

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
 Data File : BN025570.D
 Acq On : 23 May 2023 11:48
 Operator : CG/JU
 Sample : 02213-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Quant Time: May 24 03:47:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 23 03:22:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : mohammad ahmed 05/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	3173	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	9409	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	5626	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	12380	0.400	ng	0.00
29) Chrysene-d12	21.620	240	9145	0.400	ng	0.00
35) Perylene-d12	24.133	264	9107	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.600	112	3055	0.374	ng	0.00
5) Phenol-d6	7.210	99	4037	0.392	ng	0.00
8) Nitrobenzene-d5	9.223	82	3097	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	12.464	152	6818	0.494	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	812	0.345	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	8866	0.363	ng	0.00
27) Fluoranthene-d10	19.460	212	14405	0.491	ng	0.00
31) Terphenyl-d14	20.053	244	7895	0.417	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.447	88	402	0.109	ng	# 95
3) n-Nitrosodimethylamine	3.808	42	287m	0.066	ng	
6) bis(2-Chloroethyl)ether	7.477	93	1059	0.112	ng	99
9) Naphthalene	10.931	128	2874	0.110	ng	# 93
10) Hexachlorobutadiene	11.219	225	502	0.110	ng	# 99
12) 2-Methylnaphthalene	12.536	142	1976	0.107	ng	98
16) Acenaphthylene	14.416	152	2926	0.106	ng	99
17) Acenaphthene	14.758	154	1962	0.103	ng	93
18) Fluorene	15.734	166	2532	0.106	ng	99
20) 4,6-Dinitro-2-methylph...	15.809	198	233	0.071	ng	# 25
21) 4-Bromophenyl-phenylether	16.628	248	811	0.111	ng	95
22) Hexachlorobenzene	16.740	284	783	0.120	ng	98
23) Atrazine	16.888	200	746	0.115	ng	# 93
24) Pentachlorophenol	17.087	266	236	0.064	ng	94
25) Phenanthrene	17.472	178	4436	0.111	ng	100
26) Anthracene	17.571	178	3881	0.107	ng	99
28) Fluoranthene	19.489	202	4804	0.109	ng	98
30) Pyrene	19.852	202	4840	0.117	ng	100
32) Benzo(a)anthracene	21.602	228	4108	0.114	ng	99
33) Chrysene	21.656	228	4224	0.113	ng	97
34) Bis(2-ethylhexyl)phtha...	21.512	149	2786	0.124	ng	100
36) Indeno(1,2,3-cd)pyrene	26.770	276	4575	0.110	ng	# 87
37) Benzo(b)fluoranthene	23.361	252	4347	0.119	ng	# 79
38) Benzo(k)fluoranthene	23.414	252	4232	0.113	ng	# 84
39) Benzo(a)pyrene	24.016	252	3758	0.111	ng	# 67
40) Dibenzo(a,h)anthracene	26.799	278	3663	0.108	ng	# 84
41) Benzo(g,h,i)perylene	27.583	276	3787	0.107	ng	91

