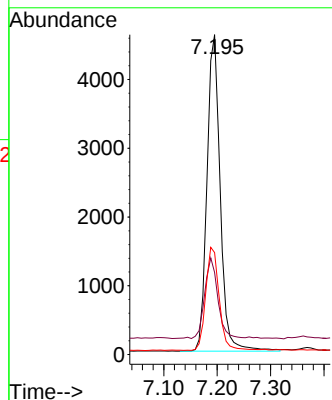
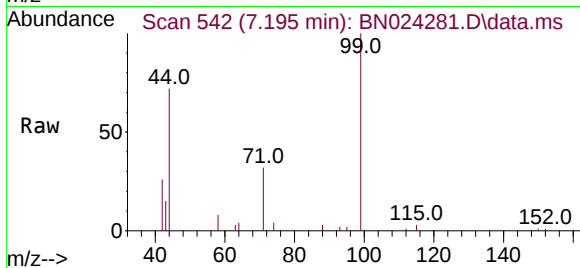




#5
Phenol-d6
Concen: 0.331 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

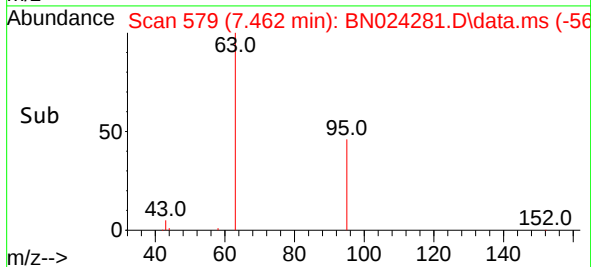
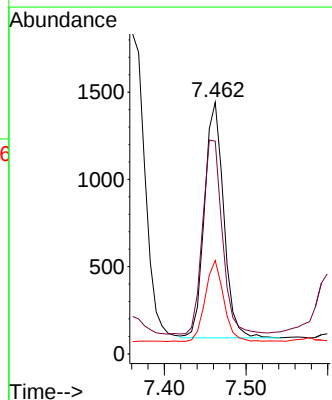
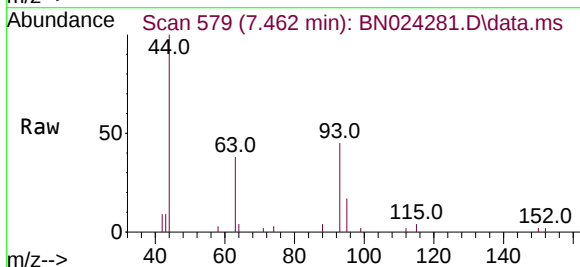
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 99 Resp: 7893
Ion Ratio Lower Upper
99 100
42 25.2 20.1 30.1
71 33.3 25.8 38.8



#6
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 7.462 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion: 93 Resp: 2202
Ion Ratio Lower Upper
93 100
63 84.9 65.4 98.2
95 33.4 25.8 38.8

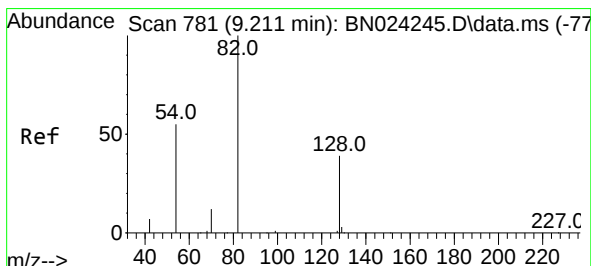
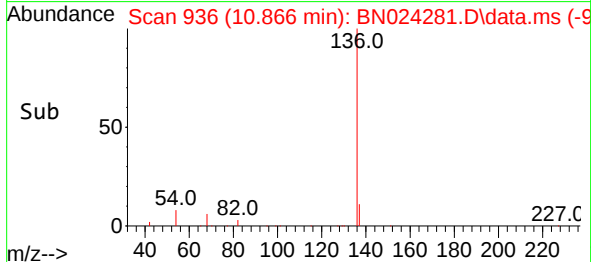
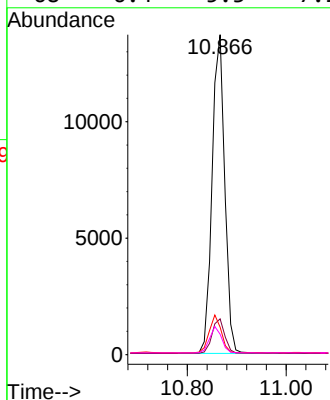
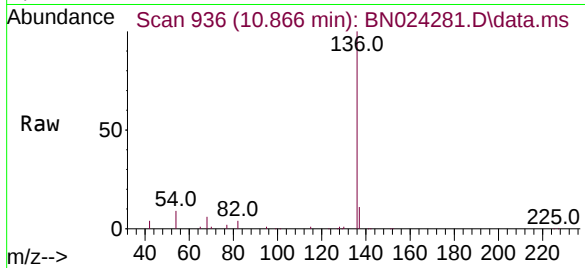




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

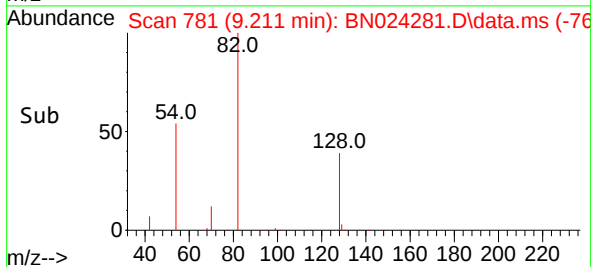
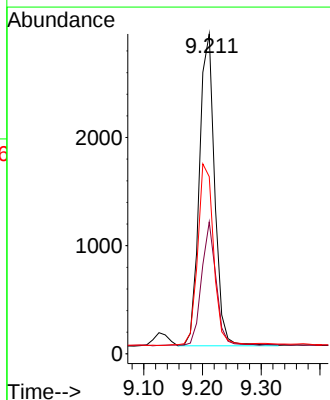
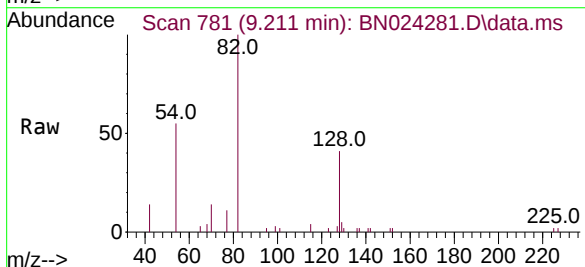
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

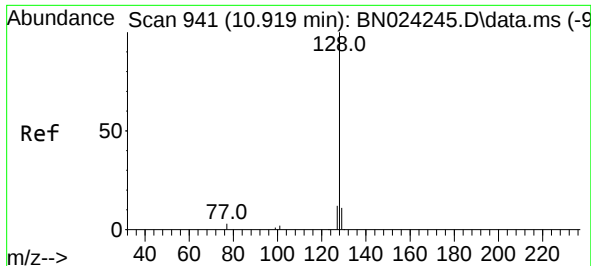
Tgt Ion:	136	Resp:	24291
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.6	7.1	10.7
68	6.4	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion:	82	Resp:	5205
Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.4	48.6
54	55.4	45.2	67.8

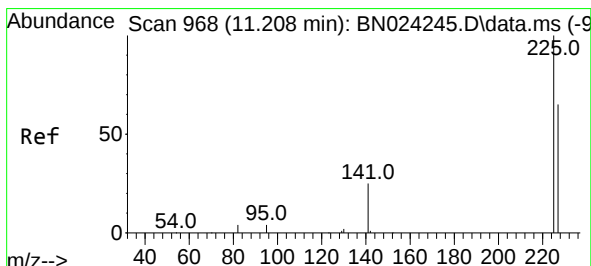
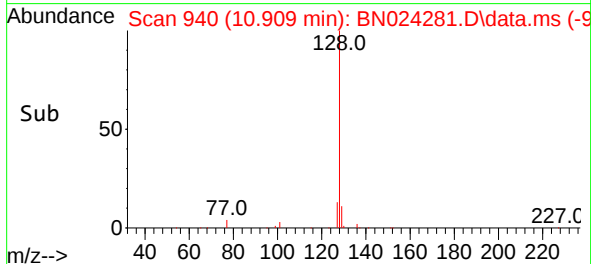
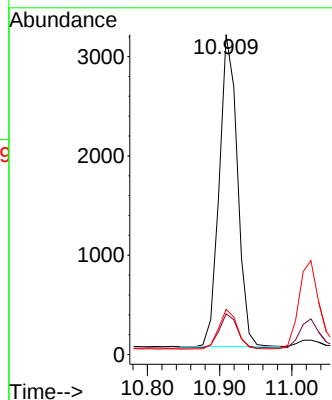
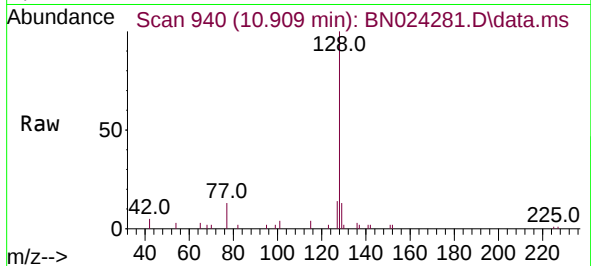




#9
Naphthalene
Concen: 0.089 ng
RT: 10.909 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

