

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
 Data File : BN029470.D
 Acq On : 01 Feb 2024 04:23
 Operator : MA/JU
 Sample : 04699-03
 Misc : MDL-MDL-SOIL-0.2NG
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2023

Quant Time: Feb 01 04:52:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 01:51:59 2024
 Response via : Initial Calibration

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

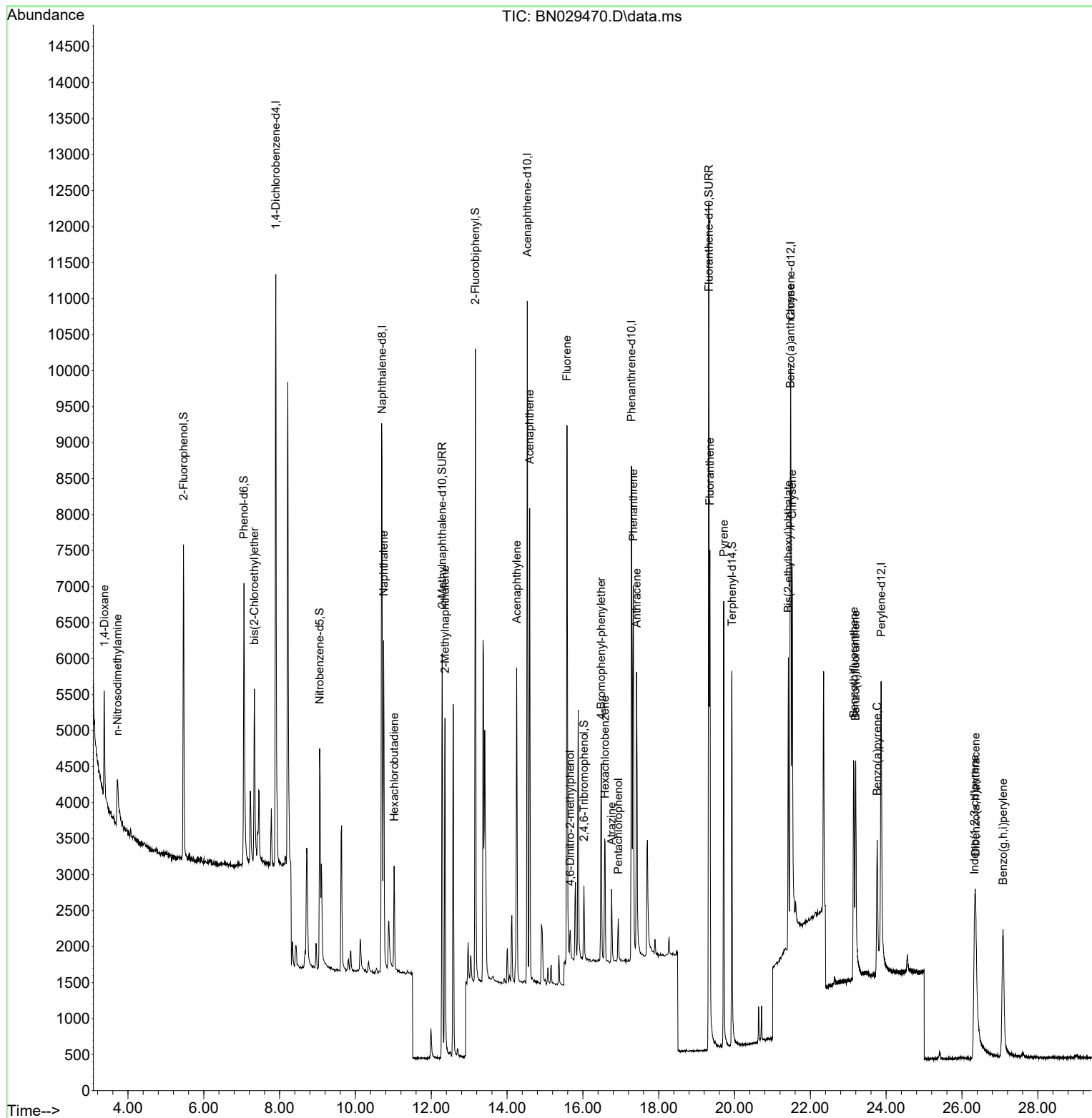
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	4131	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	11126	0.400	ng	# 0.01
13) Acenaphthene-d10	14.532	164	5174	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	10125	0.400	ng	# 0.00
29) Chrysene-d12	21.483	240	6754	0.400	ng	0.00
35) Perylene-d12	23.867	264	6550	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3649	0.368	ng	0.00
5) Phenol-d6	7.060	99	4219	0.368	ng	0.00
8) Nitrobenzene-d5	9.057	82	3101	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	8072	0.533	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	547	0.330	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	7594	0.342	ng	0.00
27) Fluoranthene-d10	19.322	212	13540	0.552	ng	0.00
31) Terphenyl-d14	19.931	244	5716	0.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1271	0.219	ng	97
3) n-Nitrosodimethylamine	3.723	42	774	0.163	ng	# 96
6) bis(2-Chloroethyl)ether	7.334	93	2074	0.190	ng	97
9) Naphthalene	10.744	128	6078	0.192	ng	98
10) Hexachlorobutadiene	11.021	225	1101	0.183	ng	# 100
12) 2-Methylnaphthalene	12.363	142	3518	0.189	ng	98
16) Acenaphthylene	14.254	152	4835	0.197	ng	100
17) Acenaphthene	14.597	154	3110	0.189	ng	99
18) Fluorene	15.580	166	3855	0.186	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	237	0.159	ng	# 73
21) 4-Bromophenyl-phenylether	16.486	248	1105	0.183	ng	# 77
22) Hexachlorobenzene	16.585	284	1372	0.186	ng	98
23) Atrazine	16.759	200	830	0.194	ng	# 94
24) Pentachlorophenol	16.933	266	302	0.129	ng	97
25) Phenanthrene	17.330	178	5737	0.192	ng	99
26) Anthracene	17.417	178	4735	0.185	ng	99
28) Fluoranthene	19.350	202	5943	0.176	ng	99
30) Pyrene	19.717	202	6000	0.193	ng	99
32) Benzo(a)anthracene	21.474	228	4459	0.193	ng	99
33) Chrysene	21.519	228	4819	0.184	ng	100
34) Bis(2-ethylhexyl)phtha...	21.420	149	3100	0.197	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.326	276	4705	0.179	ng	# 83
37) Benzo(b)fluoranthene	23.145	252	4364	0.186	ng	# 89
38) Benzo(k)fluoranthene	23.192	252	4402	0.180	ng	# 85
39) Benzo(a)pyrene	23.762	252	3686	0.181	ng	# 84
40) Dibenzo(a,h)anthracene	26.361	278	3655	0.174	ng	# 89
41) Benzo(g,h,i)perylene	27.083	276	4456	0.175	ng	92

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

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Misc : MDL-MDL-SOIL-0.2NG
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 01 04:52:50 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

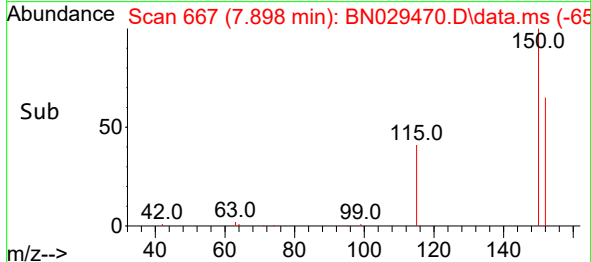
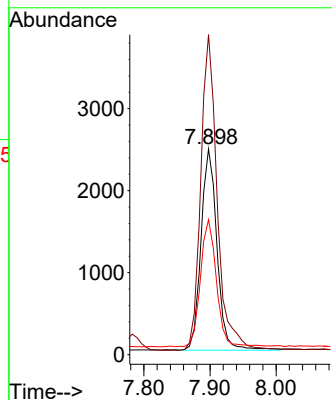
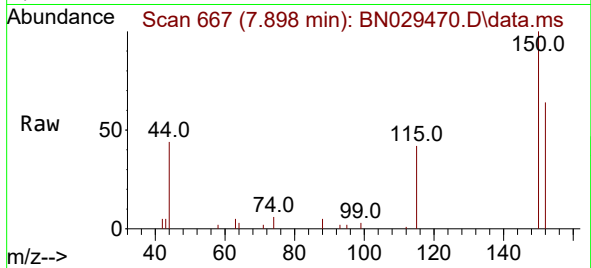




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.898 min Scan# 668
 Delta R.T. -0.000 min
 Lab File: BN029470.D
 Acq: 01 Feb 2024 04:23

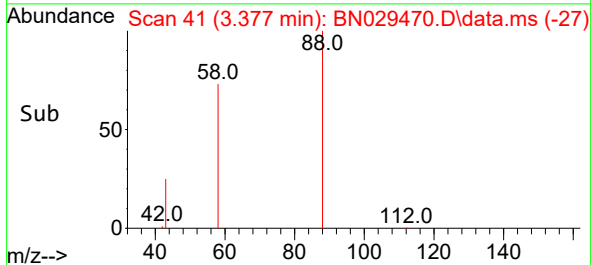
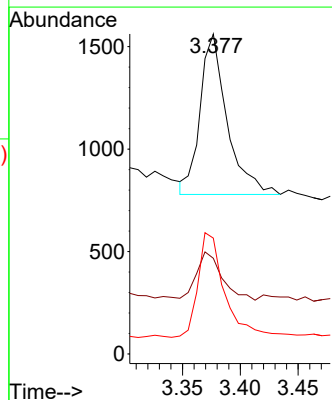
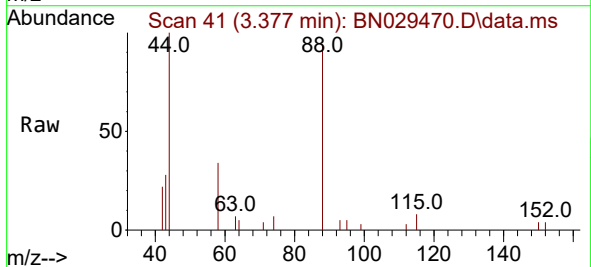
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2023

Tgt Ion:152 Resp: 4131
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 65.6 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.219 ng
 RT: 3.377 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN029470.D
 Acq: 01 Feb 2024 04:23

Tgt Ion: 88 Resp: 1271
 Ion Ratio Lower Upper
 88 100
 43 28.6 23.3 34.9
 58 64.2 53.8 80.6

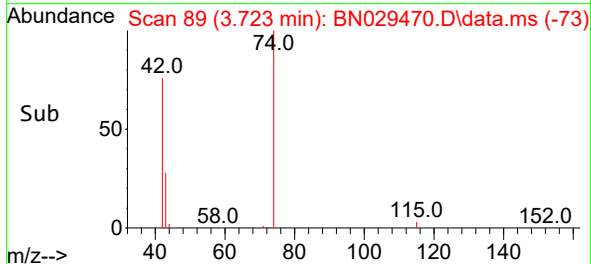
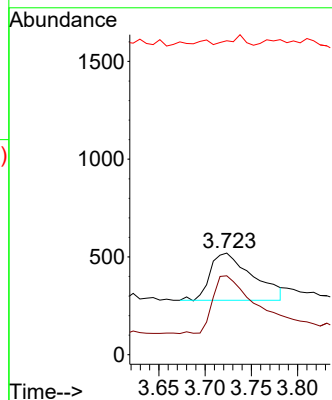
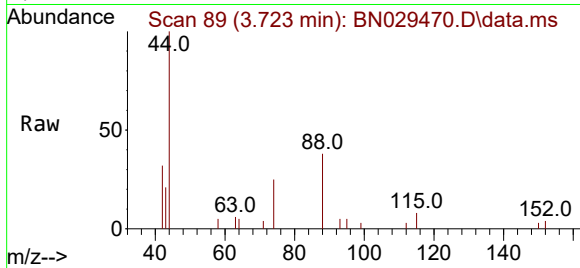




