

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
 Data File : BN023105.D
 Acq On : 09 Dec 2022 13:46
 Operator : CG/JU
 Sample : N4955-01
 Misc : LOD-MDL-SOIL 0.1ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Quant Time: Dec 10 03:23:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 10 03:22:51 2022
 Response via : Initial Calibration

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

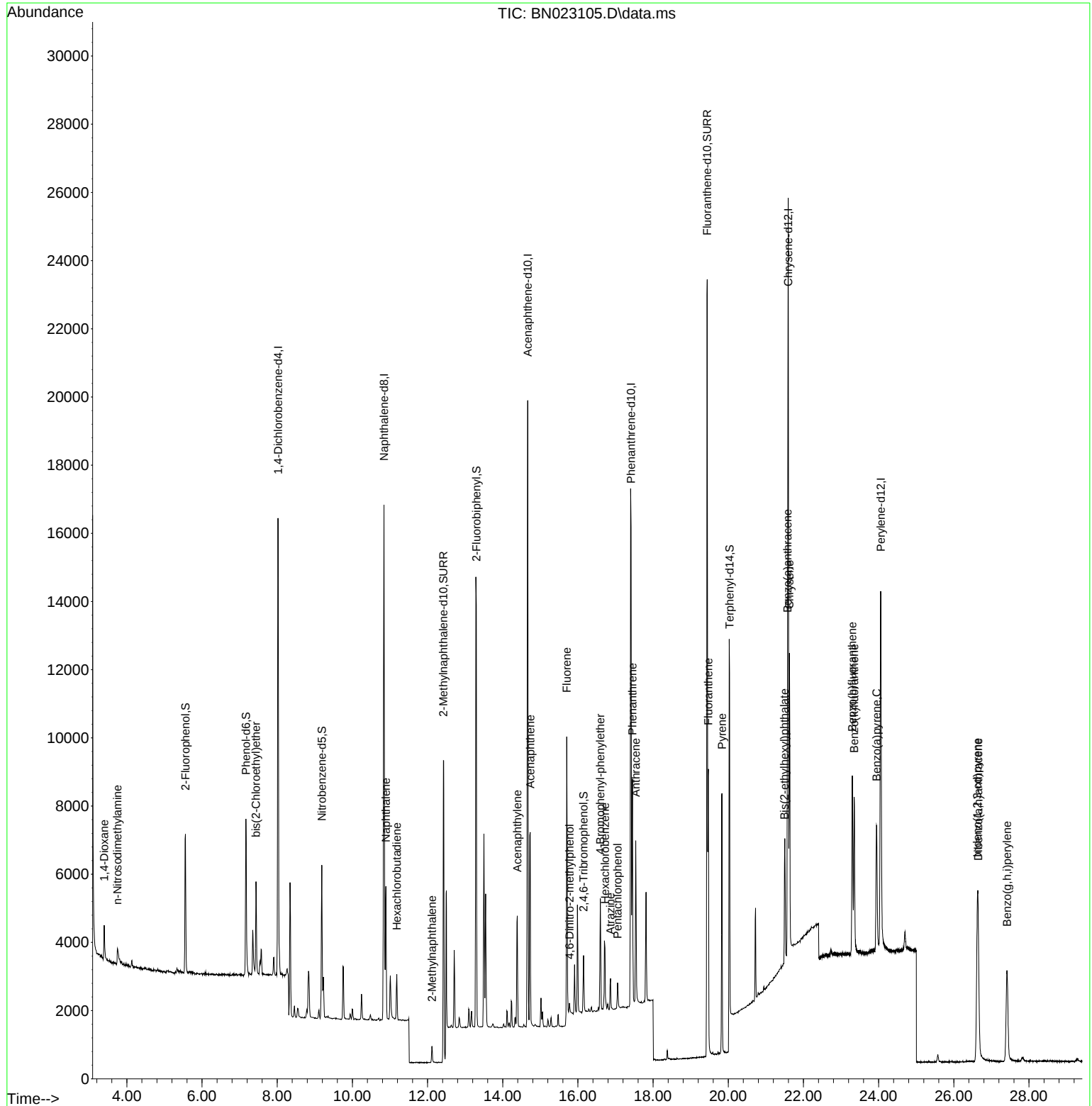
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	6485	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	19094	0.400	ng	0.00
13) Acenaphthene-d10	14.666	164	10066	0.400	ng	0.00
19) Phenanthrene-d10	17.414	188	22387	0.400	ng	0.00
29) Chrysene-d12	21.593	240	18289	0.400	ng	# 0.00
35) Perylene-d12	24.057	264	15781	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.558	112	3545	0.294	ng	0.00
5) Phenol-d6	7.168	99	4301	0.280	ng	0.00
8) Nitrobenzene-d5	9.185	82	3505	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	11789	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	921	0.252	ng	0.00
15) 2-Fluorobiphenyl	13.298	172	12108	0.301	ng	0.00
27) Fluoranthene-d10	19.439	212	24927	0.476	ng	0.00
31) Terphenyl-d14	20.035	244	9133	0.308	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	709	0.111	ng	96
3) n-Nitrosodimethylamine	3.752	42	507	0.081	ng	96
6) bis(2-Chloroethyl)ether	7.435	93	2057	0.118	ng	97
9) Naphthalene	10.893	128	5208	0.107	ng	96
10) Hexachlorobutadiene	11.181	225	1027	0.111	ng	# 100
12) 2-Methylnaphthalene	12.117	142	725	0.100	ng	# 69
16) Acenaphthylene	14.388	152	4004	0.099	ng	100
17) Acenaphthene	14.730	154	2965	0.100	ng	95
18) Fluorene	15.703	166	3291	0.099	ng	100
20) 4,6-Dinitro-2-methylph...	15.776	198	196	0.061	ng	# 18
21) 4-Bromophenyl-phenylether	16.595	248	1215	0.102	ng	98
22) Hexachlorobenzene	16.719	284	1677	0.107	ng	97
23) Atrazine	16.868	200	795	0.094	ng	# 93
24) Pentachlorophenol	17.054	266	411	0.076	ng	98
25) Phenanthrene	17.451	178	6659	0.100	ng	98
26) Anthracene	17.538	178	5206	0.098	ng	99
28) Fluoranthene	19.469	202	7112	0.100	ng	98
30) Pyrene	19.831	202	6839	0.102	ng	100
32) Benzo(a)anthracene	21.575	228	5544	0.094	ng	98
33) Chrysene	21.629	228	7012	0.106	ng	99
34) Bis(2-ethylhexyl)phtha...	21.495	149	2873	0.115	ng	97
36) Indeno(1,2,3-cd)pyrene	26.627	276	7284	0.103	ng	98
37) Benzo(b)fluoranthene	23.300	252	6795	0.104	ng	# 77
38) Benzo(k)fluoranthene	23.350	252	6020	0.091	ng	# 82
39) Benzo(a)pyrene	23.943	252	5918	0.121	ng	# 65
40) Dibenzo(a,h)anthracene	26.648	278	5754	0.101	ng	# 89
41) Benzo(g,h,i)perylene	27.414	276	6087	0.100	ng	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
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Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 0.1ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

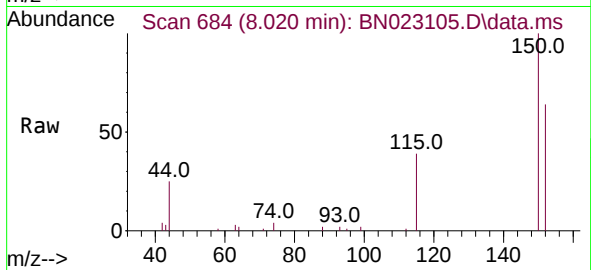
Quant Time: Dec 10 03:23:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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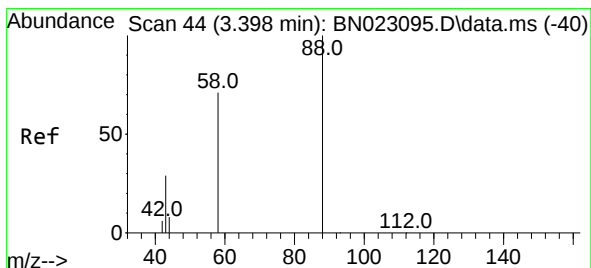
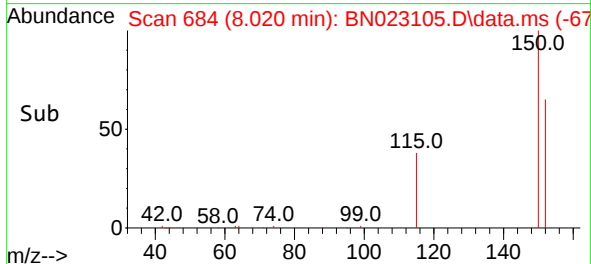
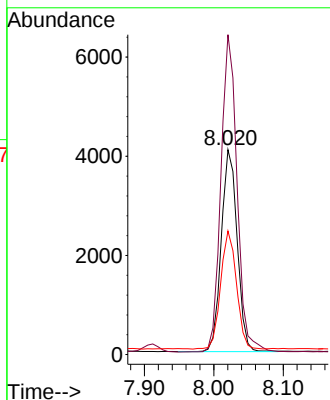
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 684
 Delta R.T. 0.000 min
 Lab File: BN023105.D
 Acq: 09 Dec 2022 13:46

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022



Tgt Ion: 152 Resp: 6485

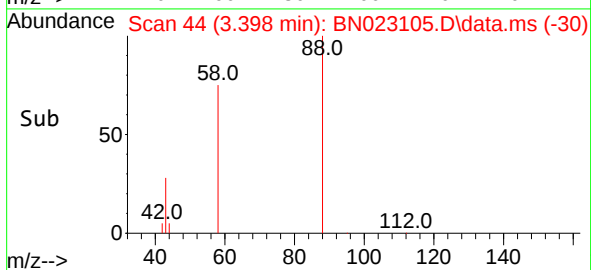
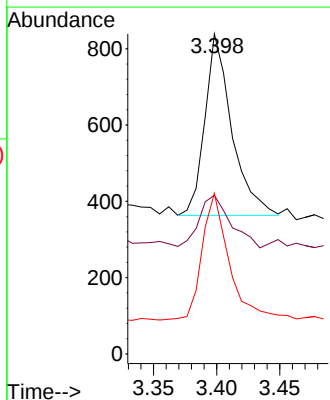
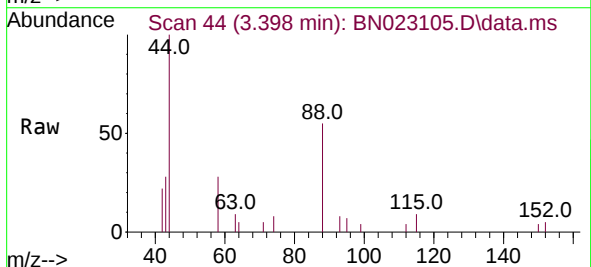
Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.6	188.4
115	60.3	49.0	73.4



#2
 1,4-Dioxane
 Concen: 0.111 ng
 RT: 3.398 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BN023105.D
 Acq: 09 Dec 2022 13:46

Tgt Ion: 88 Resp: 709

Ion	Ratio	Lower	Upper
88	100		
43	33.6	23.3	34.9
58	70.5	58.0	87.0

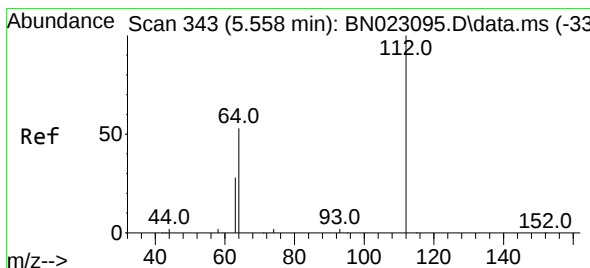
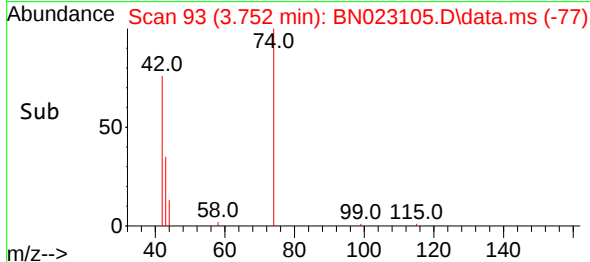
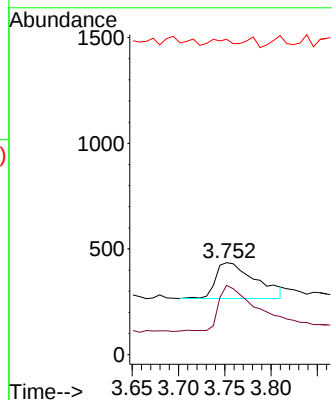
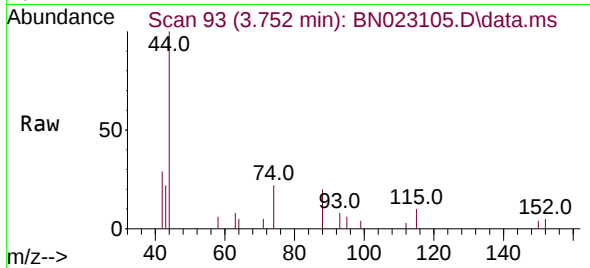




