

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
 Data File : BN033349.D
 Acq On : 12 Aug 2024 13:34
 Operator : MA/JU
 Sample : P3390-02
 Misc : LOD-SOIL-0.1ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Aug 12 14:11:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 12 01:09:50 2024
 Response via : Initial Calibration

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

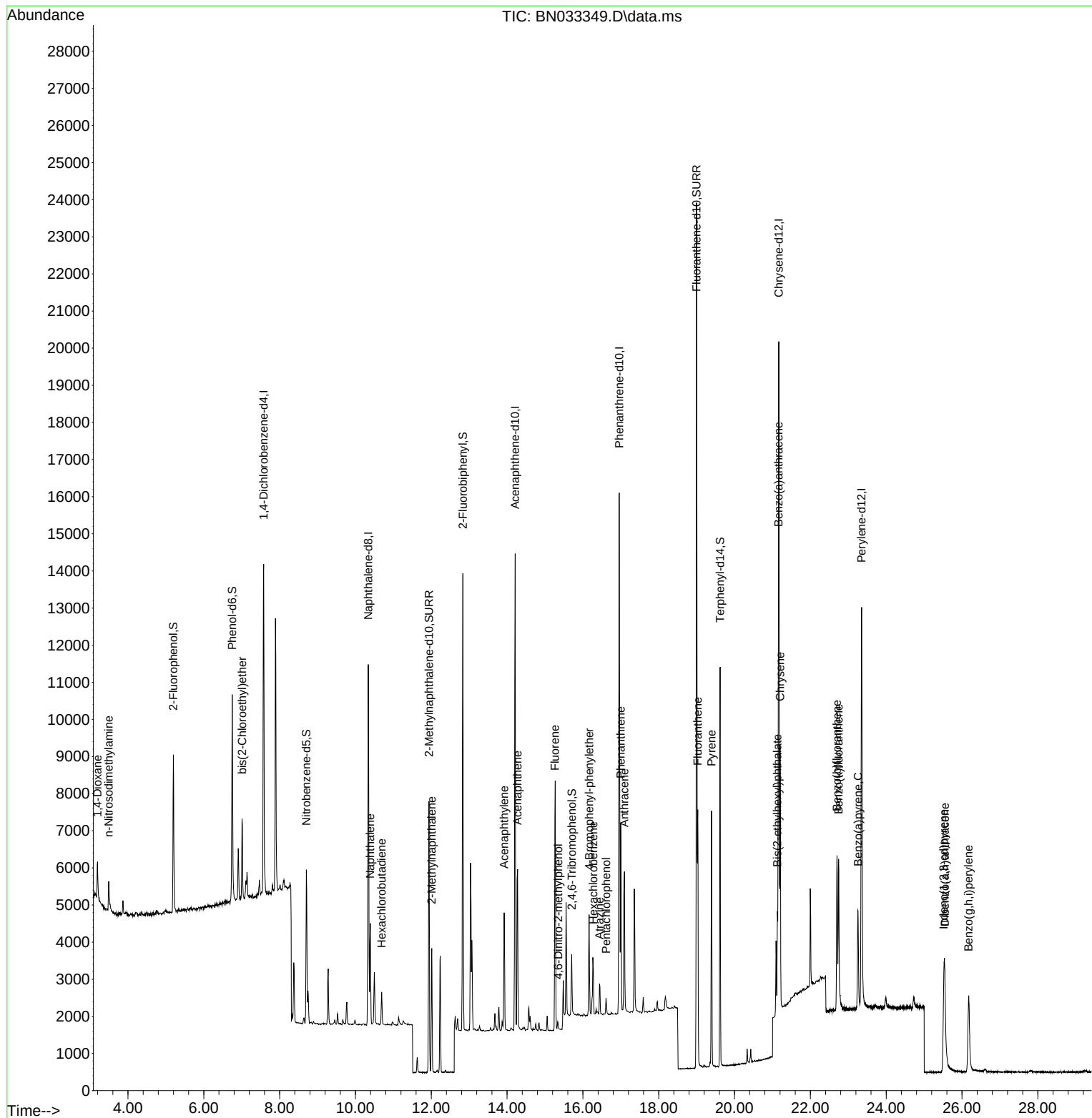
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	4341	0.400	ng	0.00
7) Naphthalene-d8	10.338	136	11777	0.400	ng	0.00
13) Acenaphthene-d10	14.212	164	6946	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	17272	0.400	ng	0.00
29) Chrysene-d12	21.166	240	13700	0.400	ng	0.00
35) Perylene-d12	23.352	264	13748	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	3345	0.279	ng	0.00
5) Phenol-d6	6.749	99	4757	0.294	ng	0.00
8) Nitrobenzene-d5	8.704	82	3114	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	9481	0.523	ng	0.00
14) 2,4,6-Tribromophenol	15.704	330	922	0.259	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	9956	0.350	ng	0.00
27) Fluoranthene-d10	18.997	212	24677	0.534	ng	0.00
31) Terphenyl-d14	19.620	244	9754	0.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	714	0.148	ng	99
3) n-Nitrosodimethylamine	3.492	42	718	0.116	ng	90
6) bis(2-Chloroethyl)ether	7.009	93	1426	0.109	ng	96
9) Naphthalene	10.391	128	3501	0.108	ng	# 95
10) Hexachlorobutadiene	10.690	225	674	0.109	ng	# 100
12) 2-Methylnaphthalene	12.011	142	2275	0.104	ng	94
16) Acenaphthylene	13.924	152	3280	0.101	ng	99
17) Acenaphthene	14.276	154	2205	0.099	ng	96
18) Fluorene	15.260	166	2964	0.101	ng	98
20) 4,6-Dinitro-2-methylph...	15.345	198	155	0.074	ng	# 1
21) 4-Bromophenyl-phenylether	16.164	248	1011	0.098	ng	93
22) Hexachlorobenzene	16.275	284	1191	0.103	ng	98
23) Atrazine	16.437	200	717	0.087	ng	# 90
24) Pentachlorophenol	16.611	266	206	0.044	ng	96
25) Phenanthrene	16.995	178	5255	0.105	ng	99
26) Anthracene	17.095	178	4403	0.100	ng	99
28) Fluoranthene	19.030	202	6007	0.098	ng	98
30) Pyrene	19.392	202	5962	0.109	ng	100
32) Benzo(a)anthracene	21.157	228	5026	0.098	ng	98
33) Chrysene	21.201	228	5438	0.106	ng	98
34) Bis(2-ethylhexyl)phtha...	21.130	149	2428	0.104	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.518	276	4696	0.083	ng	98
37) Benzo(b)fluoranthene	22.703	252	5070	0.098	ng	# 86
38) Benzo(k)fluoranthene	22.747	252	5101	0.097	ng	# 86
39) Benzo(a)pyrene	23.255	252	3894	0.089	ng	# 80
40) Dibenzo(a,h)anthracene	25.548	278	3614	0.081	ng	# 83
41) Benzo(g,h,i)perylene	26.173	276	4242	0.085	ng	# 90

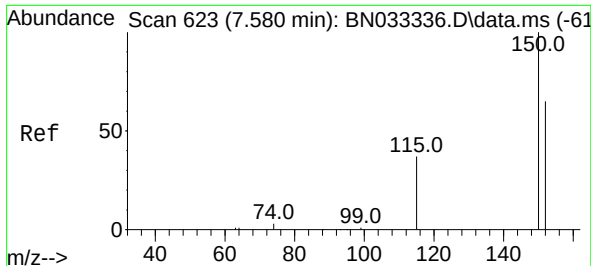
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033349.D
Acq On : 12 Aug 2024 13:34
Operator : MA/JU
Sample : P3390-02
Misc : LOD-SOIL-0.1ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

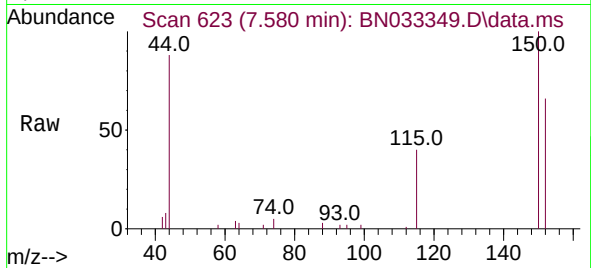
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration



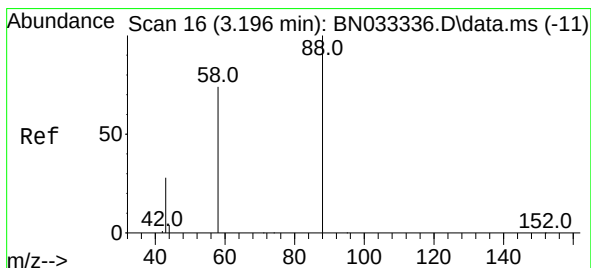
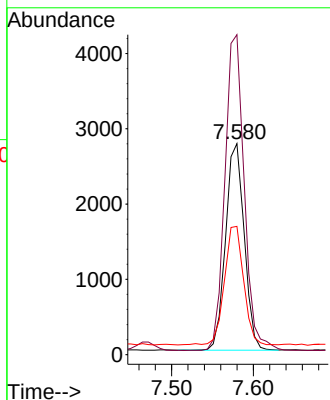
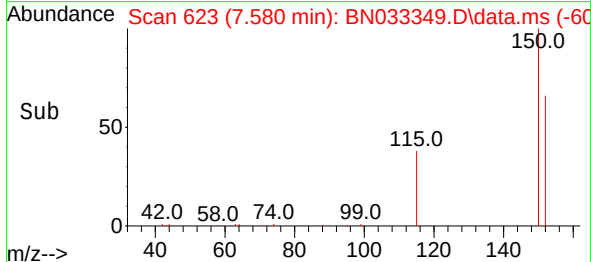


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.580 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

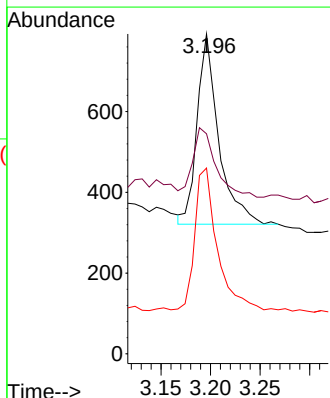
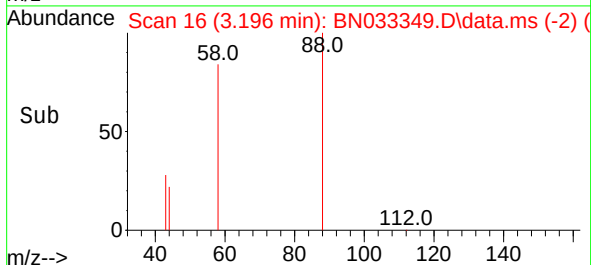
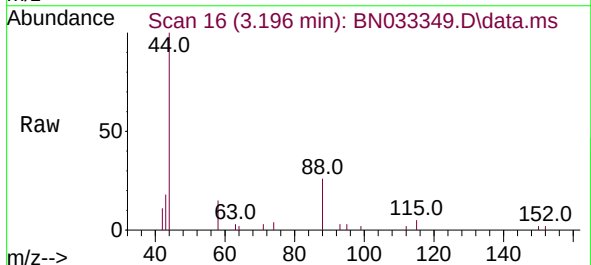


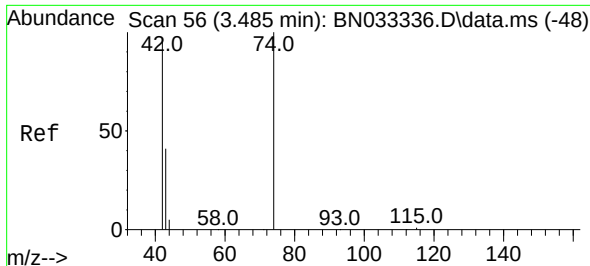
Tgt Ion:152 Resp: 4341
 Ion Ratio Lower Upper
 152 100
 150 151.6 122.3 183.5
 115 60.8 48.8 73.2



#2
 1,4-Dioxane
 Concen: 0.148 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

Tgt Ion: 88 Resp: 714
 Ion Ratio Lower Upper
 88 100
 43 39.1 30.6 46.0
 58 79.4 64.5 96.7

