

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029413.D
 Acq On : 30 Jan 2024 14:10
 Operator : MA/JU
 Sample : 03572-01
 Misc : LOD-MDL-SOIL-0.2NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Quant Time: Jan 30 14:37:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 03:38:24 2024
 Response via : Initial Calibration

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

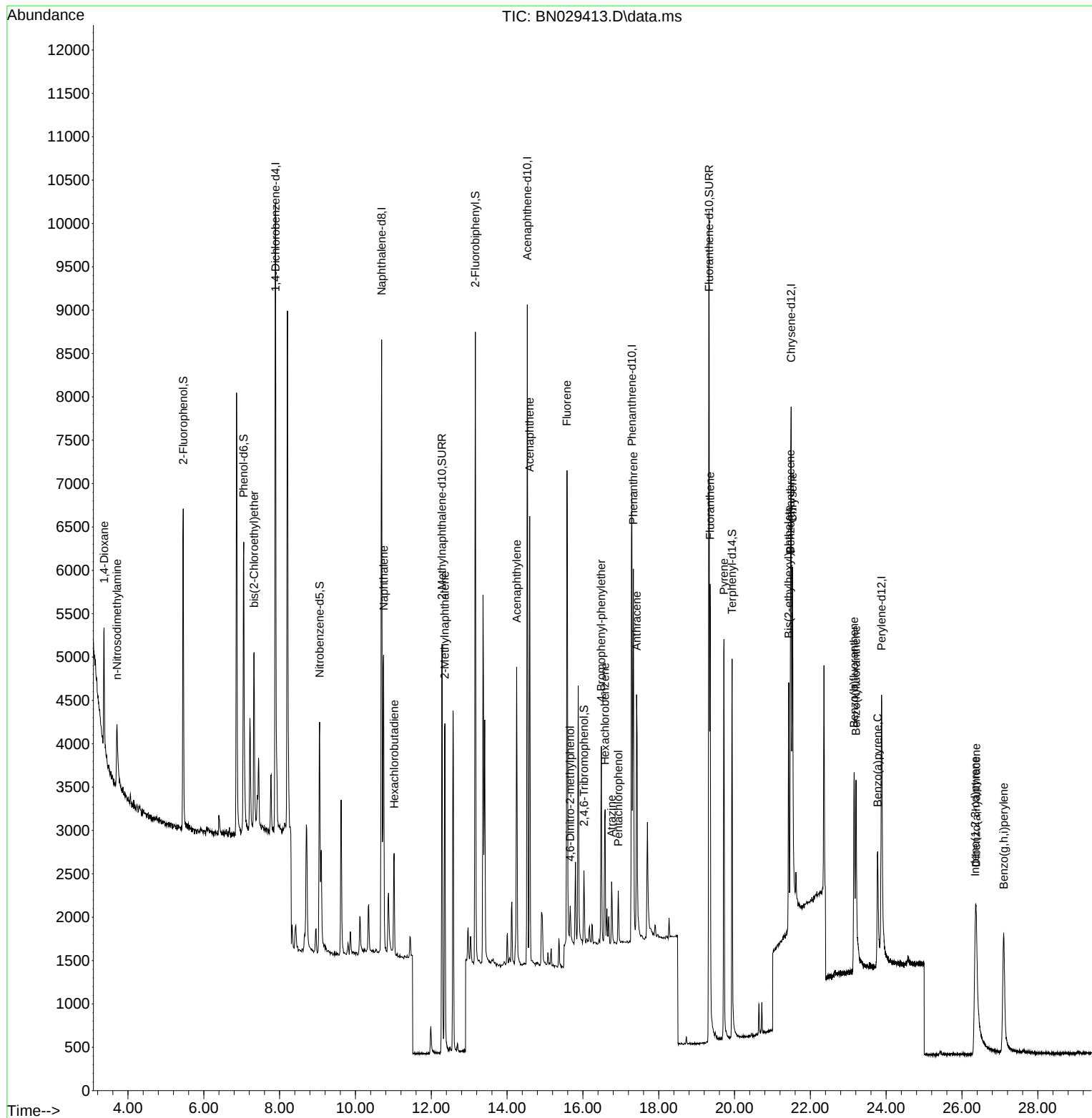
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.890	152	3592	0.400	ng	-0.01
7) Naphthalene-d8	10.690	136	9488	0.400	ng	-0.01
13) Acenaphthene-d10	14.532	164	4181	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	8314	0.400	ng	0.00
29) Chrysene-d12	21.492	240	5469	0.400	ng	0.00
35) Perylene-d12	23.879	264	5365	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	3072	0.356	ng	-0.01
5) Phenol-d6	7.053	99	3619	0.364	ng	-0.01
8) Nitrobenzene-d5	9.057	82	2755	0.349	ng	-0.01
11) 2-Methylnaphthalene-d10	12.284	152	6846	0.530	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	467	0.348	ng	-0.01
15) 2-Fluorobiphenyl	13.164	172	6392	0.356	ng	-0.01
27) Fluoranthene-d10	19.327	212	11318	0.562	ng	0.00
31) Terphenyl-d14	19.935	244	4724	0.348	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	1126	0.223	ng	98
3) n-Nitrosodimethylamine	3.709	42	771	0.187	ng	# 95
6) bis(2-Chloroethyl)ether	7.327	93	1763	0.186	ng	99
9) Naphthalene	10.744	128	4852	0.180	ng	97
10) Hexachlorobutadiene	11.021	225	936	0.183	ng	# 99
12) 2-Methylnaphthalene	12.359	142	2733	0.172	ng	97
16) Acenaphthylene	14.254	152	3819	0.192	ng	99
17) Acenaphthene	14.596	154	2398	0.180	ng	98
18) Fluorene	15.580	166	2960	0.177	ng	98
20) 4,6-Dinitro-2-methylph...	15.667	198	364	0.298	ng	87
21) 4-Bromophenyl-phenylether	16.486	248	874	0.177	ng	# 83
22) Hexachlorobenzene	16.585	284	1091	0.180	ng	98
23) Atrazine	16.759	200	618	0.176	ng	# 93
24) Pentachlorophenol	16.933	266	322	0.167	ng	99
25) Phenanthrene	17.330	178	4532	0.184	ng	98
26) Anthracene	17.417	178	3631	0.173	ng	99
28) Fluoranthene	19.354	202	4554	0.165	ng	99
30) Pyrene	19.721	202	4638	0.184	ng	99
32) Benzo(a)anthracene	21.474	228	3122	0.167	ng	97
33) Chrysene	21.528	228	3878	0.183	ng	98
34) Bis(2-ethylhexyl)phtha...	21.429	149	2239	0.176	ng	98
36) Indeno(1,2,3-cd)pyrene	26.349	276	3510	0.163	ng	# 83
37) Benzo(b)fluoranthene	23.157	252	3365	0.175	ng	# 87
38) Benzo(k)fluoranthene	23.204	252	3378	0.168	ng	# 85
39) Benzo(a)pyrene	23.774	252	2761	0.165	ng	# 79
40) Dibenzo(a,h)anthracene	26.376	278	2842	0.165	ng	# 89
41) Benzo(g,h,i)perylene	27.101	276	3702	0.177	ng	93

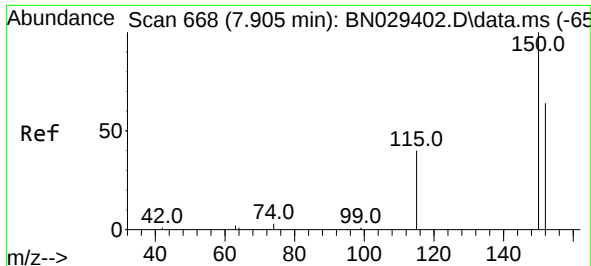
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029413.D
Acq On : 30 Jan 2024 14:10
Operator : MA/JU
Sample : 03572-01
Misc : LOD-MDL-SOIL-0.2NG
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

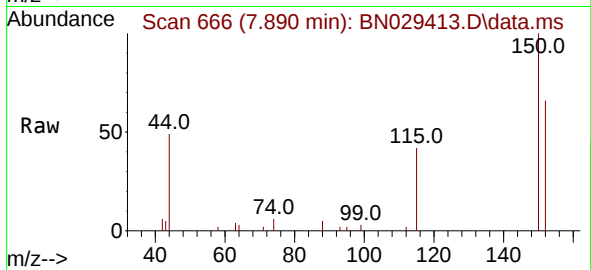
Quant Time: Jan 30 14:37:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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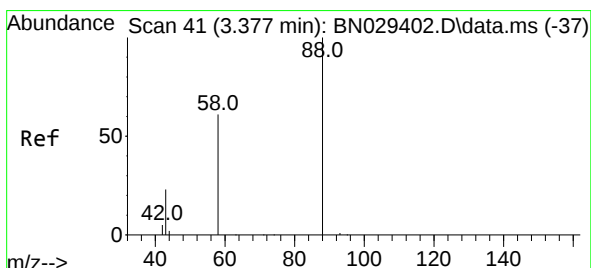
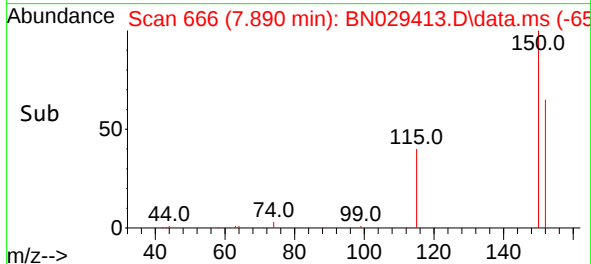
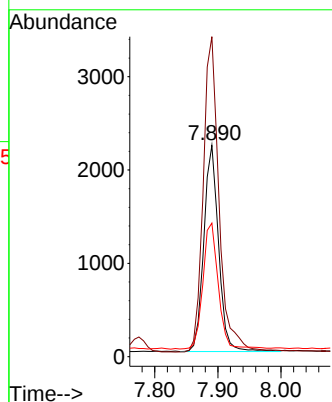
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.890 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN029413.D
 Acq: 30 Jan 2024 14:10

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:152 Resp: 3592

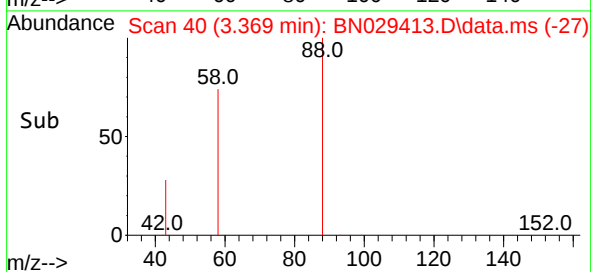
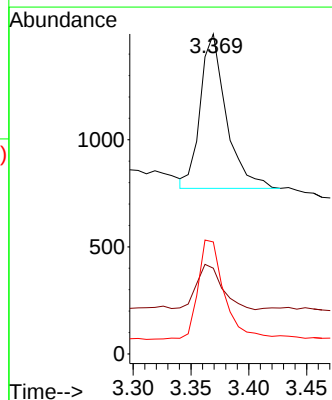
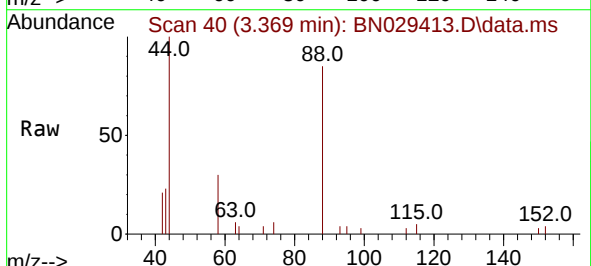
Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.0	184.4
115	63.2	51.4	77.0

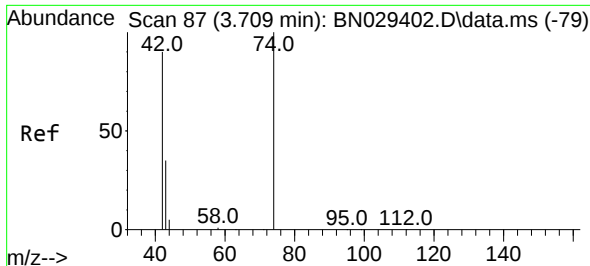


#2
 1,4-Dioxane
 Concen: 0.223 ng
 RT: 3.369 min Scan# 40
 Delta R.T. -0.007 min
 Lab File: BN029413.D
 Acq: 30 Jan 2024 14:10