#3
n-Nitrosodimethylamine
Concen: 0.081 ng
RT: 3.752 min Scan# 91
Delta R.T. 0.014 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

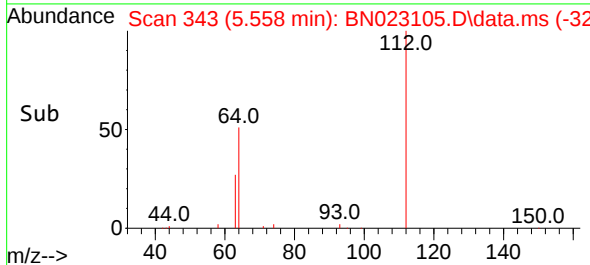
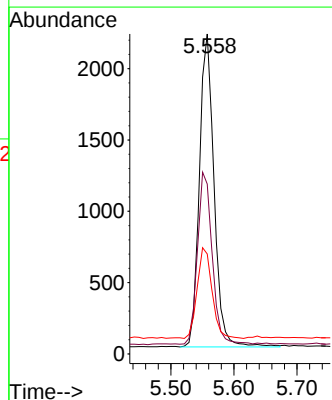
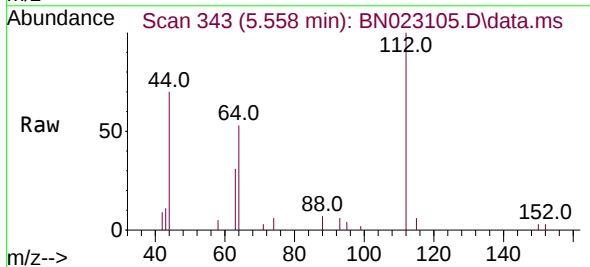
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

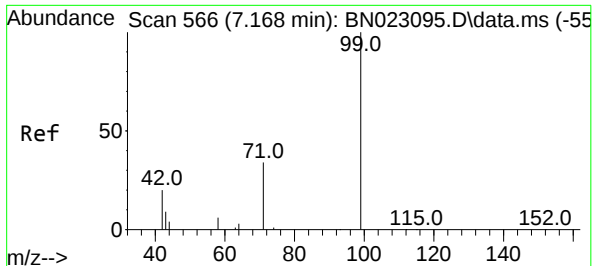
Tgt Ion: 42 Resp: 507
Ion Ratio Lower Upper
42 100
74 115.0 95.8 143.6
44 10.8 8.4 12.6



#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.558 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion: 112 Resp: 3545
Ion Ratio Lower Upper
112 100
64 55.0 44.4 66.6
63 29.3 23.7 35.5

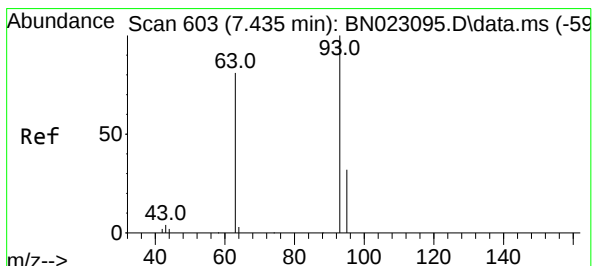
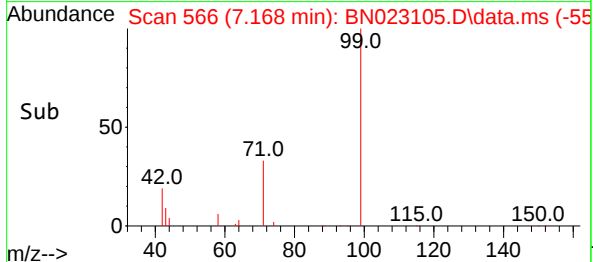
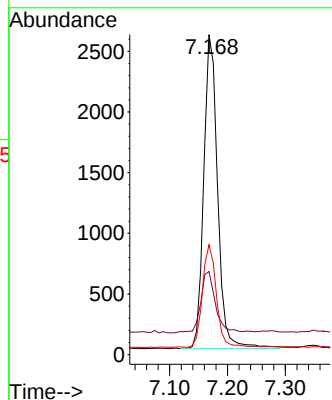
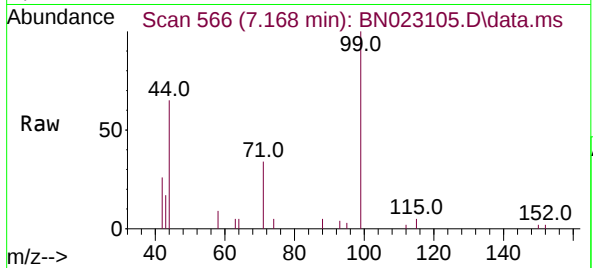




#5
Phenol-d6
Concen: 0.280 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

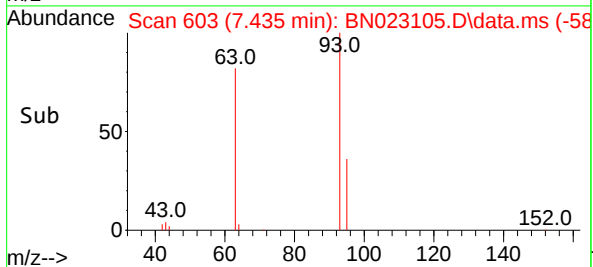
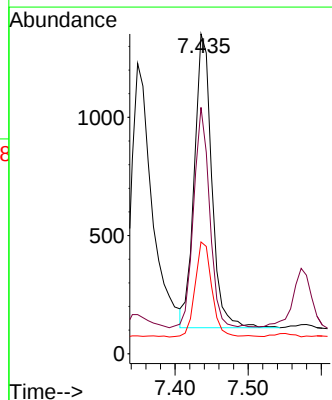
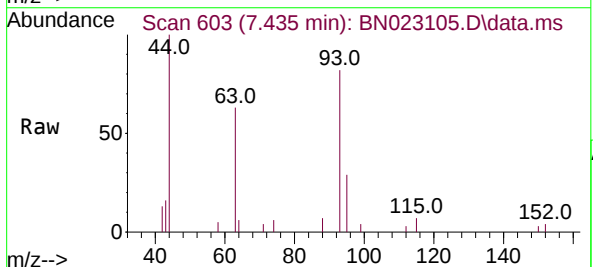
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

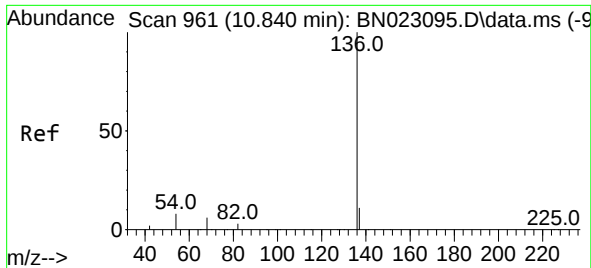
Tgt Ion:	99	Resp:	4301
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.3	24.5
71	32.6	26.5	39.7



#6
bis(2-Chloroethyl)ether
Concen: 0.118 ng
RT: 7.435 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:	93	Resp:	2057
Ion	Ratio	Lower	Upper
93	100		
63	69.5	58.1	87.1
95	31.5	25.2	37.8

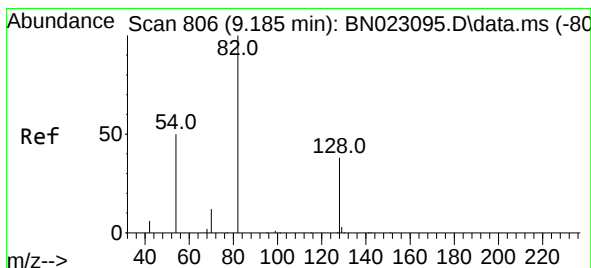
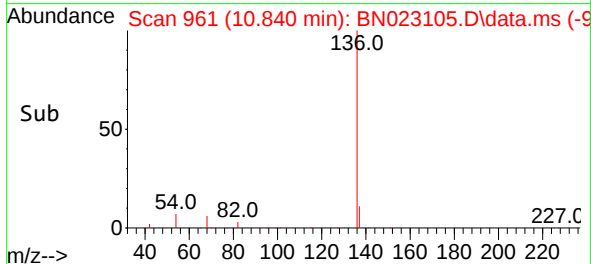
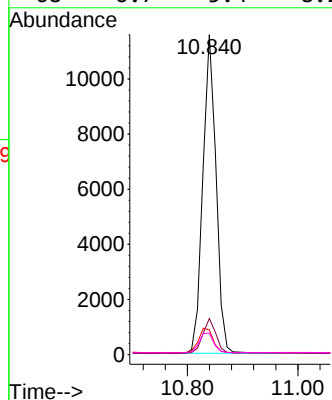
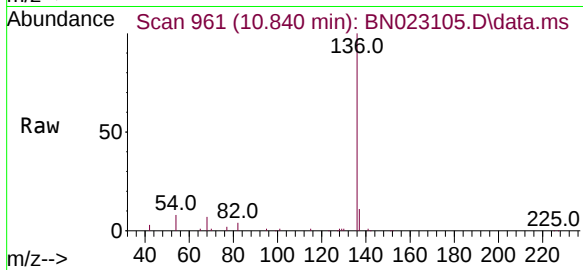




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

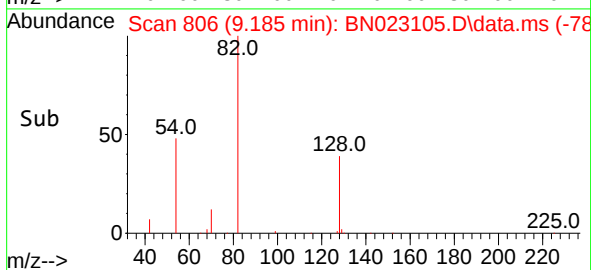
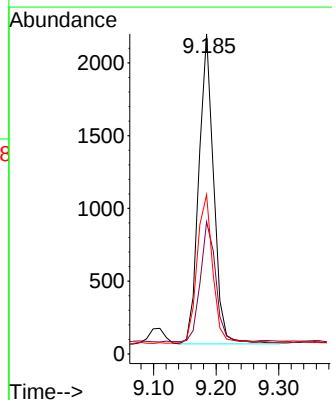
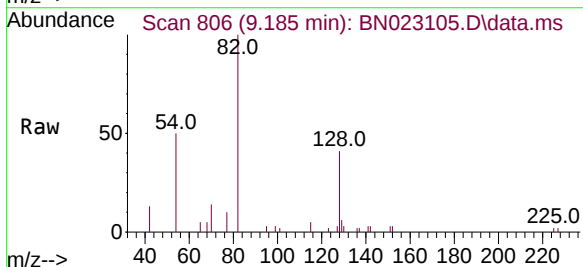
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

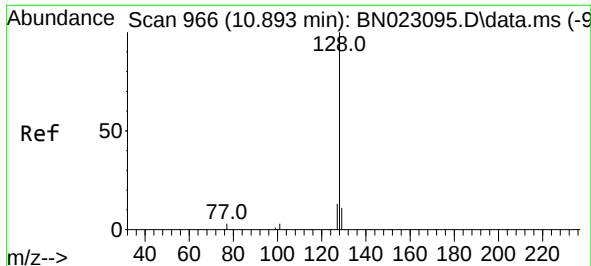
Tgt Ion:	136	Resp:	19094
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.7	6.5	9.7
68	6.7	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:	82	Resp:	3505
Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.4	47.2
54	49.7	41.0	61.4

