

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
 Data File : BN037459.D
 Acq On : 10 Jul 2025 15:42
 Operator : RC/JU
 Sample : Q2126-01
 Misc : LOD-SOIL-0.1ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Quant Time: Jul 10 16:20:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 10 00:48:38 2025
 Response via : Initial Calibration

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

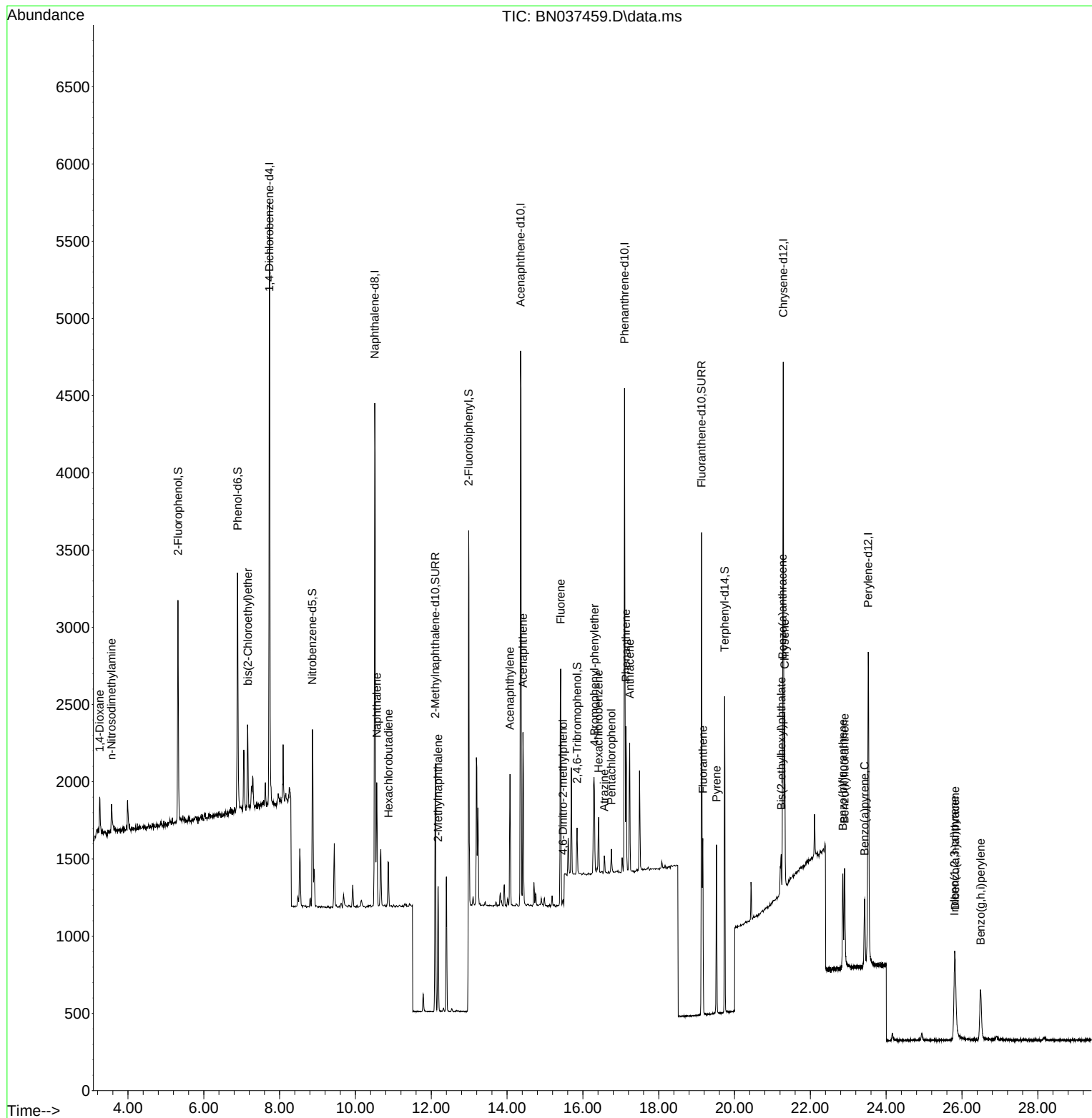
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1817	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4449	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2130	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3798	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	2780	0.400	ng	# 0.00
35) Perylene-d12	23.528	264	2835	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1166	0.238	ng	0.00
5) Phenol-d6	6.894	99	1426	0.237	ng	0.00
8) Nitrobenzene-d5	8.865	82	932	0.311	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2105	0.339	ng	-0.01
14) 2,4,6-Tribromophenol	15.845	330	167	0.192	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	3511	0.299	ng	-0.01
27) Fluoranthene-d10	19.132	212	3360	0.344	ng	0.00
31) Terphenyl-d14	19.740	244	1939	0.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	168	0.095	ng	# 90
3) n-Nitrosodimethylamine	3.564	42	191	0.092	ng	# 90
6) bis(2-Chloroethyl)ether	7.161	93	393	0.082	ng	93
9) Naphthalene	10.562	128	1007	0.084	ng	# 86
10) Hexachlorobutadiene	10.872	225	252	0.104	ng	# 100
12) 2-Methylnaphthalene	12.182	142	562	0.073	ng	94
16) Acenaphthylene	14.078	152	922	0.092	ng	99
17) Acenaphthene	14.420	154	550	0.085	ng	93
18) Fluorene	15.414	166	664	0.082	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	25	0.083	ng	# 92
21) 4-Bromophenyl-phenylether	16.304	248	198	0.080	ng	# 85
22) Hexachlorobenzene	16.416	284	290	0.097	ng	91
23) Atrazine	16.565	200	87	0.066	ng	# 65
24) Pentachlorophenol	16.751	266	78	0.060	ng	90
25) Phenanthrene	17.136	178	997	0.087	ng	98
26) Anthracene	17.235	178	884	0.082	ng	98
28) Fluoranthene	19.164	202	1007	0.078	ng	100
30) Pyrene	19.527	202	982	0.086	ng	99
32) Benzo(a)anthracene	21.268	228	811	0.082	ng	92
33) Chrysene	21.322	228	886	0.088	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.232	149	275	0.125	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.803	276	809	0.076	ng	98
37) Benzo(b)fluoranthene	22.856	252	788	0.076	ng	# 72
38) Benzo(k)fluoranthene	22.902	252	845	0.081	ng	# 63
39) Benzo(a)pyrene	23.429	252	686	0.080	ng	# 61
40) Dibenzo(a,h)anthracene	25.817	278	636	0.075	ng	# 67
41) Benzo(g,h,i)perylene	26.490	276	710	0.077	ng	# 77

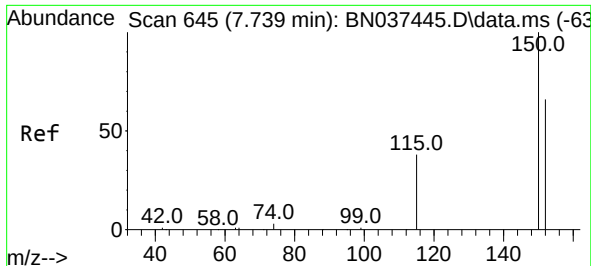
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
Data File : BN037459.D
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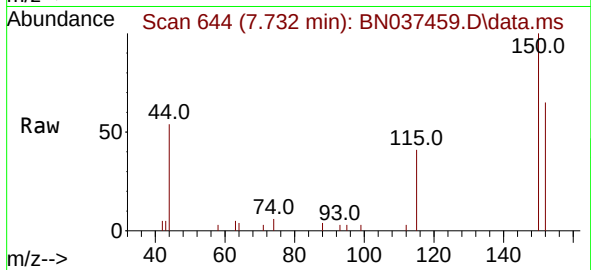
Quant Time: Jul 10 16:20:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:48:38 2025
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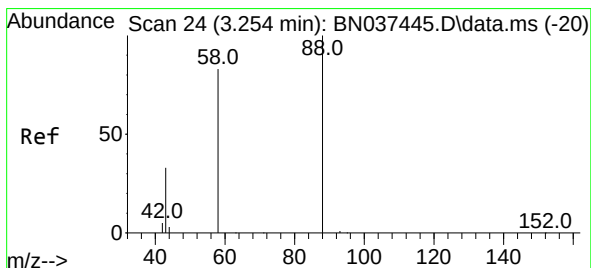
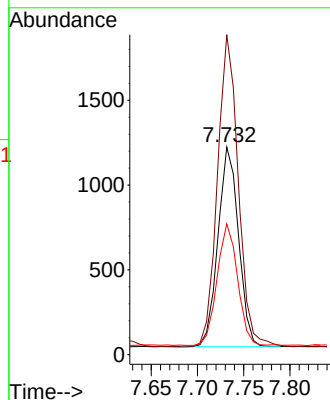
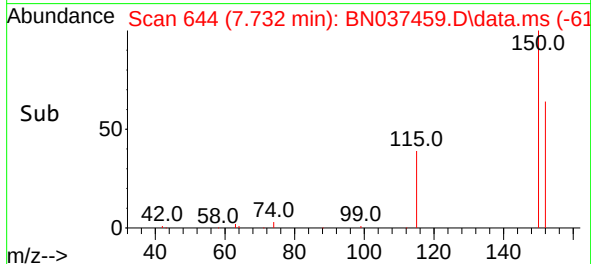


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

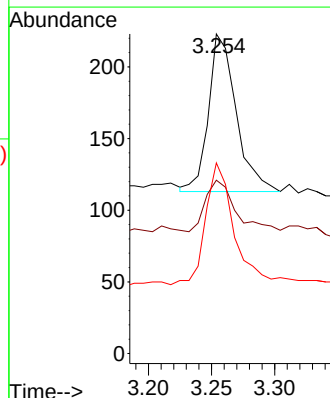
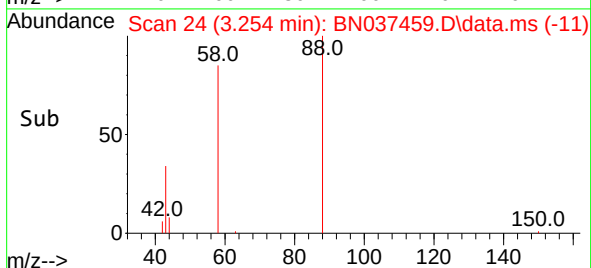
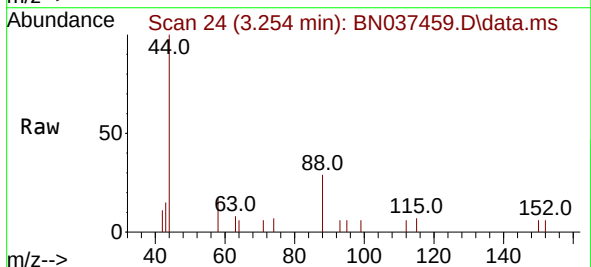


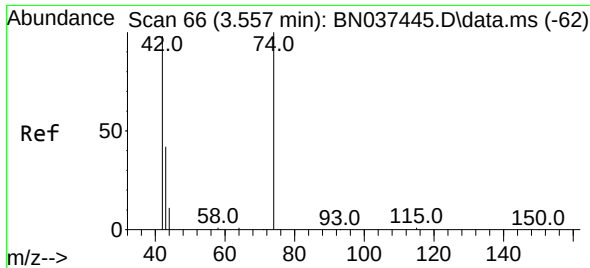
Tgt Ion:152 Resp: 1817
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.6 186.8
 115 63.0 50.4 75.6



#2
 1,4-Dioxane
 Concen: 0.095 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

Tgt Ion: 88 Resp: 168
 Ion Ratio Lower Upper
 88 100
 43 35.1 37.4 56.2#
 58 81.0 69.3 103.9