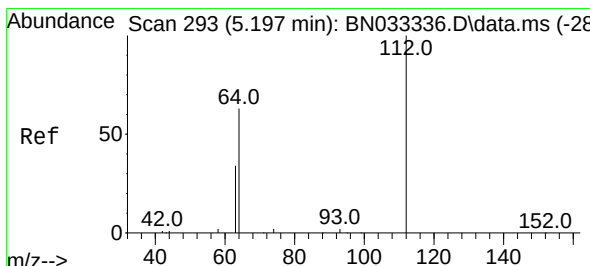
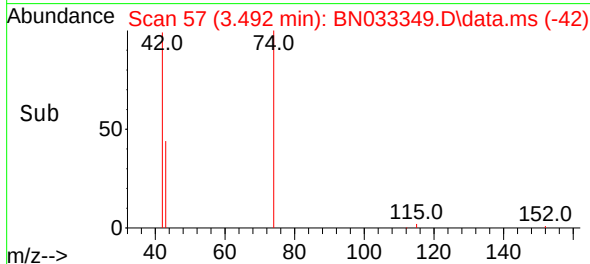
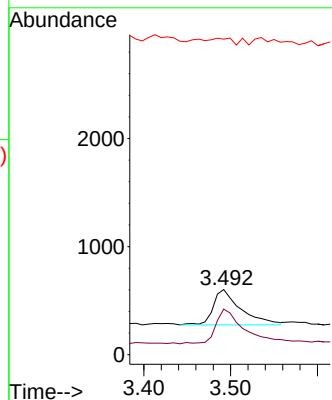
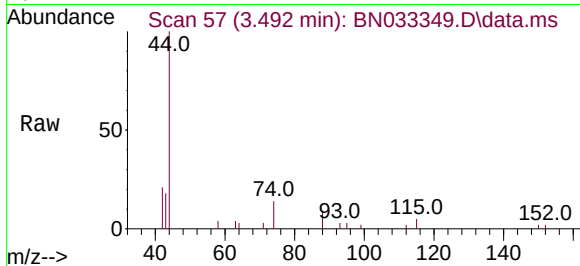




#3
n-Nitrosodimethylamine
Concen: 0.116 ng
RT: 3.492 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

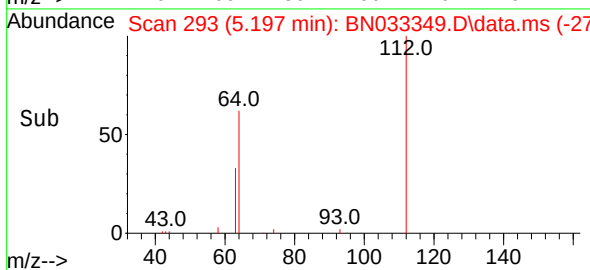
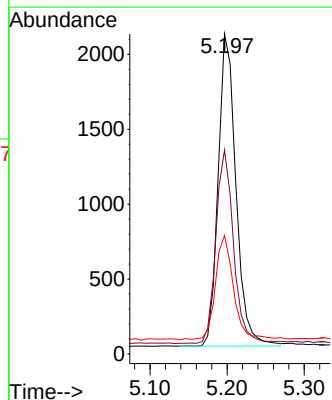
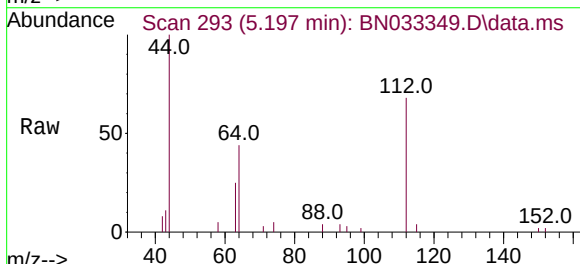
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

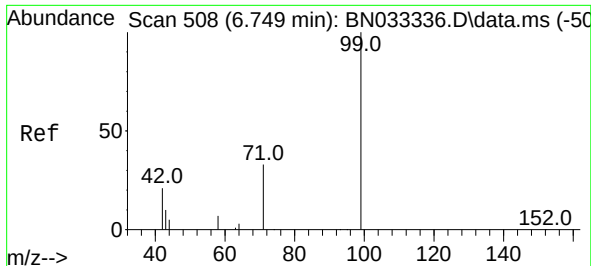
Tgt Ion: 42 Resp: 718
Ion Ratio Lower Upper
42 100
74 99.9 89.0 133.6
44 14.1 11.0 16.4



#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.197 min Scan# 293
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion: 112 Resp: 3345
Ion Ratio Lower Upper
112 100
64 62.0 48.1 72.1
63 34.1 25.4 38.2

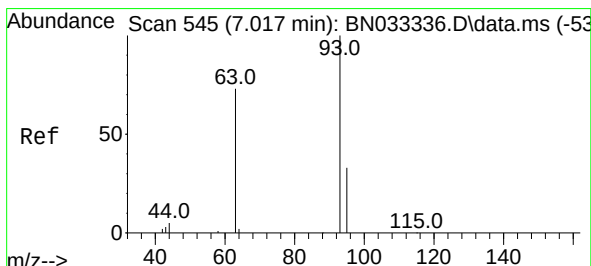
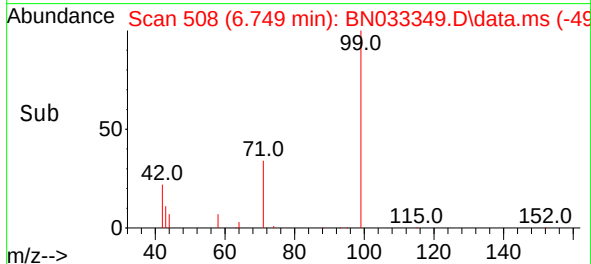
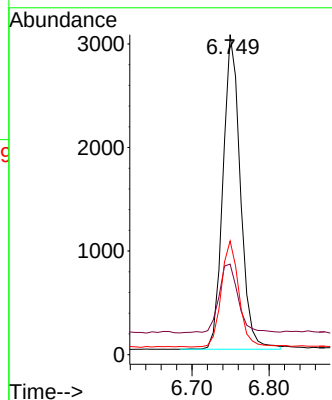
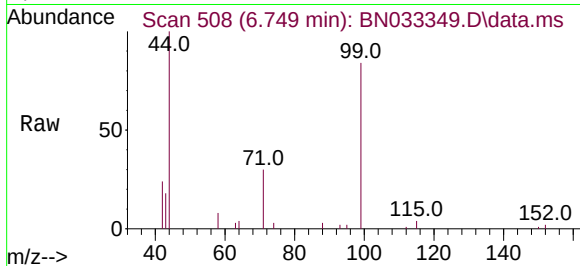




#5
Phenol-d6
Concen: 0.294 ng
RT: 6.749 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

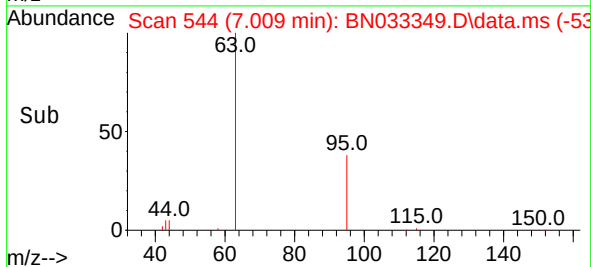
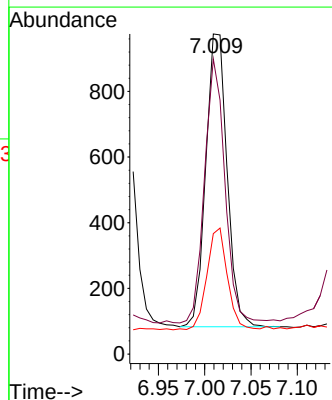
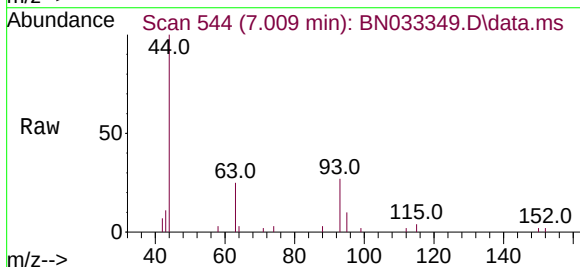
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

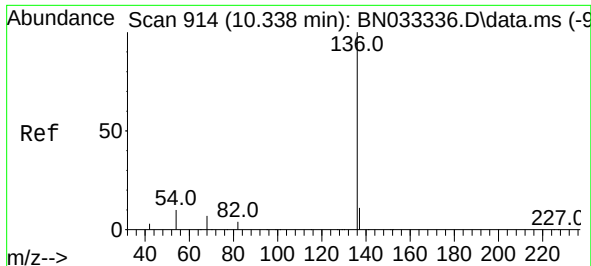
Tgt Ion: 99 Resp: 4757
Ion Ratio Lower Upper
99 100
42 24.6 18.5 27.7
71 34.2 26.2 39.2



#6
bis(2-Chloroethyl)ether
Concen: 0.109 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion: 93 Resp: 1426
Ion Ratio Lower Upper
93 100
63 86.3 65.2 97.8
95 33.5 26.2 39.4

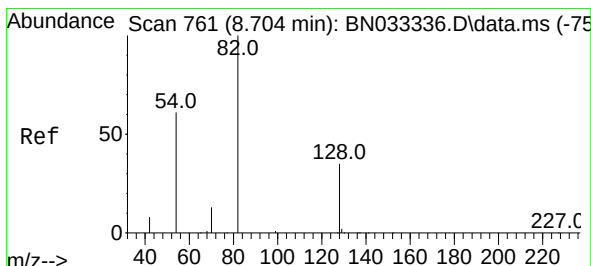
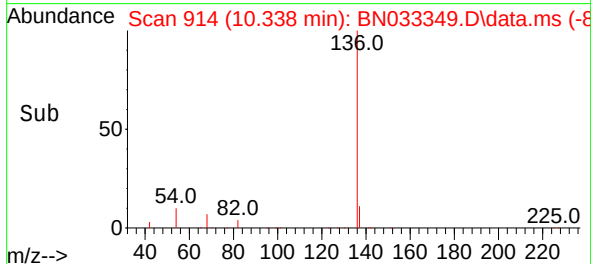
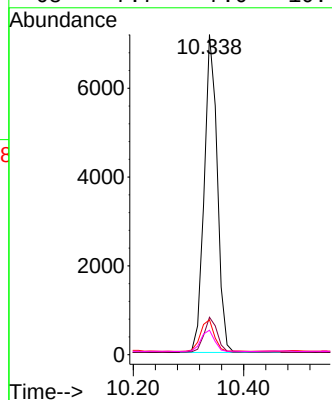
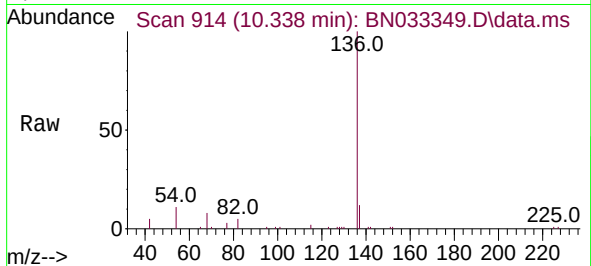




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.338 min Scan# 914
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

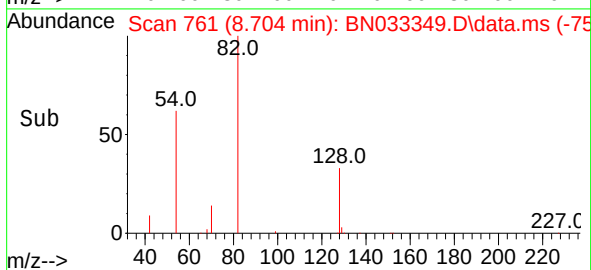
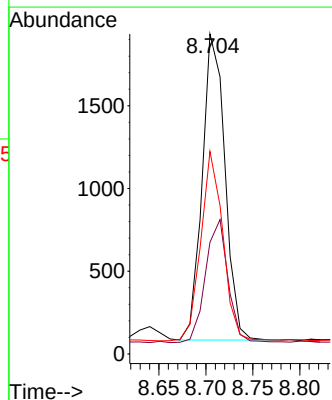
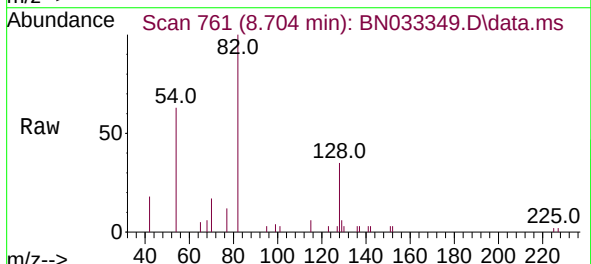
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2024

