

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029414.D
 Acq On : 30 Jan 2024 14:46
 Operator : MA/JU
 Sample : 03572-02
 Misc : LOQ-MDL-SOIL-0.2NG
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Quant Time: Jan 30 18:17:24 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)

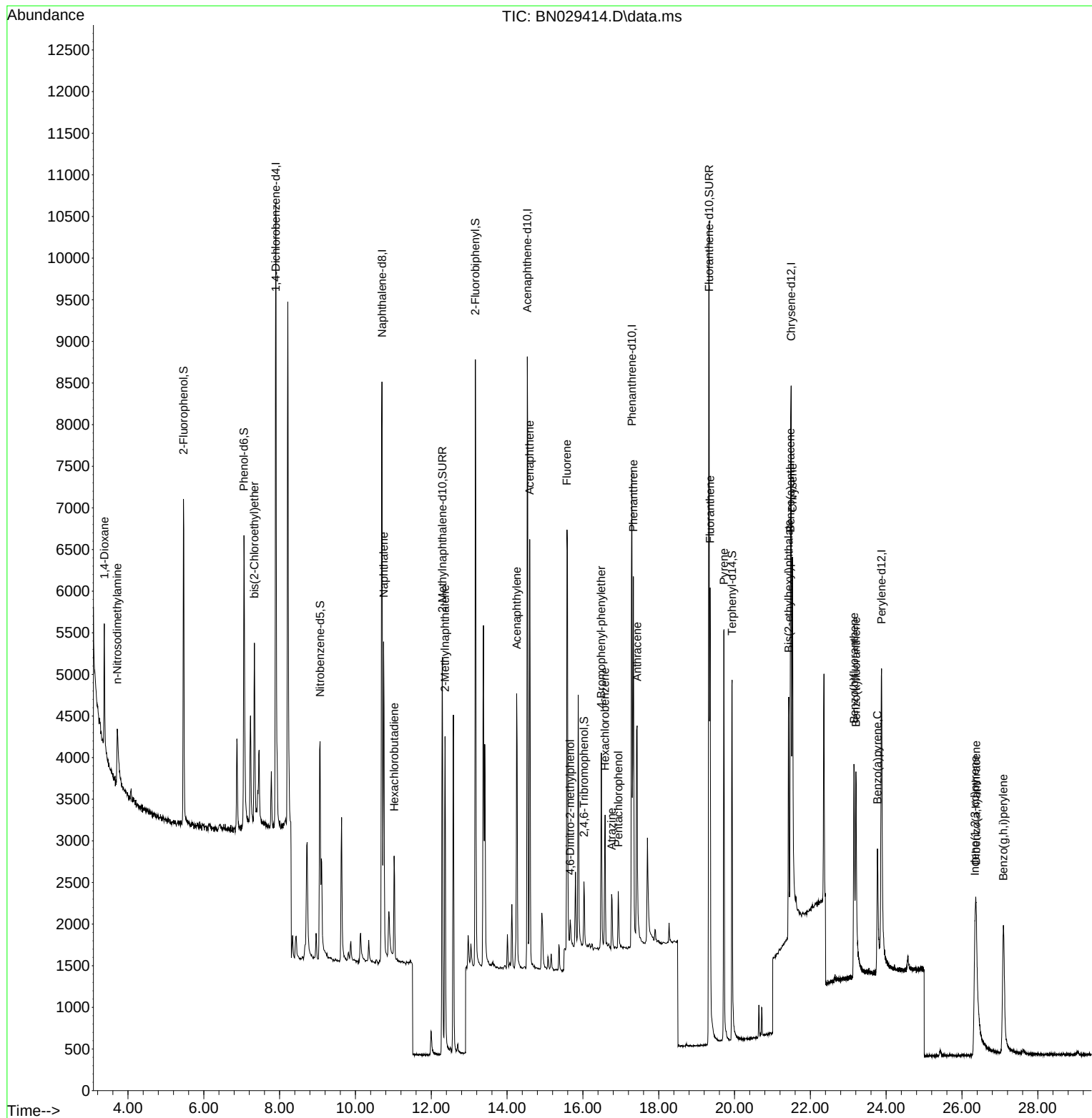
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	3783	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	10046	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4456	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	8830	0.400	ng	0.00
29) Chrysene-d12	21.492	240	6043	0.400	ng	# 0.00
35) Perylene-d12	23.879	264	6291	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3265	0.359	ng	0.00
5) Phenol-d6	7.060	99	3832	0.365	ng	0.00
8) Nitrobenzene-d5	9.067	82	2883	0.345	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	7090	0.518	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	470	0.329	ng	-0.01
15) 2-Fluorobiphenyl	13.164	172	6587	0.344	ng	-0.01
27) Fluoranthene-d10	19.327	212	12080	0.565	ng	0.00
31) Terphenyl-d14	19.935	244	4997	0.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1133	0.213	ng	98
3) n-Nitrosodimethylamine	3.716	42	728	0.168	ng	99
6) bis(2-Chloroethyl)ether	7.334	93	1699	0.170	ng	96
9) Naphthalene	10.744	128	5114	0.179	ng	98
10) Hexachlorobutadiene	11.021	225	961	0.177	ng	# 98
12) 2-Methylnaphthalene	12.363	142	2825	0.168	ng	97
16) Acenaphthylene	14.254	152	3959	0.187	ng	99
17) Acenaphthene	14.596	154	2505	0.176	ng	98
18) Fluorene	15.580	166	3144	0.176	ng	97
20) 4,6-Dinitro-2-methylph...	15.667	198	270	0.208	ng	# 72
21) 4-Bromophenyl-phenylether	16.486	248	909	0.173	ng	91
22) Hexachlorobenzene	16.585	284	1148	0.178	ng	99
23) Atrazine	16.759	200	677	0.181	ng	# 89
24) Pentachlorophenol	16.933	266	357	0.175	ng	98
25) Phenanthrene	17.330	178	4665	0.179	ng	99
26) Anthracene	17.429	178	3709	0.167	ng	97
28) Fluoranthene	19.354	202	4913	0.167	ng	100
30) Pyrene	19.721	202	4937	0.177	ng	99
32) Benzo(a)anthracene	21.474	228	3448	0.167	ng	99
33) Chrysene	21.528	228	4172	0.178	ng	99
34) Bis(2-ethylhexyl)phtha...	21.429	149	2419	0.172	ng	99
36) Indeno(1,2,3-cd)pyrene	26.341	276	4140	0.164	ng	# 81
37) Benzo(b)fluoranthene	23.154	252	3622	0.161	ng	# 89
38) Benzo(k)fluoranthene	23.204	252	3631	0.154	ng	# 84
39) Benzo(a)pyrene	23.771	252	3183	0.162	ng	# 83
40) Dibenzo(a,h)anthracene	26.376	278	3221	0.160	ng	# 92
41) Benzo(g,h,i)perylene	27.092	276	3989	0.163	ng	95

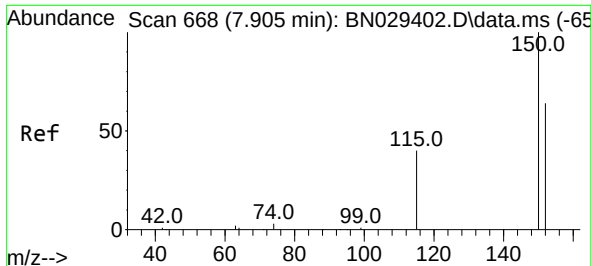
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029414.D
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Misc : LOQ-MDL-SOIL-0.2NG
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Instrument :
BNA_N
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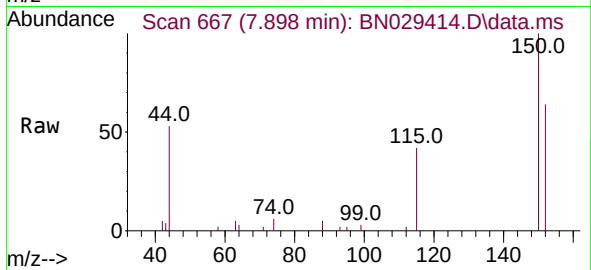
Quant Time: Jan 30 18:17:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
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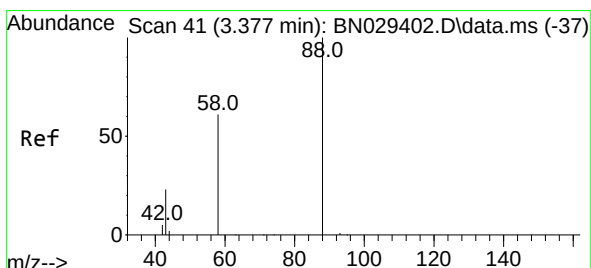
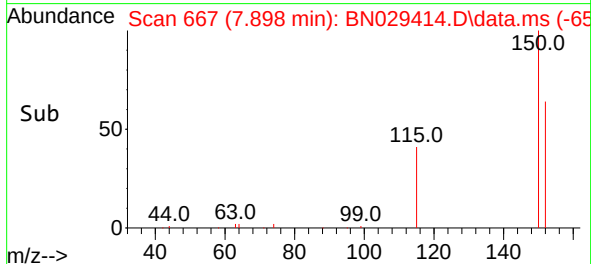
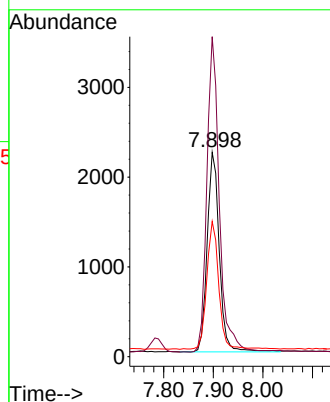
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.898 min Scan# 668
 Delta R.T. -0.007 min
 Lab File: BN029414.D
 Acq: 30 Jan 2024 14:46

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023



Tgt Ion:152 Resp: 3783

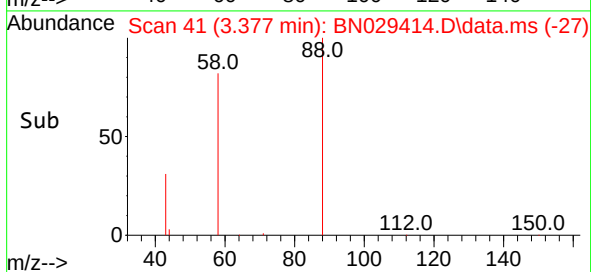
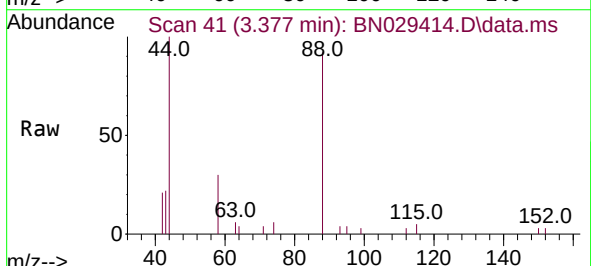
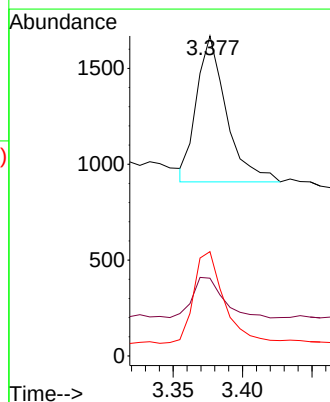
Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.4
115	66.2	51.4	77.0

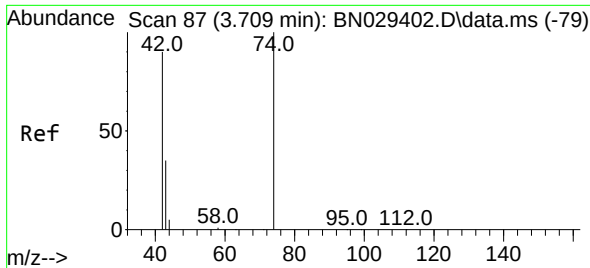


#2
 1,4-Dioxane
 Concen: 0.213 ng
 RT: 3.377 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN029414.D
 Acq: 30 Jan 2024 14:46

