

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
 Data File : BN023663.D
 Acq On : 16 Jan 2023 13:47
 Operator : CG/JU
 Sample : N3214-01
 Misc : LOD-MDL-SOIL 0.1ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jan 17 04:33:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 04:31:57 2023
 Response via : Initial Calibration

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

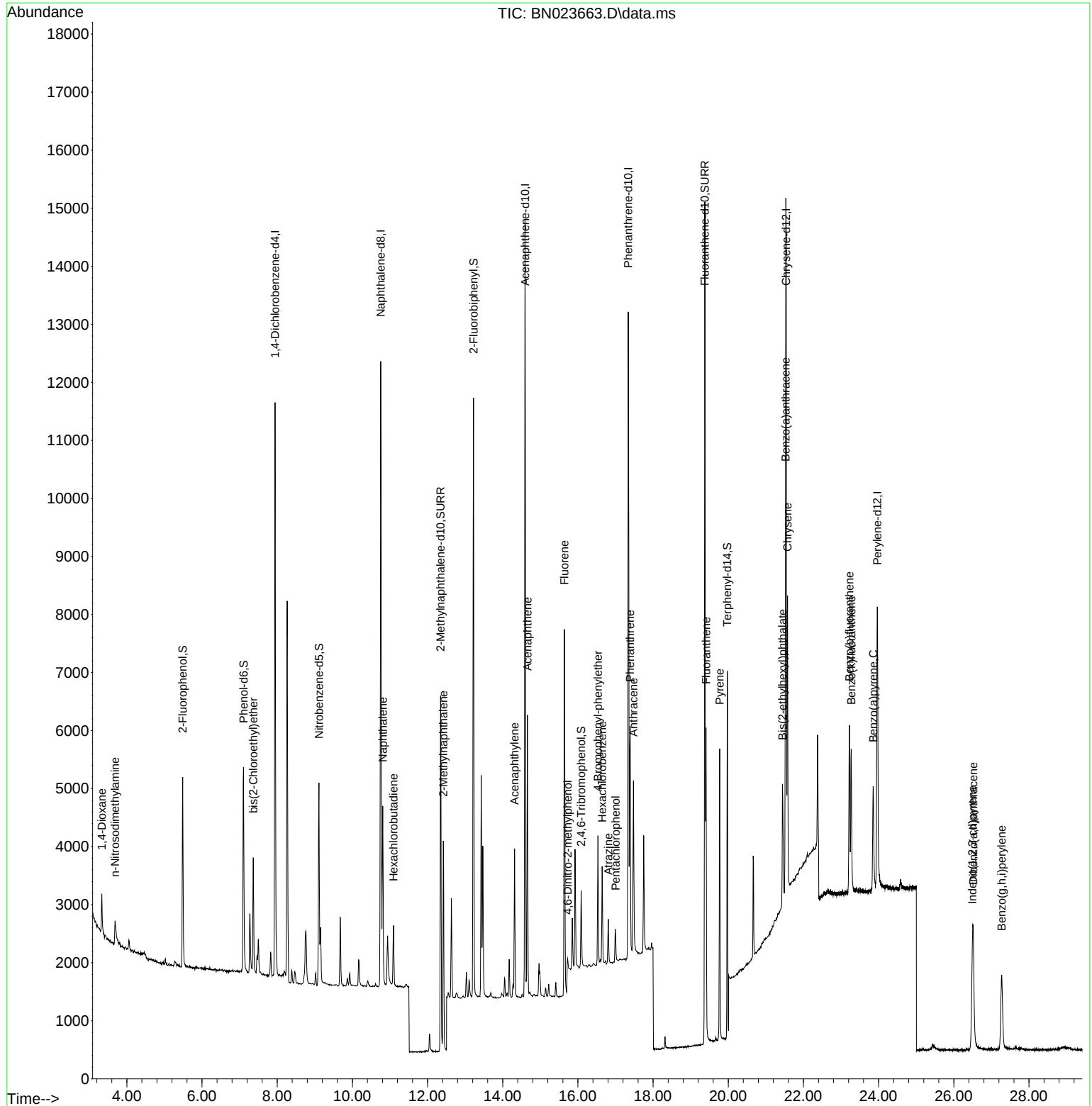
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4708	0.400	ng	0.00
7) Naphthalene-d8	10.754	136	13733	0.400	ng	# 0.00
13) Acenaphthene-d10	14.591	164	7287	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	15056	0.400	ng	0.00
29) Chrysene-d12	21.540	240	10810	0.400	ng	0.00
35) Perylene-d12	23.967	264	7567	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.485	112	2757	0.295	ng	0.00
5) Phenol-d6	7.103	99	3438	0.286	ng	0.00
8) Nitrobenzene-d5	9.110	82	2919	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.348	152	8443	0.446	ng	0.00
14) 2,4,6-Tribromophenol	16.086	330	766	0.243	ng	0.00
15) 2-Fluorobiphenyl	13.223	172	8909	0.302	ng	0.00
27) Fluoranthene-d10	19.376	212	15895	0.431	ng	0.00
31) Terphenyl-d14	19.974	244	9285	0.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.333	88	487	0.115	ng	96
3) n-Nitrosodimethylamine	3.687	42	452	0.095	ng	# 90
6) bis(2-Chloroethyl)ether	7.363	93	1467	0.116	ng	99
9) Naphthalene	10.808	128	3871	0.107	ng	97
10) Hexachlorobutadiene	11.096	225	803	0.109	ng	# 100
12) 2-Methylnaphthalene	12.420	142	2525	0.097	ng	98
16) Acenaphthylene	14.313	152	2751	0.094	ng	99
17) Acenaphthene	14.655	154	2173	0.101	ng	100
18) Fluorene	15.639	166	2823	0.098	ng	99
20) 4,6-Dinitro-2-methylph...	15.726	198	124	0.076	ng	# 8
21) 4-Bromophenyl-phenylether	16.533	248	865	0.101	ng	97
22) Hexachlorobenzene	16.645	284	1190	0.111	ng	99
23) Atrazine	16.806	200	569	0.096	ng	# 93
24) Pentachlorophenol	17.005	266	339	0.091	ng	92
25) Phenanthrene	17.389	178	4538	0.103	ng	99
26) Anthracene	17.476	178	3352	0.095	ng	99
28) Fluoranthene	19.410	202	4721	0.095	ng	98
30) Pyrene	19.772	202	4543	0.110	ng	99
32) Benzo(a)anthracene	21.522	228	3420	0.098	ng	96
33) Chrysene	21.575	228	4209	0.109	ng	98
34) Bis(2-ethylhexyl)phtha...	21.441	149	1964	0.120	ng	98
36) Indeno(1,2,3-cd)pyrene	26.490	276	3251	0.096	ng	98
37) Benzo(b)fluoranthene	23.221	252	3809	0.118	ng	# 74
38) Benzo(k)fluoranthene	23.271	252	3274	0.104	ng	# 71
39) Benzo(a)pyrene	23.856	252	2824	0.116	ng	# 64
40) Dibenzo(a,h)anthracene	26.516	278	2550	0.094	ng	# 75
41) Benzo(g,h,i)perylene	27.273	276	2988	0.108	ng	# 89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023663.D
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Operator : CG/JU
Sample : N3214-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

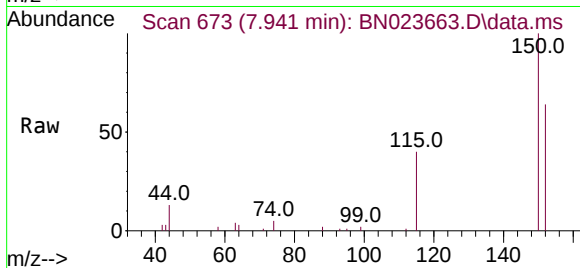
Quant Time: Jan 17 04:33:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 04:31:57 2023
Response via : Initial Calibration



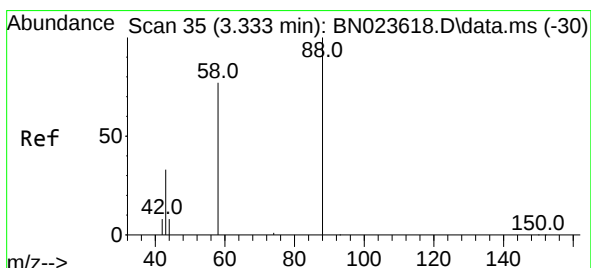
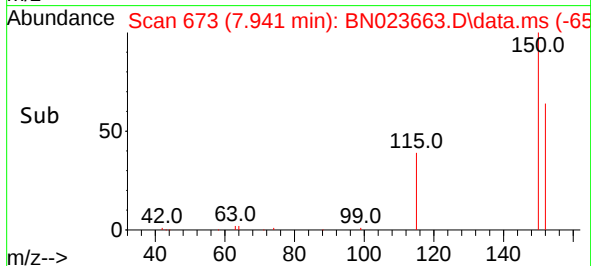
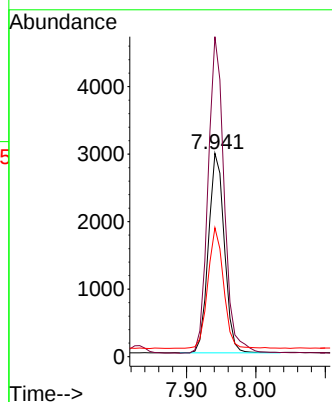


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.941 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

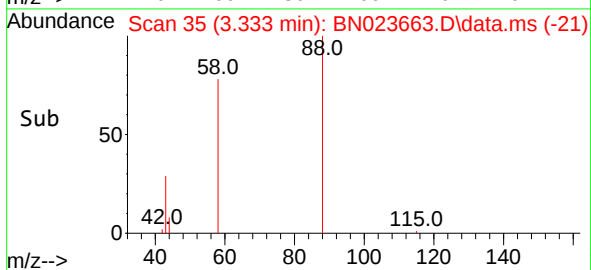
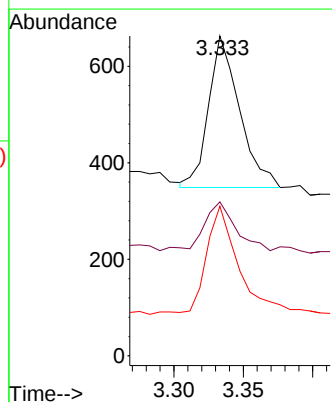
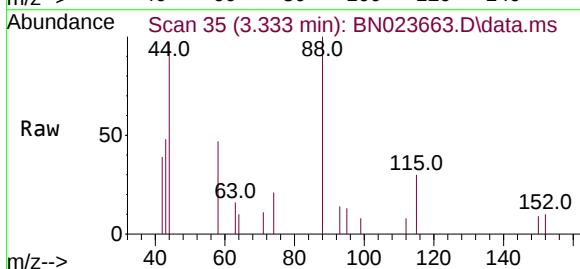


Tgt Ion:152 Resp: 4708
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.8
115 63.4 50.6 75.8



#2
1,4-Dioxane
Concen: 0.115 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion: 88 Resp: 487
Ion Ratio Lower Upper
88 100
43 26.7 26.2 39.2
58 74.7 60.6 90.8

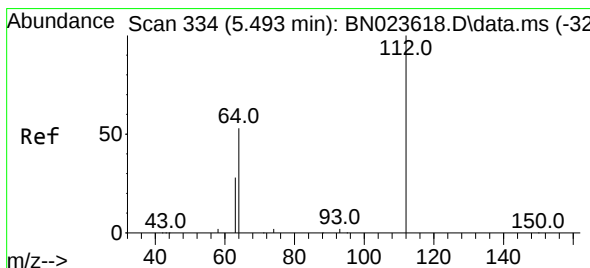
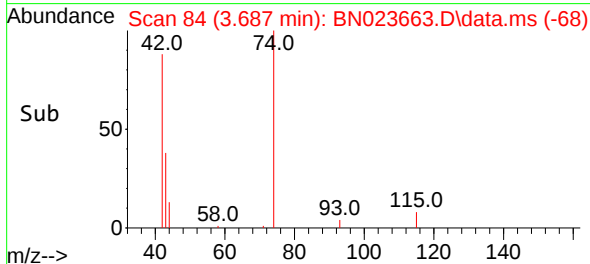
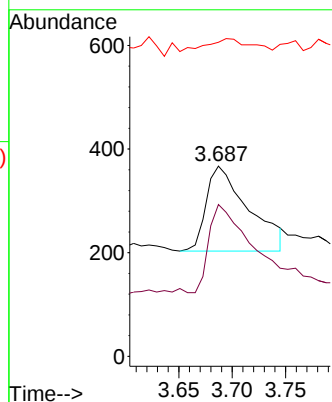
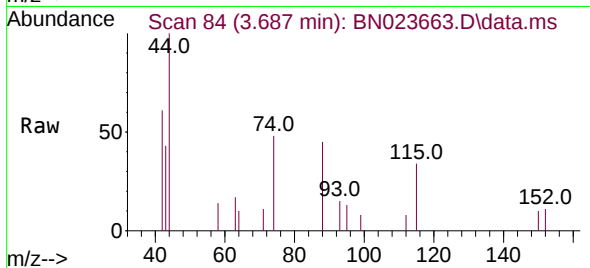