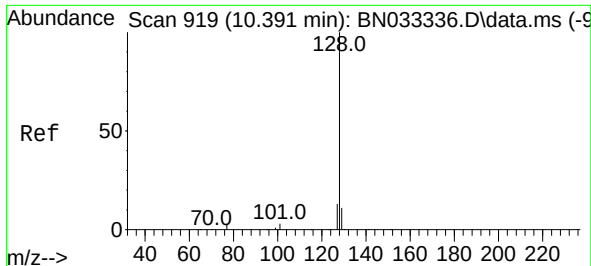
Tgt Ion:	136	Resp:	11777
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.9	9.4	14.0
68	7.7	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.704 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion:	82	Resp:	3114
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.0	43.4
54	63.3	50.2	75.4

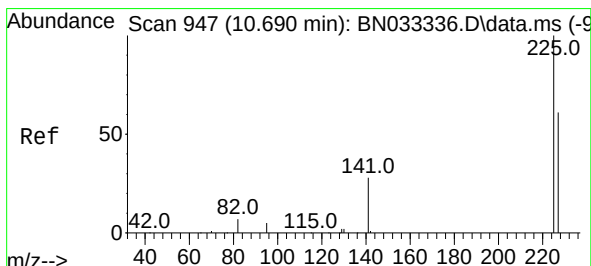
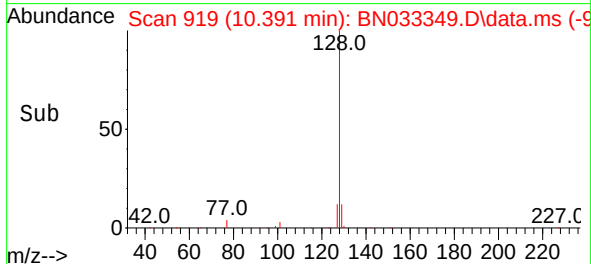
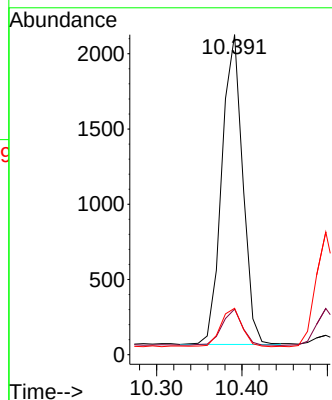
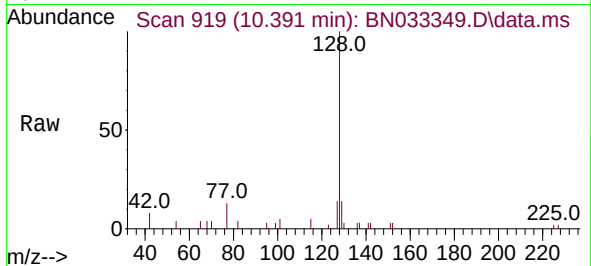




#9
Naphthalene
Concen: 0.108 ng
RT: 10.391 min Scan# 919
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

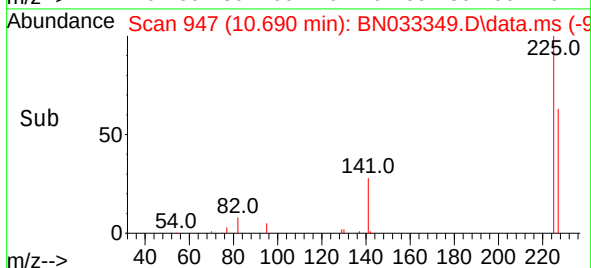
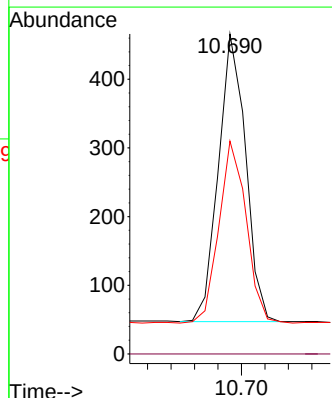
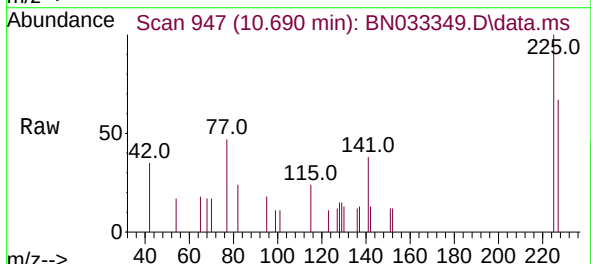
Instrument :
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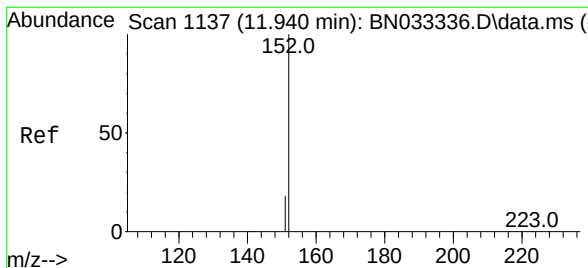
Tgt Ion:128 Resp: 3501
Ion Ratio Lower Upper
128 100
129 14.2 9.2 13.8#
127 14.5 10.6 15.8



#10
Hexachlorobutadiene
Concen: 0.109 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion:225 Resp: 674
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.8 50.8 76.2

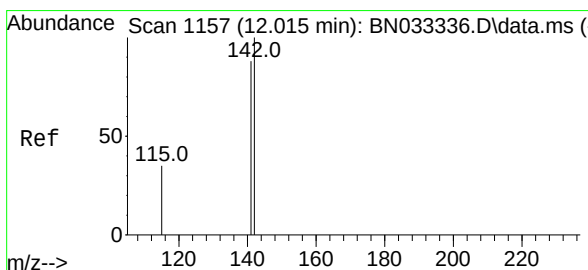
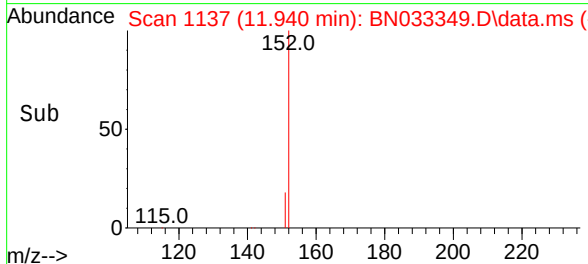
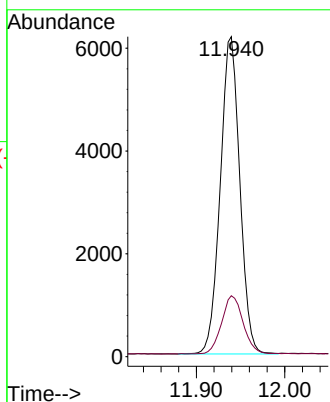
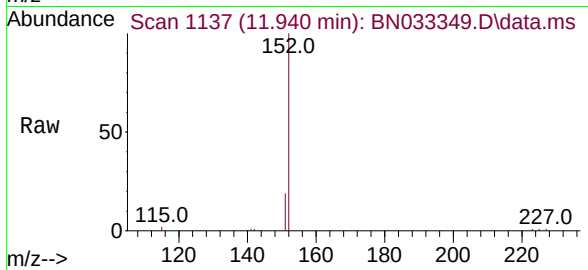




#11
2-Methylnaphthalene-d10
Concen: 0.523 ng
RT: 11.940 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

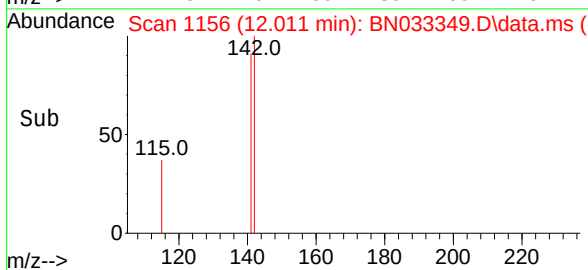
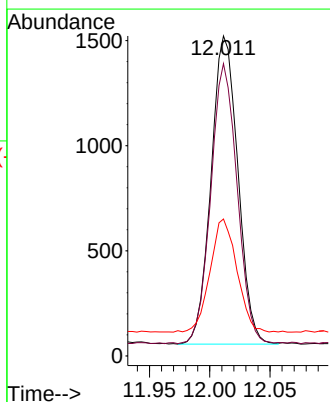
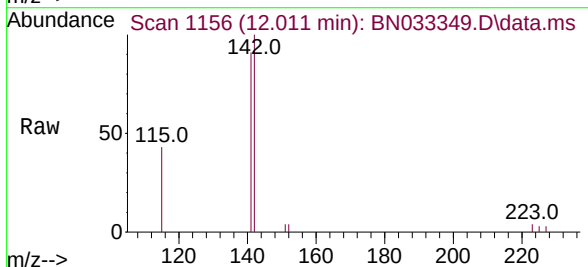
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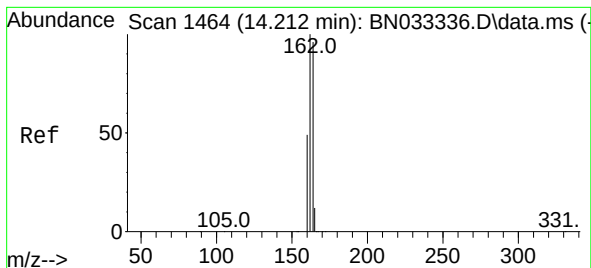
Tgt Ion:152 Resp: 9481
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.104 ng
RT: 12.011 min Scan# 1156
Delta R.T. -0.004 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion:142 Resp: 2275
Ion Ratio Lower Upper
142 100
141 91.3 70.2 105.4
115 42.8 29.3 43.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.212 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

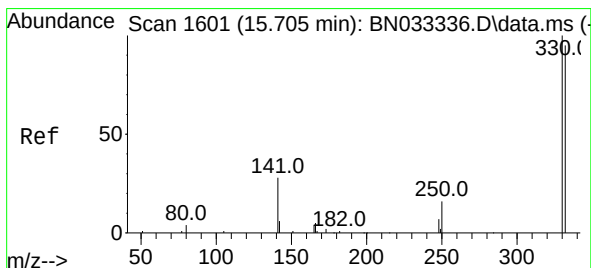
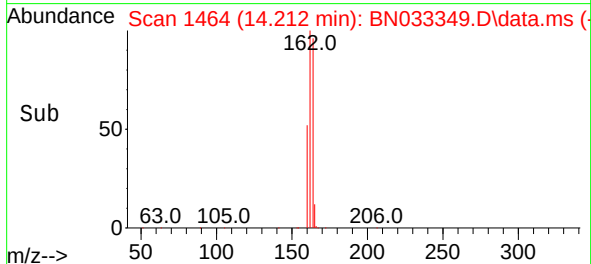
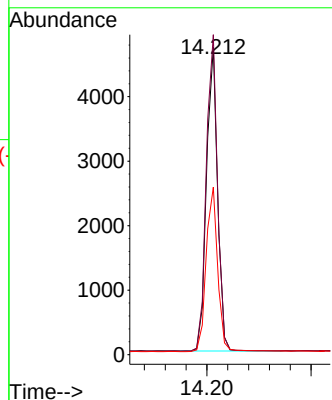
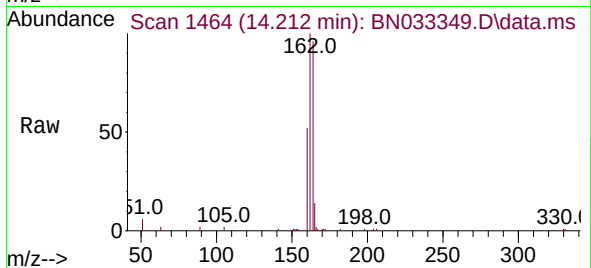
Tgt Ion:164 Resp: 6946