Tgt Ion: 88 Resp: 1133

Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.3	34.9
58	64.8	53.8	80.6

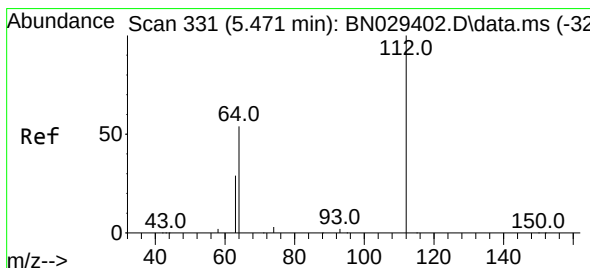
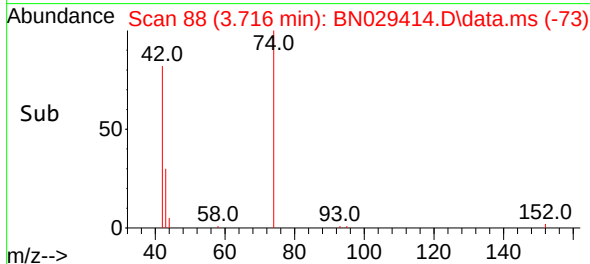
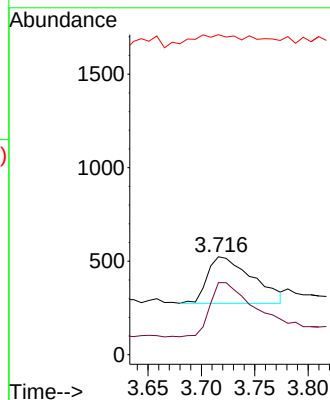
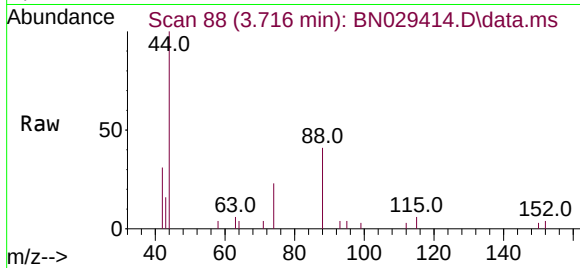




#3
n-Nitrosodimethylamine
Concen: 0.168 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.007 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

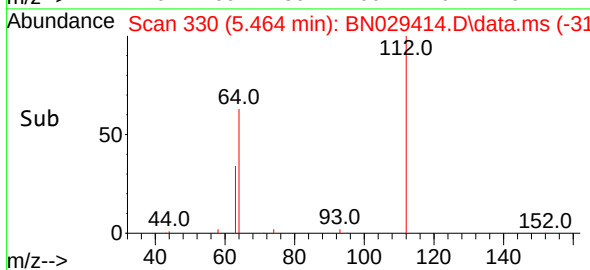
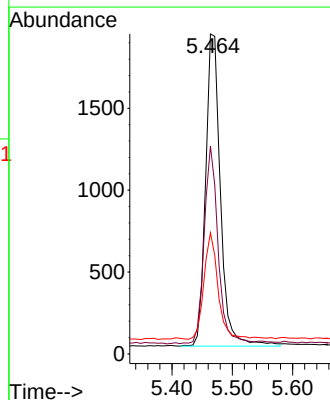
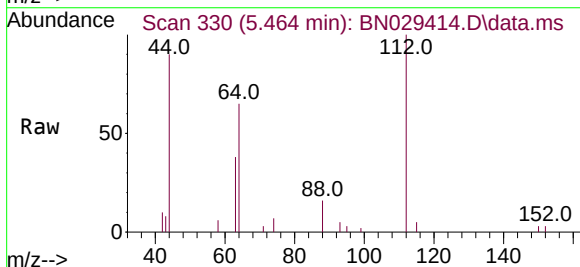
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

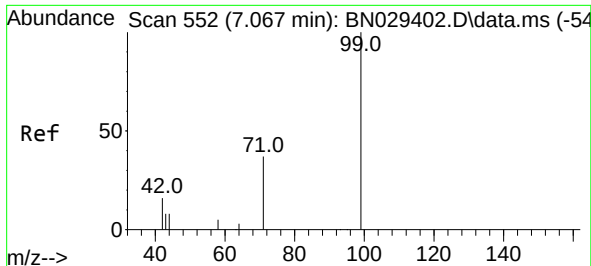
Tgt Ion: 42 Resp: 728
Ion Ratio Lower Upper
42 100
74 116.5 93.7 140.5
44 17.7 13.0 19.4



#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.007 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

Tgt Ion: 112 Resp: 3265
Ion Ratio Lower Upper
112 100
64 59.1 47.2 70.8
63 32.6 25.8 38.6

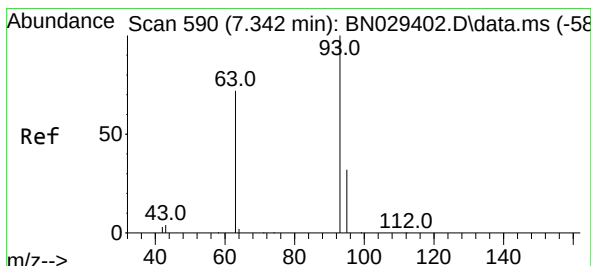
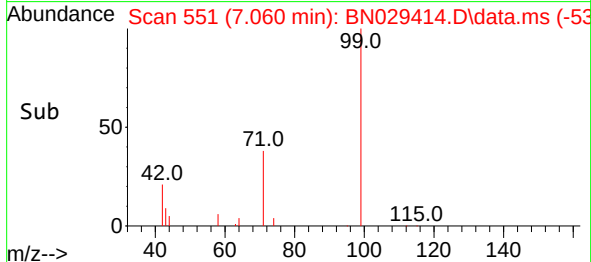
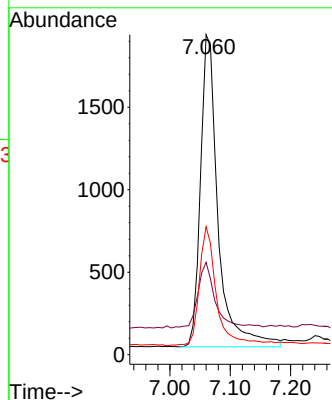
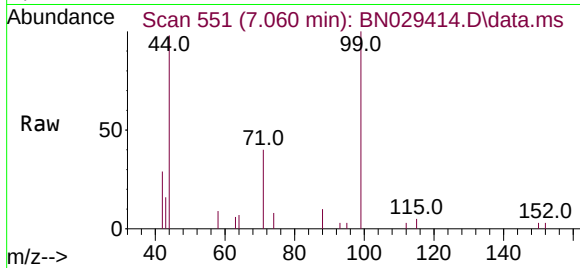




#5
Phenol-d6
Concen: 0.365 ng
RT: 7.060 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

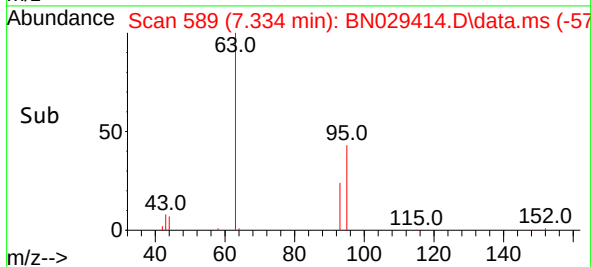
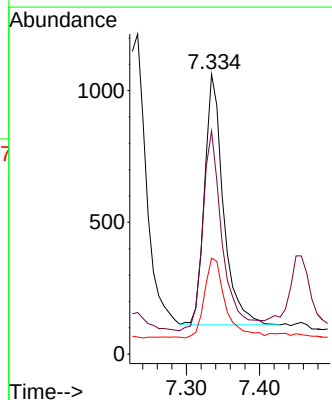
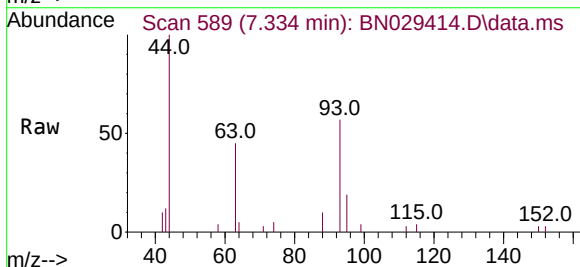
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

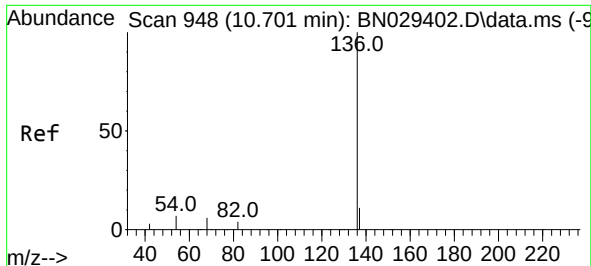
Tgt Ion: 99 Resp: 3832
Ion Ratio Lower Upper
99 100
42 20.2 16.9 25.3
71 37.7 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.170 ng
RT: 7.334 min Scan# 589
Delta R.T. -0.007 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

Tgt Ion: 93 Resp: 1699
Ion Ratio Lower Upper
93 100
63 83.3 63.1 94.7
95 35.7 27.1 40.7

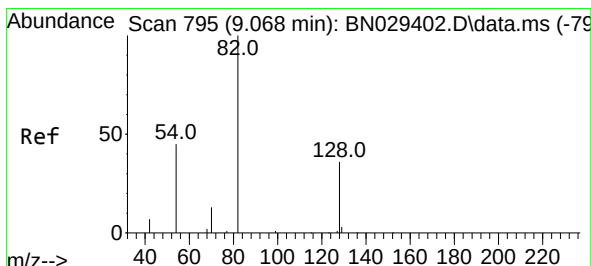
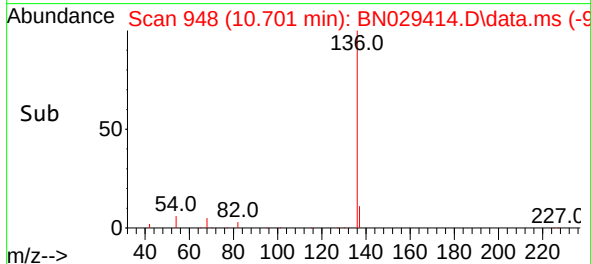
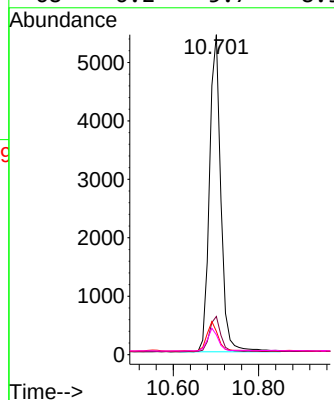
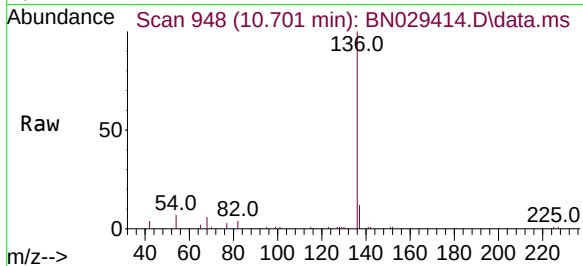




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

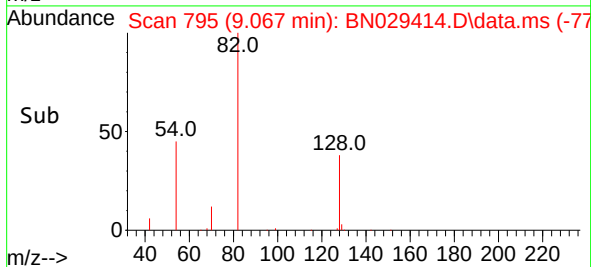
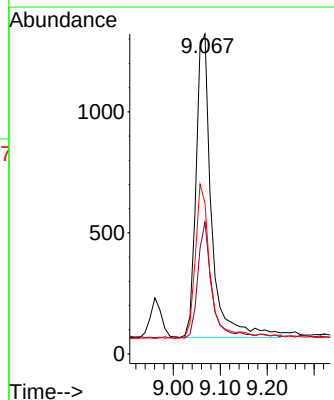
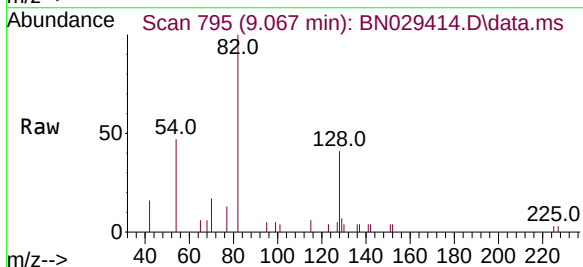
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

