

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
 Data File : BN036425.D
 Acq On : 11 Feb 2025 16:04
 Operator : RC/JU
 Sample : Q1168-01
 Misc : LOD-MDL-SOIL 0.1 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Quant Time: Feb 11 17:00:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

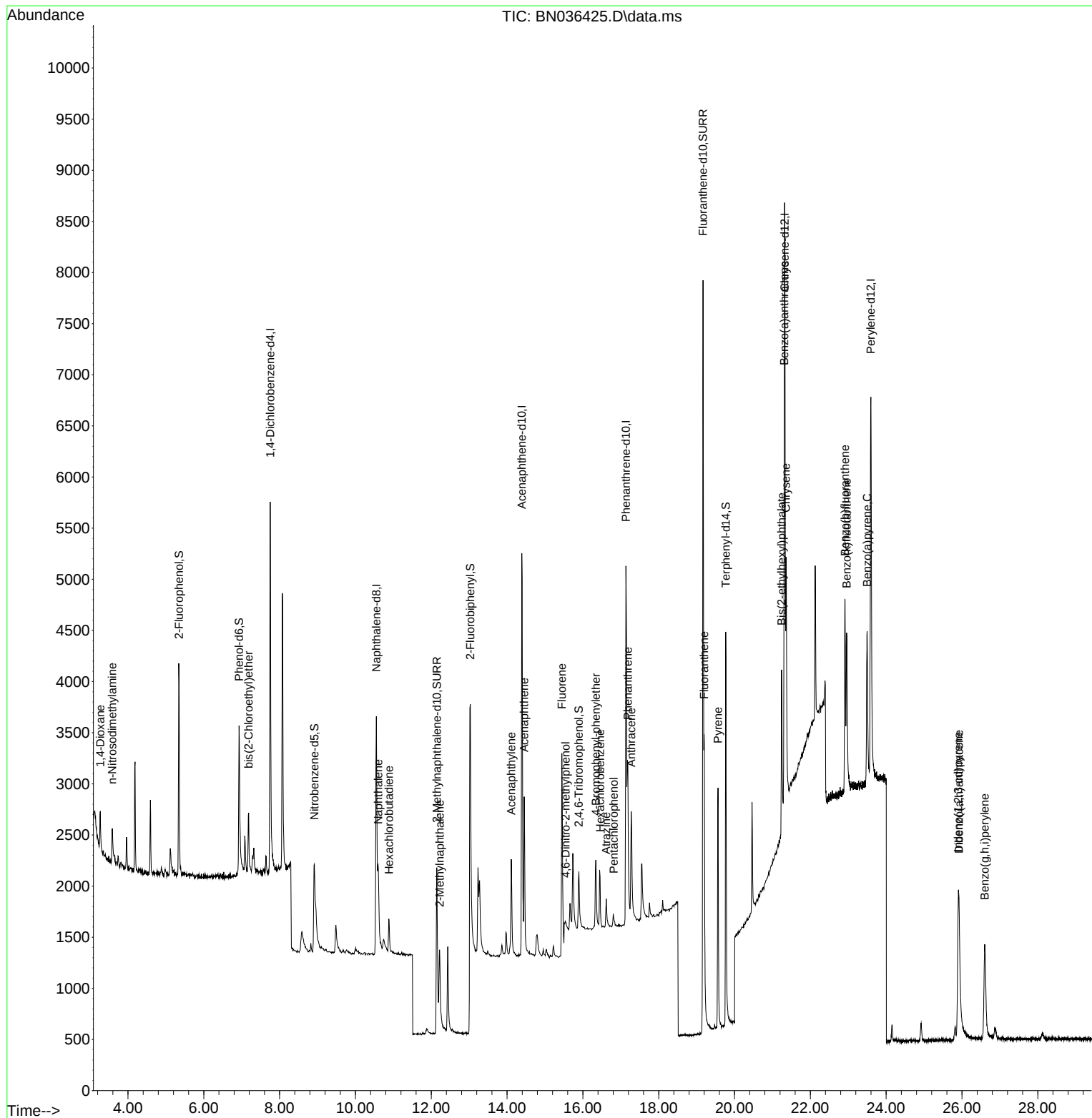
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	1911	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	4412	0.400	ng	0.01
13) Acenaphthene-d10	14.387	164	2910	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	6455	0.400	ng	# 0.00
29) Chrysene-d12	21.322	240	5824	0.400	ng	0.00
35) Perylene-d12	23.595	264	6091	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1617	0.358	ng	0.00
5) Phenol-d6	6.930	99	1744	0.329	ng	0.00
8) Nitrobenzene-d5	8.918	82	1326	0.305	ng	0.01
11) 2-Methylnaphthalene-d10	12.146	152	3640	0.537	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	482	0.334	ng	0.01
15) 2-Fluorobiphenyl	13.030	172	3424	0.313	ng	0.01
27) Fluoranthene-d10	19.169	212	9920	0.553	ng	0.00
31) Terphenyl-d14	19.768	244	4661	0.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	206	0.099	ng	# 90
3) n-Nitrosodimethylamine	3.586	42	366	0.101	ng	# 99
6) bis(2-Chloroethyl)ether	7.183	93	523	0.094	ng	93
9) Naphthalene	10.605	128	1249	0.098	ng	# 83
10) Hexachlorobutadiene	10.882	225	327	0.106	ng	# 96
12) 2-Methylnaphthalene	12.222	142	790	0.095	ng	# 95
16) Acenaphthylene	14.109	152	1311	0.102	ng	98
17) Acenaphthene	14.452	154	856	0.100	ng	97
18) Fluorene	15.446	166	1202	0.098	ng	97
20) 4,6-Dinitro-2-methylph...	15.547	198	83	0.066	ng	# 7
21) 4-Bromophenyl-phenylether	16.342	248	407	0.106	ng	90
22) Hexachlorobenzene	16.453	284	529	0.111	ng	97
23) Atrazine	16.615	200	343	0.107	ng	# 82
24) Pentachlorophenol	16.813	266	108	0.048	ng	93
25) Phenanthrene	17.186	178	1871	0.100	ng	97
26) Anthracene	17.273	178	1772	0.108	ng	98
28) Fluoranthene	19.201	202	2440	0.106	ng	# 95
30) Pyrene	19.564	202	2472	0.110	ng	99
32) Benzo(a)anthracene	21.313	228	2062	0.108	ng	93
33) Chrysene	21.357	228	2423	0.117	ng	95
34) Bis(2-ethylhexyl)phtha...	21.241	149	1445	0.121	ng	98
36) Indeno(1,2,3-cd)pyrene	25.902	276	2454	0.115	ng	97
37) Benzo(b)fluoranthene	22.914	252	2316	0.115	ng	# 54
38) Benzo(k)fluoranthene	22.958	252	2256	0.109	ng	# 65
39) Benzo(a)pyrene	23.499	252	2013	0.115	ng	# 38
40) Dibenzo(a,h)anthracene	25.922	278	1894	0.113	ng	# 69
41) Benzo(g,h,i)perylene	26.601	276	2197	0.115	ng	# 86

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
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Sample : Q1168-01
Misc : LOD-MDL-SOIL 0.1 PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

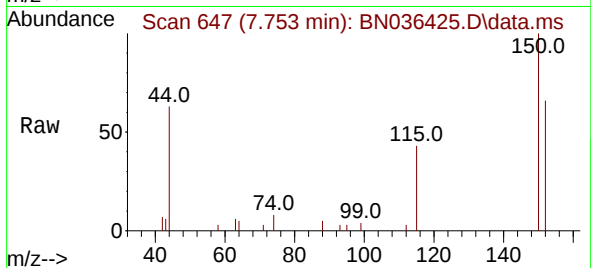
Quant Time: Feb 11 17:00:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



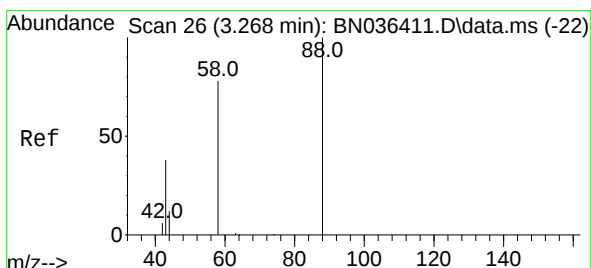
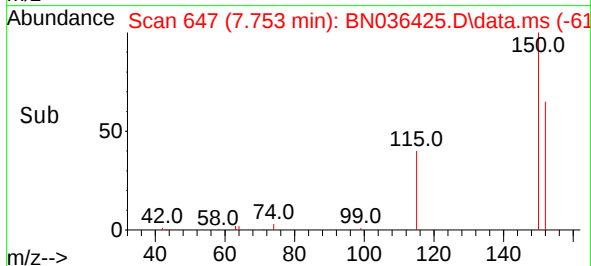
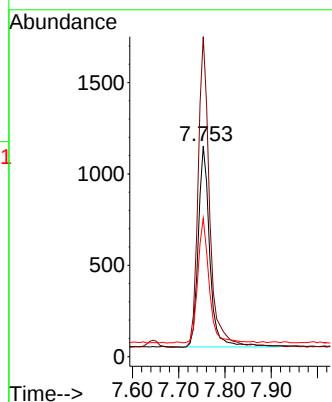


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036425.D
 Acq: 11 Feb 2025 16:04

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

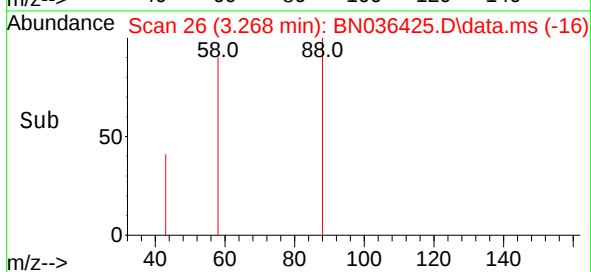
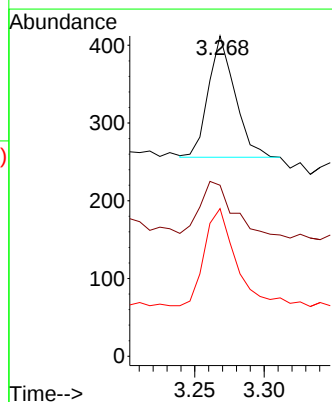
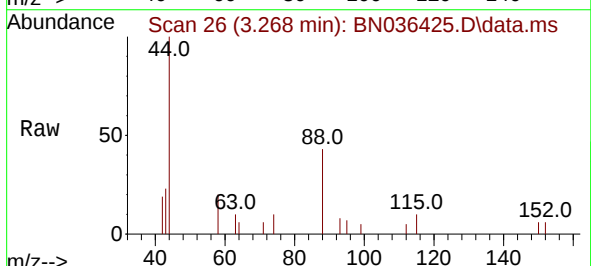


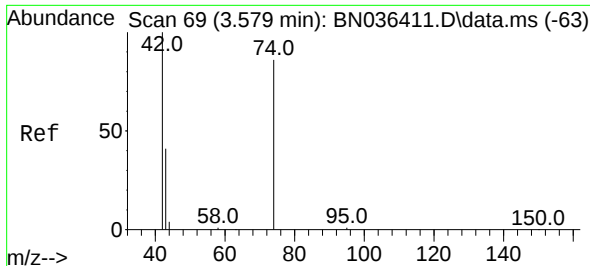
Tgt Ion:152 Resp: 1911
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.7 185.5
 115 65.8 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.099 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN036425.D
 Acq: 11 Feb 2025 16:04

Tgt Ion: 88 Resp: 206
 Ion Ratio Lower Upper
 88 100
 43 52.9 33.7 50.5#
 58 92.7 68.9 103.3