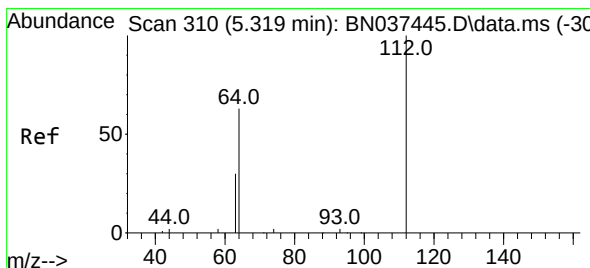
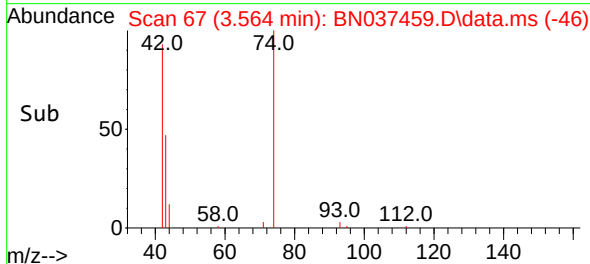
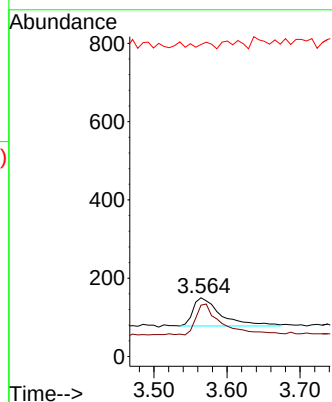
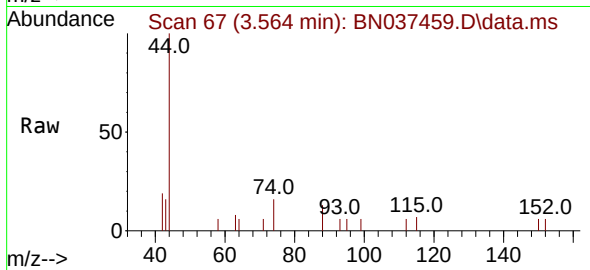




#3
 n-Nitrosodimethylamine
 Concen: 0.092 ng
 RT: 3.564 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

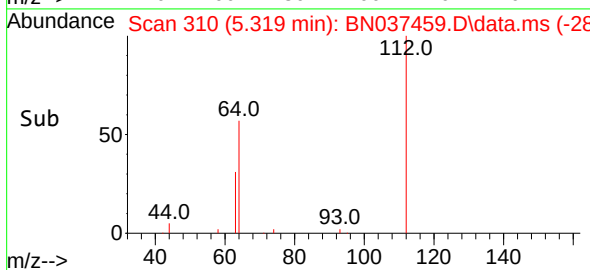
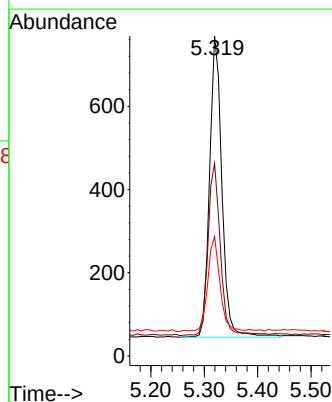
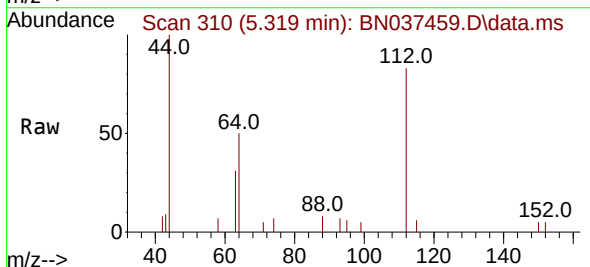
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

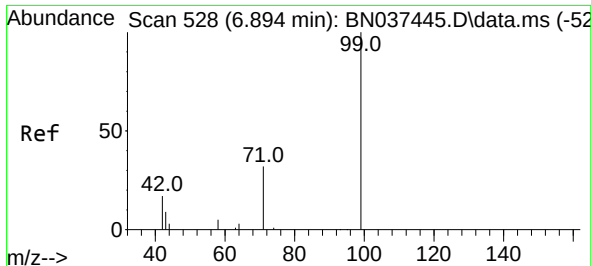
Tgt Ion: 42 Resp: 191
 Ion Ratio Lower Upper
 42 100
 74 96.9 69.9 104.9
 44 8.9 0.0 0.0#



#4
 2-Fluorophenol
 Concen: 0.238 ng
 RT: 5.319 min Scan# 310
 Delta R.T. -0.007 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

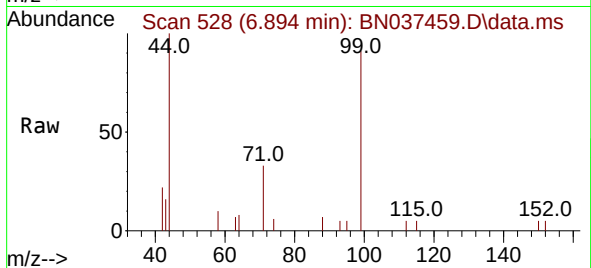
Tgt Ion: 112 Resp: 1166
 Ion Ratio Lower Upper
 112 100
 64 57.7 49.4 74.2
 63 31.3 27.2 40.8



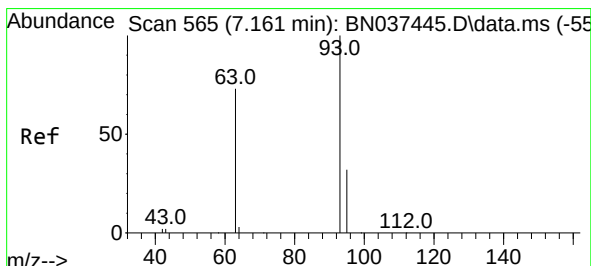
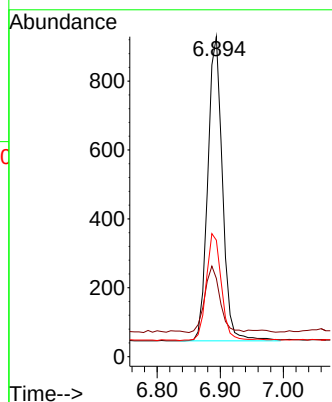
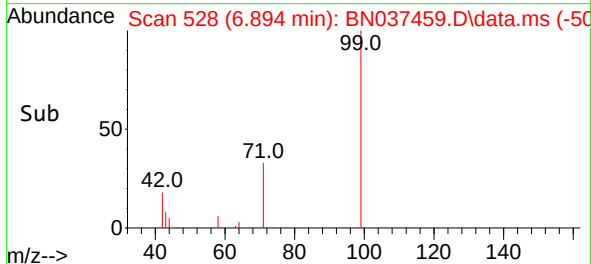


#5
Phenol-d6
Concen: 0.237 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

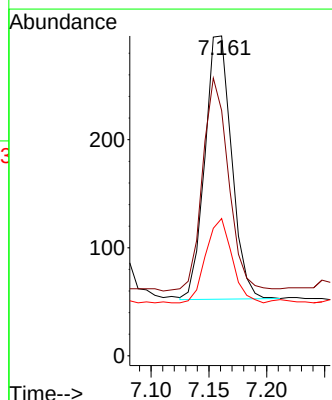
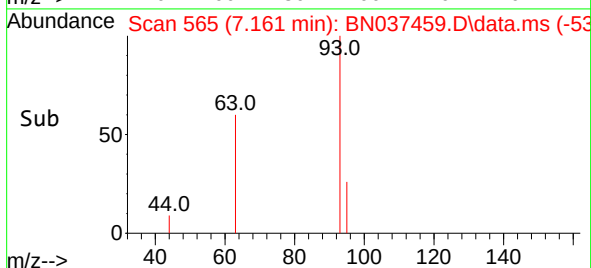
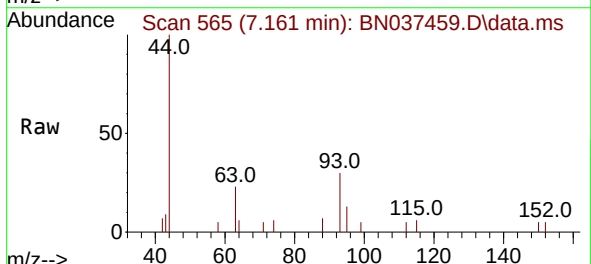


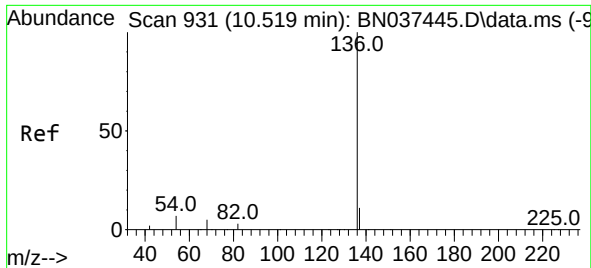
Tgt Ion:	99	Resp:	1426
Ion	Ratio	Lower	Upper
99	100		
42	22.6	22.5	33.7
71	35.9	27.8	41.6



#6
bis(2-Chloroethyl)ether
Concen: 0.082 ng
RT: 7.161 min Scan# 565
Delta R.T. 0.000 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:	93	Resp:	393
Ion	Ratio	Lower	Upper
93	100		
63	78.4	69.0	103.6
95	31.8	26.3	39.5

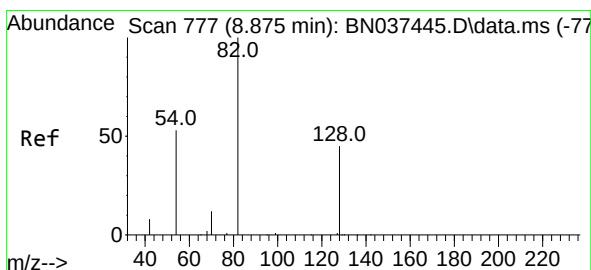
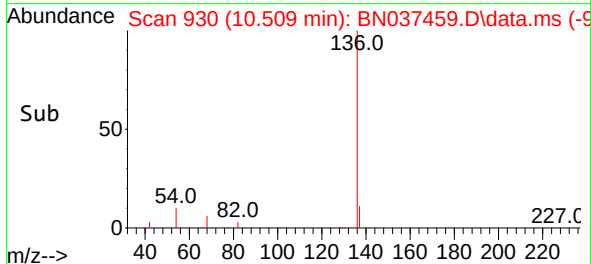
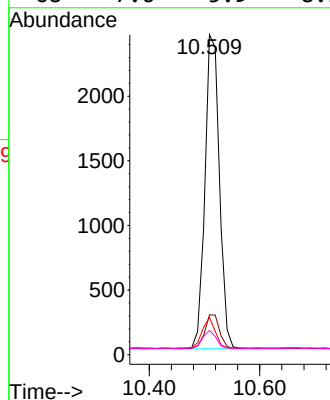
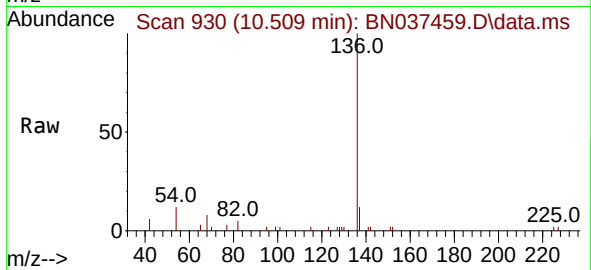




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

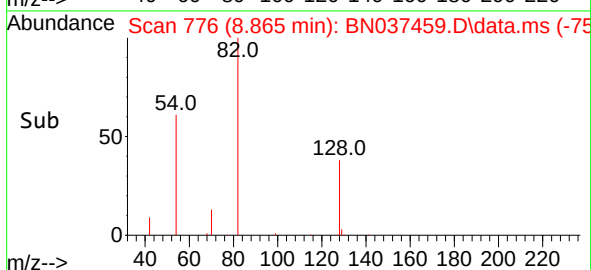
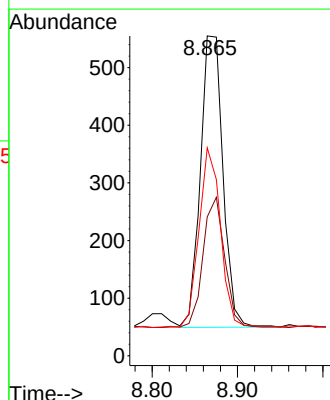
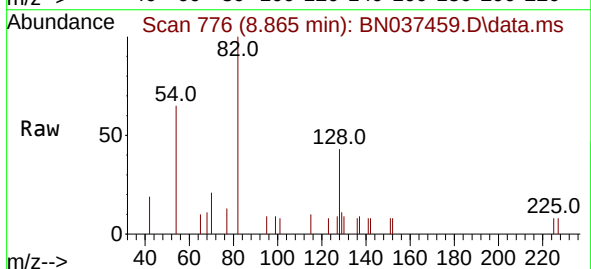
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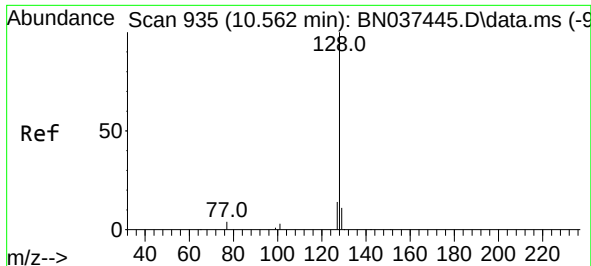
Tgt Ion:	136	Resp:	4449
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	11.7	8.8	13.2
68	7.6	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:	82	Resp:	932
Ion	Ratio	Lower	Upper
82	100		
128	43.4	31.4	47.0
54	65.0	51.3	76.9