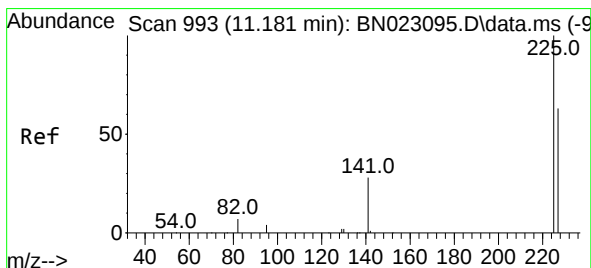
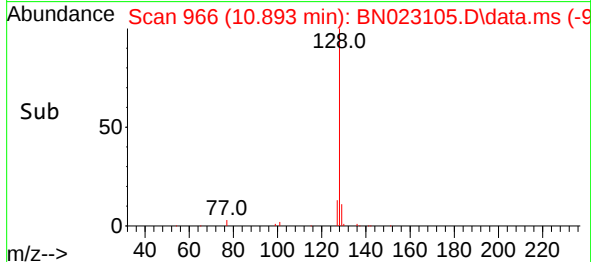
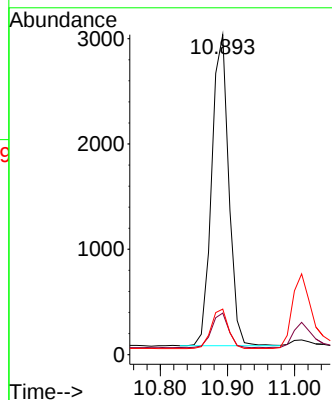
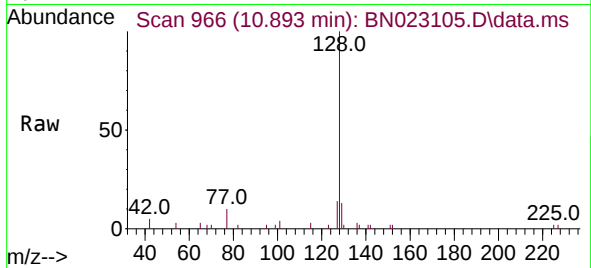




#9
Naphthalene
Concen: 0.107 ng
RT: 10.893 min Scan# 966
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

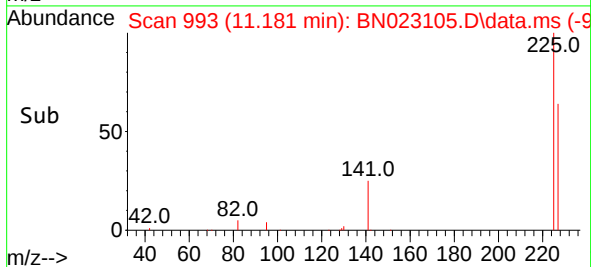
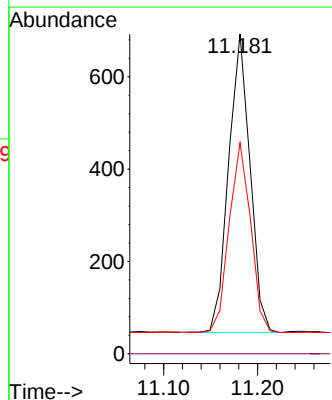
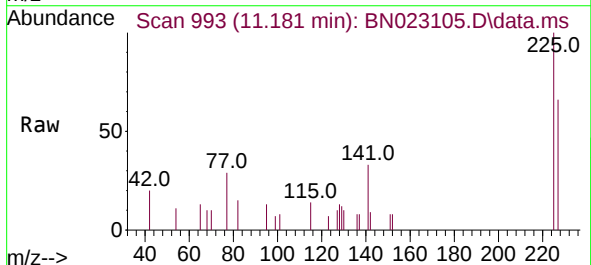
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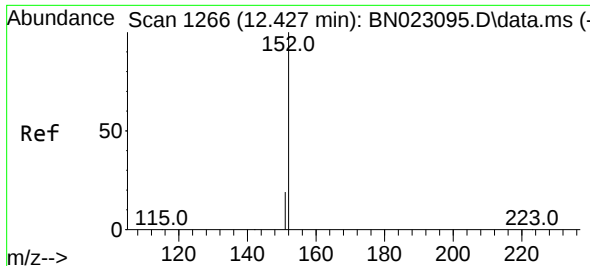
Tgt Ion:	128	Resp:	5208
Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	14.2	10.5	15.7



#10
Hexachlorobutadiene
Concen: 0.111 ng
RT: 11.181 min Scan# 993
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:	225	Resp:	1027
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.1	76.7

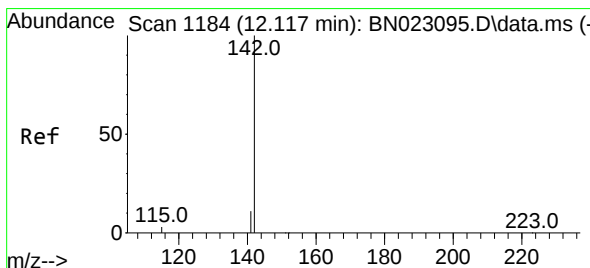
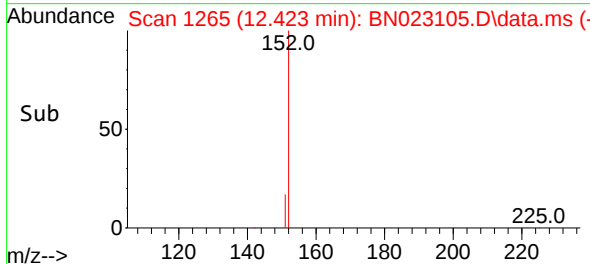
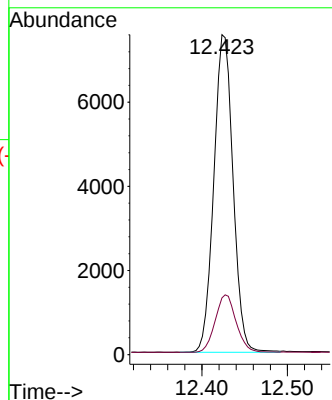
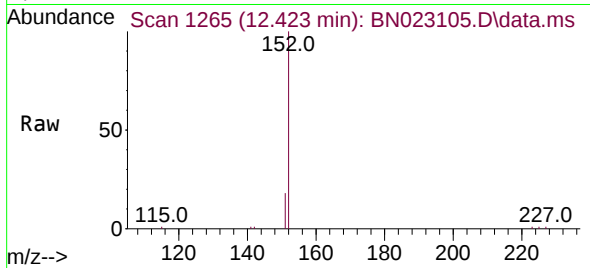




#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.423 min Scan# 11789
Delta R.T. -0.004 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

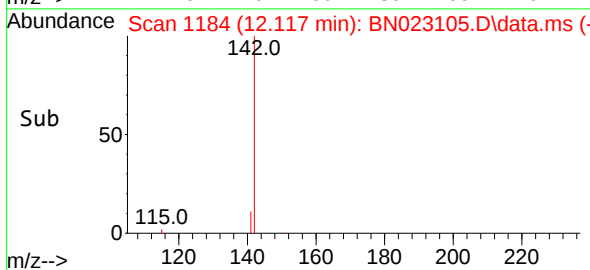
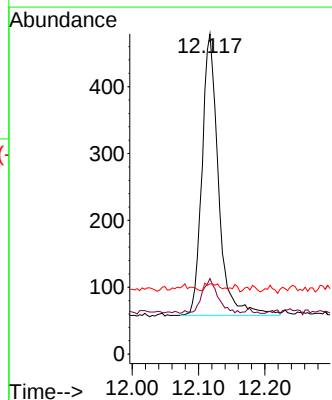
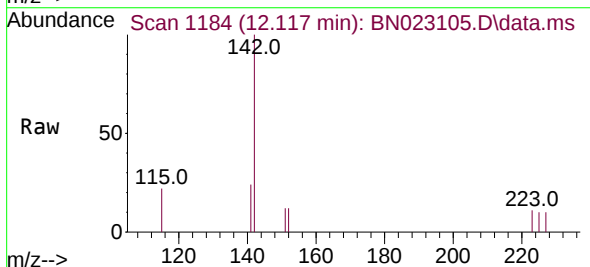
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

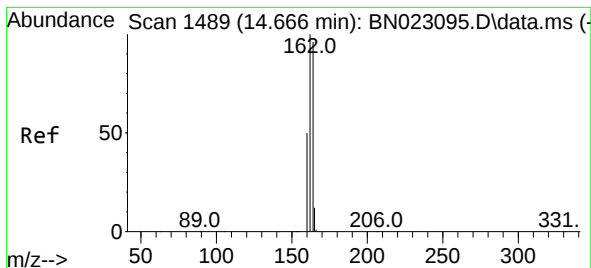
Tgt Ion:152 Resp: 11789
Ion Ratio Lower Upper
152 100
151 19.8 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.100 ng
RT: 12.117 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:142 Resp: 725
Ion Ratio Lower Upper
142 100
141 23.6 10.9 16.3#
115 21.9 5.7 8.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.666 min Scan# 1489

Delta R.T. -0.000 min

Lab File: BN023105.D

Acq: 09 Dec 2022 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

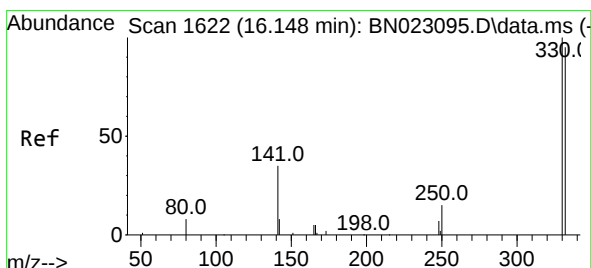
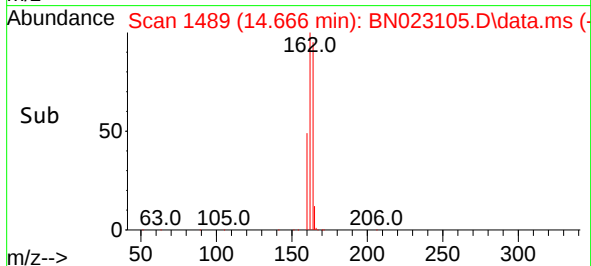
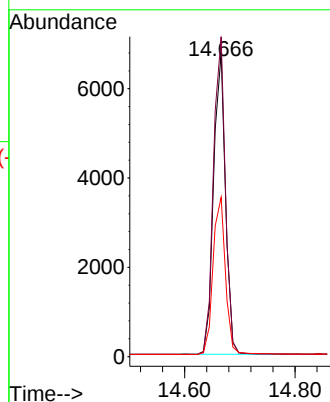
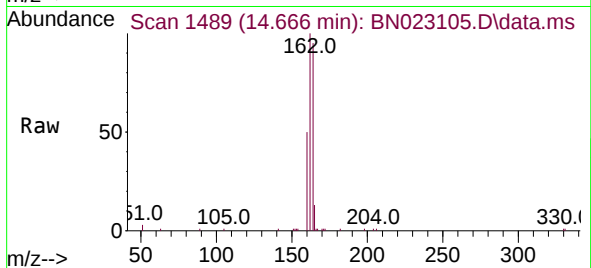
Tgt Ion:164 Resp: 10066

Ion Ratio Lower Upper

164 100

162 105.6 83.4 125.0

160 52.5 41.8 62.8



#14

2,4,6-Tribromophenol

Concen: 0.252 ng

RT: 16.148 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BN023105.D

Acq: 09 Dec 2022 13:46

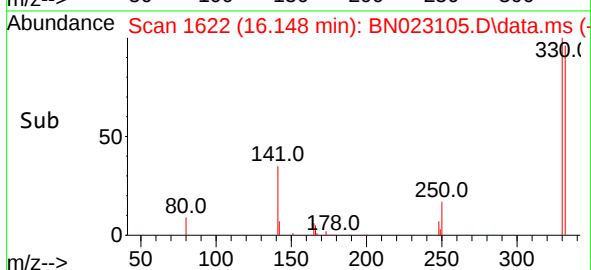
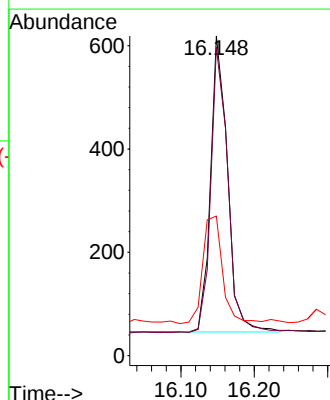
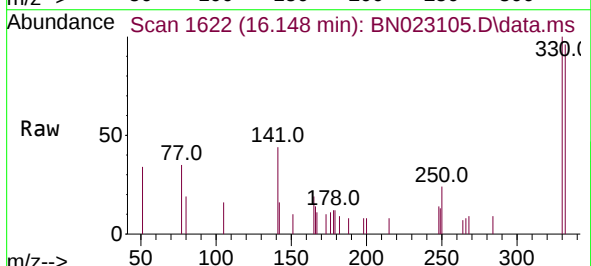
Tgt Ion:330 Resp: 921