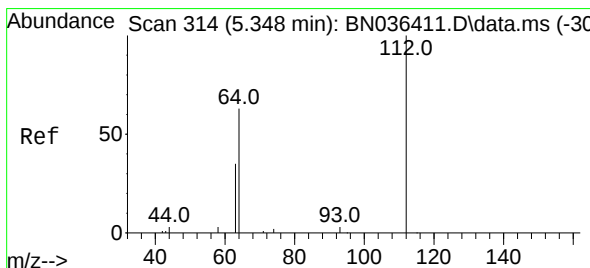
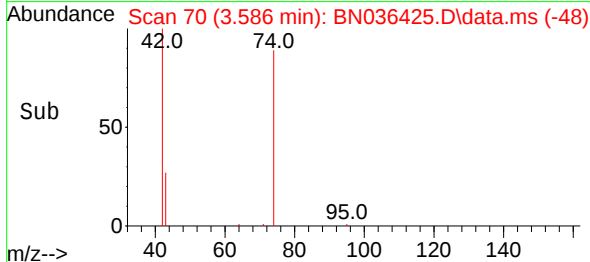
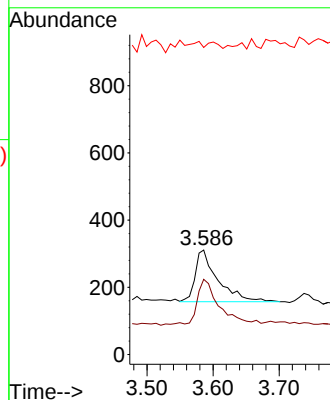
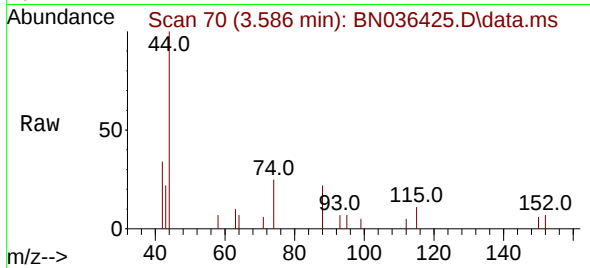




#3
 n-Nitrosodimethylamine
 Concen: 0.101 ng
 RT: 3.586 min Scan# 70
 Delta R.T. 0.007 min
 Lab File: BN036425.D
 Acq: 11 Feb 2025 16:04

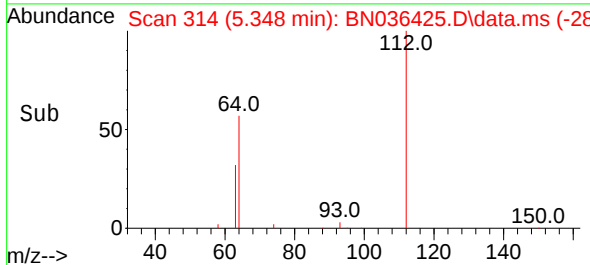
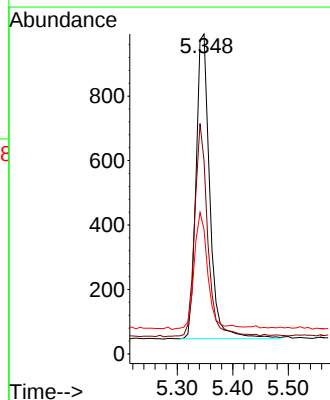
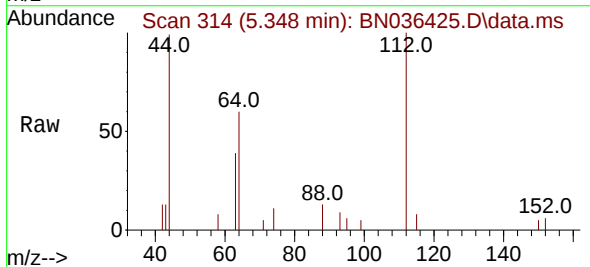
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

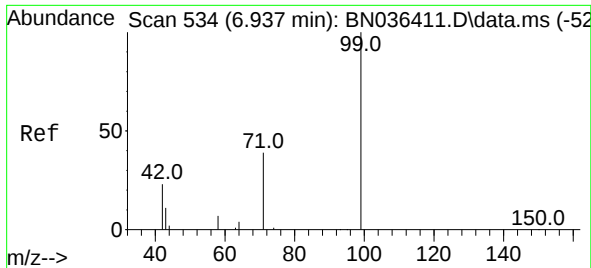
Tgt Ion: 42 Resp: 366
 Ion Ratio Lower Upper
 42 100
 74 89.9 71.8 107.6
 44 5.5 7.8 11.6#



#4
 2-Fluorophenol
 Concen: 0.358 ng
 RT: 5.348 min Scan# 314
 Delta R.T. -0.000 min
 Lab File: BN036425.D
 Acq: 11 Feb 2025 16:04

Tgt Ion: 112 Resp: 1617
 Ion Ratio Lower Upper
 112 100
 64 65.7 53.4 80.0
 63 38.5 30.3 45.5

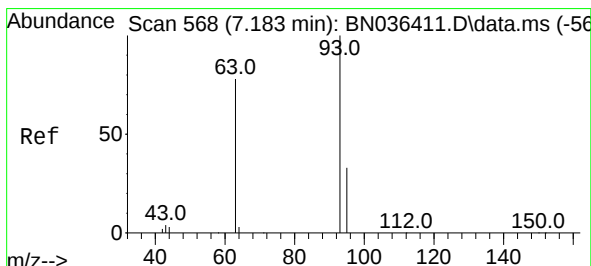
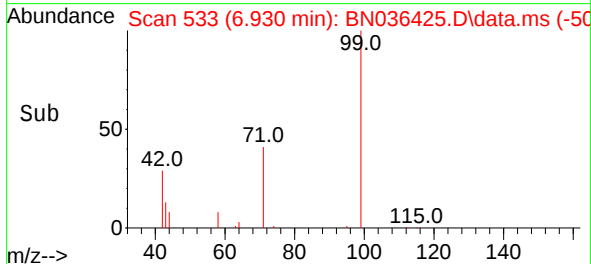
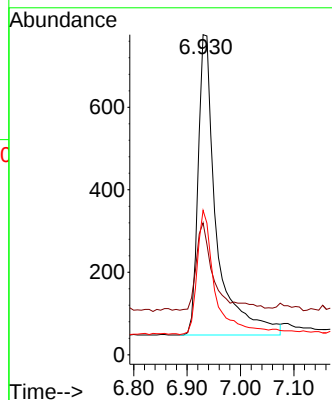
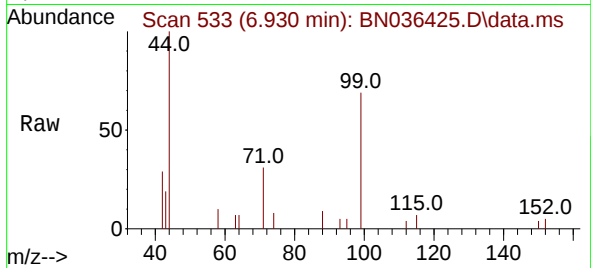




#5
Phenol-d6
Concen: 0.329 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

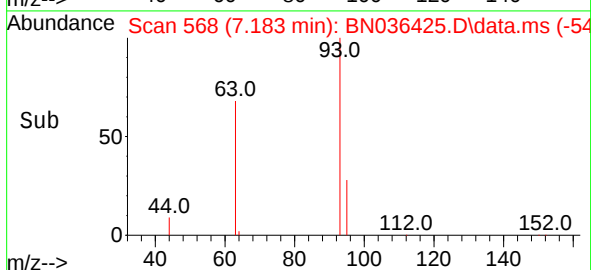
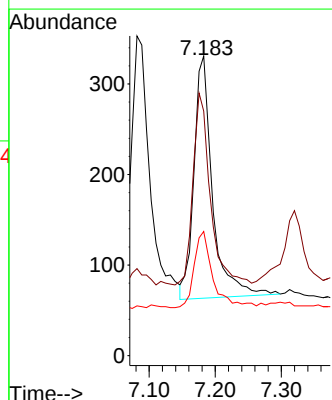
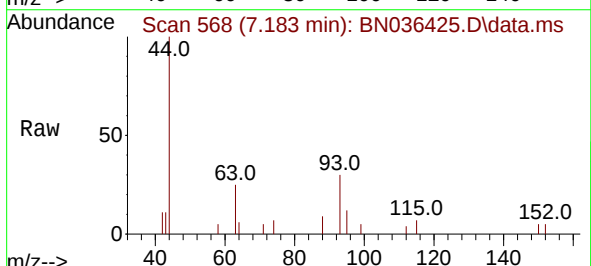
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

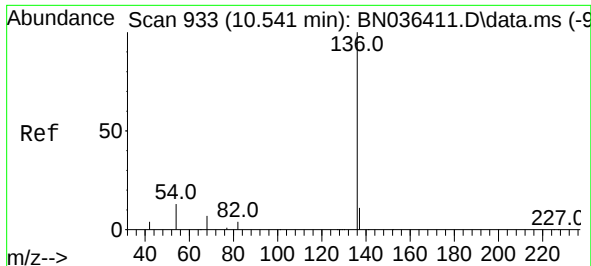
Tgt Ion: 99 Resp: 1744
Ion Ratio Lower Upper
99 100
42 28.2 21.7 32.5
71 40.3 32.6 49.0



#6
bis(2-Chloroethyl)ether
Concen: 0.094 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion: 93 Resp: 523
Ion Ratio Lower Upper
93 100
63 74.2 66.3 99.5
95 31.7 26.2 39.4

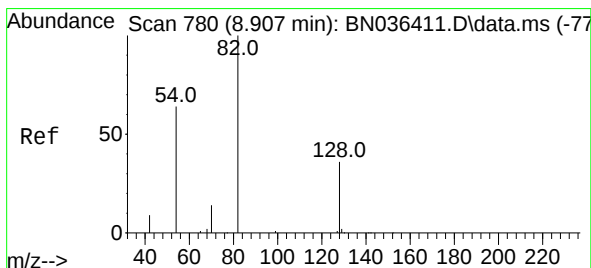
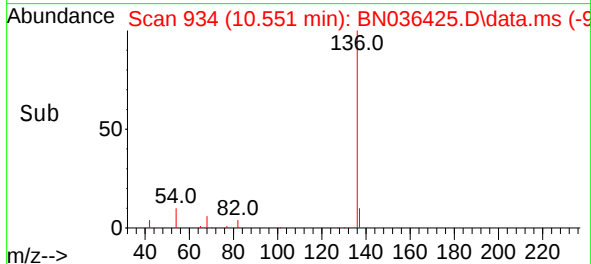
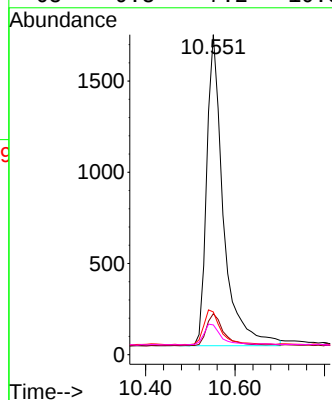
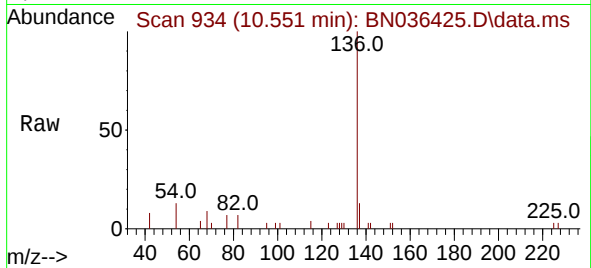




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

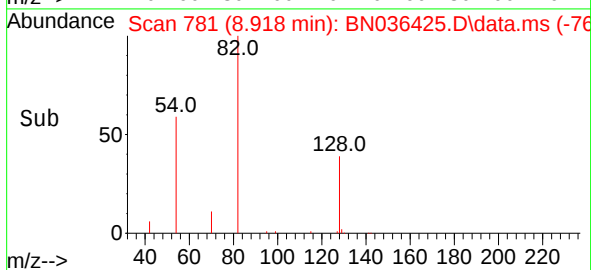
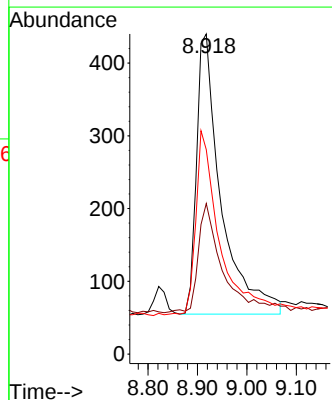
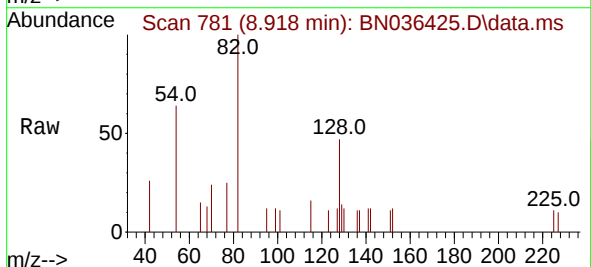
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