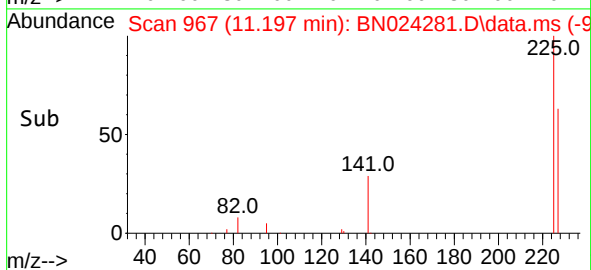
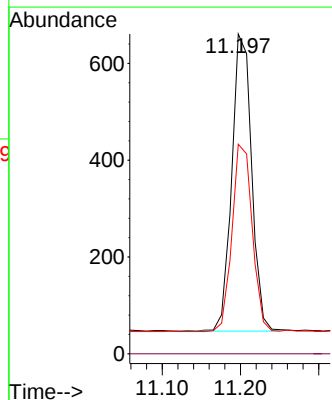
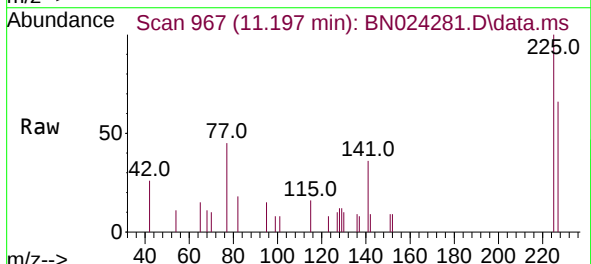
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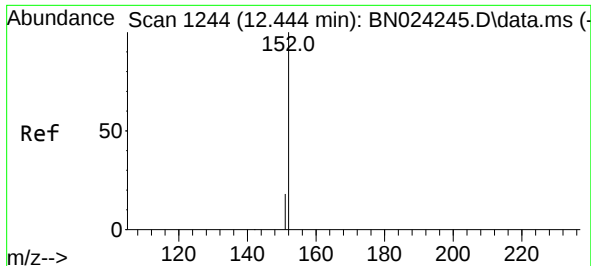
Tgt Ion:	128	Resp:	5518
Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.0	13.6
127	14.1	10.2	15.4



#10
Hexachlorobutadiene
Concen: 0.092 ng
RT: 11.197 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion:	225	Resp:	1080
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.0	76.4

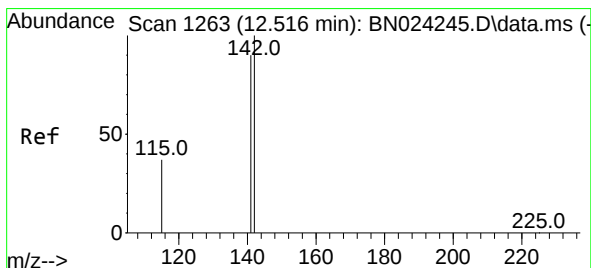
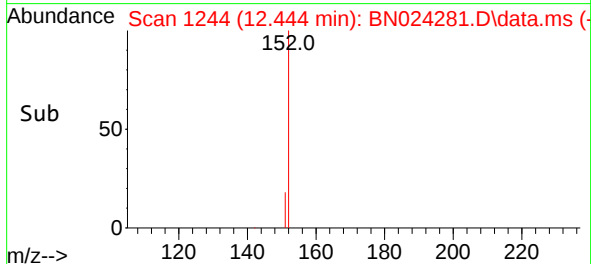
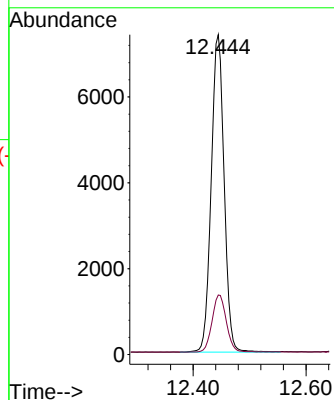
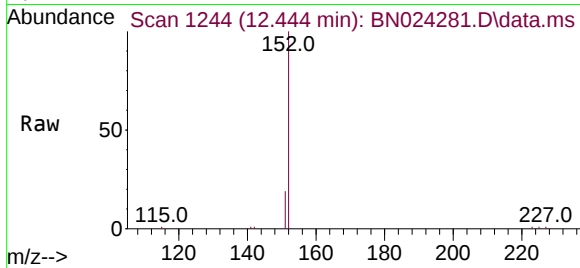




#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024281.D
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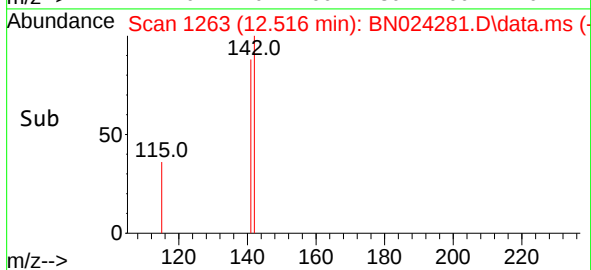
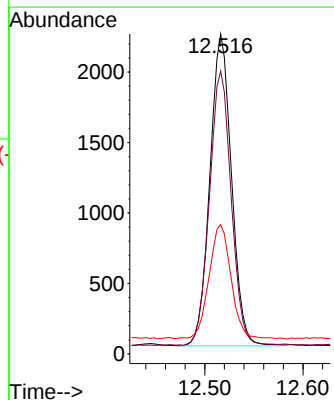
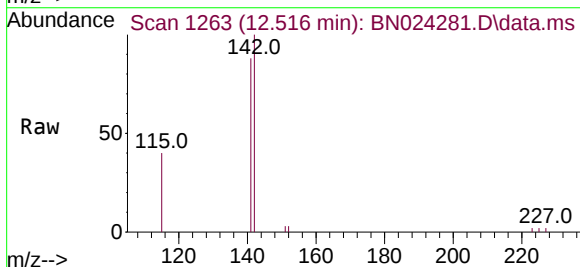
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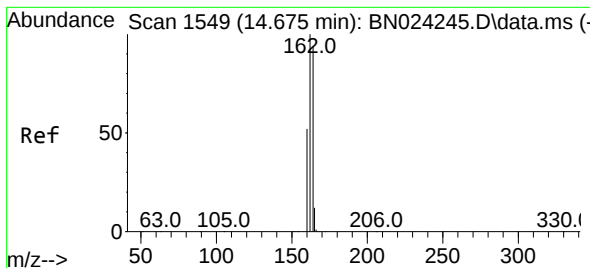
Tgt Ion:152 Resp: 11731
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2



#12
2-Methylnaphthalene
Concen: 0.081 ng
RT: 12.516 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion:142 Resp: 3377
Ion Ratio Lower Upper
142 100
141 88.4 71.8 107.6
115 40.4 30.0 45.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.675 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024281.D

Acq: 14 Mar 2023 15:26

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

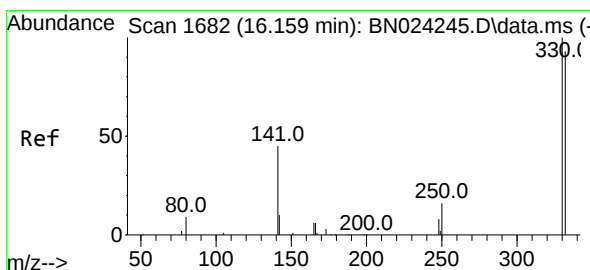
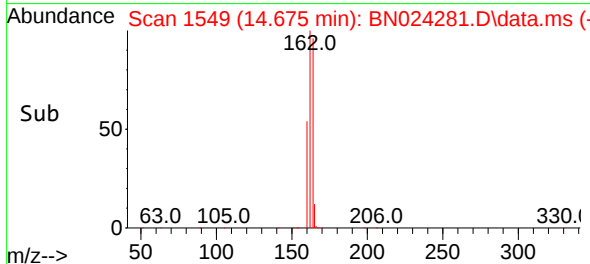
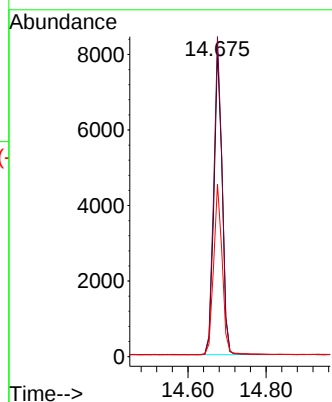
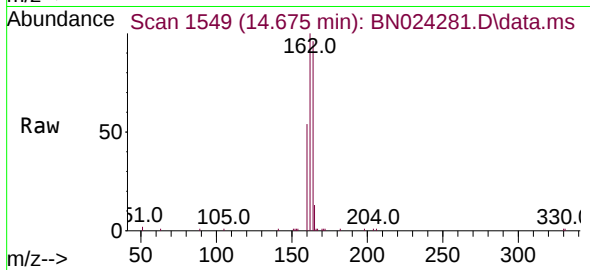
Tgt Ion:164 Resp: 11843

Ion Ratio Lower Upper

164 100

162 104.4 84.7 127.1

160 56.3 44.6 66.8



#14

2,4,6-Tribromophenol

Concen: 0.255 ng

RT: 16.159 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BN024281.D

Acq: 14 Mar 2023 15:26

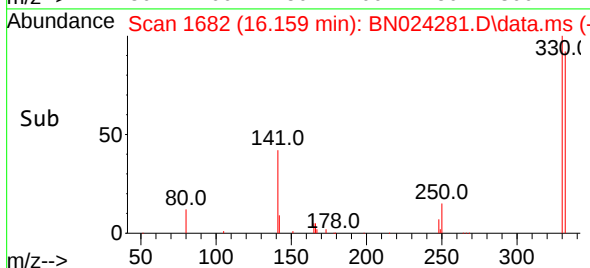
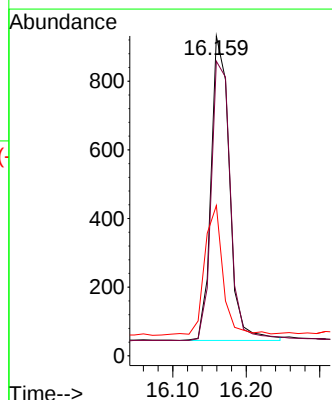
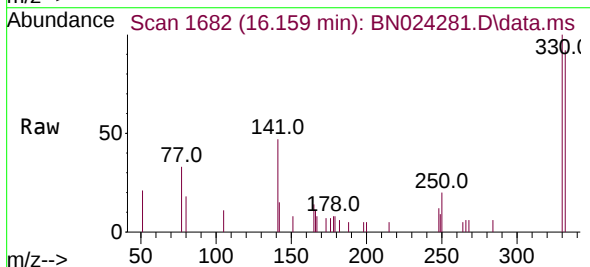
Tgt Ion:330 Resp: 1546