Ion Ratio Lower Upper

164 100

162 104.1 83.1 124.7

160 54.5 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.259 ng

RT: 15.704 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

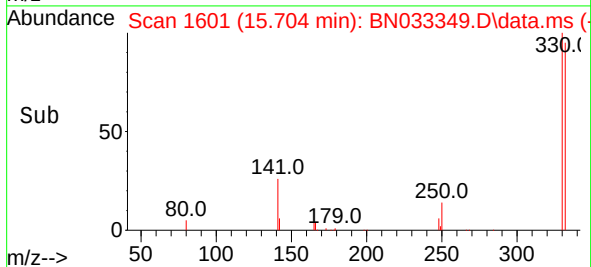
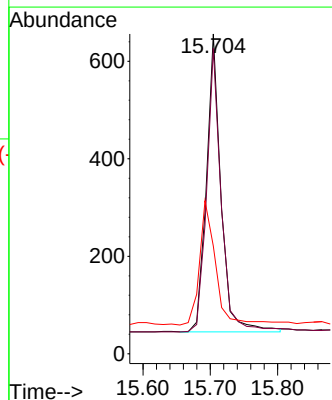
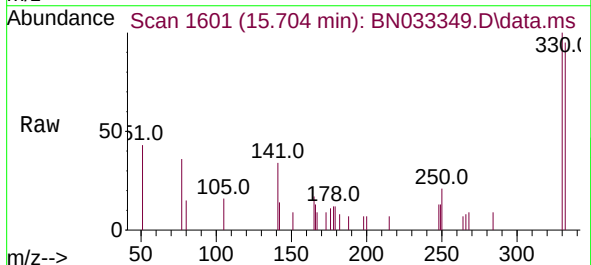
Tgt Ion:330 Resp: 922

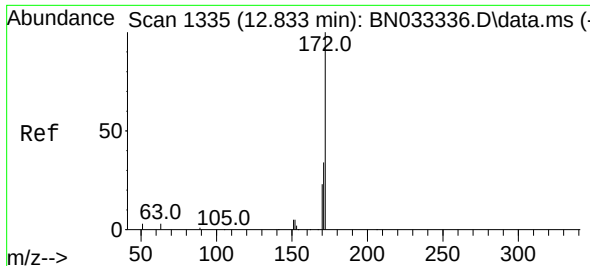
Ion Ratio Lower Upper

330 100

332 94.1 77.1 115.7

141 45.2 33.4 50.0

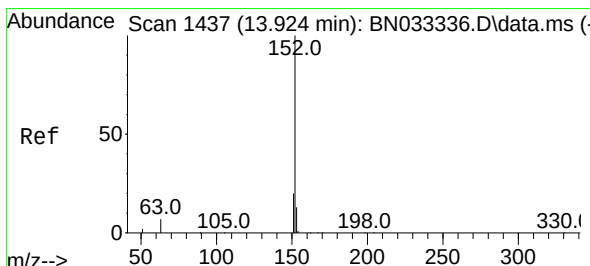
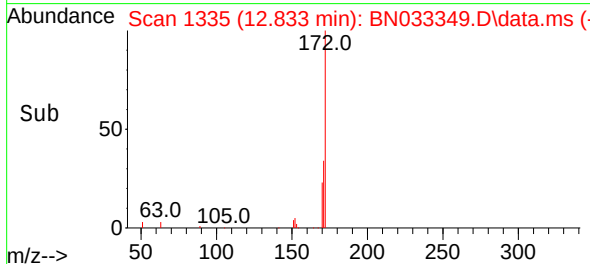
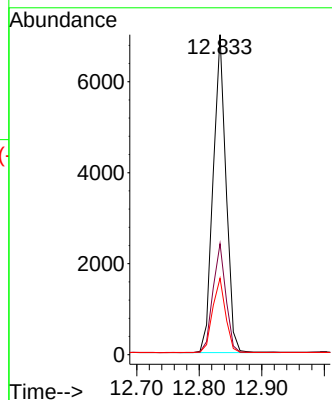
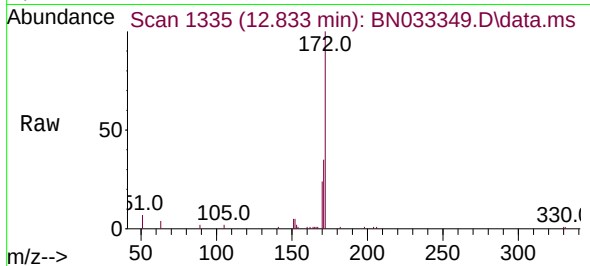




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.833 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

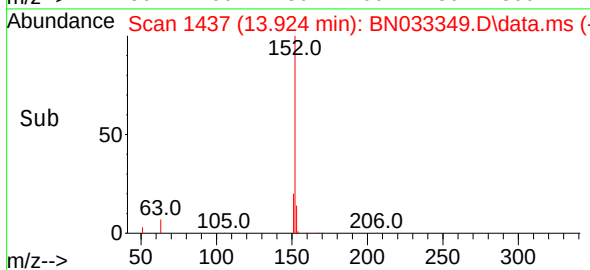
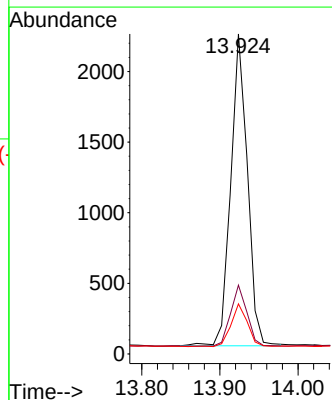
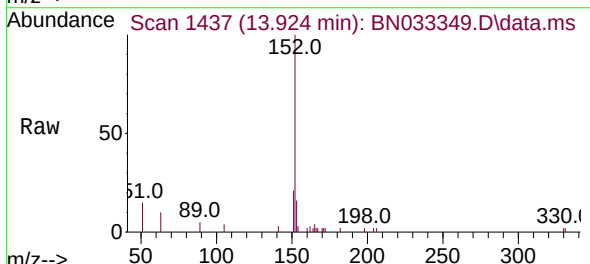
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

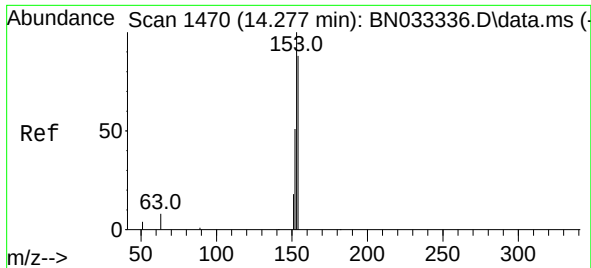
Tgt Ion:172 Resp: 9956
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.9 18.7 28.1



#16
Acenaphthylene
Concen: 0.101 ng
RT: 13.924 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion:152 Resp: 3280
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.5 10.4 15.6

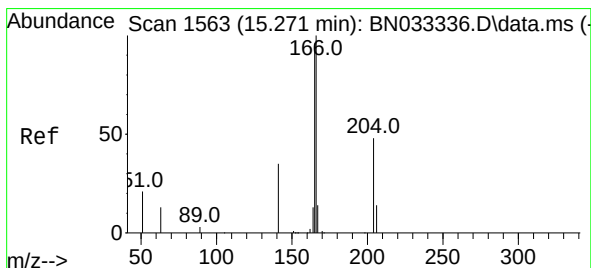
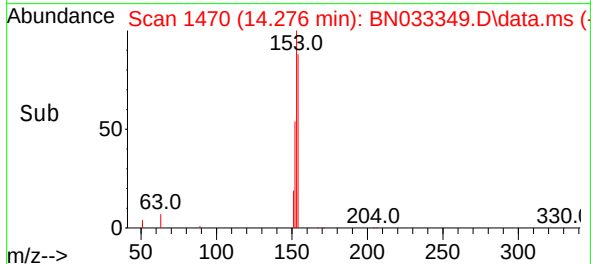
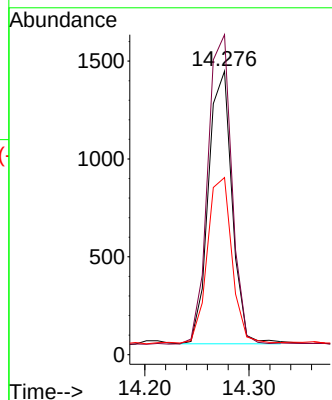
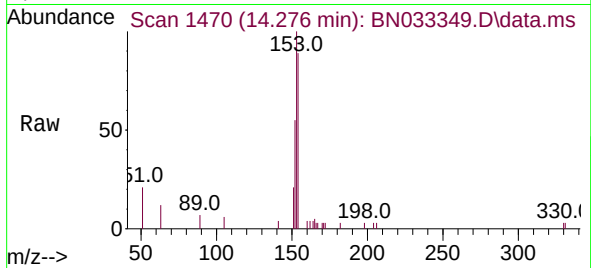




#17
Acenaphthene
Concen: 0.099 ng
RT: 14.276 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

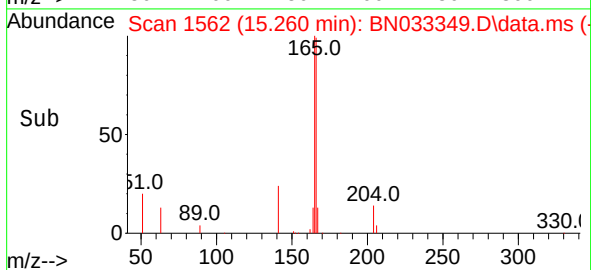
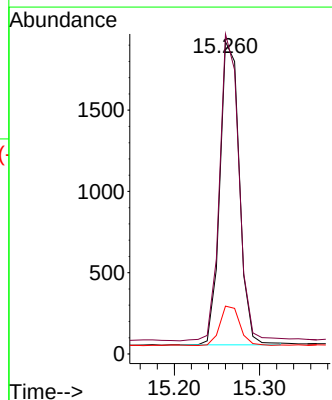
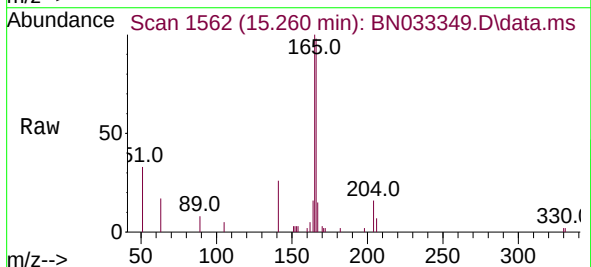
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

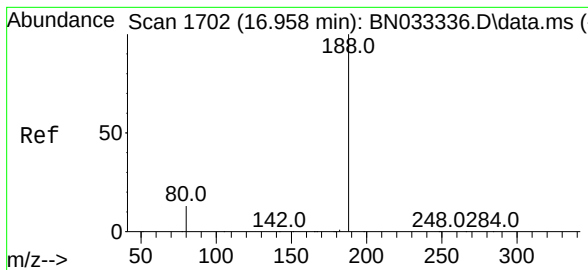
Tgt Ion:154 Resp: 2205
Ion Ratio Lower Upper
154 100
153 115.3 89.7 134.5
152 64.2 47.2 70.8



#18
Fluorene
Concen: 0.101 ng
RT: 15.260 min Scan# 1562
Delta R.T. -0.011 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion:166 Resp: 2964
Ion Ratio Lower Upper
166 100
165 100.1 78.0 117.0
167 13.4 10.7 16.1

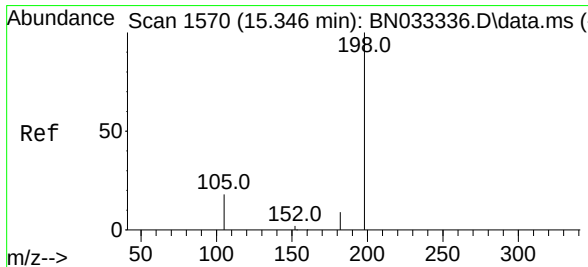
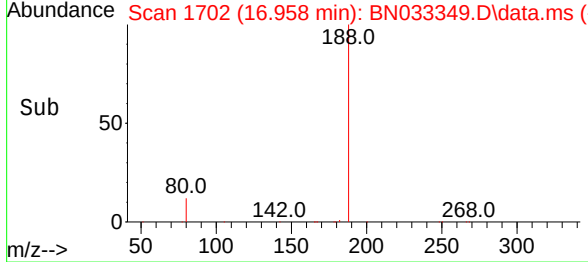
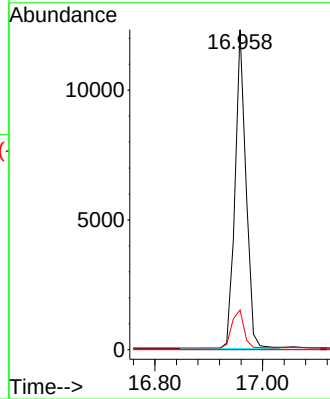
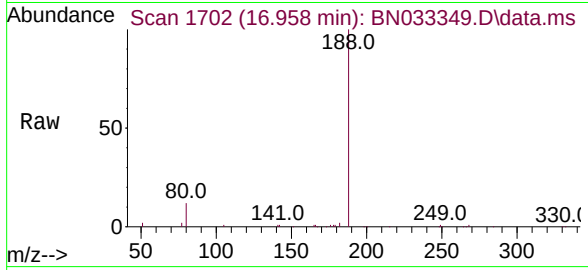