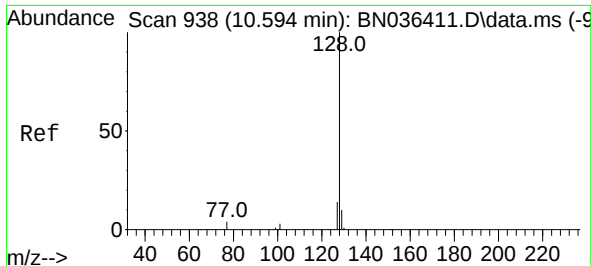
Tgt Ion:	136	Resp:	4412
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.1	15.1
54	13.3	11.8	17.6
68	9.3	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.011 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion:	82	Resp:	1326
Ion	Ratio	Lower	Upper
82	100		
128	47.0	31.9	47.9
54	63.9	53.1	79.7

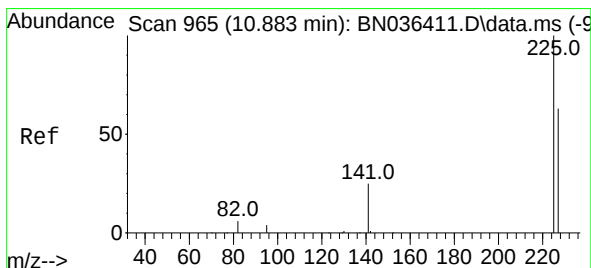
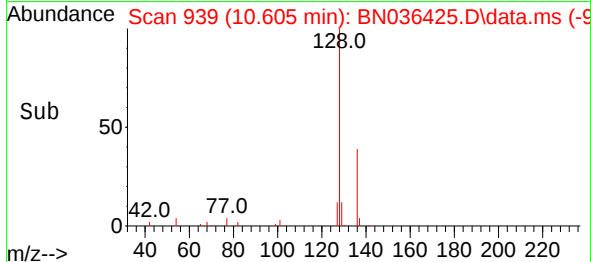
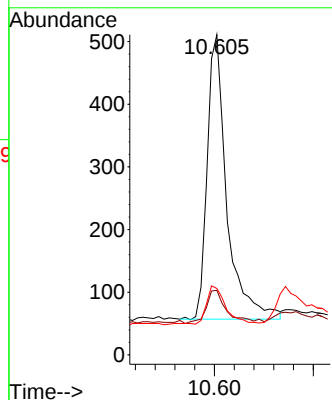
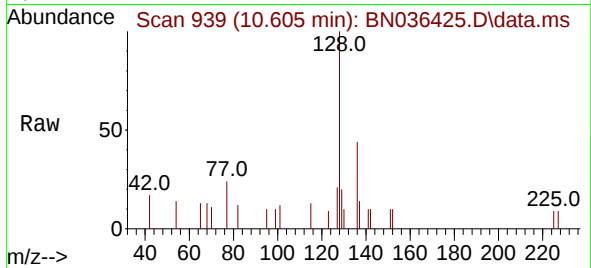




#9
Naphthalene
Concen: 0.098 ng
RT: 10.605 min Scan# 938
Delta R.T. 0.011 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

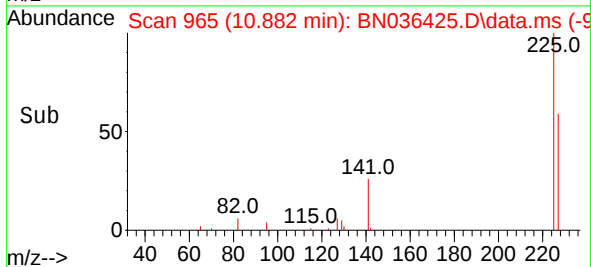
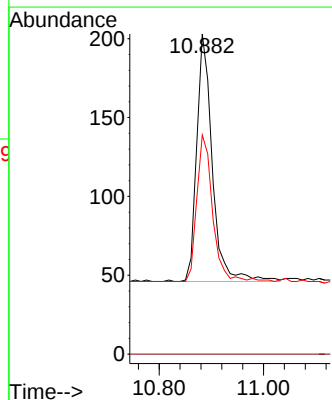
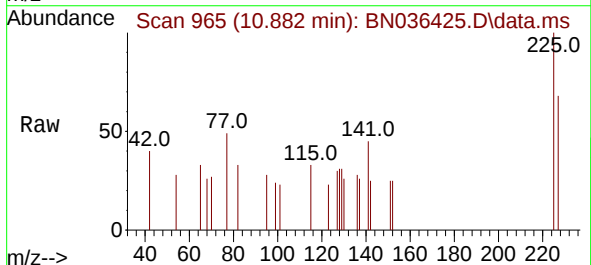
Instrument :
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LOD-MDL-SOIL-01-QT1-2025

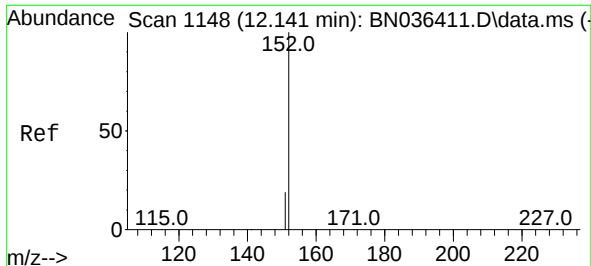
Tgt Ion:128 Resp: 1249
Ion Ratio Lower Upper
128 100
129 20.2 9.6 14.4#
127 20.7 12.0 18.0#



#10
Hexachlorobutadiene
Concen: 0.106 ng
RT: 10.882 min Scan# 965
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion:225 Resp: 327
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 60.2 50.9 76.3





#11

2-Methylnaphthalene-d10

Concen: 0.537 ng

RT: 12.146 min Scan# 1148

Delta R.T. 0.005 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

Instrument :

BNA_N

ClientSampleId :

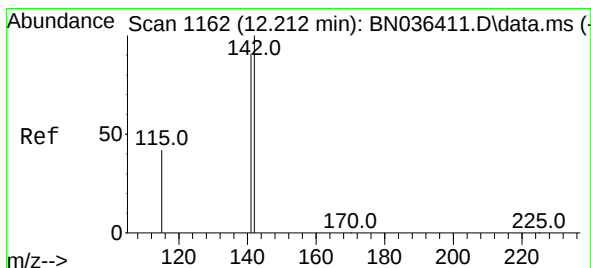
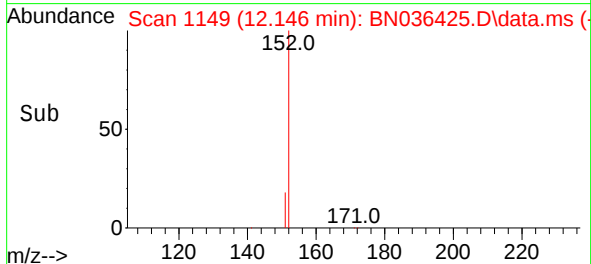
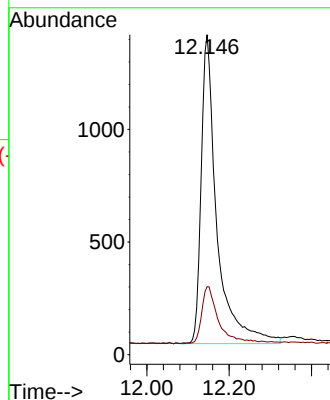
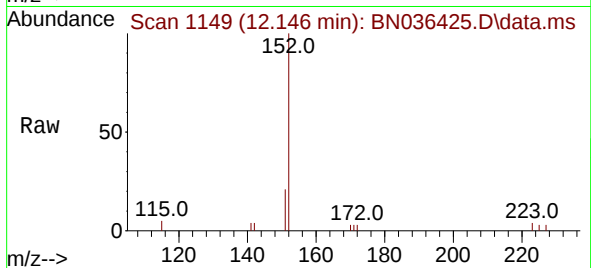
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:152 Resp: 3640

Ion Ratio Lower Upper

152 100

151 19.7 16.6 25.0



#12

2-Methylnaphthalene

Concen: 0.095 ng

RT: 12.222 min Scan# 1164

Delta R.T. 0.010 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

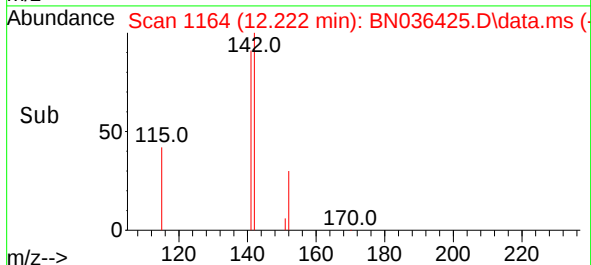
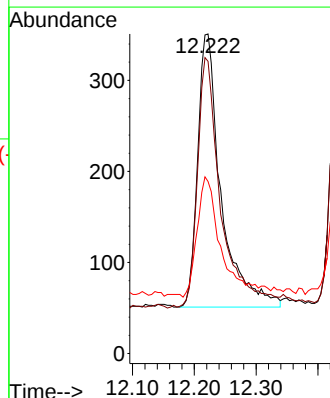
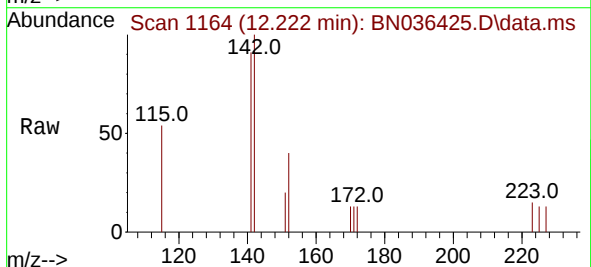
Tgt Ion:142 Resp: 790

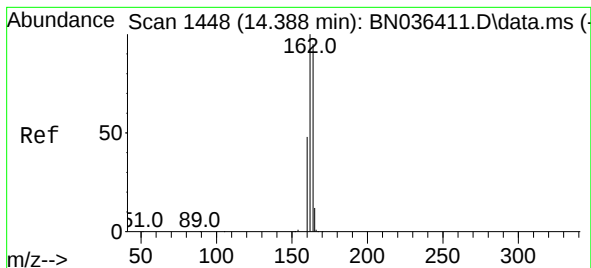
Ion Ratio Lower Upper

142 100

141 91.5 72.8 109.2

115 53.8 35.5 53.3#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.387 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

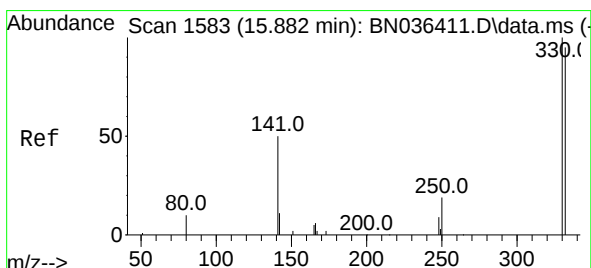
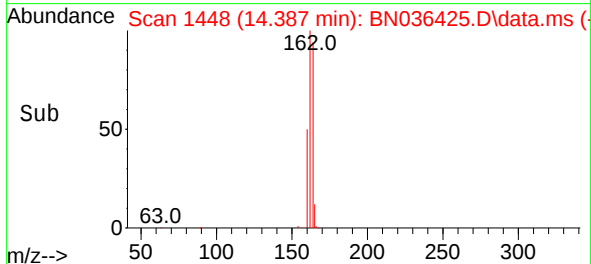
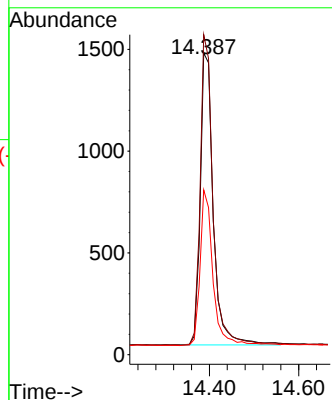
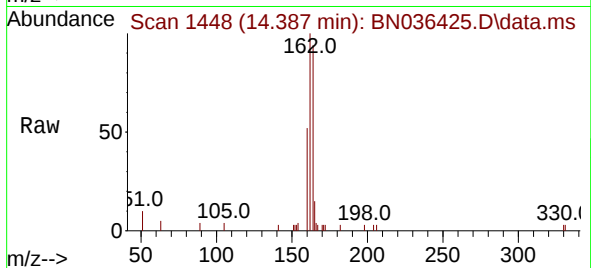
Tgt Ion:164 Resp: 2910