Tgt Ion: 88 Resp: 1126

Ion	Ratio	Lower	Upper
88	100		
43	28.9	23.3	34.9
58	65.3	53.8	80.6

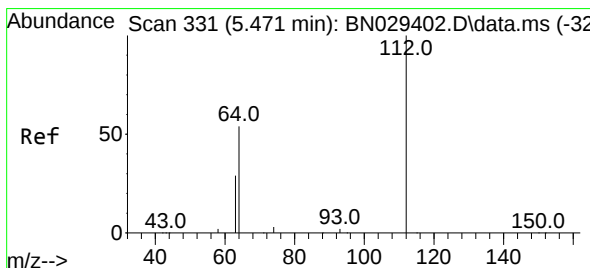
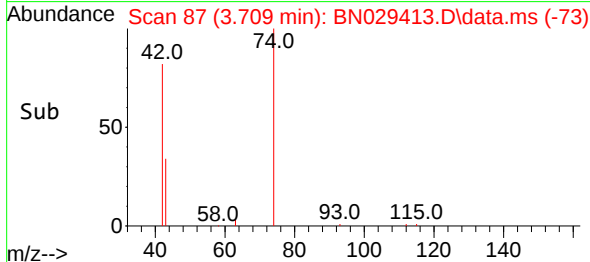
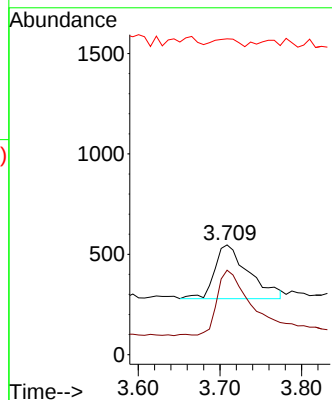
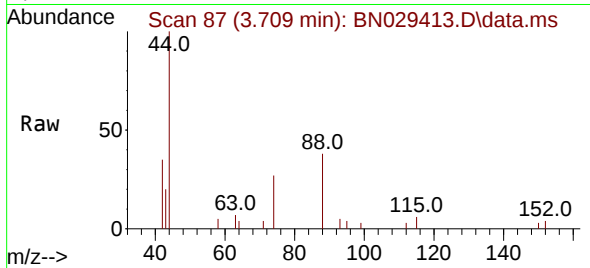




#3
 n-Nitrosodimethylamine
 Concen: 0.187 ng
 RT: 3.709 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BN029413.D
 Acq: 30 Jan 2024 14:10

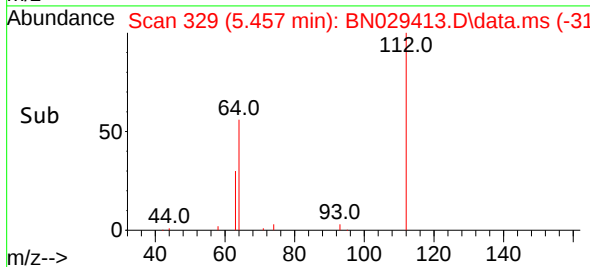
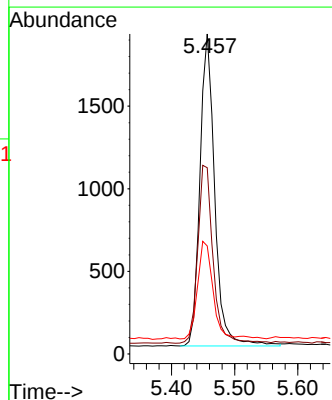
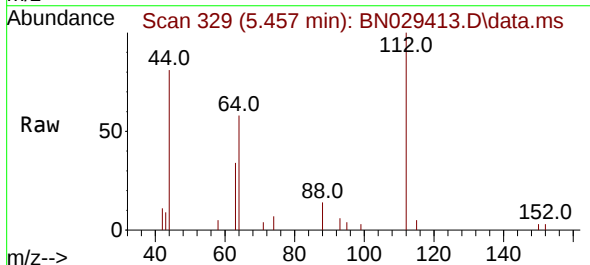
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

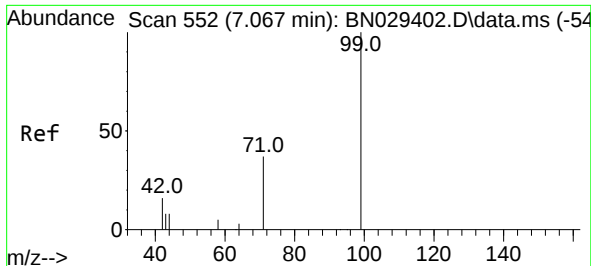
Tgt Ion: 42 Resp: 771
 Ion Ratio Lower Upper
 42 100
 74 121.4 93.7 140.5
 44 10.4 13.0 19.4#



#4
 2-Fluorophenol
 Concen: 0.356 ng
 RT: 5.457 min Scan# 329
 Delta R.T. -0.015 min
 Lab File: BN029413.D
 Acq: 30 Jan 2024 14:10

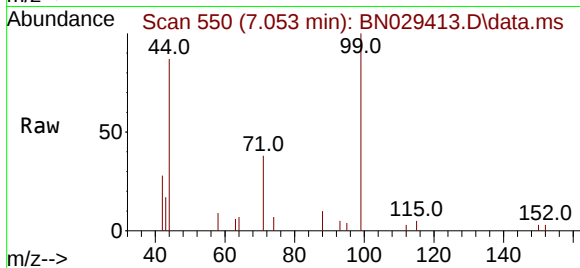
Tgt Ion: 112 Resp: 3072
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.2 70.8
 63 32.0 25.8 38.6



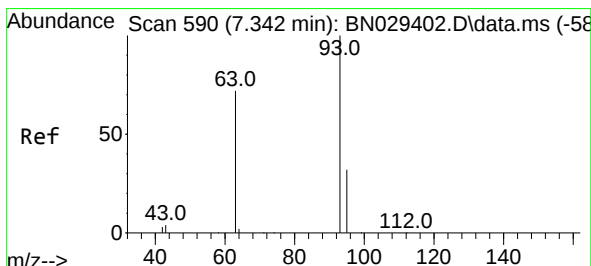
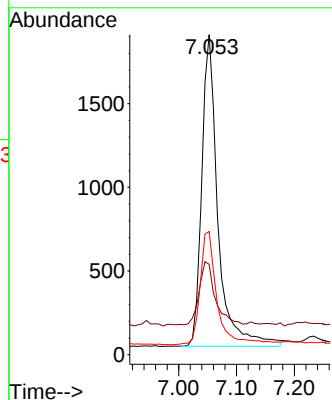
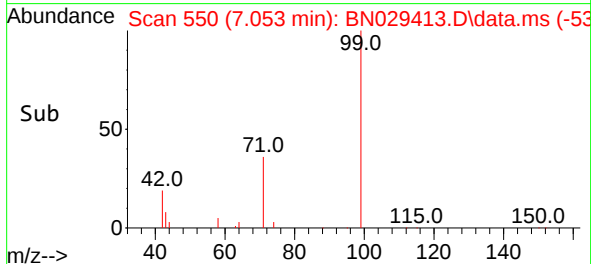


#5
Phenol-d6
Concen: 0.364 ng
RT: 7.053 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

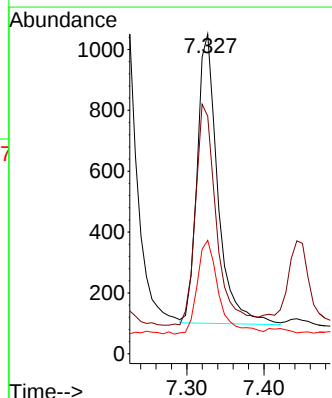
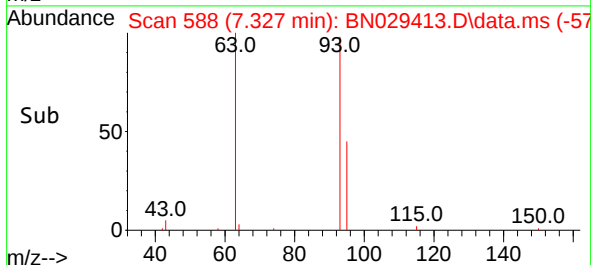
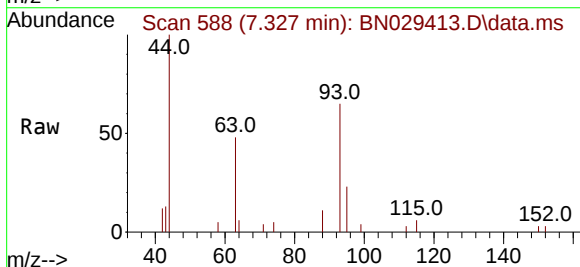


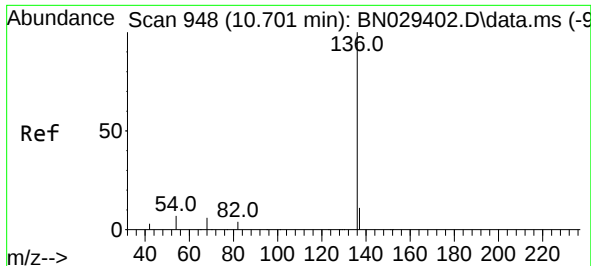
Tgt Ion: 99 Resp: 3619
Ion Ratio Lower Upper
99 100
42 20.4 16.9 25.3
71 38.1 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.186 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.015 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion: 93 Resp: 1763
Ion Ratio Lower Upper
93 100
63 78.0 63.1 94.7
95 33.8 27.1 40.7

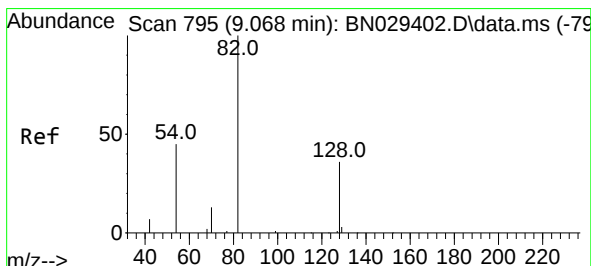
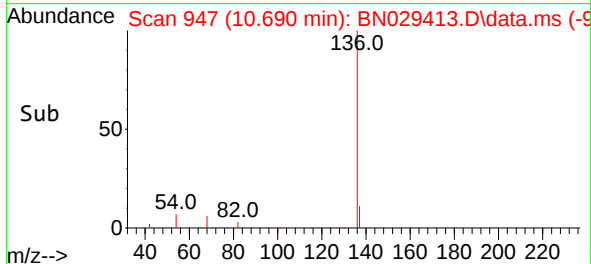
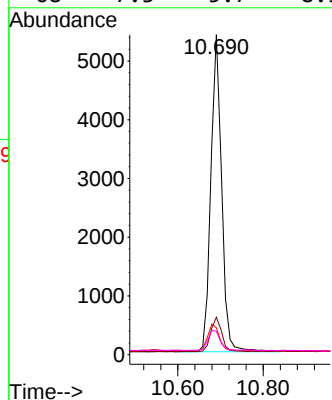
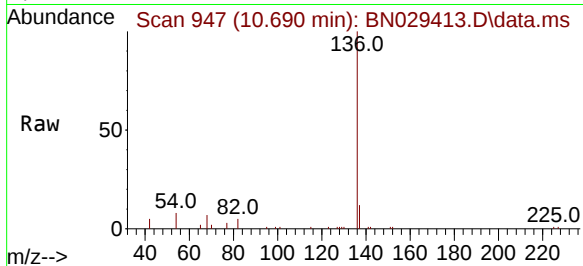




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

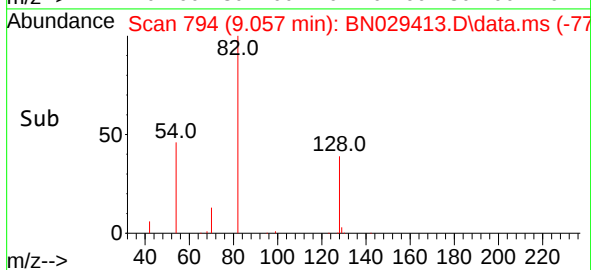
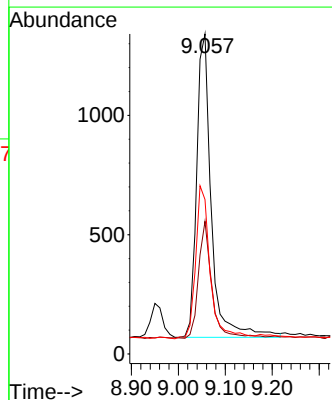
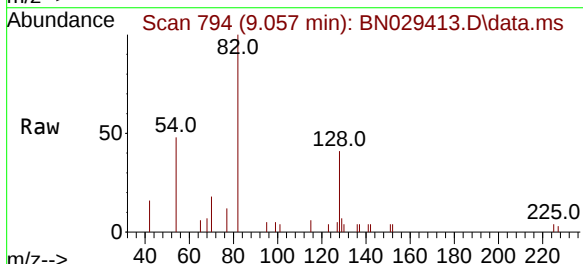
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