#3
n-Nitrosodimethylamine
Concen: 0.163 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.014 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

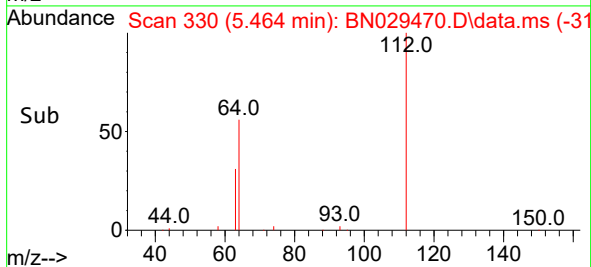
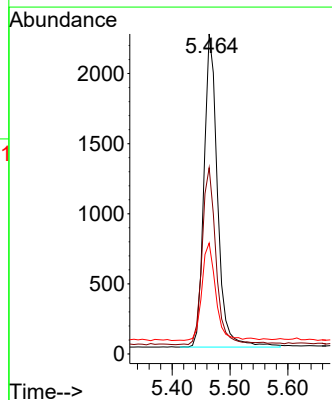
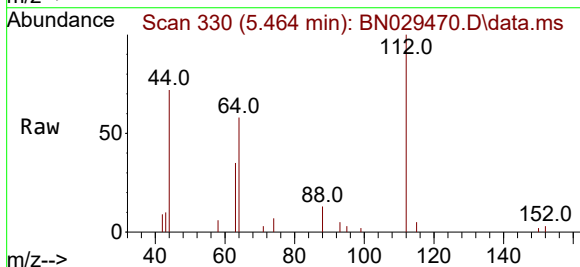
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

Tgt Ion: 42 Resp: 774
Ion Ratio Lower Upper
42 100
74 119.4 93.7 140.5
44 6.8 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.464 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Tgt Ion: 112 Resp: 3649
Ion Ratio Lower Upper
112 100
64 57.5 47.2 70.8
63 31.2 25.8 38.6

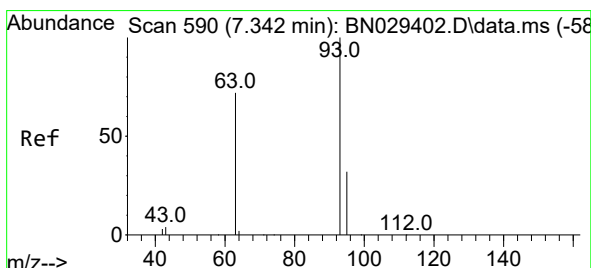
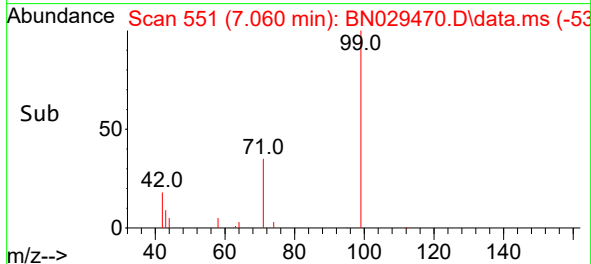
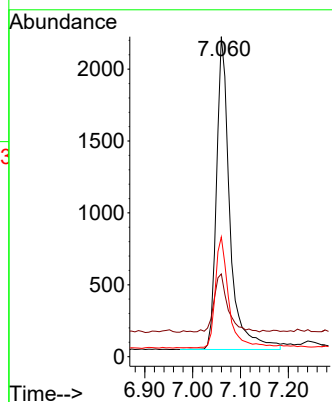
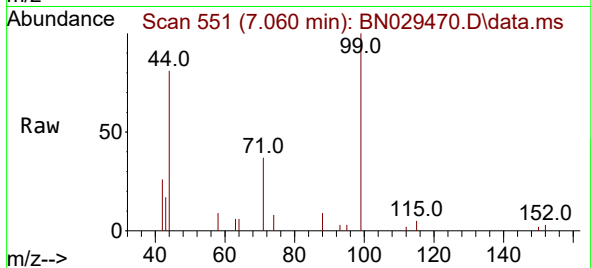




#5
Phenol-d6
Concen: 0.368 ng
RT: 7.060 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

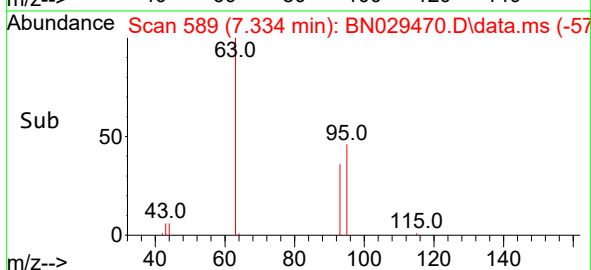
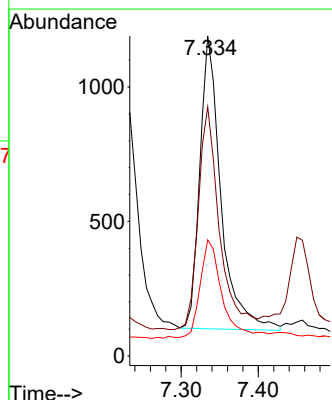
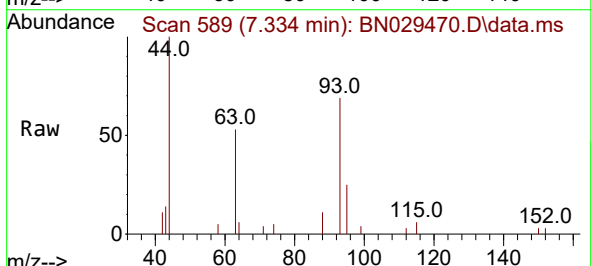
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

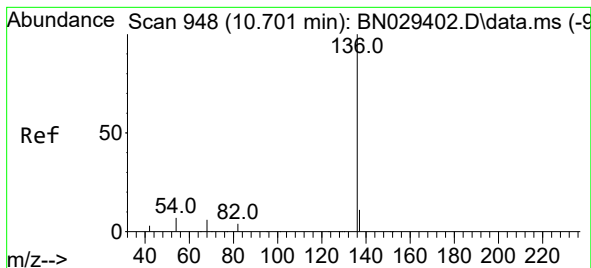
Tgt Ion: 99 Resp: 4219
Ion Ratio Lower Upper
99 100
42 19.1 16.9 25.3
71 35.7 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.190 ng
RT: 7.334 min Scan# 589
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Tgt Ion: 93 Resp: 2074
Ion Ratio Lower Upper
93 100
63 76.6 63.1 94.7
95 35.9 27.1 40.7





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.701 min Scan# 94

Delta R.T. 0.011 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023

Tgt Ion:136 Resp: 11126

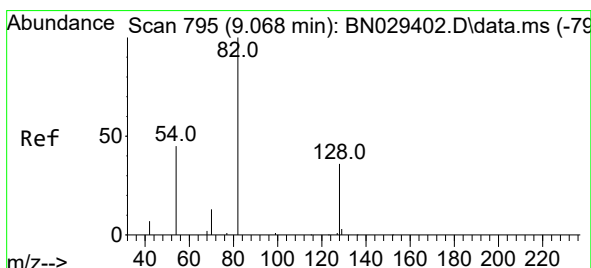
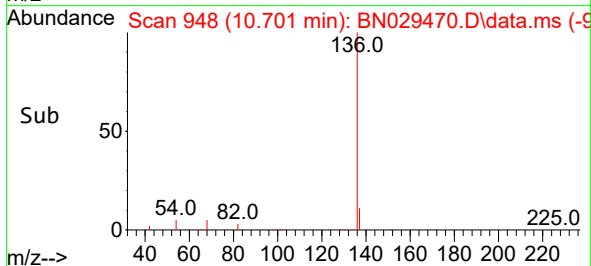
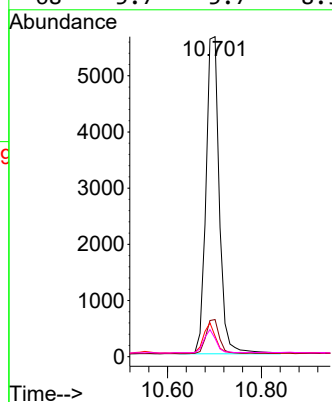
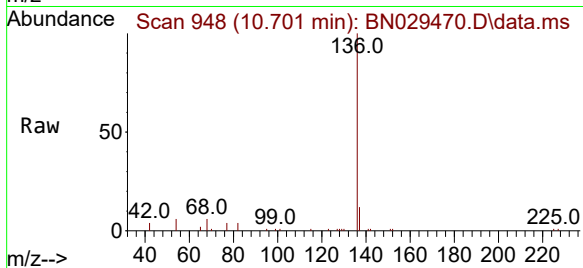
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 6.4 6.6 10.0#

68 5.7 5.7 8.5



#8

Nitrobenzene-d5

Concen: 0.335 ng

RT: 9.057 min Scan# 794

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

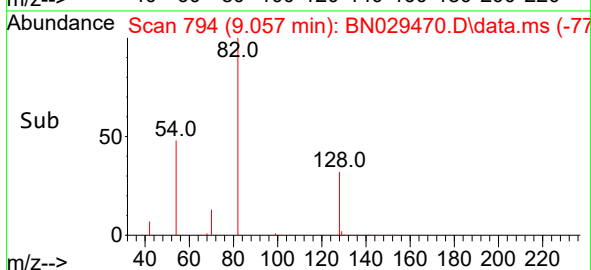
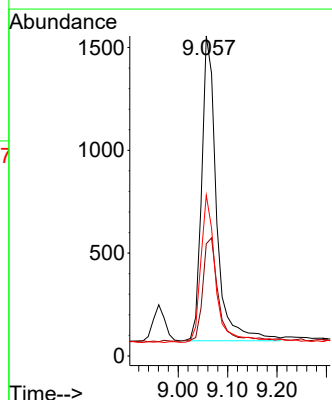
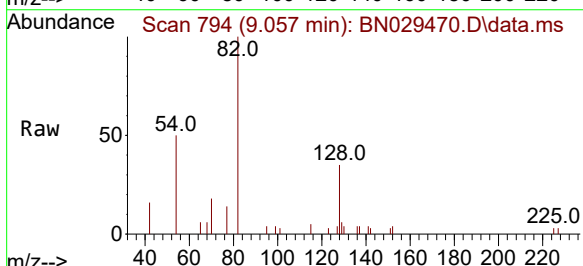
Tgt Ion: 82 Resp: 3101

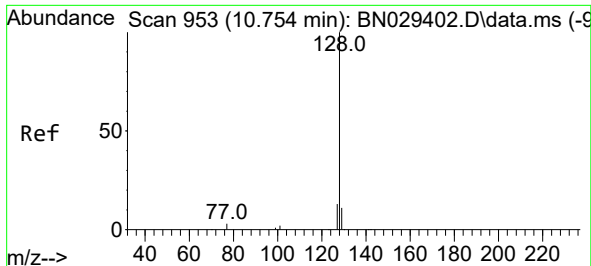
Ion Ratio Lower Upper

82 100

128 35.0 31.6 47.4

54 50.3 38.2 57.4

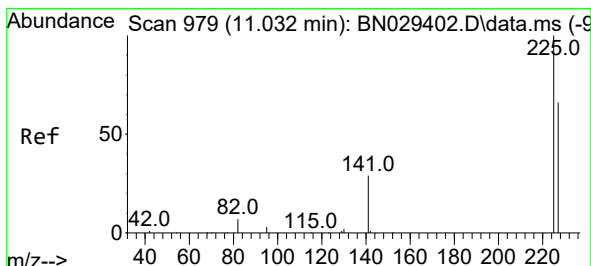
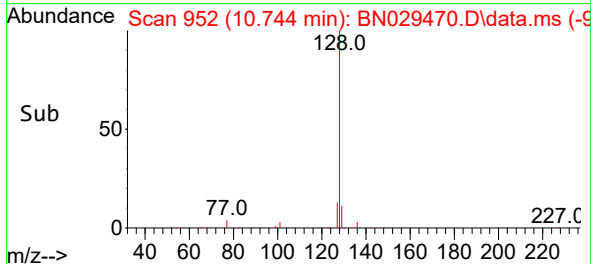
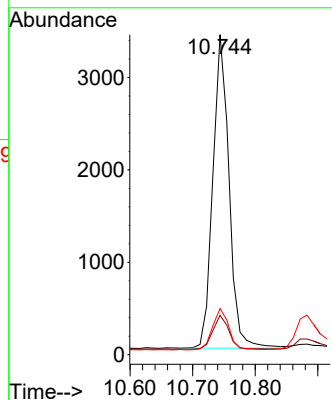
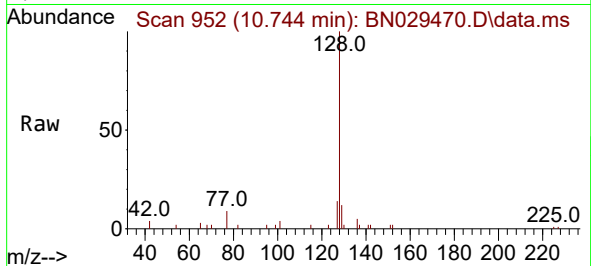