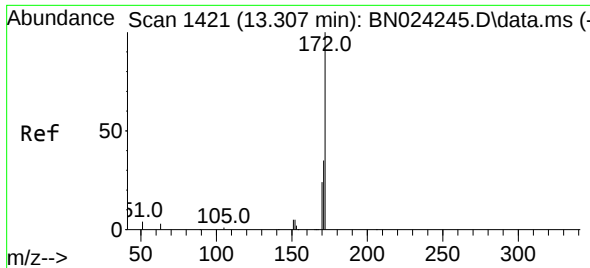
Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 42.4 30.8 46.2

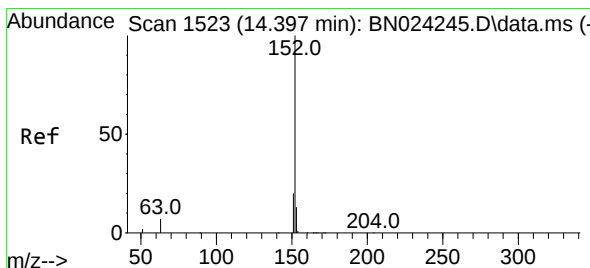
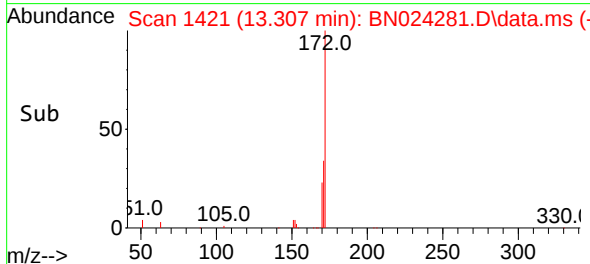
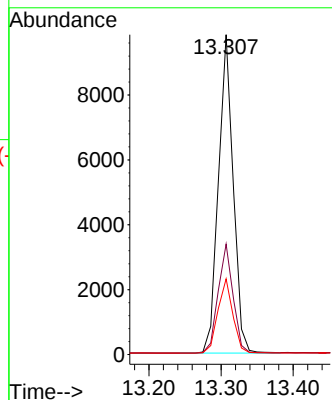
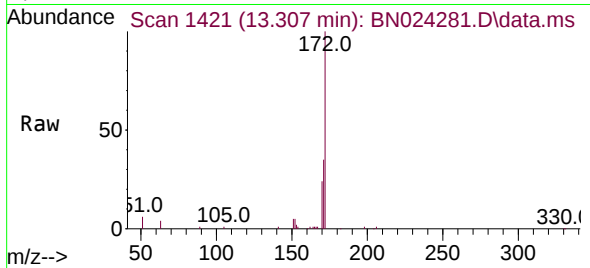




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

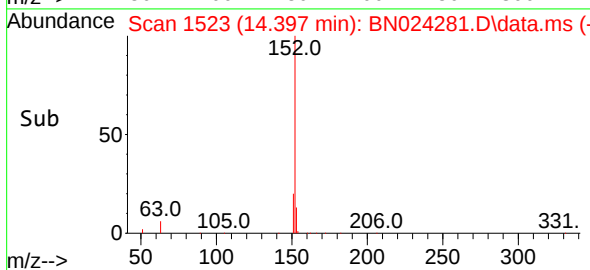
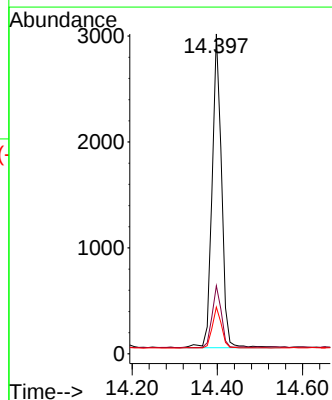
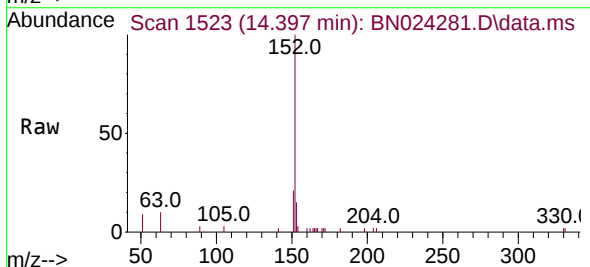
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

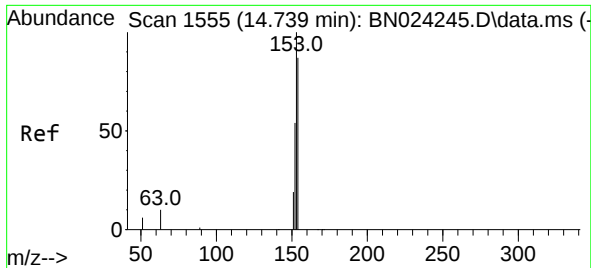
Tgt Ion:	172	Resp:	14001
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.8	41.8
170	23.7	19.0	28.6



#16
Acenaphthylene
Concen: 0.081 ng
RT: 14.397 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion:	152	Resp:	4554
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.4	23.0
153	12.6	10.4	15.6

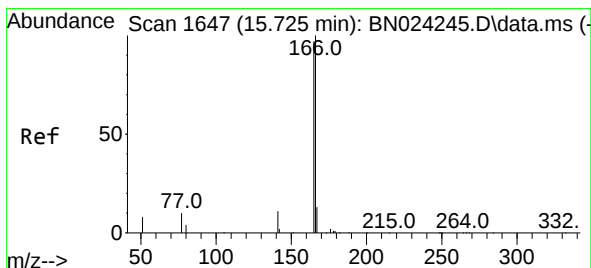
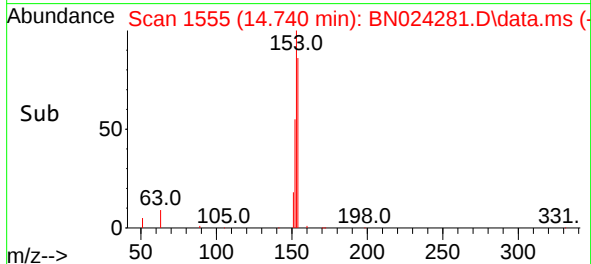
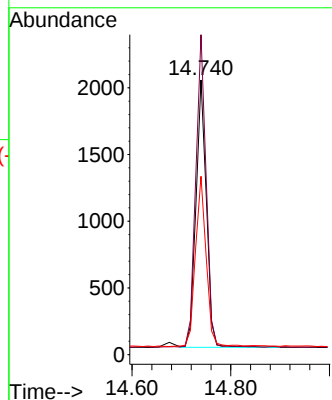
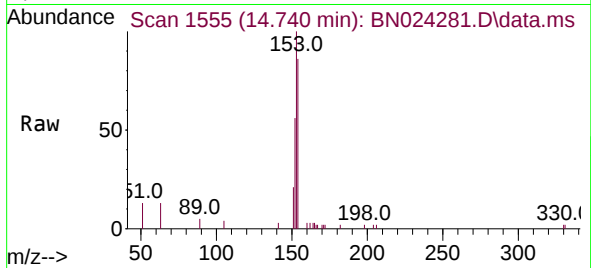




#17
Acenaphthene
Concen: 0.082 ng
RT: 14.740 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

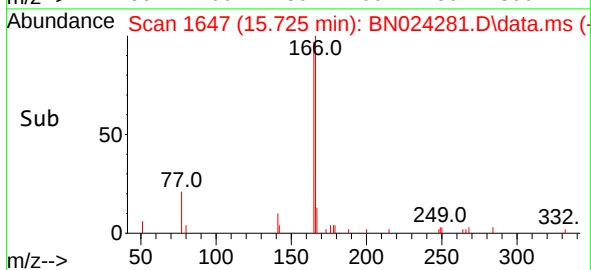
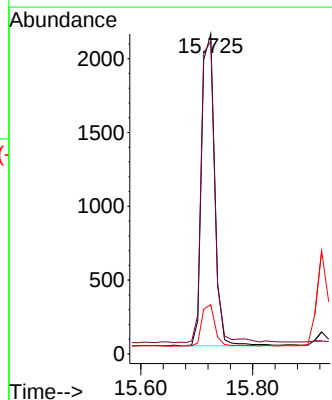
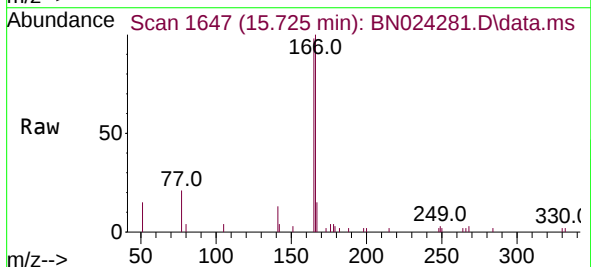
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

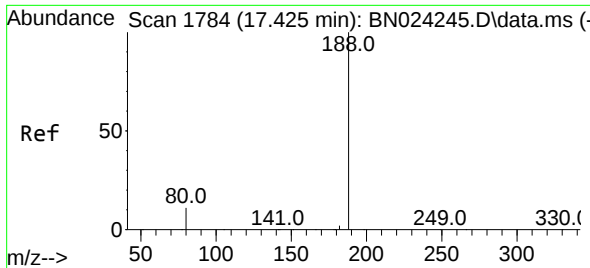
Tgt Ion:154 Resp: 2948
Ion Ratio Lower Upper
154 100
153 116.0 88.4 132.6
152 65.2 48.7 73.1



#18
Fluorene
Concen: 0.080 ng
RT: 15.725 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion:166 Resp: 3423
Ion Ratio Lower Upper
166 100
165 99.2 80.2 120.2
167 13.4 10.8 16.2