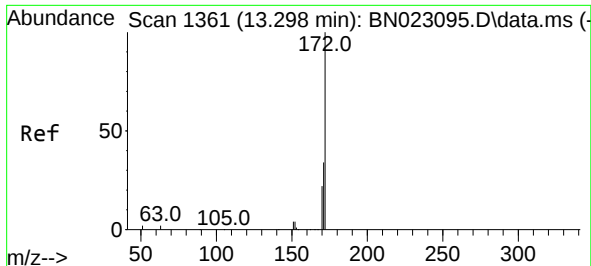
Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 42.6 33.5 50.3

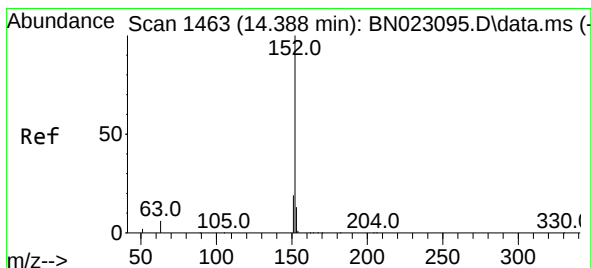
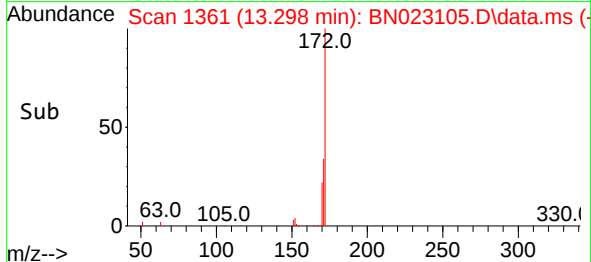
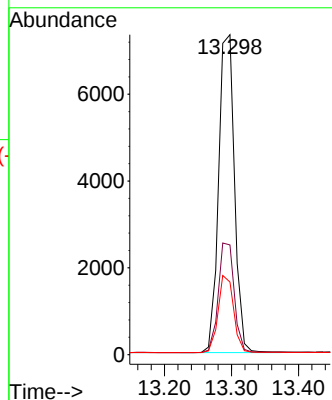
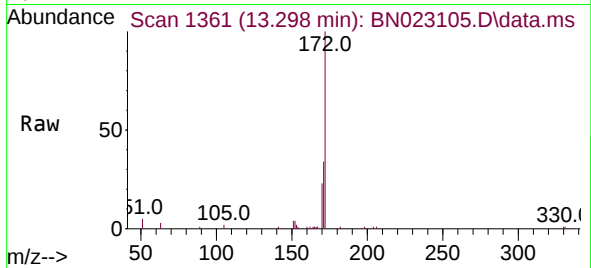




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.298 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

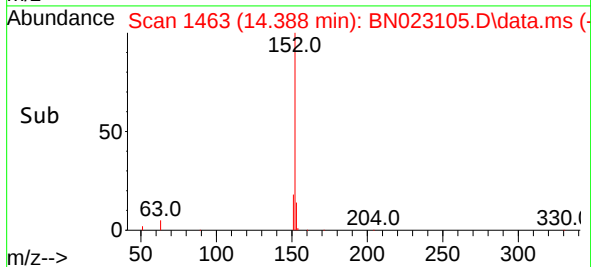
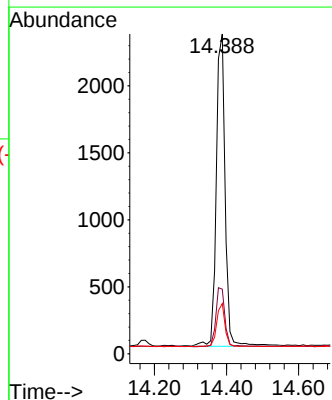
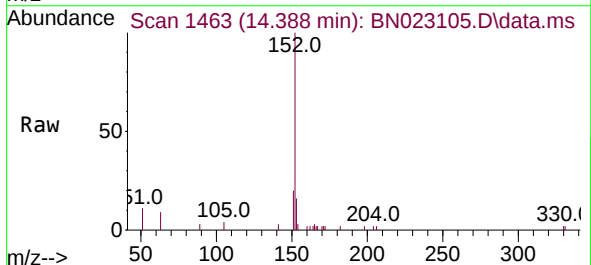
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

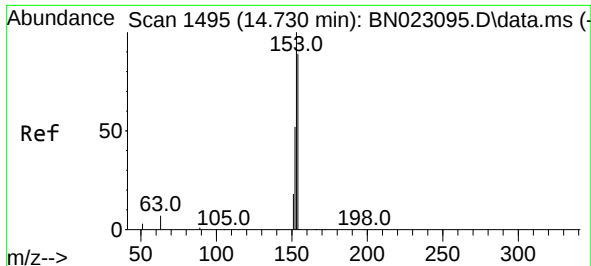
Tgt Ion:172 Resp: 12108
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 22.7 17.9 26.9



#16
Acenaphthylene
Concen: 0.099 ng
RT: 14.388 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:152 Resp: 4004
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 12.7 10.3 15.5

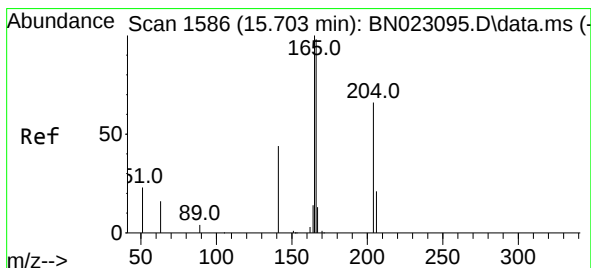
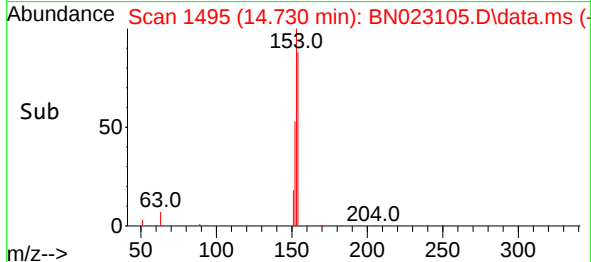
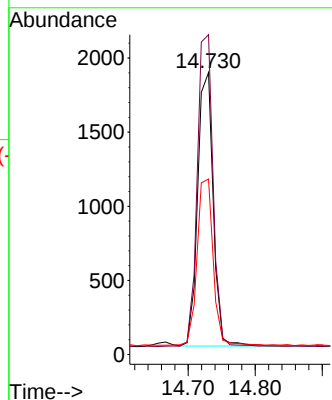
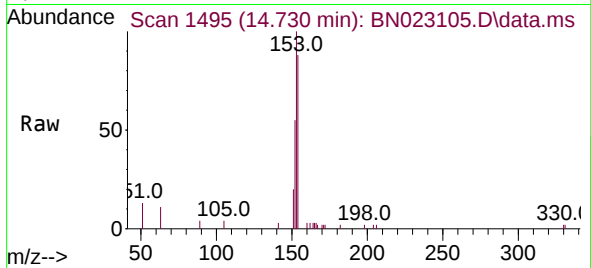




#17
Acenaphthene
Concen: 0.100 ng
RT: 14.730 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

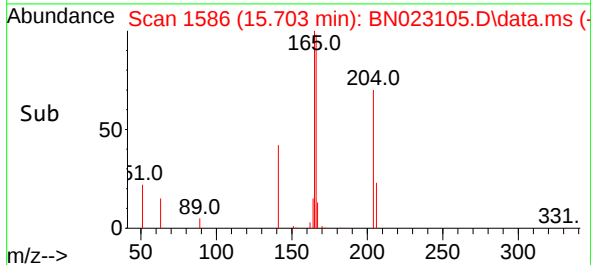
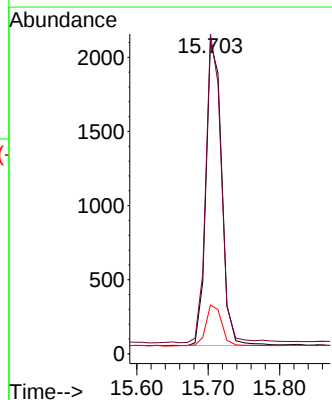
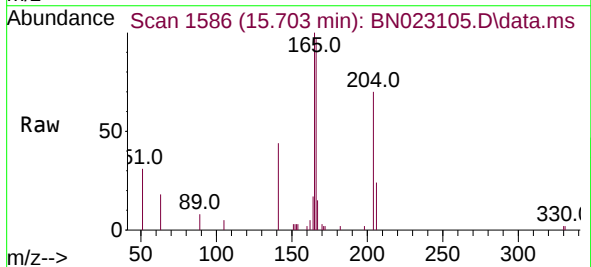
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

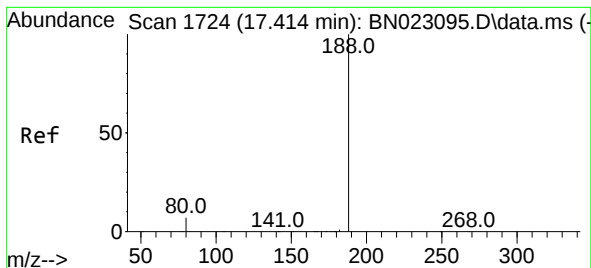
Tgt Ion:154 Resp: 2965
Ion Ratio Lower Upper
154 100
153 116.4 88.6 132.8
152 62.4 48.1 72.1



#18
Fluorene
Concen: 0.099 ng
RT: 15.703 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:166 Resp: 3291
Ion Ratio Lower Upper
166 100
165 100.0 79.8 119.6
167 13.8 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.414 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BN023105.D

Acq: 09 Dec 2022 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

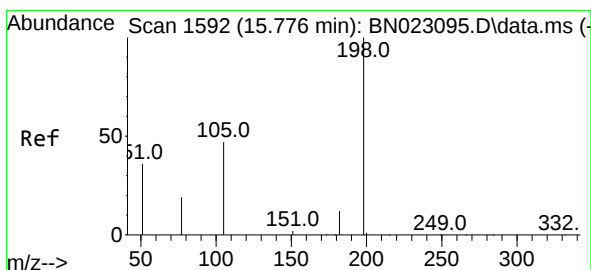
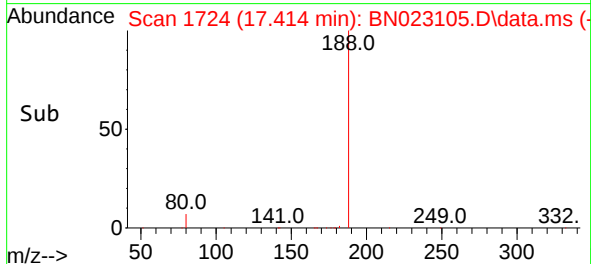
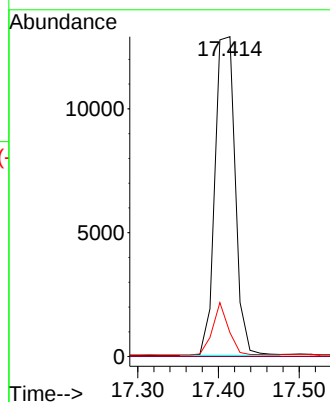
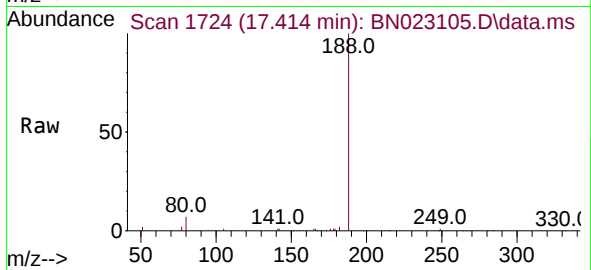
Tgt Ion:188 Resp: 22387

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.5 6.1 9.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.061 ng