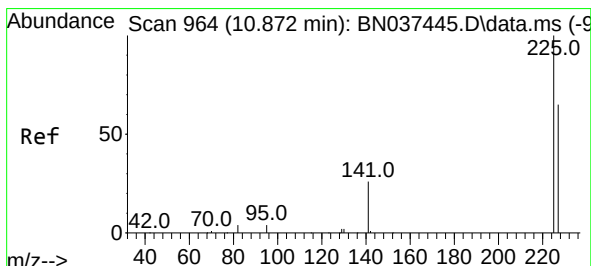
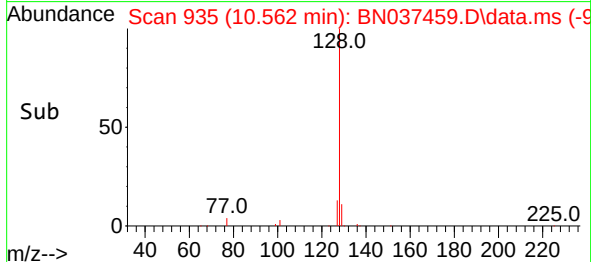
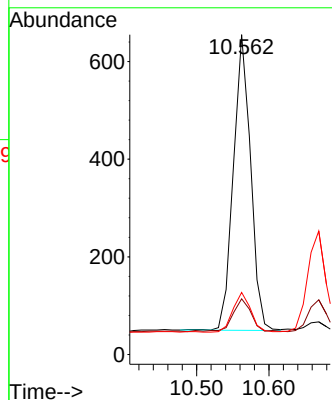
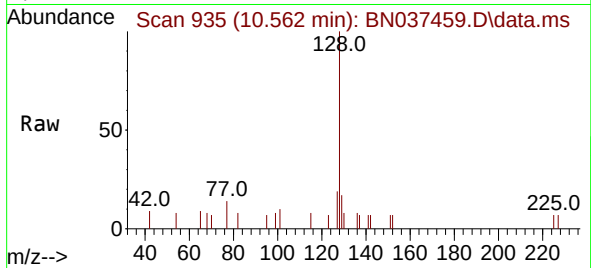




#9
Naphthalene
Concen: 0.084 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

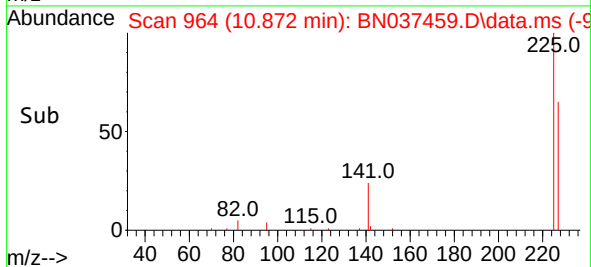
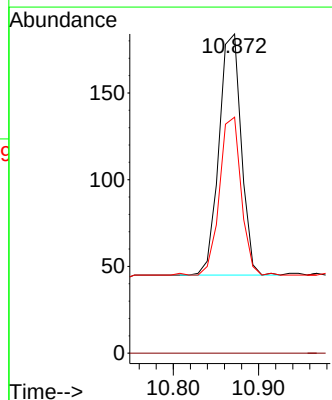
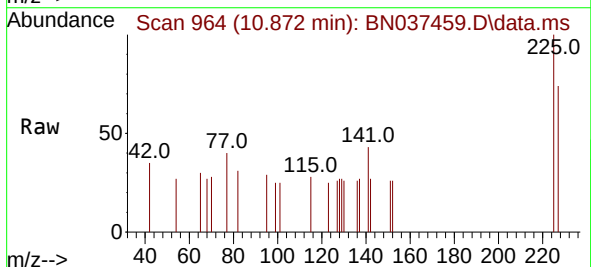
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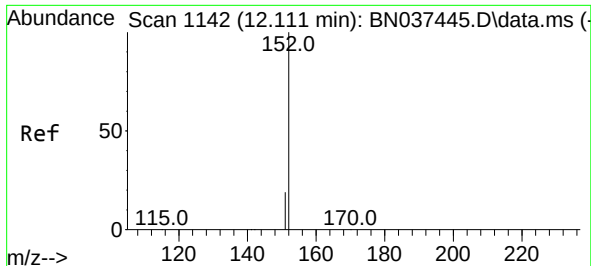
Tgt Ion:128 Resp: 1007
Ion Ratio Lower Upper
128 100
129 17.4 9.3 13.9#
127 19.4 11.1 16.7#



#10
Hexachlorobutadiene
Concen: 0.104 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:225 Resp: 252
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.0 76.6

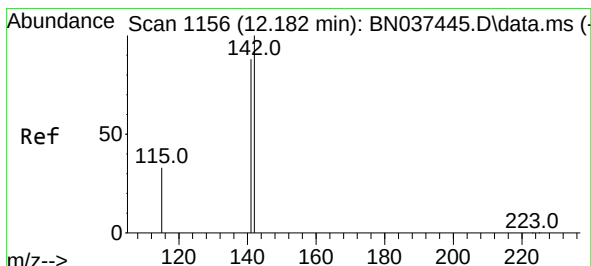
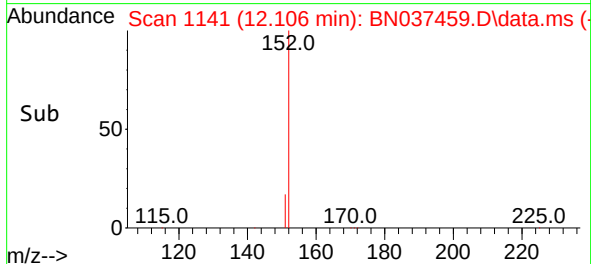
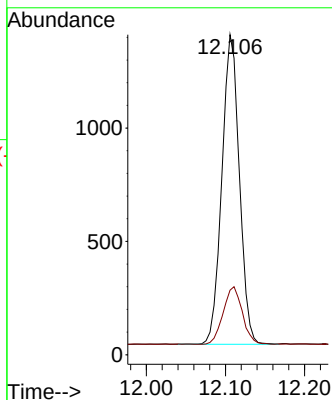
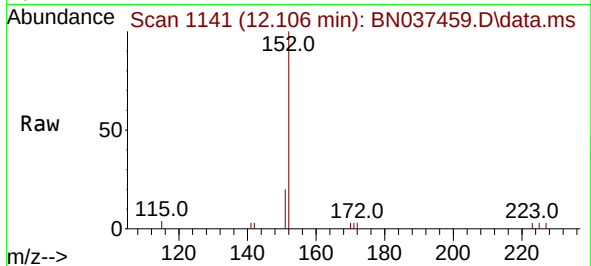




#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

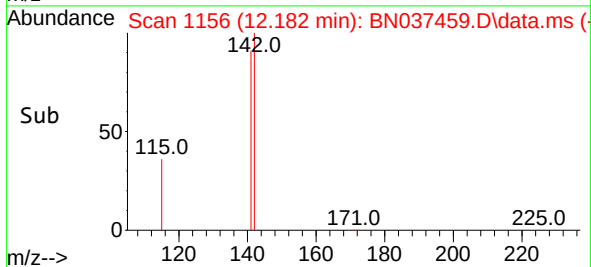
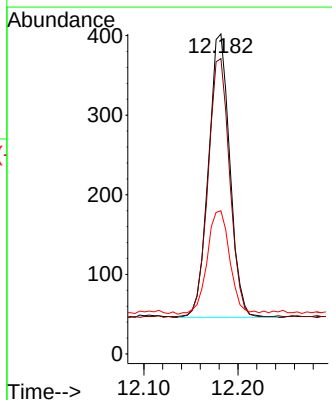
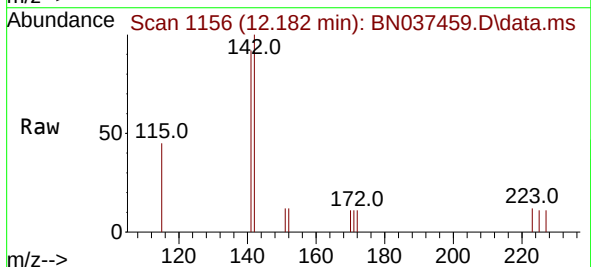
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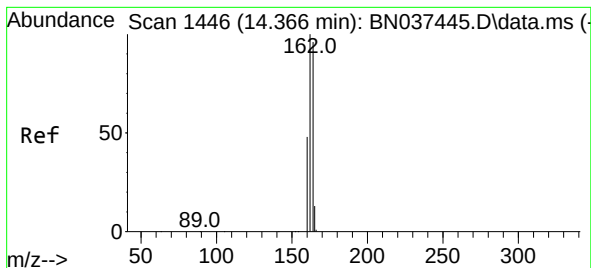
Tgt Ion:152 Resp: 2105
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.073 ng
RT: 12.182 min Scan# 1156
Delta R.T. -0.005 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:142 Resp: 562
Ion Ratio Lower Upper
142 100
141 92.3 70.5 105.7
115 44.8 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.355 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BN037459.D

Acq: 10 Jul 2025 15:42

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

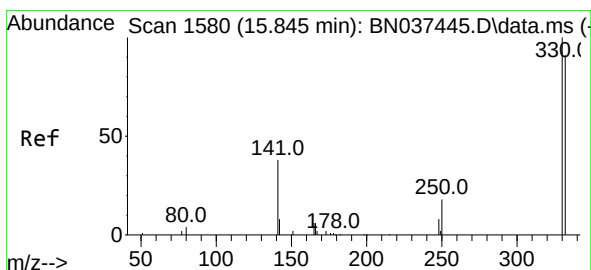
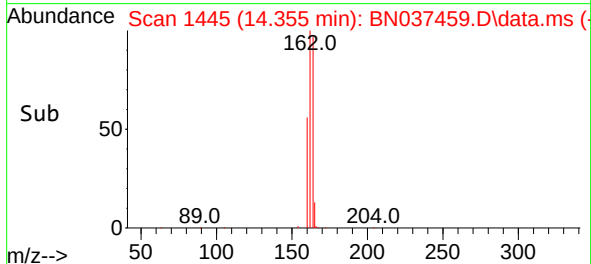
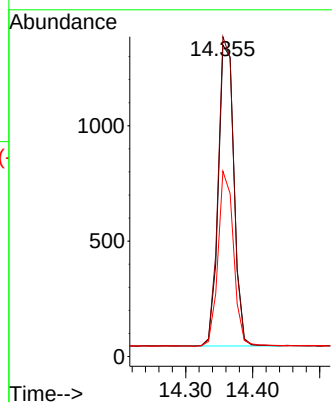
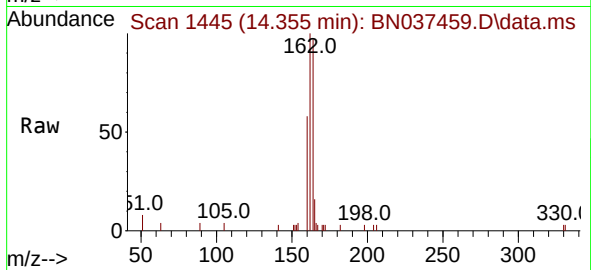
Tgt Ion:164 Resp: 2130