#3
 n-Nitrosodimethylamine
 Concen: 0.095 ng
 RT: 3.687 min Scan# 84
 Delta R.T. 0.014 min
 Lab File: BN023663.D
 Acq: 16 Jan 2023 13:47

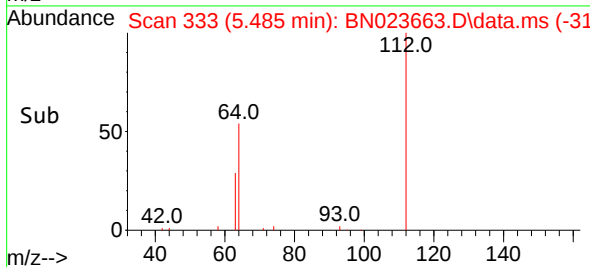
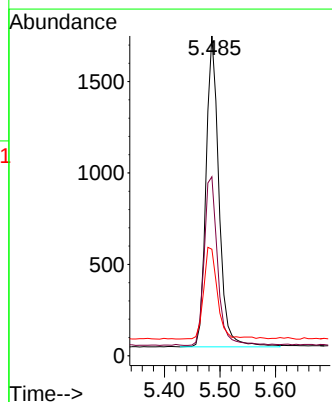
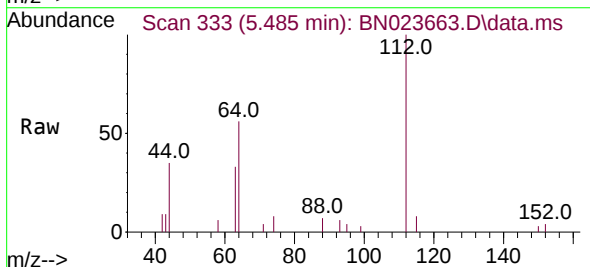
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 42 Resp: 452
 Ion Ratio Lower Upper
 42 100
 74 104.6 92.1 138.1
 44 14.4 5.4 8.0#



#4
 2-Fluorophenol
 Concen: 0.295 ng
 RT: 5.485 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: BN023663.D
 Acq: 16 Jan 2023 13:47

Tgt Ion: 112 Resp: 2757
 Ion Ratio Lower Upper
 112 100
 64 56.7 44.9 67.3
 63 31.5 24.9 37.3

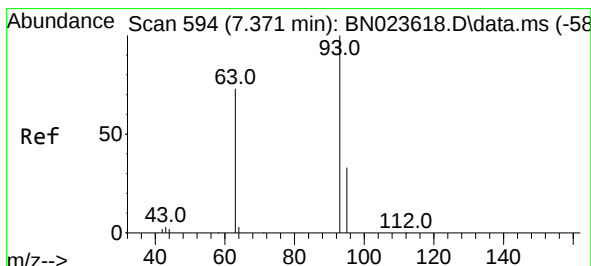
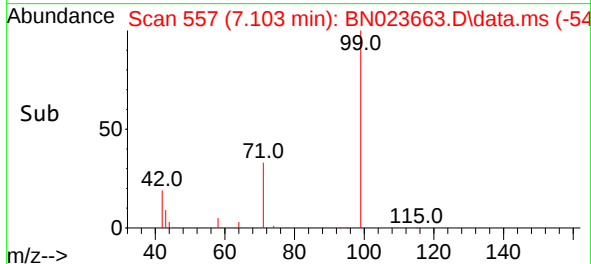
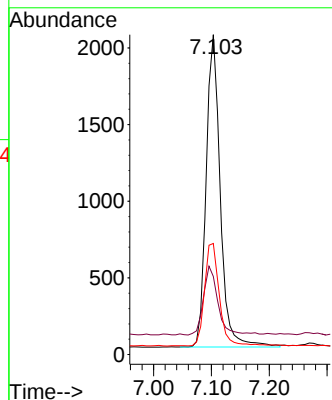
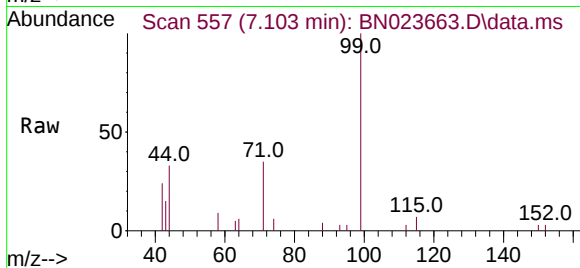




#5
Phenol-d6
Concen: 0.286 ng
RT: 7.103 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

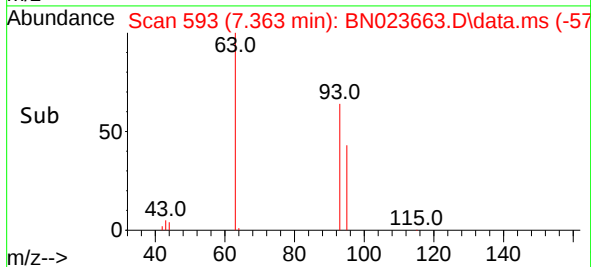
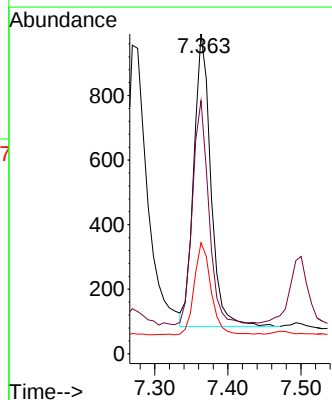
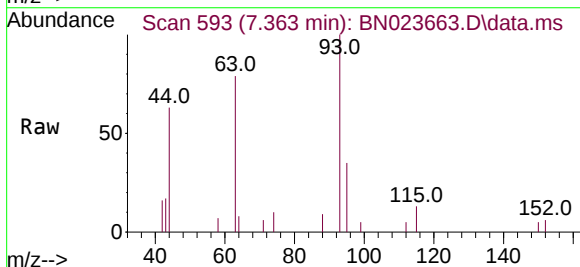
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

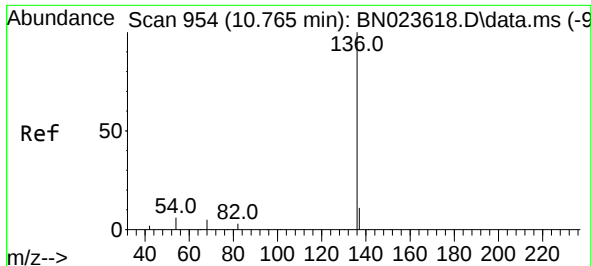
Tgt Ion:	99	Resp:	3438
Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.8	28.2
71	34.5	28.2	42.4



#6
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 7.363 min Scan# 593
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:	93	Resp:	1467
Ion	Ratio	Lower	Upper
93	100		
63	73.5	59.6	89.4
95	31.1	25.3	37.9

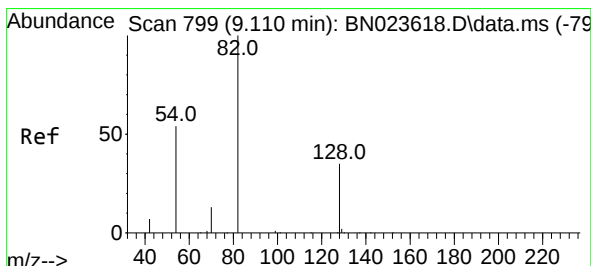
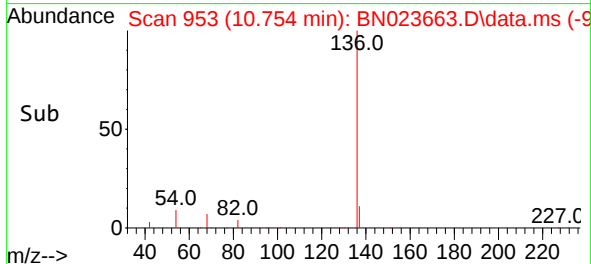
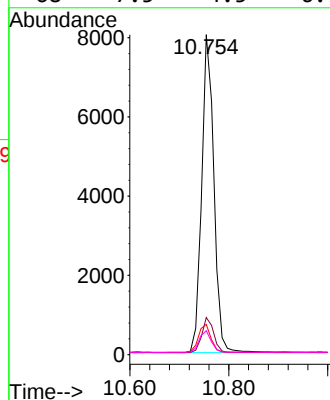
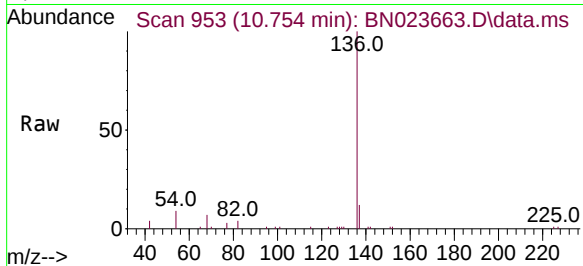




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.754 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

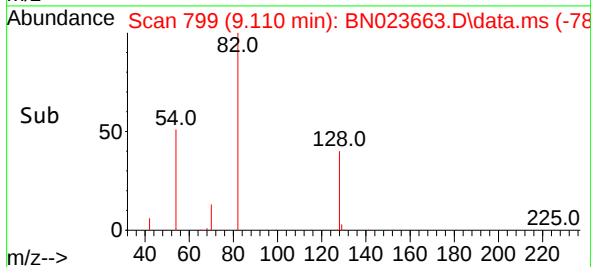
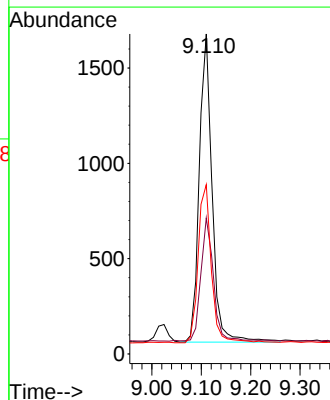
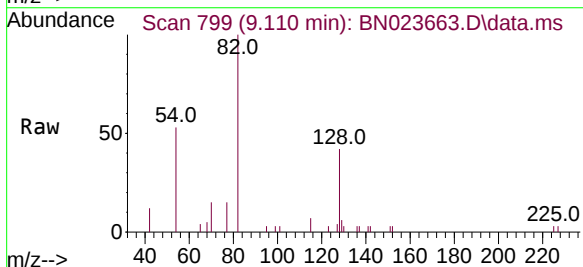
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

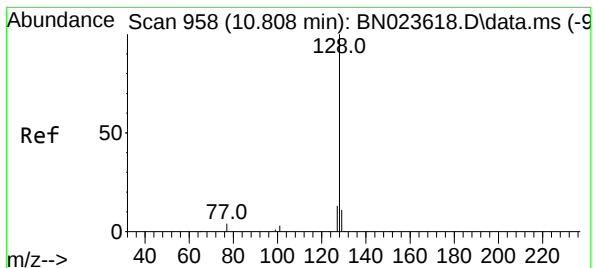
Tgt Ion:	136	Resp:	13733
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	9.4	5.7	8.5#
68	7.5	4.5	6.7#



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 9.110 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:	82	Resp:	2919
Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.8	44.8
54	52.9	43.9	65.9