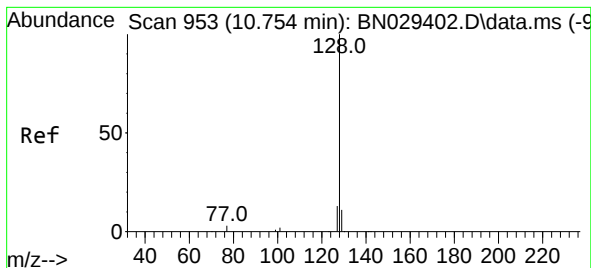
Tgt Ion:	136	Resp:	9488
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	8.4	6.6	10.0
68	7.3	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:	82	Resp:	2755
Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.6	47.4
54	48.2	38.2	57.4





#9

Naphthalene

Concen: 0.180 ng

RT: 10.744 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

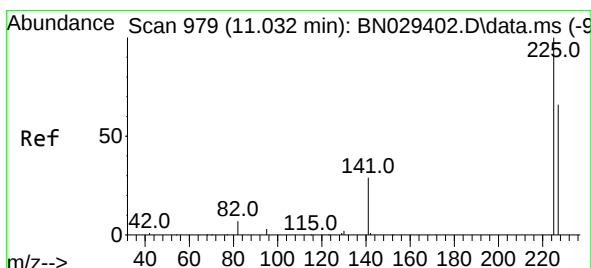
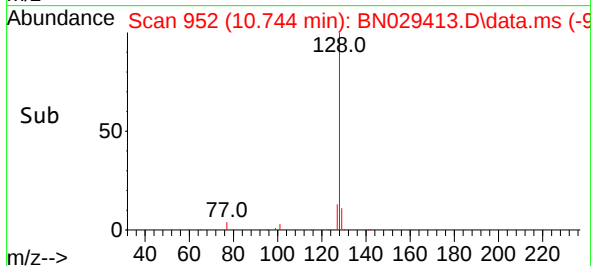
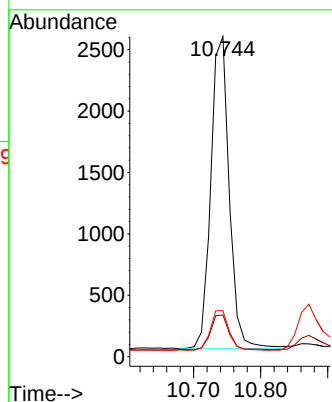
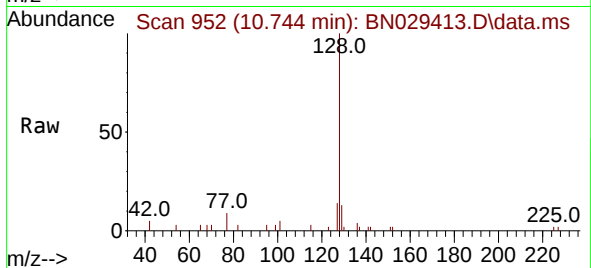
Tgt Ion:128 Resp: 4852

Ion Ratio Lower Upper

128 100

129 13.0 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. -0.011 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

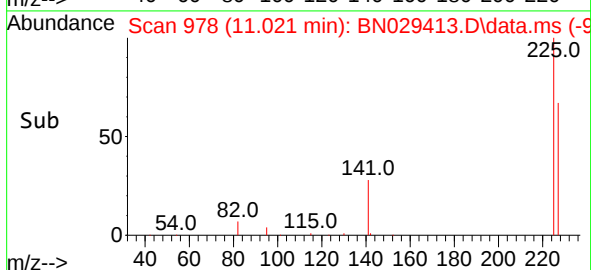
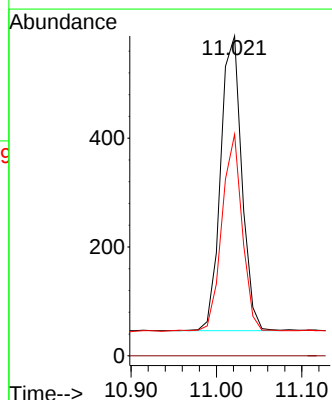
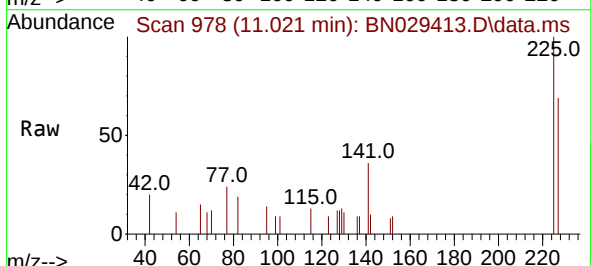
Tgt Ion:225 Resp: 936

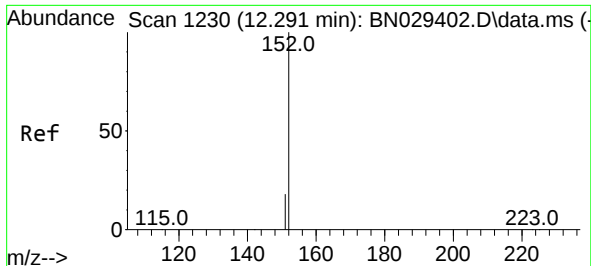
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.1 51.1 76.7

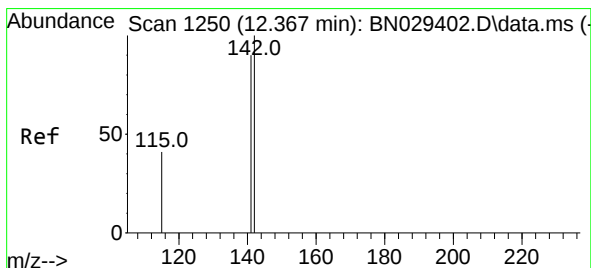
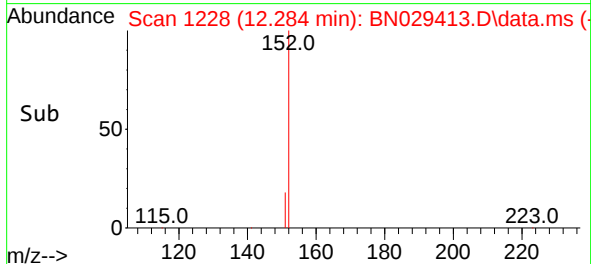
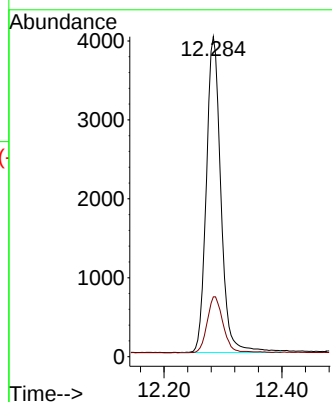
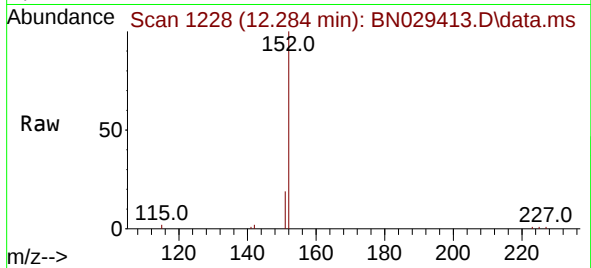




#11
2-Methylnaphthalene-d10
Concen: 0.530 ng
RT: 12.284 min Scan# 1228
Delta R.T. -0.008 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

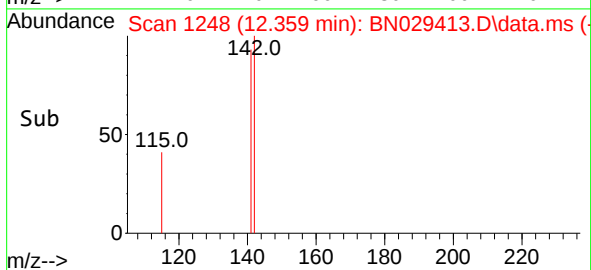
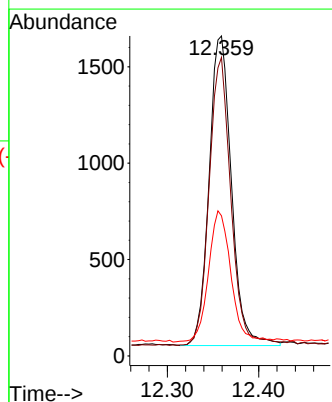
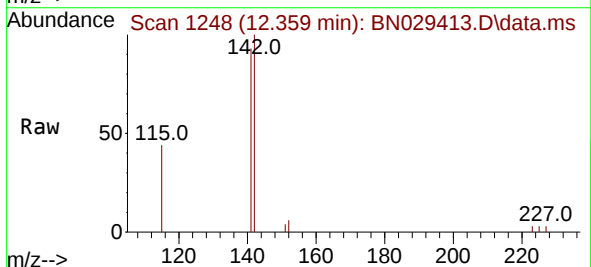
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

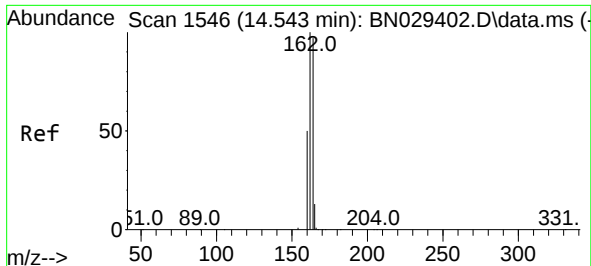
Tgt Ion:152 Resp: 6846
Ion Ratio Lower Upper
152 100
151 19.3 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.172 ng
RT: 12.359 min Scan# 1248
Delta R.T. -0.008 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:142 Resp: 2733
Ion Ratio Lower Upper
142 100
141 93.3 71.9 107.9
115 43.8 33.9 50.9

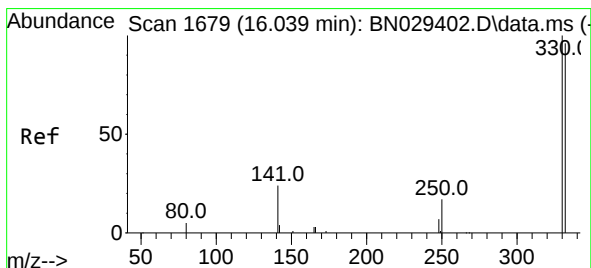
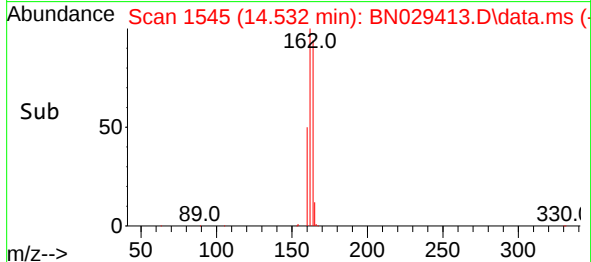
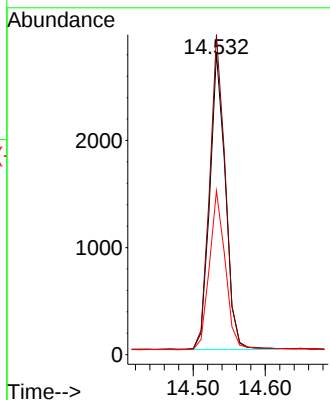
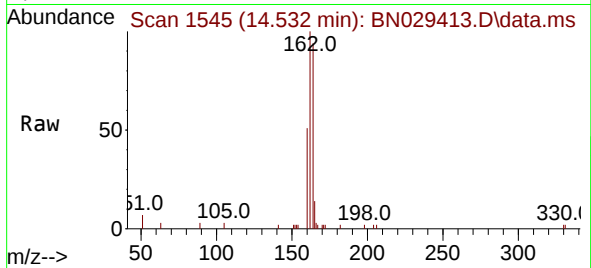




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.532 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN029413.D
 Acq: 30 Jan 2024 14:10