Ion Ratio Lower Upper

164 100

162 102.7 82.7 124.1

160 59.5 55.0 82.4



#14

2,4,6-Tribromophenol

Concen: 0.192 ng

RT: 15.845 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BN037459.D

Acq: 10 Jul 2025 15:42

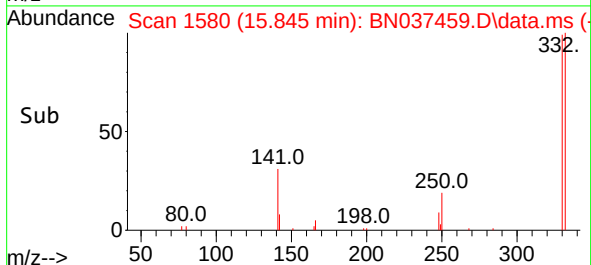
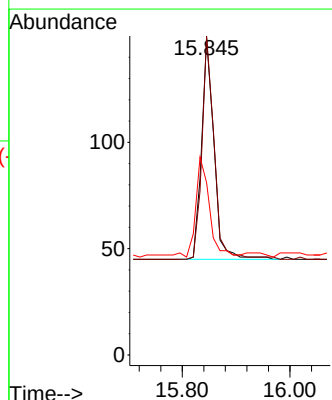
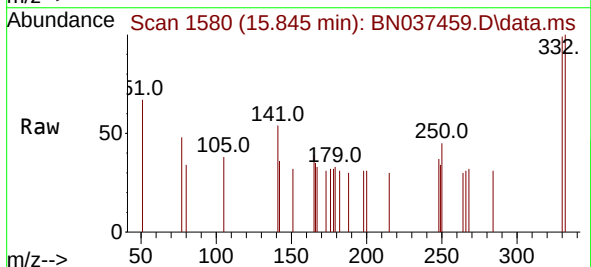
Tgt Ion:330 Resp: 167

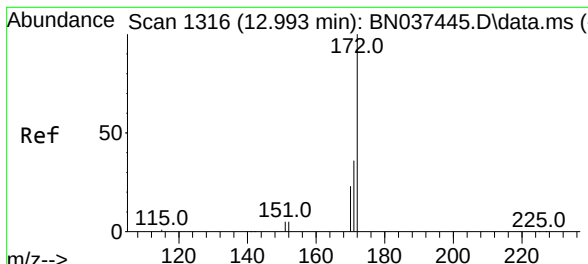
Ion Ratio Lower Upper

330 100

332 98.8 75.3 112.9

141 52.1 38.7 58.1

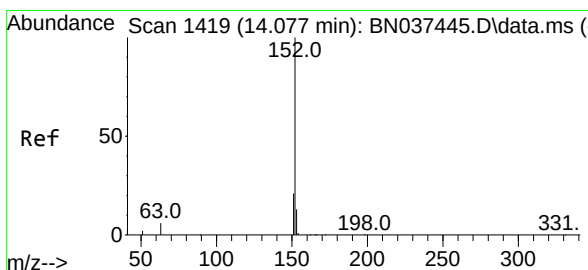
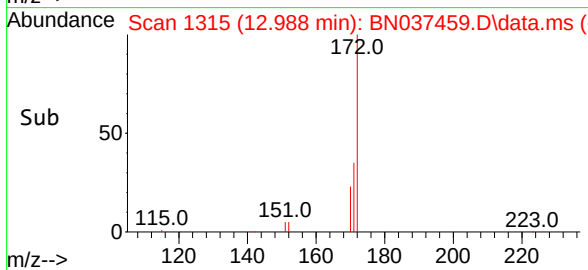
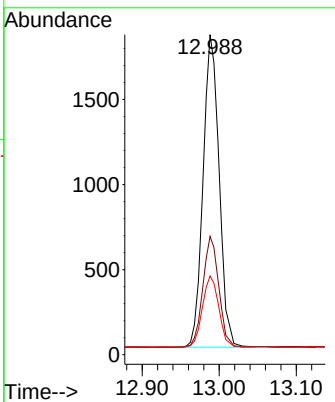
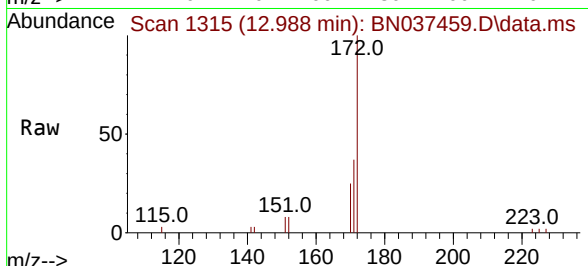




#15
 2-Fluorobiphenyl
 Concen: 0.299 ng
 RT: 12.988 min Scan# 1315
 Delta R.T. -0.010 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

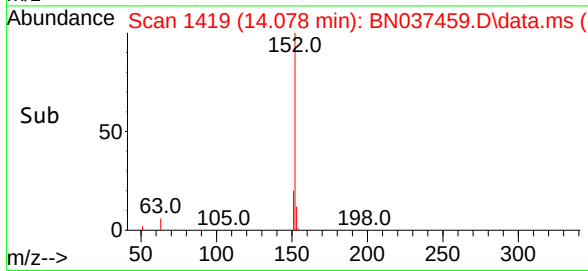
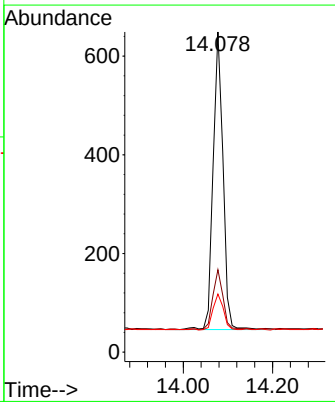
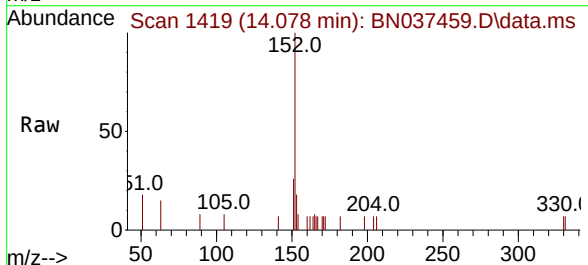
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-03-QT2-2025

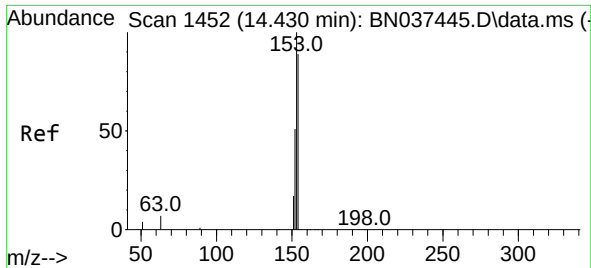
Tgt Ion:	172	Resp:	3511
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.4	42.6
170	24.6	18.7	28.1



#16
 Acenaphthylene
 Concen: 0.092 ng
 RT: 14.078 min Scan# 1419
 Delta R.T. -0.011 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

Tgt Ion:	152	Resp:	922
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.1	24.1
153	12.9	10.6	16.0

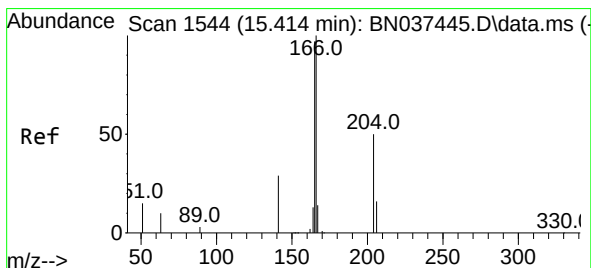
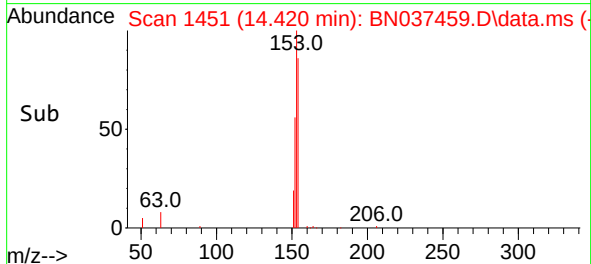
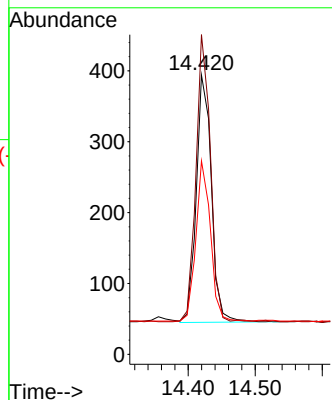
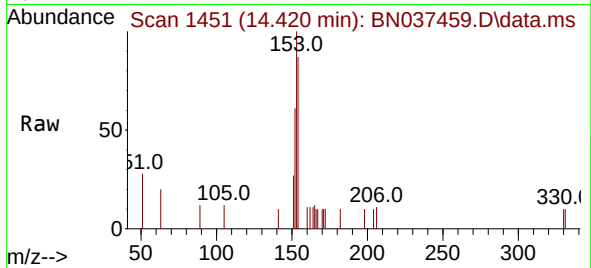




#17
Acenaphthene
Concen: 0.085 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

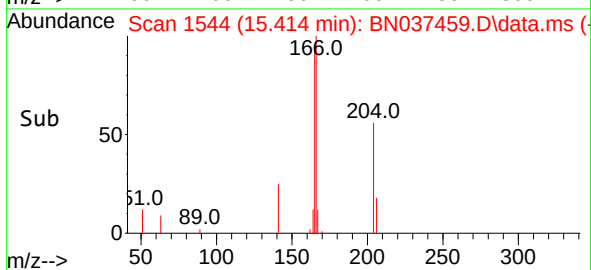
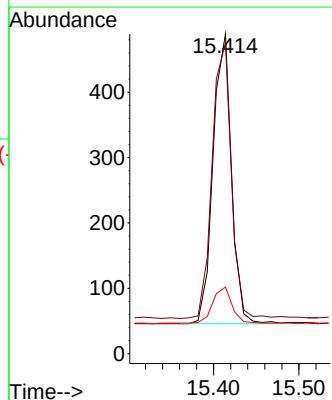
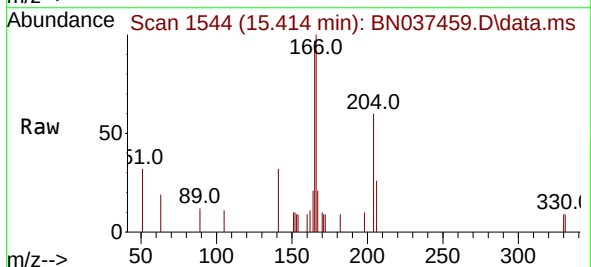
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

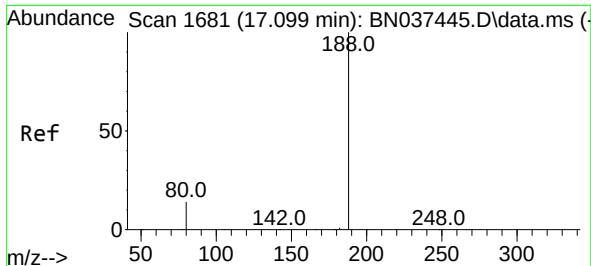
Tgt Ion:154 Resp: 550
Ion Ratio Lower Upper
154 100
153 110.7 90.7 136.1
152 61.6 58.9 88.3



#18
Fluorene
Concen: 0.082 ng
RT: 15.414 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:166 Resp: 664
Ion Ratio Lower Upper
166 100
165 100.6 81.8 122.8
167 14.2 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN037459.D

Acq: 10 Jul 2025 15:42

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

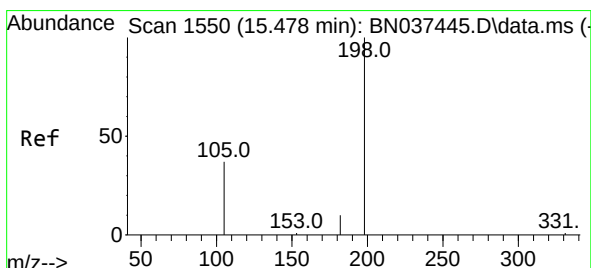
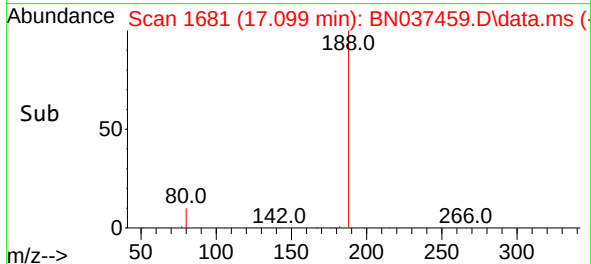
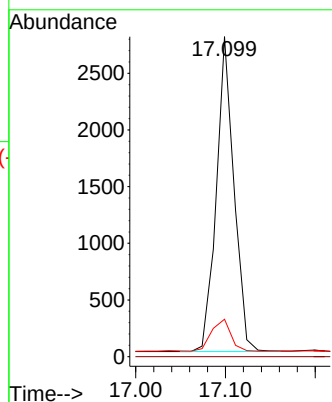
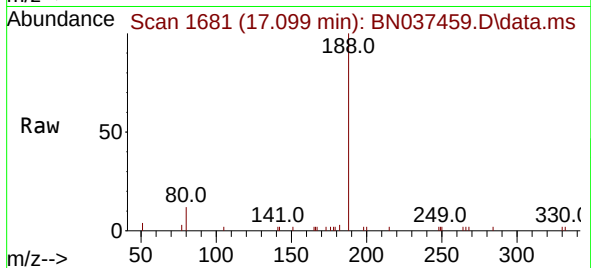
Tgt Ion:188 Resp: 3798