#9

Naphthalene

Concen: 0.107 ng

RT: 10.808 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN023663.D

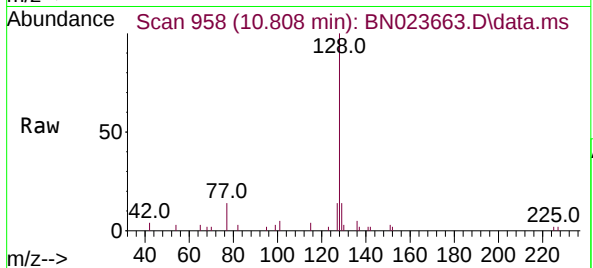
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Instrument :

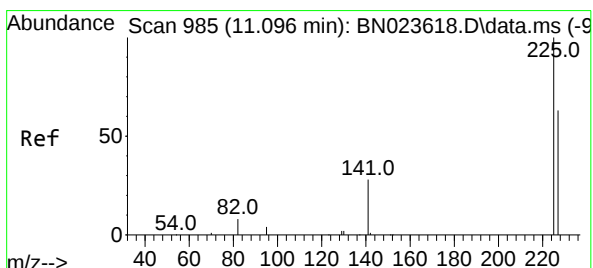
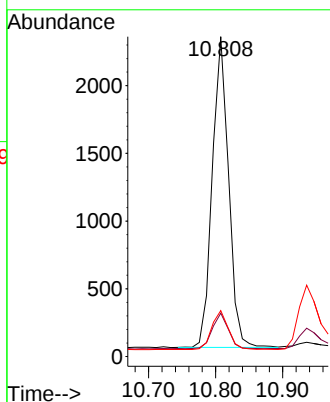
BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:	128	Resp:	3871
Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.2	13.8
127	14.4	11.0	16.4



#10

Hexachlorobutadiene

Concen: 0.109 ng

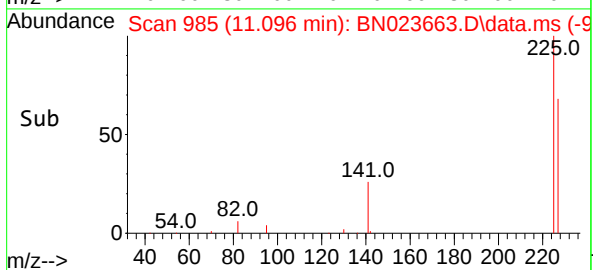
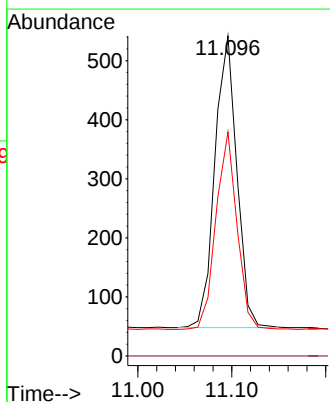
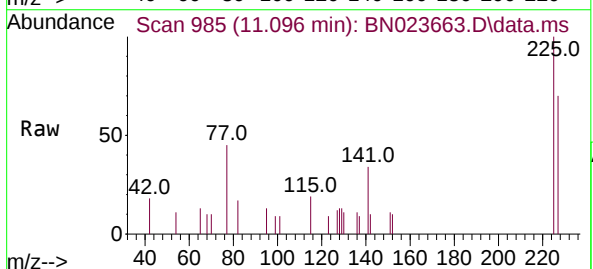
RT: 11.096 min Scan# 985

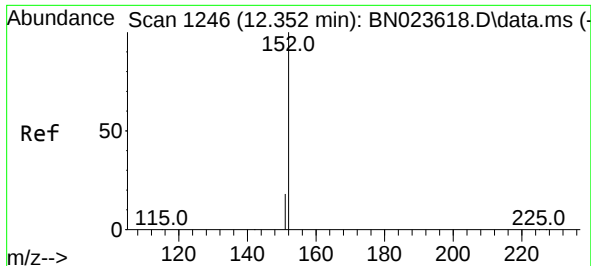
Delta R.T. -0.000 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

Tgt Ion:	225	Resp:	803
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.9	51.8	77.6

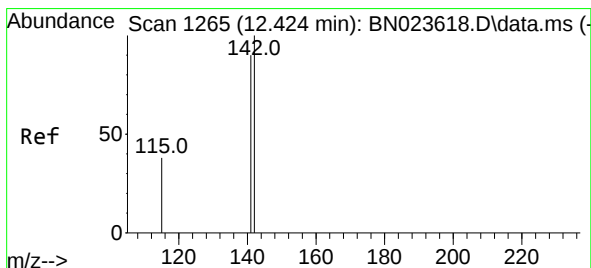
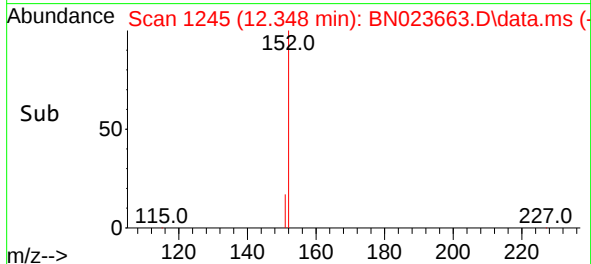
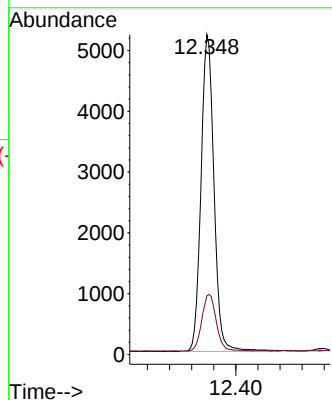
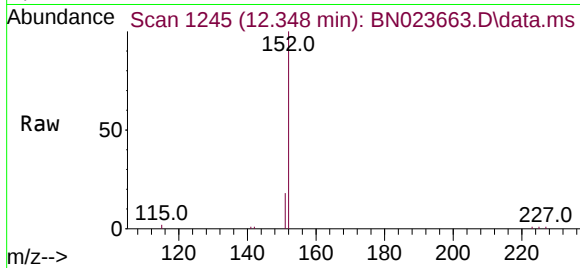




#11
2-Methylnaphthalene-d10
Concen: 0.446 ng
RT: 12.348 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

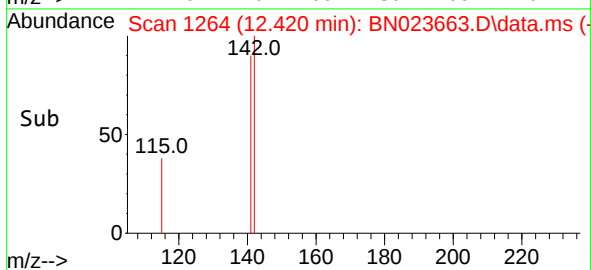
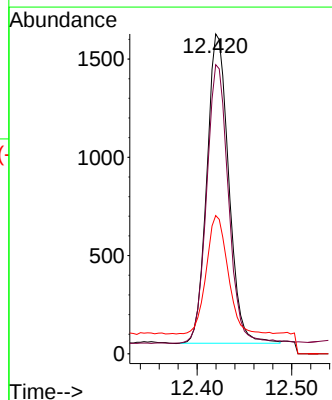
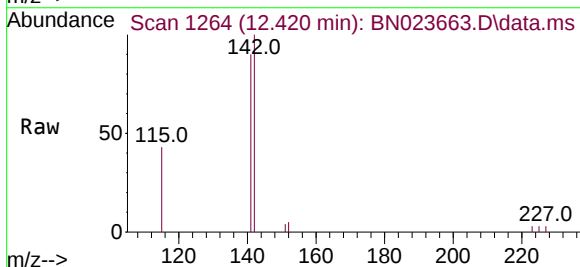
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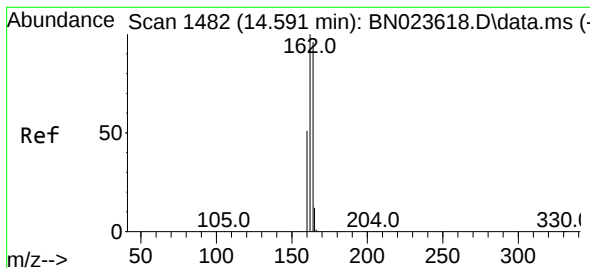
Tgt Ion:152 Resp: 8443
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3



#12
2-Methylnaphthalene
Concen: 0.097 ng
RT: 12.420 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:142 Resp: 2525
Ion Ratio Lower Upper
142 100
141 90.4 72.0 108.0
115 43.2 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.591 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BN023663.D

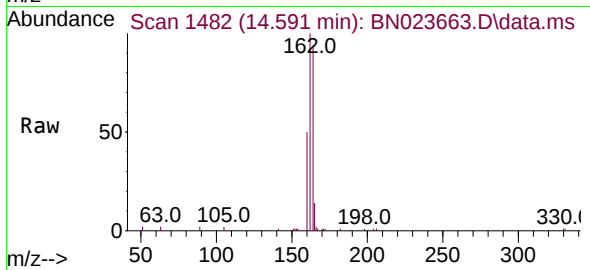
Acq: 16 Jan 2023 13:47

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



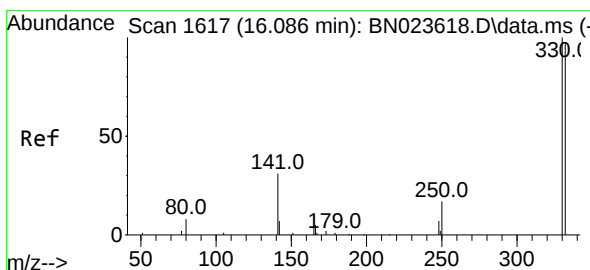
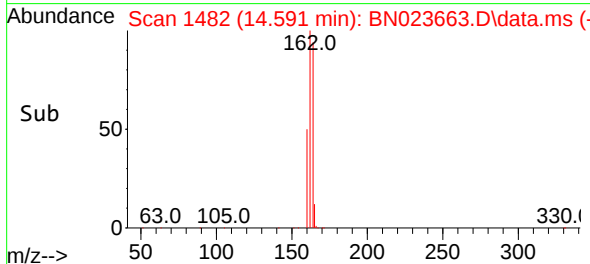
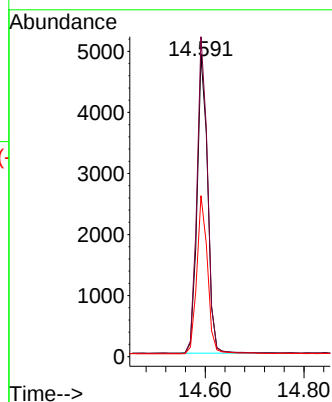
Tgt Ion:164 Resp: 7287

Ion Ratio Lower Upper

164 100

162 106.3 83.4 125.2

160 53.4 42.7 64.1



#14

2,4,6-Tribromophenol

Concen: 0.243 ng

RT: 16.086 min Scan# 1617

Delta R.T. -0.000 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

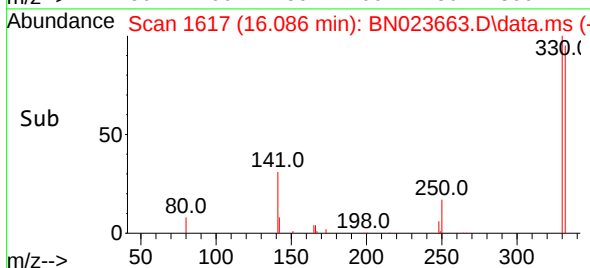
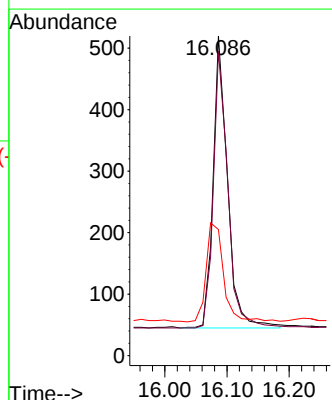
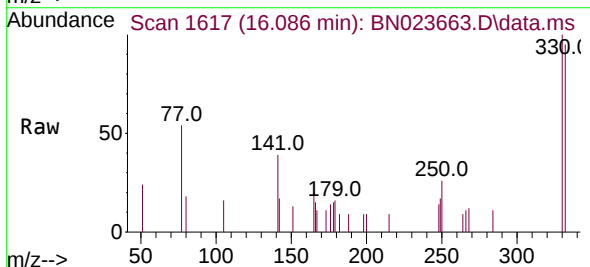
Tgt Ion:330 Resp: 766