#9
Naphthalene
Concen: 0.192 ng
RT: 10.744 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

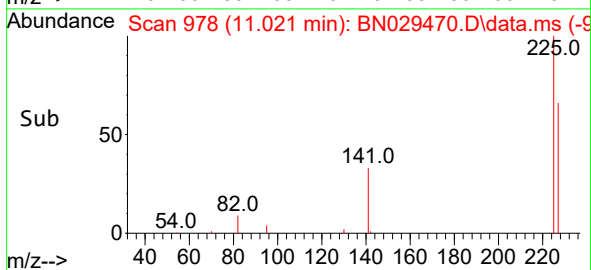
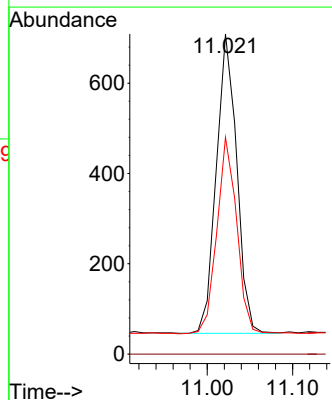
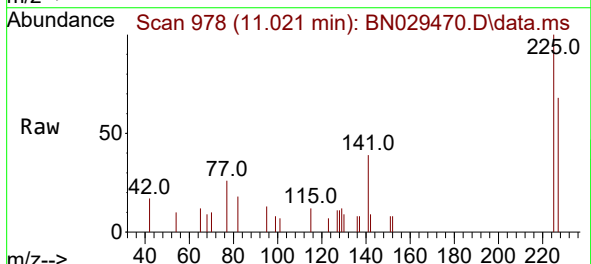
Instrument :
BNA_N
ClientSampleId :
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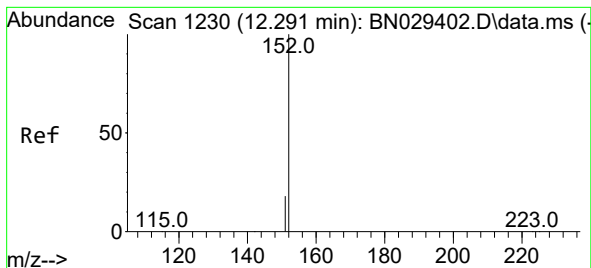
Tgt Ion:128 Resp: 6078
Ion Ratio Lower Upper
128 100
129 12.3 9.5 14.3
127 14.4 10.8 16.2



#10
Hexachlorobutadiene
Concen: 0.183 ng
RT: 11.021 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Tgt Ion:225 Resp: 1101
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 51.1 76.7

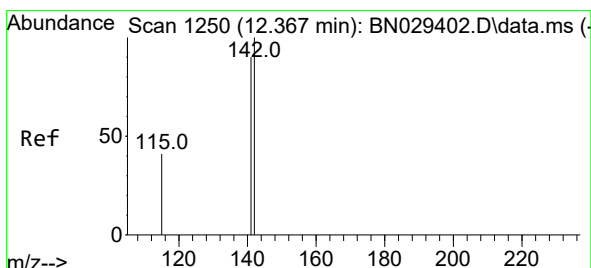
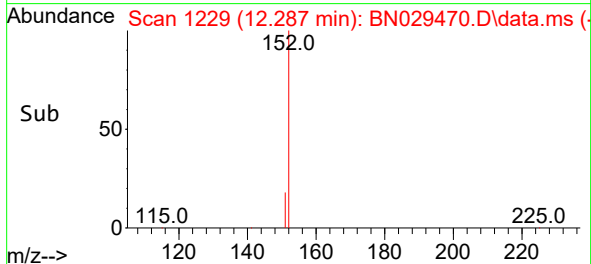
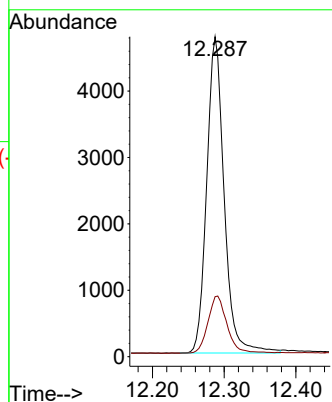
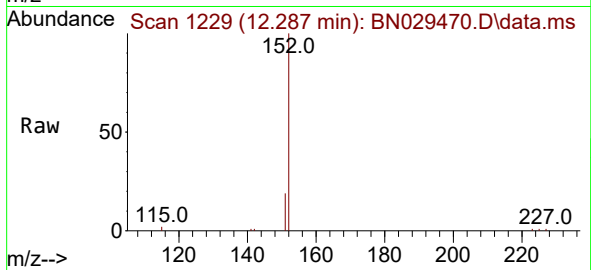




#11
2-Methylnaphthalene-d10
Concen: 0.533 ng
RT: 12.287 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

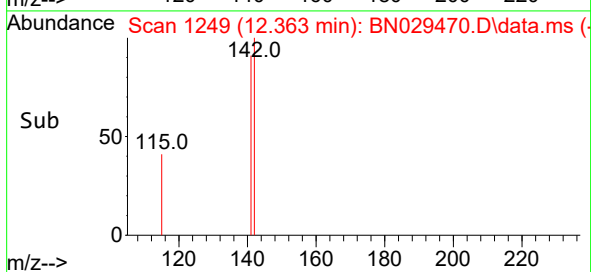
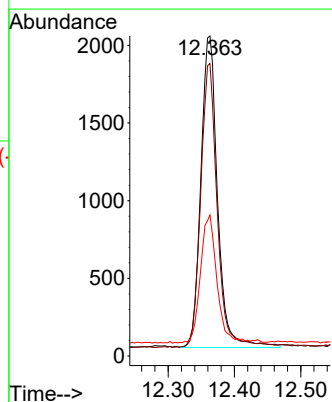
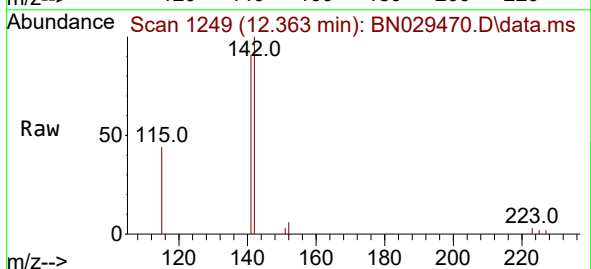
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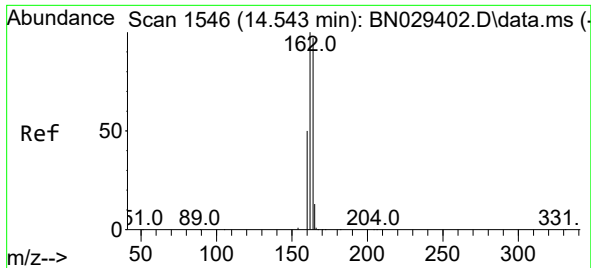
Tgt Ion:152 Resp: 8072
Ion Ratio Lower Upper
152 100
151 19.7 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.189 ng
RT: 12.363 min Scan# 1249
Delta R.T. 0.004 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Tgt Ion:142 Resp: 3518
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9
115 44.1 33.9 50.9

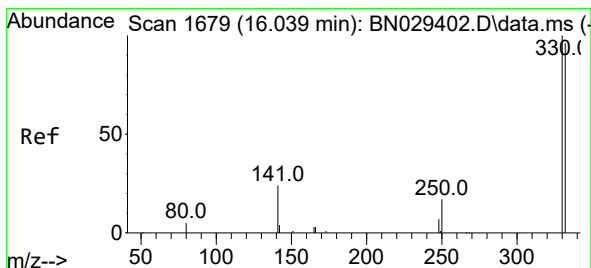
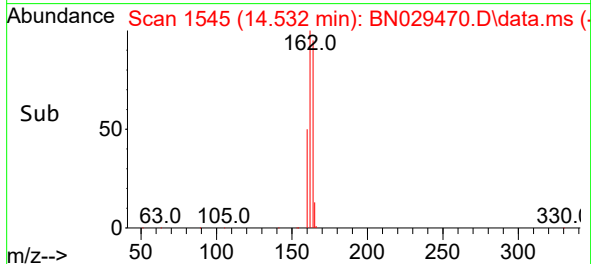
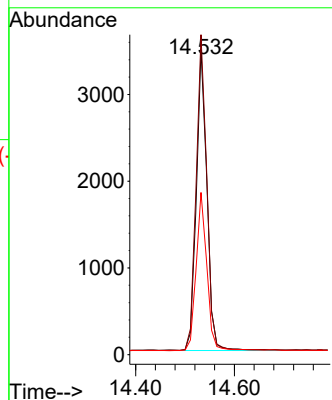
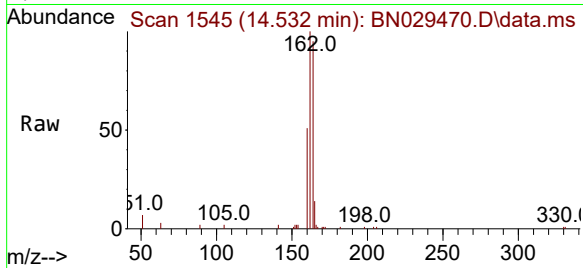




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.532 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN029470.D
 Acq: 01 Feb 2024 04:23

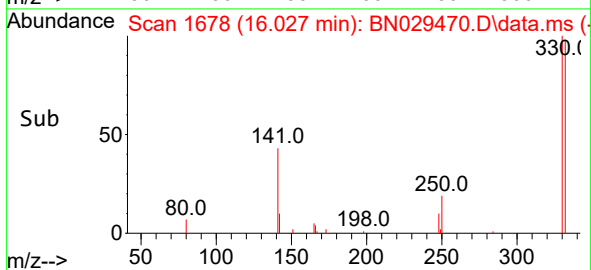
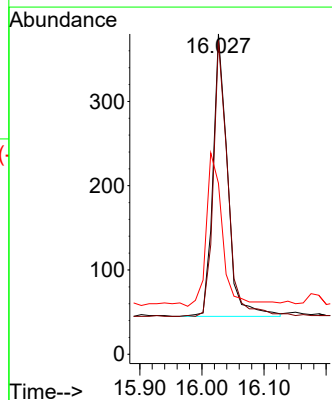
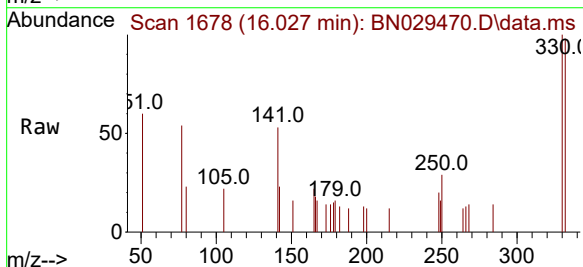
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2023