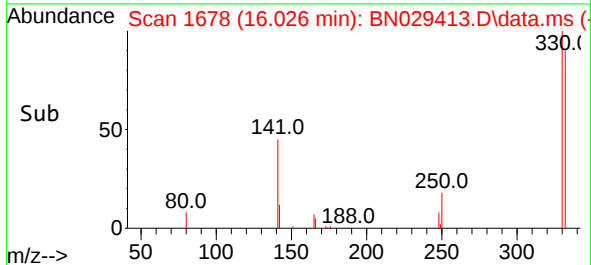
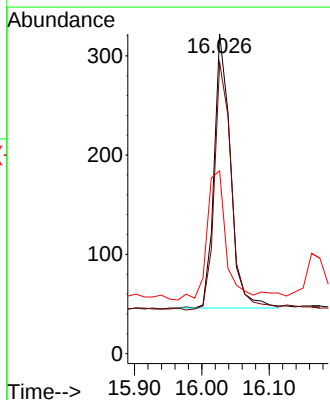
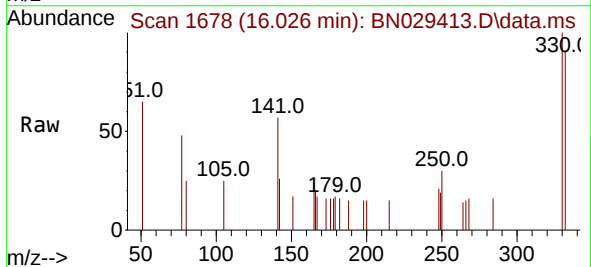
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

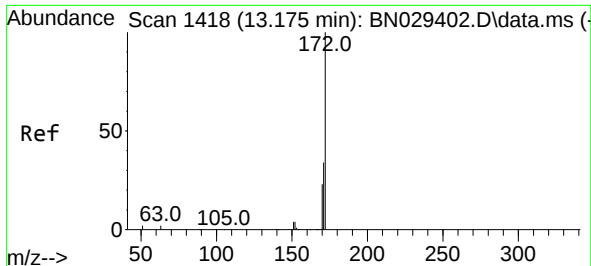
Tgt Ion:164	Resp:	4181
Ion	Ratio	Lower Upper
164	100	
162	106.1	82.6 123.8
160	54.3	41.5 62.3



#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 16.026 min Scan# 1678
 Delta R.T. -0.013 min
 Lab File: BN029413.D
 Acq: 30 Jan 2024 14:10

Tgt Ion:330	Resp:	467
Ion	Ratio	Lower Upper
330	100	
332	95.1	76.0 114.0
141	54.8	43.4 65.2

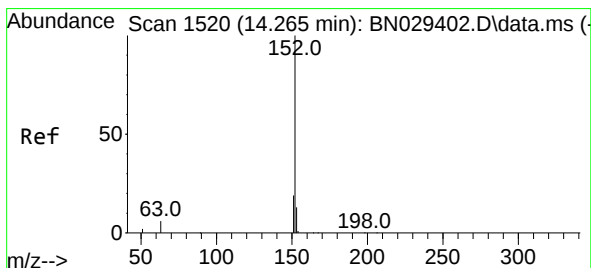
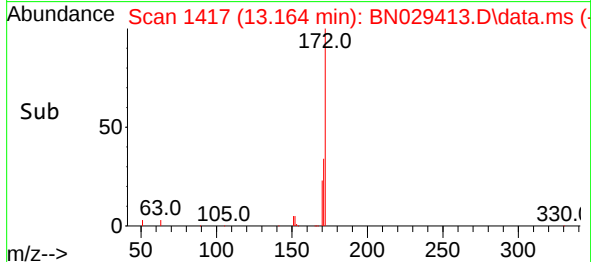
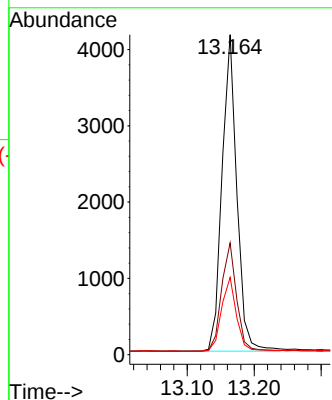
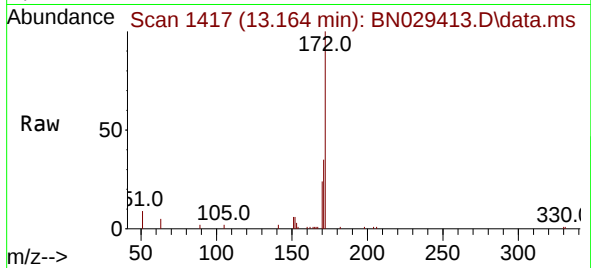




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.164 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

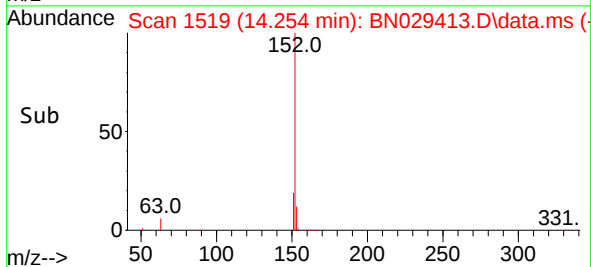
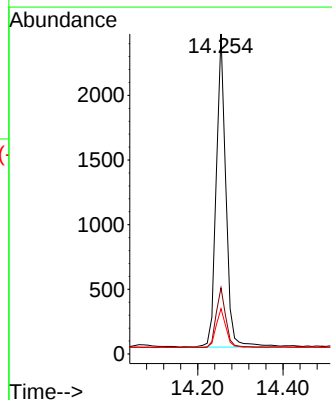
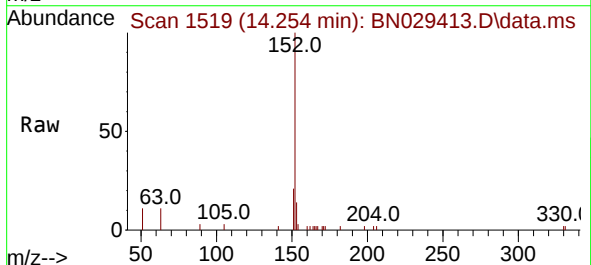
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

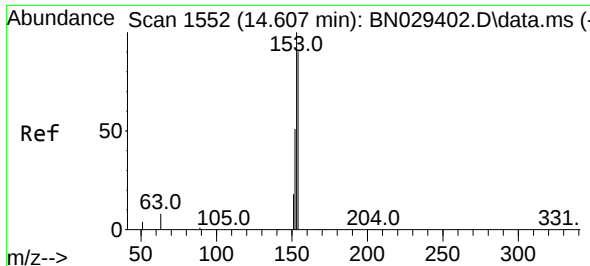
Tgt Ion:172 Resp: 6392
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 24.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.192 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.011 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:152 Resp: 3819
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.9 10.5 15.7

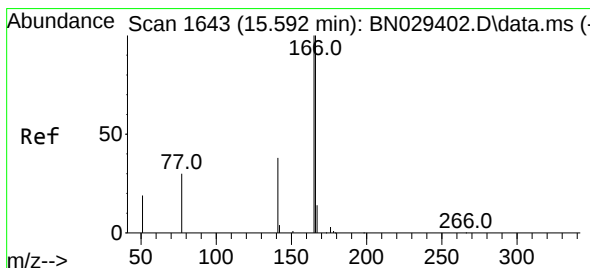
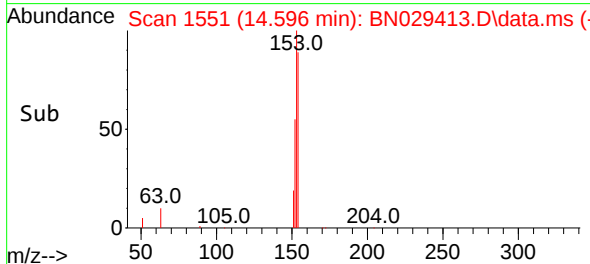
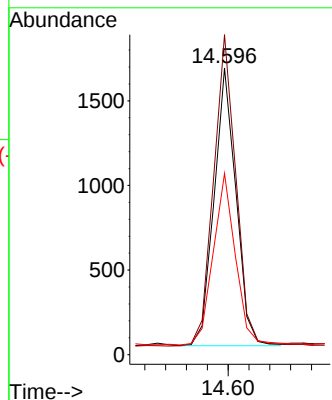
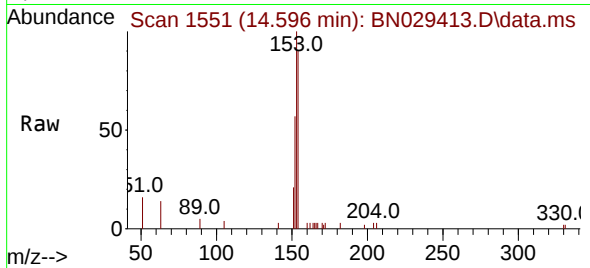




#17
Acenaphthene
Concen: 0.180 ng
RT: 14.596 min Scan# 1551
Delta R.T. -0.011 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

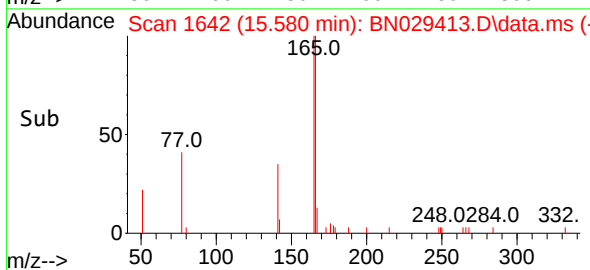
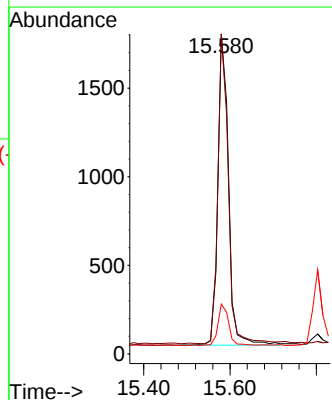
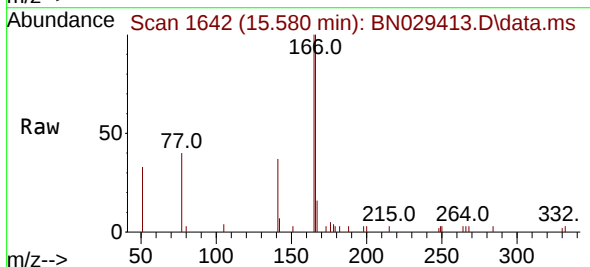
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

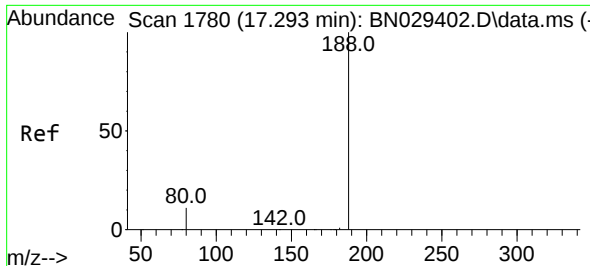
Tgt Ion:154 Resp: 2398
Ion Ratio Lower Upper
154 100
153 114.6 93.6 140.4
152 62.9 48.6 73.0



#18
Fluorene
Concen: 0.177 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.013 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:166 Resp: 2960
Ion Ratio Lower Upper
166 100
165 98.1 79.9 119.9
167 14.0 11.3 16.9

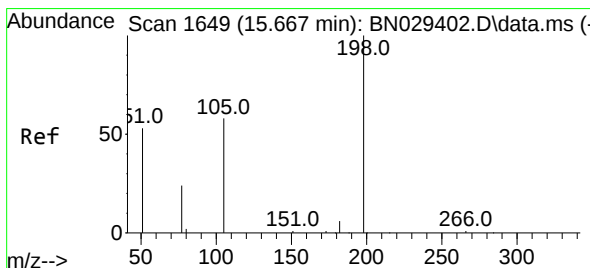
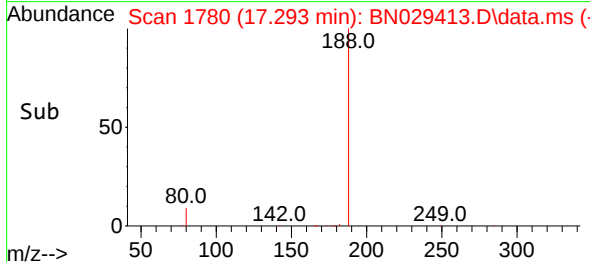
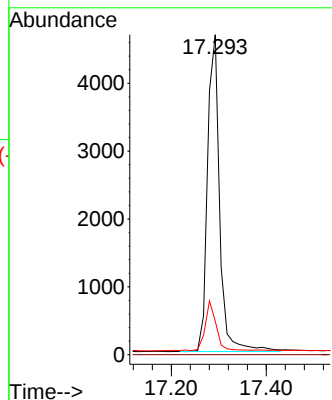
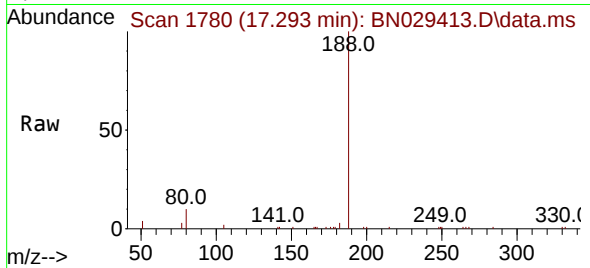