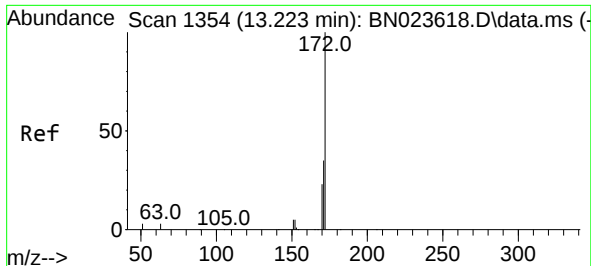
Ion Ratio Lower Upper

330 100

332 95.0 78.1 117.1

141 40.7 33.4 50.0

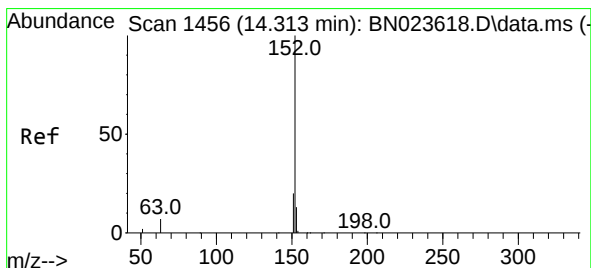
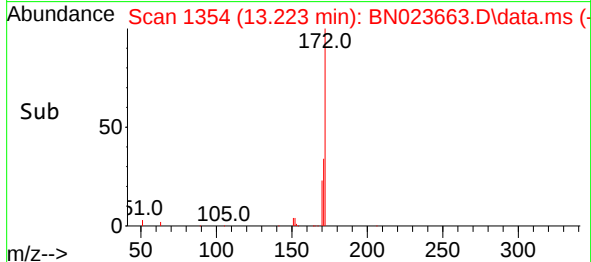
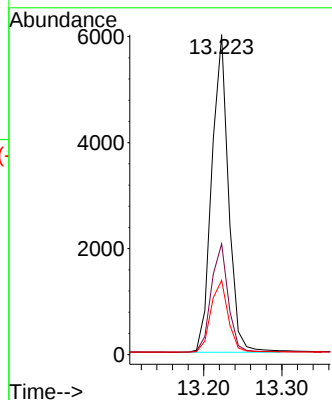
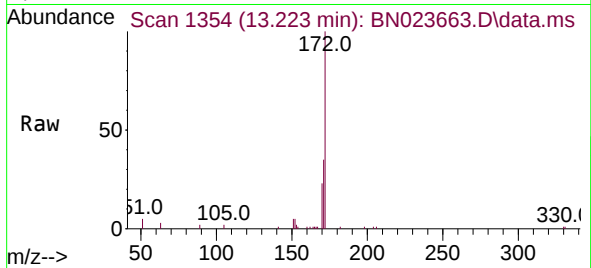




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.223 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

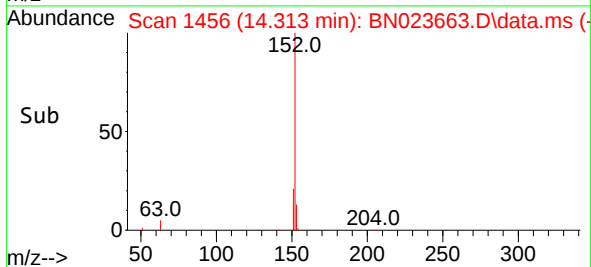
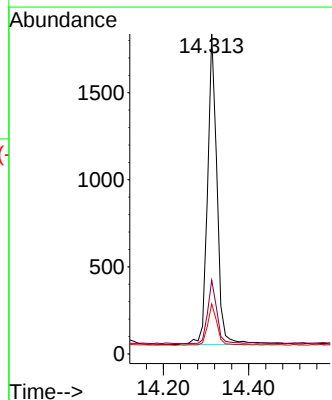
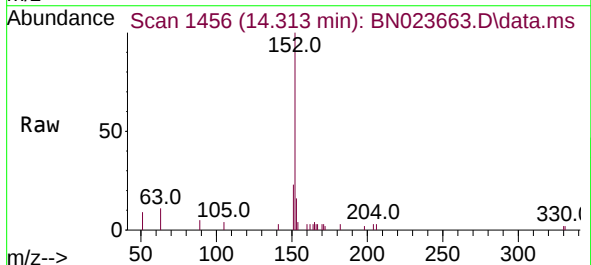
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

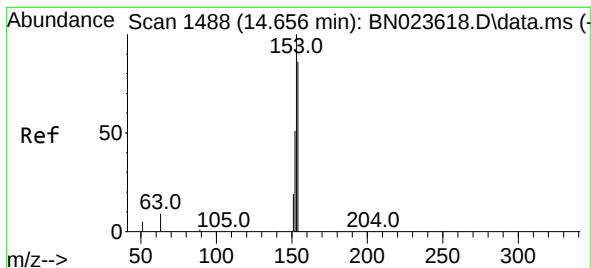
Tgt Ion:172 Resp: 8909
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.2 19.0 28.4



#16
Acenaphthylene
Concen: 0.094 ng
RT: 14.313 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:152 Resp: 2751
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.9 10.5 15.7





#17

Acenaphthene

Concen: 0.101 ng

RT: 14.655 min Scan# 1488

Delta R.T. -0.000 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

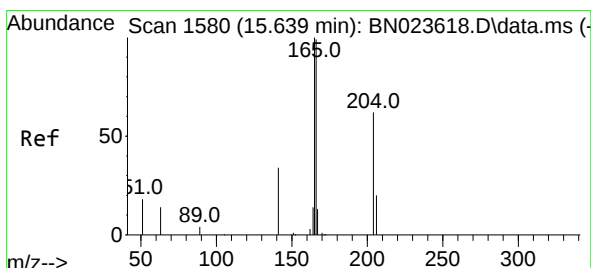
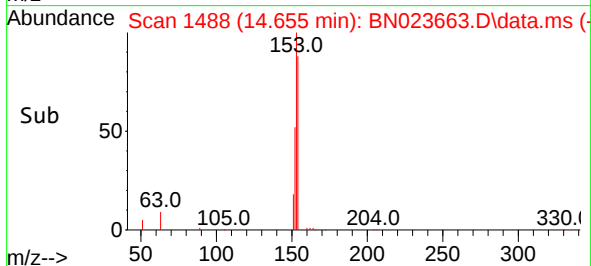
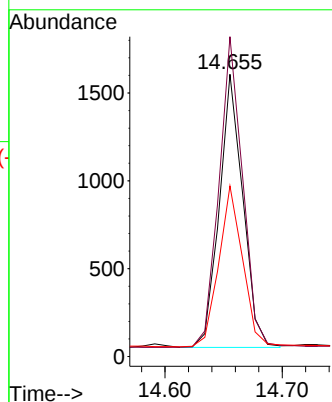
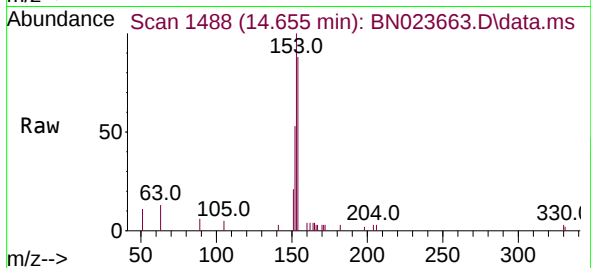
Tgt Ion:154 Resp: 2173

Ion Ratio Lower Upper

154 100

153 115.0 92.4 138.6

152 60.4 48.2 72.2



#18

Fluorene

Concen: 0.098 ng

RT: 15.639 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

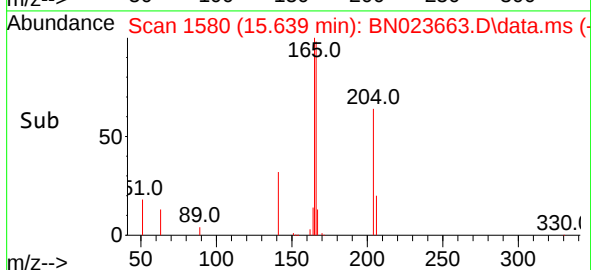
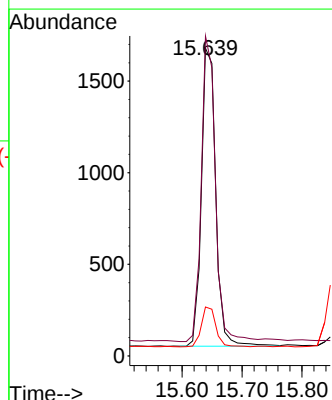
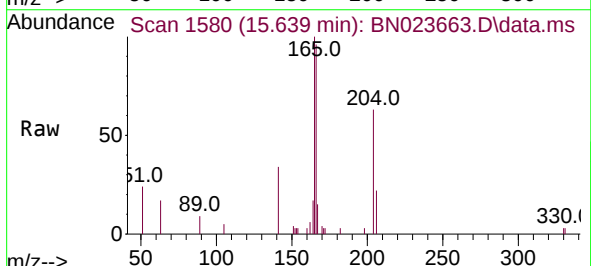
Tgt Ion:166 Resp: 2823

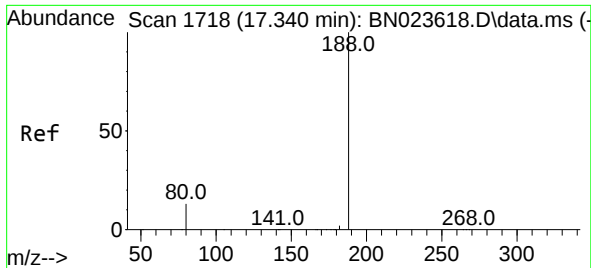
Ion Ratio Lower Upper

166 100

165 101.6 80.4 120.6

167 13.0 10.6 16.0

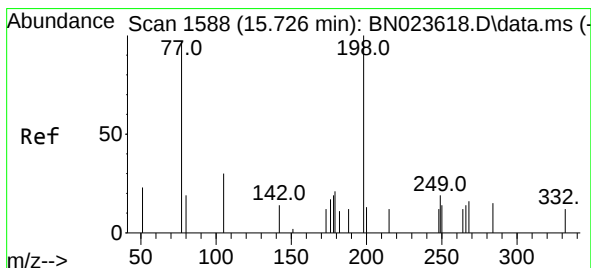
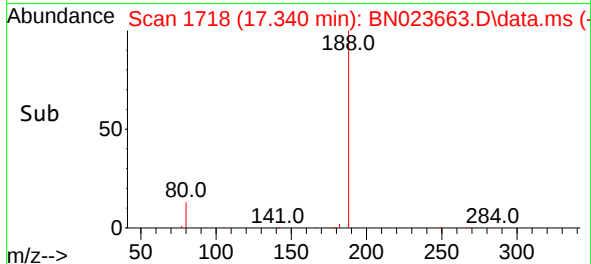
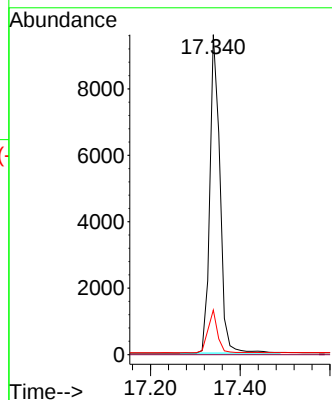
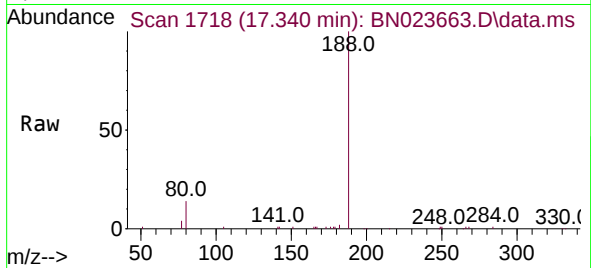