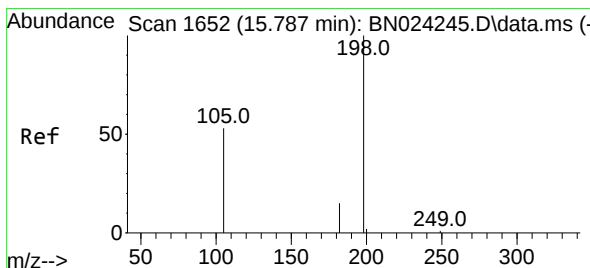
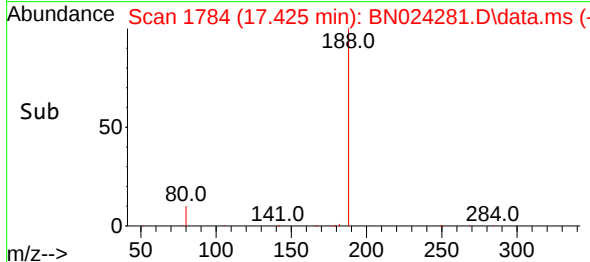
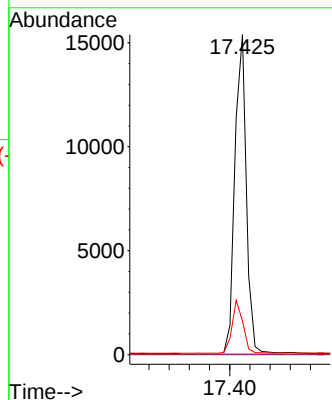
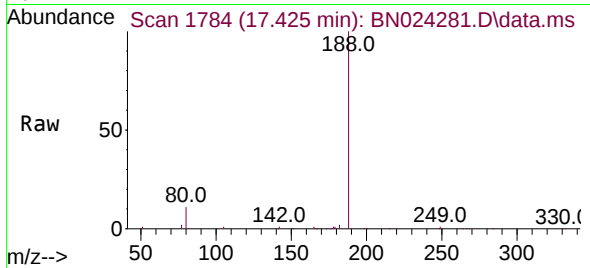




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.425 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN024281.D
 Acq: 14 Mar 2023 15:26

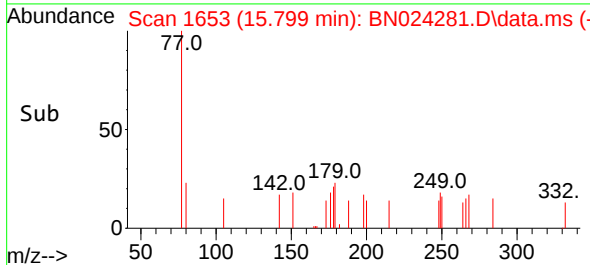
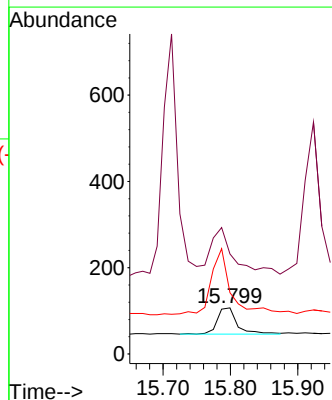
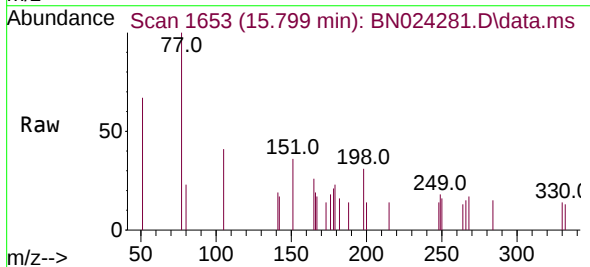
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

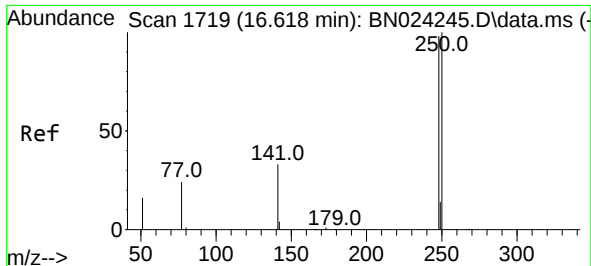
Tgt Ion:188 Resp: 24174
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.6 8.9 13.3



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.206 ng
 RT: 15.799 min Scan# 1653
 Delta R.T. 0.013 min
 Lab File: BN024281.D
 Acq: 14 Mar 2023 15:26

Tgt Ion:198 Resp: 127
 Ion Ratio Lower Upper
 198 100
 51 216.8 68.2 102.2#
 105 132.7 51.6 77.4#





#21

4-Bromophenyl-phenylether

Concen: 0.076 ng

RT: 16.606 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BN024281.D

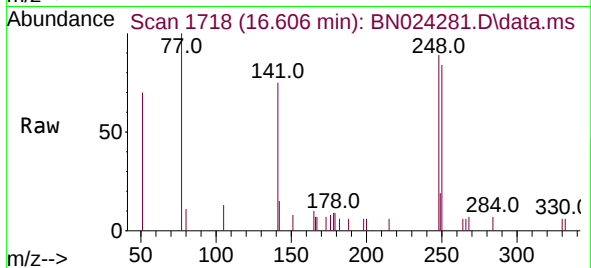
Acq: 14 Mar 2023 15:26

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



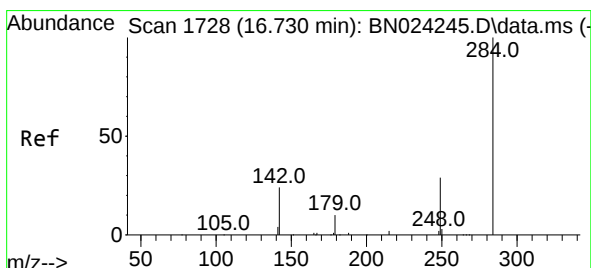
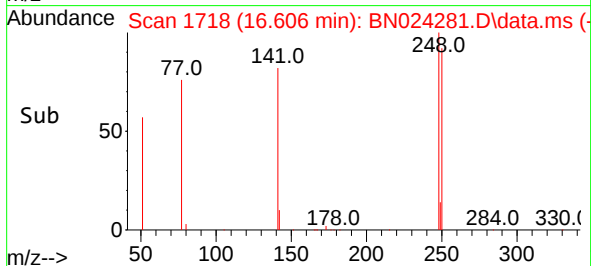
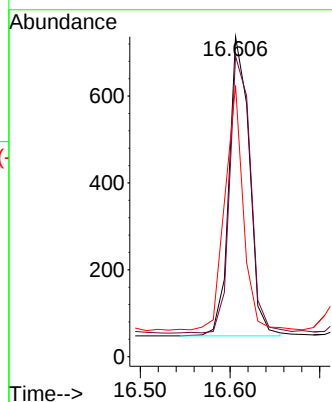
Tgt Ion:248 Resp: 1089

Ion Ratio Lower Upper

248 100

250 93.9 81.9 122.9

141 84.7 28.2 42.2#



#22

Hexachlorobenzene

Concen: 0.087 ng

RT: 16.730 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BN024281.D

Acq: 14 Mar 2023 15:26

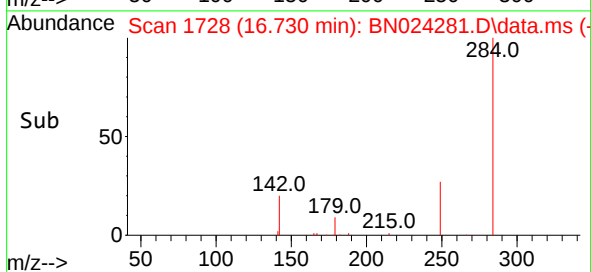
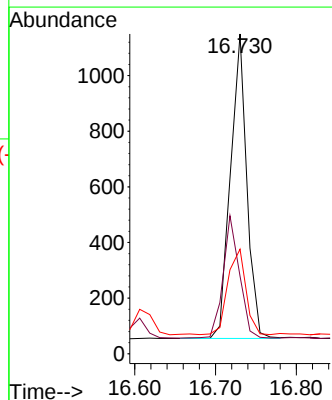
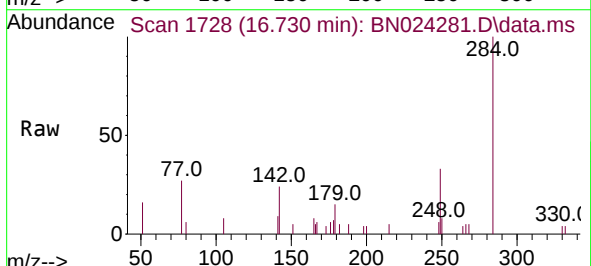
Tgt Ion:284 Resp: 1542

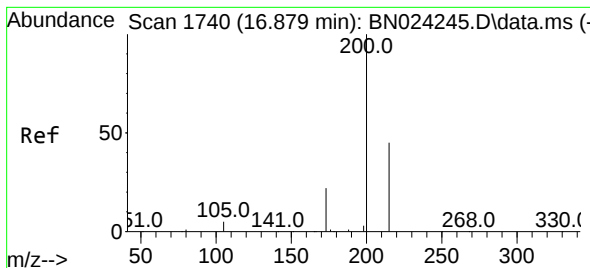
Ion Ratio Lower Upper

284 100

142 40.0 30.2 45.4

249 30.9 24.5 36.7





#23

Atrazine

Concen: 0.077 ng

RT: 16.867 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BN024281.D

Acq: 14 Mar 2023 15:26

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

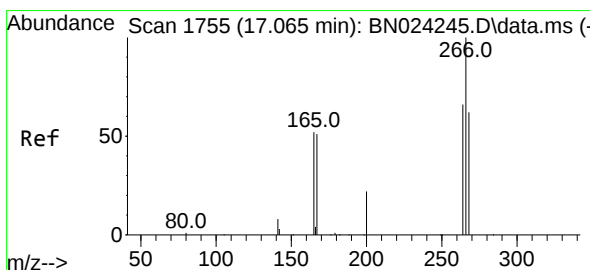
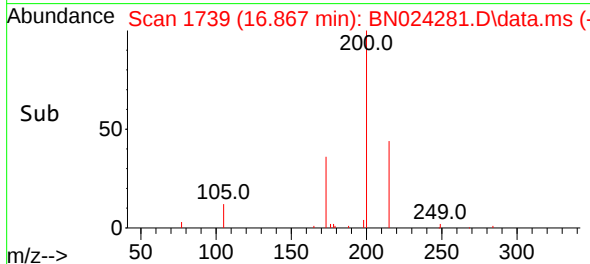
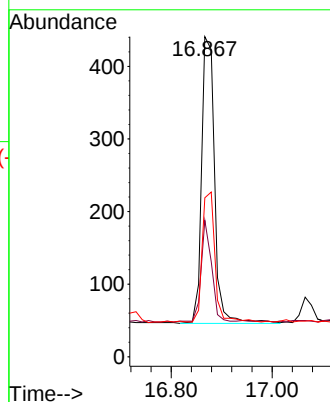
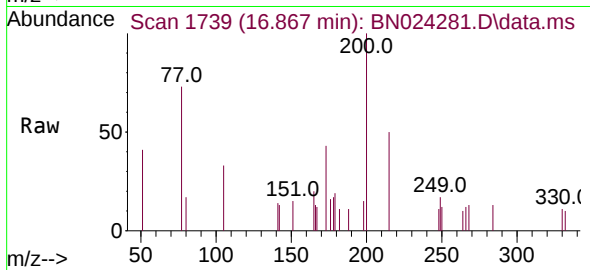
Tgt Ion:200 Resp: 703