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.958 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

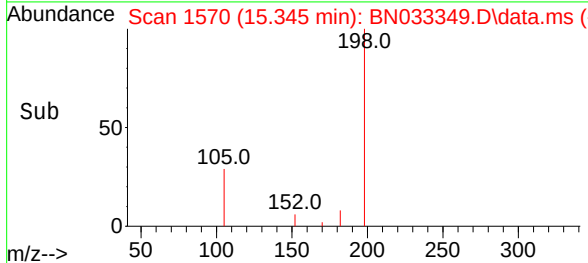
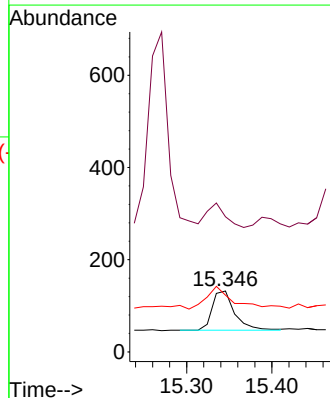
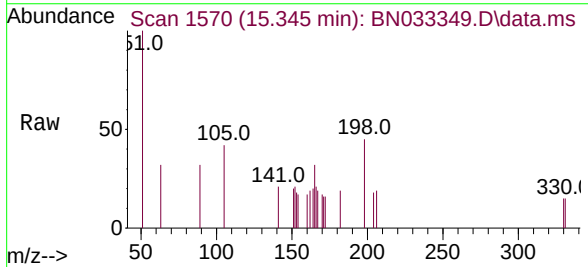
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

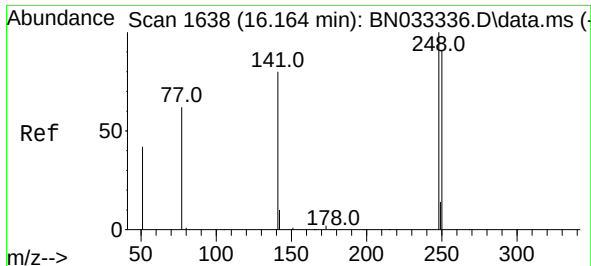
Tgt Ion:188 Resp: 17272
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 10.7 16.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.074 ng
RT: 15.345 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion:198 Resp: 155
Ion Ratio Lower Upper
198 100
51 222.0 62.8 94.2#
105 93.2 34.1 51.1#

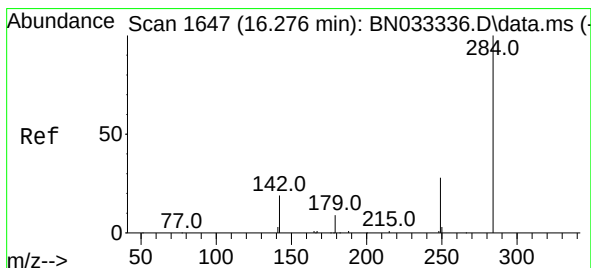
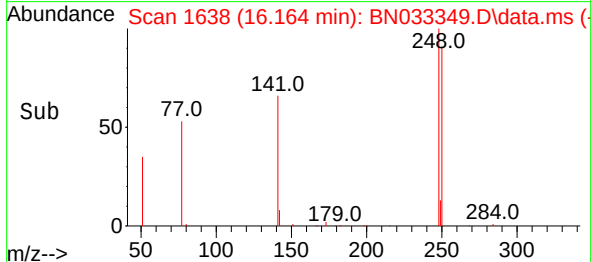
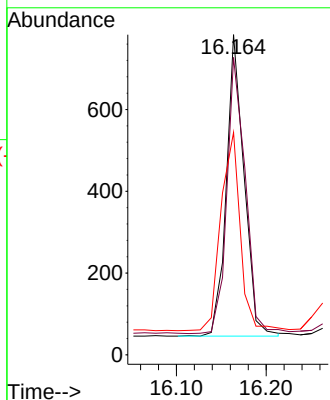
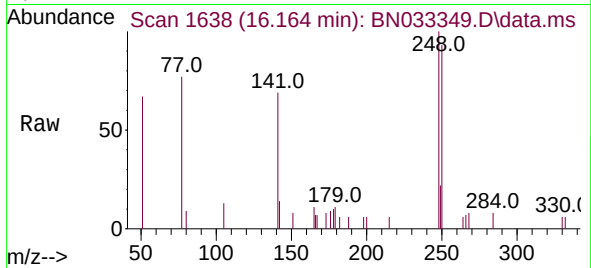




#21
4-Bromophenyl-phenylether
Concen: 0.098 ng
RT: 16.164 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

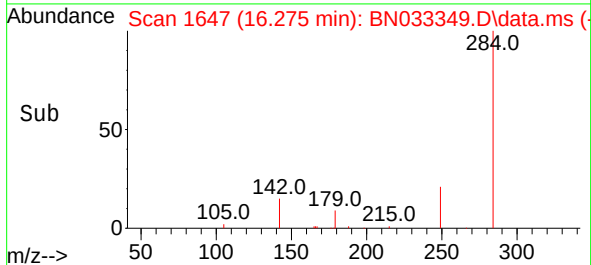
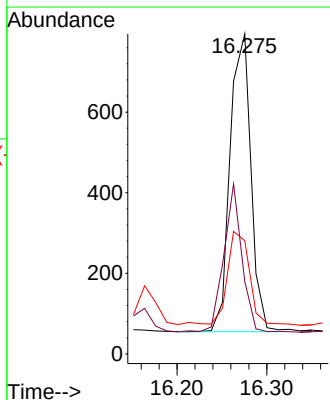
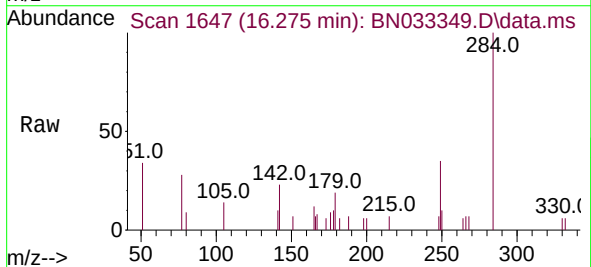
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

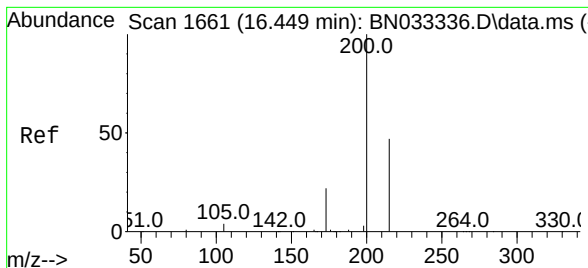
Tgt Ion:248 Resp: 1011
Ion Ratio Lower Upper
248 100
250 92.8 73.0 109.4
141 69.5 64.6 96.8



#22
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.275 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Tgt Ion:284 Resp: 1191
Ion Ratio Lower Upper
284 100
142 42.6 32.2 48.4
249 31.7 25.3 37.9





#23

Atrazine

Concen: 0.087 ng

RT: 16.437 min Scan# 1660

Delta R.T. -0.012 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

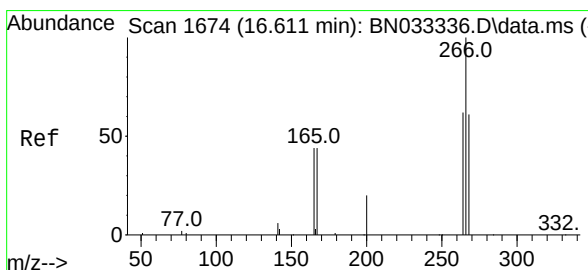
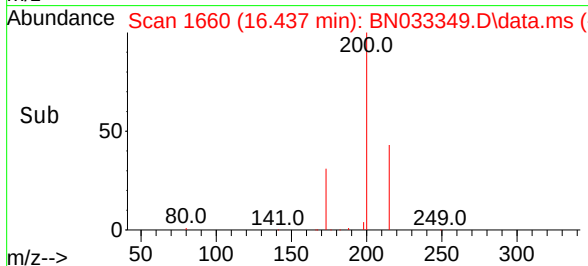
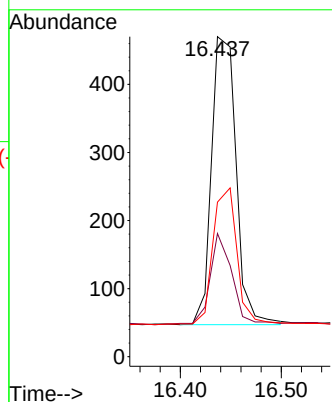
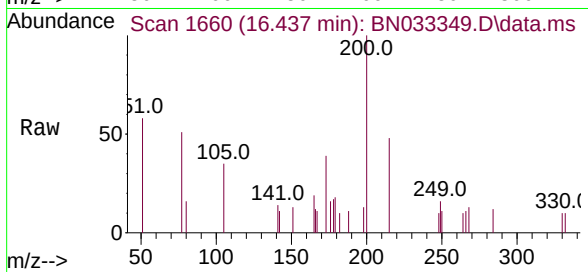
Tgt Ion:200 Resp: 717

Ion Ratio Lower Upper

200 100

173 38.5 18.7 28.1#

215 48.3 38.6 58.0



#24

Pentachlorophenol

Concen: 0.044 ng

RT: 16.611 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

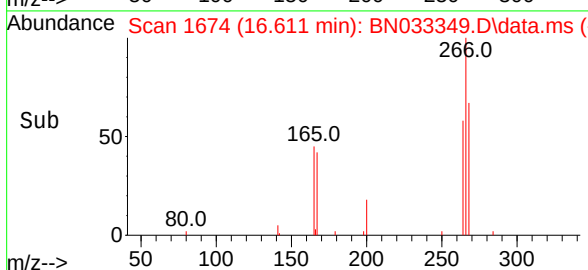
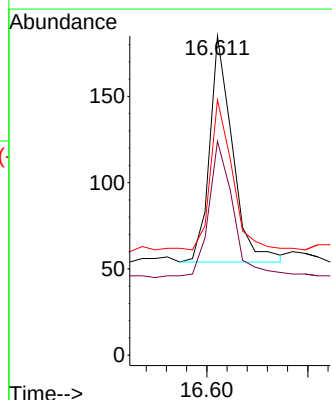
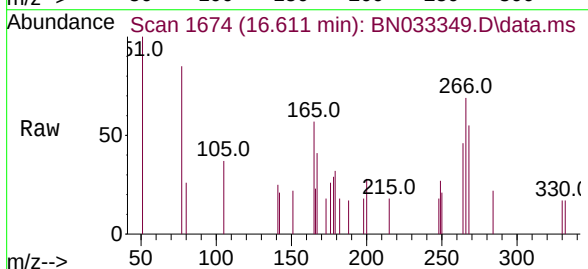
Tgt Ion:266 Resp: 206