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

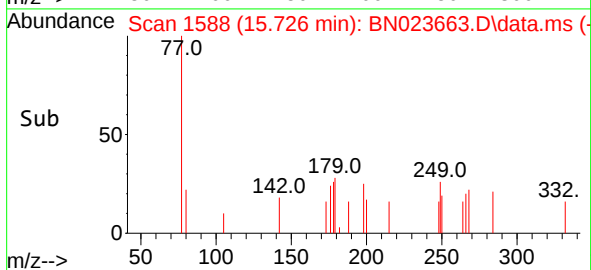
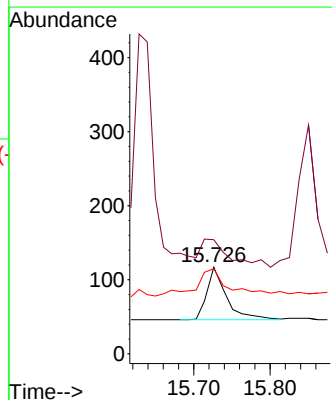
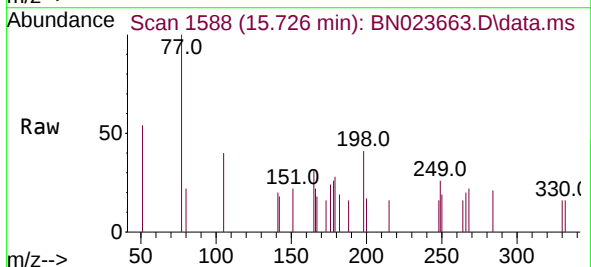
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

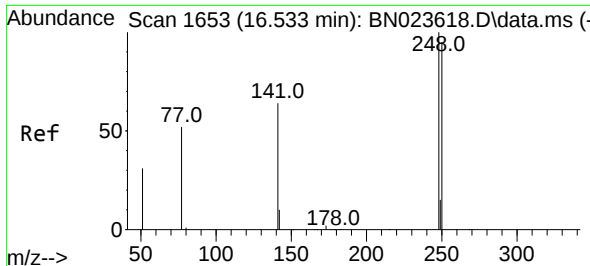
Tgt Ion:188 Resp: 15056
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 11.0 16.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.076 ng
RT: 15.726 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:198 Resp: 124
Ion Ratio Lower Upper
198 100
51 131.6 44.9 67.3#
105 98.3 37.0 55.4#

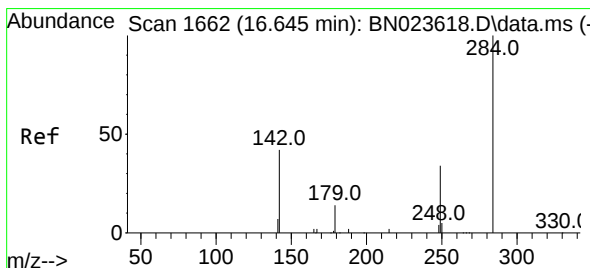
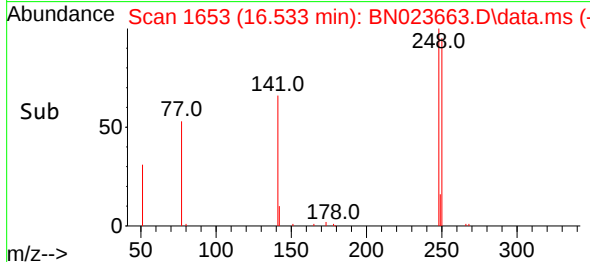
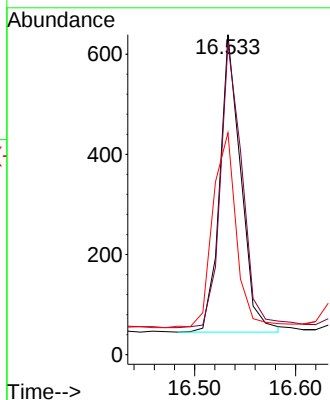
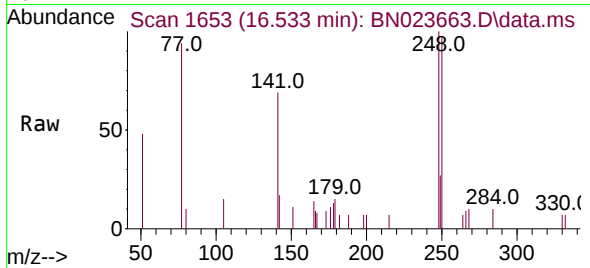




#21
4-Bromophenyl-phenylether
Concen: 0.101 ng
RT: 16.533 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

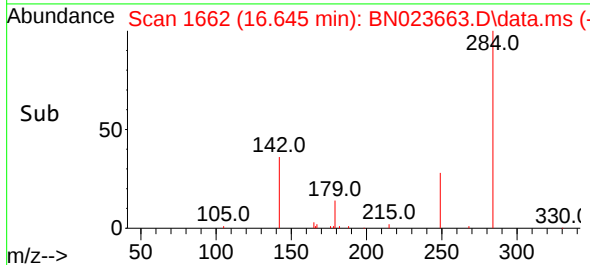
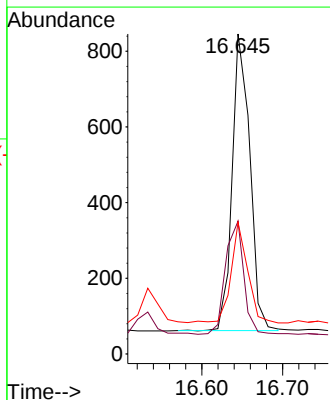
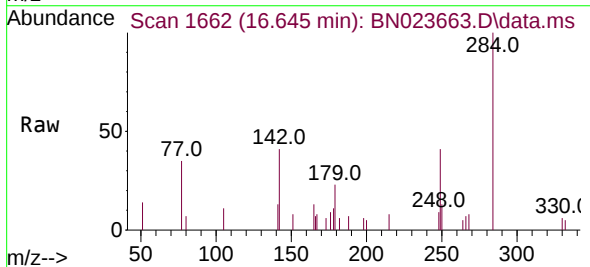
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

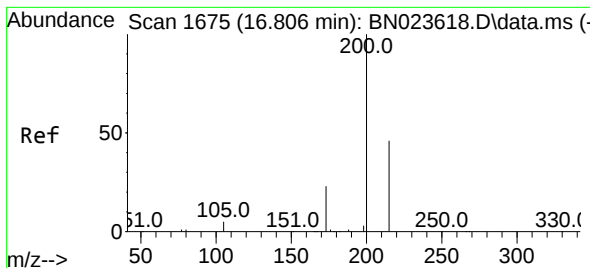
Tgt Ion:	248	Resp:	865
Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.6	114.8
141	69.3	52.3	78.5



#22
Hexachlorobenzene
Concen: 0.111 ng
RT: 16.645 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:	284	Resp:	1190
Ion	Ratio	Lower	Upper
284	100		
142	39.5	31.4	47.2
249	32.0	24.9	37.3





#23

Atrazine

Concen: 0.096 ng

RT: 16.806 min Scan# 1675

Delta R.T. -0.000 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

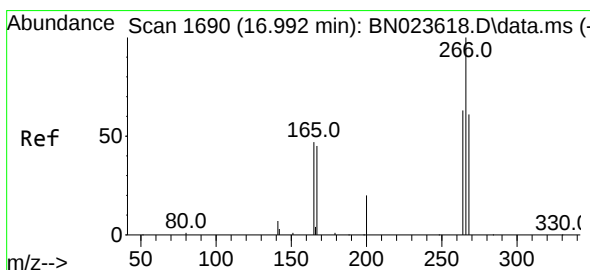
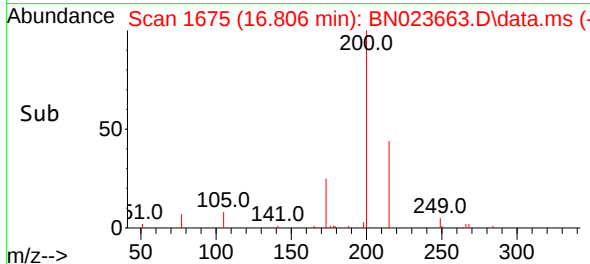
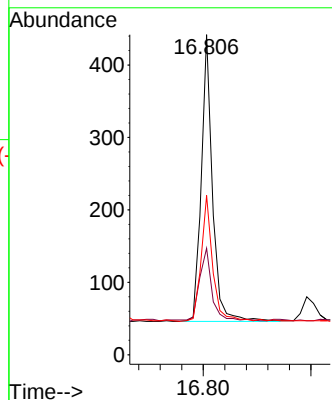
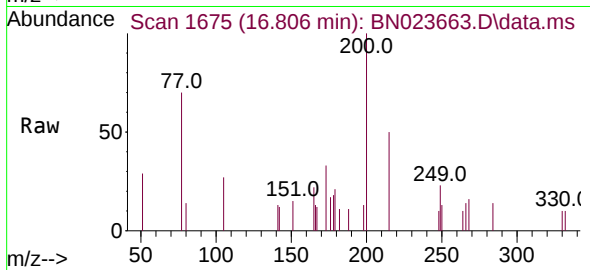
Tgt Ion:200 Resp: 569

Ion Ratio Lower Upper

200 100

173 33.3 20.4 30.6#

215 49.8 38.1 57.1



#24

Pentachlorophenol

Concen: 0.091 ng

RT: 17.005 min Scan# 1691

Delta R.T. 0.012 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

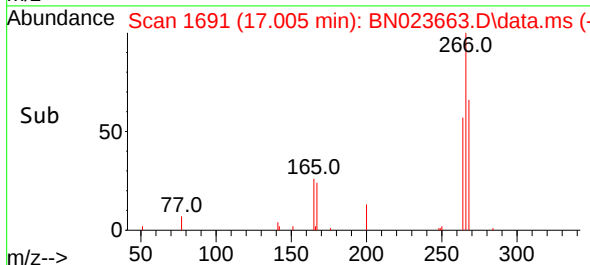
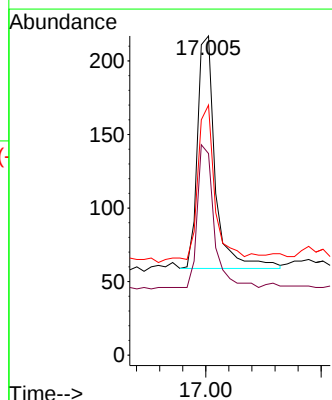
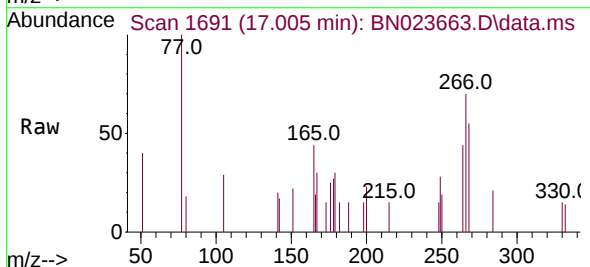
Tgt Ion:266 Resp: 339

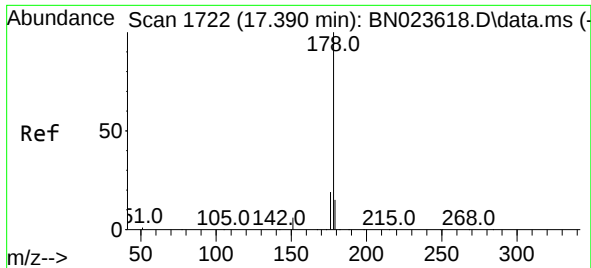
Ion Ratio Lower Upper

266 100

264 57.2 49.7 74.5

268 69.3 49.3 73.9

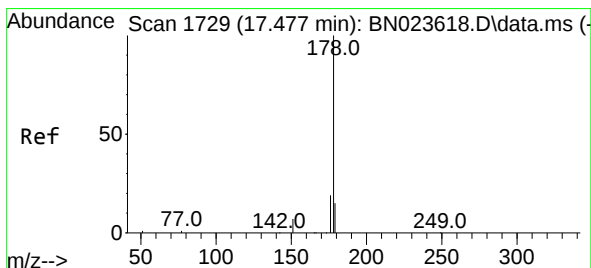
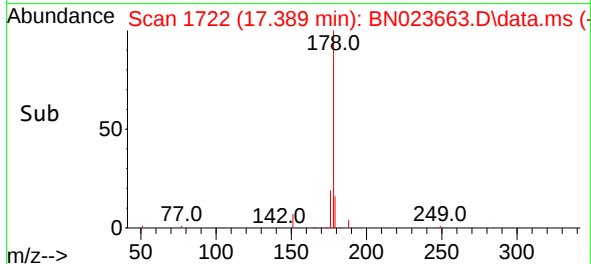
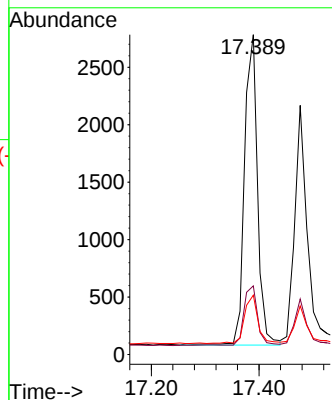
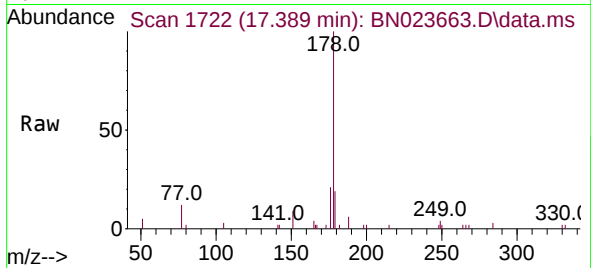