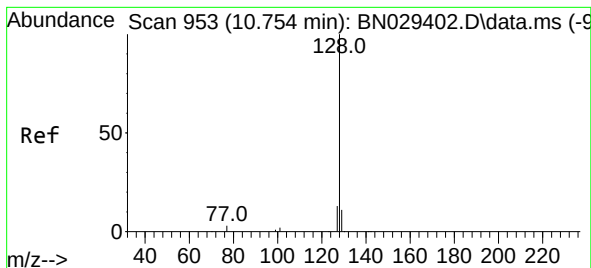
Tgt Ion:	136	Resp:	10046
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	7.3	6.6	10.0
68	6.2	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

Tgt Ion:	82	Resp:	2883
Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.6	47.4
54	47.1	38.2	57.4





#9

Naphthalene

Concen: 0.179 ng

RT: 10.744 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

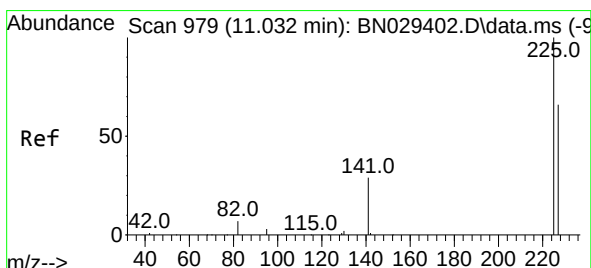
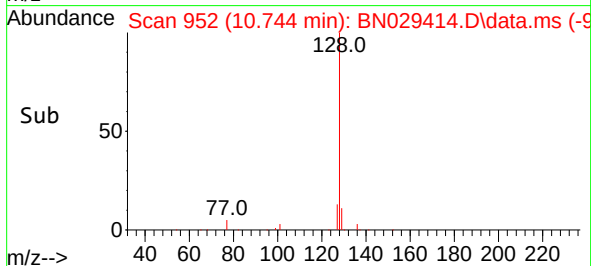
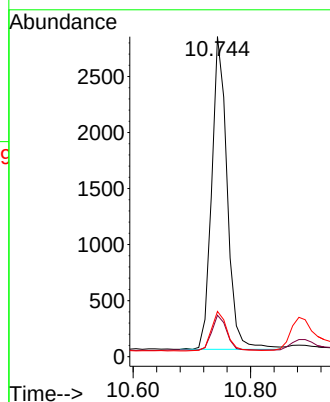
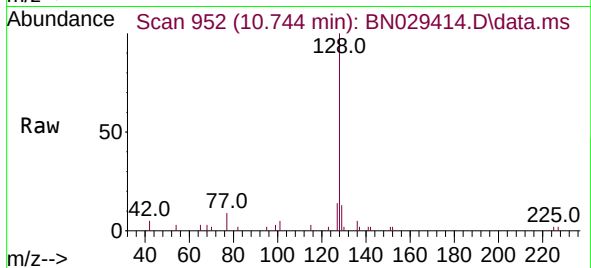
Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023

Tgt Ion:128	Resp:	5114
Ion Ratio	Lower	Upper
128	100	
129	12.9	9.5 14.3
127	14.2	10.8 16.2



#10

Hexachlorobutadiene

Concen: 0.177 ng

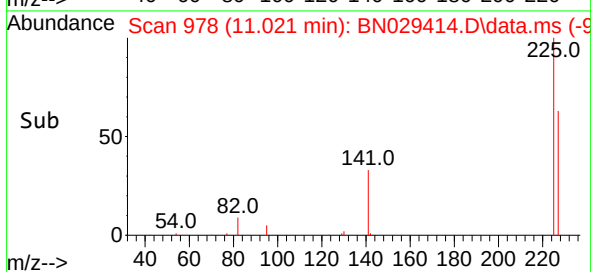
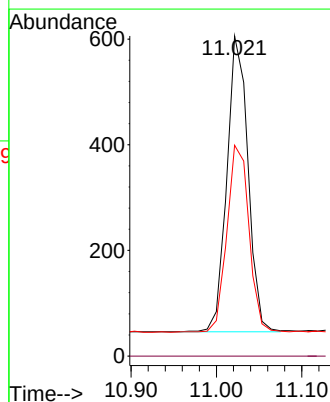
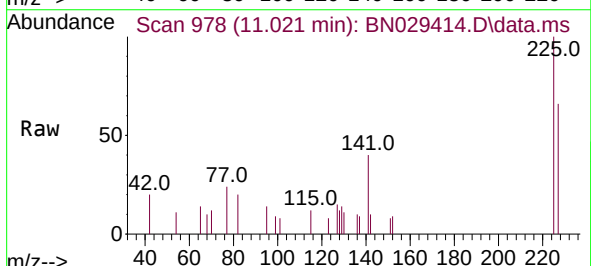
RT: 11.021 min Scan# 978

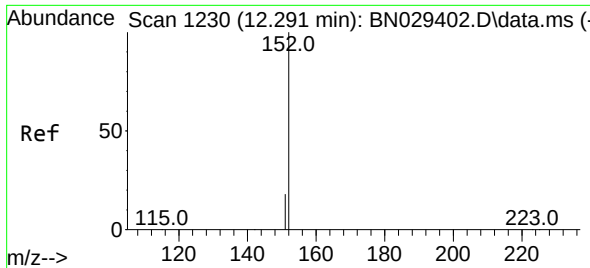
Delta R.T. -0.011 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

Tgt Ion:225	Resp:	961
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0 0.0
227	65.5	51.1 76.7

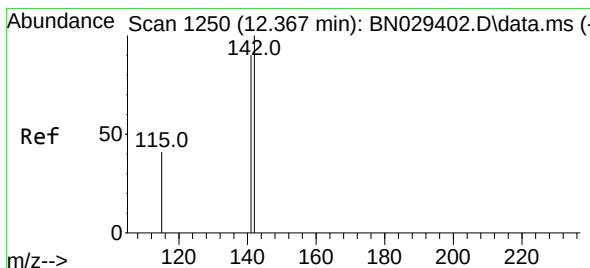
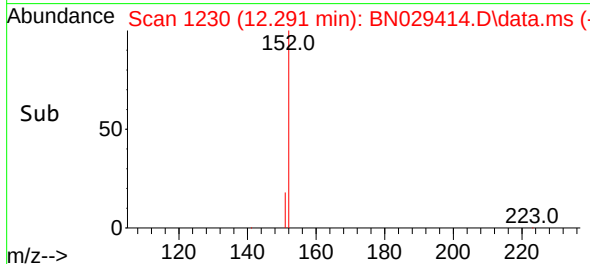
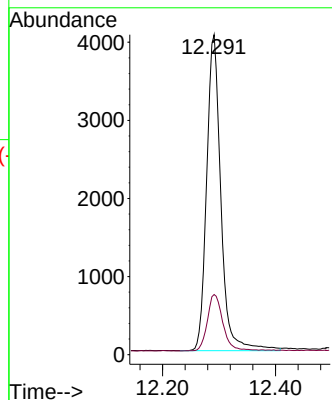
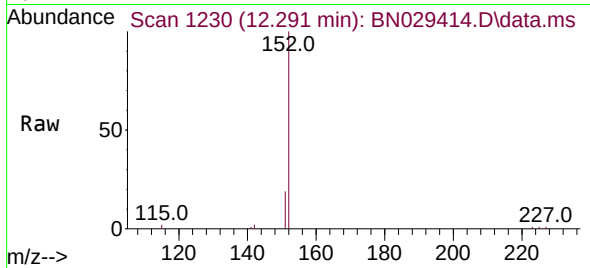




#11
2-Methylnaphthalene-d10
Concen: 0.518 ng
RT: 12.291 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

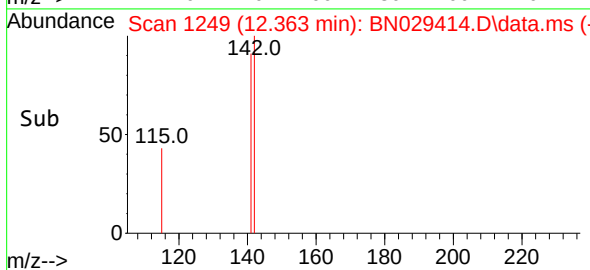
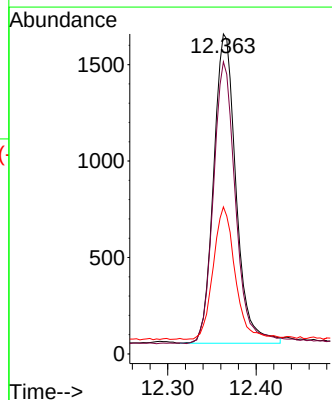
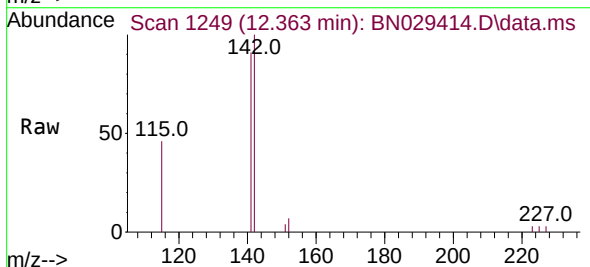
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

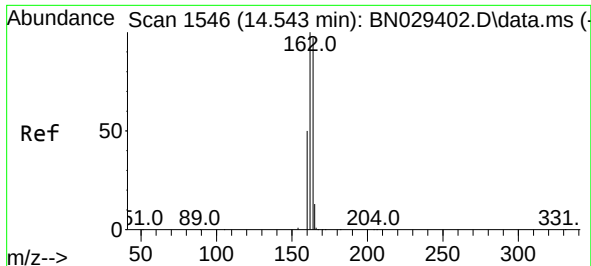
Tgt Ion:152 Resp: 7090
Ion Ratio Lower Upper
152 100
151 19.5 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.168 ng
RT: 12.363 min Scan# 1249
Delta R.T. -0.004 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

Tgt Ion:142 Resp: 2825
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9
115 45.9 33.9 50.9

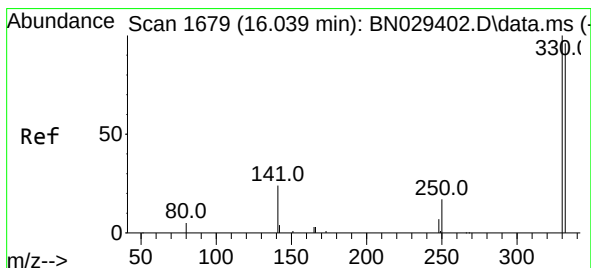
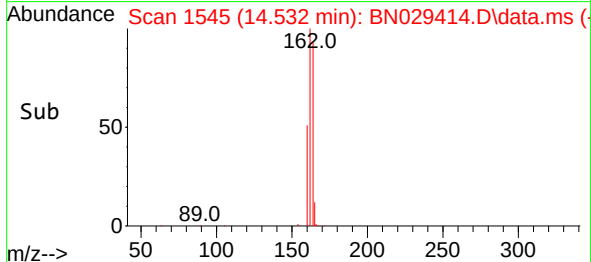
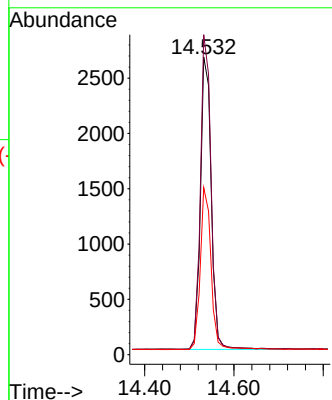
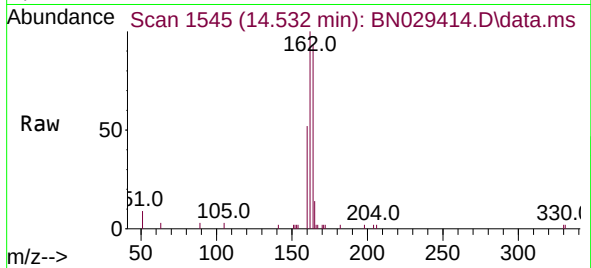