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 7.8 11.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.083 ng

RT: 15.478 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BN037459.D

Acq: 10 Jul 2025 15:42

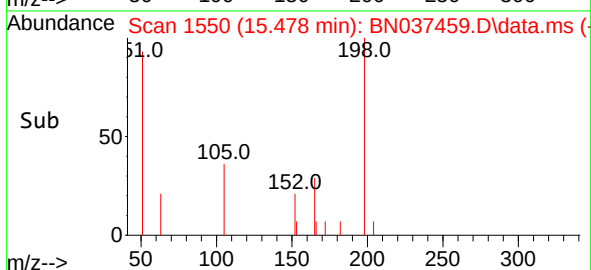
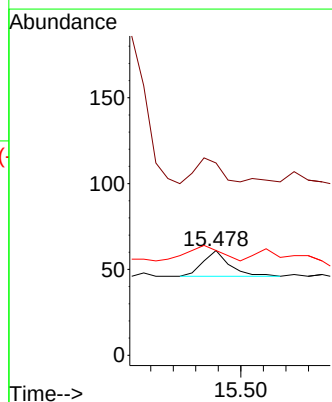
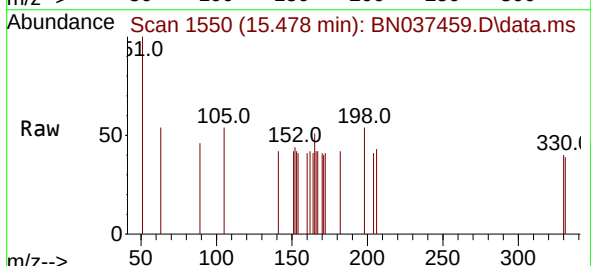
Tgt Ion:198 Resp: 25

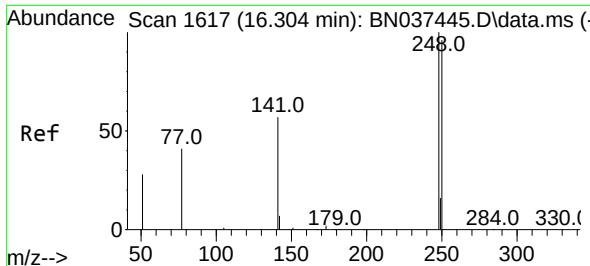
Ion Ratio Lower Upper

198 100

51 183.6 145.5 218.3

105 100.0 64.2 96.4#

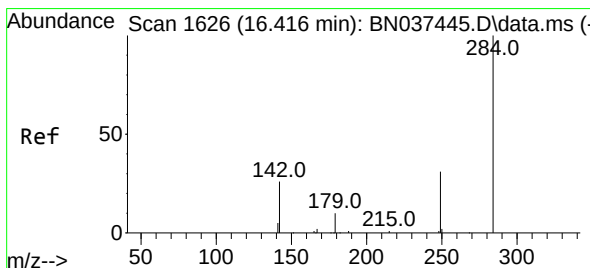
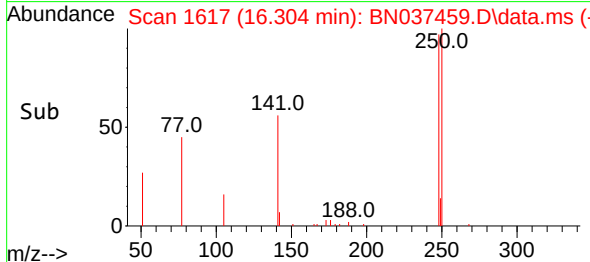
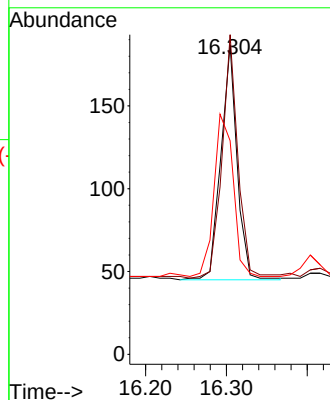
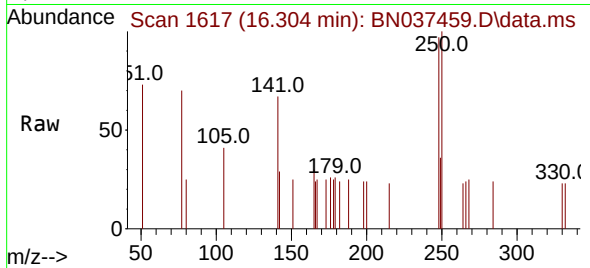




#21
4-Bromophenyl-phenylether
Concen: 0.080 ng
RT: 16.304 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

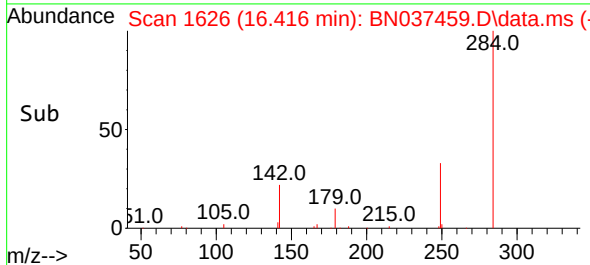
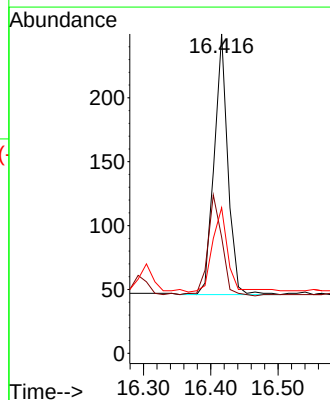
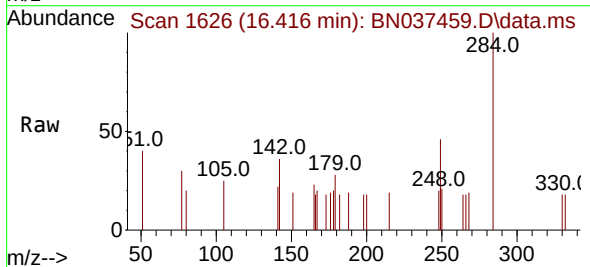
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

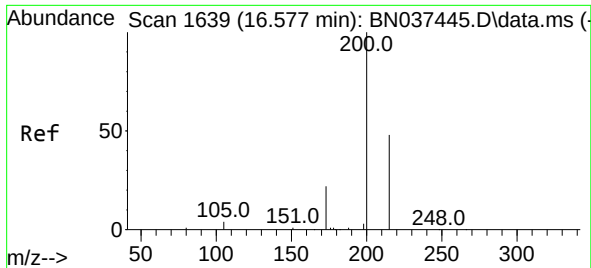
Tgt Ion:	248	Resp:	198
Ion	Ratio	Lower	Upper
248	100		
250	103.2	83.9	125.9
141	69.0	29.4	44.0



#22
Hexachlorobenzene
Concen: 0.097 ng
RT: 16.416 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:	284	Resp:	290
Ion	Ratio	Lower	Upper
284	100		
142	40.3	38.9	58.3
249	37.2	27.3	40.9

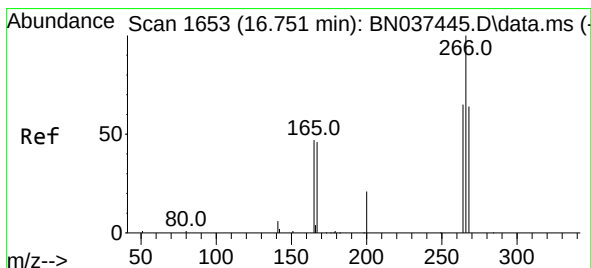
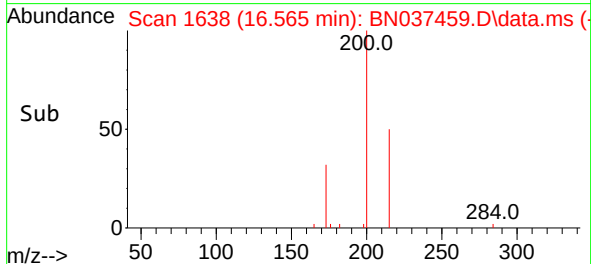
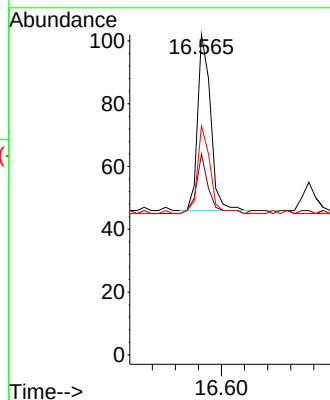
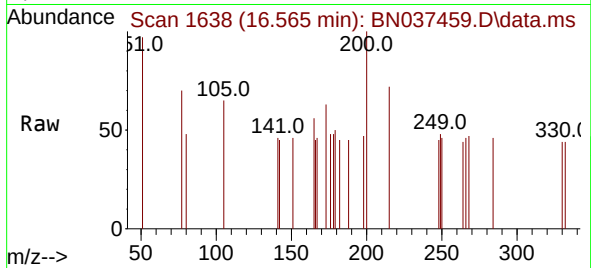




#23
Atrazine
Concen: 0.066 ng
RT: 16.565 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

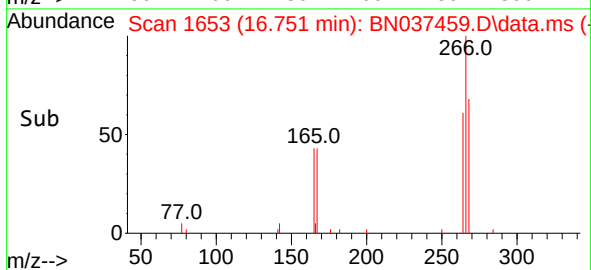
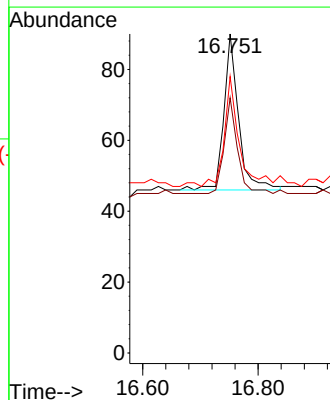
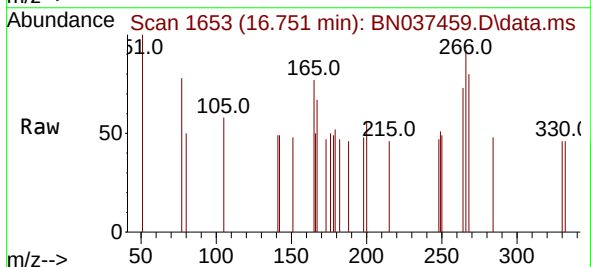
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

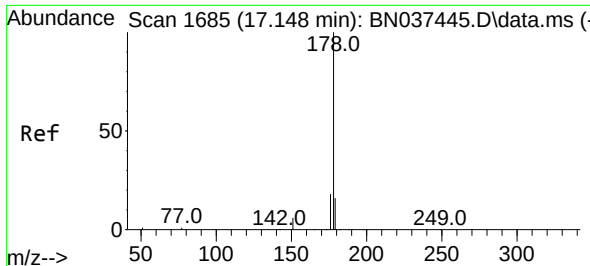
Tgt Ion:200 Resp: 87
Ion Ratio Lower Upper
200 100
173 62.7 28.4 42.6#
215 71.6 42.0 63.0#



#24
Pentachlorophenol
Concen: 0.060 ng
RT: 16.751 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:266 Resp: 78
Ion Ratio Lower Upper
266 100
264 56.4 52.4 78.6
268 74.4 53.9 80.9