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

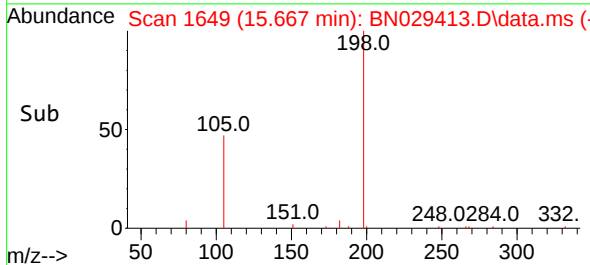
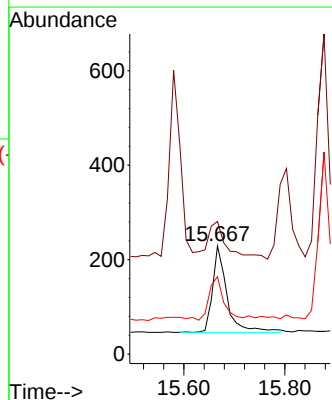
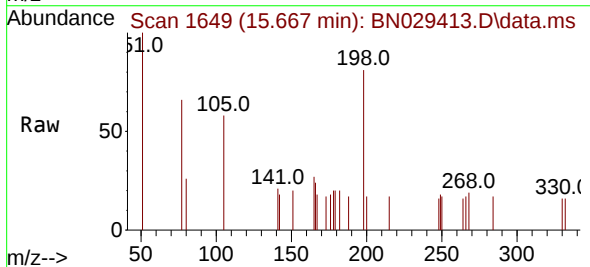
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

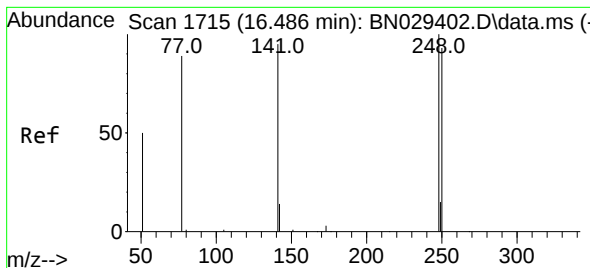
Tgt Ion:188 Resp: 8314
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 10.0 15.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.298 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:198 Resp: 364
Ion Ratio Lower Upper
198 100
51 122.7 111.0 166.6
105 71.6 67.0 100.6

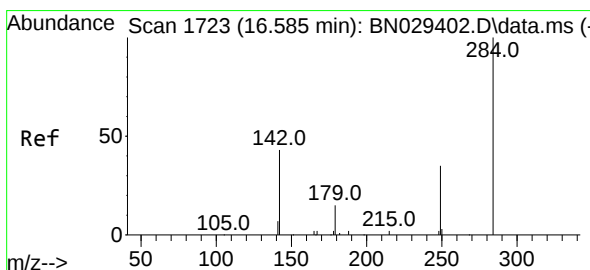
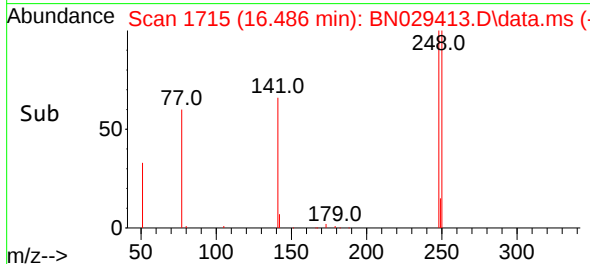
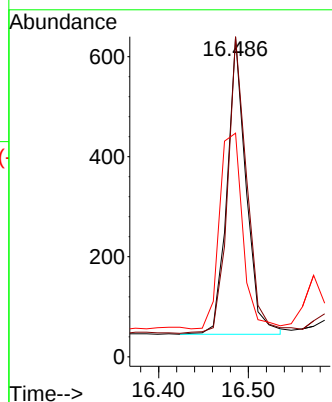
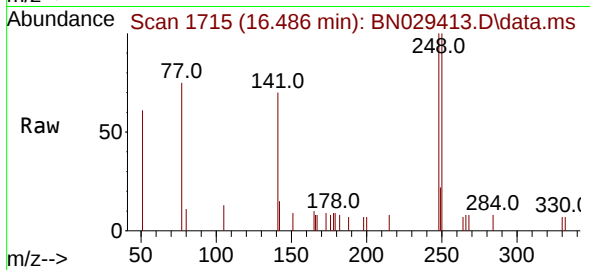




#21
4-Bromophenyl-phenylether
Concen: 0.177 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

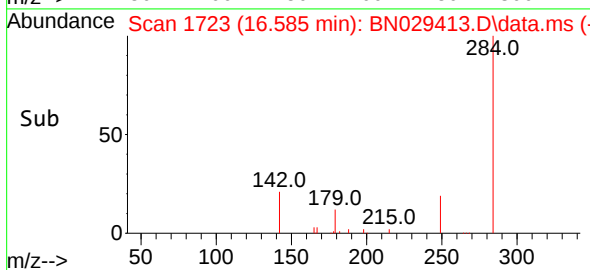
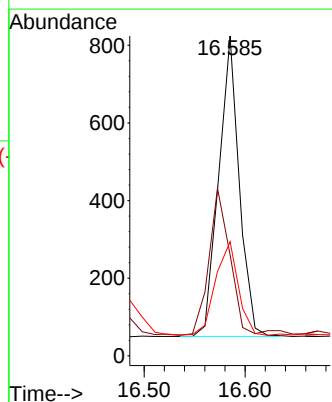
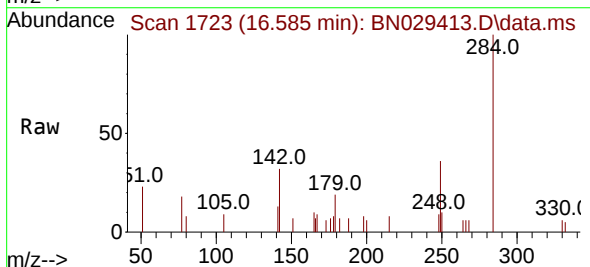
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

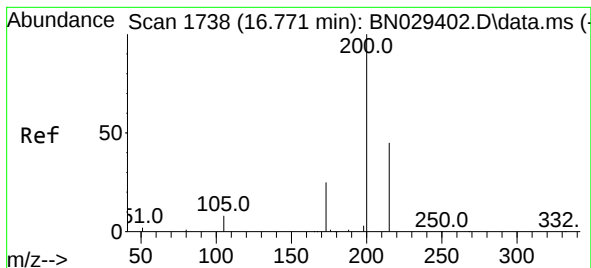
Tgt Ion:248 Resp: 874
Ion Ratio Lower Upper
248 100
250 100.2 75.0 112.4
141 70.0 77.0 115.6#



#22
Hexachlorobenzene
Concen: 0.180 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:284 Resp: 1091
Ion Ratio Lower Upper
284 100
142 50.4 39.4 59.2
249 34.6 26.9 40.3





#23

Atrazine

Concen: 0.176 ng

RT: 16.759 min Scan# 1737

Delta R.T. -0.013 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

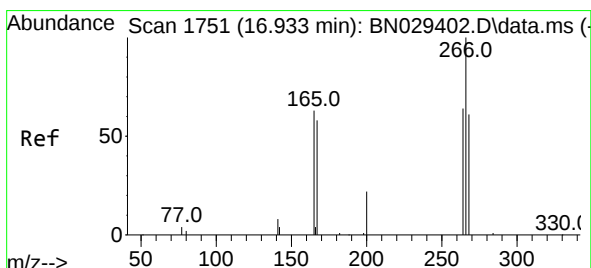
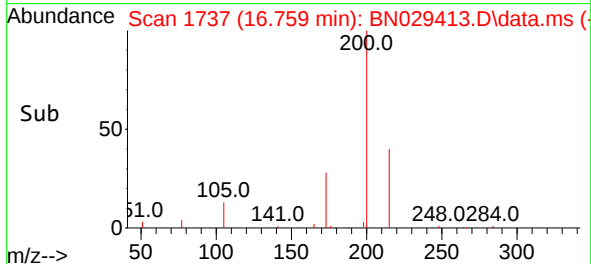
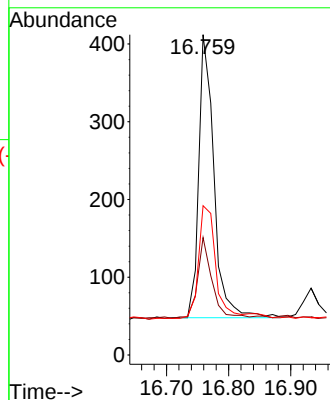
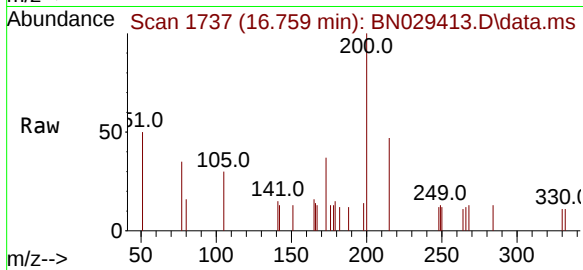
Tgt Ion:200 Resp: 618

Ion Ratio Lower Upper

200 100

173 36.7 23.4 35.0#

215 46.6 38.4 57.6



#24

Pentachlorophenol

Concen: 0.167 ng

RT: 16.933 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

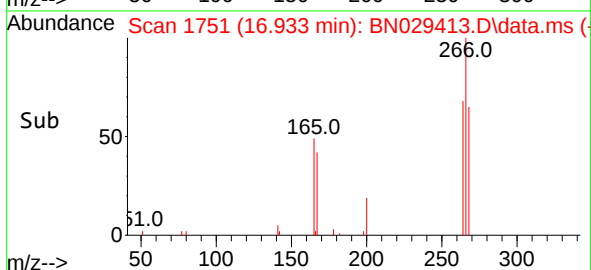
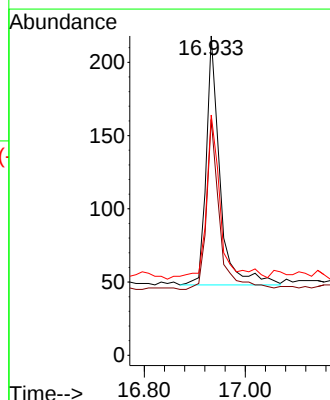
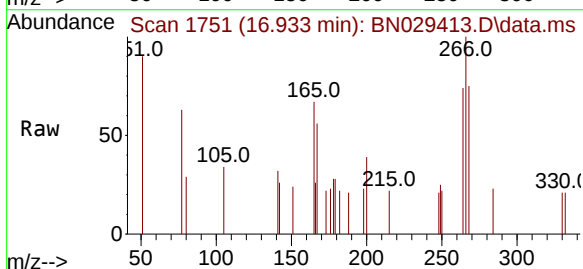
Tgt Ion:266 Resp: 322