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

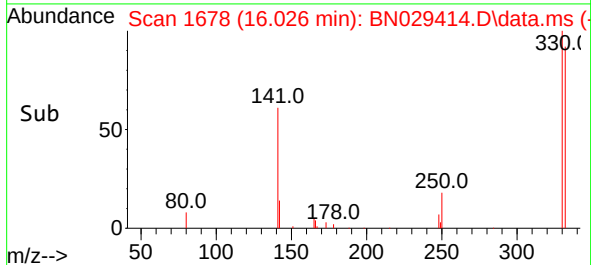
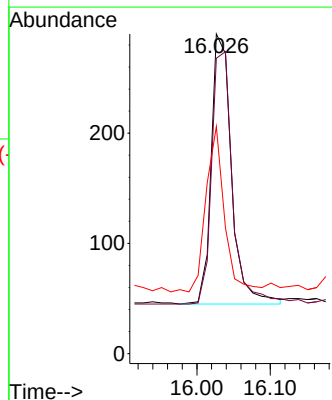
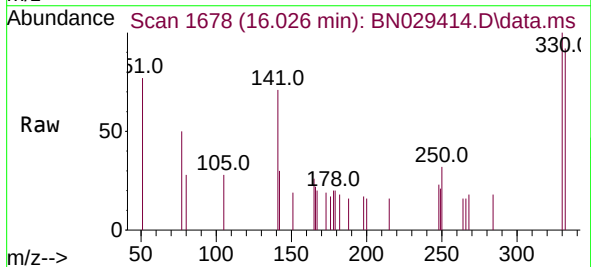
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

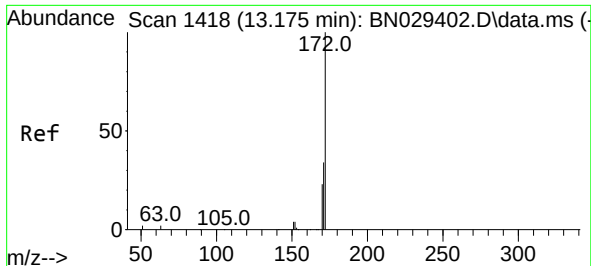
Tgt Ion:164 Resp: 4456
Ion Ratio Lower Upper
164 100
162 107.5 82.6 123.8
160 56.1 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 16.026 min Scan# 1678
Delta R.T. -0.013 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

Tgt Ion:330 Resp: 470
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 55.7 43.4 65.2

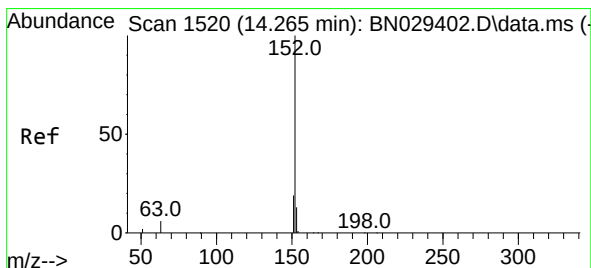
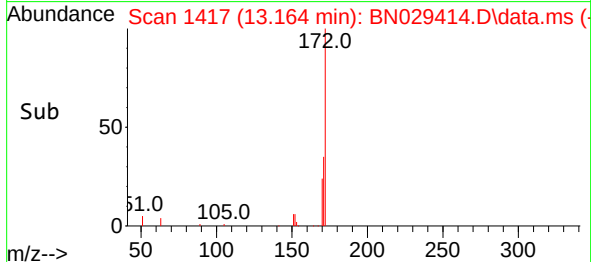
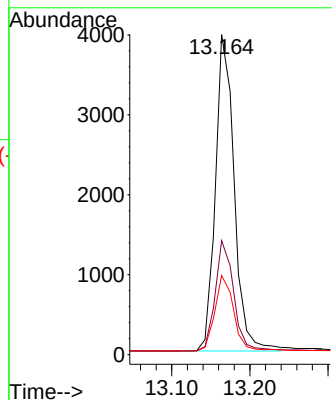
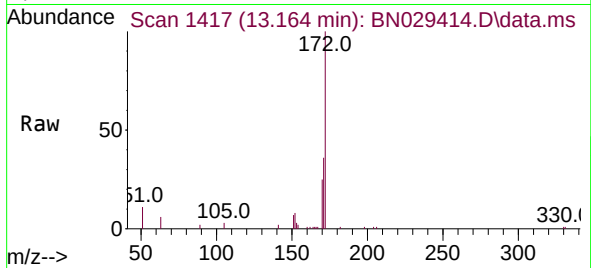




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.164 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

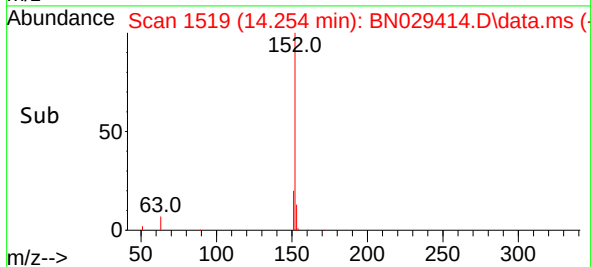
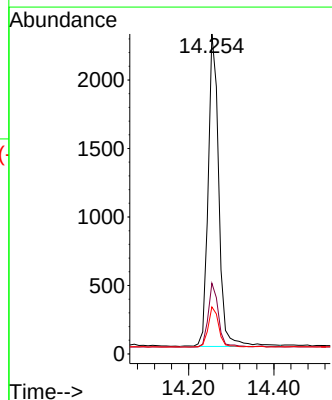
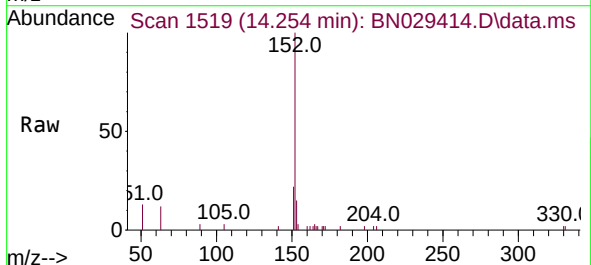
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

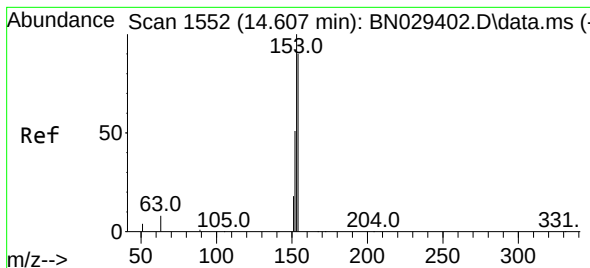
Tgt Ion:172 Resp: 6587
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.7 18.7 28.1



#16
Acenaphthylene
Concen: 0.187 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.011 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

Tgt Ion:152 Resp: 3959
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.176 ng

RT: 14.596 min Scan# 1551

Delta R.T. -0.011 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023

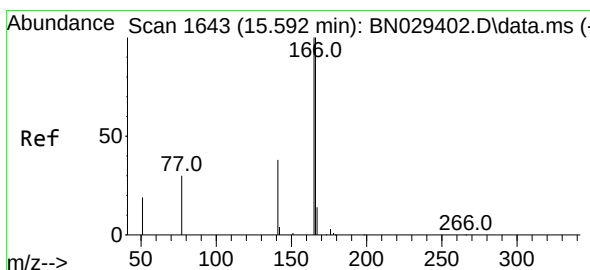
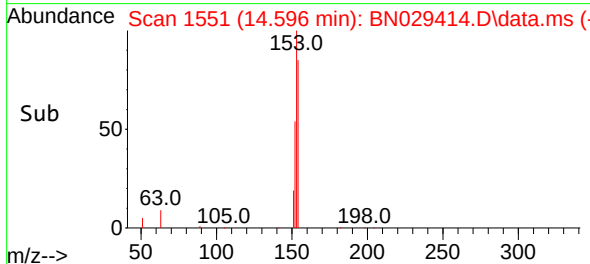
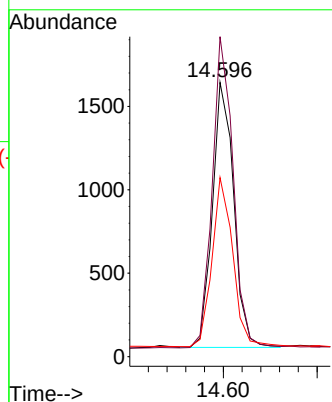
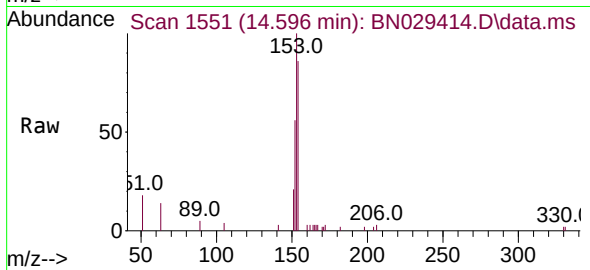
Tgt Ion:154 Resp: 2505

Ion Ratio Lower Upper

154 100

153 116.4 93.6 140.4

152 63.5 48.6 73.0



#18

Fluorene

Concen: 0.176 ng

RT: 15.580 min Scan# 1642

Delta R.T. -0.013 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

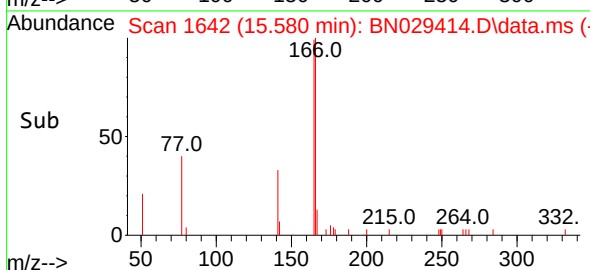
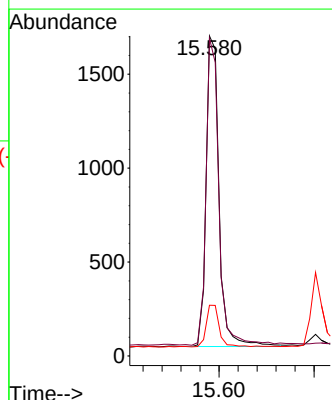
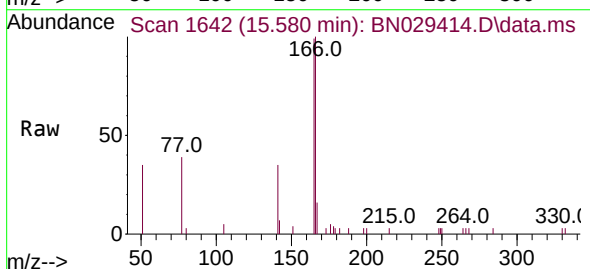
Tgt Ion:166 Resp: 3144

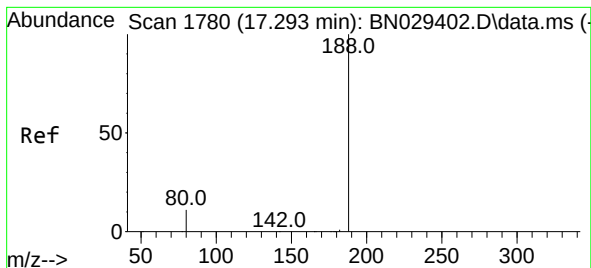
Ion Ratio Lower Upper

166 100

165 96.7 79.9 119.9

167 13.5 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023

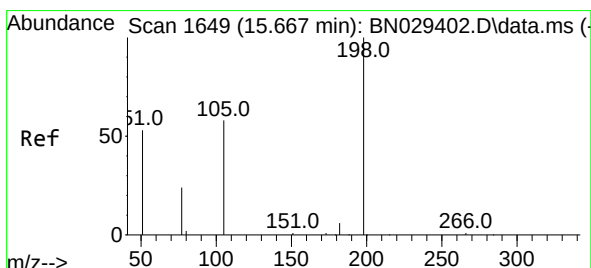
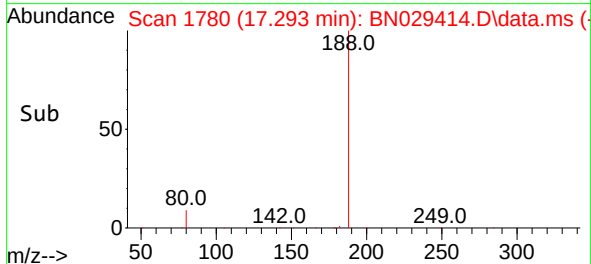
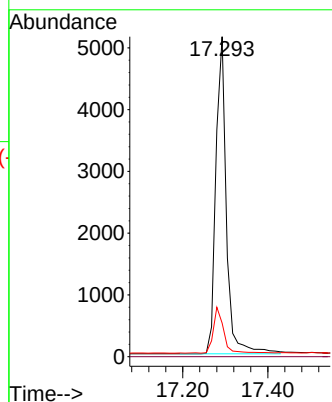
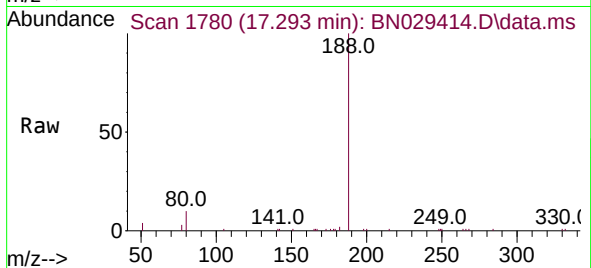
Tgt Ion:188 Resp: 8830