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

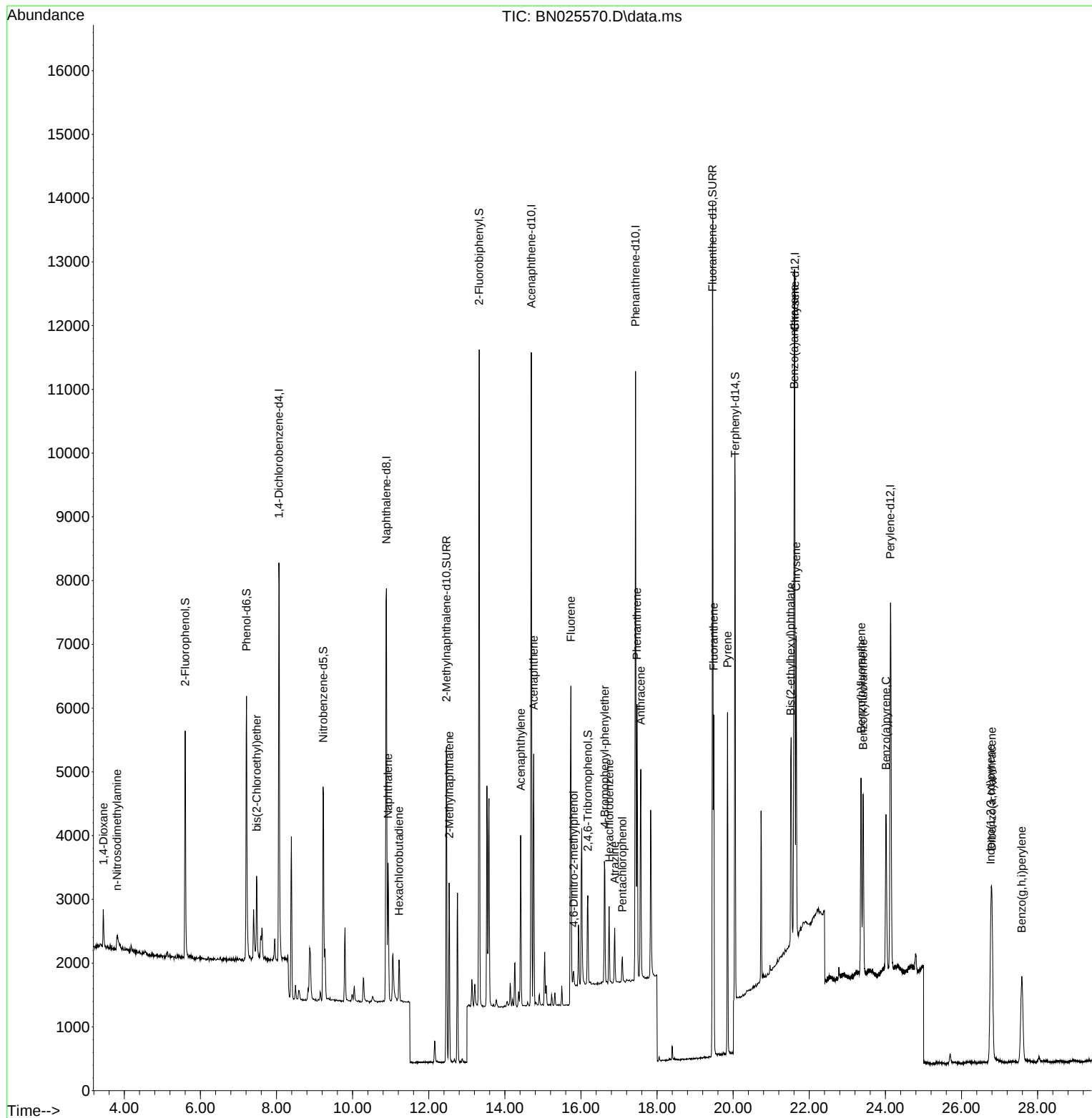
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
 Data File : BN025570.D
 Acq On : 23 May 2023 11:48
 Operator : CG/JU
 Sample : 02213-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 4 Sample Multiplier: 1

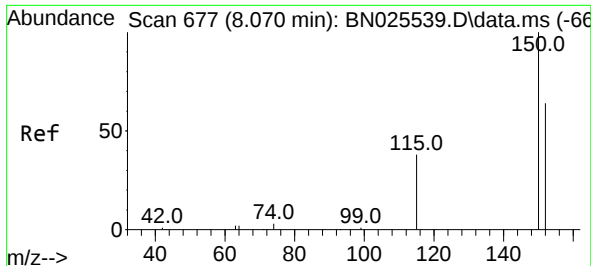
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Quant Time: May 24 03:47:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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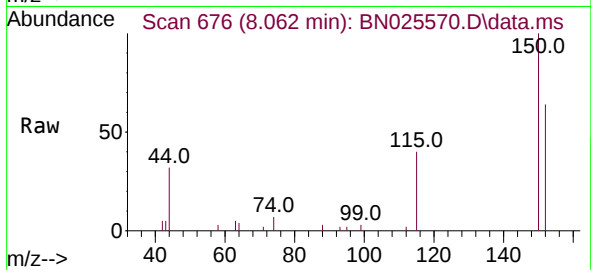
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