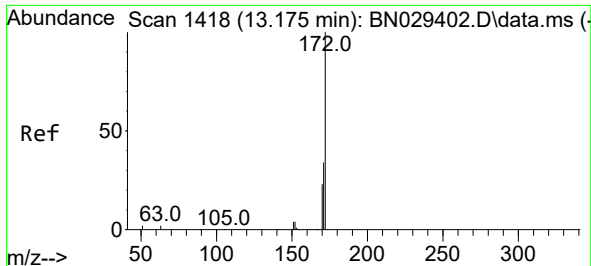
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 Ion Ratio Lower Upper
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 162 104.8 82.6 123.8
 160 53.1 41.5 62.3



#14
 2,4,6-Tribromophenol
 Concen: 0.330 ng
 RT: 16.027 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BN029470.D
 Acq: 01 Feb 2024 04:23

Tgt Ion:330 Resp: 547
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.0 114.0
 141 61.1 43.4 65.2

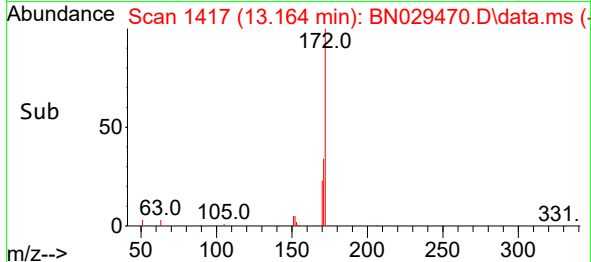
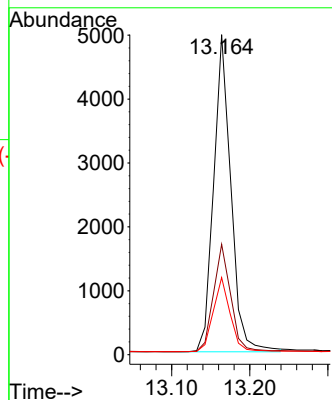
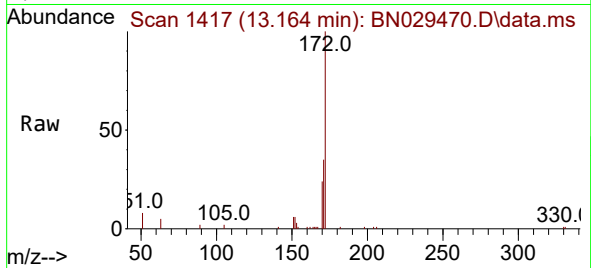




#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.164 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

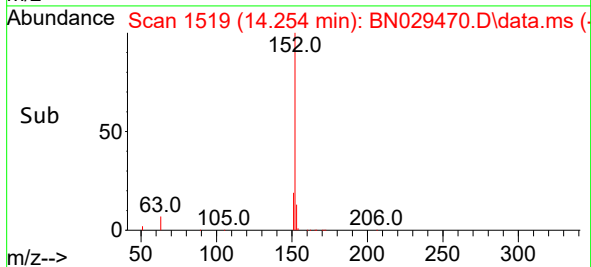
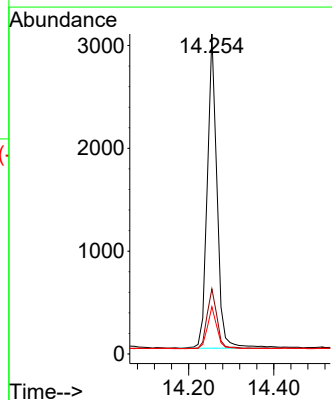
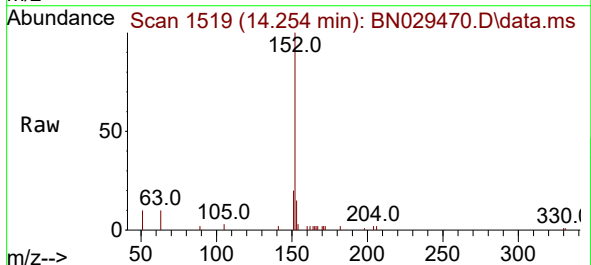
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

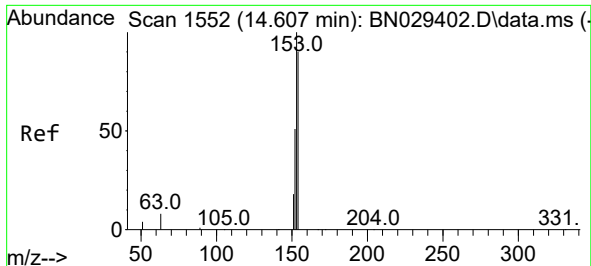
Tgt Ion:172 Resp: 7594
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 24.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.197 ng
RT: 14.254 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Tgt Ion:152 Resp: 4835
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.5 15.7

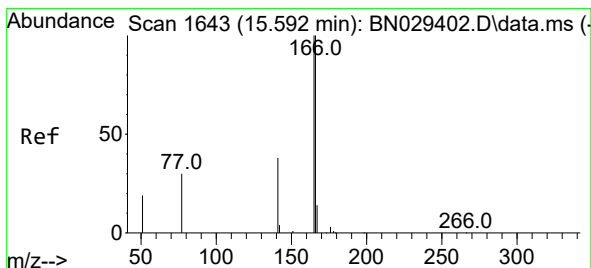
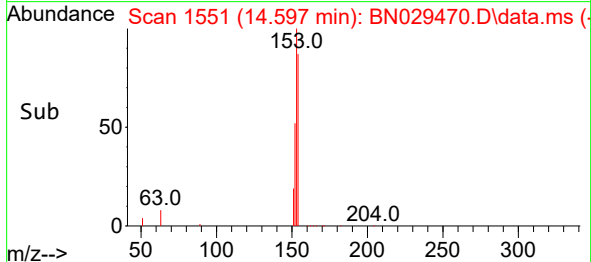
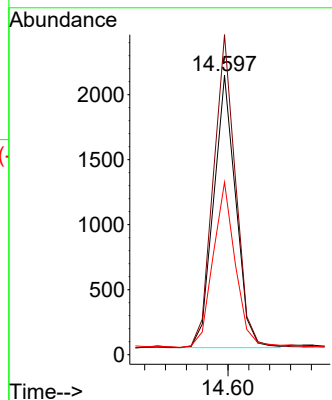
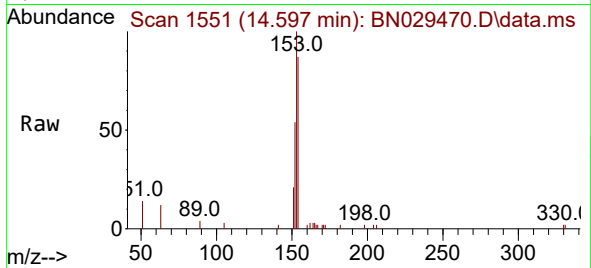




#17
Acenaphthene
Concen: 0.189 ng
RT: 14.597 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

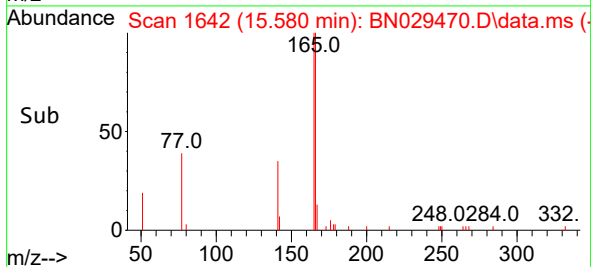
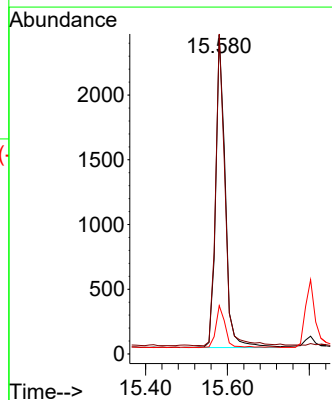
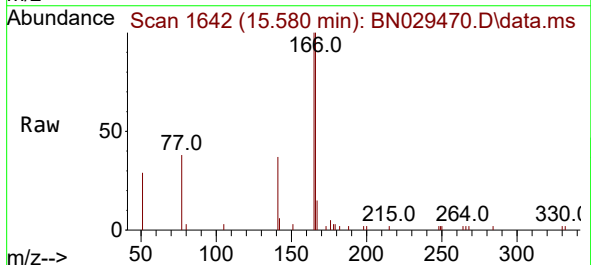
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

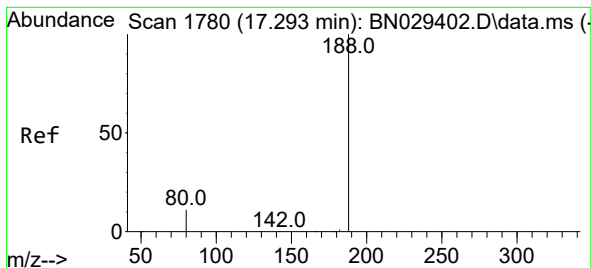
Tgt Ion:154 Resp: 3110
Ion Ratio Lower Upper
154 100
153 115.7 93.6 140.4
152 61.5 48.6 73.0



#18
Fluorene
Concen: 0.186 ng
RT: 15.580 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Tgt Ion:166 Resp: 3855
Ion Ratio Lower Upper
166 100
165 98.6 79.9 119.9
167 13.5 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.280 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023

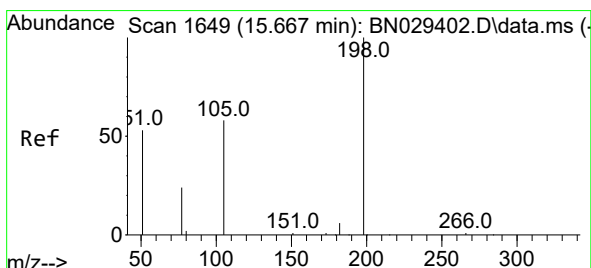
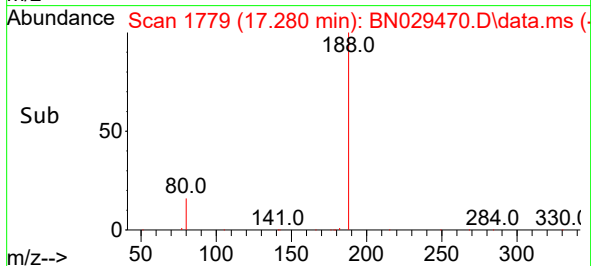
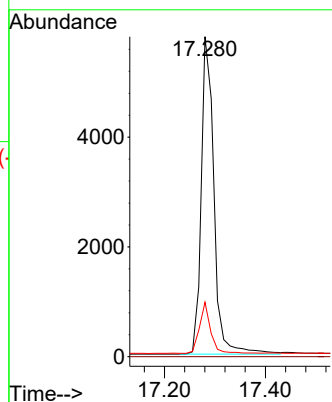
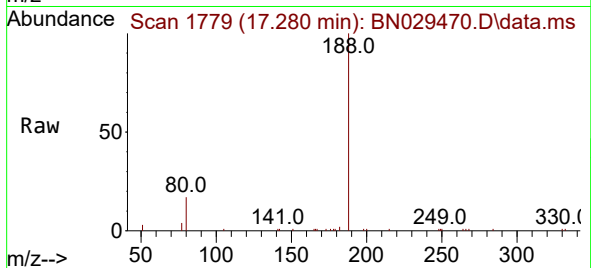
Tgt Ion:188 Resp: 10125

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.0 10.0 15.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.159 ng