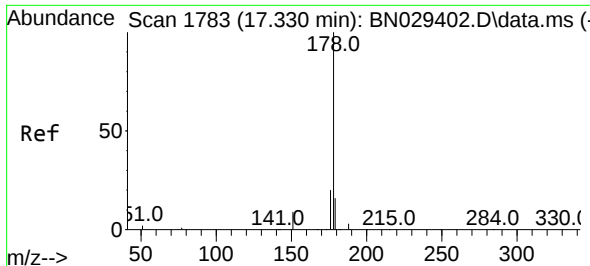
Ion Ratio Lower Upper

266 100

264 64.0 50.8 76.2

268 63.7 51.5 77.3

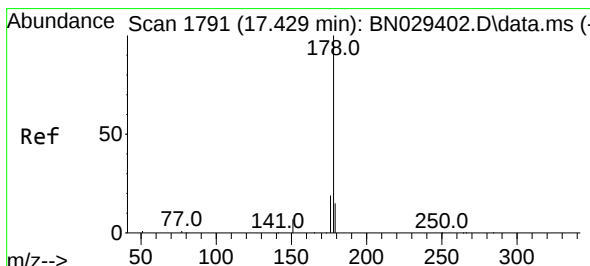
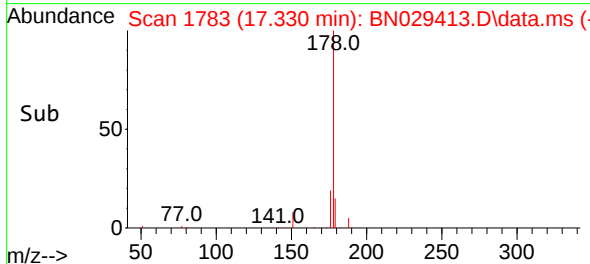
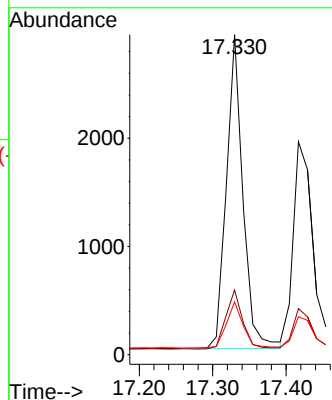
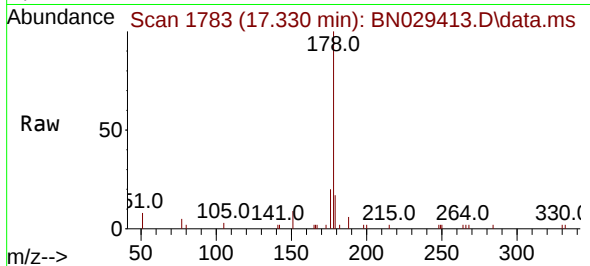




#25
Phenanthrene
Concen: 0.184 ng
RT: 17.330 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

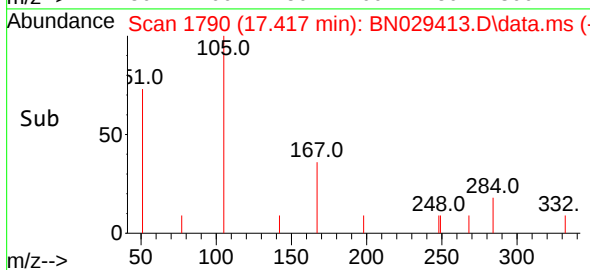
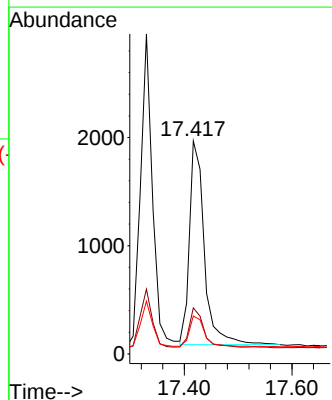
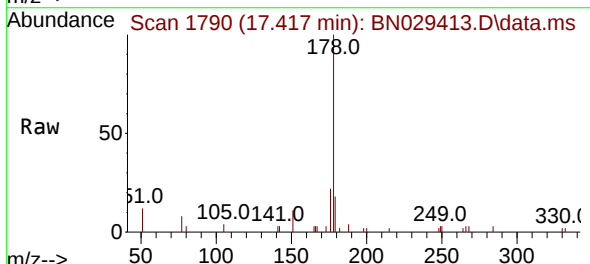
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

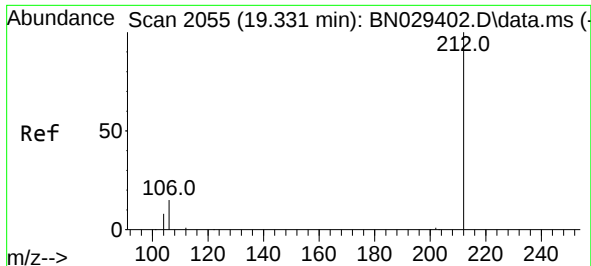
Tgt Ion:178 Resp: 4532
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.0 12.6 19.0



#26
Anthracene
Concen: 0.173 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.013 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:178 Resp: 3631
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 15.3 12.3 18.5

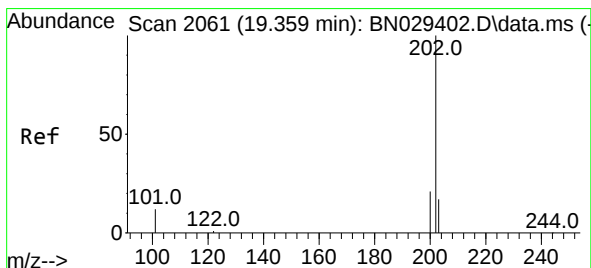
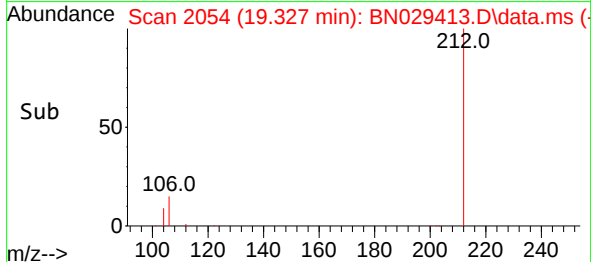
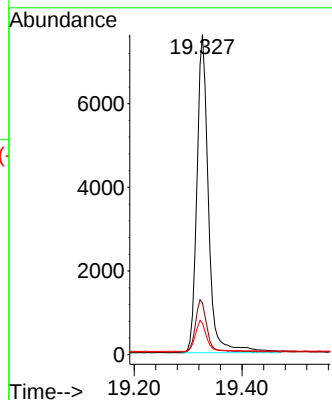
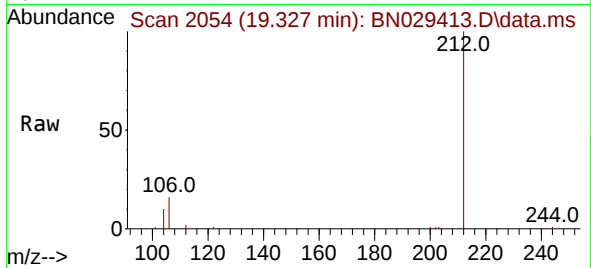




#27
Fluoranthene-d10
Concen: 0.562 ng
RT: 19.327 min Scan# 2054
Delta R.T. -0.005 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

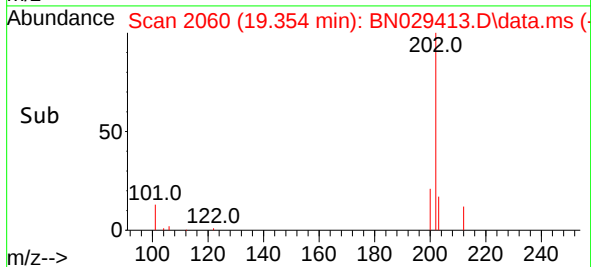
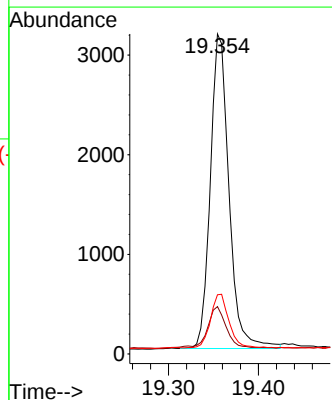
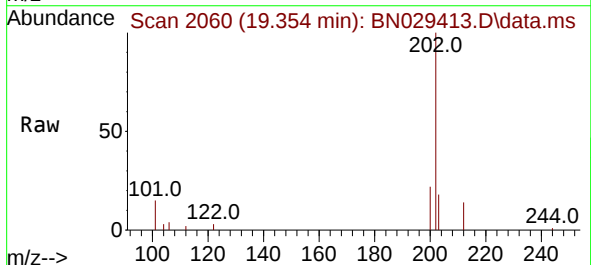
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

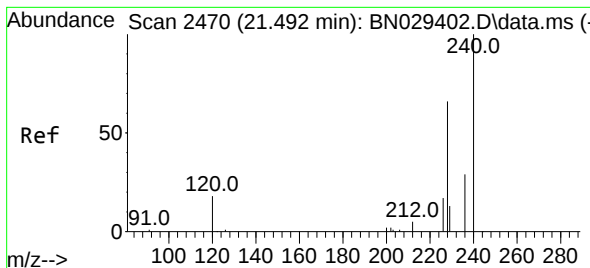
Tgt Ion:212 Resp: 11318
Ion Ratio Lower Upper
212 100
106 16.1 13.2 19.8
104 9.4 7.7 11.5



#28
Fluoranthene
Concen: 0.165 ng
RT: 19.354 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:202 Resp: 4554
Ion Ratio Lower Upper
202 100
101 13.9 10.5 15.7
203 16.8 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.492 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

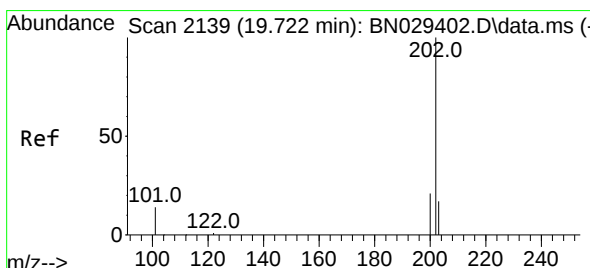
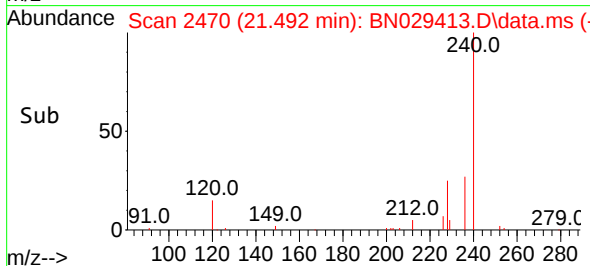
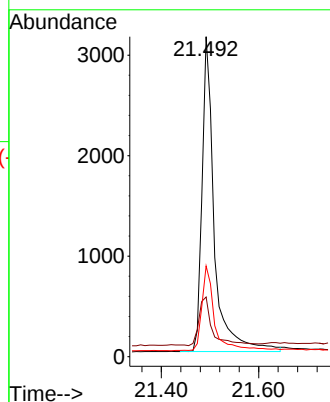
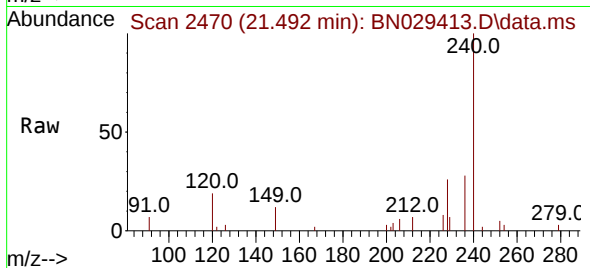
Tgt Ion:240 Resp: 5469

Ion Ratio Lower Upper

240 100

120 18.7 16.7 25.1

236 28.3 23.9 35.9



#30

Pyrene

Concen: 0.184 ng

RT: 19.721 min Scan# 2139

Delta R.T. -0.000 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

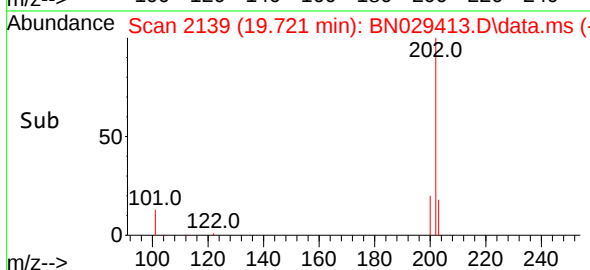
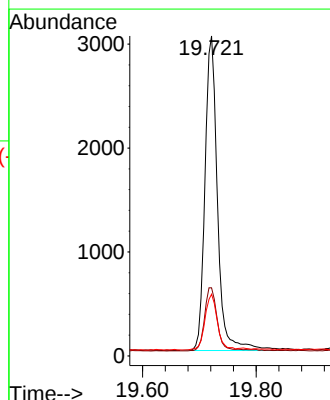
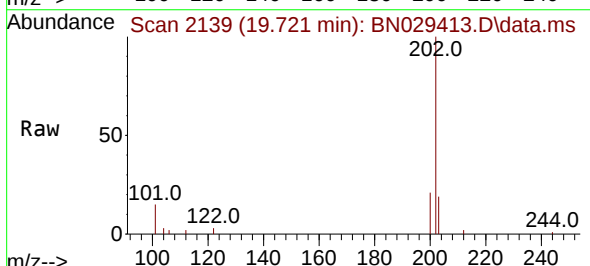
Tgt Ion:202 Resp: 4638