Ion Ratio Lower Upper

164 100

162 106.1 84.1 126.1

160 54.7 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.334 ng

RT: 15.895 min Scan# 1584

Delta R.T. 0.012 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

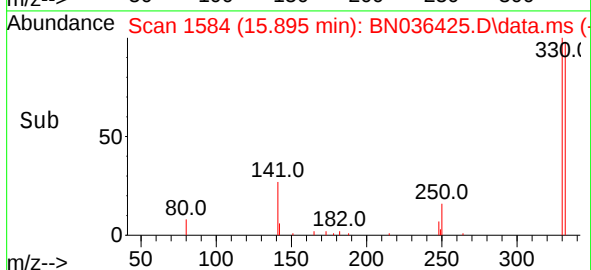
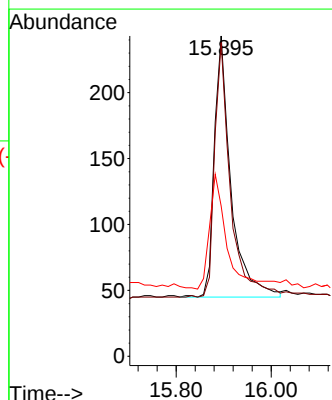
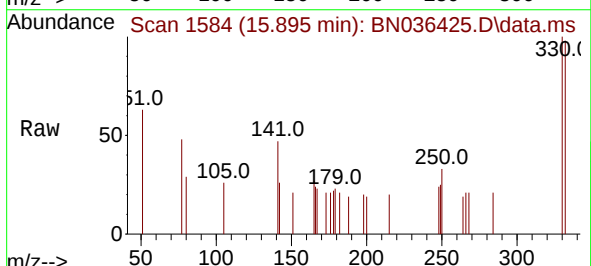
Tgt Ion:330 Resp: 482

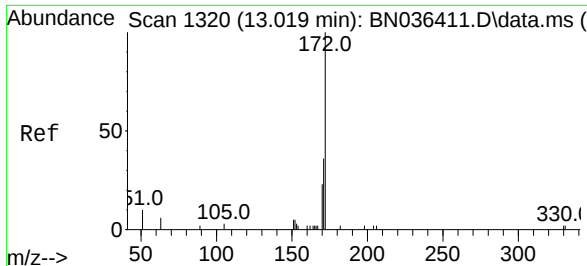
Ion Ratio Lower Upper

330 100

332 92.1 76.6 114.8

141 45.4 37.8 56.8

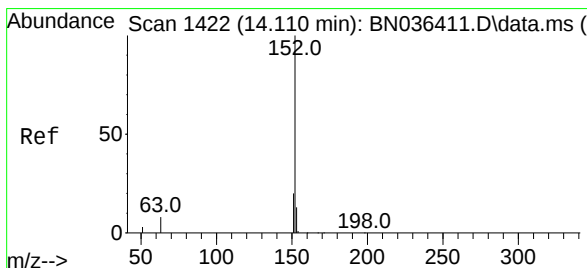
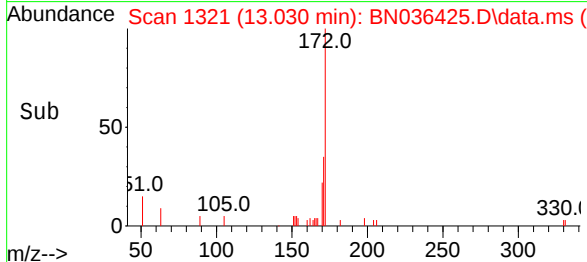
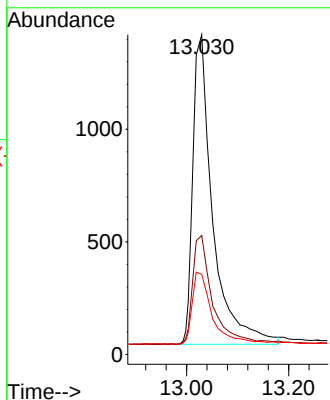
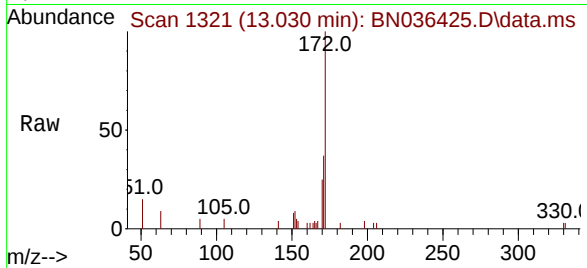




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.030 min Scan# 1320
Delta R.T. 0.011 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

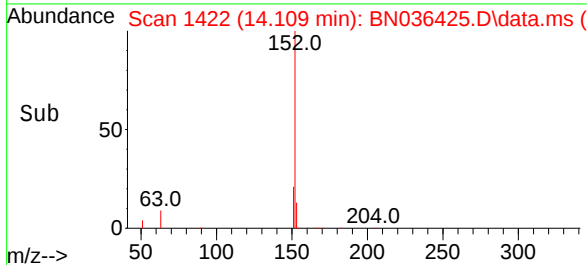
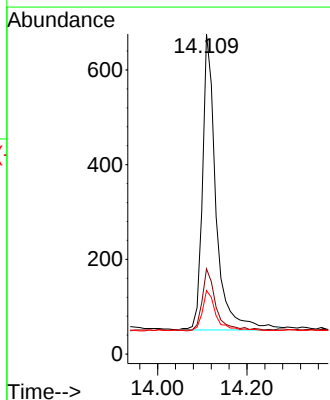
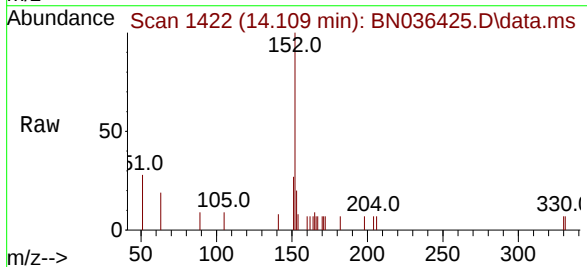
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

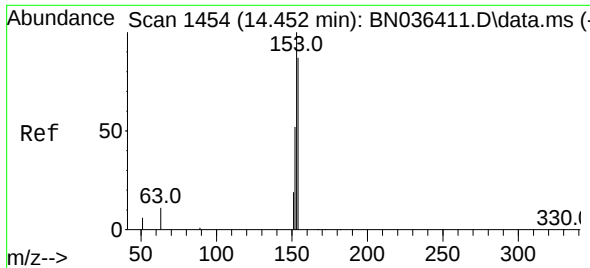
Tgt Ion:172 Resp: 3424
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 25.1 19.8 29.6



#16
Acenaphthylene
Concen: 0.102 ng
RT: 14.109 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion:152 Resp: 1311
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 14.1 10.2 15.2

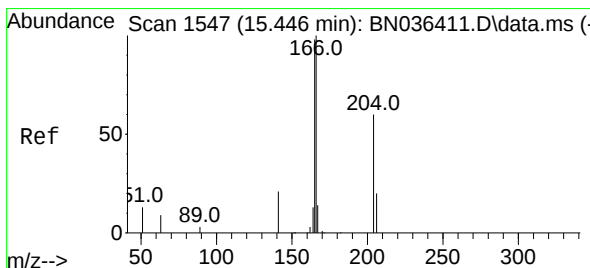
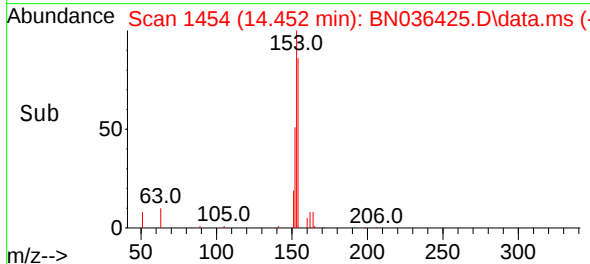
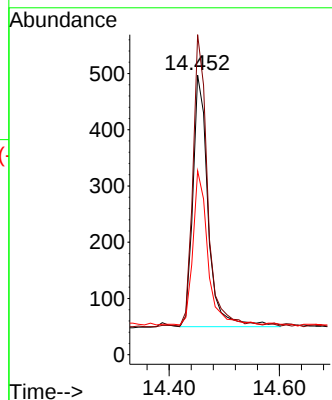
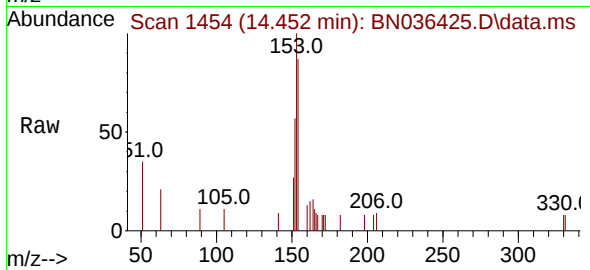




#17
Acenaphthene
Concen: 0.100 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

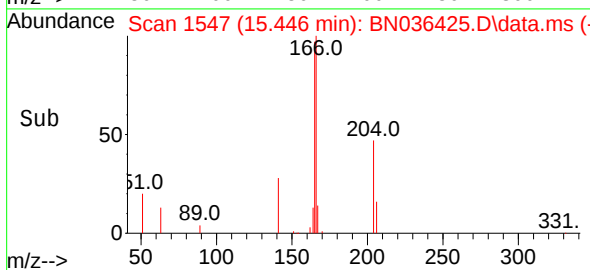
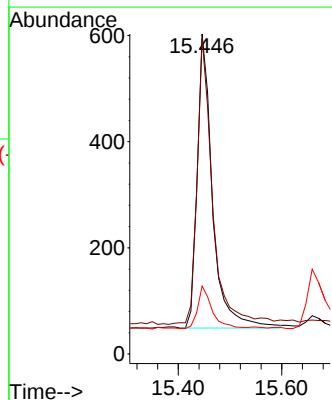
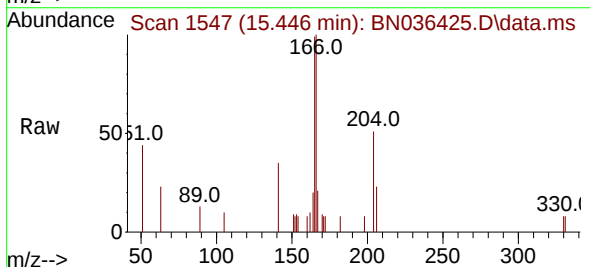
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

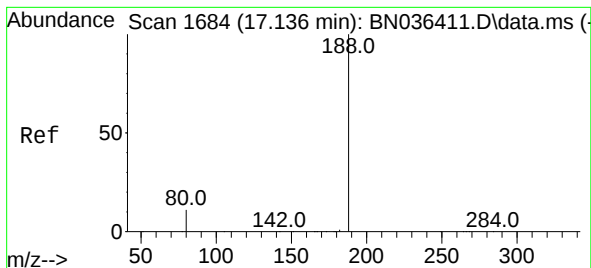
Tgt Ion:154 Resp: 856
Ion Ratio Lower Upper
154 100
153 113.2 93.3 139.9
152 58.2 48.8 73.2



#18
Fluorene
Concen: 0.098 ng
RT: 15.446 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion:166 Resp: 1202
Ion Ratio Lower Upper
166 100
165 96.6 79.5 119.3
167 13.1 10.4 15.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

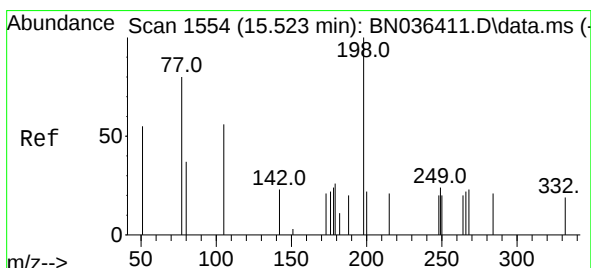
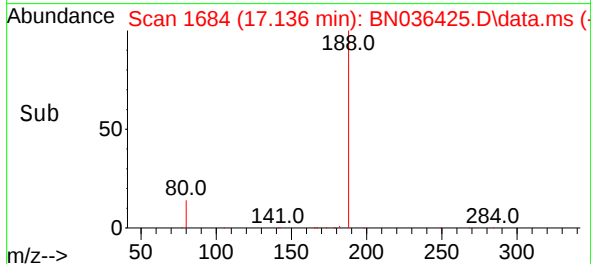
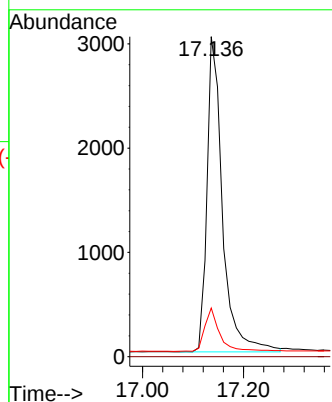
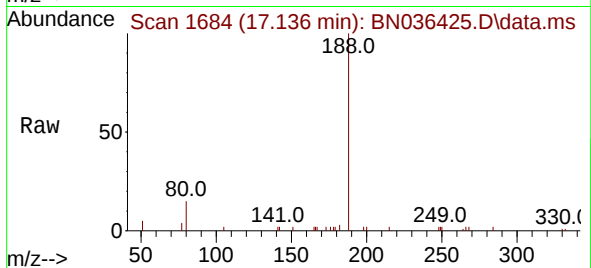
Tgt Ion:188 Resp: 6455