RT: 15.667 min Scan# 1649

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

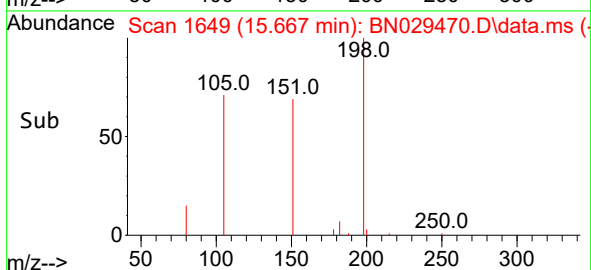
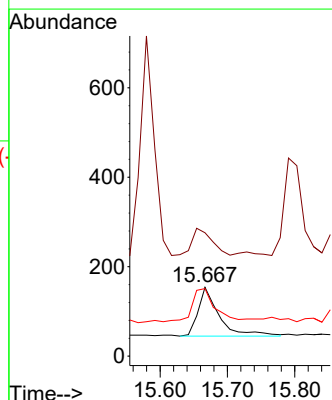
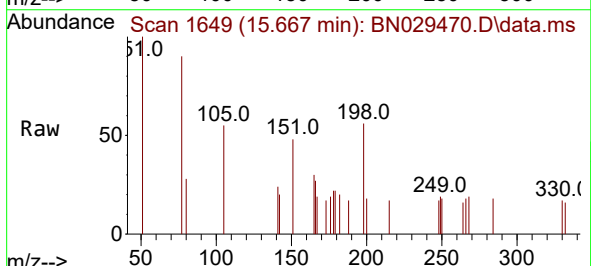
Tgt Ion:198 Resp: 237

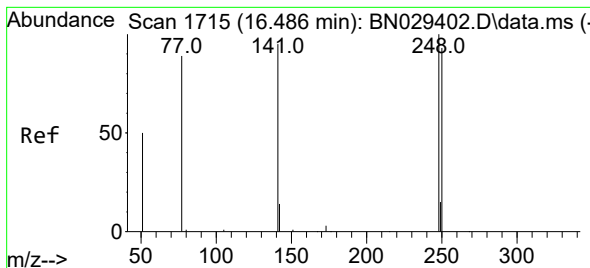
Ion Ratio Lower Upper

198 100

51 179.2 111.0 166.6#

105 98.1 67.0 100.6

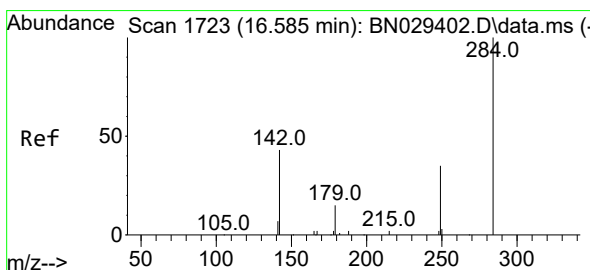
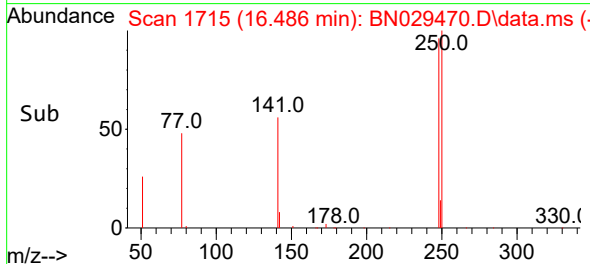
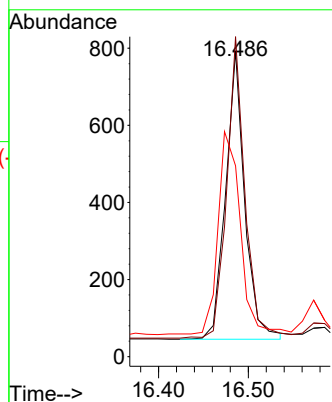
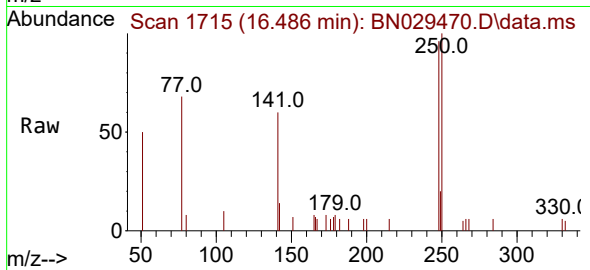




#21
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 16.486 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

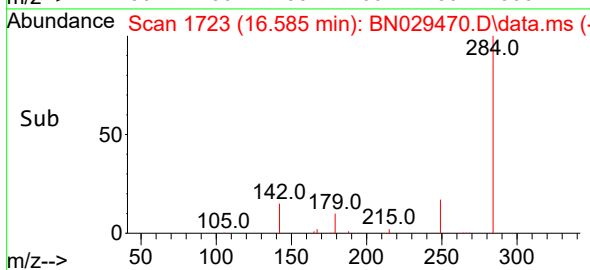
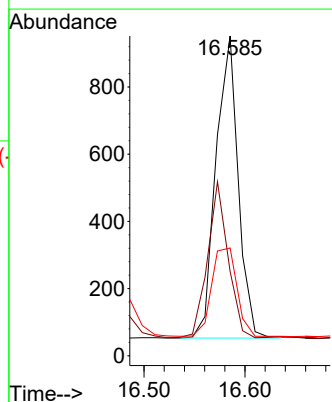
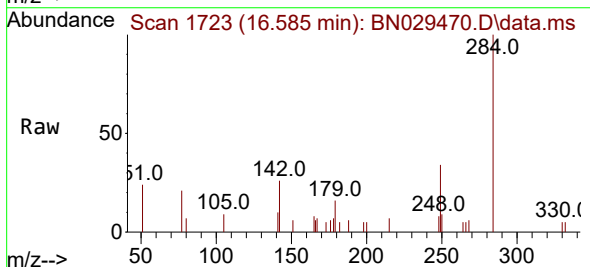
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

Tgt Ion:248 Resp: 1105
Ion Ratio Lower Upper
248 100
250 104.7 75.0 112.4
141 62.4 77.0 115.6#



#22
Hexachlorobenzene
Concen: 0.186 ng
RT: 16.585 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Tgt Ion:284 Resp: 1372
Ion Ratio Lower Upper
284 100
142 47.5 39.4 59.2
249 33.2 26.9 40.3





#23

Atrazine

Concen: 0.194 ng

RT: 16.759 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023

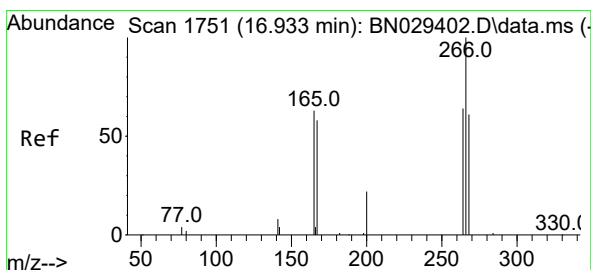
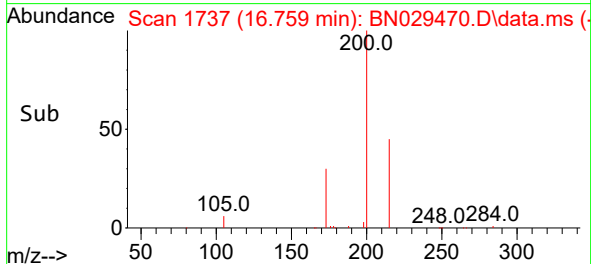
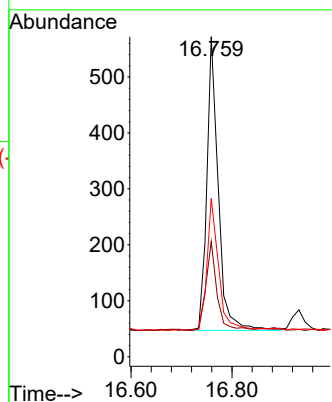
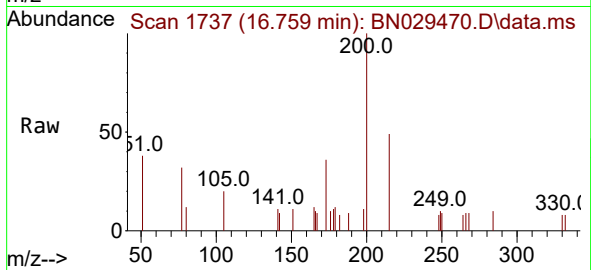
Tgt Ion:200 Resp: 830

Ion Ratio Lower Upper

200 100

173 36.0 23.4 35.0#

215 49.5 38.4 57.6



#24

Pentachlorophenol

Concen: 0.129 ng

RT: 16.933 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

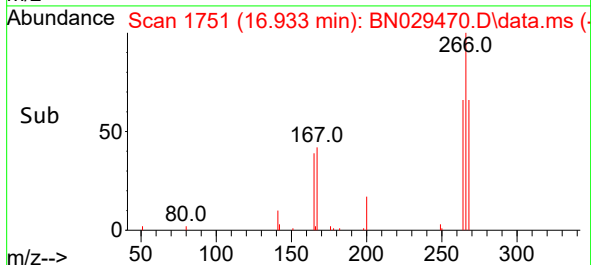
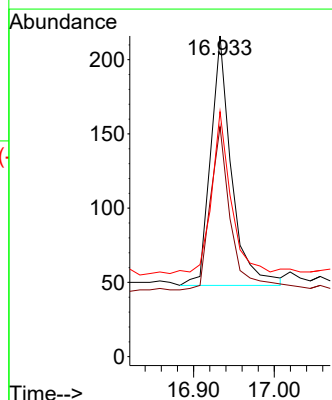
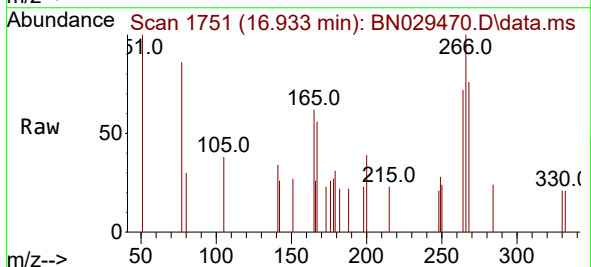
Tgt Ion:266 Resp: 302

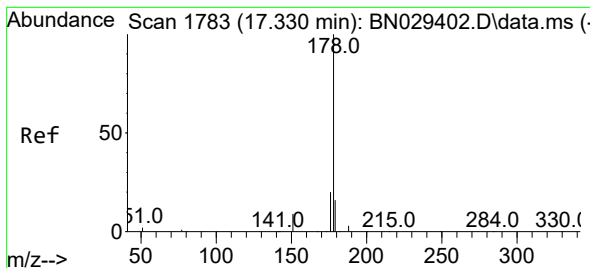
Ion Ratio Lower Upper

266 100

264 64.9 50.8 76.2

268 61.6 51.5 77.3





#25

Phenanthrene

Concen: 0.192 ng

RT: 17.330 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023

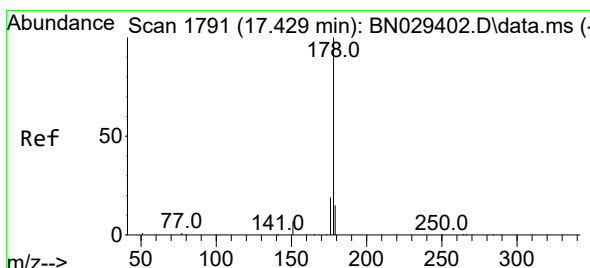
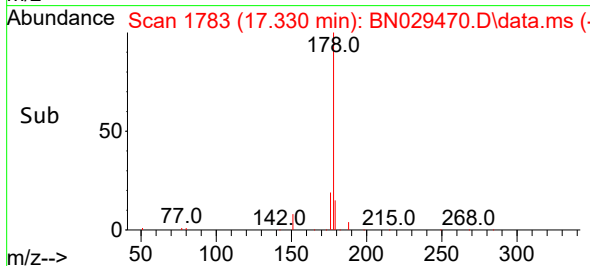
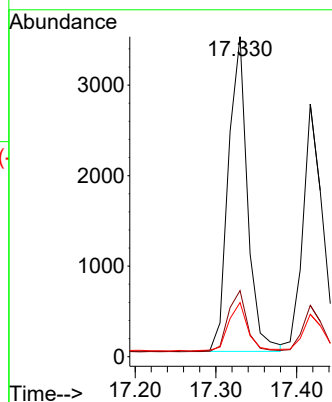
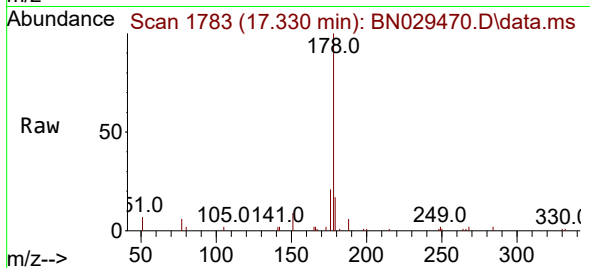
Tgt Ion:178 Resp: 5737