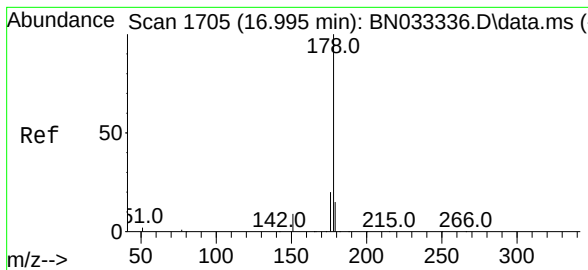
Ion Ratio Lower Upper

266 100

264 67.0 49.2 73.8

268 63.1 51.2 76.8

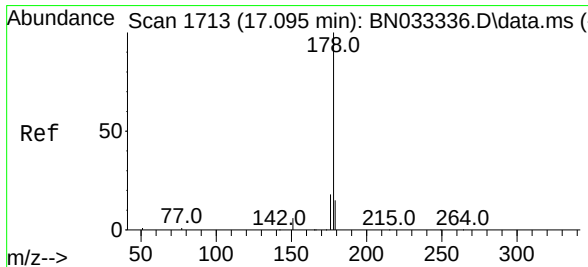
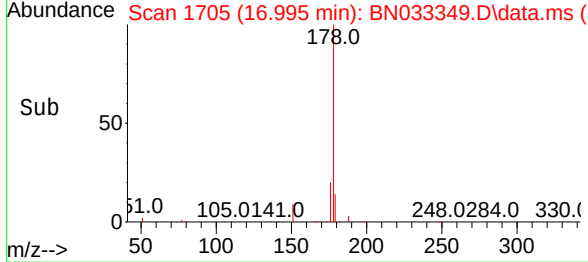
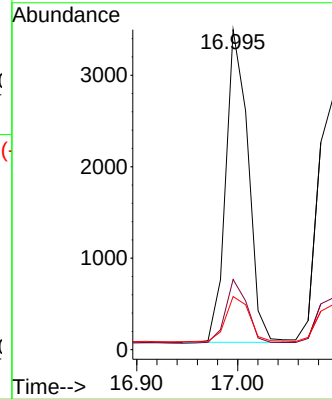
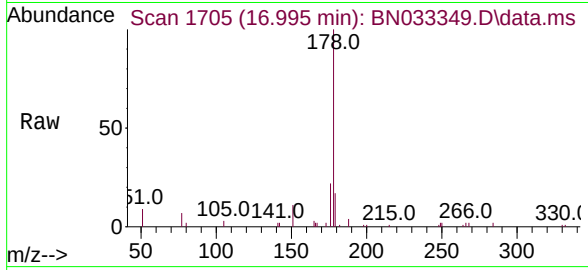




#25
 Phenanthrene
 Concen: 0.105 ng
 RT: 16.995 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

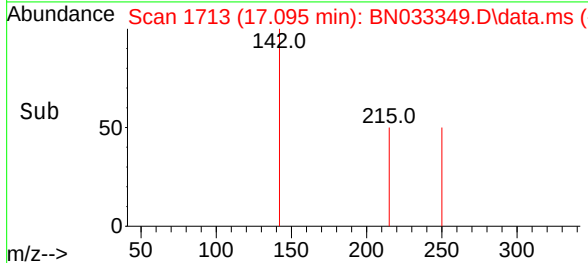
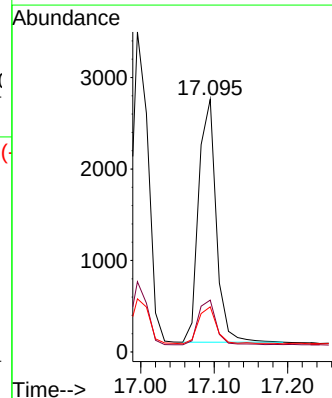
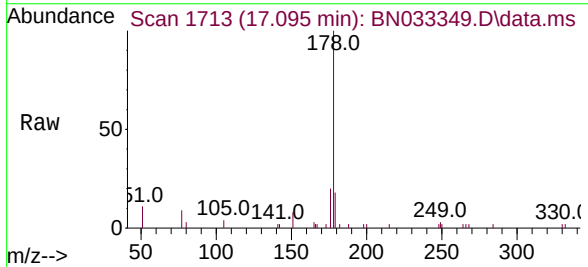
Instrument : BNA_N
 ClientSampleId : LOQ-SOIL-02-QT3-2024

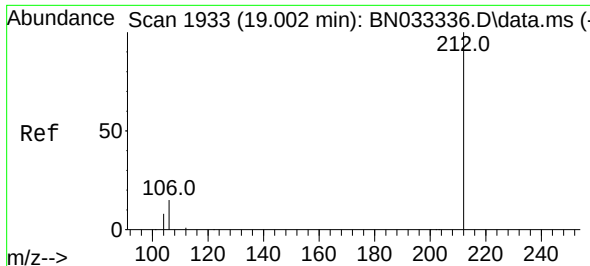
Tgt Ion:	178	Resp:	5255
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.4	23.0
179	15.6	12.2	18.2



#26
 Anthracene
 Concen: 0.100 ng
 RT: 17.095 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

Tgt Ion:	178	Resp:	4403
Ion Ratio	Lower	Upper	
178	100		
176	19.0	14.7	22.1
179	15.8	12.2	18.2





#27

Fluoranthene-d10

Concen: 0.534 ng

RT: 18.997 min Scan# 1932

Delta R.T. -0.005 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

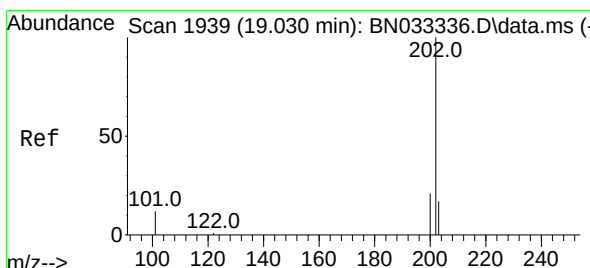
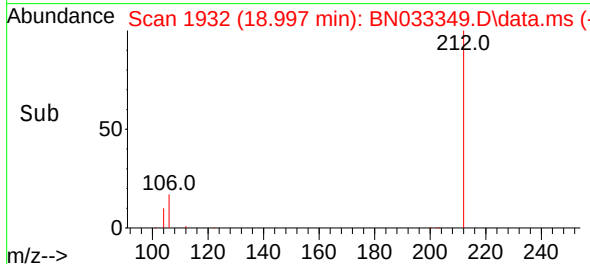
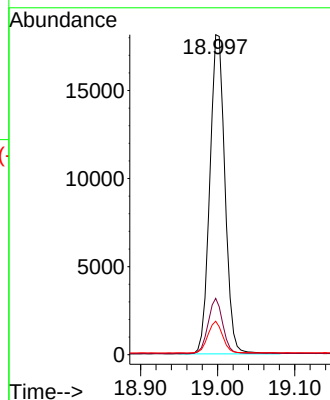
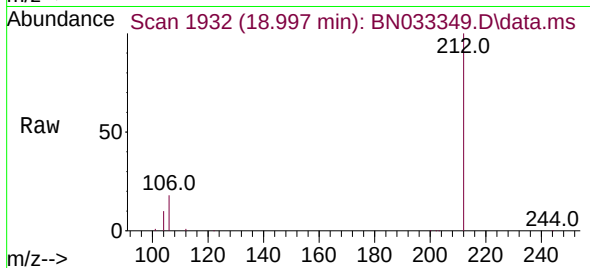
Tgt Ion:212 Resp: 24677

Ion Ratio Lower Upper

212 100

106 16.7 12.8 19.2

104 9.6 7.1 10.7



#28

Fluoranthene

Concen: 0.098 ng

RT: 19.030 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

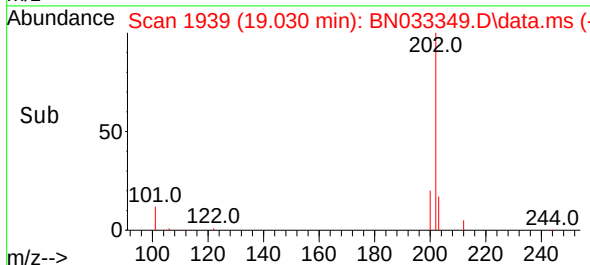
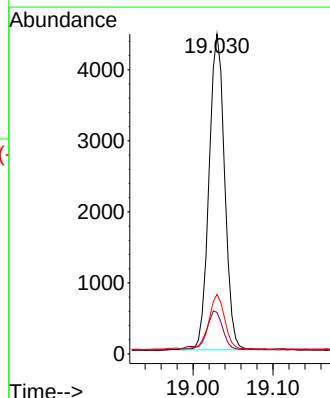
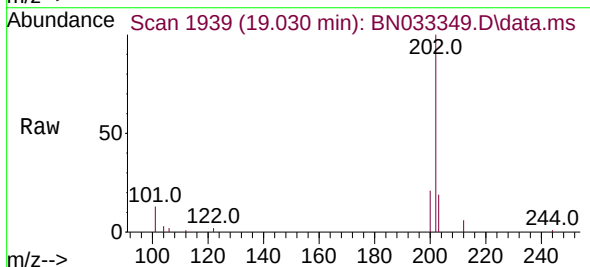
Tgt Ion:202 Resp: 6007

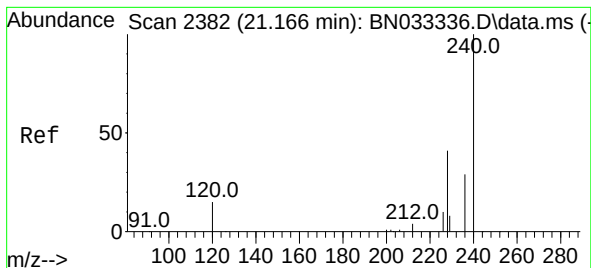
Ion Ratio Lower Upper

202 100

101 13.8 9.8 14.6

203 17.7 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.166 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

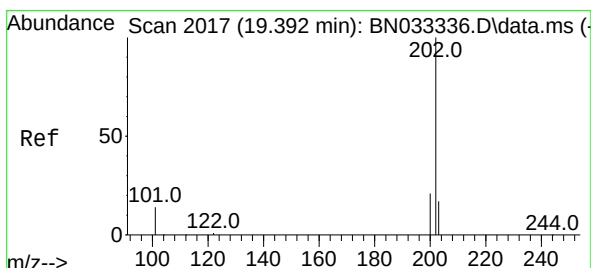
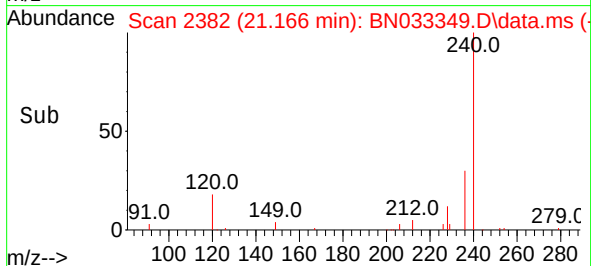
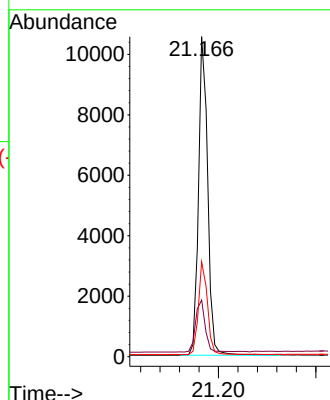
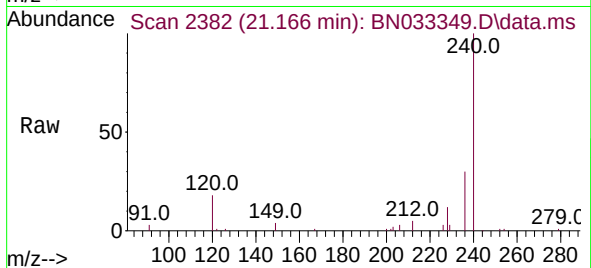
Tgt Ion:240 Resp: 13700

Ion Ratio Lower Upper

240 100

120 17.7 13.0 19.6

236 29.7 23.2 34.8



#30

Pyrene

Concen: 0.109 ng

RT: 19.392 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

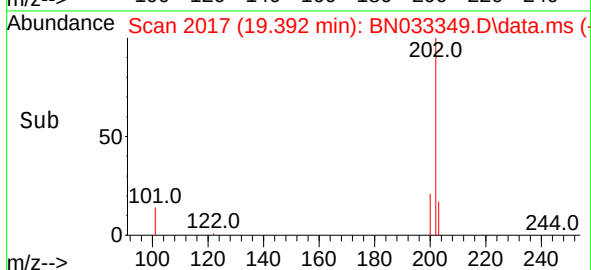
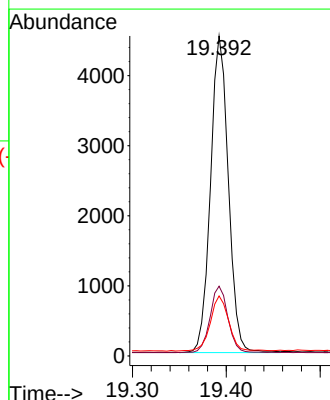
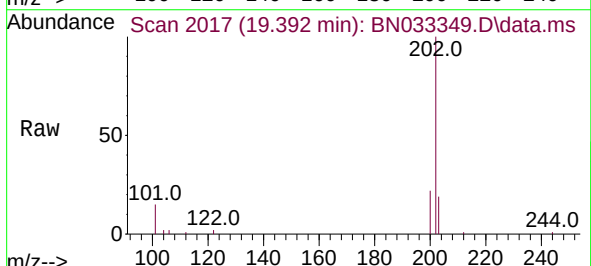
Tgt Ion:202 Resp: 5962