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.2 9.8 14.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.066 ng

RT: 15.547 min Scan# 1556

Delta R.T. 0.024 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

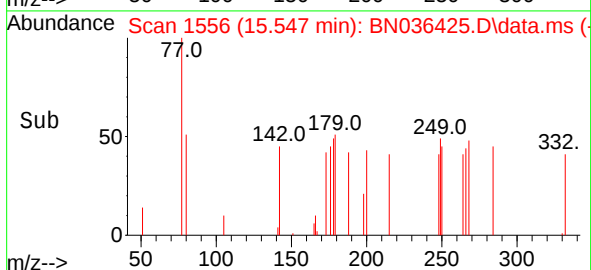
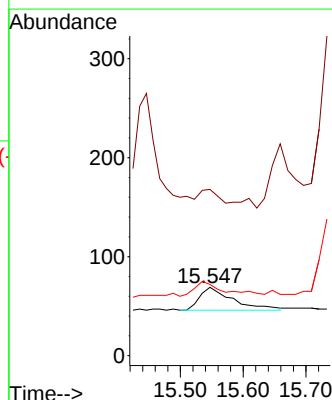
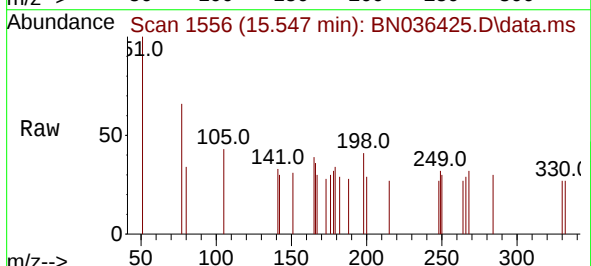
Tgt Ion:198 Resp: 83

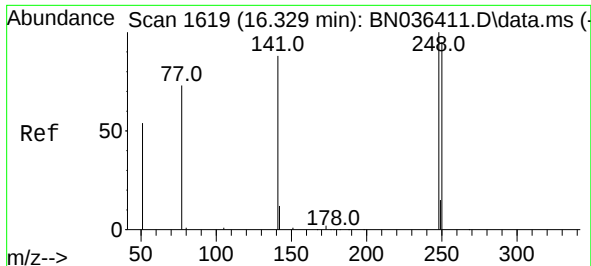
Ion Ratio Lower Upper

198 100

51 243.5 86.6 129.8#

105 104.3 57.5 86.3#

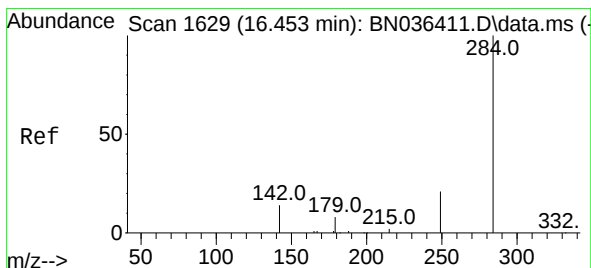
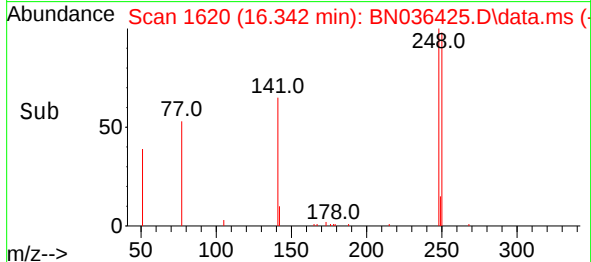
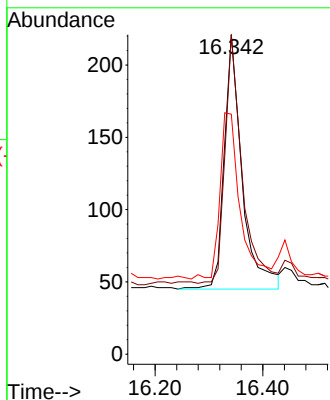
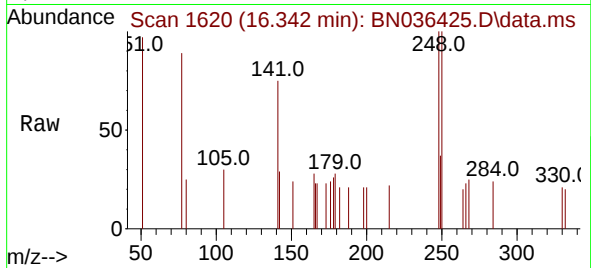




#21
4-Bromophenyl-phenylether
Concen: 0.106 ng
RT: 16.342 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

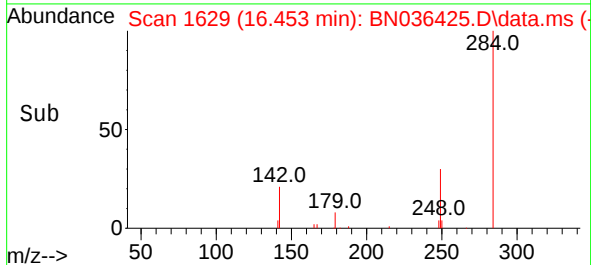
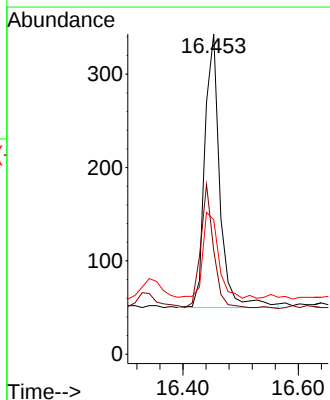
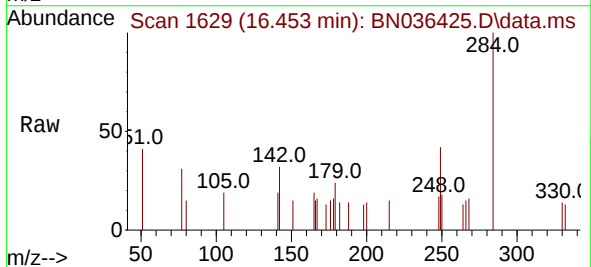
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

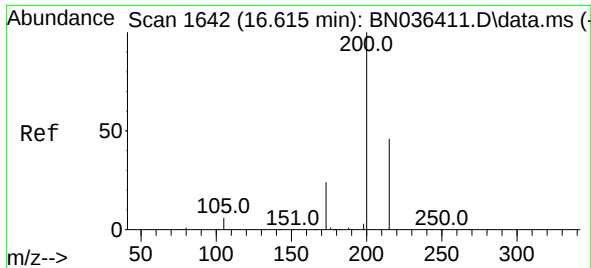
Tgt Ion:	248	Resp:	407
Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.1	114.1
141	75.1	71.7	107.5



#22
Hexachlorobenzene
Concen: 0.111 ng
RT: 16.453 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion:	284	Resp:	529
Ion	Ratio	Lower	Upper
284	100		
142	39.1	33.4	50.0
249	36.7	28.6	43.0

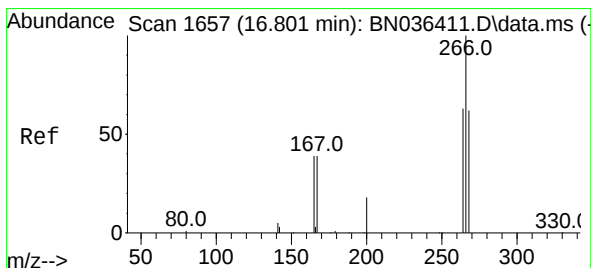
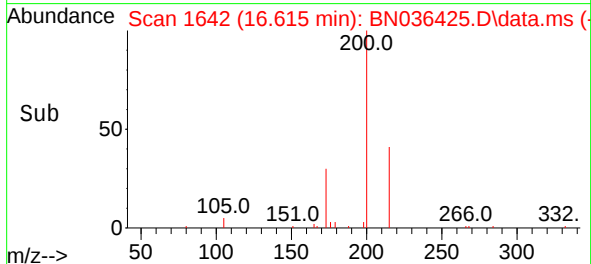
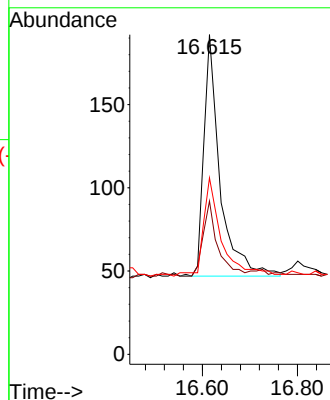
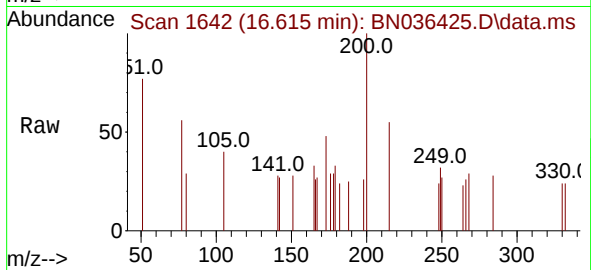




#23
Atrazine
Concen: 0.107 ng
RT: 16.615 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

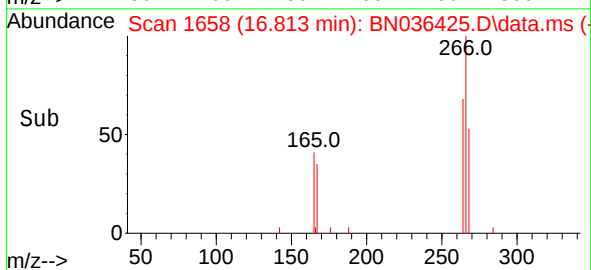
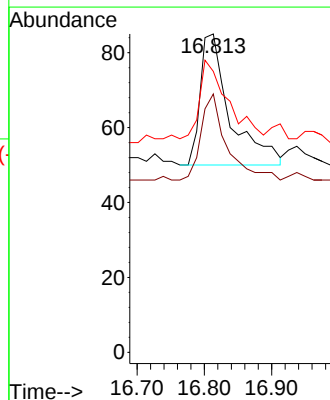
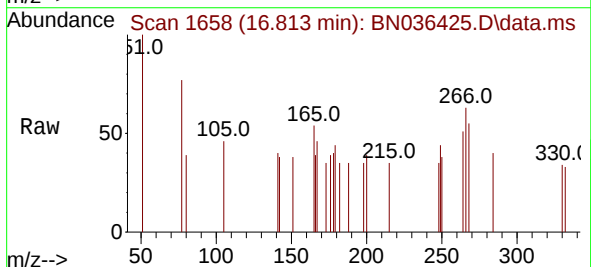
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

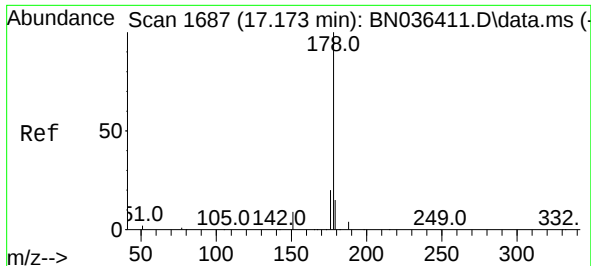
Tgt Ion:200 Resp: 343
Ion Ratio Lower Upper
200 100
173 47.9 23.2 34.8#
215 55.2 40.0 60.0



#24
Pentachlorophenol
Concen: 0.048 ng
RT: 16.813 min Scan# 1658
Delta R.T. 0.012 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion:266 Resp: 108
Ion Ratio Lower Upper
266 100
264 56.5 50.6 76.0
268 61.1 51.9 77.9