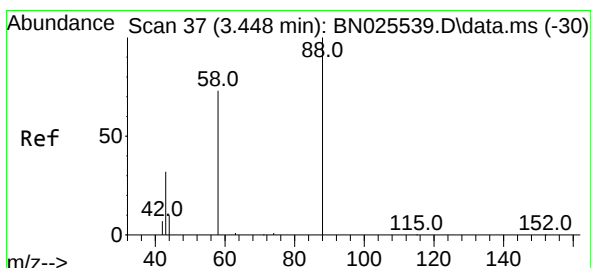
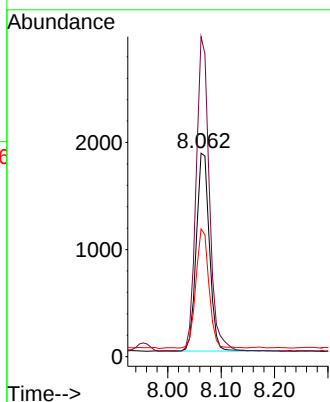
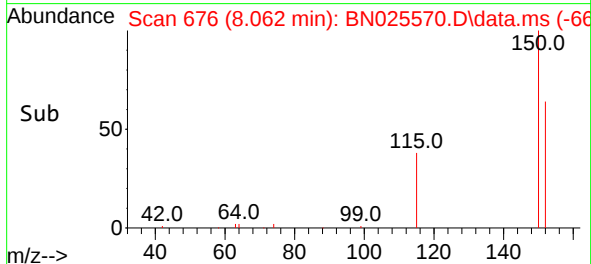
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:152 Resp: 317
Ion Ratio Lower Upper
152 100
150 157.2 124.6 187.0
115 62.8 49.1 73.7

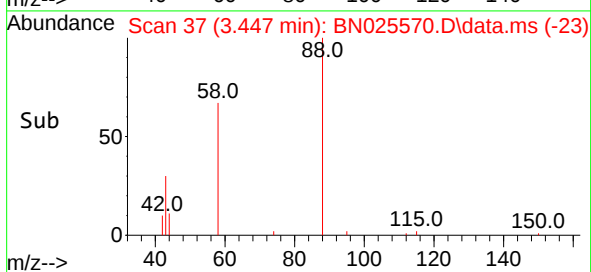
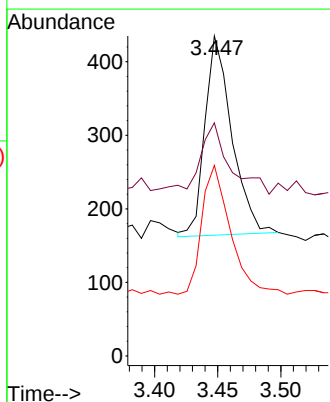
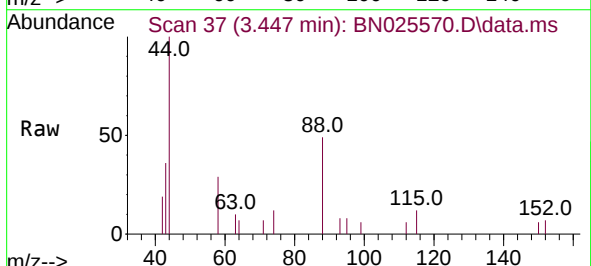
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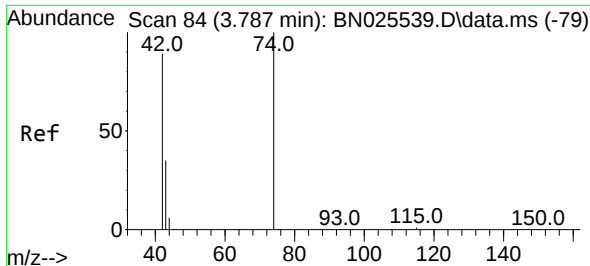
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#2
1,4-Dioxane
Concen: 0.109 ng
RT: 3.447 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