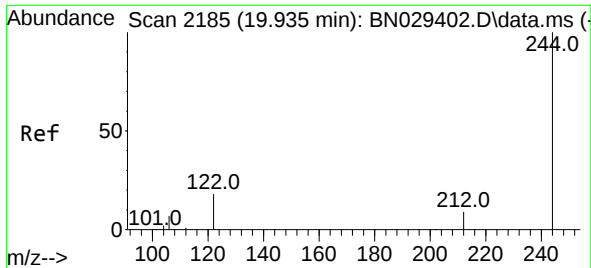
Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

203 17.4 14.2 21.4

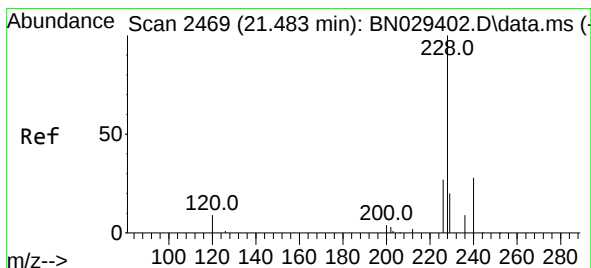
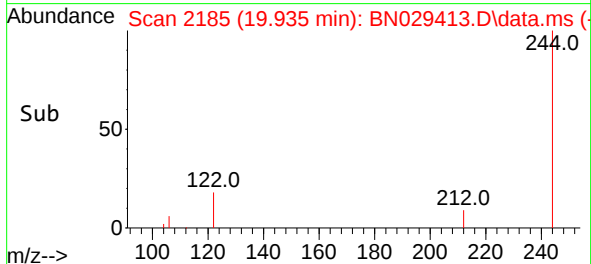
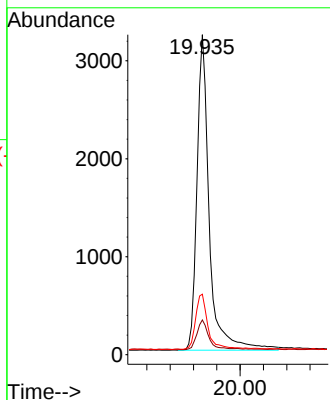
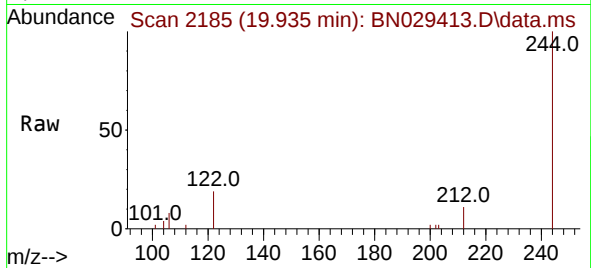




#31
Terphenyl-d14
Concen: 0.348 ng
RT: 19.935 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

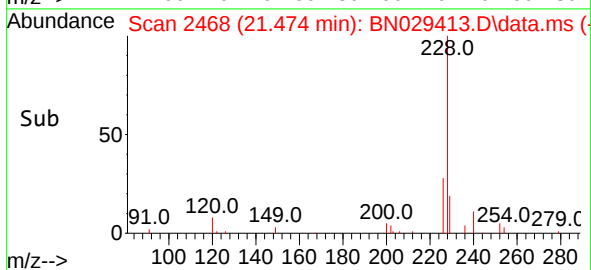
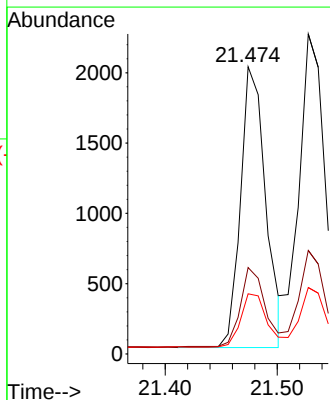
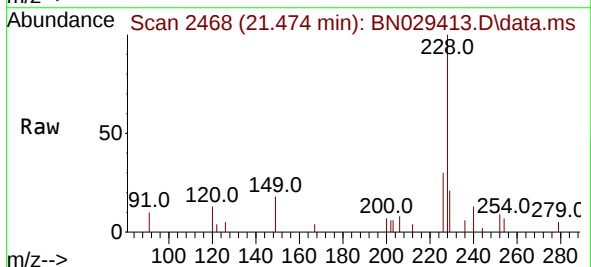
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

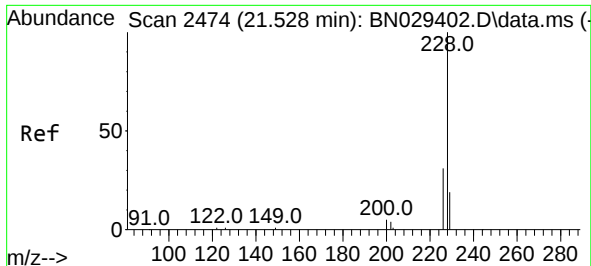
Tgt Ion:244	Resp:	4724
Ion Ratio	Lower	Upper
244	100	
212	10.9	8.2 12.4
122	18.9	15.6 23.4



#32
Benzo(a)anthracene
Concen: 0.167 ng
RT: 21.474 min Scan# 2468
Delta R.T. -0.009 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:228	Resp:	3122
Ion Ratio	Lower	Upper
228	100	
226	30.1	22.2 33.4
229	20.9	16.5 24.7





#33

Chrysene

Concen: 0.183 ng

RT: 21.528 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

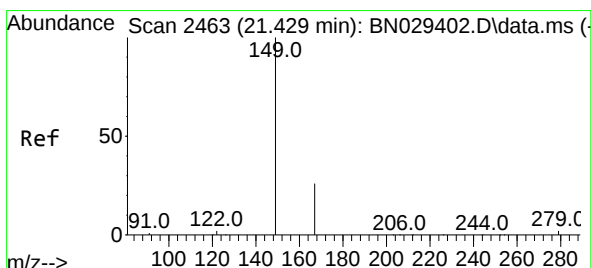
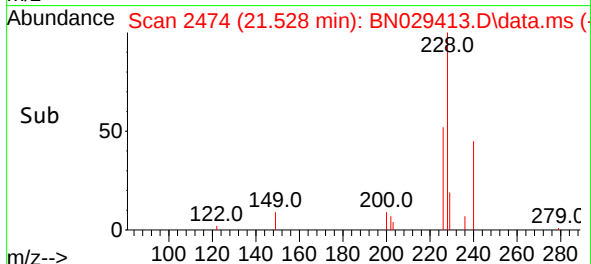
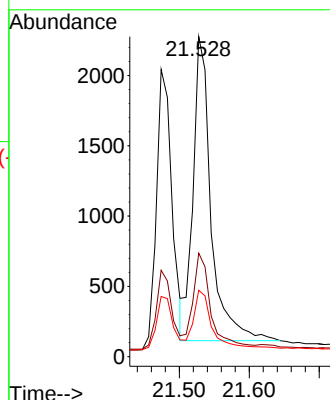
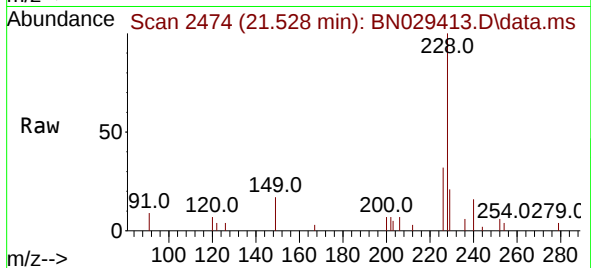
Tgt Ion:228 Resp: 3878

Ion Ratio Lower Upper

228 100

226 32.4 24.9 37.3

229 20.7 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.176 ng

RT: 21.429 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

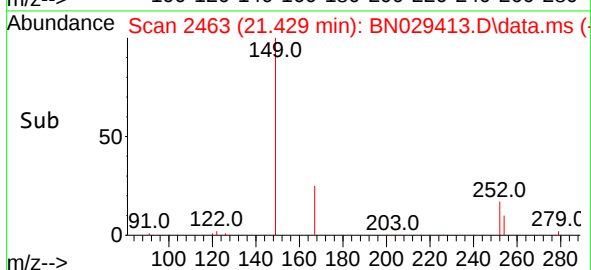
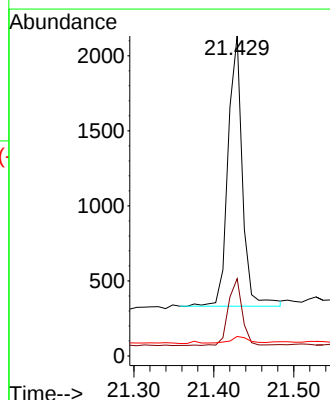
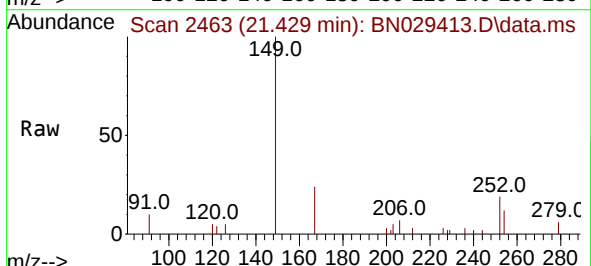
Tgt Ion:149 Resp: 2239

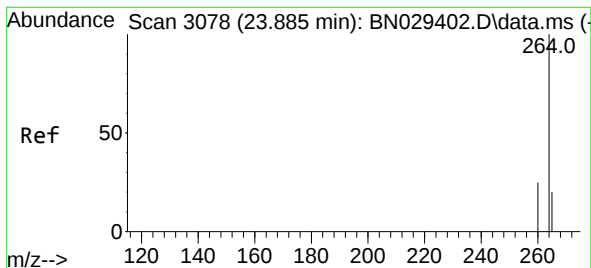
Ion Ratio Lower Upper

149 100

167 23.8 20.1 30.1

279 3.0 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.879 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BN029413.D

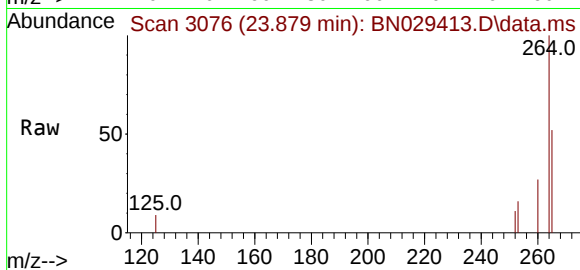
Acq: 30 Jan 2024 14:10

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023



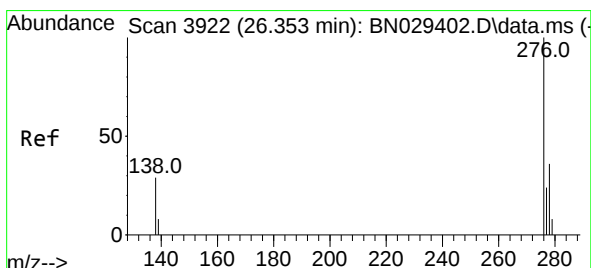
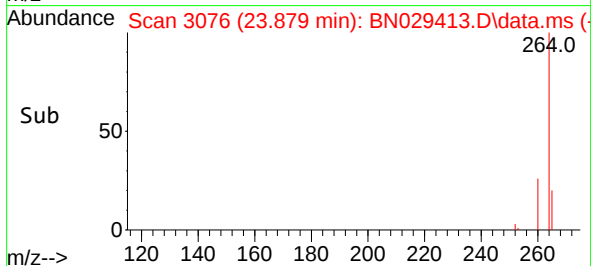
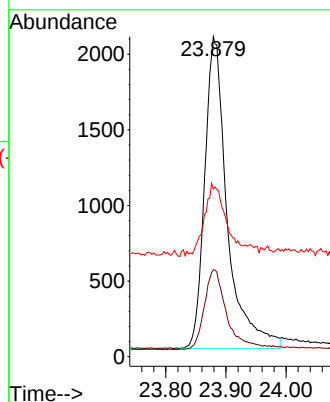
Tgt Ion:264 Resp: 5365