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: 0.208 ng

RT: 15.667 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

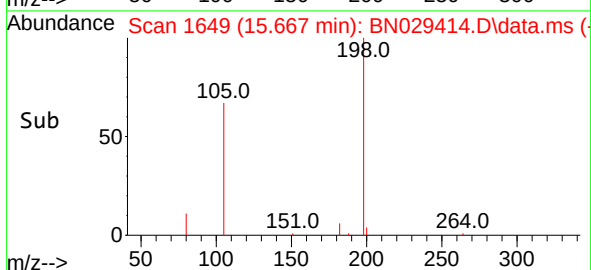
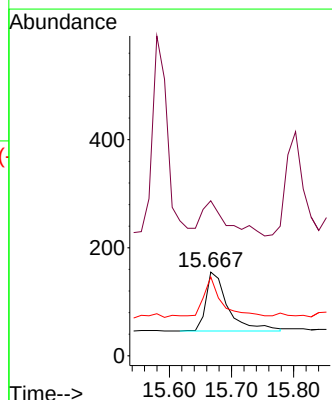
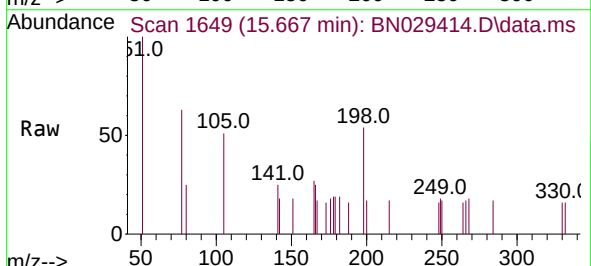
Tgt Ion:198 Resp: 270

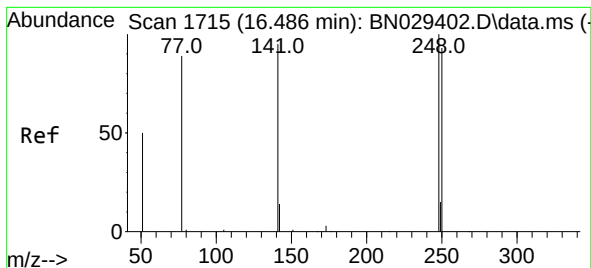
Ion Ratio Lower Upper

198 100

51 185.2 111.0 166.6#

105 94.2 67.0 100.6

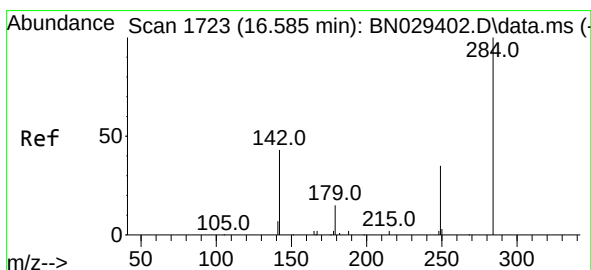
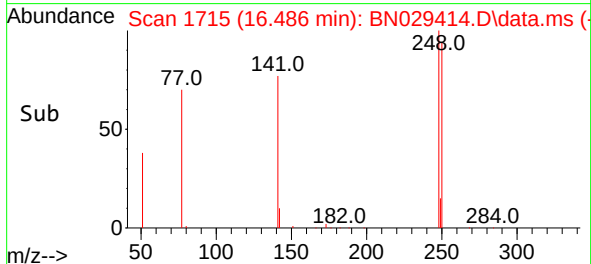
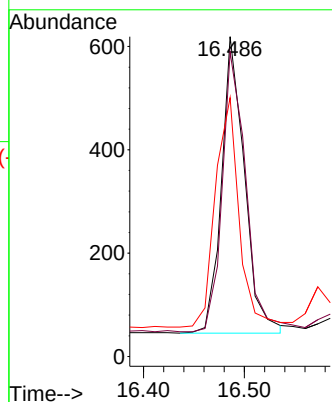
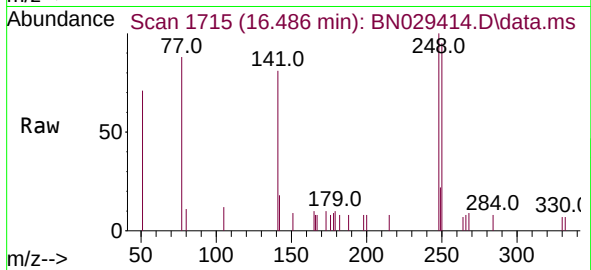




#21
4-Bromophenyl-phenylether
Concen: 0.173 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

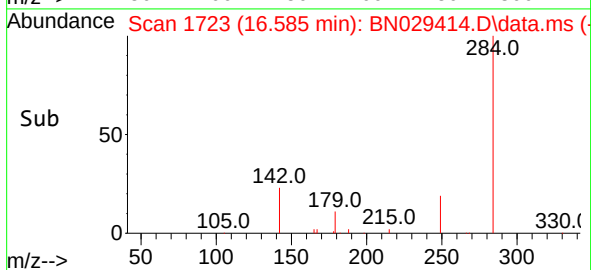
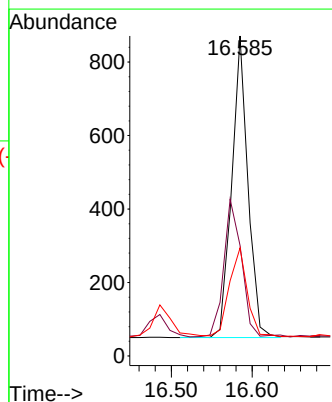
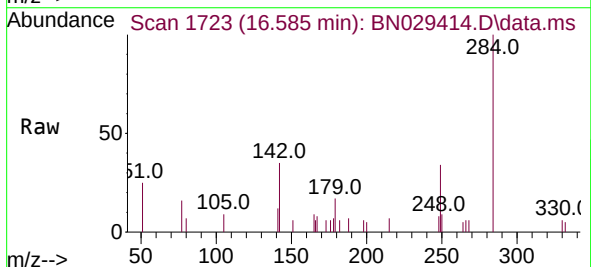
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

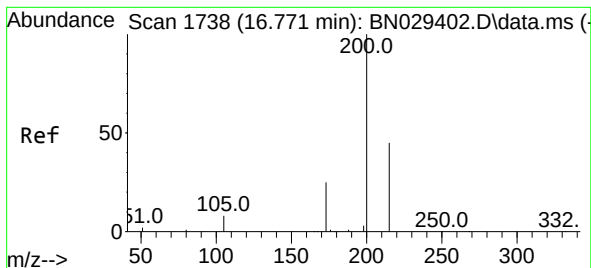
Tgt Ion:248 Resp: 909
Ion Ratio Lower Upper
248 100
250 95.2 75.0 112.4
141 80.9 77.0 115.6



#22
Hexachlorobenzene
Concen: 0.178 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

Tgt Ion:284 Resp: 1148
Ion Ratio Lower Upper
284 100
142 49.7 39.4 59.2
249 32.4 26.9 40.3





#23

Atrazine

Concen: 0.181 ng

RT: 16.759 min Scan# 1737

Delta R.T. -0.013 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023

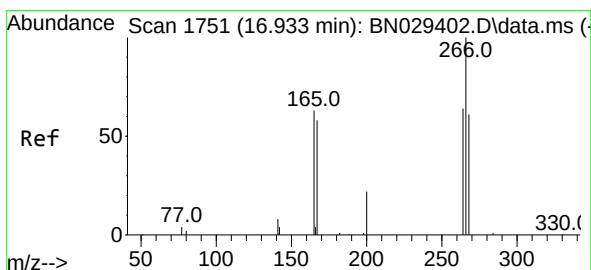
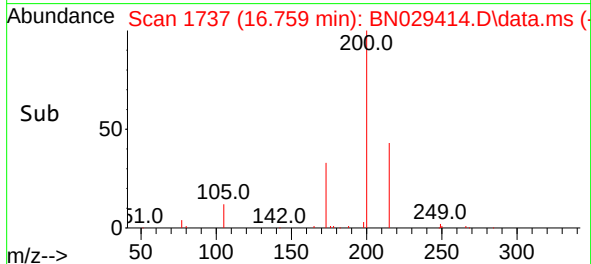
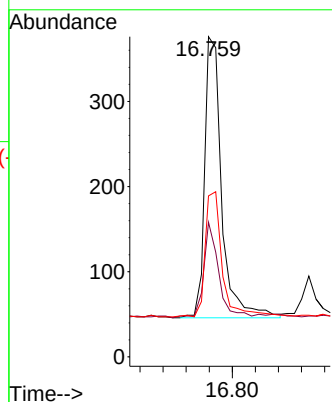
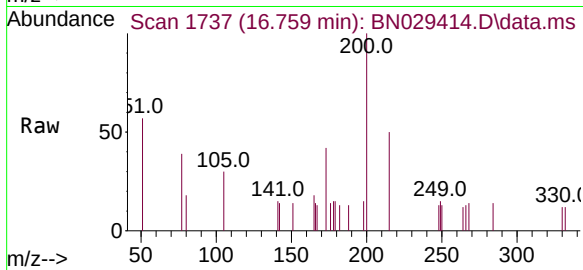
Tgt Ion:200 Resp: 677

Ion Ratio Lower Upper

200 100

173 42.0 23.4 35.0#

215 50.3 38.4 57.6



#24

Pentachlorophenol

Concen: 0.175 ng

RT: 16.933 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

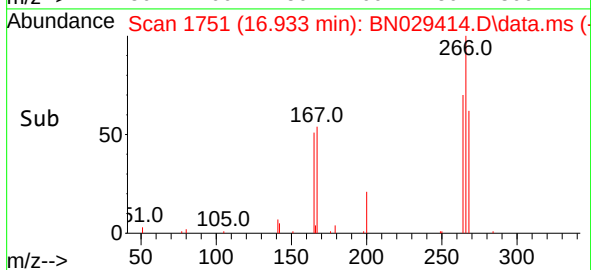
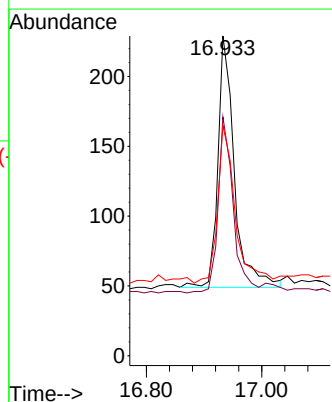
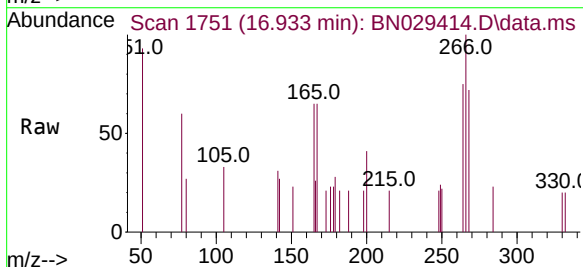
Tgt Ion:266 Resp: 357