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.4 12.6 19.0



#26

Anthracene

Concen: 0.185 ng

RT: 17.417 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

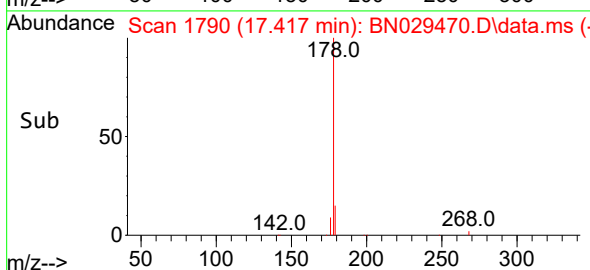
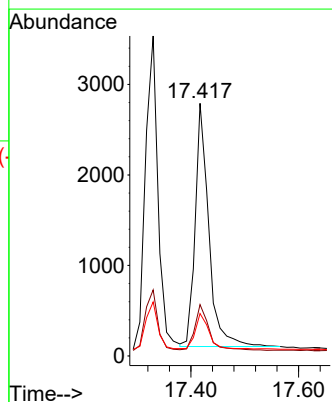
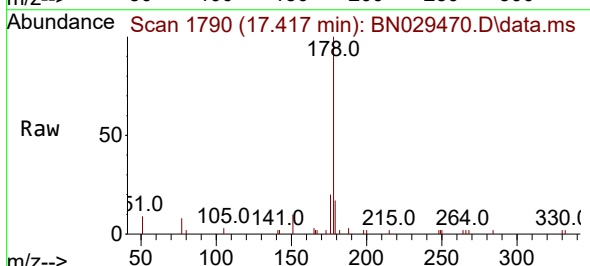
Tgt Ion:178 Resp: 4735

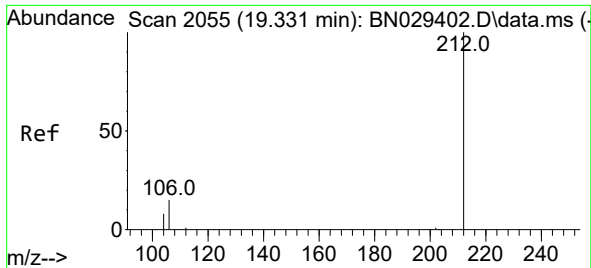
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

179 14.9 12.3 18.5

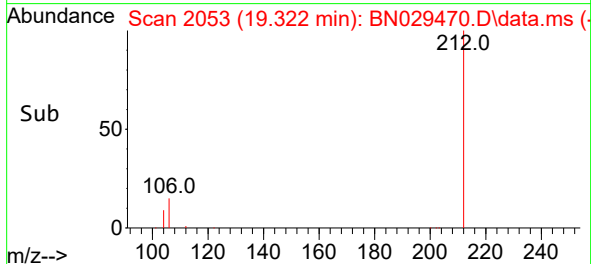
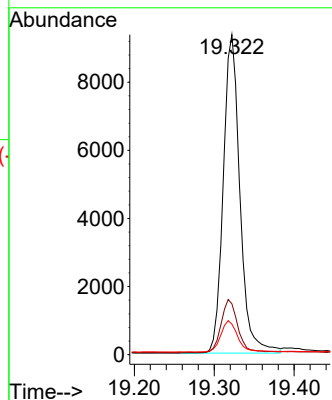
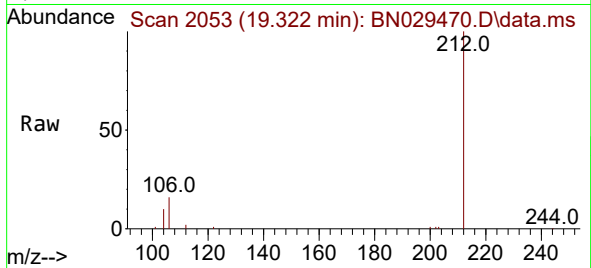




#27
Fluoranthene-d10
Concen: 0.552 ng
RT: 19.322 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

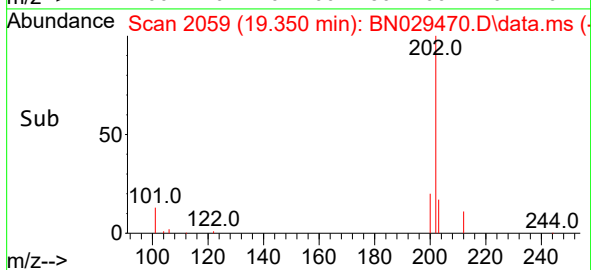
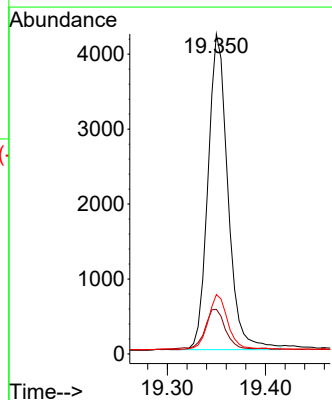
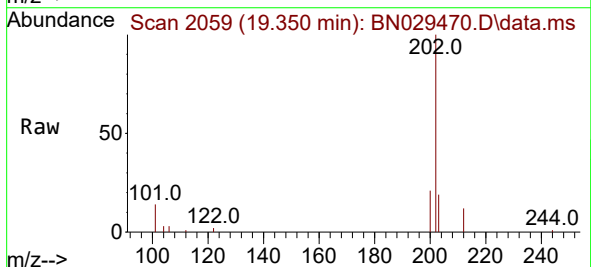
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

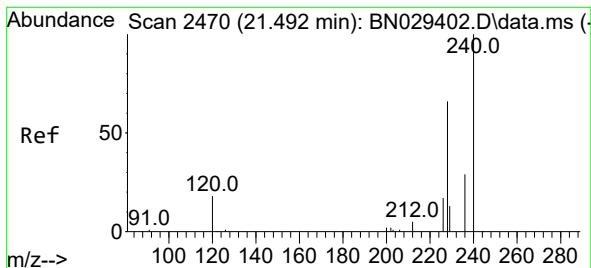
Tgt Ion:212 Resp: 13540
Ion Ratio Lower Upper
212 100
106 16.8 13.2 19.8
104 9.9 7.7 11.5



#28
Fluoranthene
Concen: 0.176 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Tgt Ion:202 Resp: 5943
Ion Ratio Lower Upper
202 100
101 13.8 10.5 15.7
203 16.9 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.483 min Scan# 2469

Delta R.T. -0.009 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023

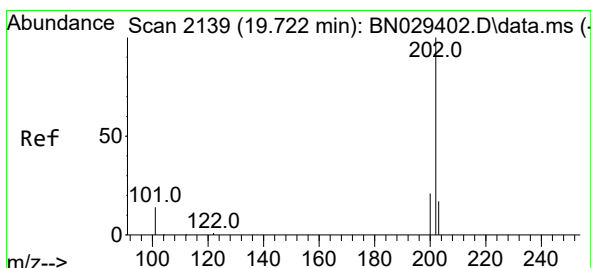
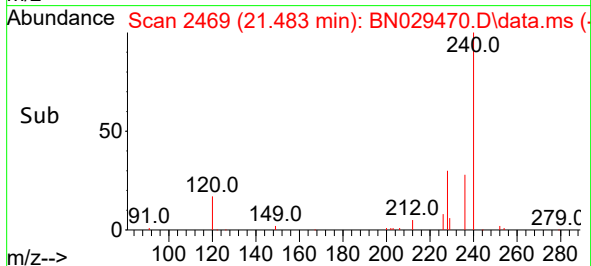
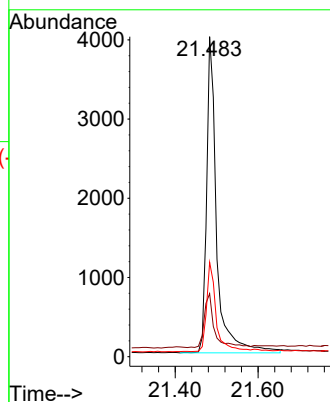
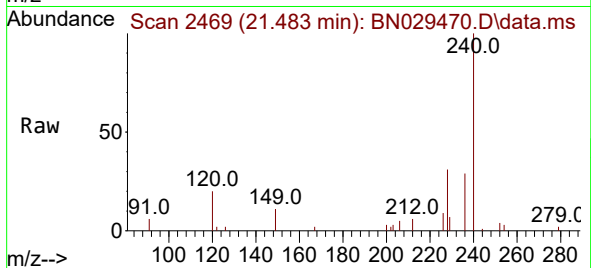
Tgt Ion:240 Resp: 6754

Ion Ratio Lower Upper

240 100

120 19.7 16.7 25.1

236 29.5 23.9 35.9



#30

Pyrene

Concen: 0.193 ng

RT: 19.717 min Scan# 2138

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

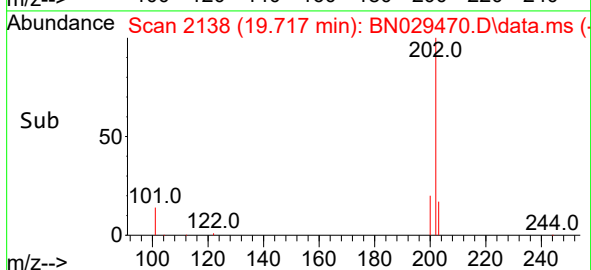
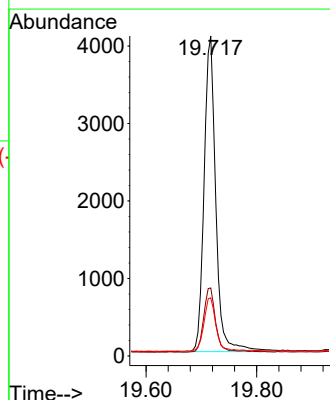
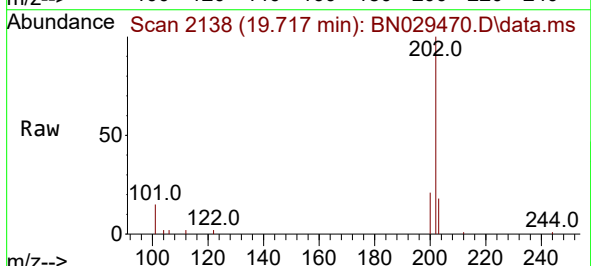
Tgt Ion:202 Resp: 6000

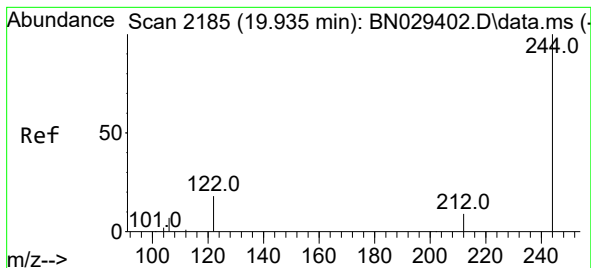
Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