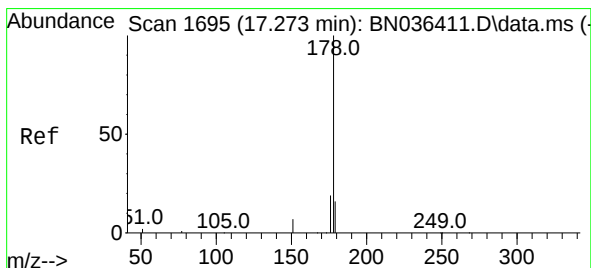
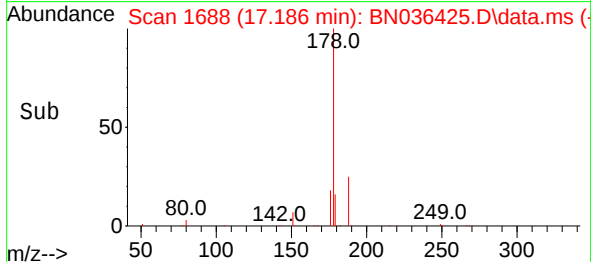
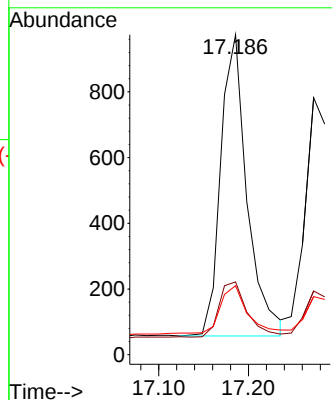
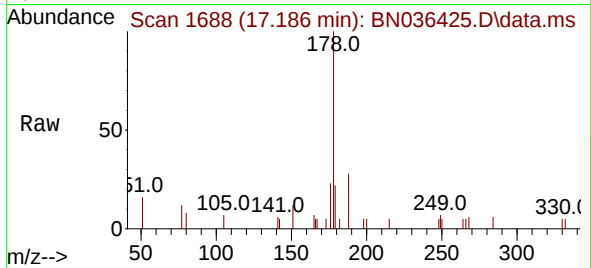




#25
Phenanthrene
Concen: 0.100 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.012 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

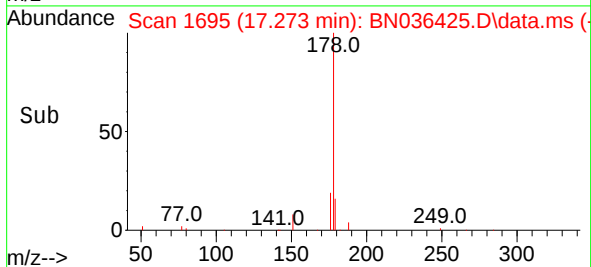
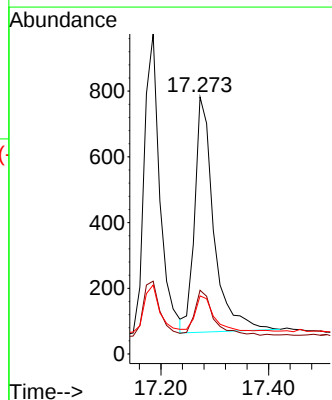
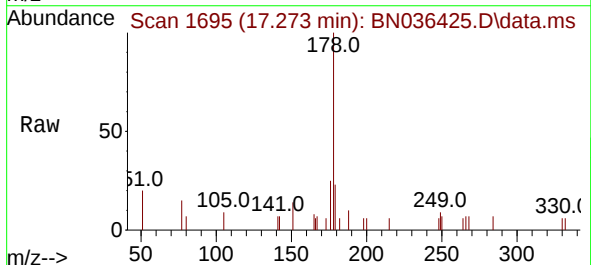
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

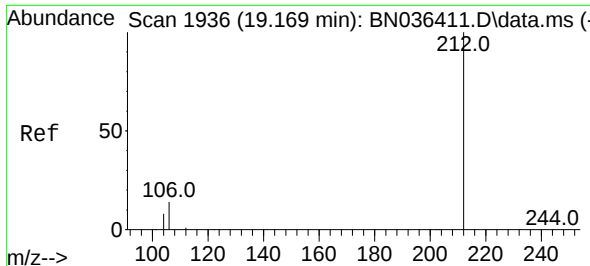
Tgt Ion:178 Resp: 1871
Ion Ratio Lower Upper
178 100
176 20.7 15.7 23.5
179 16.9 12.4 18.6



#26
Anthracene
Concen: 0.108 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion:178 Resp: 1772
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 14.4 12.4 18.6

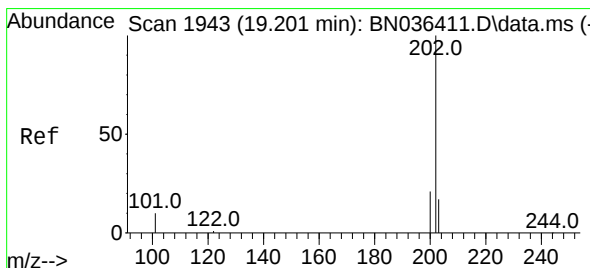
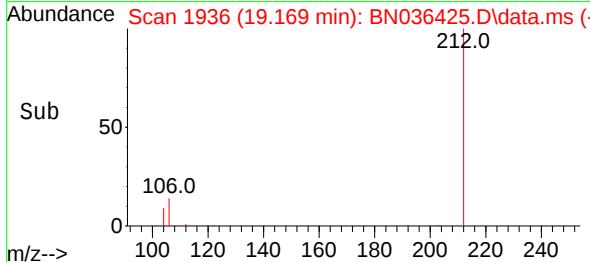
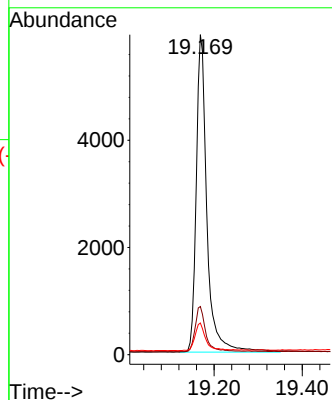
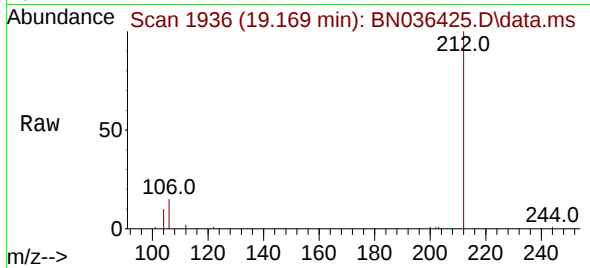




#27
Fluoranthene-d10
Concen: 0.553 ng
RT: 19.169 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

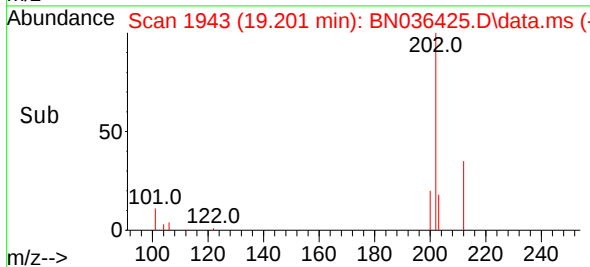
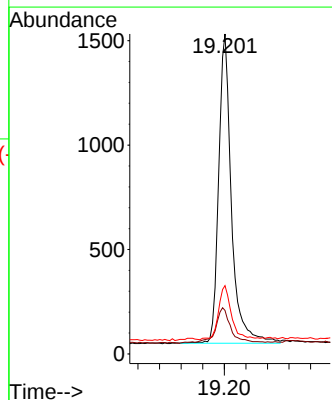
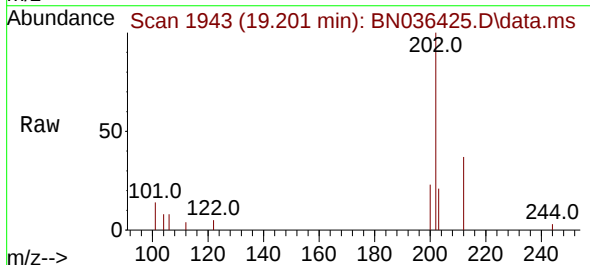
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

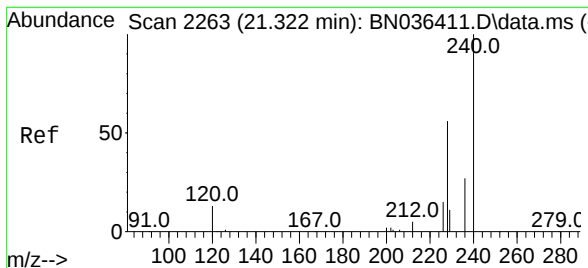
Tgt Ion:212 Resp: 9920
Ion Ratio Lower Upper
212 100
106 14.2 11.5 17.3
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.106 ng
RT: 19.201 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion:202 Resp: 2440
Ion Ratio Lower Upper
202 100
101 14.1 9.2 13.8#
203 18.1 13.4 20.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.322 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

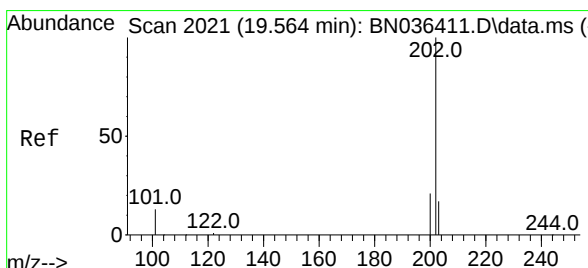
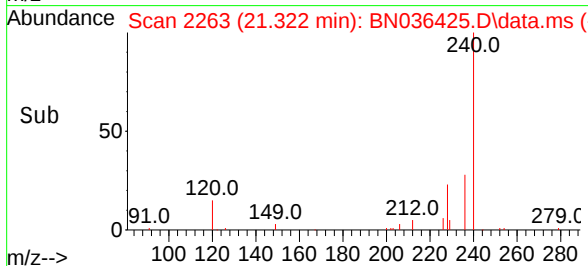
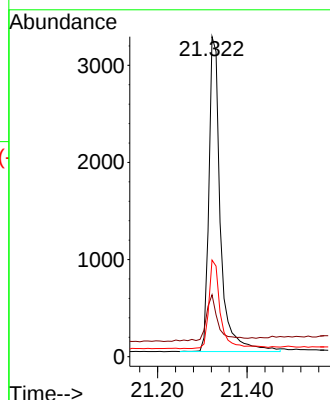
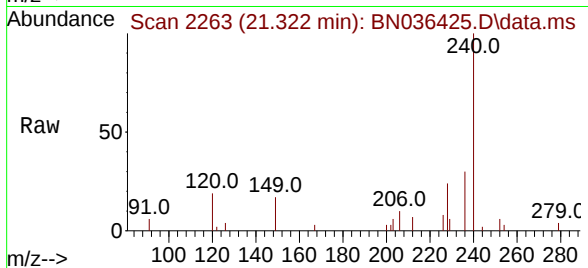
Tgt Ion:240 Resp: 5824

Ion Ratio Lower Upper

240 100

120 19.4 13.3 19.9

236 30.2 23.0 34.6



#30

Pyrene

Concen: 0.110 ng

RT: 19.564 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

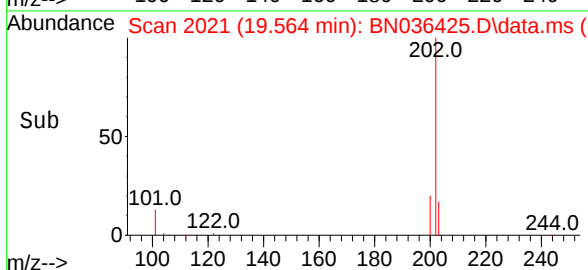
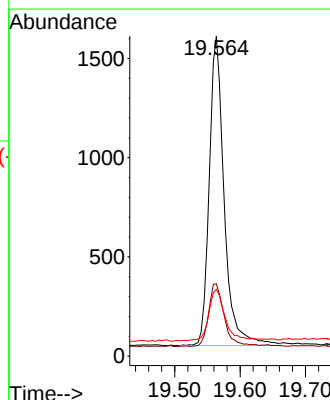
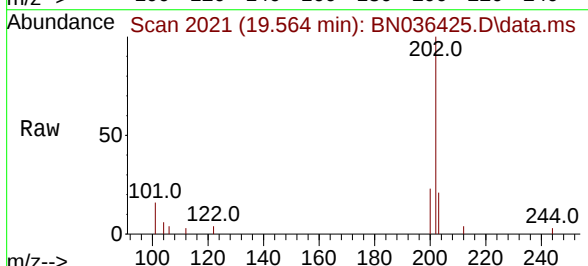
Tgt Ion:202 Resp: 2472