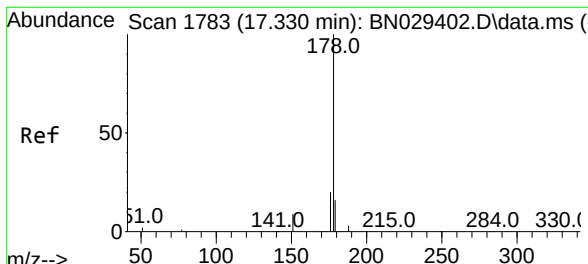
Ion Ratio Lower Upper

266 100

264 64.1 50.8 76.2

268 66.7 51.5 77.3

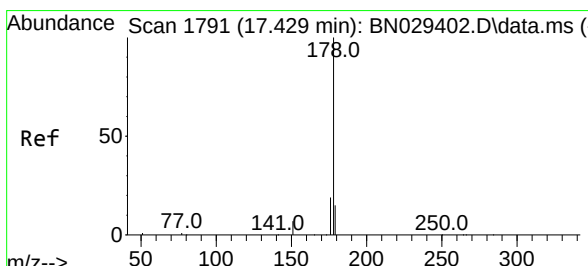
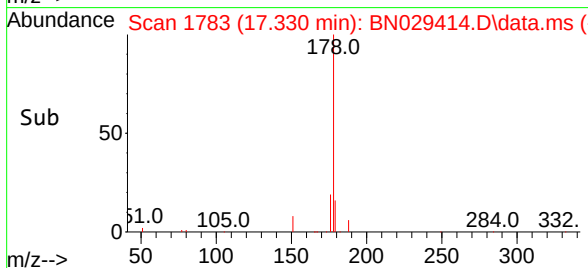
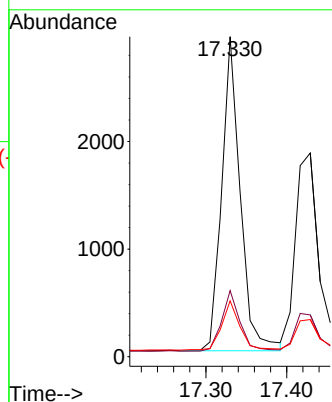
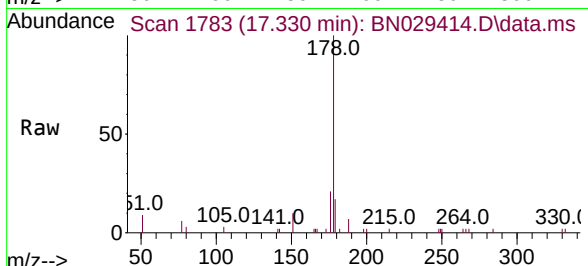




#25
 Phenanthrene
 Concen: 0.179 ng
 RT: 17.330 min Scan# 1783
 Delta R.T. -0.000 min
 Lab File: BN029414.D
 Acq: 30 Jan 2024 14:46

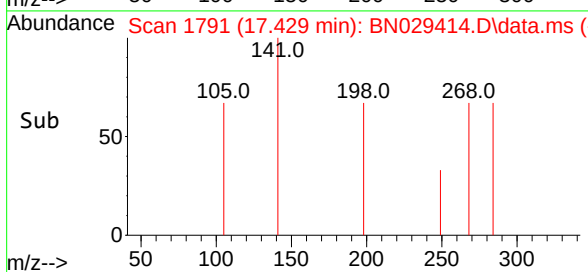
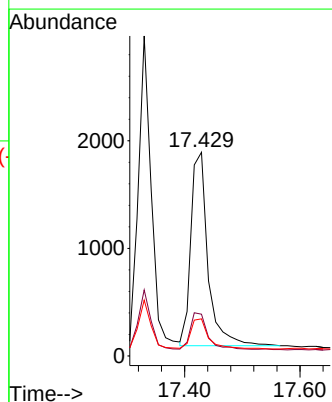
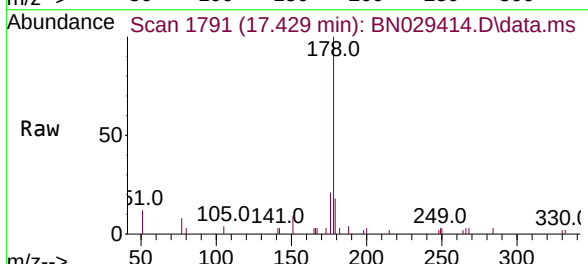
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

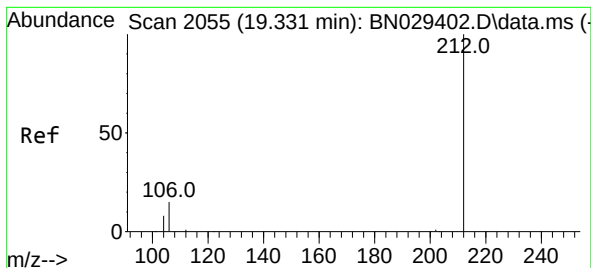
Tgt Ion:178	Resp:	4665
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.8 23.6
179	15.5	12.6 19.0



#26
 Anthracene
 Concen: 0.167 ng
 RT: 17.429 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: BN029414.D
 Acq: 30 Jan 2024 14:46

Tgt Ion:178	Resp:	3709
Ion Ratio	Lower	Upper
178	100	
176	20.1	15.0 22.4
179	16.2	12.3 18.5





#27

Fluoranthene-d10

Concen: 0.565 ng

RT: 19.327 min Scan# 2054

Delta R.T. -0.005 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023

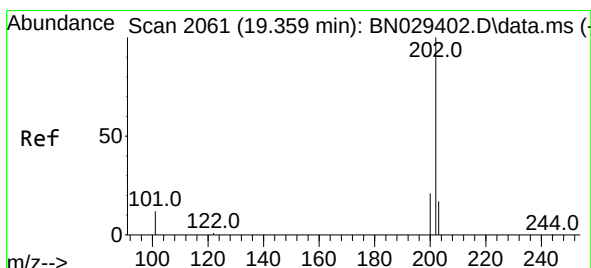
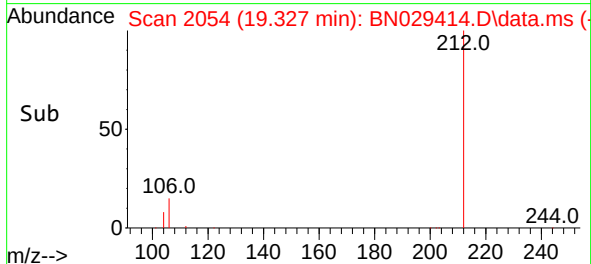
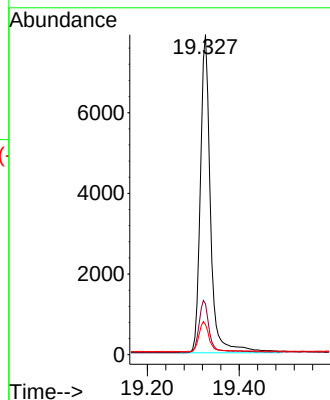
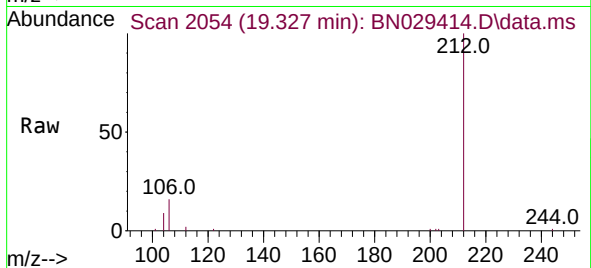
Tgt Ion:212 Resp: 12080

Ion Ratio Lower Upper

212 100

106 15.9 13.2 19.8

104 9.5 7.7 11.5



#28

Fluoranthene

Concen: 0.167 ng

RT: 19.354 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

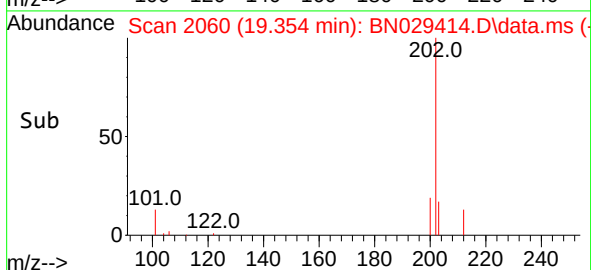
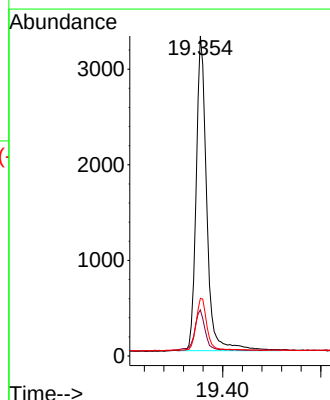
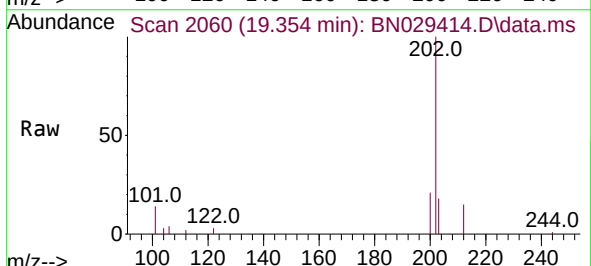
Tgt Ion:202 Resp: 4913

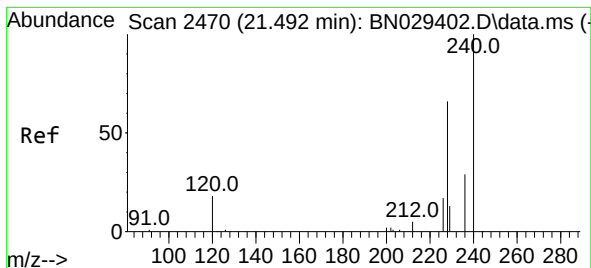
Ion Ratio Lower Upper

202 100

101 13.0 10.5 15.7

203 16.9 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: BN029414.D

Acq: 30 Jan 2024 14:46

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023

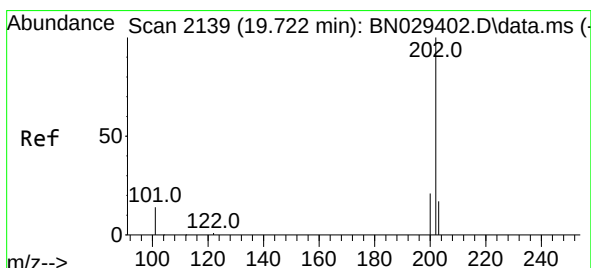
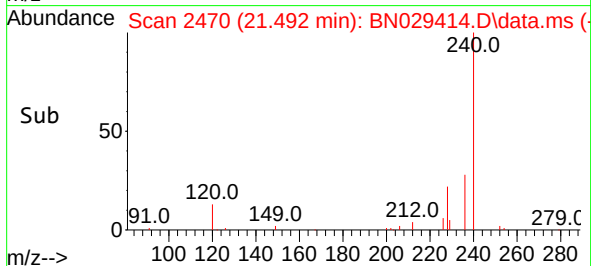
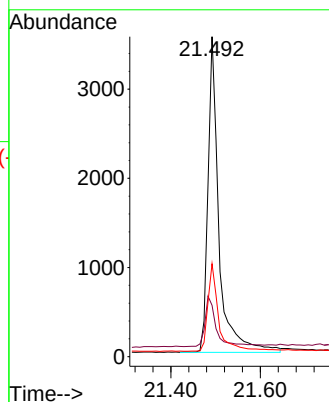
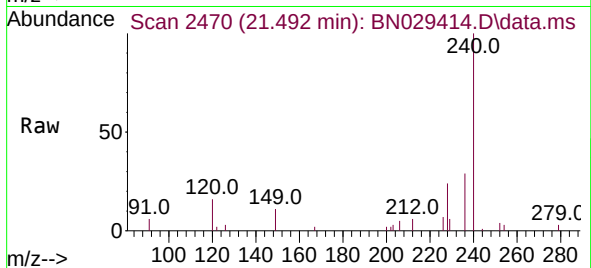
Tgt Ion:240 Resp: 6043

Ion Ratio Lower Upper

240 100

120 16.0 16.7 25.1#

236 29.1 23.9 35.9



#30

Pyrene

Concen: 0.177 ng

RT: 19.721 min Scan# 2139

Delta R.T. -0.000 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

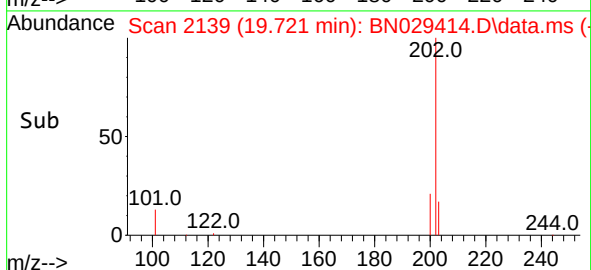
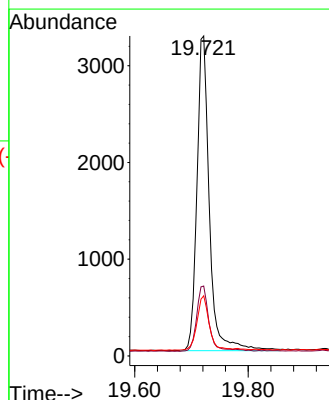
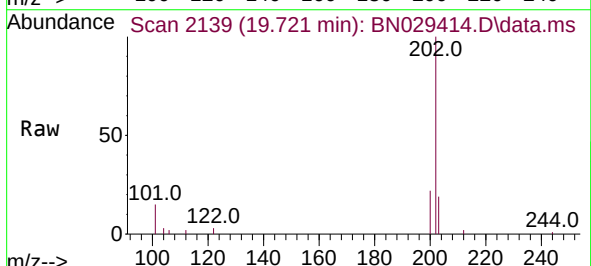
Tgt Ion:202 Resp: 4937