203 17.4 14.2 21.4





#31

Terphenyl-d14

Concen: 0.341 ng

RT: 19.931 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

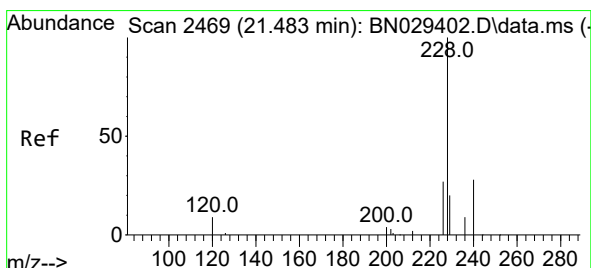
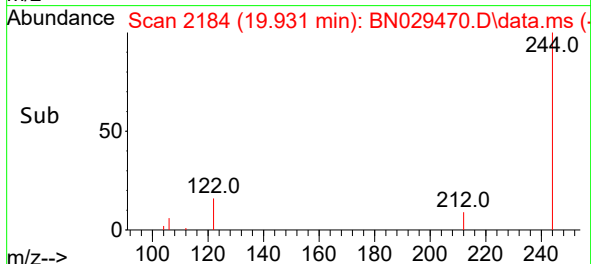
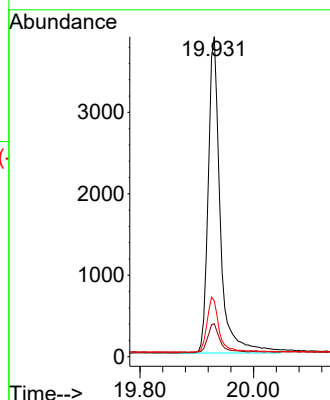
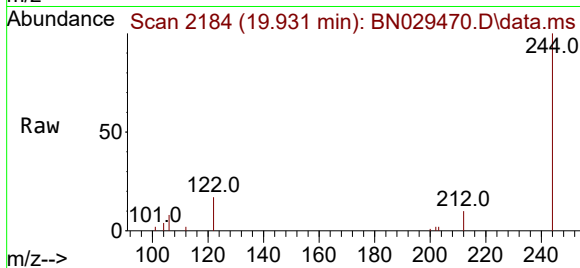
Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023

Tgt Ion:244	Resp:	5716
Ion Ratio	Lower	Upper
244	100	
212	10.3	8.2 12.4
122	17.4	15.6 23.4



#32

Benzo(a)anthracene

Concen: 0.193 ng

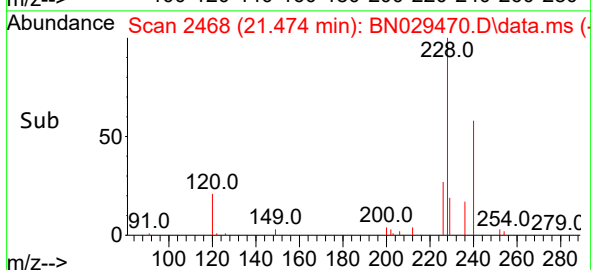
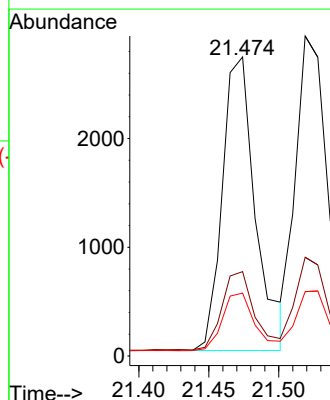
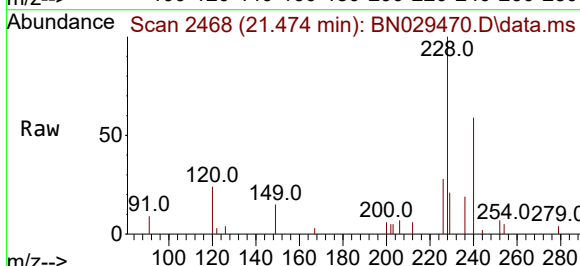
RT: 21.474 min Scan# 2468

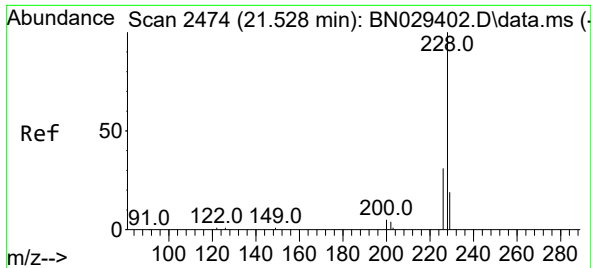
Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

Tgt Ion:228	Resp:	4459
Ion Ratio	Lower	Upper
228	100	
226	28.2	22.2 33.4
229	21.0	16.5 24.7





#33

Chrysene

Concen: 0.184 ng

RT: 21.519 min Scan# 2473

Delta R.T. -0.009 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023

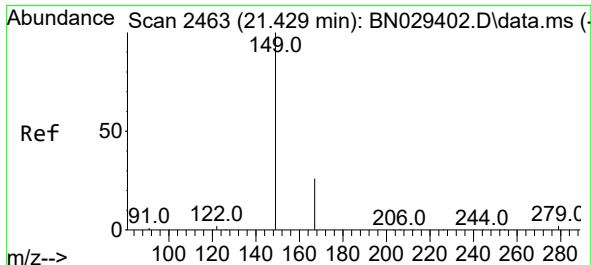
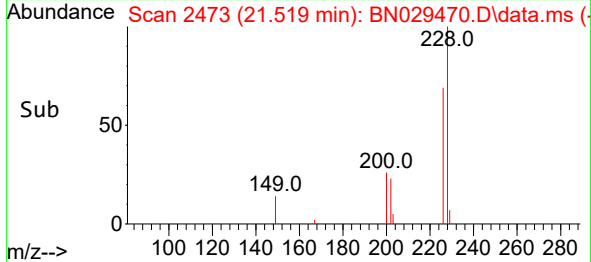
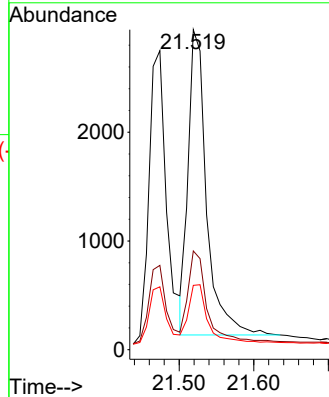
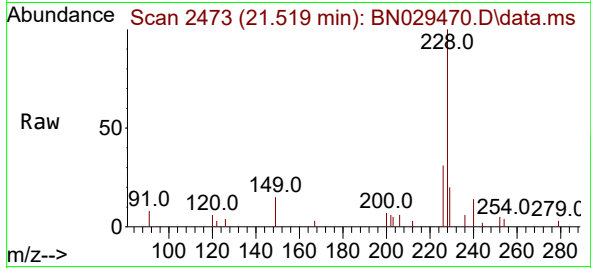
Tgt Ion:228 Resp: 4819

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

229 20.1 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.197 ng

RT: 21.420 min Scan# 2462

Delta R.T. 0.000 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

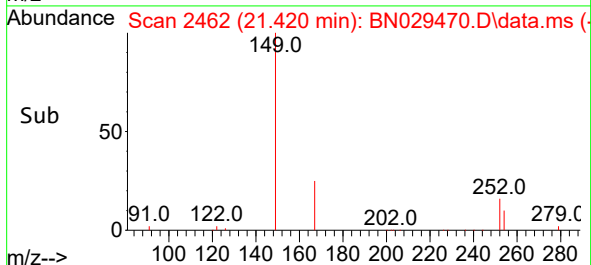
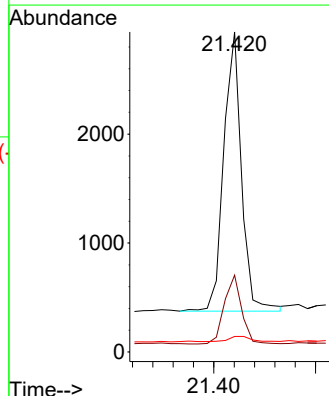
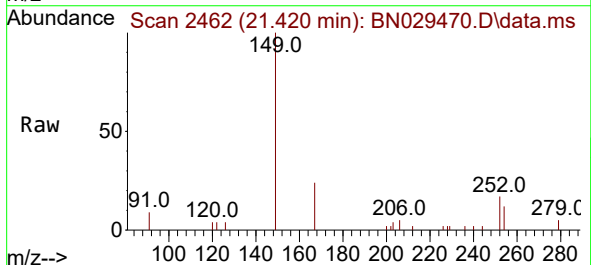
Tgt Ion:149 Resp: 3100

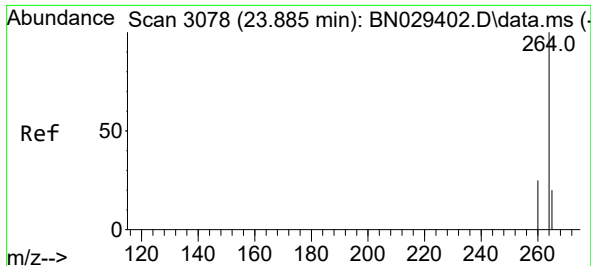
Ion Ratio Lower Upper

149 100

167 24.2 20.1 30.1

279 2.3 2.5 3.7#



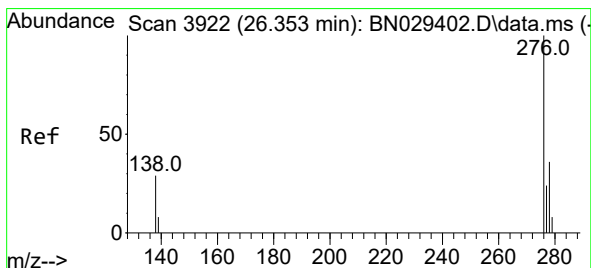
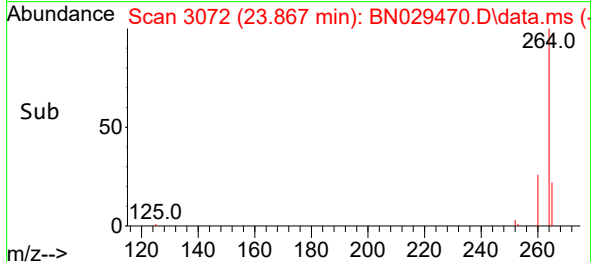
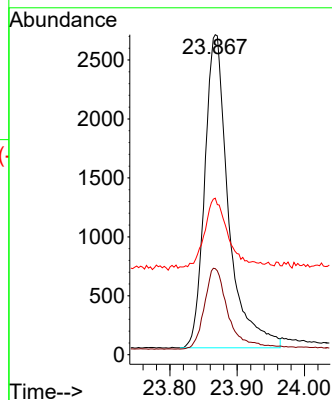
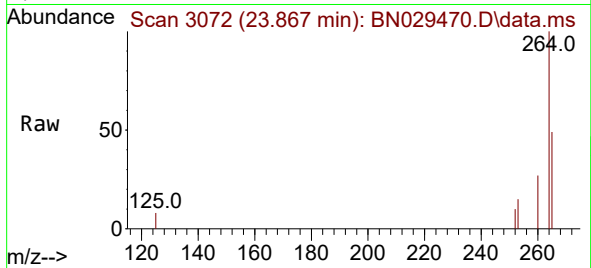


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.867 min Scan# 3072
Delta R.T. -0.003 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