#25
Phenanthrene
Concen: 0.103 ng
RT: 17.389 min Scan# 1722
Delta R.T. 0.012 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

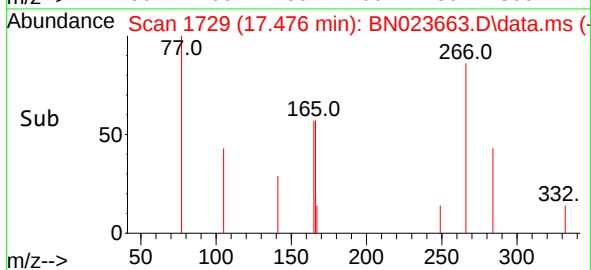
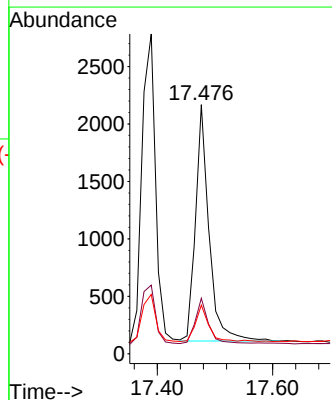
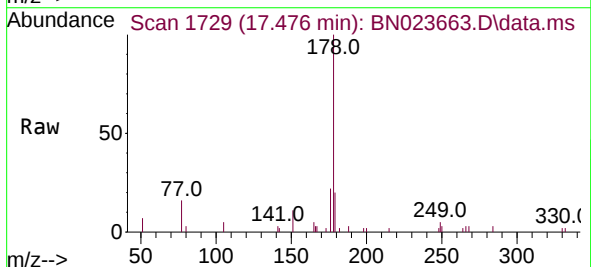
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

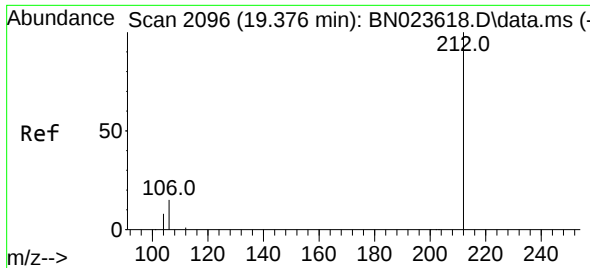
Tgt Ion:178 Resp: 4538
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.9 12.5 18.7



#26
Anthracene
Concen: 0.095 ng
RT: 17.476 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:178 Resp: 3352
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.1 12.2 18.2

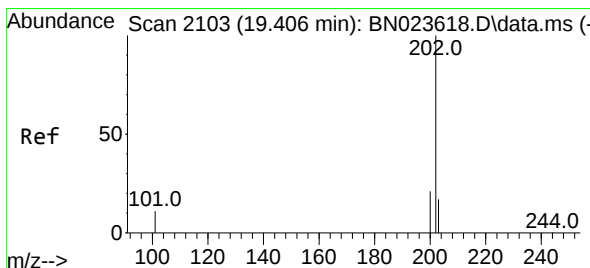
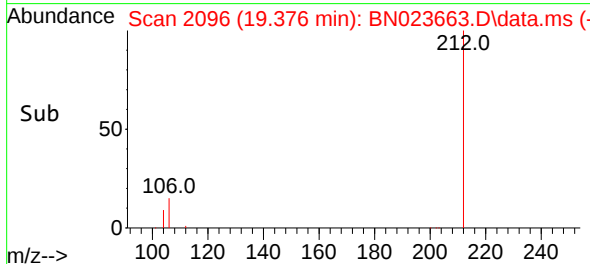
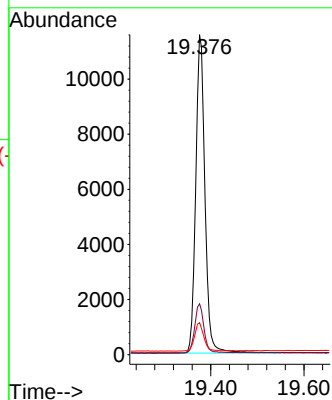
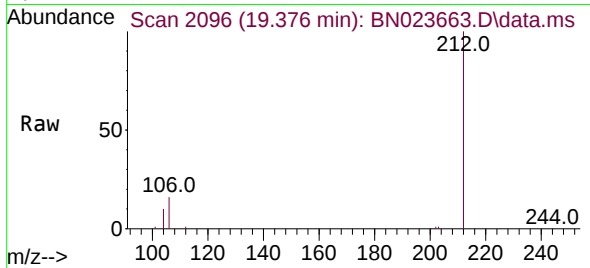




#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.376 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

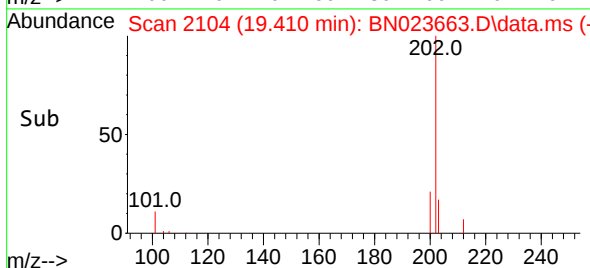
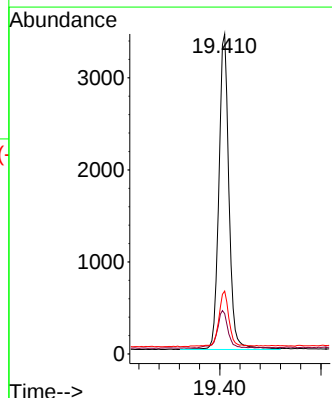
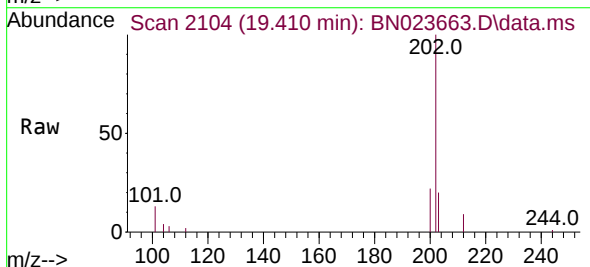
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

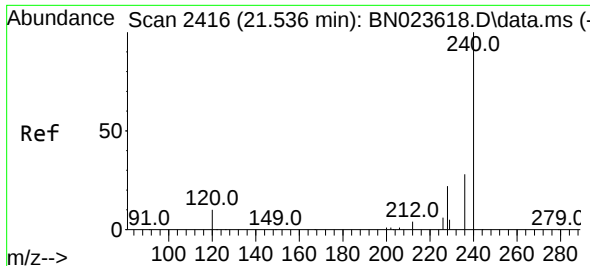
Tgt Ion:212 Resp: 15895
Ion Ratio Lower Upper
212 100
106 15.4 12.2 18.4
104 8.9 7.1 10.7



#28
Fluoranthene
Concen: 0.095 ng
RT: 19.410 min Scan# 2104
Delta R.T. 0.004 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:202 Resp: 4721
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
203 18.6 13.8 20.6

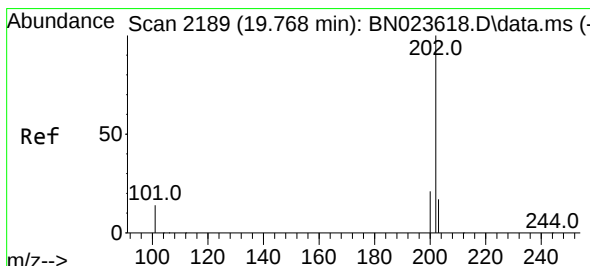
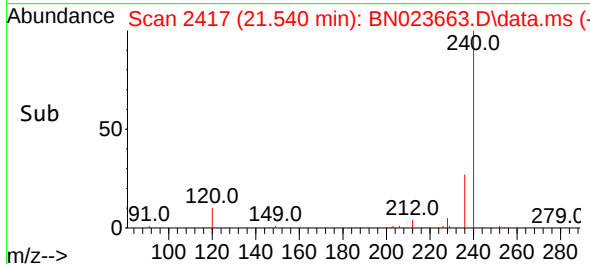
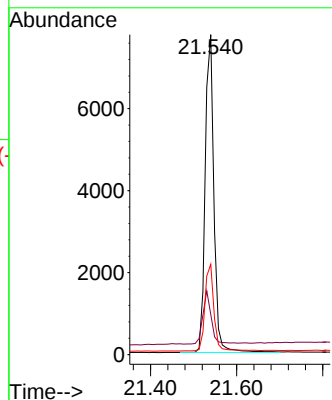
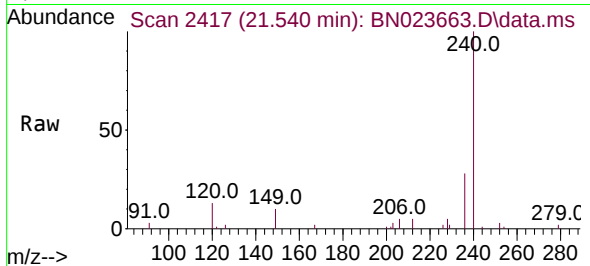




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.540 min Scan# 2416
Delta R.T. 0.004 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

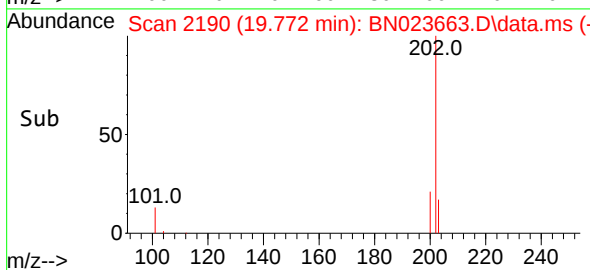
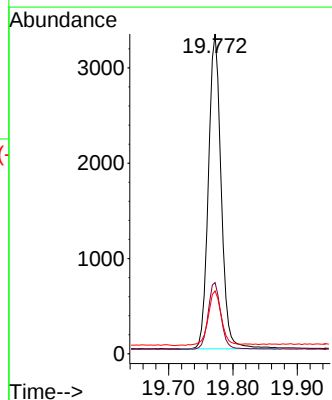
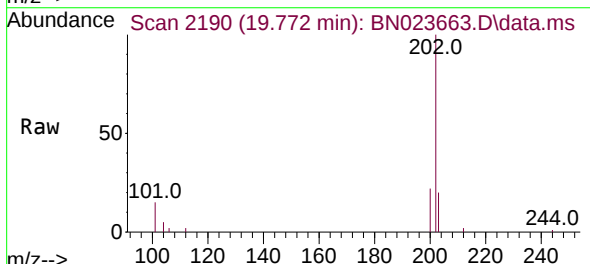
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

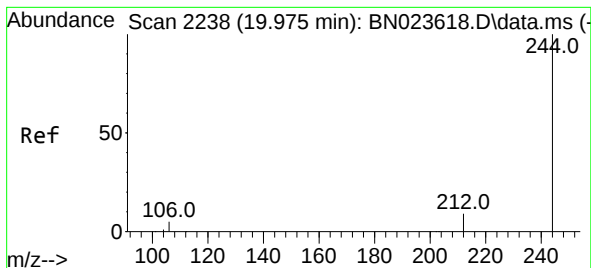
Tgt Ion:240 Resp: 10810
Ion Ratio Lower Upper
240 100
120 12.6 10.6 15.8
236 28.2 23.0 34.6