Ion Ratio Lower Upper

200 100

173 42.6 18.9 28.3#

215 49.7 36.7 55.1



#24

Pentachlorophenol

Concen: 0.154 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024281.D

Acq: 14 Mar 2023 15:26

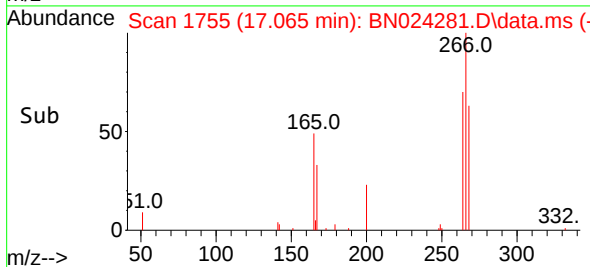
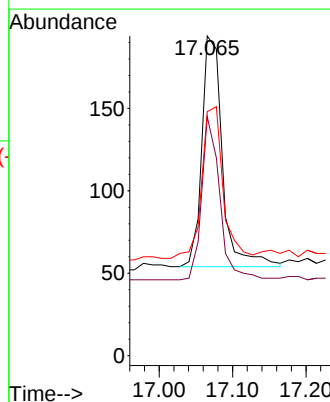
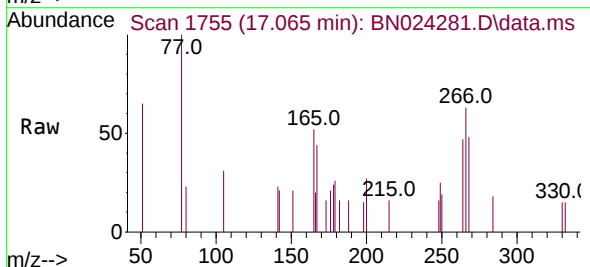
Tgt Ion:266 Resp: 273

Ion Ratio Lower Upper

266 100

264 62.3 51.1 76.7

268 67.4 52.2 78.4

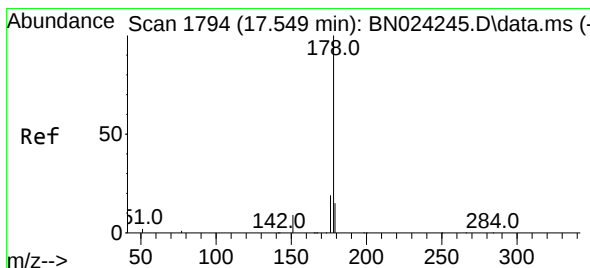
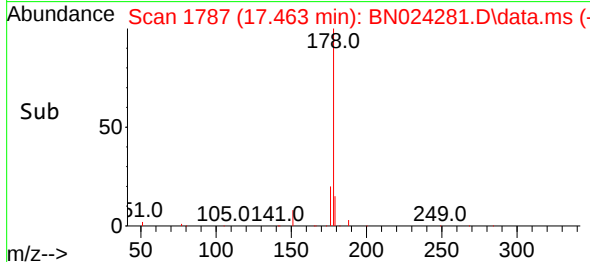
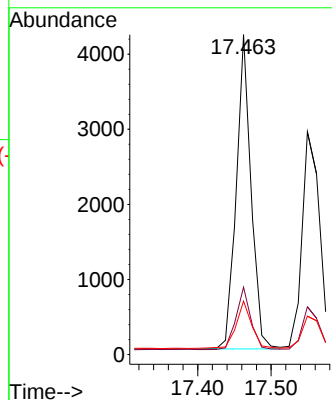
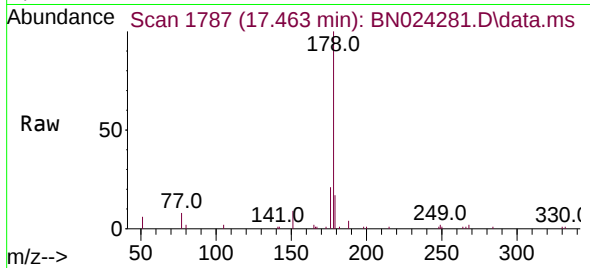




#25
Phenanthrene
Concen: 0.082 ng
RT: 17.463 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

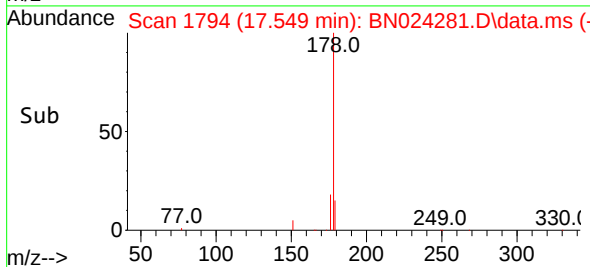
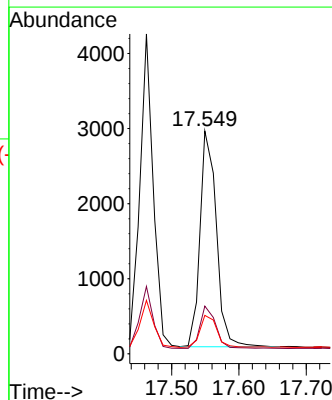
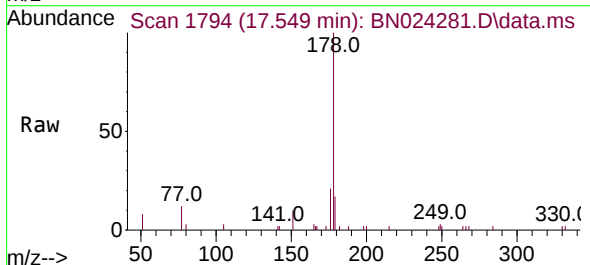
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

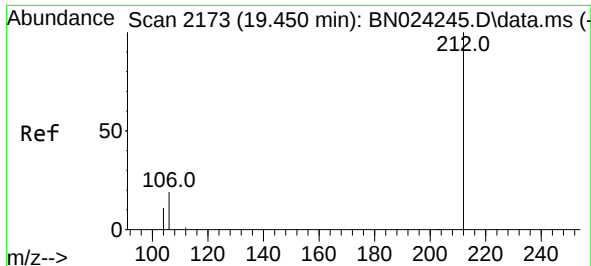
Tgt Ion:178 Resp: 5863
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 16.3 12.2 18.2



#26
Anthracene
Concen: 0.073 ng
RT: 17.549 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion:178 Resp: 4830
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.9 12.1 18.1

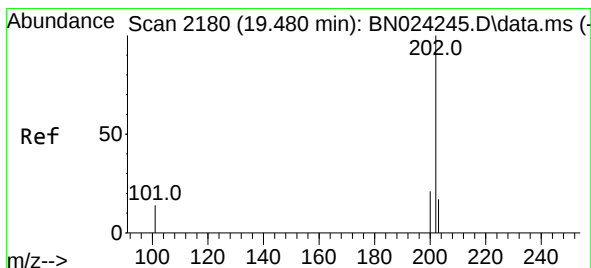
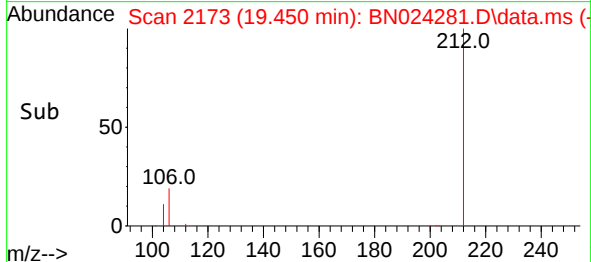
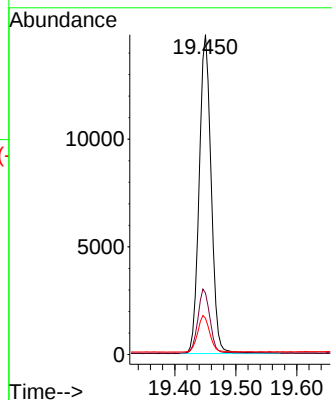
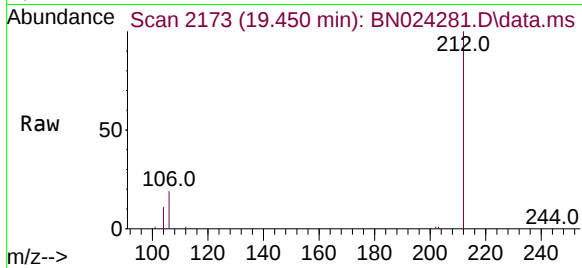




#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.450 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

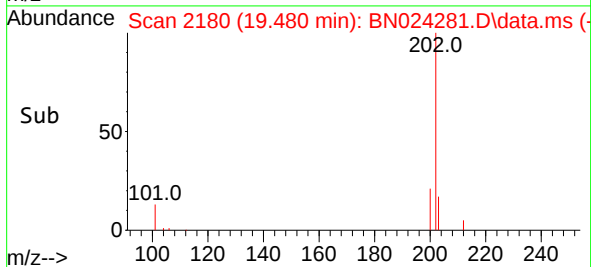
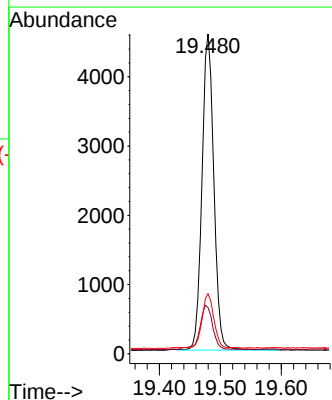
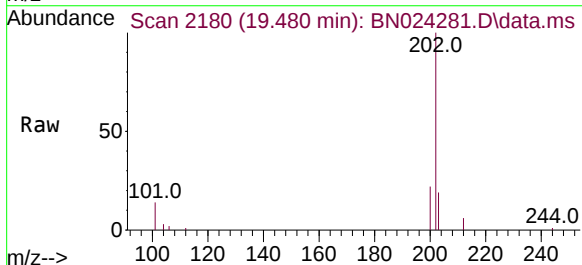
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