RT: 15.776 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BN023105.D

Acq: 09 Dec 2022 13:46

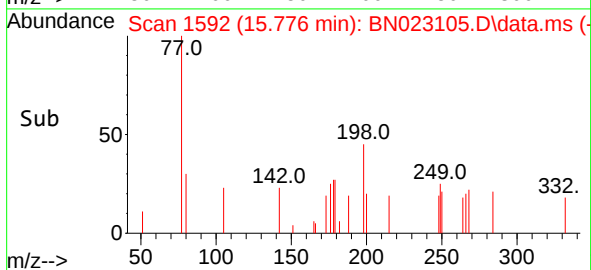
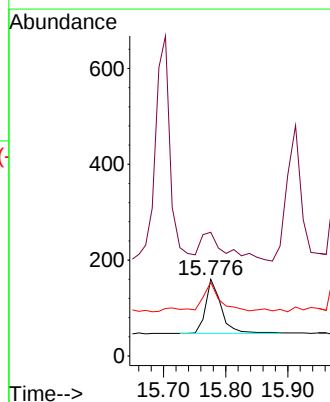
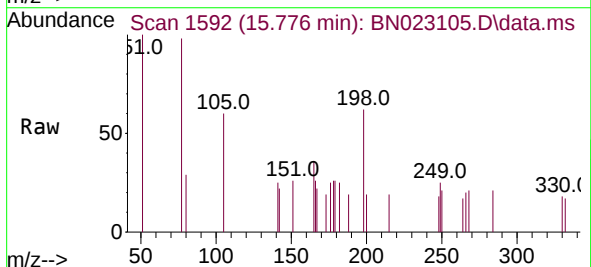
Tgt Ion:198 Resp: 196

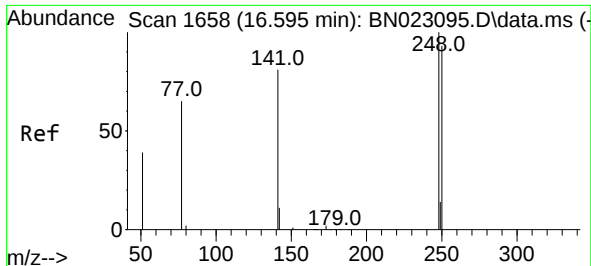
Ion Ratio Lower Upper

198 100

51 161.3 57.0 85.4#

105 96.3 47.2 70.8#

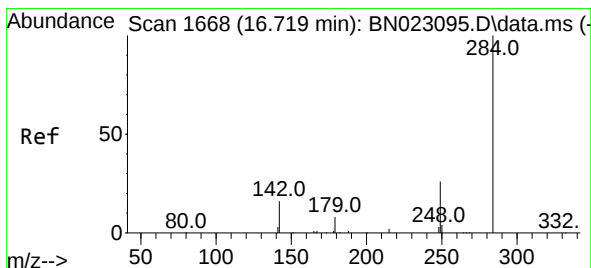
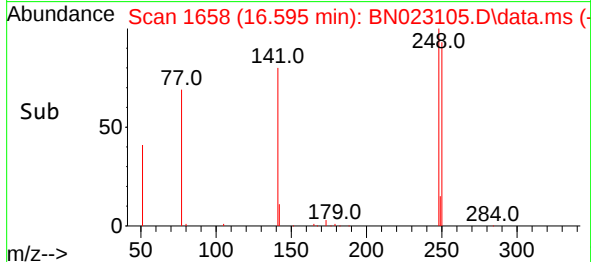
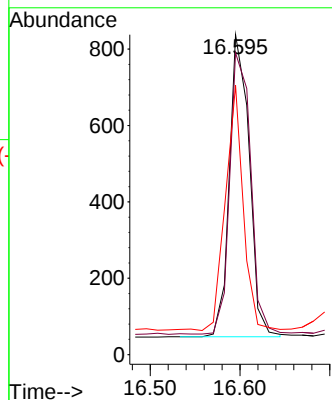
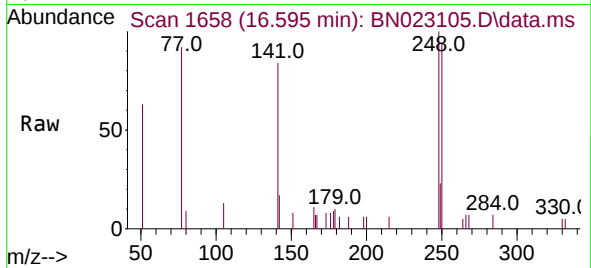




#21
4-Bromophenyl-phenylether
Concen: 0.102 ng
RT: 16.595 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

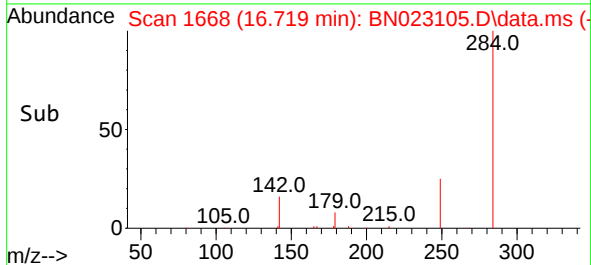
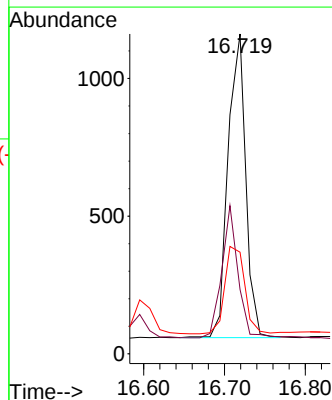
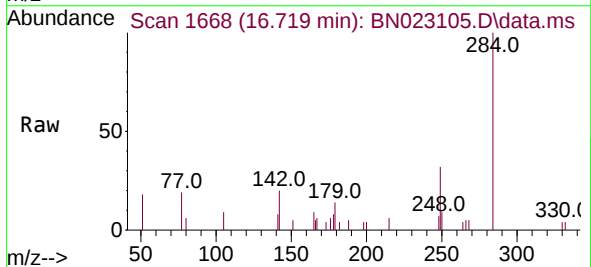
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

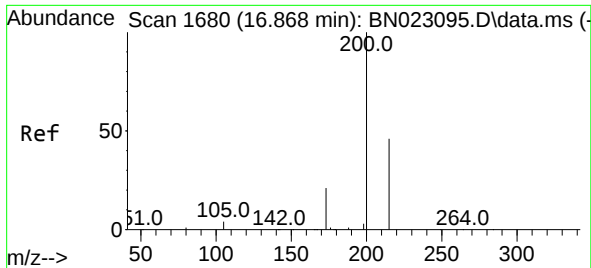
Tgt Ion:	248	Resp:	1215
Ion Ratio	Lower	Upper	
248	100		
250	94.3	74.3	111.5
141	84.1	65.0	97.6



#22
Hexachlorobenzene
Concen: 0.107 ng
RT: 16.719 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:	284	Resp:	1677
Ion Ratio	Lower	Upper	
284	100		
142	39.8	31.0	46.4
249	32.3	24.4	36.6

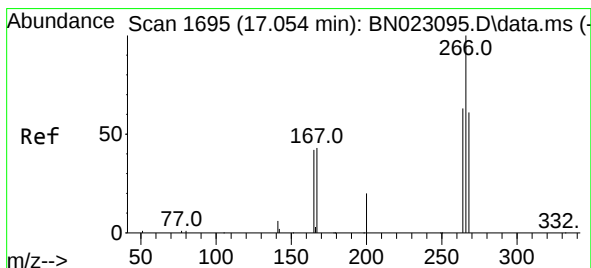
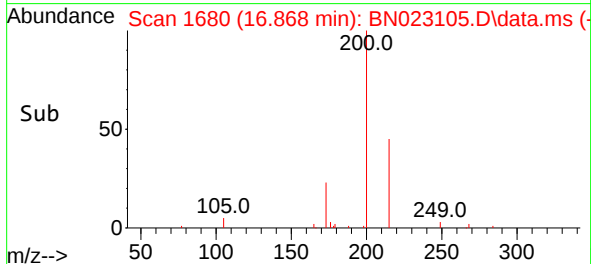
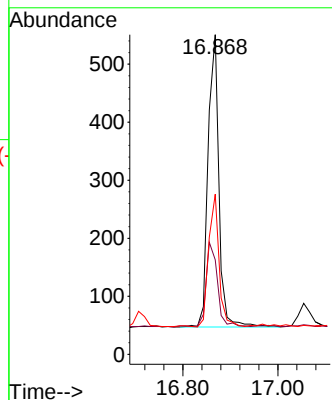
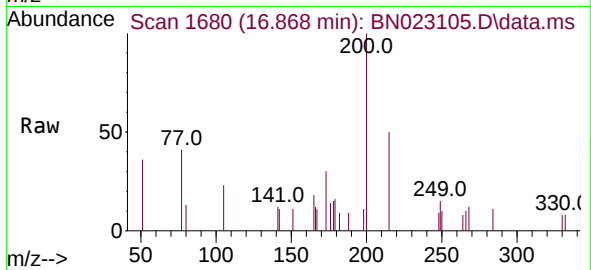




#23
Atrazine
Concen: 0.094 ng
RT: 16.868 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

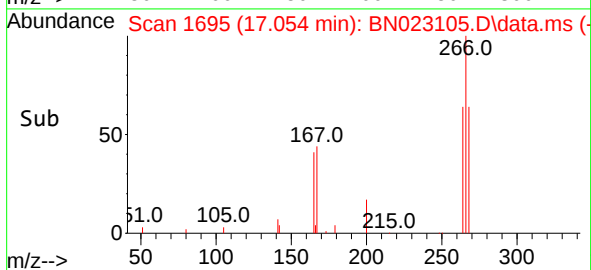
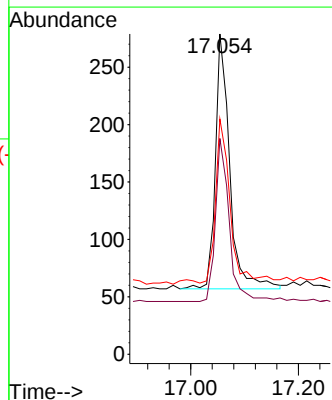
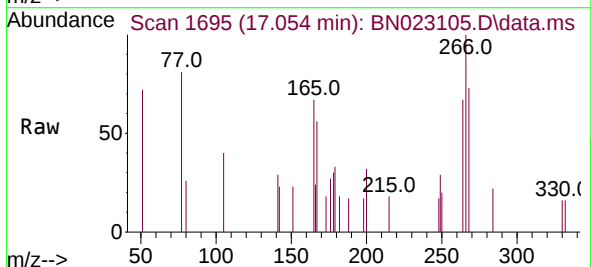
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

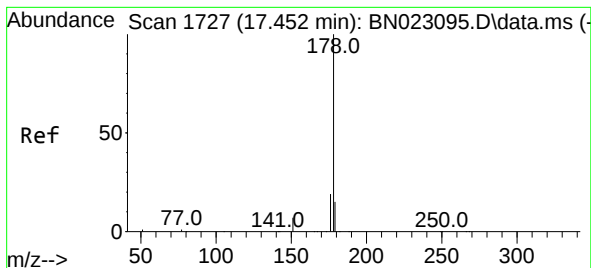
Tgt Ion:200 Resp: 795
Ion Ratio Lower Upper
200 100
173 29.6 18.2 27.4#
215 50.1 38.0 57.0



#24
Pentachlorophenol
Concen: 0.076 ng
RT: 17.054 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:266 Resp: 411
Ion Ratio Lower Upper
266 100
264 62.5 50.1 75.1
268 65.5 49.7 74.5