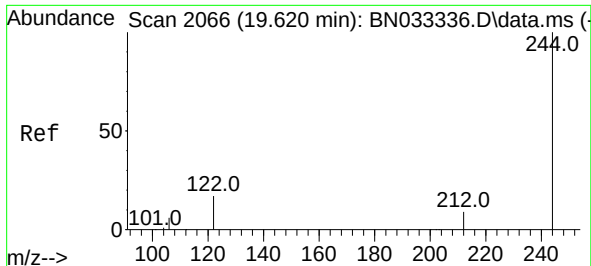
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.9 14.2 21.4

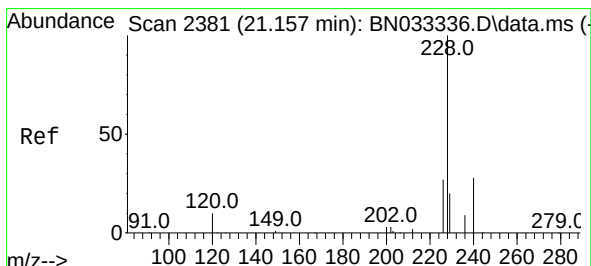
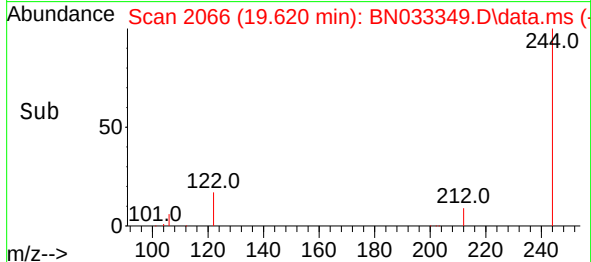
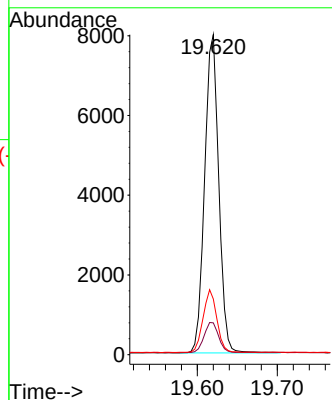
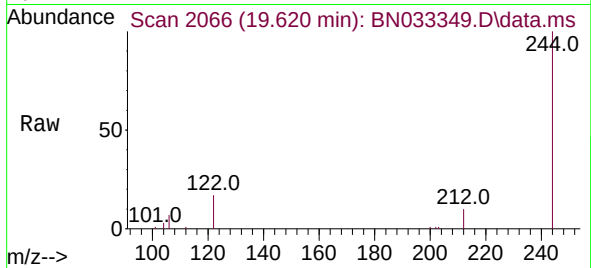




#31
 Terphenyl-d14
 Concen: 0.377 ng
 RT: 19.620 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

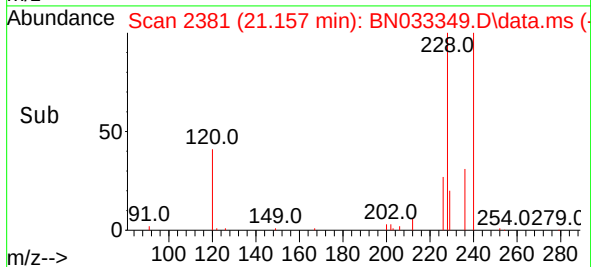
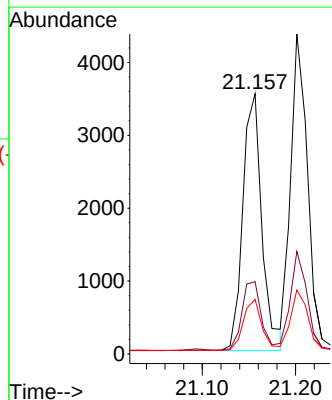
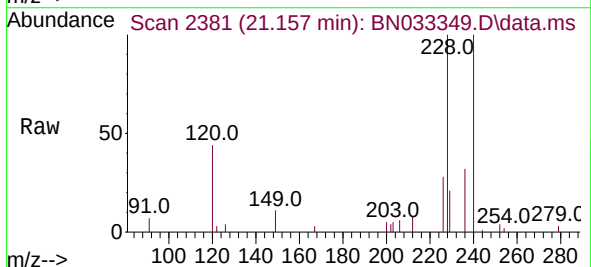
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

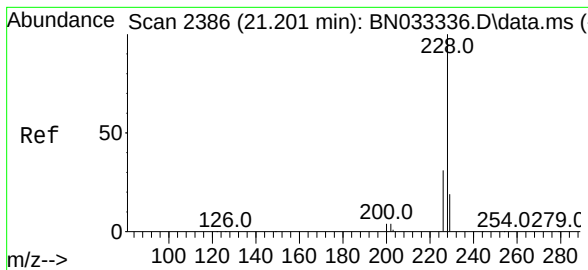
Tgt Ion:244 Resp: 9754
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.7 11.5
 122 17.4 14.0 21.0



#32
 Benzo(a)anthracene
 Concen: 0.098 ng
 RT: 21.157 min Scan# 2381
 Delta R.T. -0.000 min
 Lab File: BN033349.D
 Acq: 12 Aug 2024 13:34

Tgt Ion:228 Resp: 5026
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.6 32.4
 229 21.0 15.9 23.9





#33

Chrysene

Concen: 0.106 ng

RT: 21.201 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

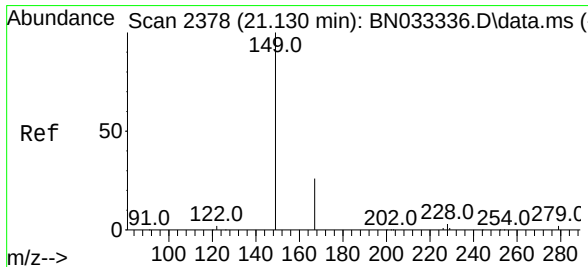
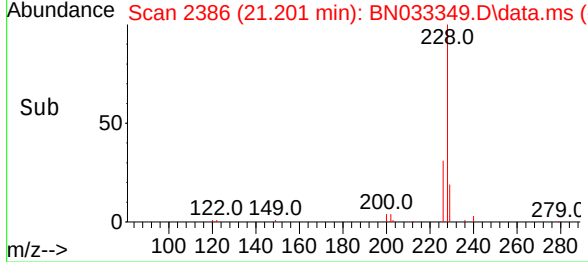
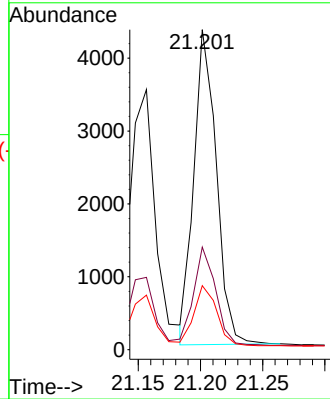
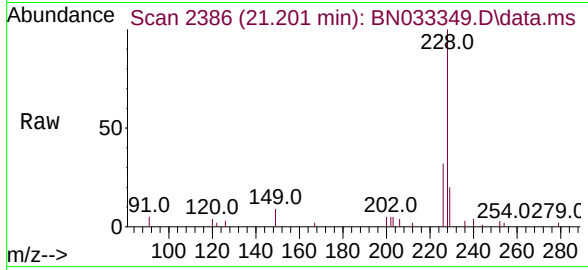
Tgt Ion:228 Resp: 5438

Ion Ratio Lower Upper

228 100

226 32.1 24.7 37.1

229 20.0 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.130 min Scan# 2378

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

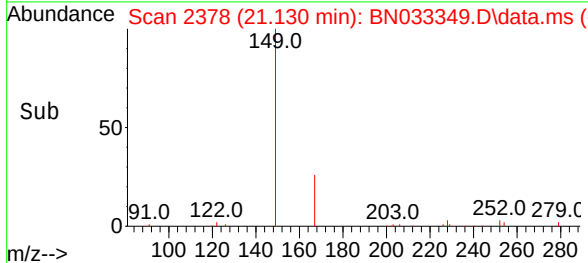
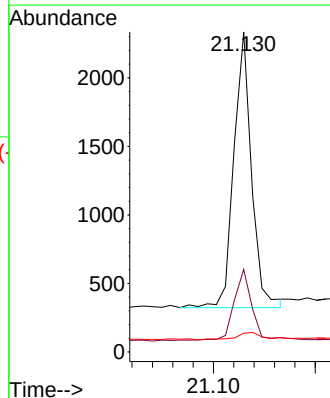
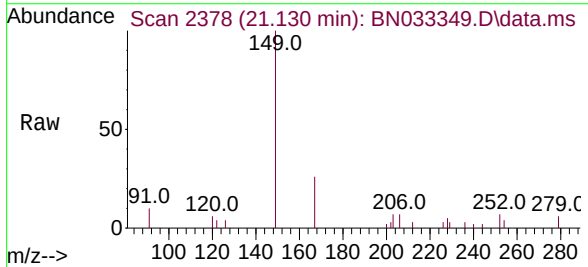
Tgt Ion:149 Resp: 2428

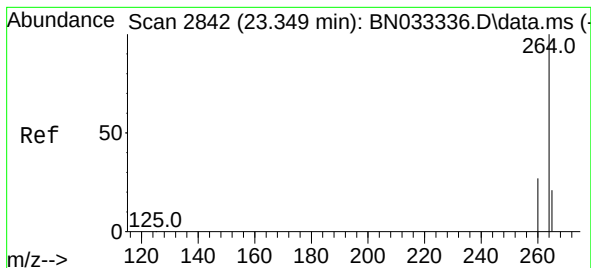
Ion Ratio Lower Upper

149 100

167 26.5 20.9 31.3

279 4.7 2.2 3.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

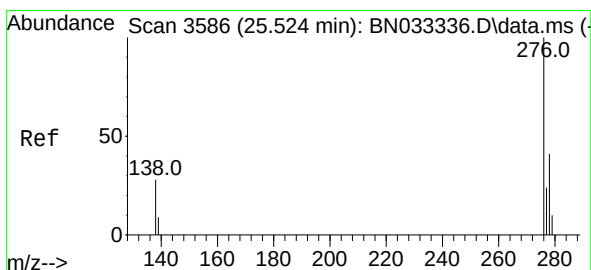
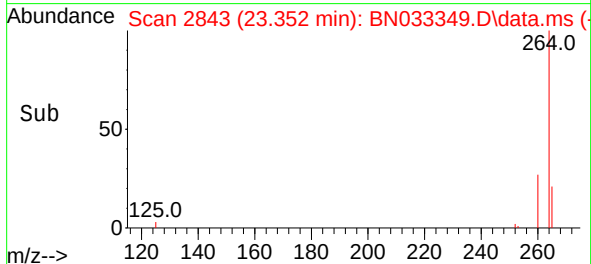
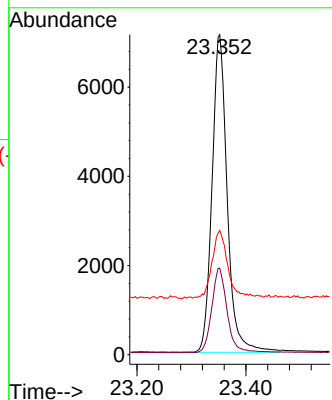
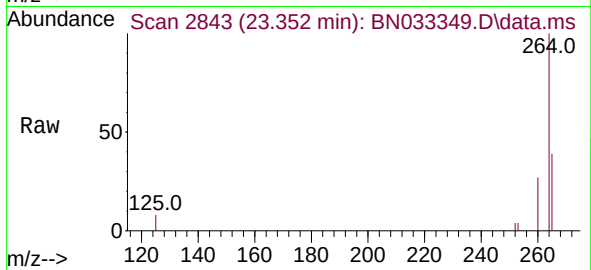
Tgt Ion:264 Resp: 13748