#30
Pyrene
Concen: 0.110 ng
RT: 19.772 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:202 Resp: 4543
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.3 14.2 21.2





#31

Terphenyl-d14

Concen: 0.339 ng

RT: 19.974 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023663.D

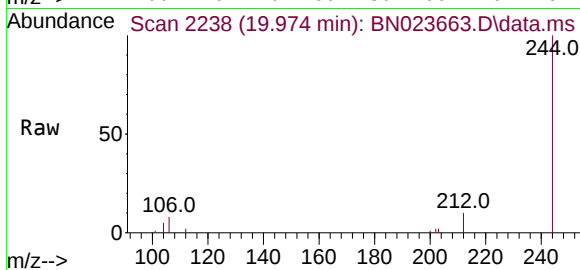
Acq: 16 Jan 2023 13:47

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



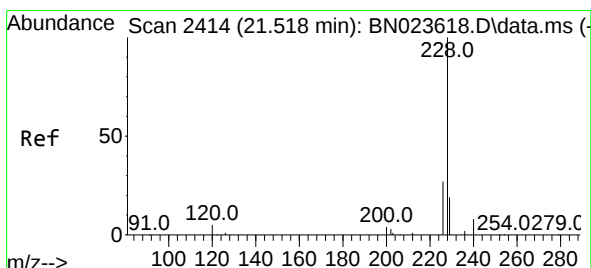
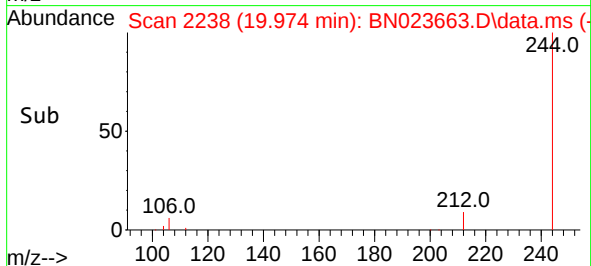
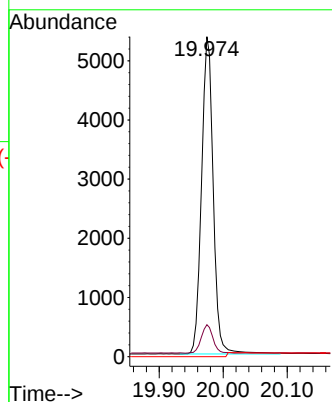
Tgt Ion:244 Resp: 9285

Ion Ratio Lower Upper

244 100

212 10.0 7.5 11.3

122 0.0 0.0 0.0



#32

Benzo(a)anthracene

Concen: 0.098 ng

RT: 21.522 min Scan# 2415

Delta R.T. 0.004 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

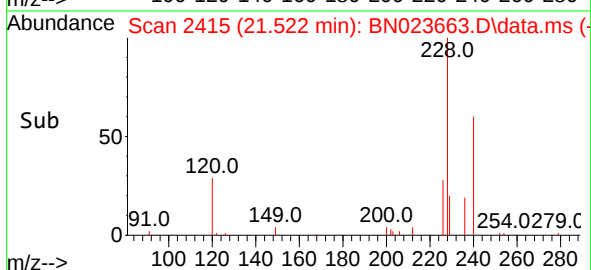
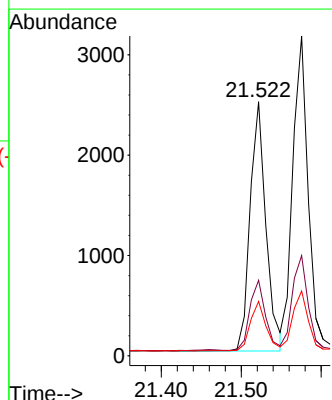
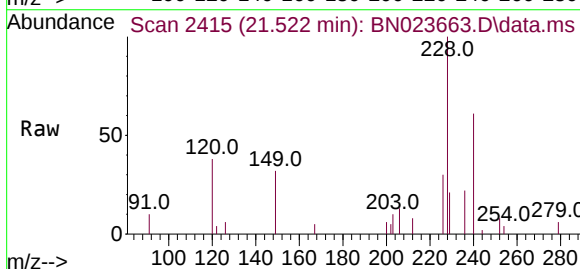
Tgt Ion:228 Resp: 3420

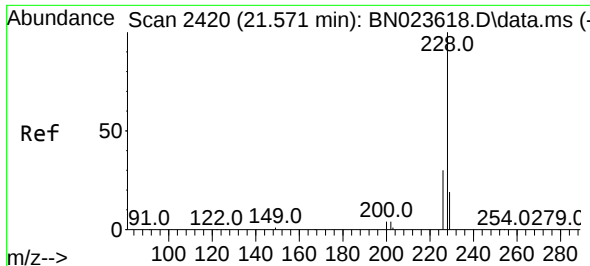
Ion Ratio Lower Upper

228 100

226 29.7 22.2 33.2

229 21.4 15.7 23.5

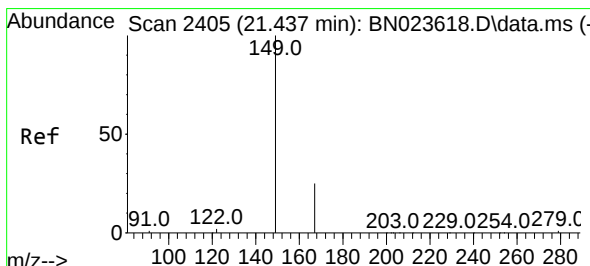
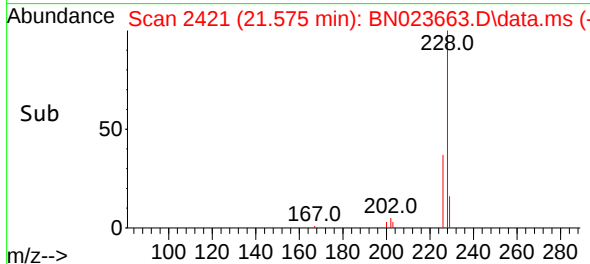
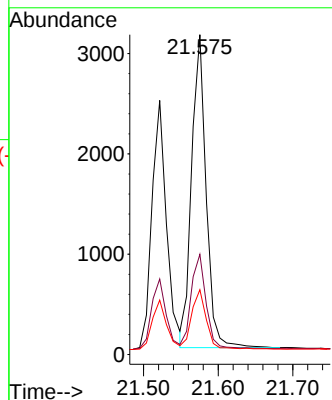
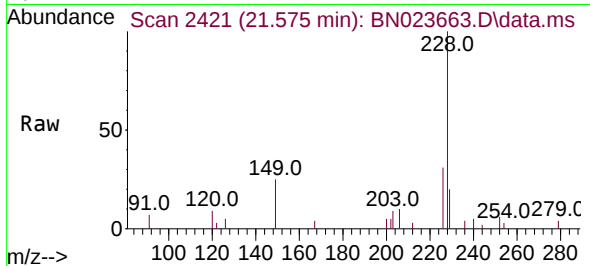




#33
Chrysene
Concen: 0.109 ng
RT: 21.575 min Scan# 2420
Delta R.T. 0.004 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

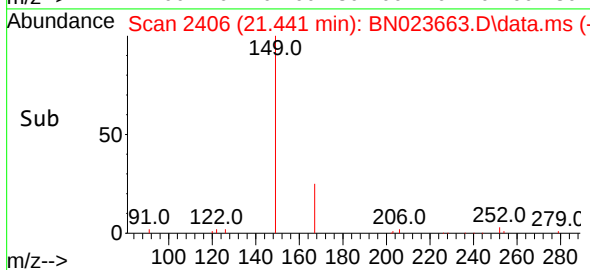
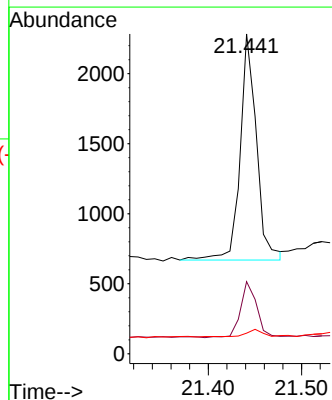
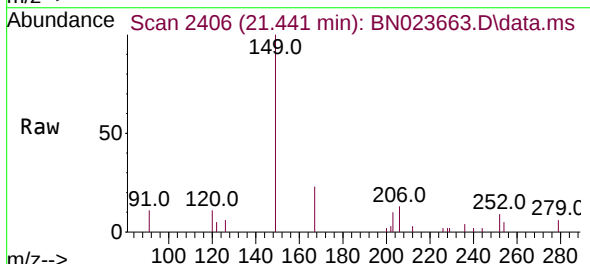
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

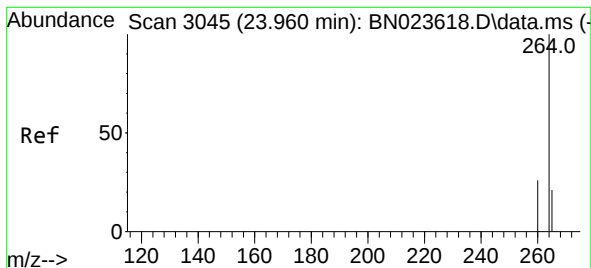
Tgt Ion:	228	Resp:	4209
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.4	36.6
229	20.3	15.6	23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 21.441 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Tgt Ion:	149	Resp:	1964
Ion Ratio	Lower	Upper	
149	100		
167	24.8	20.6	30.8
279	3.9	2.6	4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.967 min Scan# 3045

Delta R.T. 0.004 min

Lab File: BN023663.D

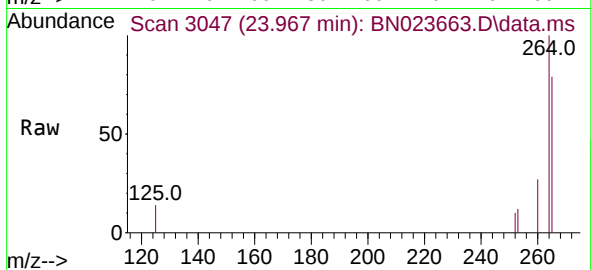
Acq: 16 Jan 2023 13:47

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



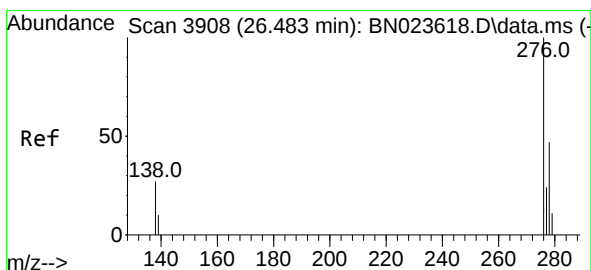
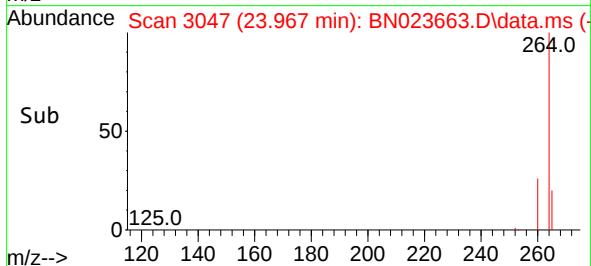
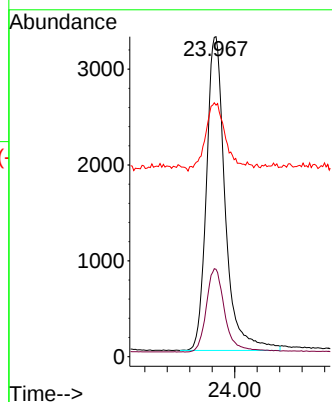
Tgt Ion:264 Resp: 7567