#25

Phenanthrene

Concen: 0.100 ng

RT: 17.451 min Scan# 1727

Delta R.T. -0.000 min

Lab File: BN023105.D

Acq: 09 Dec 2022 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

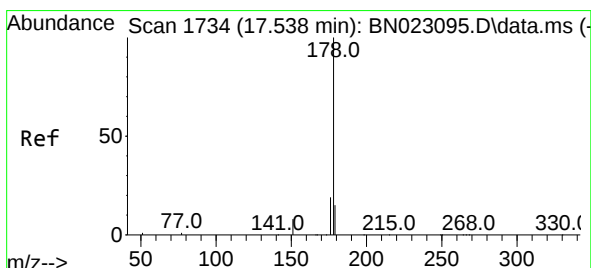
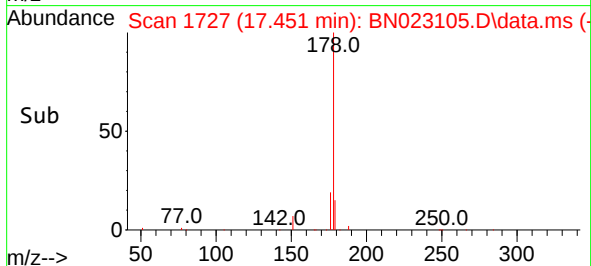
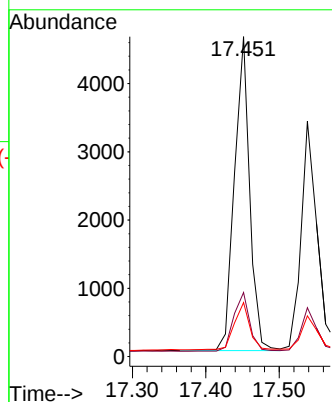
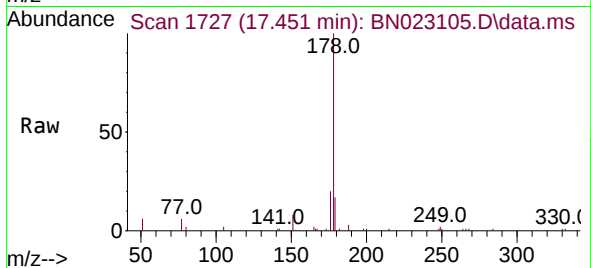
Tgt Ion:178 Resp: 6659

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 16.7 12.2 18.2



#26

Anthracene

Concen: 0.098 ng

RT: 17.538 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BN023105.D

Acq: 09 Dec 2022 13:46

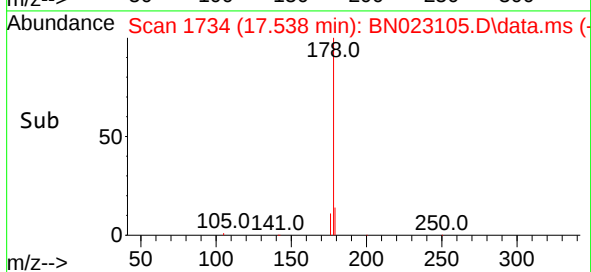
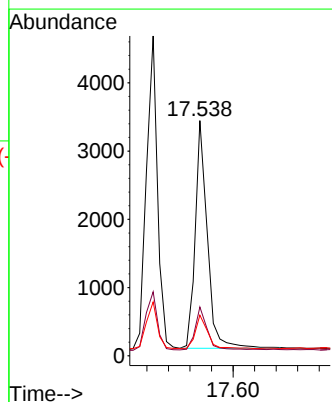
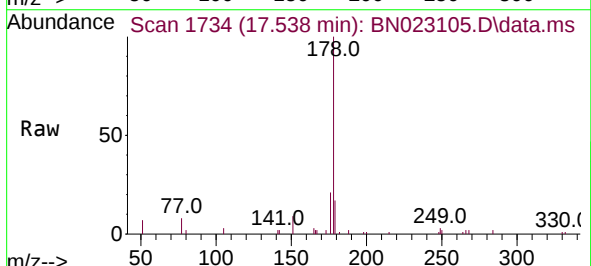
Tgt Ion:178 Resp: 5206

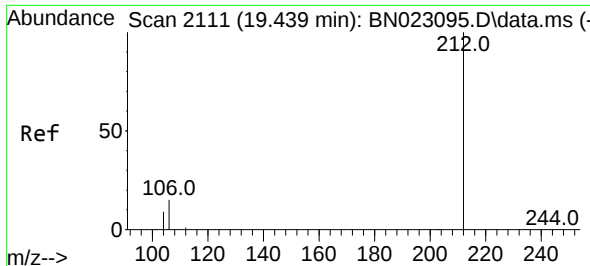
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 14.7 12.2 18.4

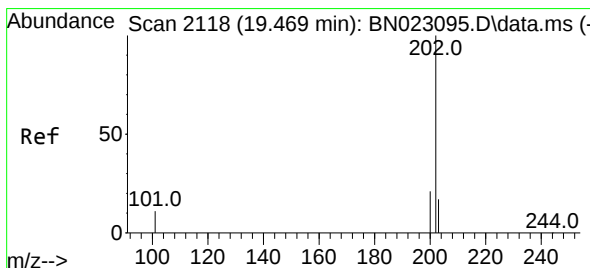
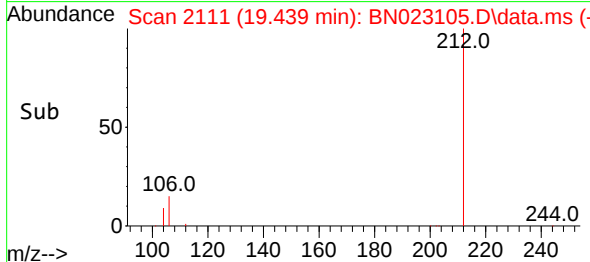
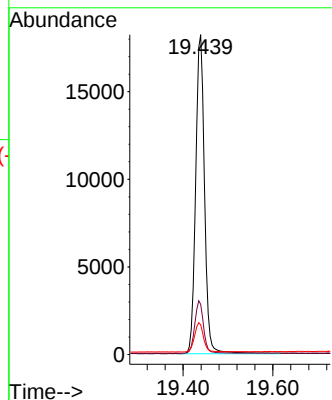
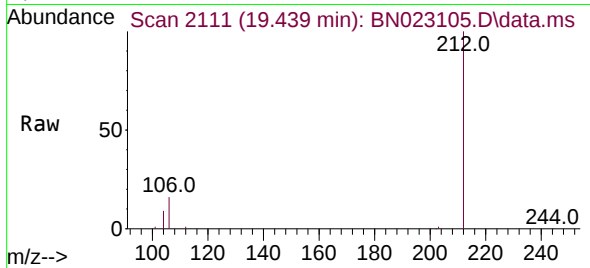




#27
Fluoranthene-d10
Concen: 0.476 ng
RT: 19.439 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

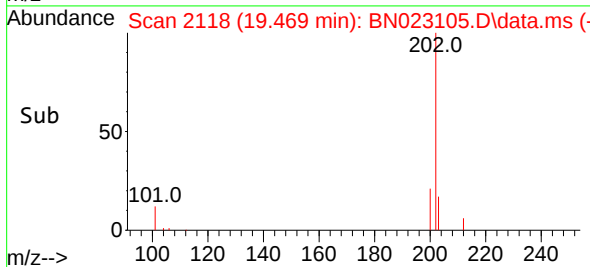
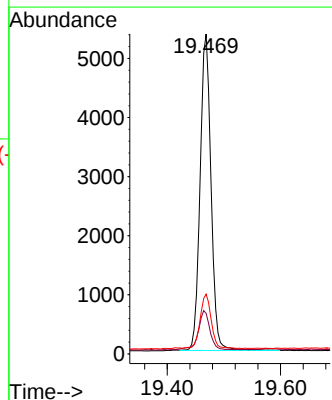
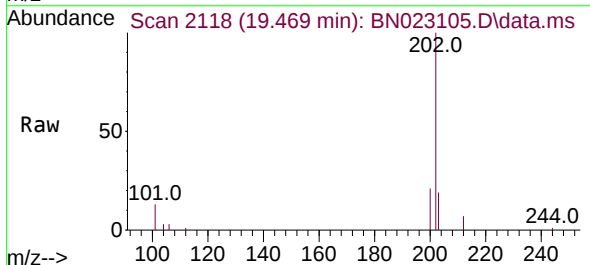
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

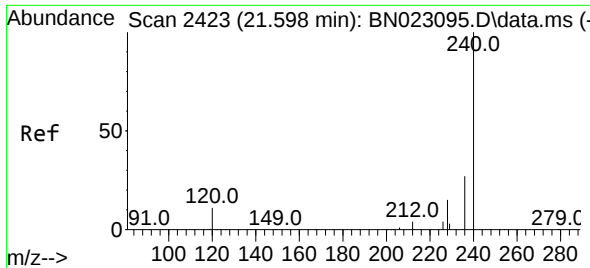
Tgt Ion:212 Resp: 24927
Ion Ratio Lower Upper
212 100
106 16.3 13.0 19.4
104 9.2 7.5 11.3



#28
Fluoranthene
Concen: 0.100 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:202 Resp: 7112
Ion Ratio Lower Upper
202 100
101 13.3 9.7 14.5
203 17.5 13.8 20.6

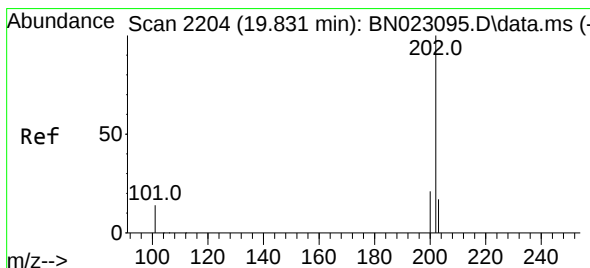
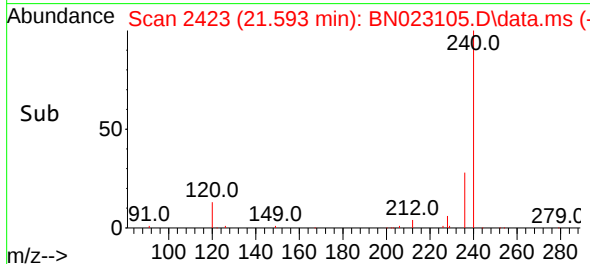
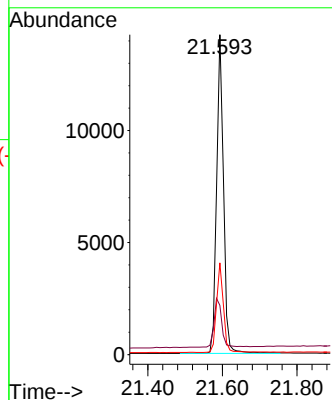
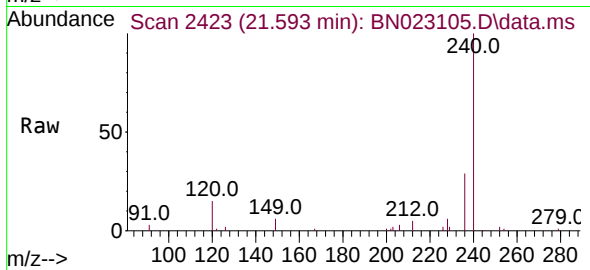




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.593 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

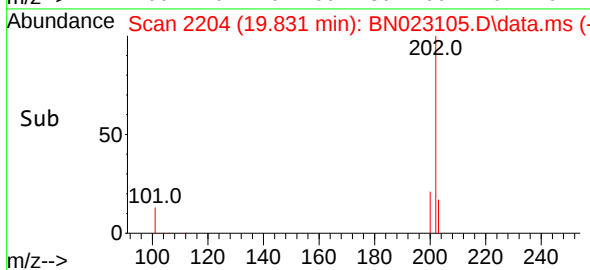
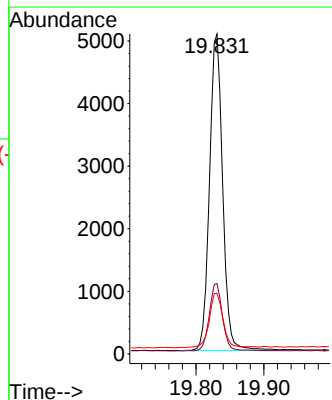
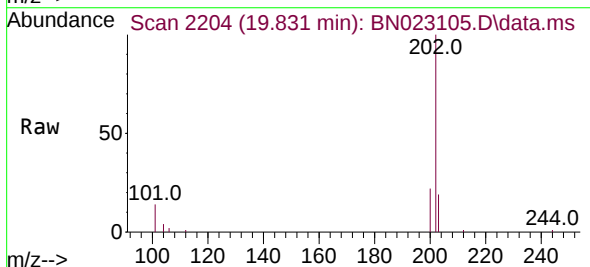
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

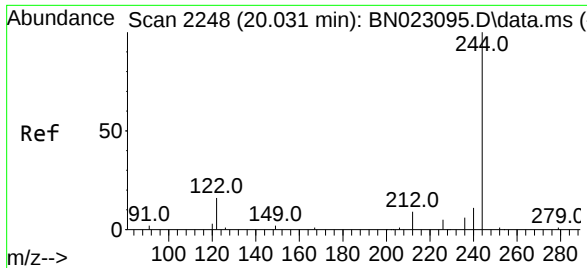
Tgt Ion:240 Resp: 18289
Ion Ratio Lower Upper
240 100
120 15.4 10.1 15.1#
236 28.7 22.2 33.4