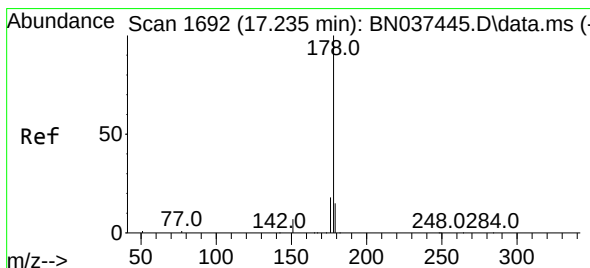
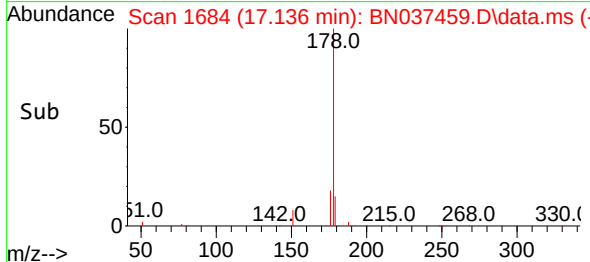
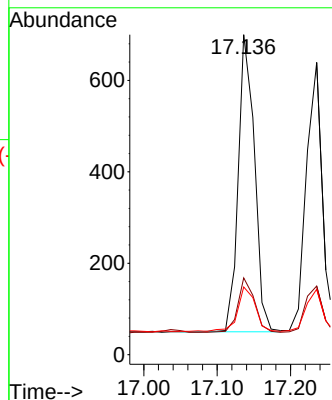
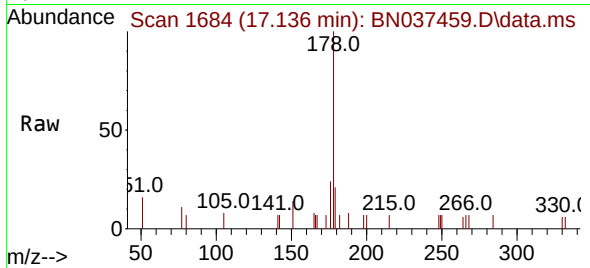




#25
Phenanthrene
Concen: 0.087 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

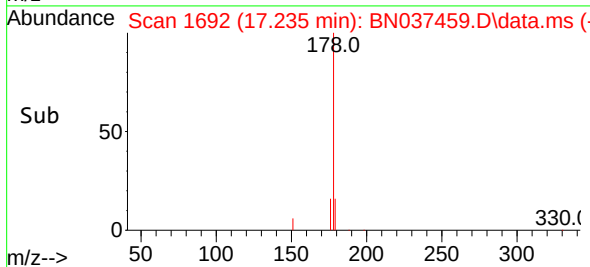
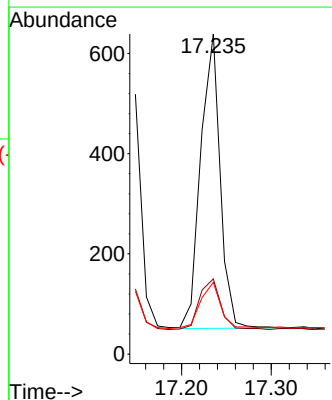
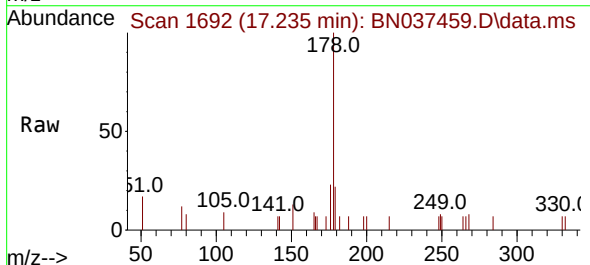
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

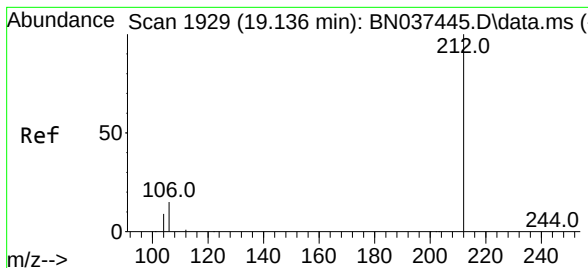
Tgt Ion:178 Resp: 997
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 16.0 12.2 18.4



#26
Anthracene
Concen: 0.082 ng
RT: 17.235 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:178 Resp: 884
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 17.0 12.1 18.1

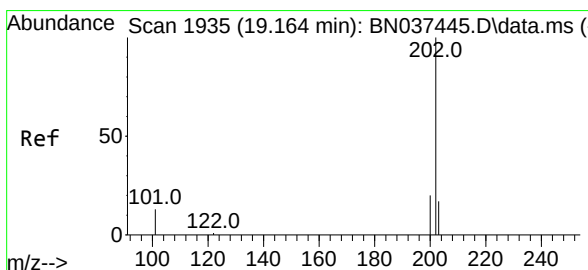
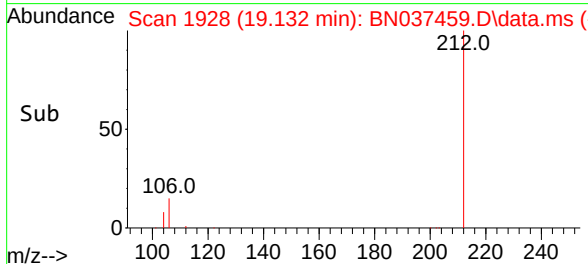
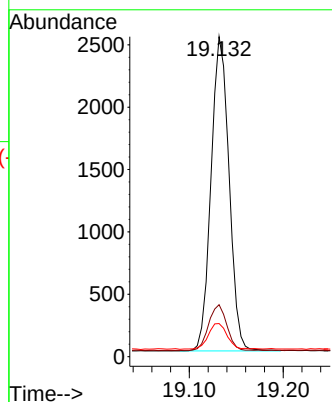
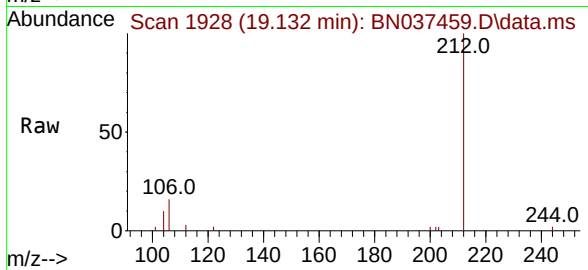




#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

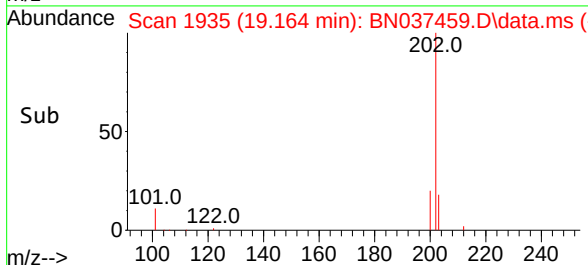
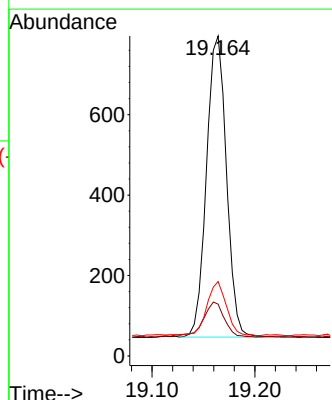
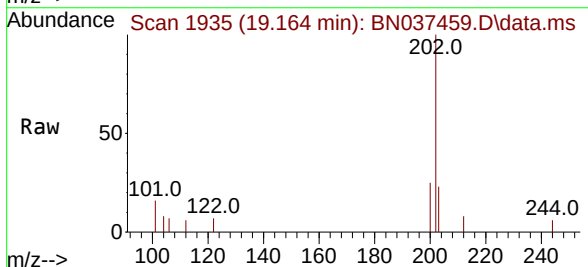
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

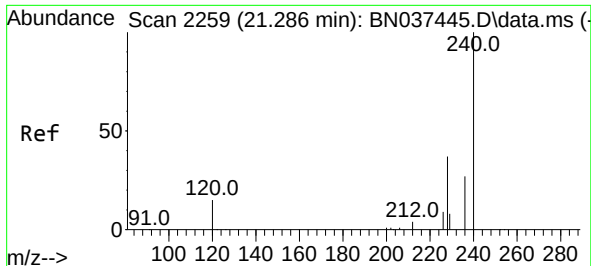
Tgt Ion:212 Resp: 3360
Ion Ratio Lower Upper
212 100
106 14.7 13.4 20.0
104 8.8 7.8 11.6



#28
Fluoranthene
Concen: 0.078 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:202 Resp: 1007
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.2
203 17.5 13.8 20.8

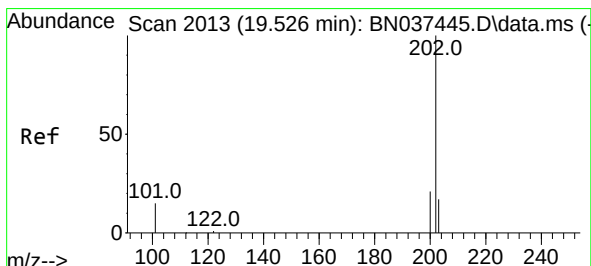
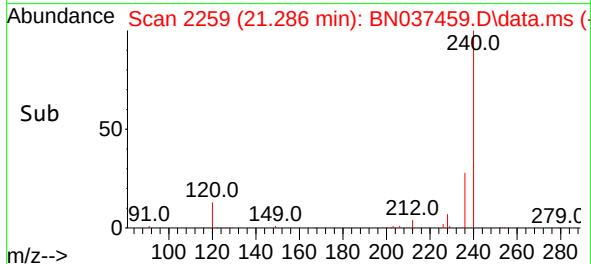
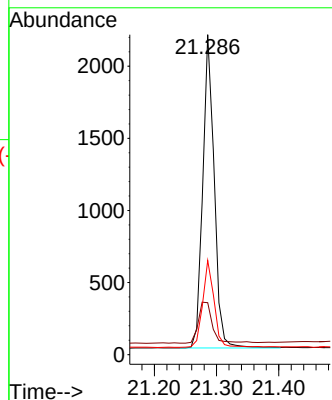
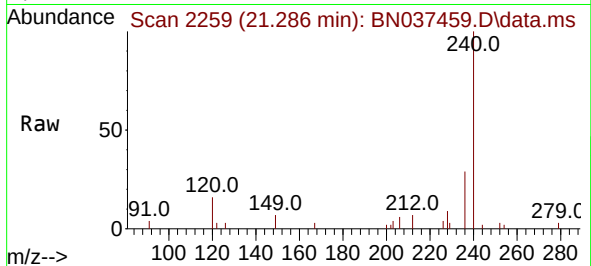




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

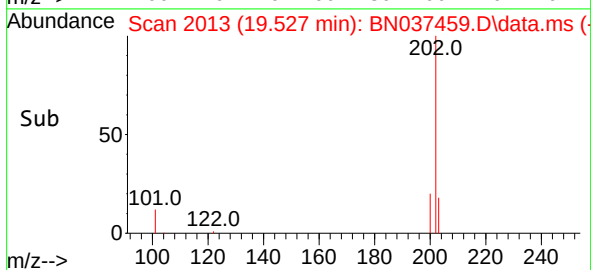
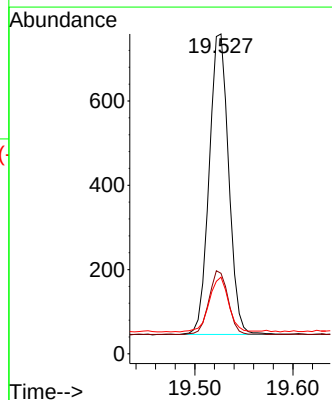
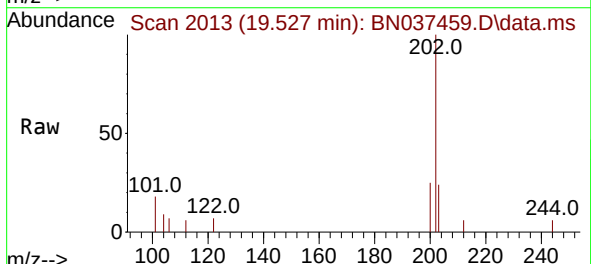
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

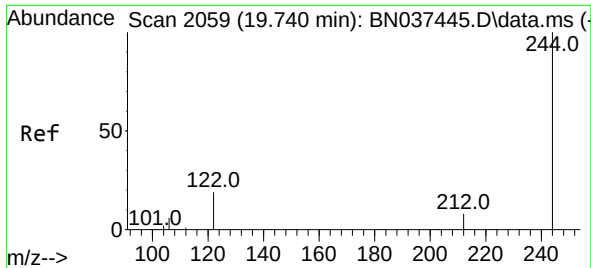
Tgt Ion:240 Resp: 2780
Ion Ratio Lower Upper
240 100
120 16.2 16.4 24.6#
236 29.4 23.3 34.9