Ion Ratio Lower Upper

264 100

260 27.3 21.4 32.2

265 78.6 56.6 85.0



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.096 ng

RT: 26.490 min Scan# 3910

Delta R.T. 0.001 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

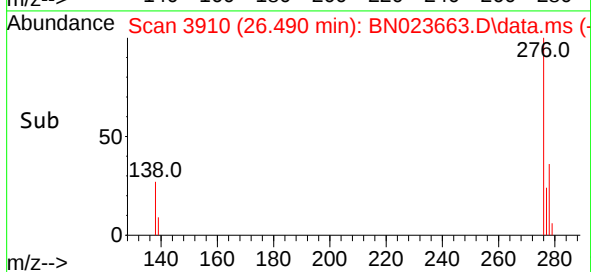
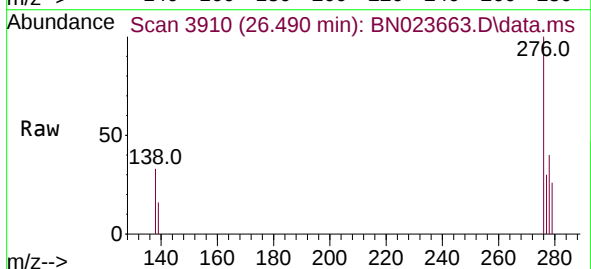
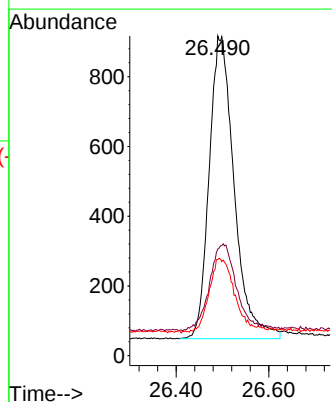
Tgt Ion:276 Resp: 3251

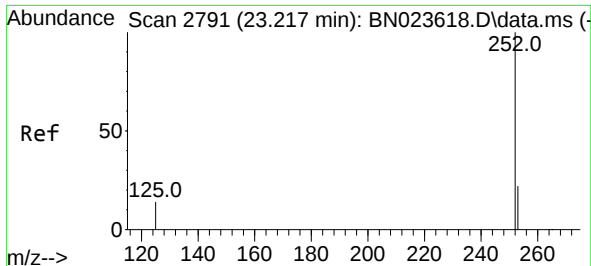
Ion Ratio Lower Upper

276 100

138 31.1 23.8 35.8

277 24.4 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.118 ng

RT: 23.221 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

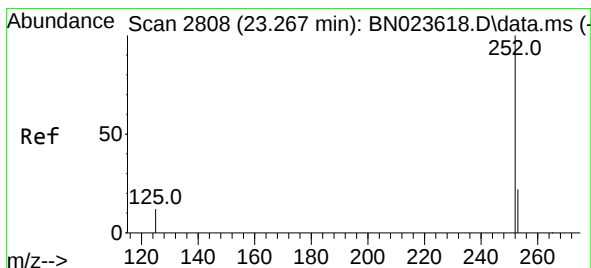
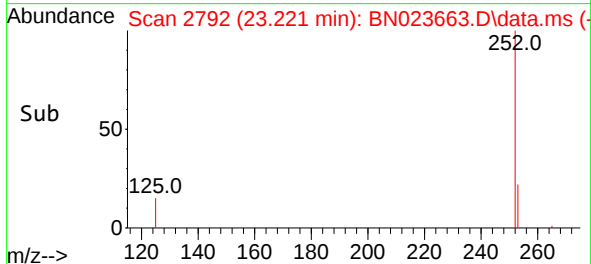
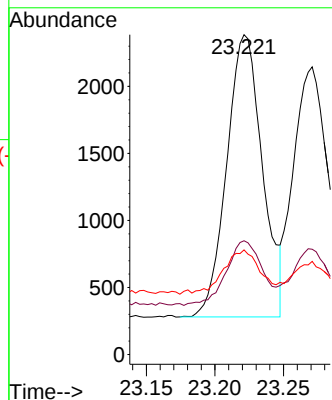
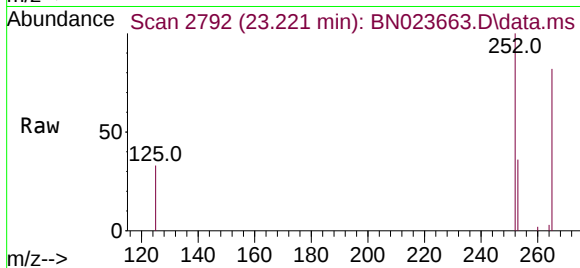
Tgt Ion:252 Resp: 3809

Ion Ratio Lower Upper

252 100

253 35.6 20.0 30.0#

125 32.7 14.4 21.6#



#38

Benzo(k)fluoranthene

Concen: 0.104 ng

RT: 23.271 min Scan# 2809

Delta R.T. 0.001 min

Lab File: BN023663.D

Acq: 16 Jan 2023 13:47

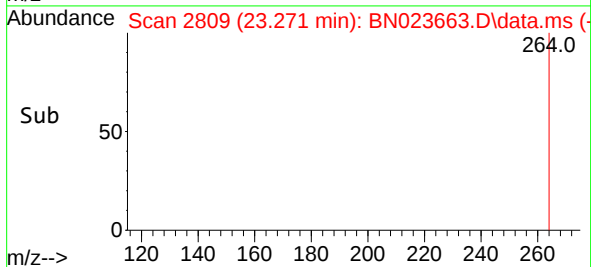
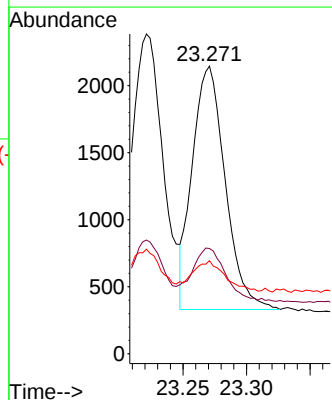
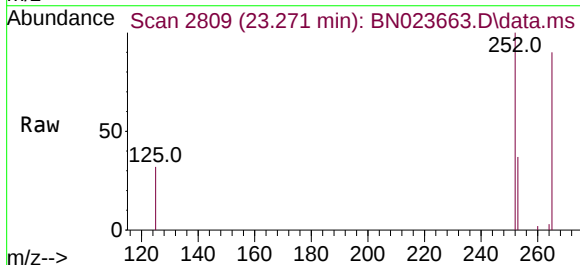
Tgt Ion:252 Resp: 3274

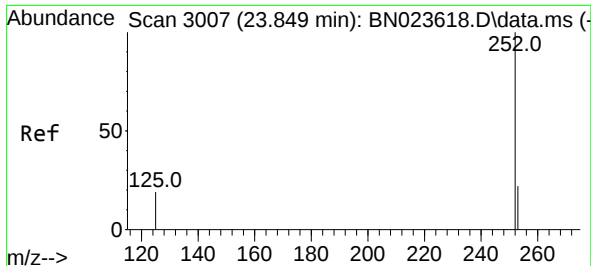
Ion Ratio Lower Upper

252 100

253 36.6 20.2 30.2#

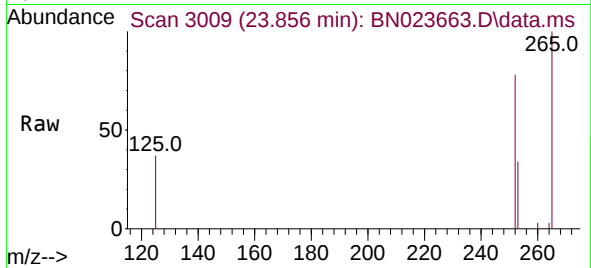
125 32.4 13.0 19.4#



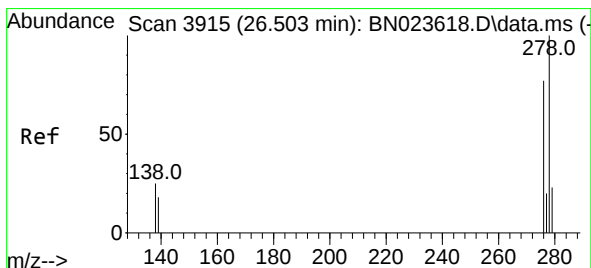
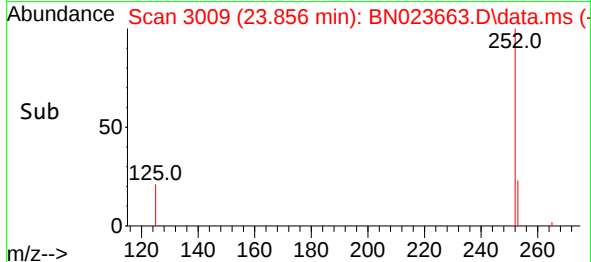
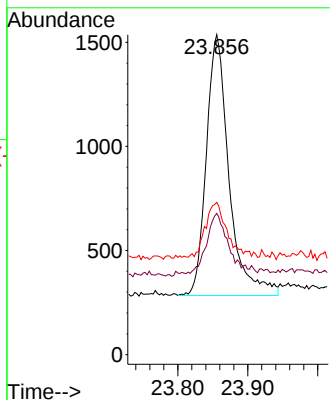


#39
Benzo(a)pyrene
Concen: 0.116 ng
RT: 23.856 min Scan# 3009
Delta R.T. 0.001 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

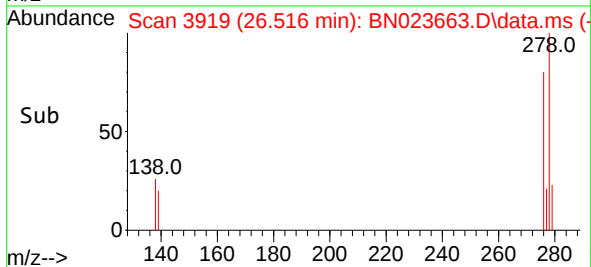
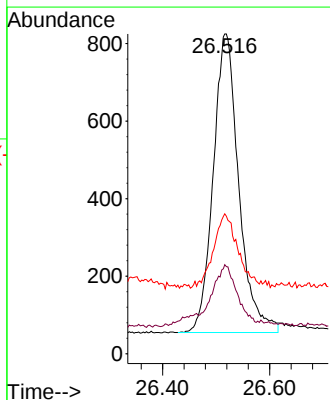
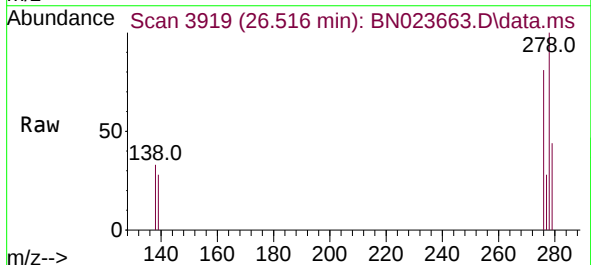


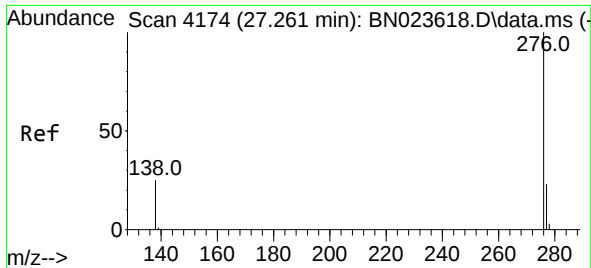
Tgt Ion:252 Resp: 2824
Ion Ratio Lower Upper
252 100
253 44.1 22.3 33.5#
125 47.6 21.2 31.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.094 ng
RT: 26.516 min Scan# 3919
Delta R.T. 0.007 min
Lab File: BN023663.D
Acq: 16 Jan 2023 13:47

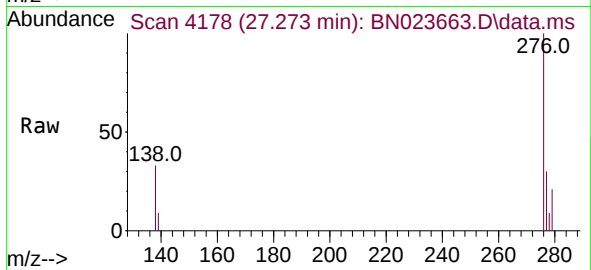
Tgt Ion:278 Resp: 2550
Ion Ratio Lower Upper
278 100
139 27.9 16.8 25.2#
279 43.8 21.5 32.3#





#41
 Benzo(g,h,i)perylene
 Concen: 0.108 ng
 RT: 27.273 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: BN023663.D
 Acq: 16 Jan 2023 13:47

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:276 Resp: 2988

Ion	Ratio	Lower	Upper
276	100		
277	29.6	19.6	29.4#
138	32.9	21.5	32.3#