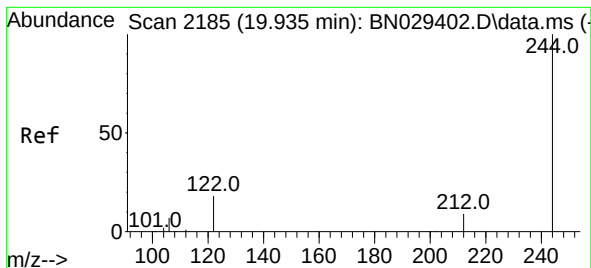
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 16.6 14.2 21.4





#31

Terphenyl-d14

Concen: 0.333 ng

RT: 19.935 min Scan# 2185

Delta R.T. -0.000 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

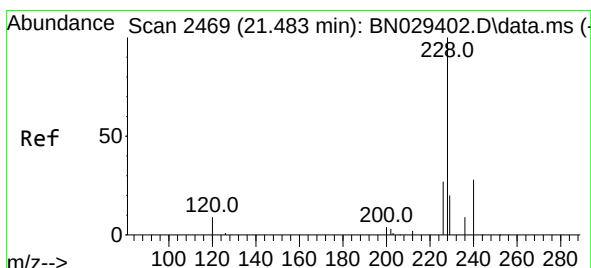
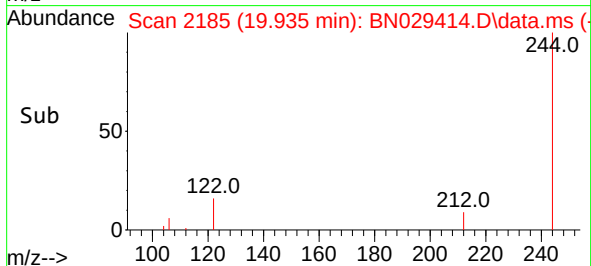
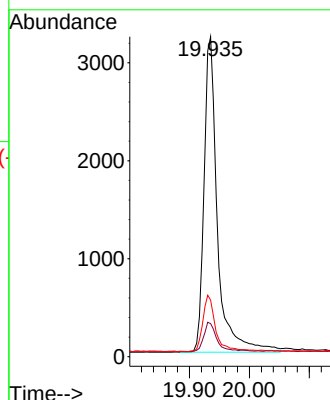
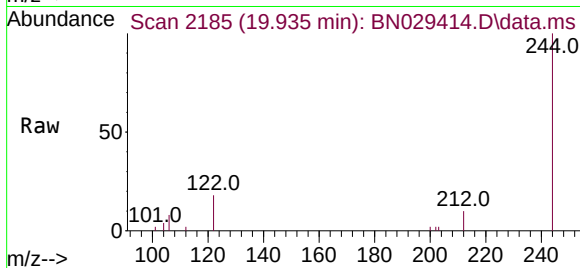
Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023

Tgt Ion:	244	Resp:	4997
Ion Ratio	Lower	Upper	
244	100		
212	10.4	8.2	12.4
122	17.7	15.6	23.4



#32

Benzo(a)anthracene

Concen: 0.167 ng

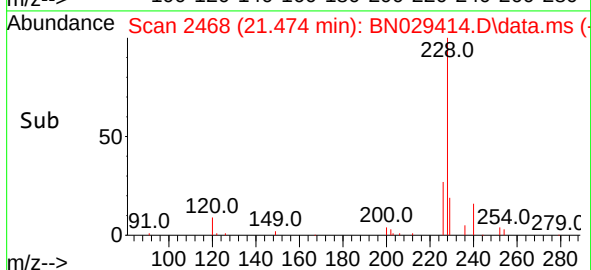
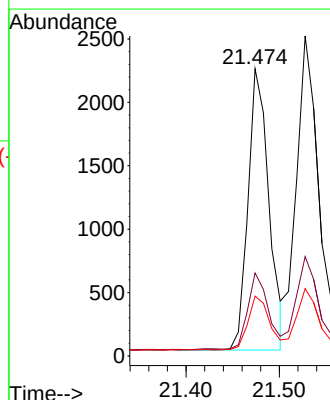
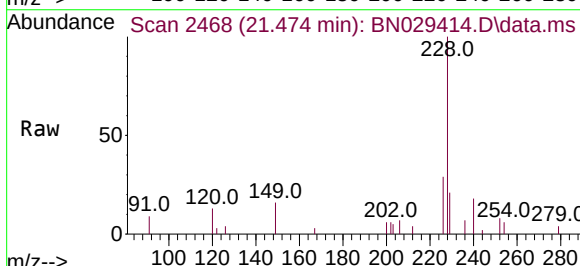
RT: 21.474 min Scan# 2468

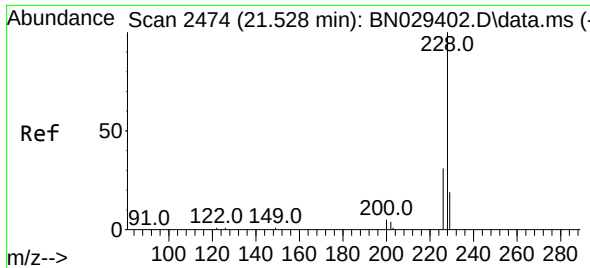
Delta R.T. -0.009 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

Tgt Ion:	228	Resp:	3448
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.2	33.4
229	20.8	16.5	24.7





#33

Chrysene

Concen: 0.178 ng

RT: 21.528 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

Instrument :

BNA_N

ClientSampleId :

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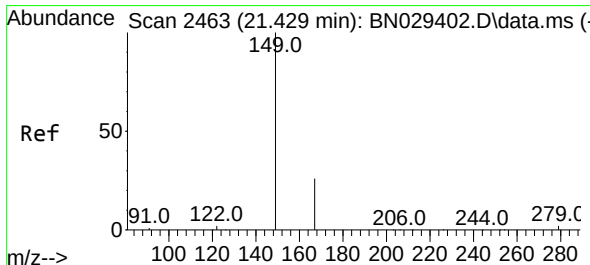
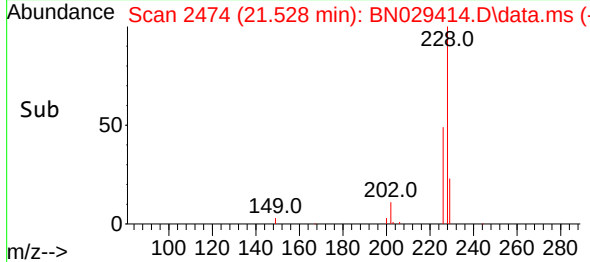
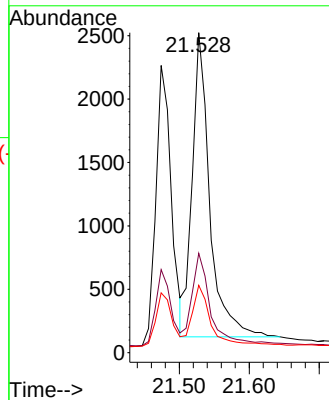
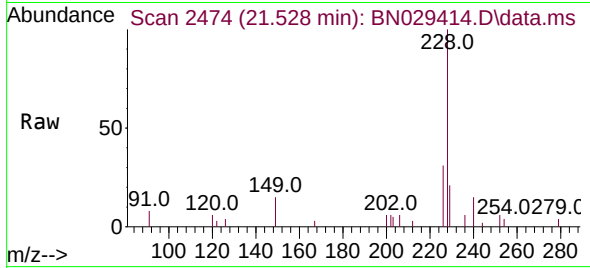
Tgt Ion:228 Resp: 4172

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

229 21.0 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.172 ng

RT: 21.429 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

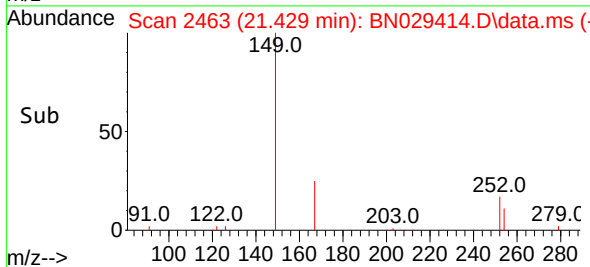
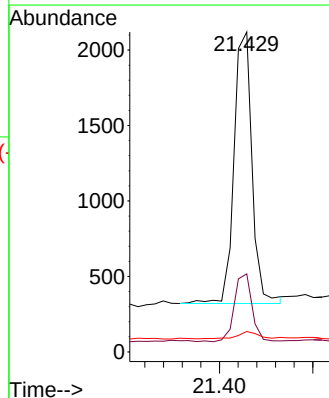
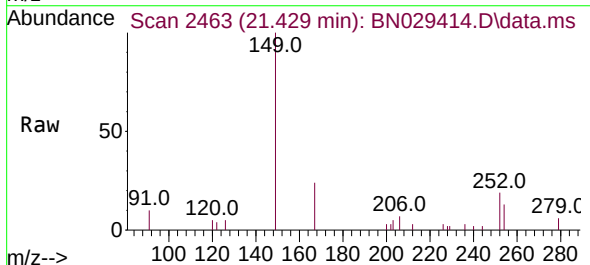
Tgt Ion:149 Resp: 2419

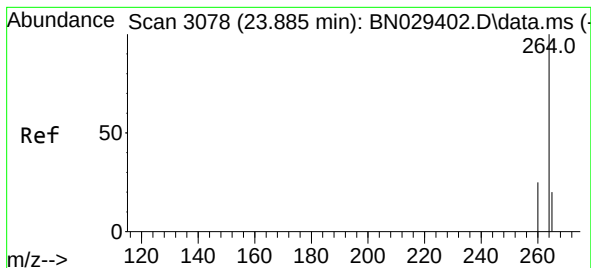
Ion Ratio Lower Upper

149 100

167 24.6 20.1 30.1

279 3.0 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.879 min Scan# 3076

Delta R.T. -0.006 min

Lab File: BN029414.D

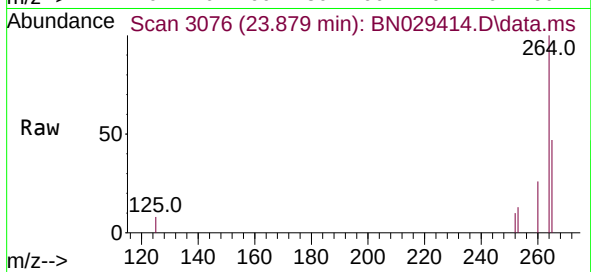
Acq: 30 Jan 2024 14:46

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023



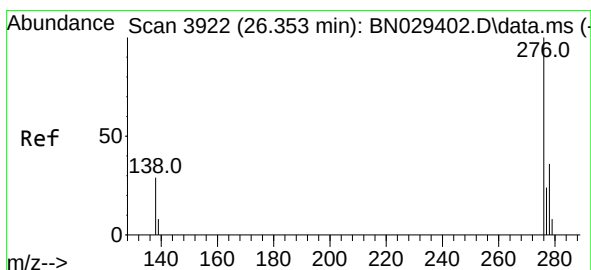
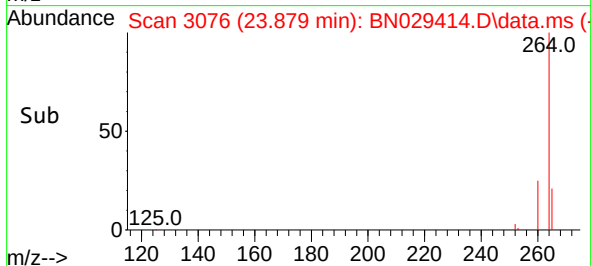
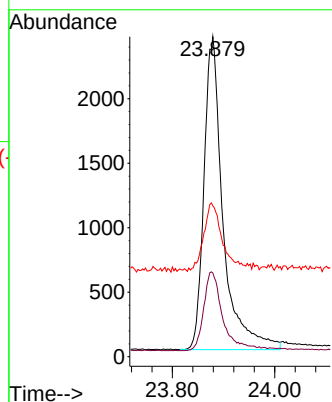
Tgt Ion:264 Resp: 6291