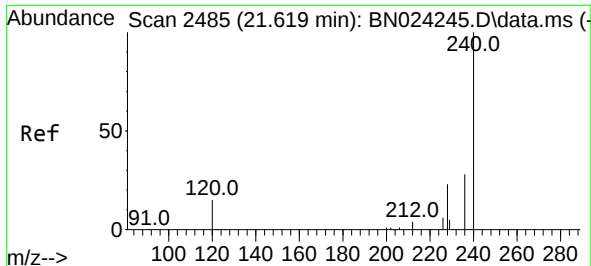
Tgt Ion:212 Resp: 20059
Ion Ratio Lower Upper
212 100
106 20.0 15.4 23.2
104 11.5 8.6 13.0



#28
Fluoranthene
Concen: 0.078 ng
RT: 19.480 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion:202 Resp: 6110
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
203 17.5 13.6 20.4

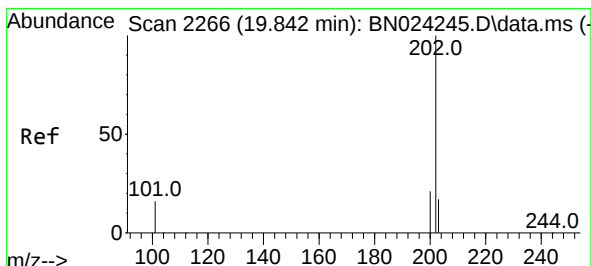
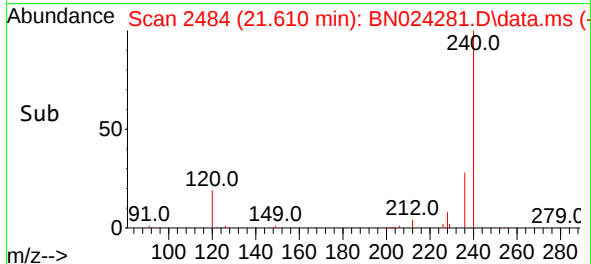
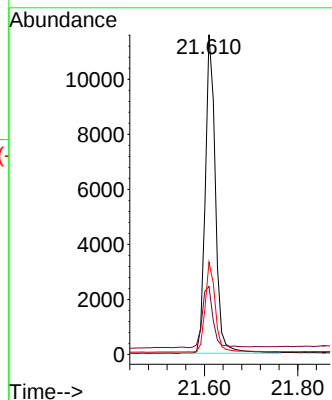
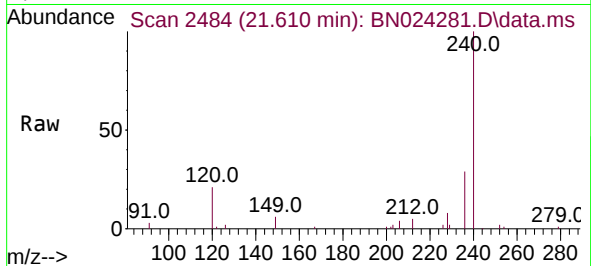




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

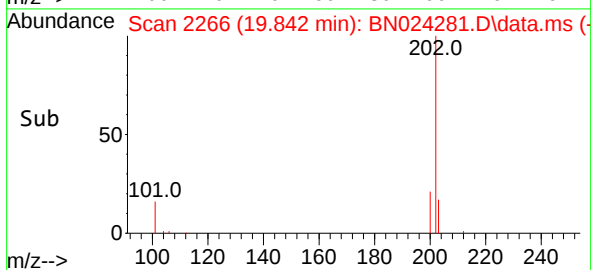
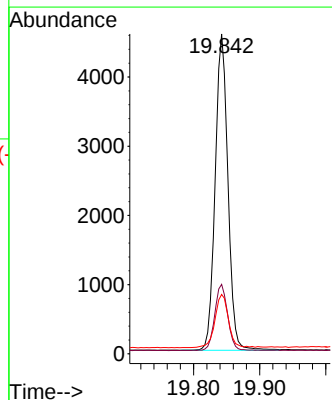
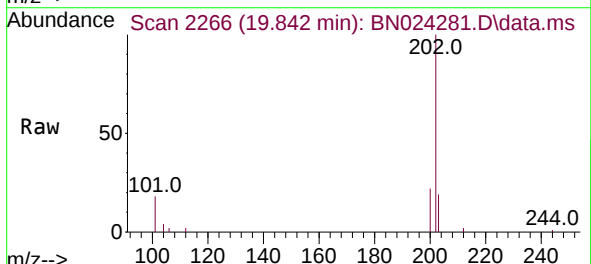
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

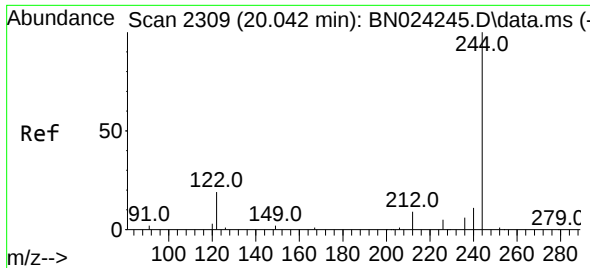
Tgt Ion:240 Resp: 17279
Ion Ratio Lower Upper
240 100
120 21.3 12.8 19.2#
236 28.9 22.5 33.7



#30
Pyrene
Concen: 0.087 ng
RT: 19.842 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion:202 Resp: 6120
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.6 14.2 21.2

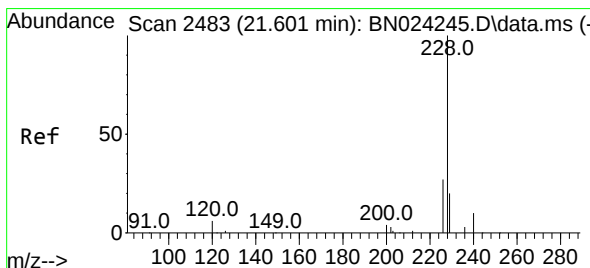
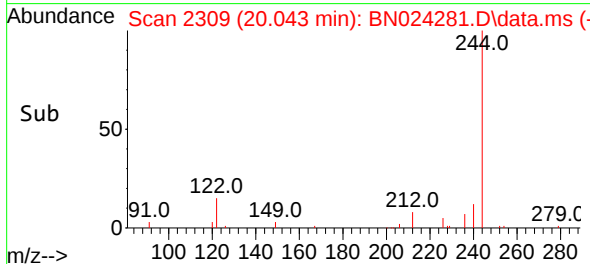
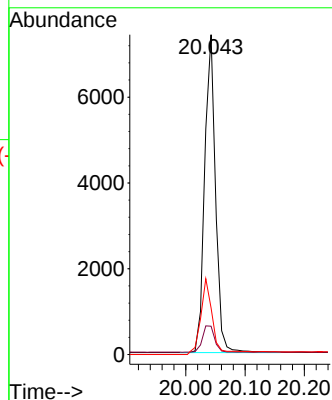
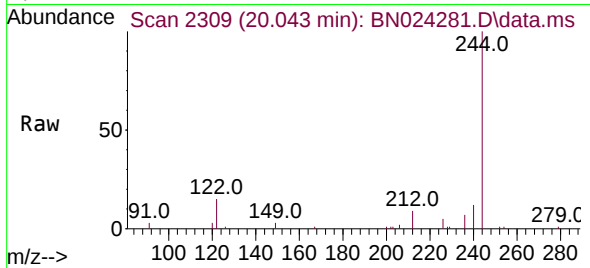




#31
 Terphenyl-d14
 Concen: 0.293 ng
 RT: 20.043 min Scan# 2309
 Delta R.T. 0.000 min
 Lab File: BN024281.D
 Acq: 14 Mar 2023 15:26

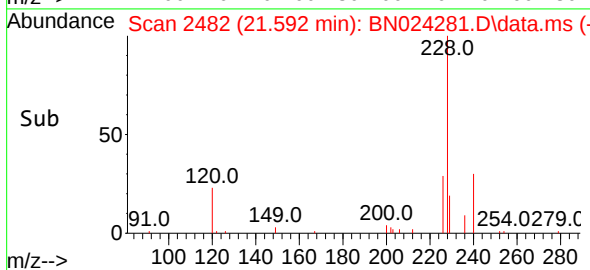
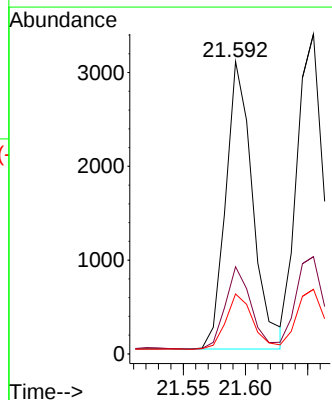
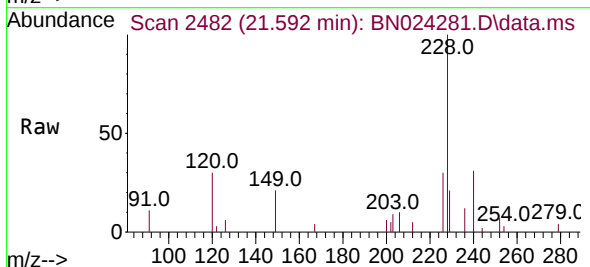
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