Ion Ratio Lower Upper

264 100

260 27.0 21.6 32.4

265 38.8 29.3 43.9



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.083 ng

RT: 25.518 min Scan# 3584

Delta R.T. -0.006 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

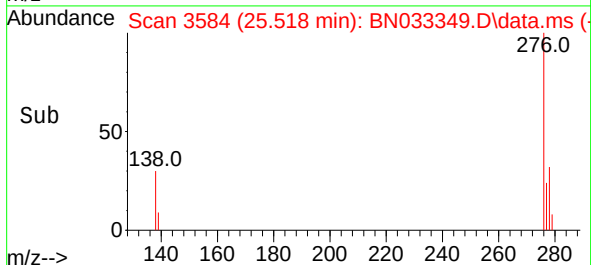
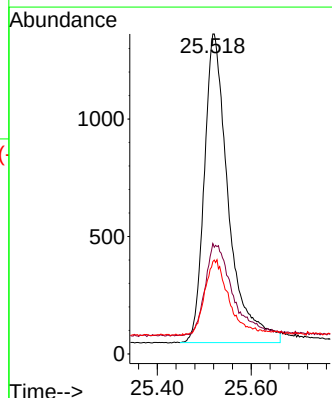
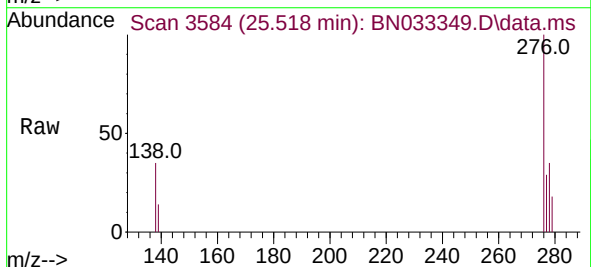
Tgt Ion:276 Resp: 4696

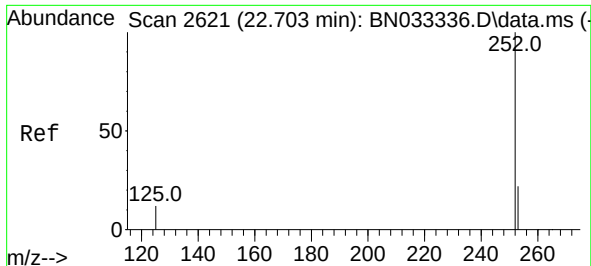
Ion Ratio Lower Upper

276 100

138 33.0 24.9 37.3

277 24.4 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.098 ng

RT: 22.703 min Scan# 2621

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

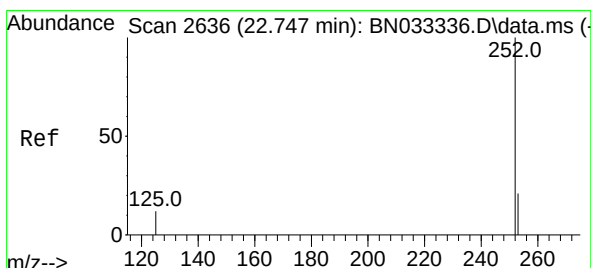
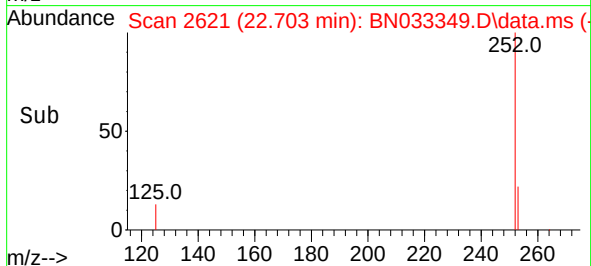
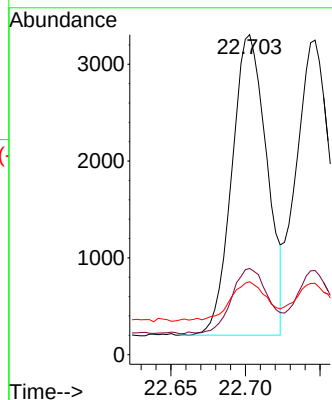
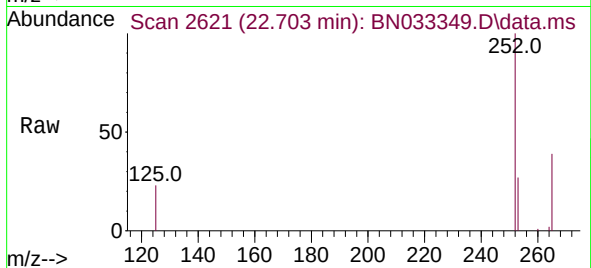
Tgt Ion:252 Resp: 5070

Ion Ratio Lower Upper

252 100

253 27.0 18.2 27.2

125 22.8 11.3 16.9#



#38

Benzo(k)fluoranthene

Concen: 0.097 ng

RT: 22.747 min Scan# 2636

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

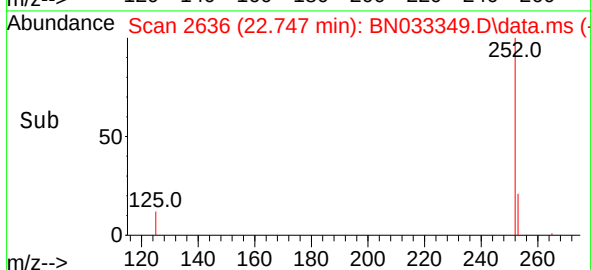
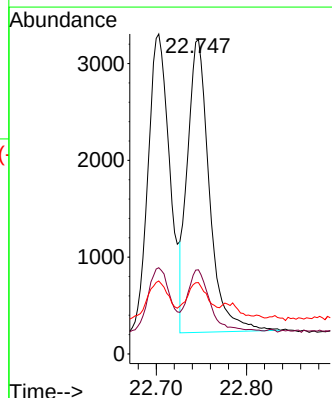
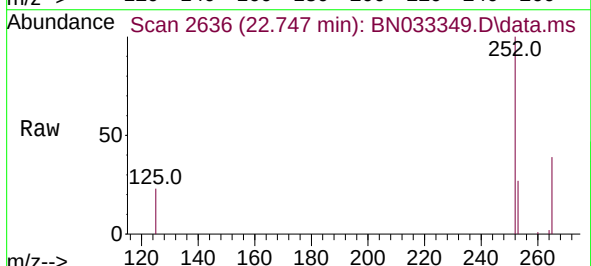
Tgt Ion:252 Resp: 5101

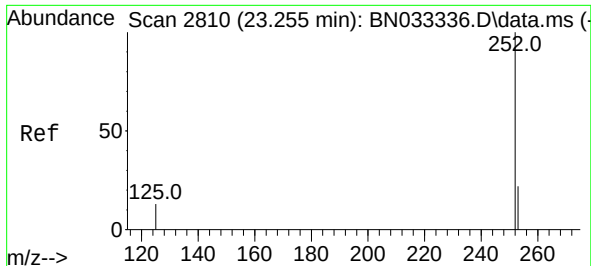
Ion Ratio Lower Upper

252 100

253 26.8 17.9 26.9

125 22.7 11.3 16.9#





#39

Benzo(a)pyrene

Concen: 0.089 ng

RT: 23.255 min Scan# 2810

Delta R.T. -0.000 min

Lab File: BN033349.D

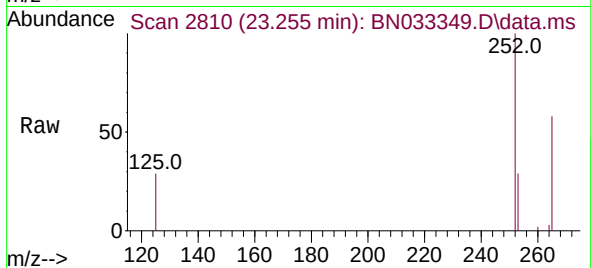
Acq: 12 Aug 2024 13:34

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024



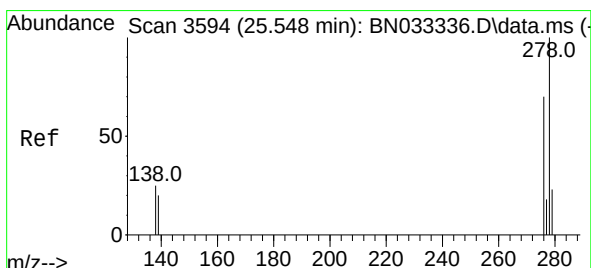
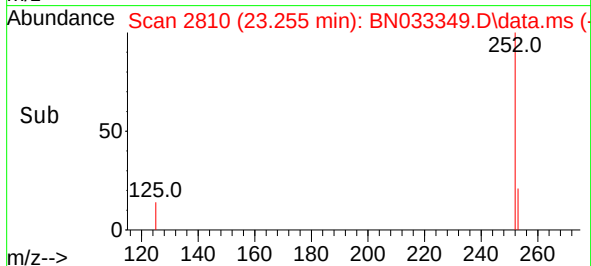
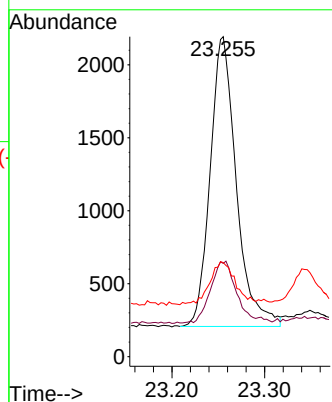
Tgt Ion:252 Resp: 3894

Ion Ratio Lower Upper

252 100

253 29.1 18.6 28.0#

125 29.4 12.6 19.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.081 ng

RT: 25.548 min Scan# 3594

Delta R.T. -0.000 min

Lab File: BN033349.D

Acq: 12 Aug 2024 13:34

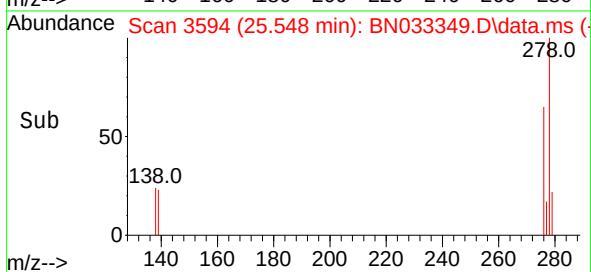
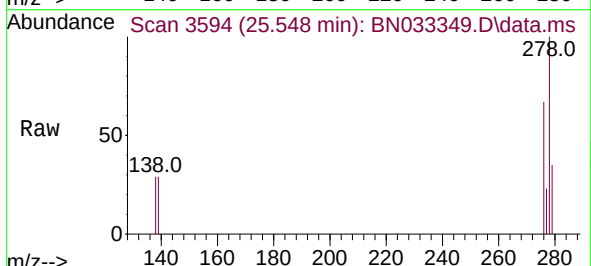
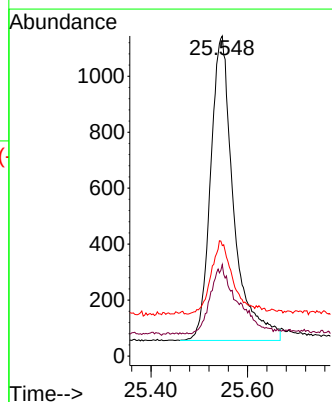
Tgt Ion:278 Resp: 3614

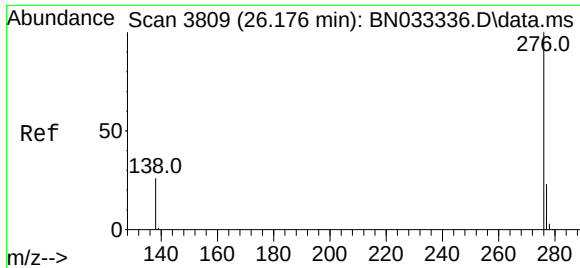
Ion Ratio Lower Upper

278 100

139 28.6 17.0 25.6#

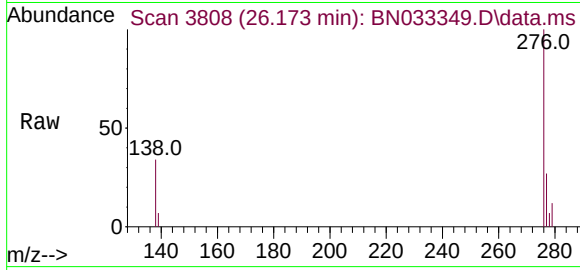
279 34.5 20.0 30.0#





#41
Benzo(g,h,i)perylene
Concen: 0.085 ng
RT: 26.173 min Scan# 3808
Delta R.T. -0.003 min
Lab File: BN033349.D
Acq: 12 Aug 2024 13:34

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:	276	Resp:	4242
Ion Ratio	Lower	Upper	
276	100		
277	27.4	19.4	29.2
138	33.7	21.6	32.4#