Ion Ratio Lower Upper

264 100

260 26.2 21.2 31.8

265 47.2 41.5 62.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.164 ng

RT: 26.341 min Scan# 3918

Delta R.T. -0.012 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

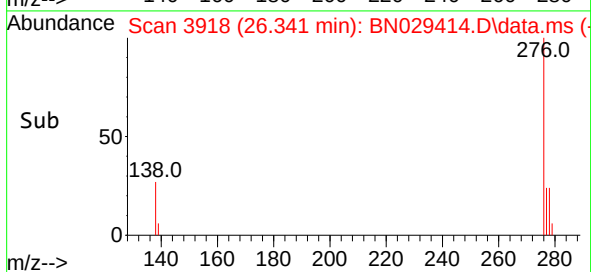
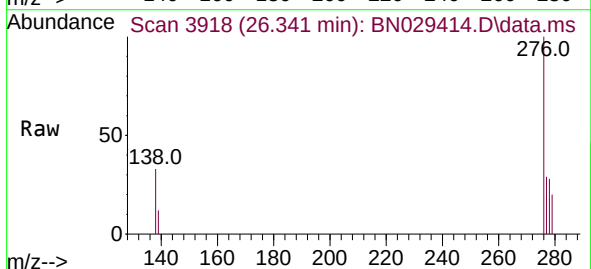
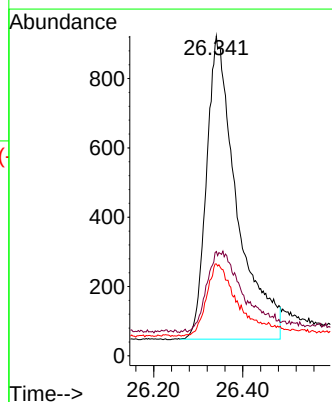
Tgt Ion:276 Resp: 4140

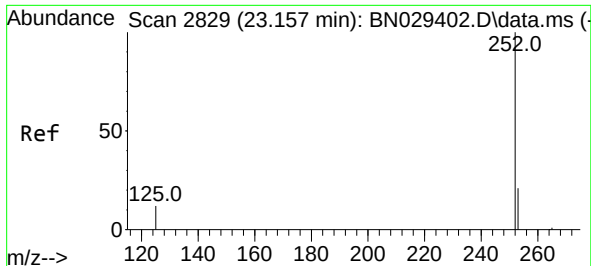
Ion Ratio Lower Upper

276 100

138 10.1 20.5 30.7#

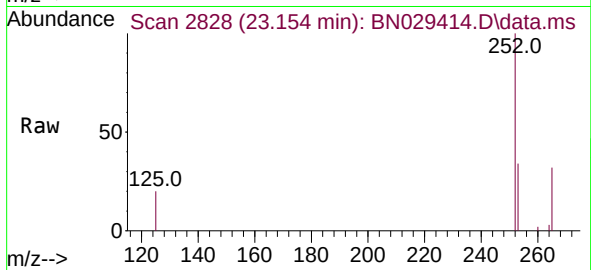
277 23.8 17.0 25.4



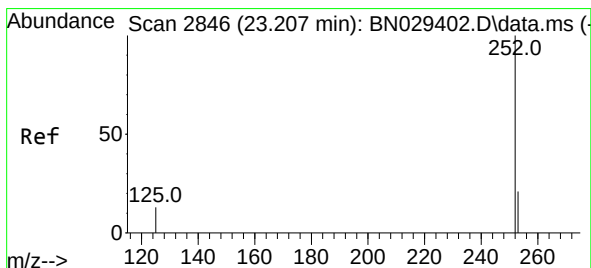
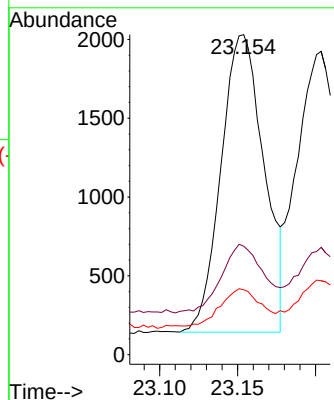


#37
Benzo(b)fluoranthene
Concen: 0.161 ng
RT: 23.154 min Scan# 2828
Delta R.T. -0.003 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

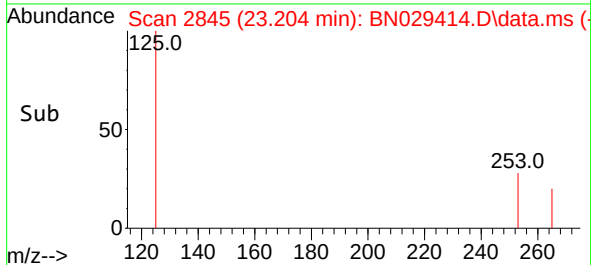
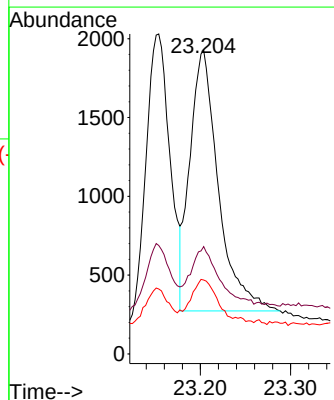
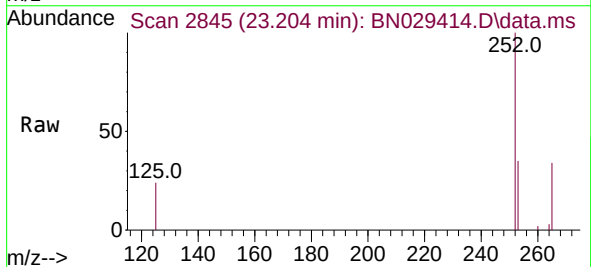


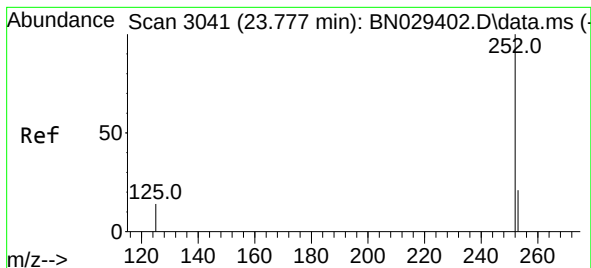
Tgt Ion:252 Resp: 3622
Ion Ratio Lower Upper
252 100
253 33.9 21.7 32.5#
125 20.3 13.3 19.9#



#38
Benzo(k)fluoranthene
Concen: 0.154 ng
RT: 23.204 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BN029414.D
Acq: 30 Jan 2024 14:46

Tgt Ion:252 Resp: 3631
Ion Ratio Lower Upper
252 100
253 35.4 21.8 32.8#
125 24.4 13.9 20.9#





#39

Benzo(a)pyrene

Concen: 0.162 ng

RT: 23.771 min Scan# 3041

Delta R.T. -0.006 min

Lab File: BN029414.D

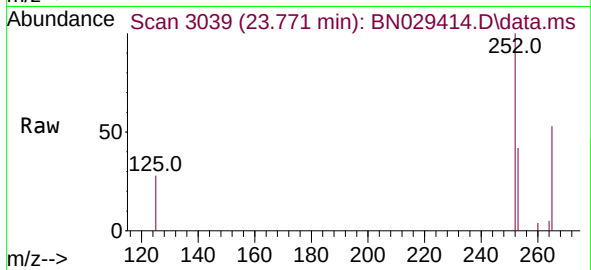
Acq: 30 Jan 2024 14:46

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023



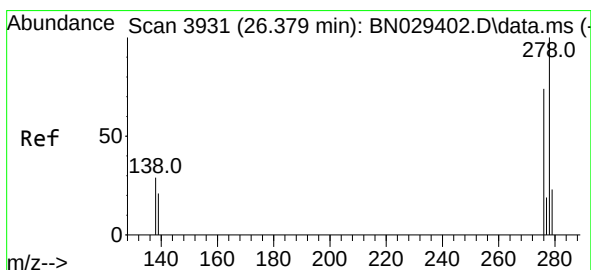
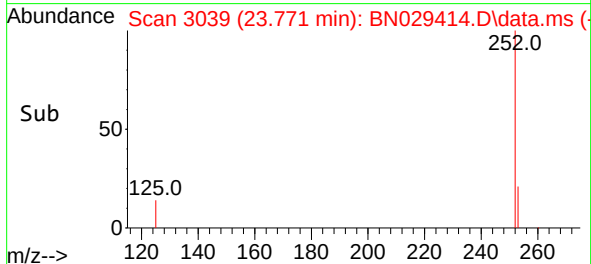
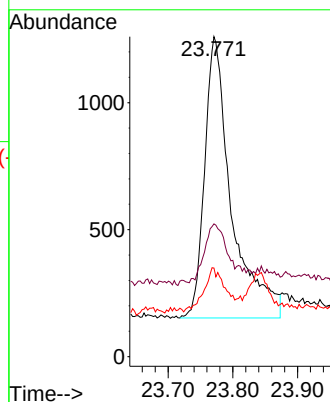
Tgt Ion:252 Resp: 3183

Ion Ratio Lower Upper

252 100

253 41.5 24.9 37.3#

125 27.7 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.160 ng

RT: 26.376 min Scan# 3930

Delta R.T. -0.003 min

Lab File: BN029414.D

Acq: 30 Jan 2024 14:46

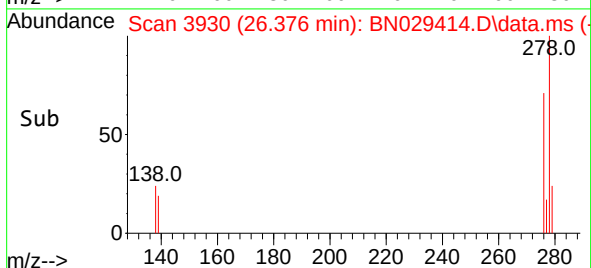
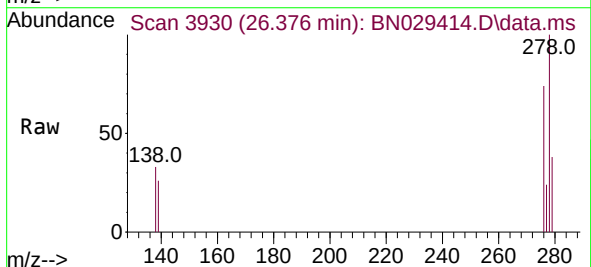
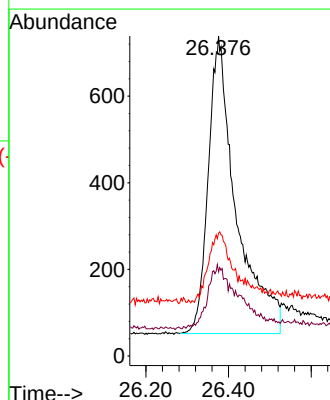
Tgt Ion:278 Resp: 3221

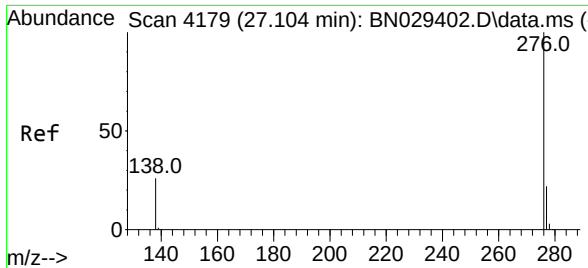
Ion Ratio Lower Upper

278 100

139 26.3 20.4 30.6

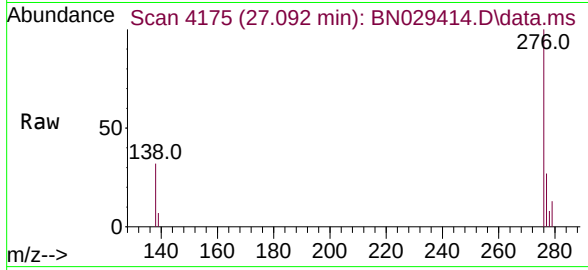
279 38.4 25.0 37.6#





#41
 Benzo(g,h,i)perylene
 Concen: 0.163 ng
 RT: 27.092 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BN029414.D
 Acq: 30 Jan 2024 14:46

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023



Tgt Ion:	276	Resp:	3989
Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.4	29.2
138	31.9	23.5	35.3