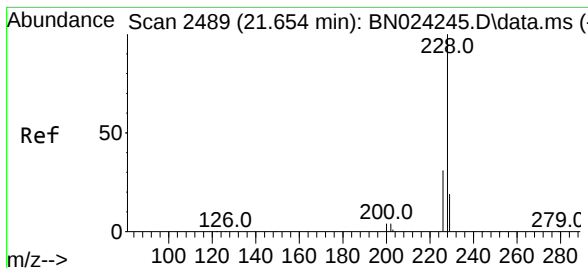
Tgt Ion:244 Resp: 8539
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.6 11.4
 122 14.6 15.1 22.7#



#32
 Benzo(a)anthracene
 Concen: 0.080 ng
 RT: 21.592 min Scan# 2482
 Delta R.T. -0.009 min
 Lab File: BN024281.D
 Acq: 14 Mar 2023 15:26

Tgt Ion:228 Resp: 4626
 Ion Ratio Lower Upper
 228 100
 226 29.8 22.2 33.2
 229 20.5 15.9 23.9





#33

Chrysene

Concen: 0.083 ng

RT: 21.655 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BN024281.D

Acq: 14 Mar 2023 15:26

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

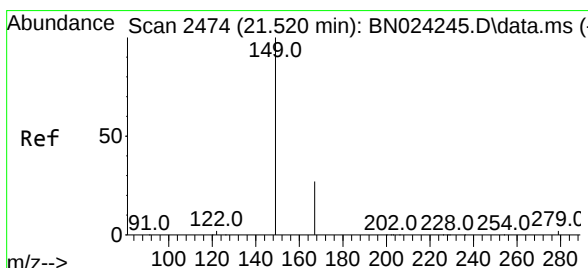
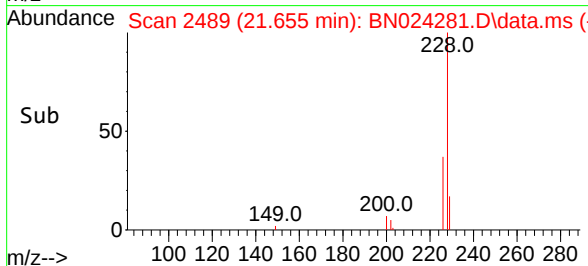
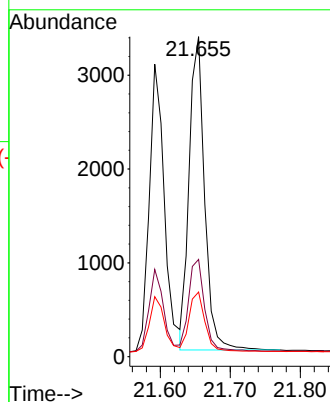
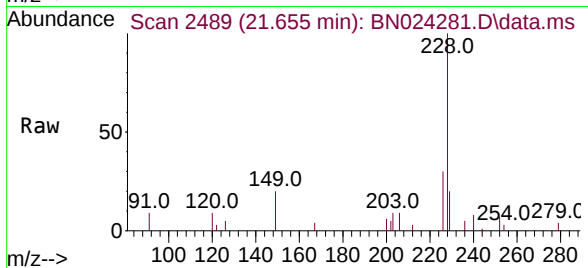
Tgt Ion:228 Resp: 5134

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.2 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

RT: 21.511 min Scan# 2473

Delta R.T. 0.000 min

Lab File: BN024281.D

Acq: 14 Mar 2023 15:26

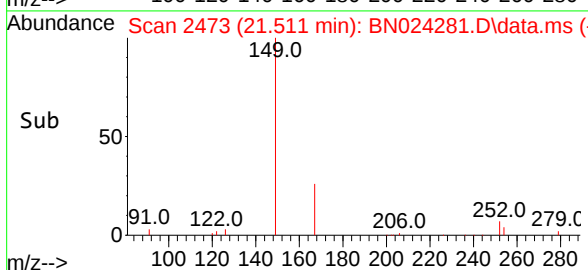
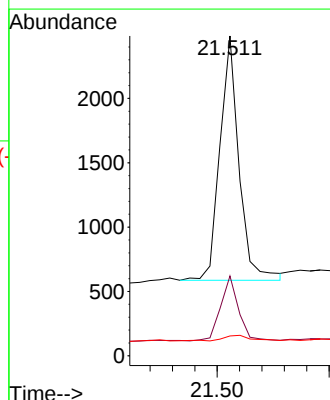
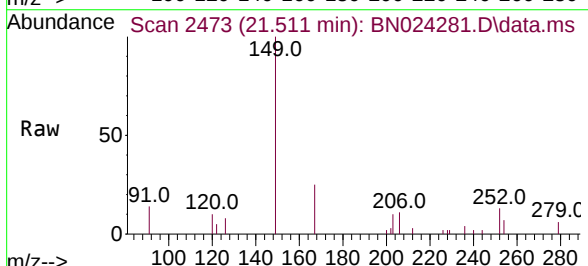
Tgt Ion:149 Resp: 2248

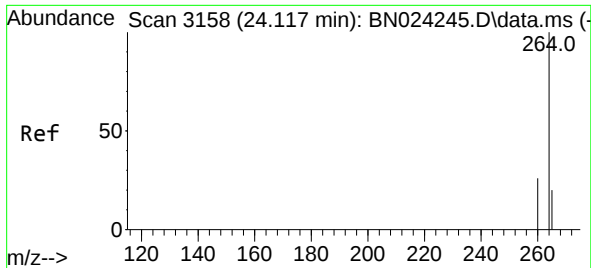
Ion Ratio Lower Upper

149 100

167 25.0 21.2 31.8

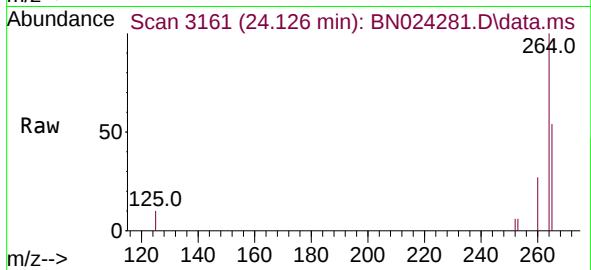
279 3.2 1.8 2.8#



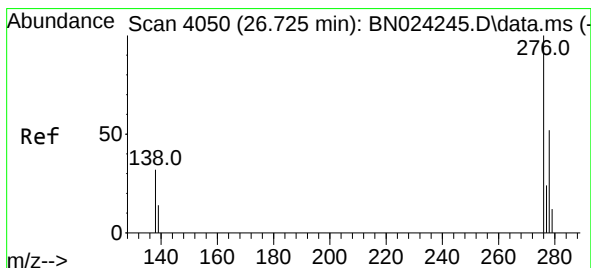
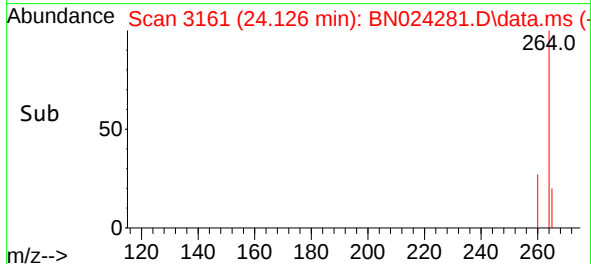
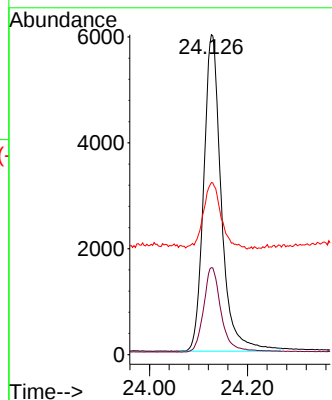


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.126 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

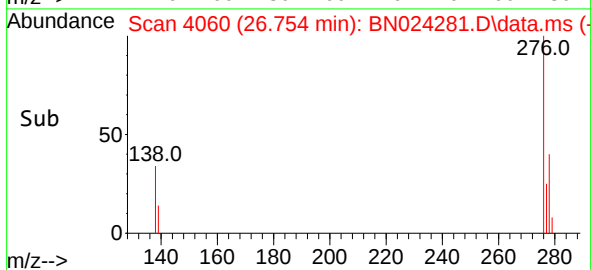
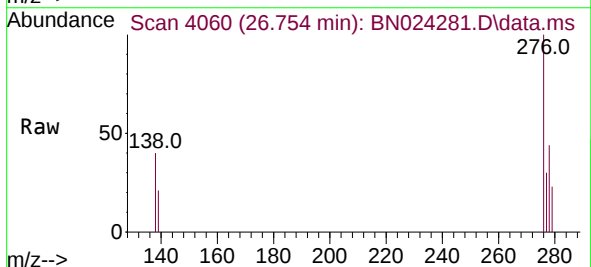
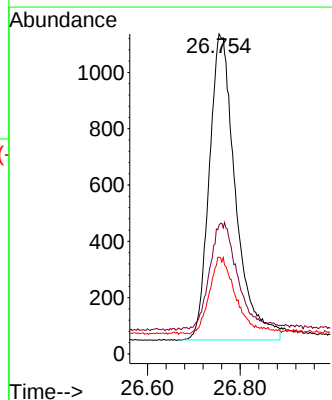


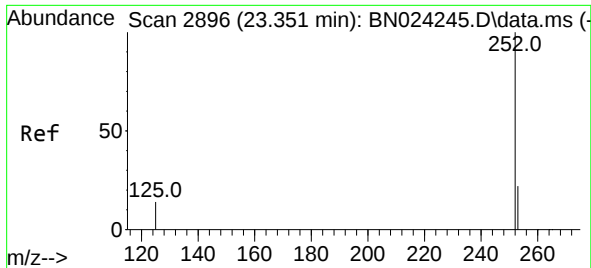
Tgt Ion:264 Resp: 14995
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.2
265 53.8 35.7 53.5#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng
RT: 26.754 min Scan# 4060
Delta R.T. -0.009 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Tgt Ion:276 Resp: 4272
Ion Ratio Lower Upper
276 100
138 36.0 27.4 41.2
277 24.5 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.083 ng

RT: 23.357 min Scan# 2896

Delta R.T. 0.000 min

Lab File: BN024281.D

Acq: 14 Mar 2023 15:26

Instrument :