#30
Pyrene
Concen: 0.102 ng
RT: 19.831 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:202 Resp: 6839
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.0 14.2 21.4

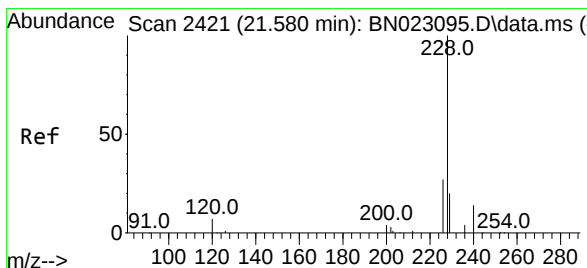
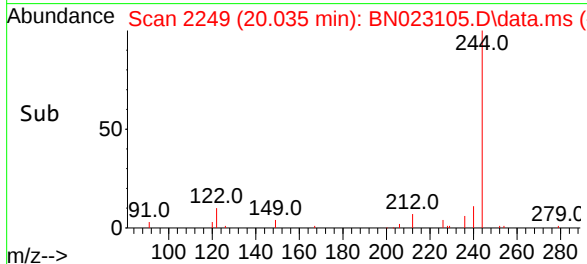
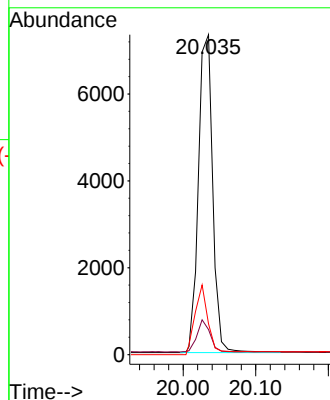
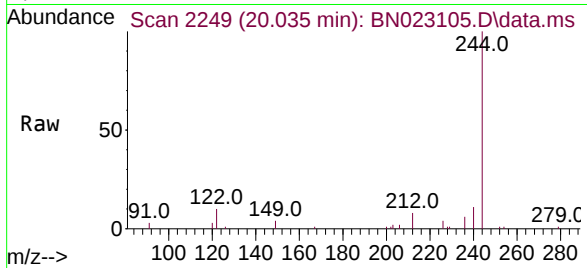




#31
 Terphenyl-d14
 Concen: 0.308 ng
 RT: 20.035 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN023105.D
 Acq: 09 Dec 2022 13:46

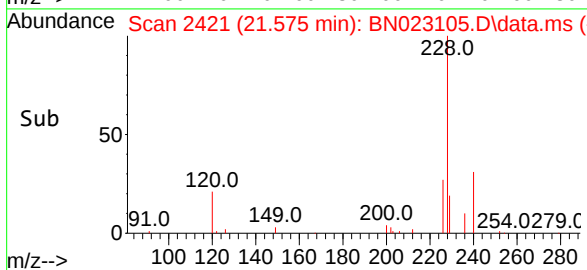
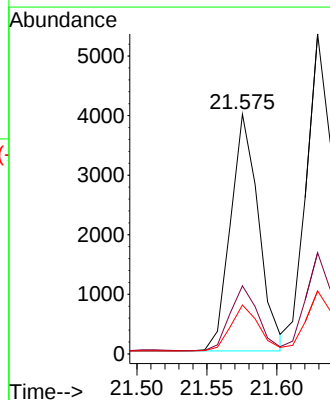
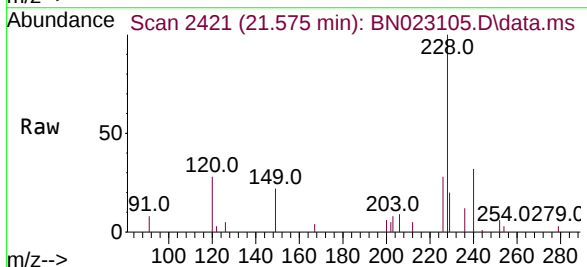
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

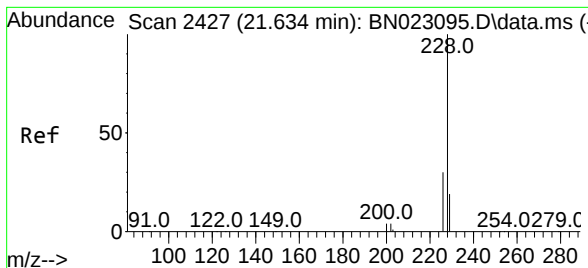
Tgt Ion:244 Resp: 9133
 Ion Ratio Lower Upper
 244 100
 212 7.8 7.6 11.4
 122 9.6 12.6 18.8#



#32
 Benzo(a)anthracene
 Concen: 0.094 ng
 RT: 21.575 min Scan# 2421
 Delta R.T. -0.005 min
 Lab File: BN023105.D
 Acq: 09 Dec 2022 13:46

Tgt Ion:228 Resp: 5544
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.0 33.0
 229 20.4 15.8 23.8





#33

Chrysene

Concen: 0.106 ng

RT: 21.629 min Scan# 2427

Delta R.T. -0.005 min

Lab File: BN023105.D

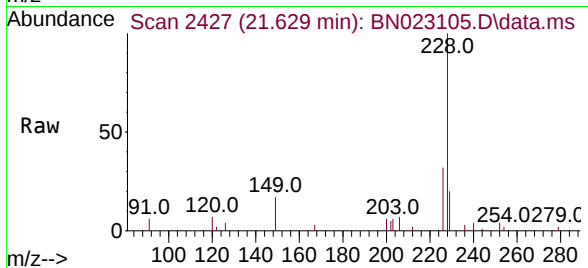
Acq: 09 Dec 2022 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022



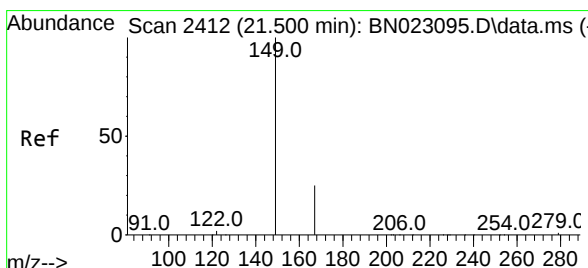
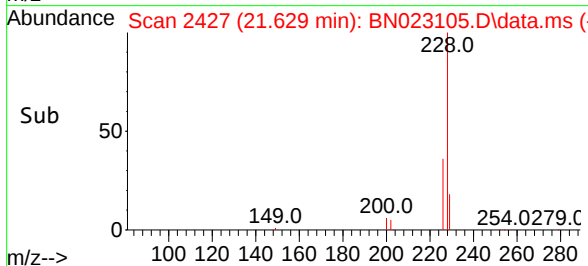
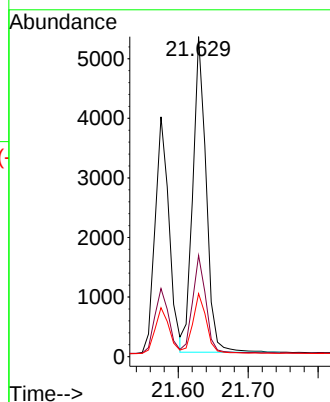
Tgt Ion:228 Resp: 7012

Ion Ratio Lower Upper

228 100

226 31.6 24.4 36.6

229 19.7 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.115 ng

RT: 21.495 min Scan# 2412

Delta R.T. -0.005 min

Lab File: BN023105.D

Acq: 09 Dec 2022 13:46

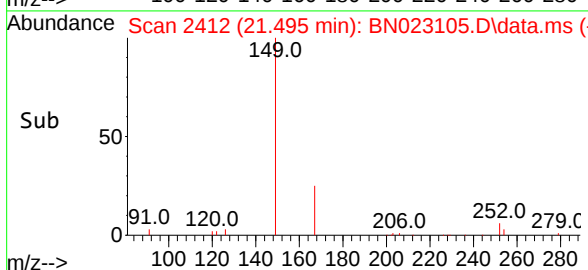
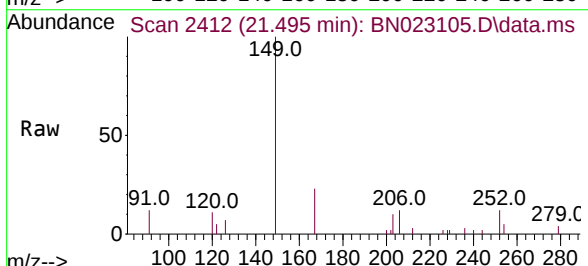
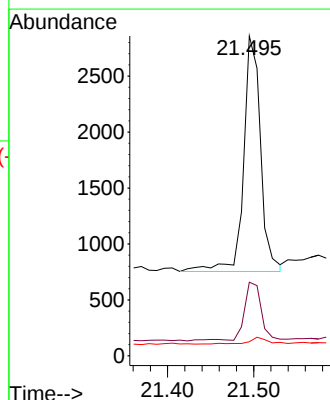
Tgt Ion:149 Resp: 2873

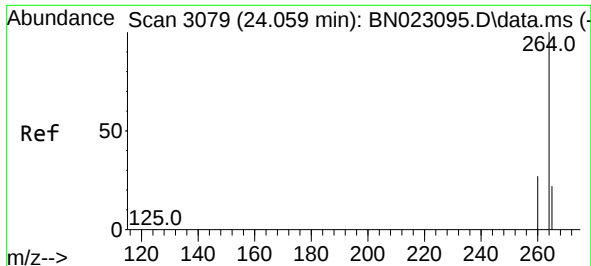
Ion Ratio Lower Upper

149 100

167 23.7 20.2 30.2

279 3.3 2.3 3.5

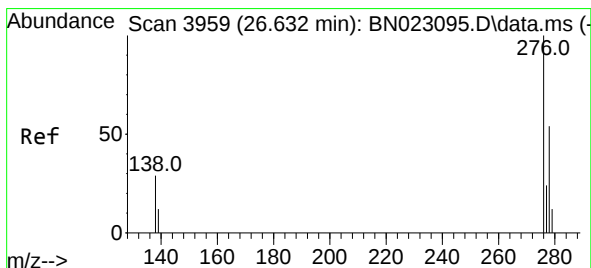
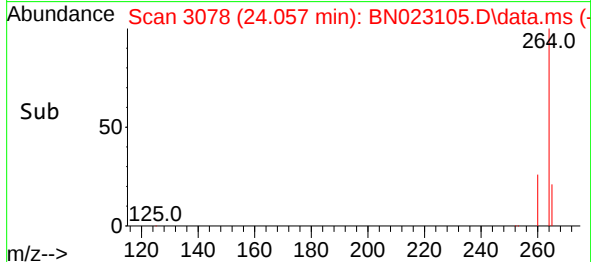
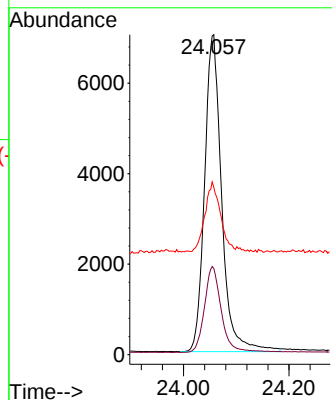
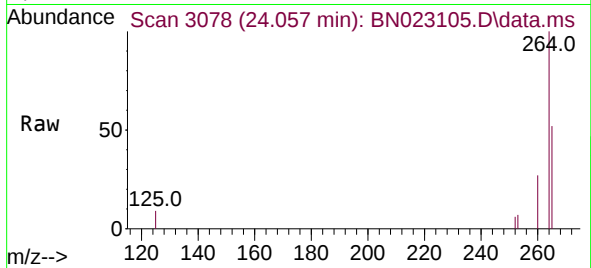




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.057 min Scan# 3078
Delta R.T. -0.002 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