#30
Pyrene
Concen: 0.086 ng
RT: 19.527 min Scan# 2013
Delta R.T. -0.005 min
Lab File: BN037459.D
Acq: 10 Jul 2025 15:42

Tgt Ion:202 Resp: 982
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 18.2 14.2 21.4

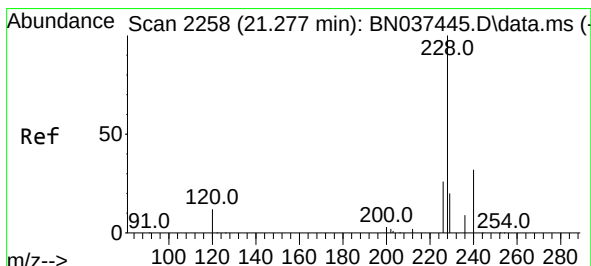
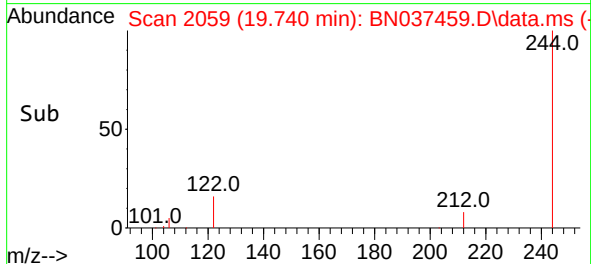
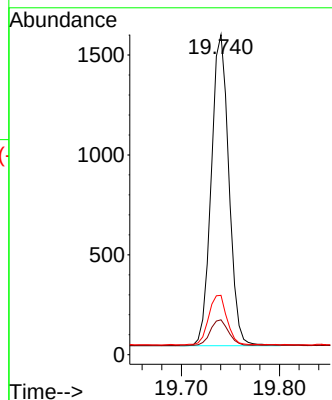
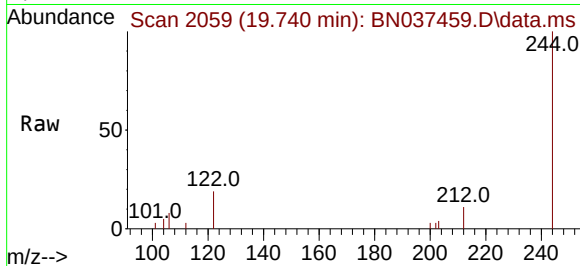




#31
 Terphenyl-d14
 Concen: 0.331 ng
 RT: 19.740 min Scan# 2059
 Delta R.T. -0.009 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

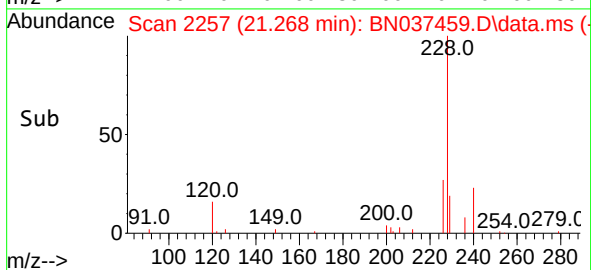
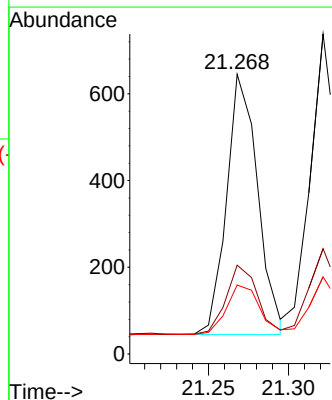
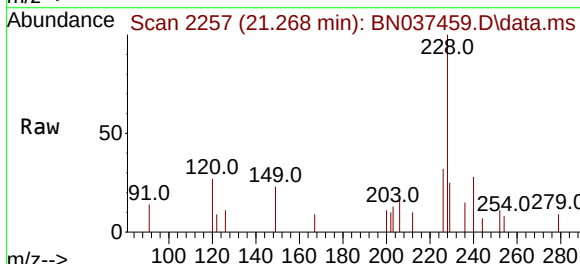
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

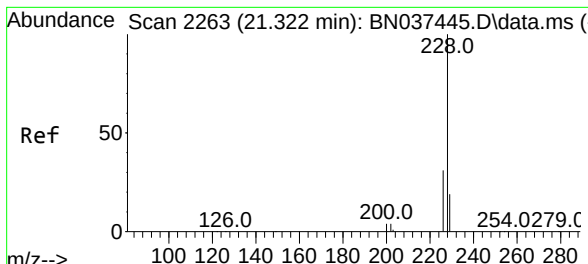
Tgt Ion:244	Resp:	1939	
Ion	Ratio	Lower	Upper
244	100		
212	10.9	9.0	13.4
122	18.5	15.0	22.4



#32
 Benzo(a)anthracene
 Concen: 0.082 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. -0.018 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

Tgt	Ion:228	Resp:	811
Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.2	33.2
229	24.7	16.6	25.0

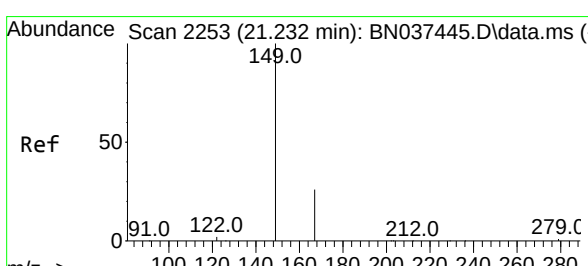
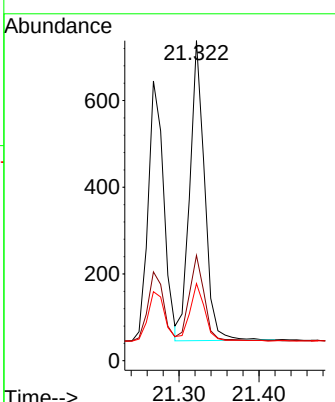
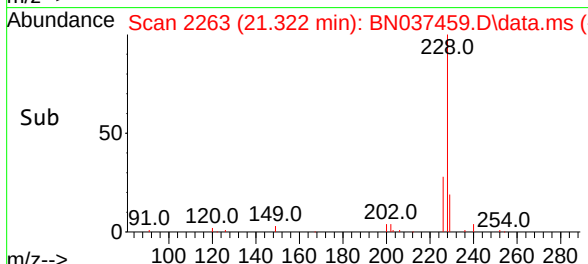
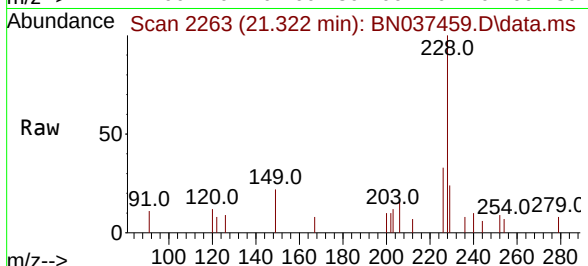




#33
 Chrysene
 Concen: 0.088 ng
 RT: 21.322 min Scan# 2126
 Delta R.T. -0.009 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

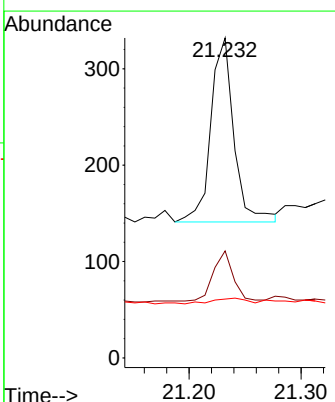
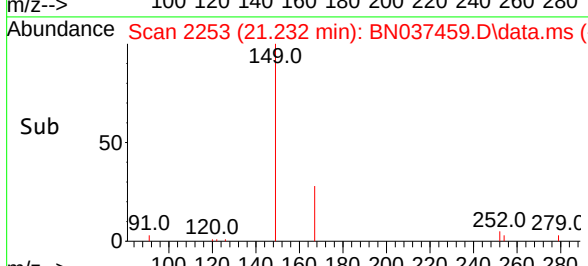
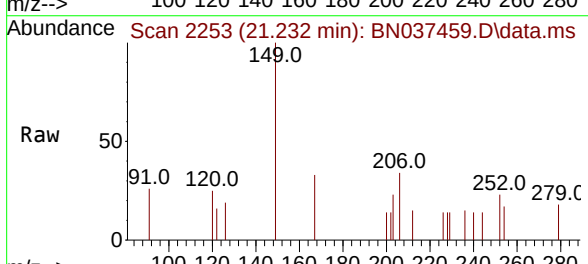
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-03-QT2-2025

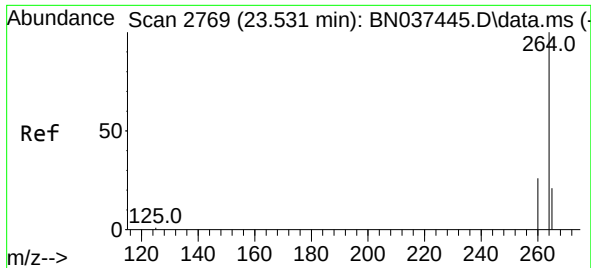
Tgt Ion:	228	Resp:	886
Ion Ratio	Lower	Upper	
228	100		
226	32.9	25.0	37.6
229	24.1	15.8	23.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 21.232 min Scan# 2253
 Delta R.T. -0.009 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

Tgt Ion:	149	Resp:	275
Ion Ratio	Lower	Upper	
149	100		
167	22.9	20.6	30.8
279	4.4	2.2	3.2

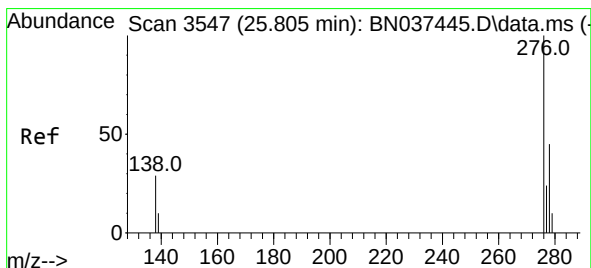
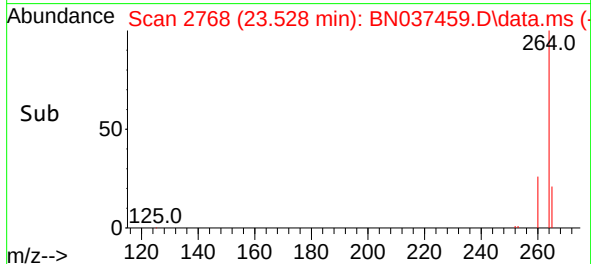
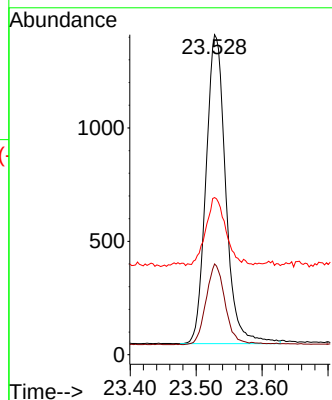
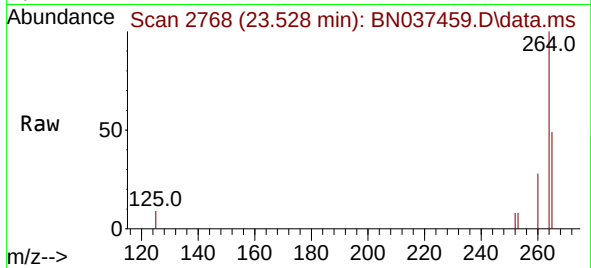




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.528 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