BN024281.D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

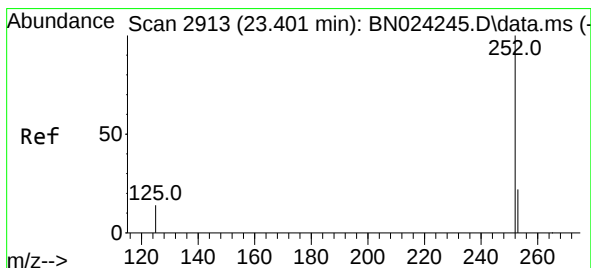
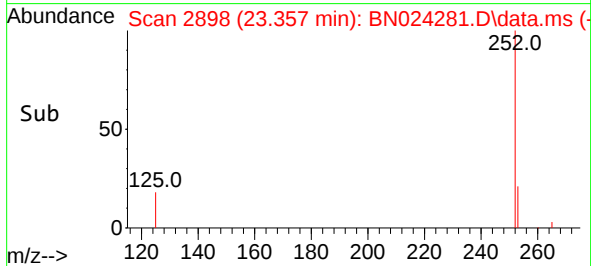
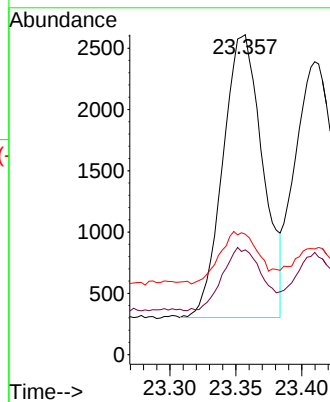
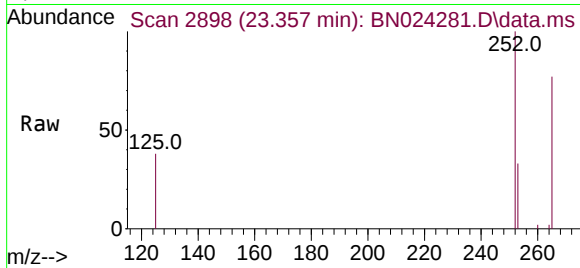
Tgt Ion:252 Resp: 4857

Ion Ratio Lower Upper

252 100

253 32.7 18.9 28.3#

125 37.6 13.8 20.6#



#38

Benzo(k)fluoranthene

Concen: 0.075 ng

RT: 23.410 min Scan# 2916

Delta R.T. 0.000 min

Lab File: BN024281.D

Acq: 14 Mar 2023 15:26

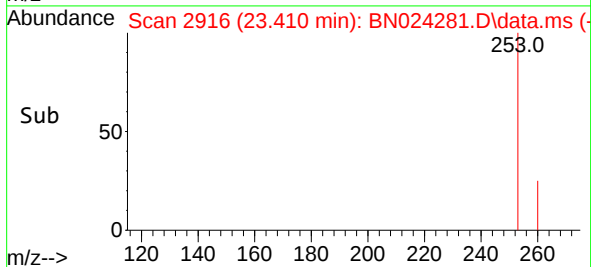
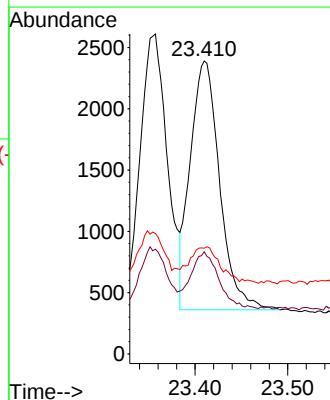
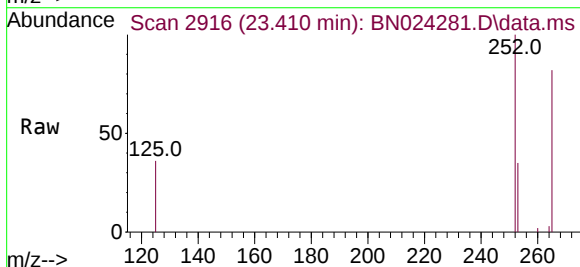
Tgt Ion:252 Resp: 4489

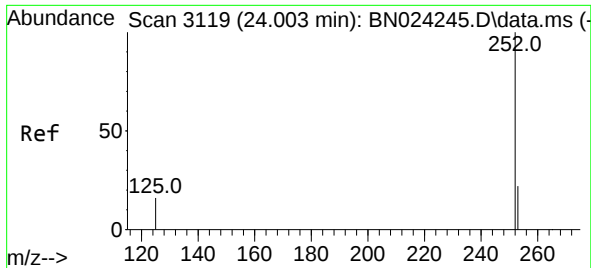
Ion Ratio Lower Upper

252 100

253 34.9 19.0 28.6#

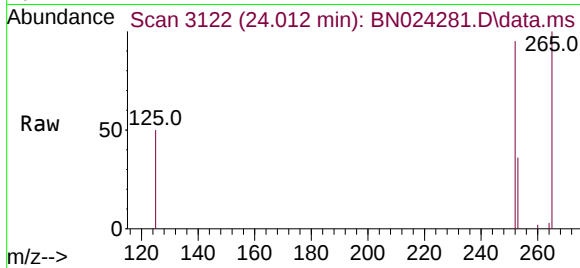
125 36.1 13.5 20.3#



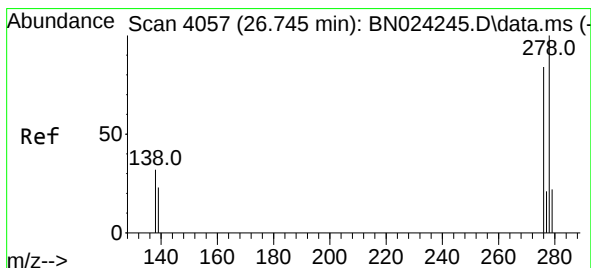
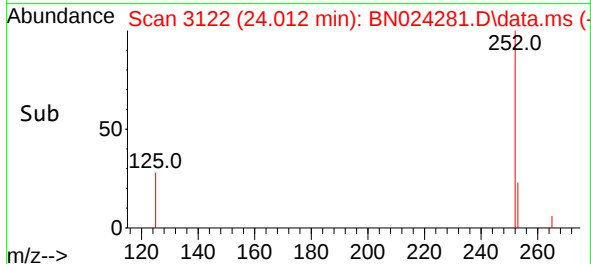
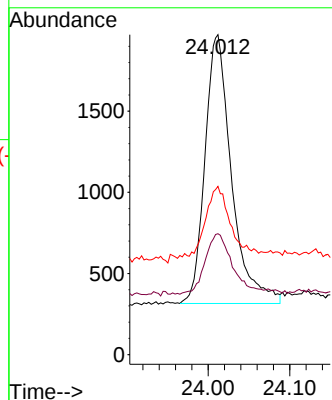


#39
Benzo(a)pyrene
Concen: 0.070 ng
RT: 24.012 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

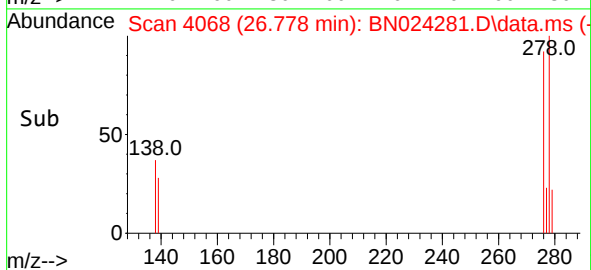
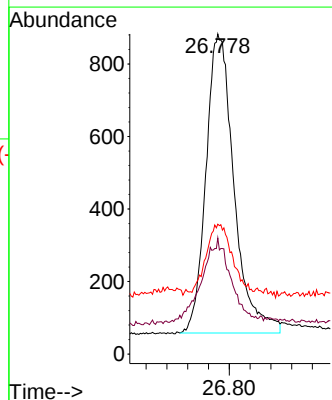
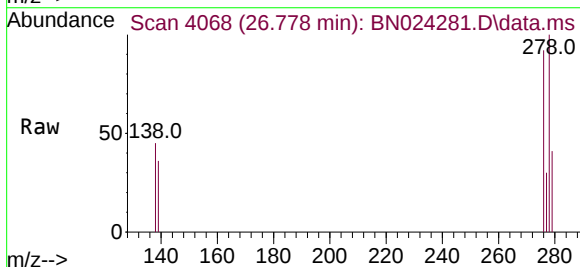


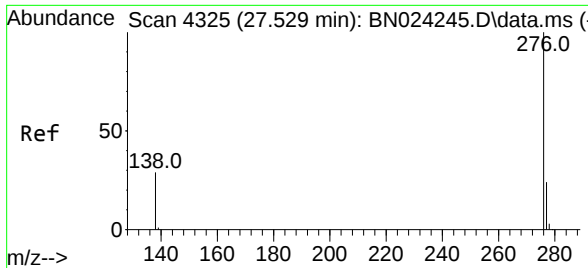
Tgt Ion:252 Resp: 3751
Ion Ratio Lower Upper
252 100
253 37.8 19.5 29.3#
125 52.6 16.2 24.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.071 ng
RT: 26.778 min Scan# 4068
Delta R.T. -0.009 min
Lab File: BN024281.D
Acq: 14 Mar 2023 15:26

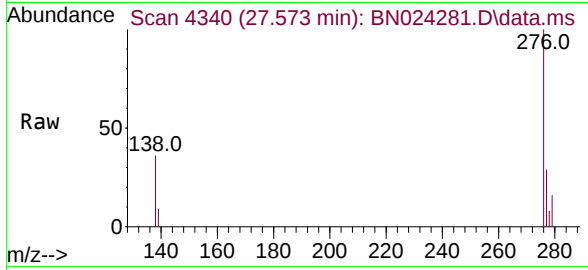
Tgt Ion:278 Resp: 3092
Ion Ratio Lower Upper
278 100
139 36.2 19.4 29.0#
279 40.5 20.7 31.1#





#41
 Benzo(g,h,i)perylene
 Concen: 0.078 ng
 RT: 27.573 min Scan# 4340
 Delta R.T. -0.003 min
 Lab File: BN024281.D
 Acq: 14 Mar 2023 15:26

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 276 Resp: 3942

Ion	Ratio	Lower	Upper
276	100		
277	28.9	19.9	29.9
138	35.9	24.5	36.7