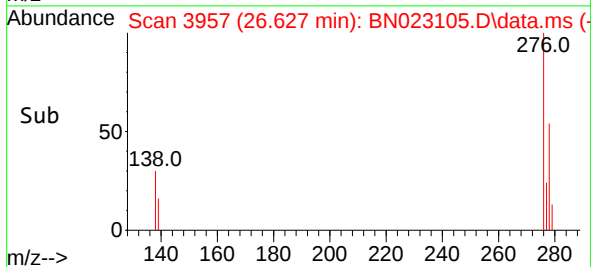
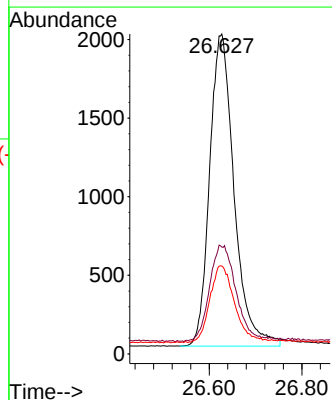
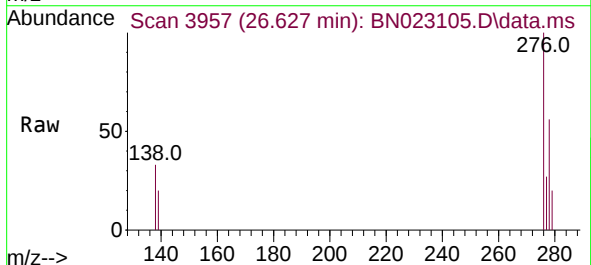
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

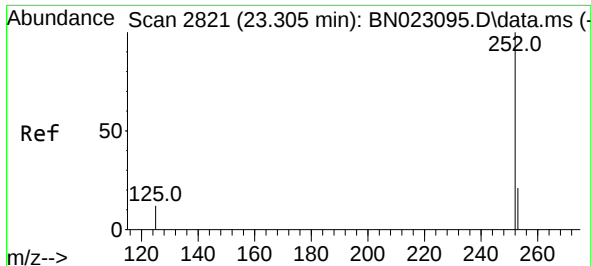
Tgt Ion:	264	Resp:	15781
Ion Ratio	Lower	Upper	
264	100		
260	26.9	21.7	32.5
265	52.3	43.2	64.8



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng
RT: 26.627 min Scan# 3957
Delta R.T. -0.005 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:	276	Resp:	7284
Ion Ratio	Lower	Upper	
276	100		
138	33.0	25.0	37.6
277	24.9	19.8	29.8





#37

Benzo(b)fluoranthene

Concen: 0.104 ng

RT: 23.300 min Scan# 2819

Delta R.T. -0.005 min

Lab File: BN023105.D

Acq: 09 Dec 2022 13:46

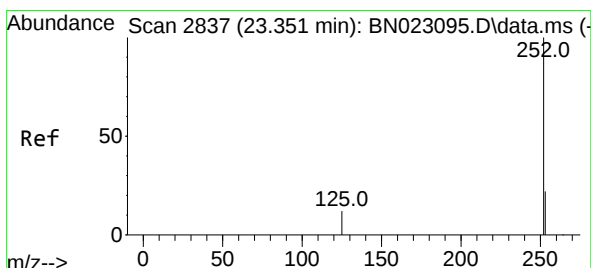
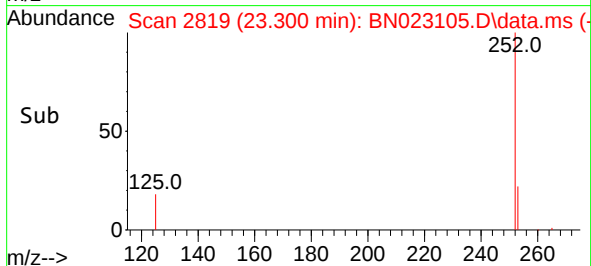
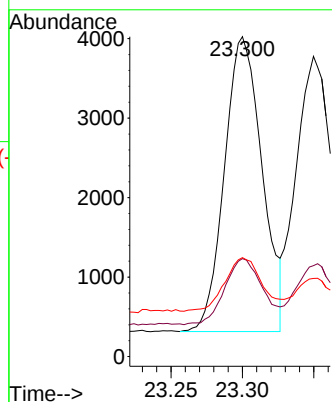
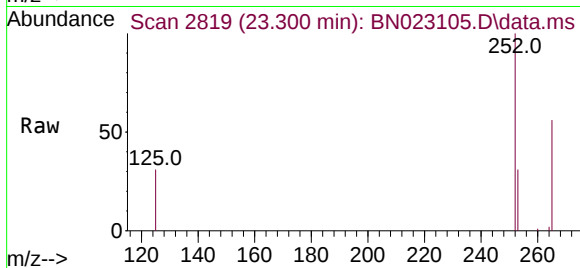
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:252	Resp:	6795
Ion Ratio	Lower	Upper
252	100	
253	30.6	19.0 28.4#
125	30.9	12.8 19.2#



#38

Benzo(k)fluoranthene

Concen: 0.091 ng

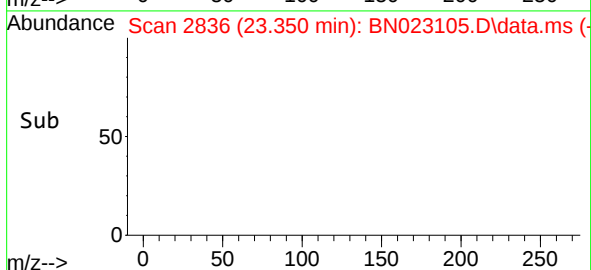
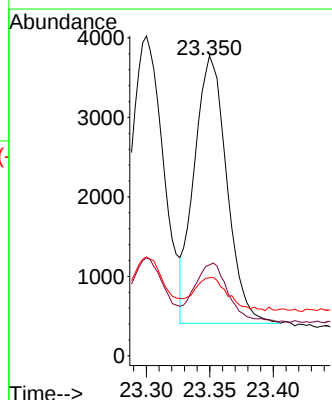
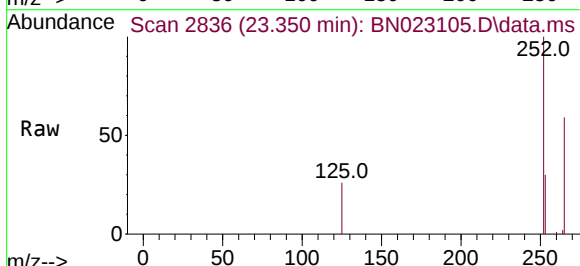
RT: 23.350 min Scan# 2836

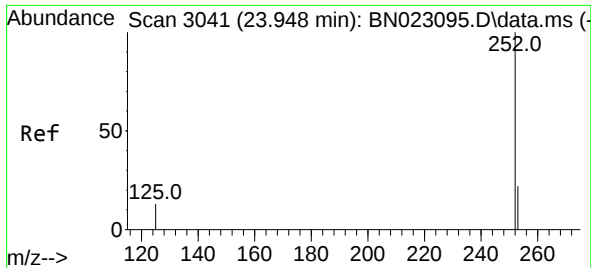
Delta R.T. -0.002 min

Lab File: BN023105.D

Acq: 09 Dec 2022 13:46

Tgt Ion:252	Resp:	6020
Ion Ratio	Lower	Upper
252	100	
253	30.3	19.1 28.7#
125	26.0	12.5 18.7#

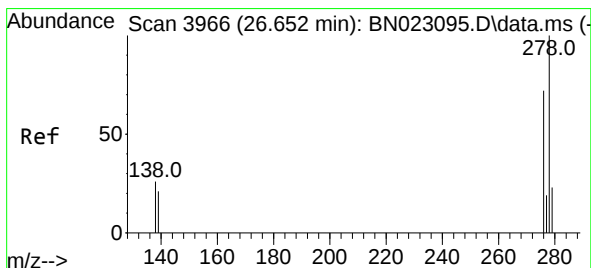
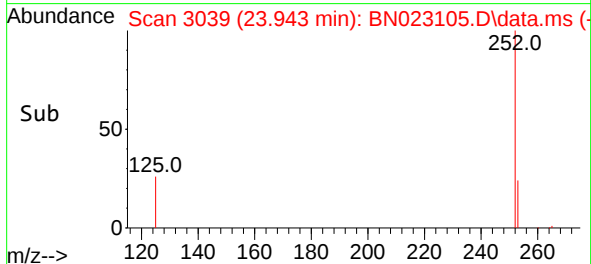
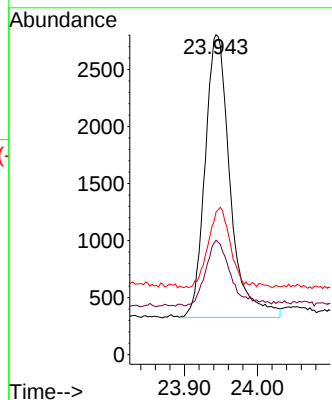
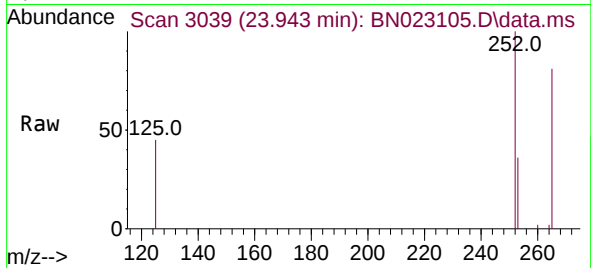




#39
Benzo(a)pyrene
Concen: 0.121 ng
RT: 23.943 min Scan# 3041
Delta R.T. -0.005 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

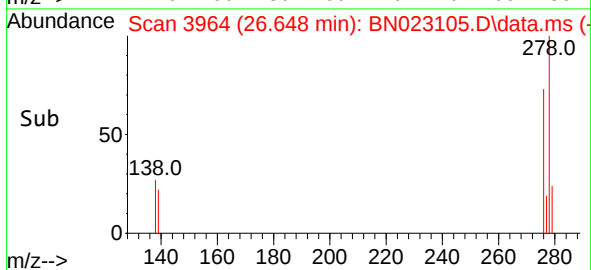
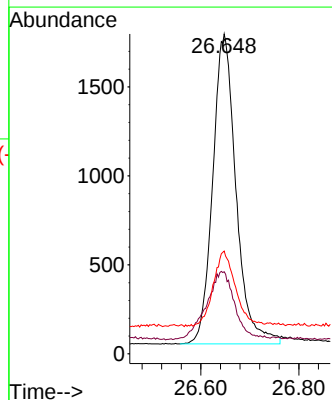
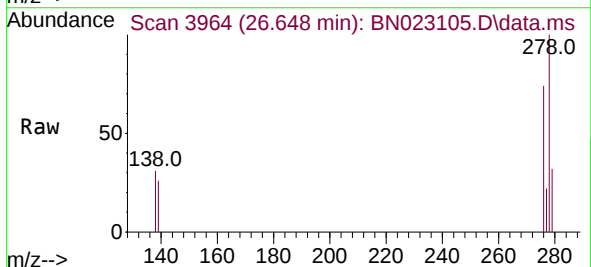
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

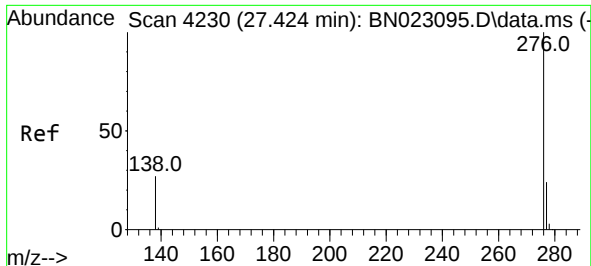
Tgt Ion:252 Resp: 5918
Ion Ratio Lower Upper
252 100
253 35.7 20.6 30.8#
125 44.5 15.8 23.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 26.648 min Scan# 3964
Delta R.T. -0.005 min
Lab File: BN023105.D
Acq: 09 Dec 2022 13:46

Tgt Ion:278 Resp: 5754
Ion Ratio Lower Upper
278 100
139 25.7 17.5 26.3
279 32.1 20.5 30.7#





#41

Benzo(g,h,i)perylene

Concen: 0.100 ng

RT: 27.414 min Scan# 41

Delta R.T. -0.011 min

Lab File: BN023105.D

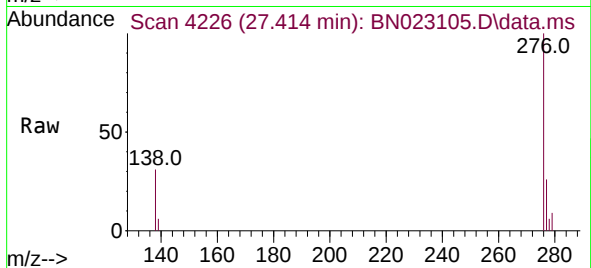
Acq: 09 Dec 2022 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:276 Resp: 6087

Ion Ratio Lower Upper

276 100

277 26.2 19.9 29.9

138 31.2 22.2 33.2