Tgt Ion:264 Resp: 6550

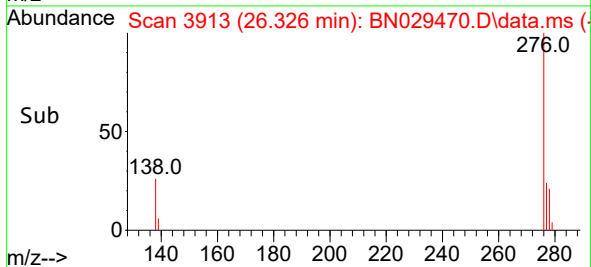
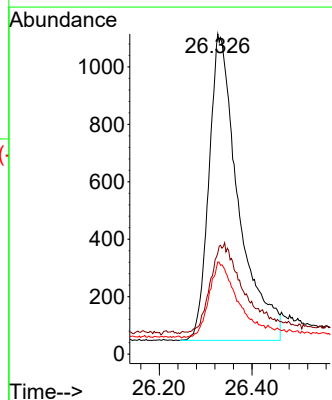
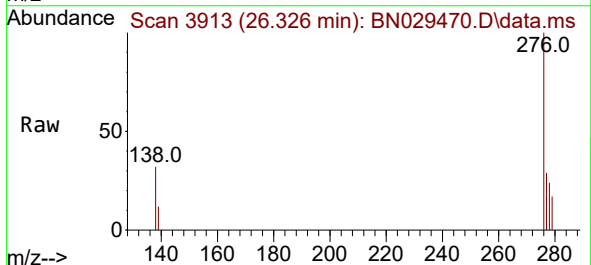
Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.2	31.8
265	48.9	41.5	62.3



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.179 ng
RT: 26.326 min Scan# 3913
Delta R.T. -0.009 min
Lab File: BN029470.D
Acq: 01 Feb 2024 04:23

Tgt Ion:276 Resp: 4705

Ion	Ratio	Lower	Upper
276	100		
138	11.8	20.5	30.7#
277	23.7	17.0	25.4





#37

Benzo(b)fluoranthene

Concen: 0.186 ng

RT: 23.145 min Scan# 2825

Delta R.T. -0.003 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

Instrument :

BN029470.D

ClientSampleId :

MDL-SOIL-03-QT4-2023

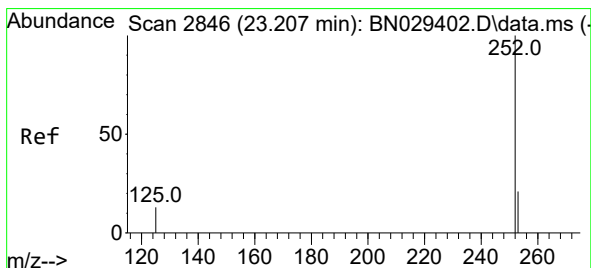
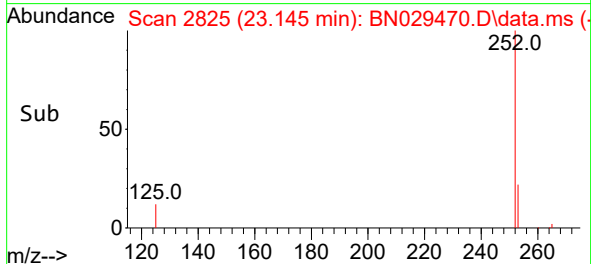
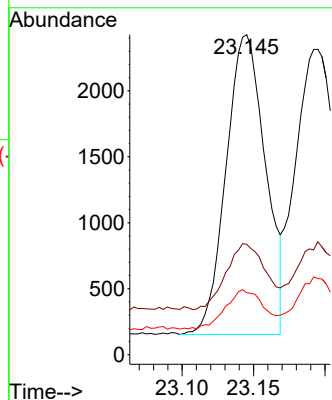
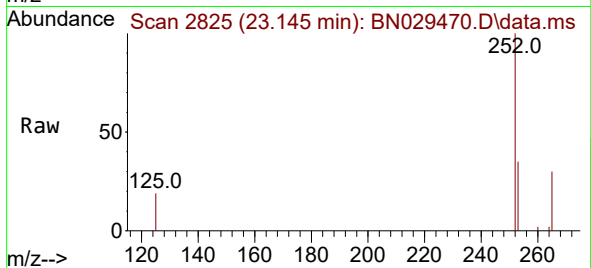
Tgt Ion:252 Resp: 4364

Ion Ratio Lower Upper

252 100

253 34.5 21.7 32.5#

125 19.3 13.3 19.9



#38

Benzo(k)fluoranthene

Concen: 0.180 ng

RT: 23.192 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

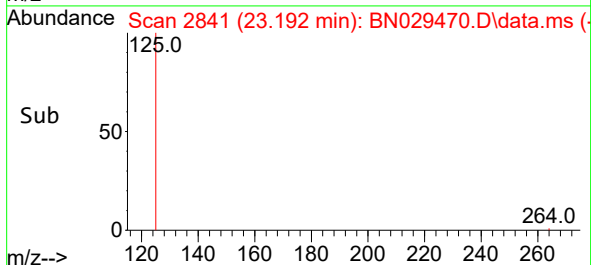
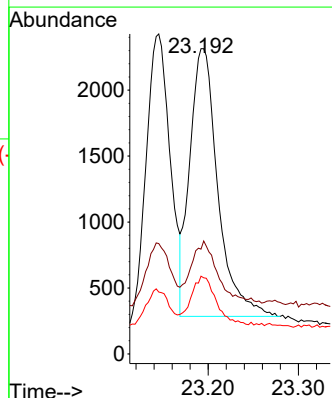
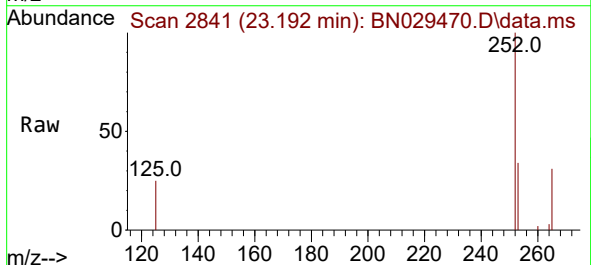
Tgt Ion:252 Resp: 4402

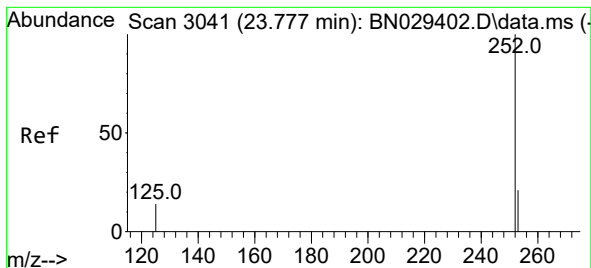
Ion Ratio Lower Upper

252 100

253 34.3 21.8 32.8#

125 25.5 13.9 20.9#





#39

Benzo(a)pyrene

Concen: 0.181 ng

RT: 23.762 min Scan# 3041

Delta R.T. -0.003 min

Lab File: BN029470.D

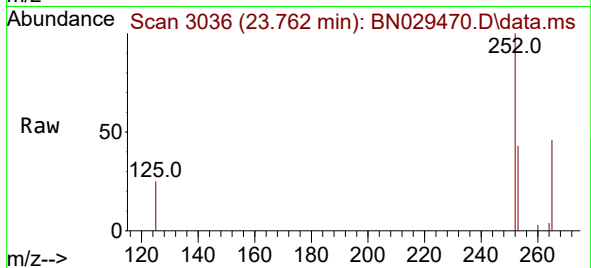
Acq: 01 Feb 2024 04:23

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023



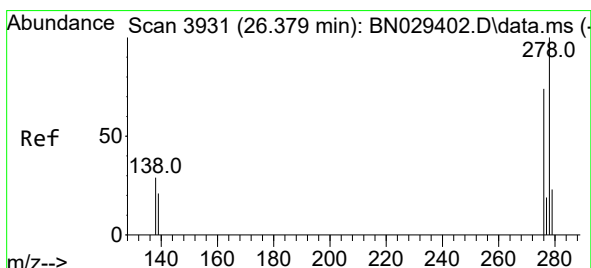
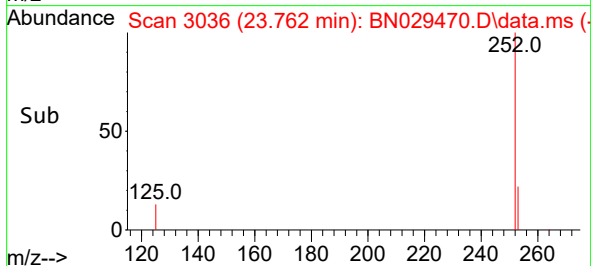
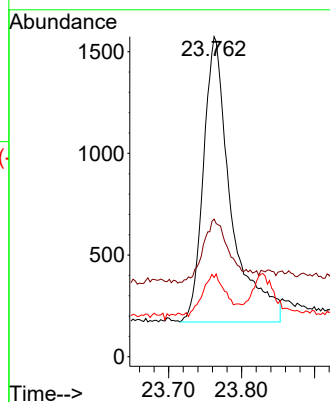
Tgt Ion:252 Resp: 3686

Ion Ratio Lower Upper

252 100

253 43.0 24.9 37.3#

125 24.8 16.6 25.0



#40

Dibenzo(a,h)anthracene

Concen: 0.174 ng

RT: 26.361 min Scan# 3925

Delta R.T. -0.003 min

Lab File: BN029470.D

Acq: 01 Feb 2024 04:23

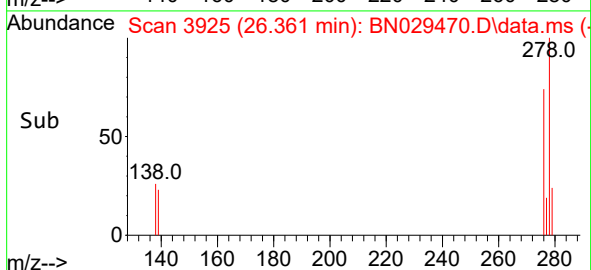
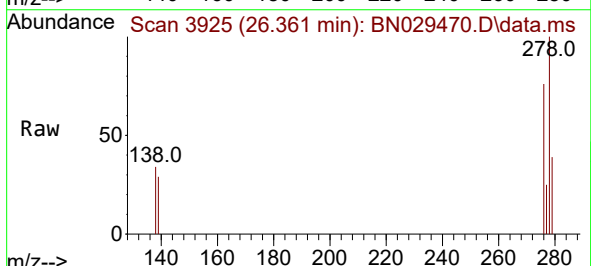
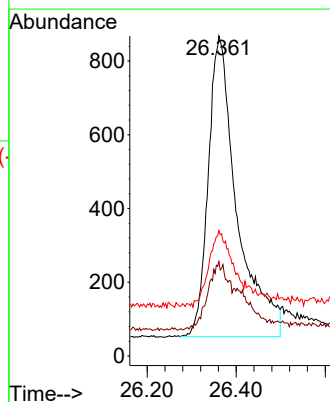
Tgt Ion:278 Resp: 3655

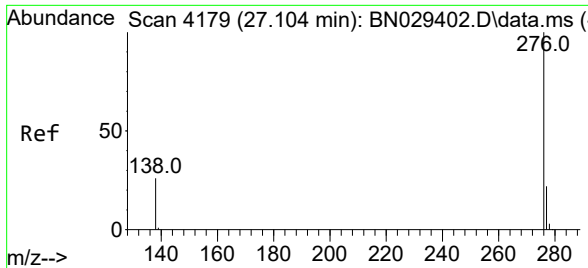
Ion Ratio Lower Upper

278 100

139 29.5 20.4 30.6

279 39.2 25.0 37.6#





#41

Benzo(g,h,i)perylene

Concen: 0.175 ng

RT: 27.083 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN029470.D

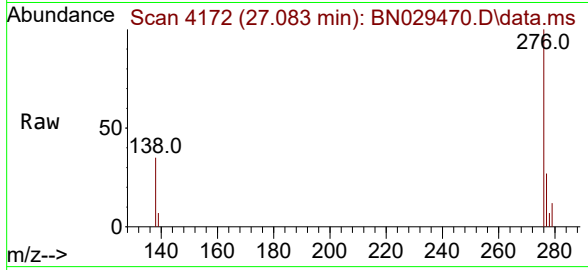
Acq: 01 Feb 2024 04:23

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023



Tgt Ion:276 Resp: 4456

Ion Ratio Lower Upper

276 100

277 27.0 19.4 29.2

138 34.7 23.5 35.3