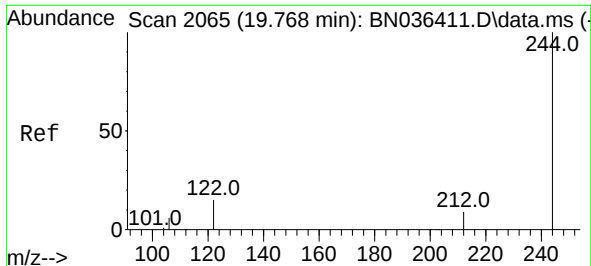
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 18.1 13.9 20.9

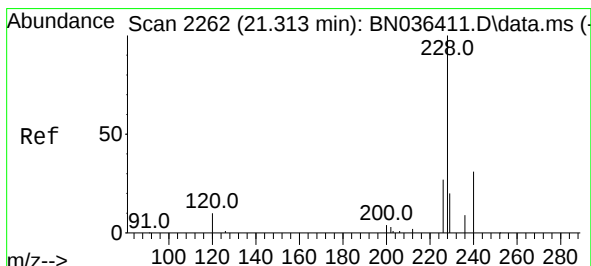
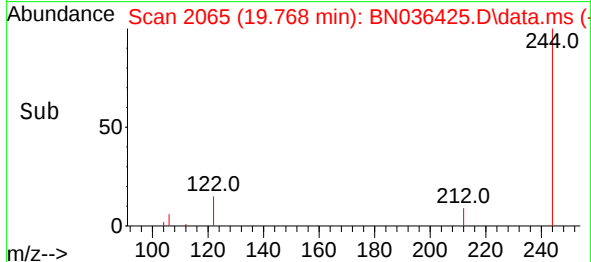
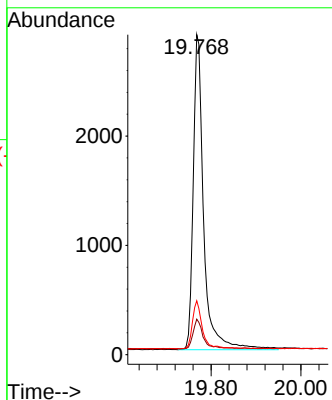
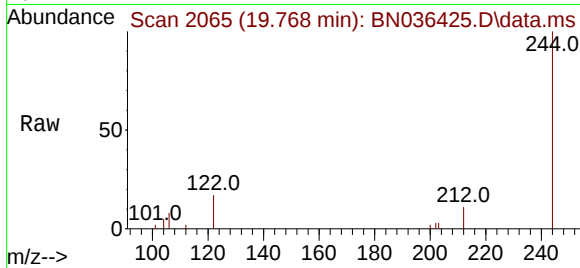




#31
 Terphenyl-d14
 Concen: 0.375 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN036425.D
 Acq: 11 Feb 2025 16:04

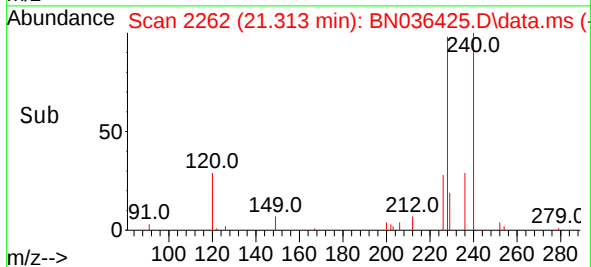
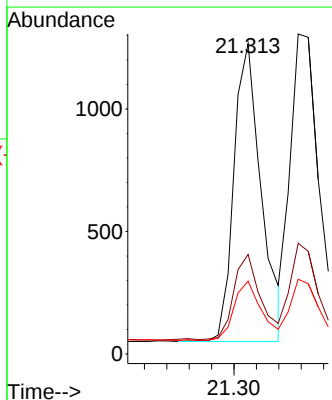
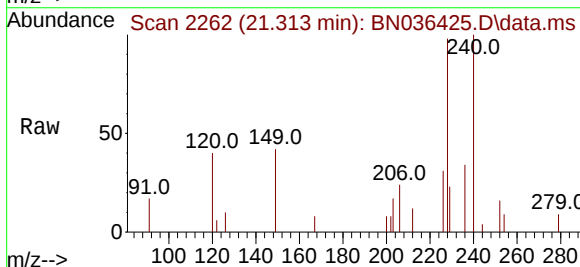
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

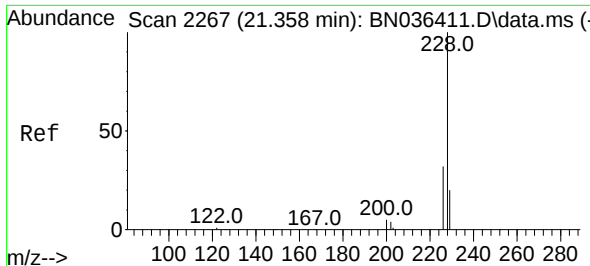
Tgt Ion:	244	Resp:	4661
Ion Ratio	Lower	Upper	
244	100		
212	11.1	8.1	12.1
122	16.9	12.8	19.2



#32
 Benzo(a)anthracene
 Concen: 0.108 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.000 min
 Lab File: BN036425.D
 Acq: 11 Feb 2025 16:04

Tgt Ion:	228	Resp:	2062
Ion Ratio	Lower	Upper	
228	100		
226	32.0	22.2	33.2
229	23.4	16.5	24.7

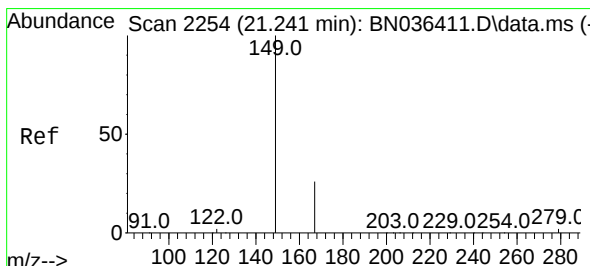
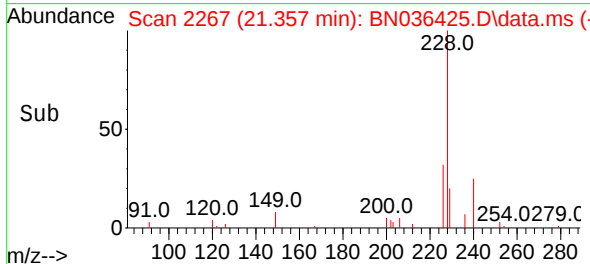
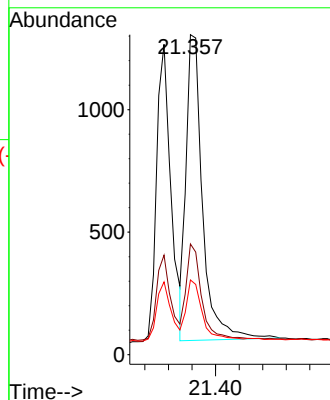
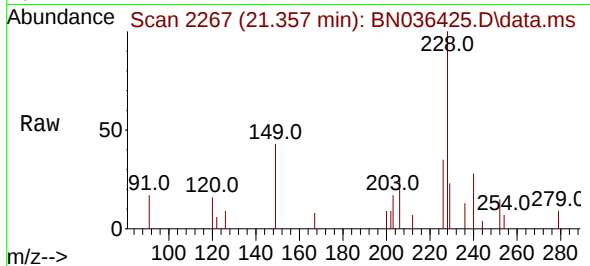




#33
Chrysene
Concen: 0.117 ng
RT: 21.357 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

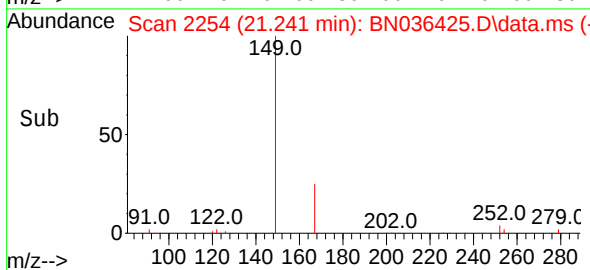
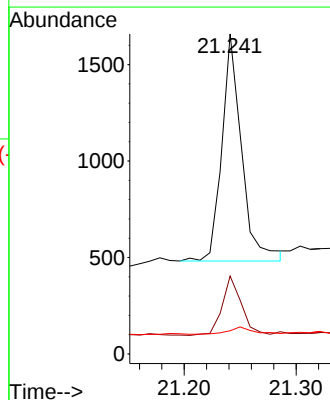
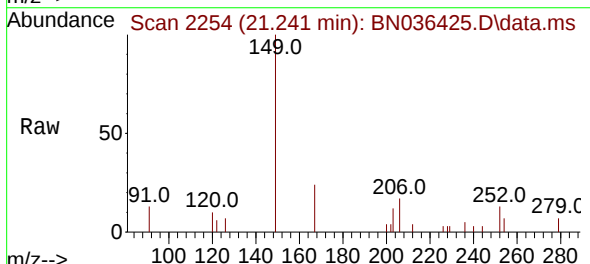
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

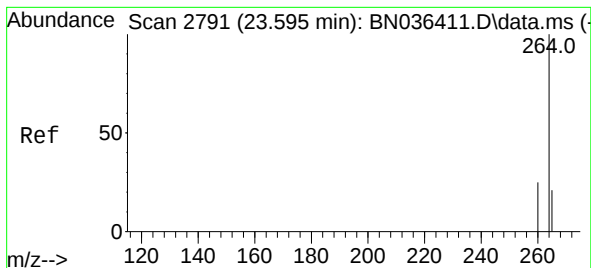
Tgt Ion:228 Resp: 2423
Ion Ratio Lower Upper
228 100
226 34.6 25.5 38.3
229 23.4 16.4 24.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.121 ng
RT: 21.241 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BN036425.D
Acq: 11 Feb 2025 16:04

Tgt Ion:149 Resp: 1445
Ion Ratio Lower Upper
149 100
167 25.7 21.2 31.8
279 3.9 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.595 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036425.D

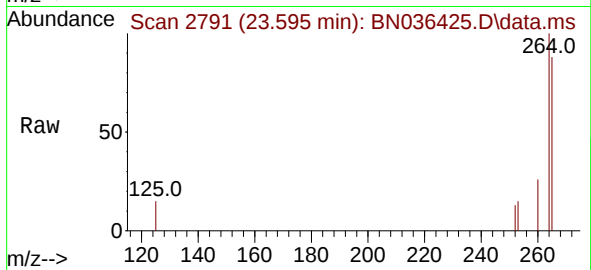
Acq: 11 Feb 2025 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



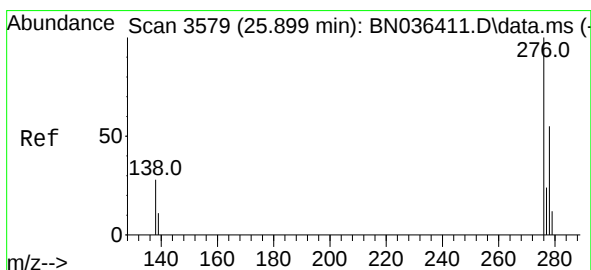
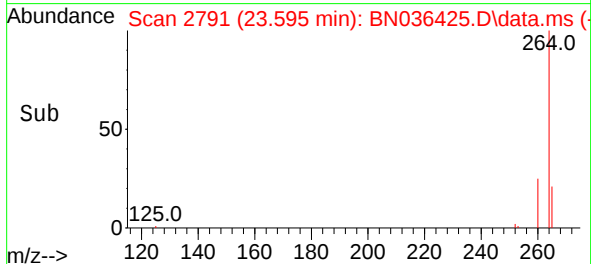
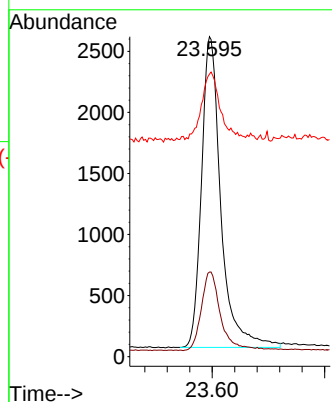
Tgt Ion:264 Resp: 6091