Ion Ratio Lower Upper

264 100

260 27.2 21.2 31.8

265 52.4 41.5 62.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.163 ng

RT: 26.349 min Scan# 3921

Delta R.T. -0.003 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

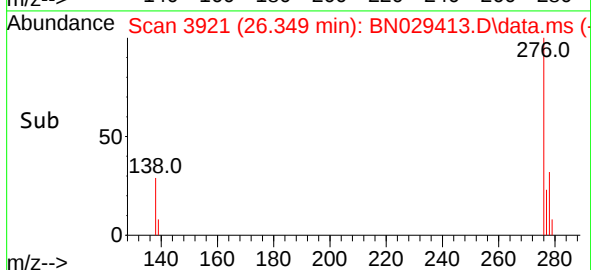
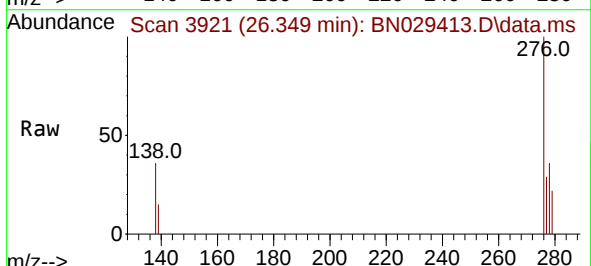
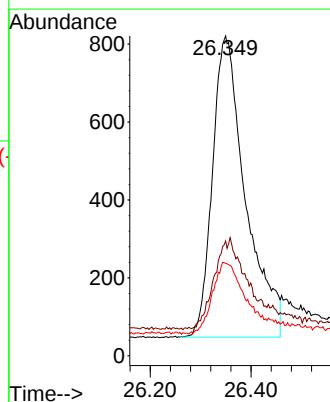
Tgt Ion:276 Resp: 3510

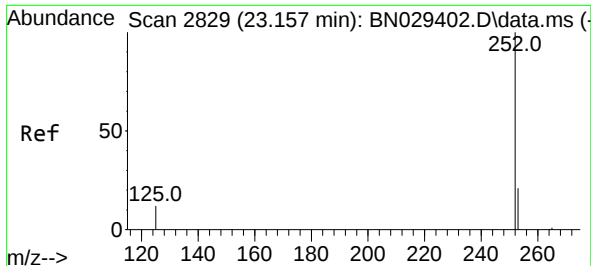
Ion Ratio Lower Upper

276 100

138 12.2 20.5 30.7#

277 23.5 17.0 25.4

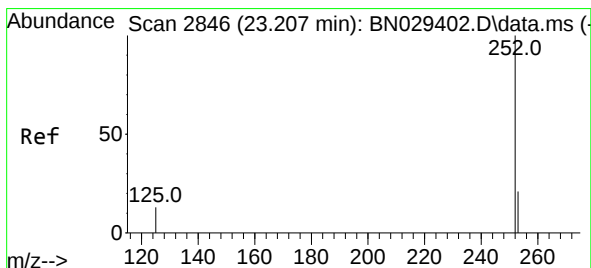
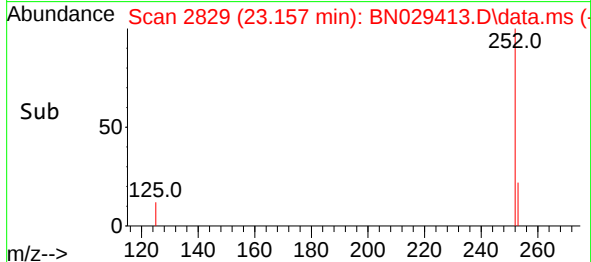
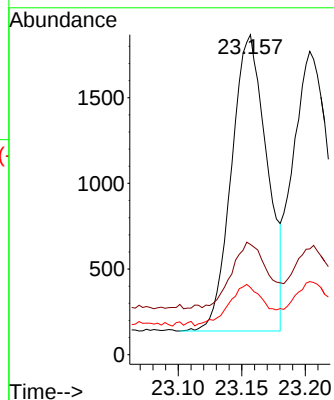
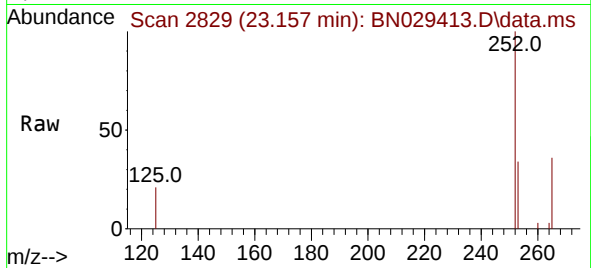




#37
Benzo(b)fluoranthene
Concen: 0.175 ng
RT: 23.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

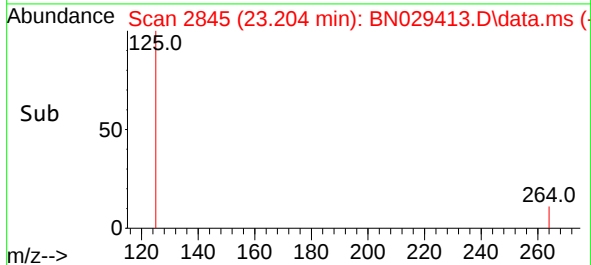
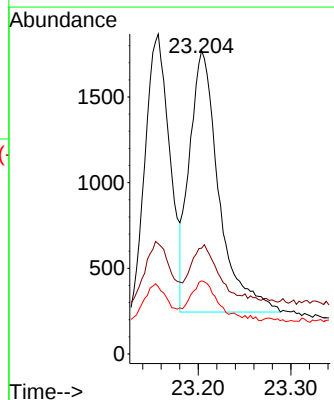
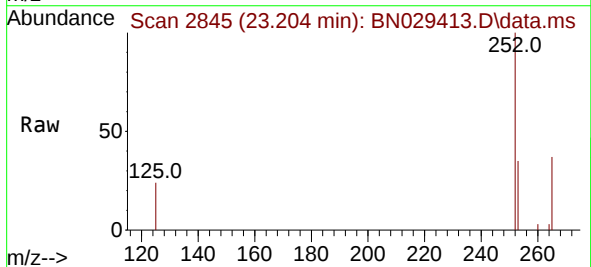
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

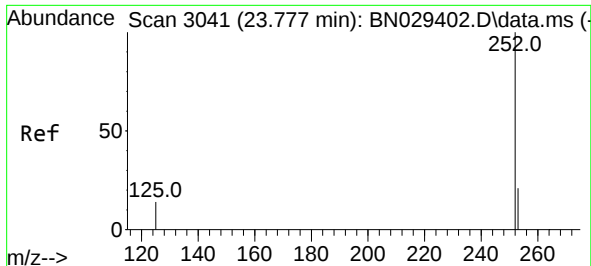
Tgt Ion:252 Resp: 3365
Ion Ratio Lower Upper
252 100
253 34.5 21.7 32.5#
125 21.0 13.3 19.9#



#38
Benzo(k)fluoranthene
Concen: 0.168 ng
RT: 23.204 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Tgt Ion:252 Resp: 3378
Ion Ratio Lower Upper
252 100
253 34.8 21.8 32.8#
125 24.1 13.9 20.9#





#39

Benzo(a)pyrene

Concen: 0.165 ng

RT: 23.774 min Scan# 3040

Delta R.T. -0.003 min

Lab File: BN029413.D

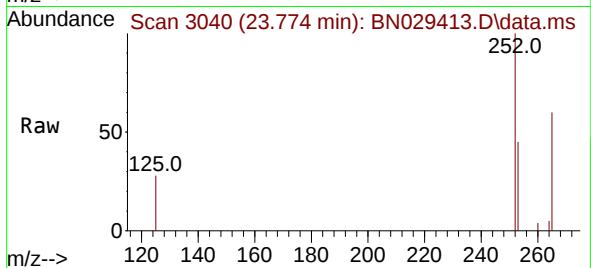
Acq: 30 Jan 2024 14:10

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023



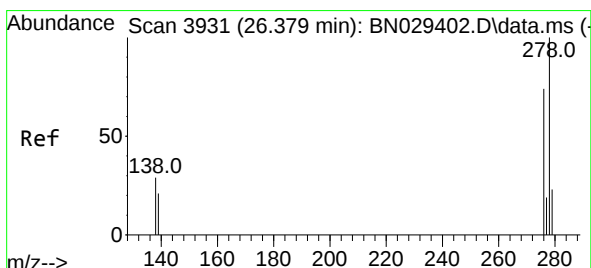
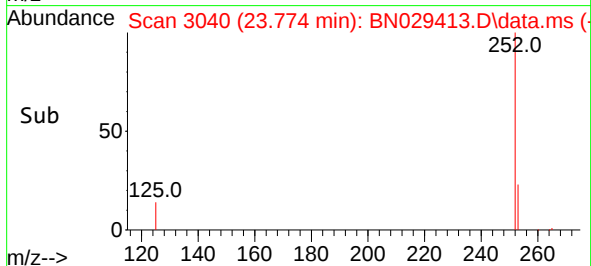
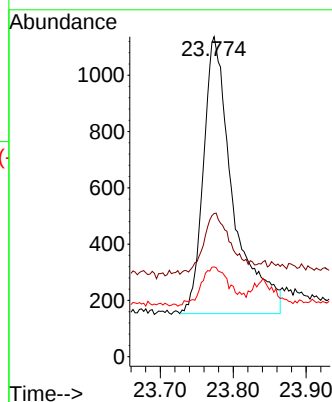
Tgt Ion:252 Resp: 2761

Ion Ratio Lower Upper

252 100

253 44.8 24.9 37.3#

125 28.1 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.165 ng

RT: 26.376 min Scan# 3930

Delta R.T. -0.003 min

Lab File: BN029413.D

Acq: 30 Jan 2024 14:10

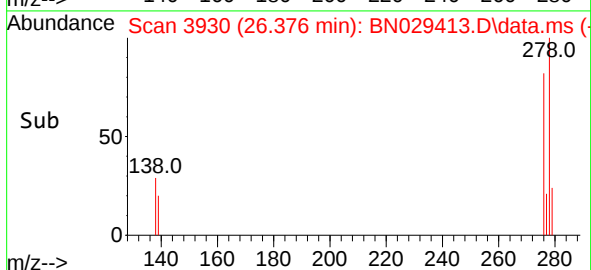
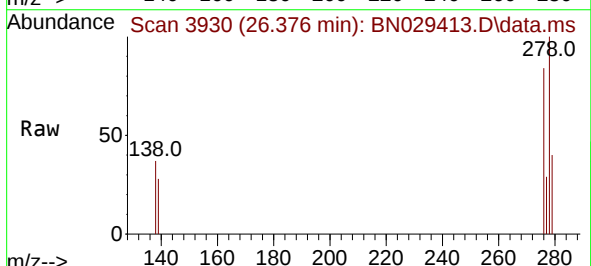
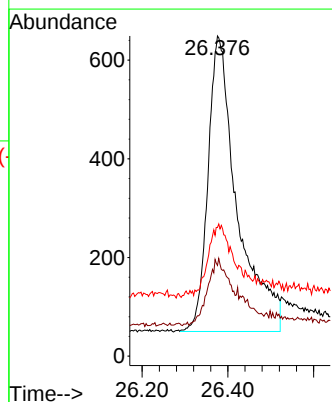
Tgt Ion:278 Resp: 2842

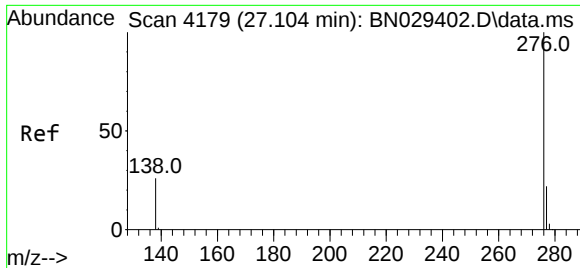
Ion Ratio Lower Upper

278 100

139 28.4 20.4 30.6

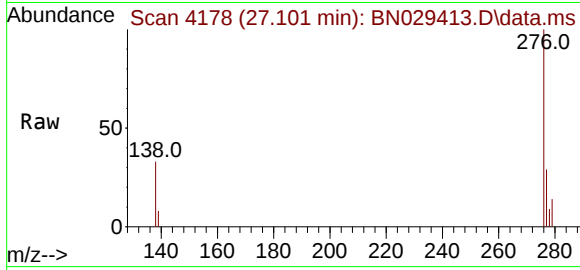
279 40.2 25.0 37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.177 ng
RT: 27.101 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN029413.D
Acq: 30 Jan 2024 14:10

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:276 Resp: 3702
Ion Ratio Lower Upper
276 100
277 28.6 19.4 29.2
138 32.6 23.5 35.3