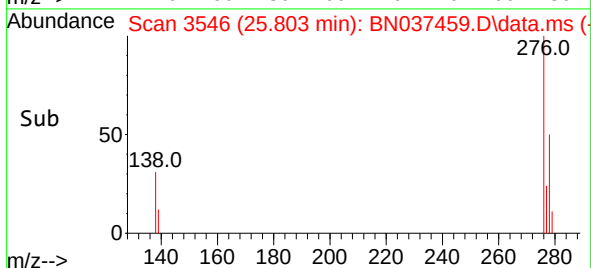
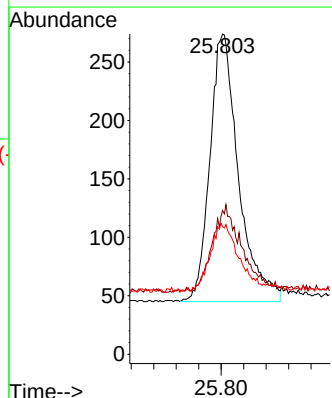
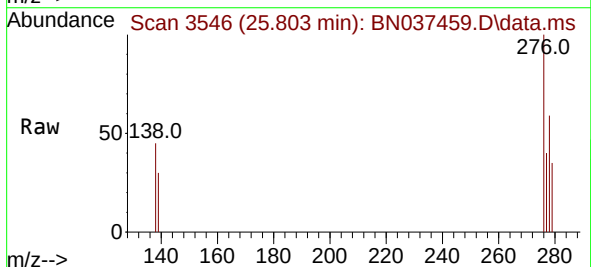
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

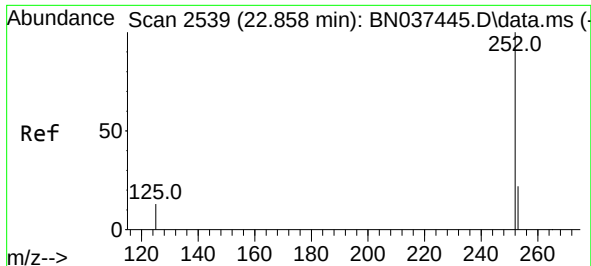
Tgt Ion:264 Resp: 2835
 Ion Ratio Lower Upper
 264 100
 260 28.3 22.1 33.1
 265 49.1 30.1 45.1#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.076 ng
 RT: 25.803 min Scan# 3546
 Delta R.T. -0.023 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

Tgt Ion:276 Resp: 809
 Ion Ratio Lower Upper
 276 100
 138 32.5 27.8 41.8
 277 24.8 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.076 ng

RT: 22.856 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN037459.D

Acq: 10 Jul 2025 15:42

Instrument :

BN037445.D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

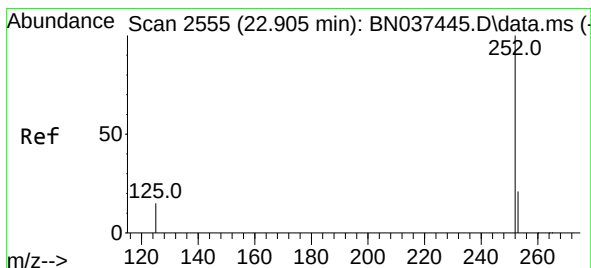
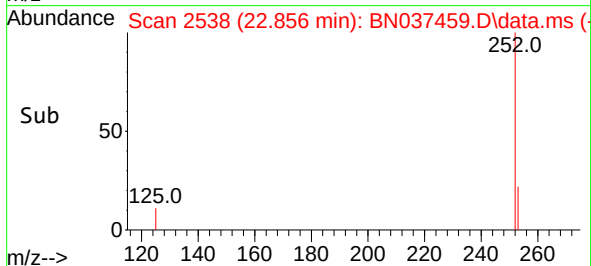
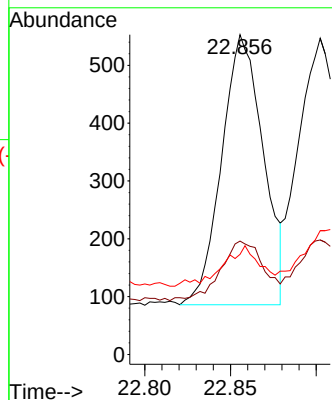
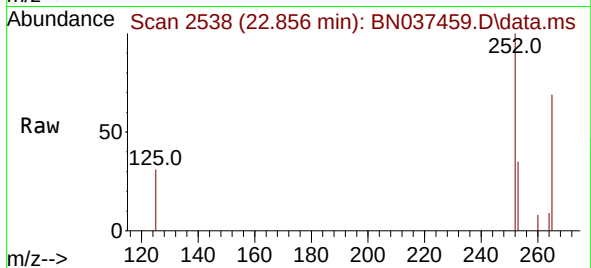
Tgt Ion:252 Resp: 788

Ion Ratio Lower Upper

252 100

253 35.4 19.0 28.6#

125 31.3 13.0 19.6#



#38

Benzo(k)fluoranthene

Concen: 0.081 ng

RT: 22.902 min Scan# 2554

Delta R.T. -0.015 min

Lab File: BN037459.D

Acq: 10 Jul 2025 15:42

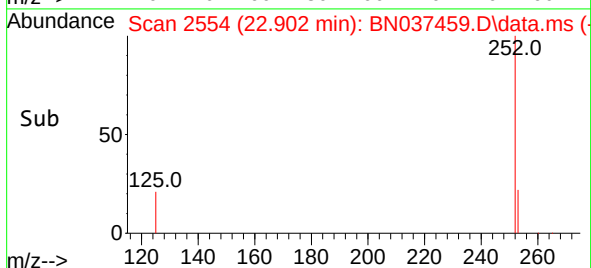
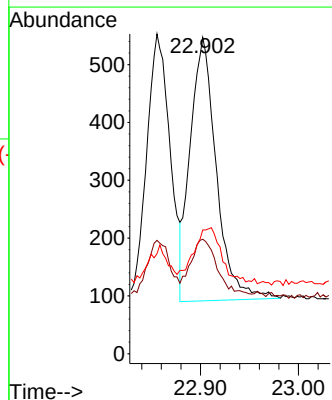
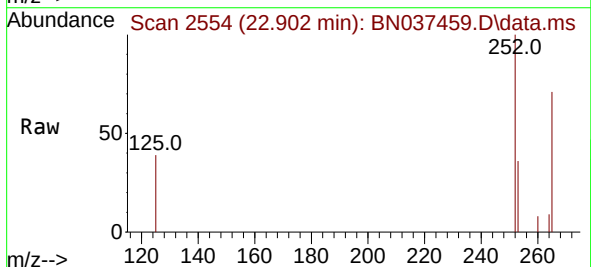
Tgt Ion:252 Resp: 845

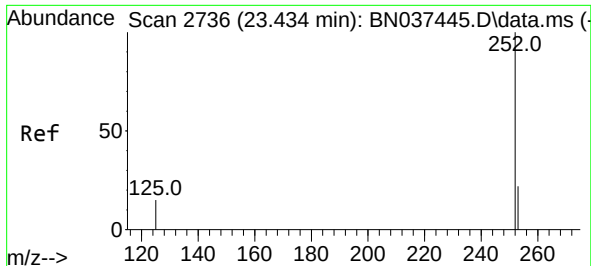
Ion Ratio Lower Upper

252 100

253 36.2 19.0 28.6#

125 39.1 13.0 19.6#





#39

Benzo(a)pyrene

Concen: 0.080 ng

RT: 23.429 min Scan# 21

Delta R.T. -0.017 min

Lab File: BN037459.D

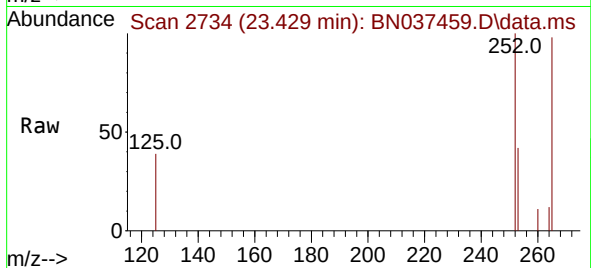
Acq: 10 Jul 2025 15:42

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025



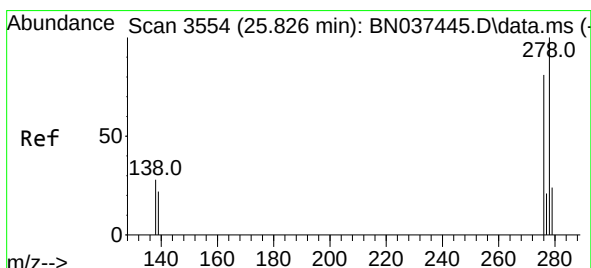
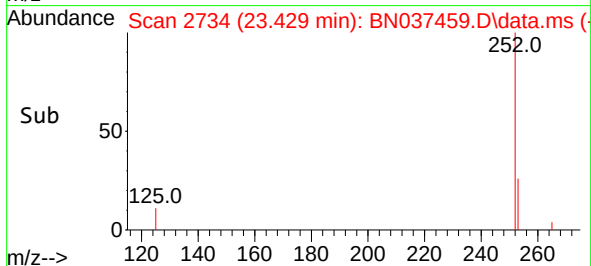
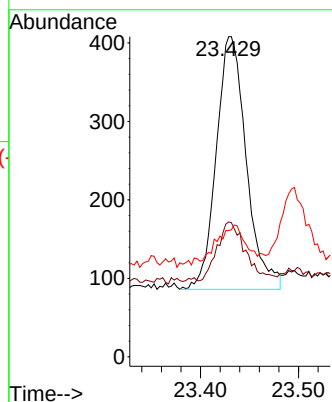
Tgt Ion:252 Resp: 686

Ion Ratio Lower Upper

252 100

253 42.2 19.7 29.5#

125 39.5 15.4 23.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.075 ng

RT: 25.817 min Scan# 3551

Delta R.T. -0.026 min

Lab File: BN037459.D

Acq: 10 Jul 2025 15:42

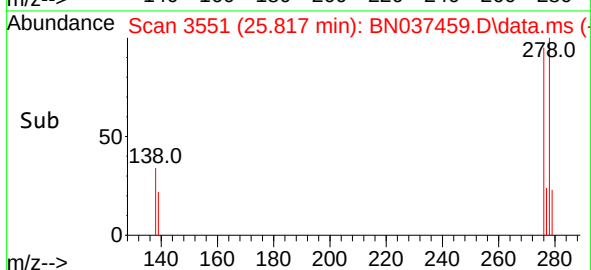
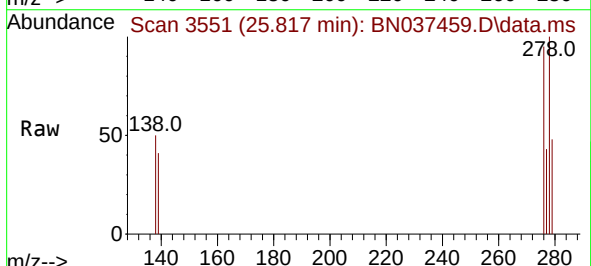
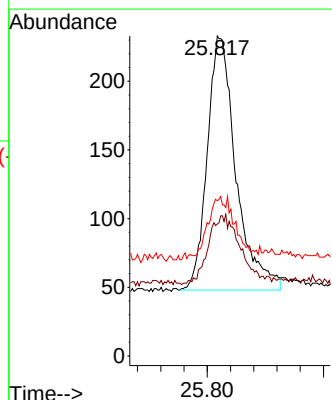
Tgt Ion:278 Resp: 636

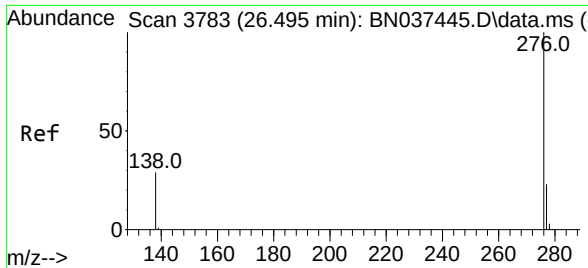
Ion Ratio Lower Upper

278 100

139 41.2 21.2 31.8#

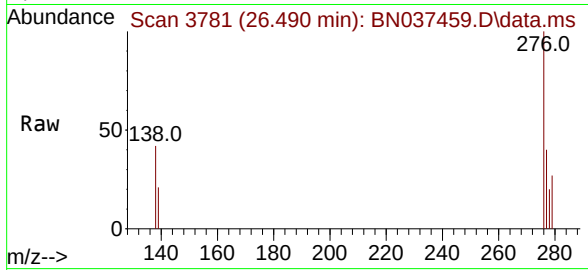
279 48.5 22.7 34.1#





#41
 Benzo(g,h,i)perylene
 Concen: 0.077 ng
 RT: 26.490 min Scan# 31
 Delta R.T. -0.026 min
 Lab File: BN037459.D
 Acq: 10 Jul 2025 15:42

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 276 Resp: 710

Ion	Ratio	Lower	Upper
276	100		
277	39.8	19.8	29.8#
138	41.8	25.9	38.9#