Ion Ratio Lower Upper

264 100

260 26.5 20.9 31.3

265 88.3 60.7 91.1



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.115 ng

RT: 25.902 min Scan# 3580

Delta R.T. 0.003 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

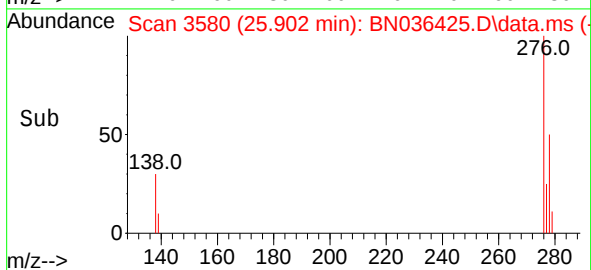
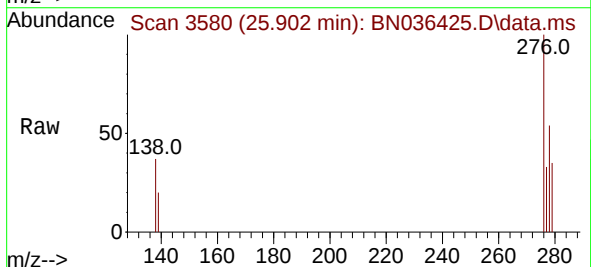
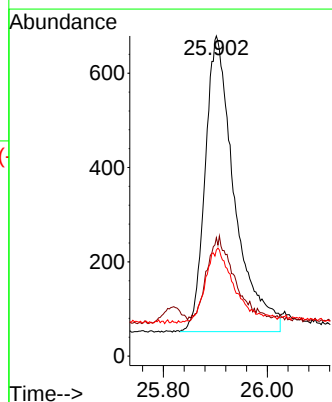
Tgt Ion:276 Resp: 2454

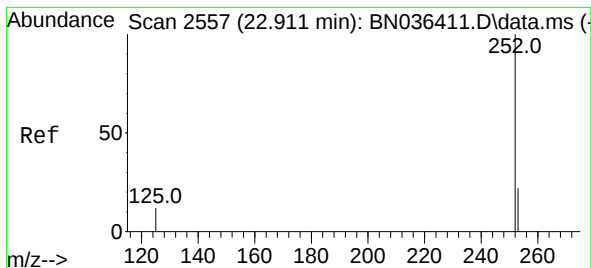
Ion Ratio Lower Upper

276 100

138 25.5 22.2 33.2

277 23.6 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.115 ng

RT: 22.914 min Scan# 2558

Delta R.T. 0.003 min

Lab File: BN036425.D

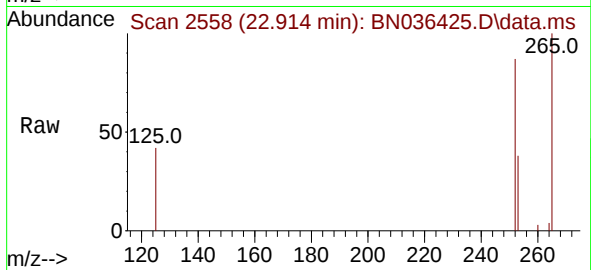
Acq: 11 Feb 2025 16:04

Instrument :

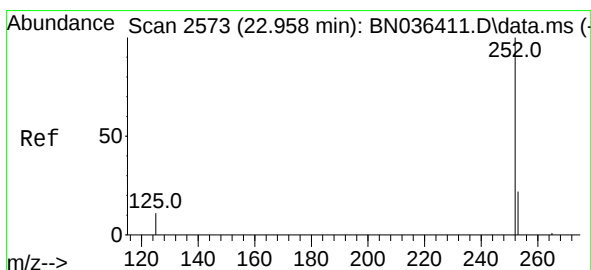
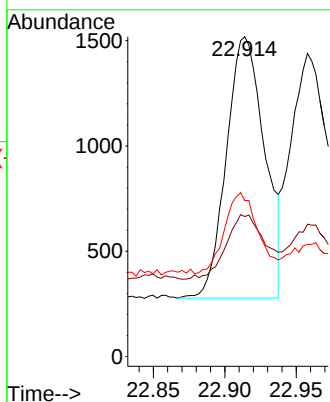
BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:252	Resp:	2316
Ion Ratio	Lower	Upper
252	100	
253	43.8	21.9 32.9#
125	48.8	15.0 22.6#



#38

Benzo(k)fluoranthene

Concen: 0.109 ng

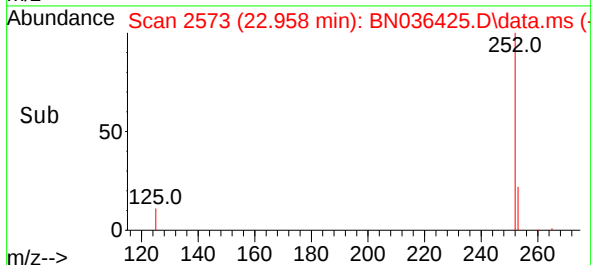
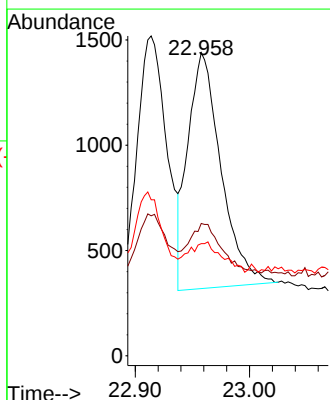
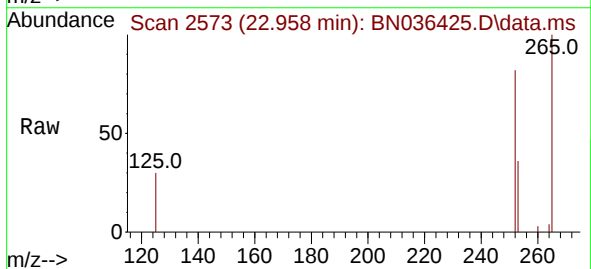
RT: 22.958 min Scan# 2573

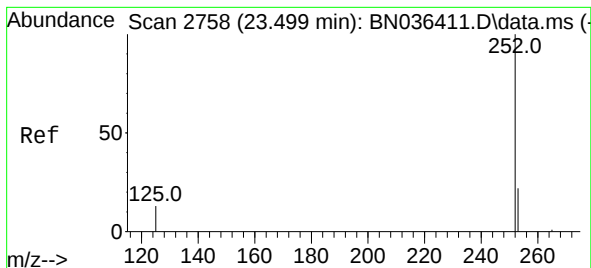
Delta R.T. -0.000 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

Tgt Ion:252	Resp:	2256
Ion Ratio	Lower	Upper
252	100	
253	43.7	22.2 33.4#
125	37.0	15.0 22.4#





#39

Benzo(a)pyrene

Concen: 0.115 ng

RT: 23.499 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036425.D

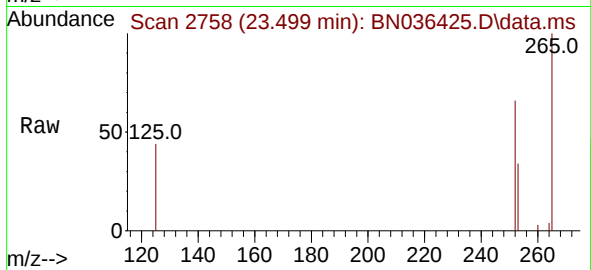
Acq: 11 Feb 2025 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



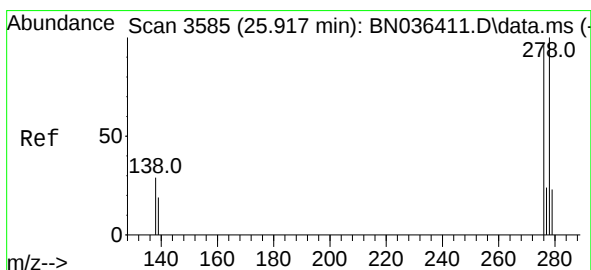
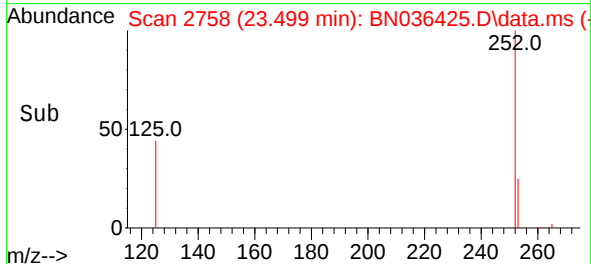
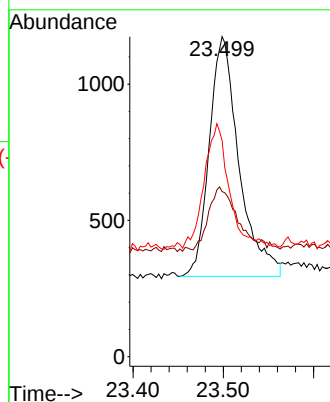
Tgt Ion:252 Resp: 2013

Ion Ratio Lower Upper

252 100

253 51.6 24.4 36.6#

125 67.5 18.2 27.2#



#40

Dibenzo(a,h)anthracene

Concen: 0.113 ng

RT: 25.922 min Scan# 3587

Delta R.T. 0.006 min

Lab File: BN036425.D

Acq: 11 Feb 2025 16:04

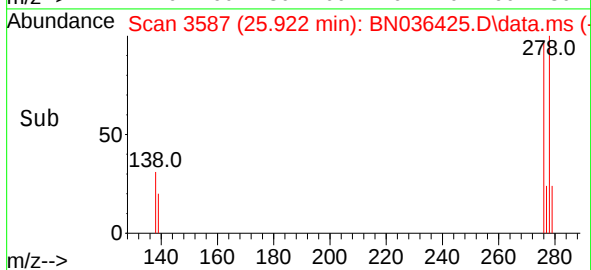
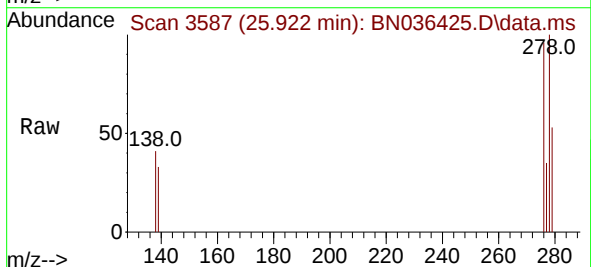
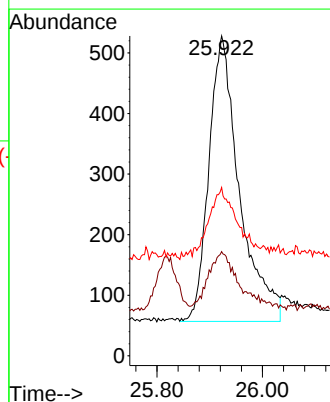
Tgt Ion:278 Resp: 1894

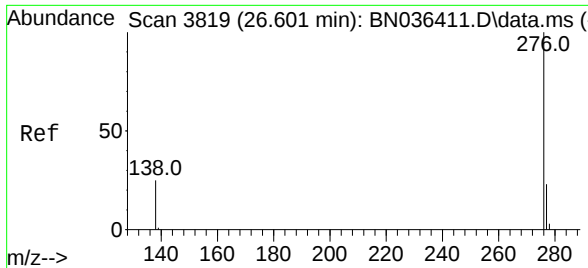
Ion Ratio Lower Upper

278 100

139 32.6 18.5 27.7#

279 52.7 24.8 37.2#





#41

Benzo(g,h,i)perylene

Concen: 0.115 ng

RT: 26.601 min Scan# 3819

Delta R.T. -0.000 min

Lab File: BN036425.D

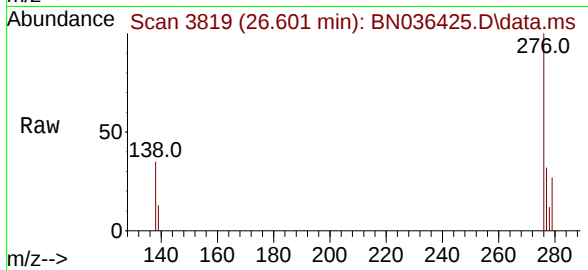
Acq: 11 Feb 2025 16:04

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:276 Resp: 2197

Ion Ratio Lower Upper

276 100

277 31.8 20.7 31.1#

138 35.3 21.8 32.6#