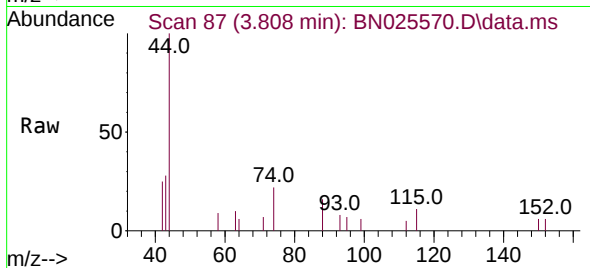
Tgt Ion: 88 Resp: 402
Ion Ratio Lower Upper
88 100
43 40.3 25.8 38.8
58 68.4 54.9 82.3





#3
n-Nitrosodimethylamine
Concen: 0.066 ng m
RT: 3.808 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

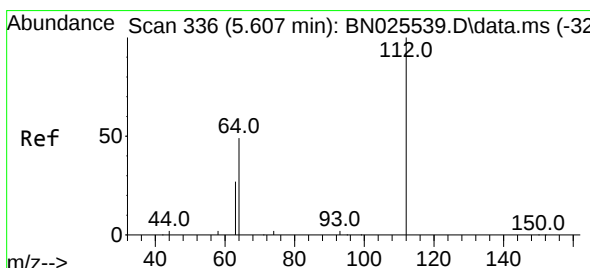
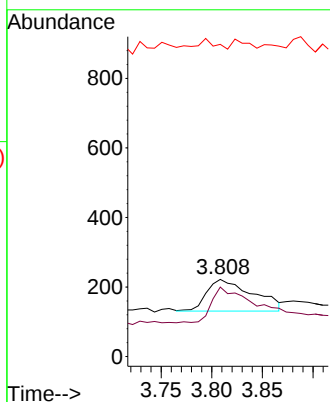
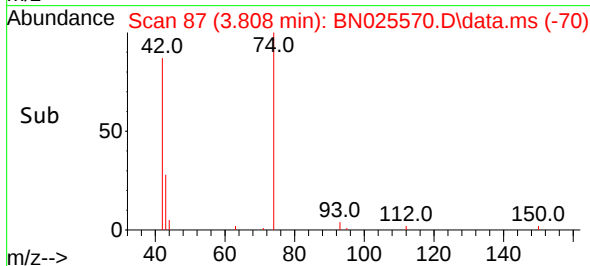
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion: 42 Resp: 28
Ion Ratio Lower Upper
42 100
74 0.0 89.7 134.5
44 9.8 7.5 11.3

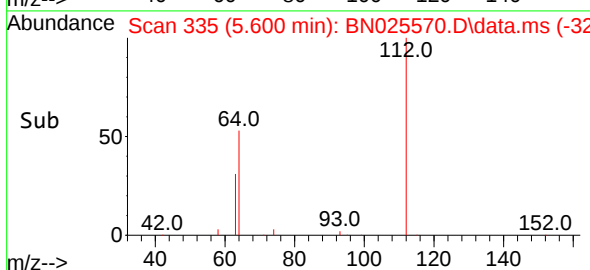
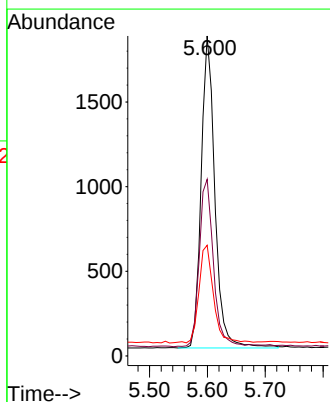
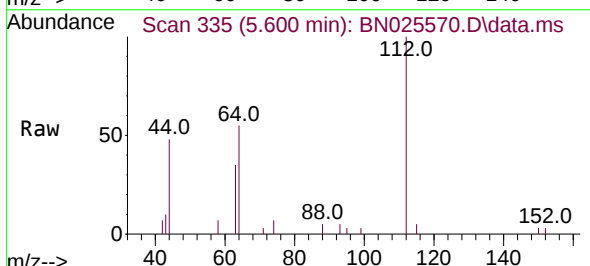
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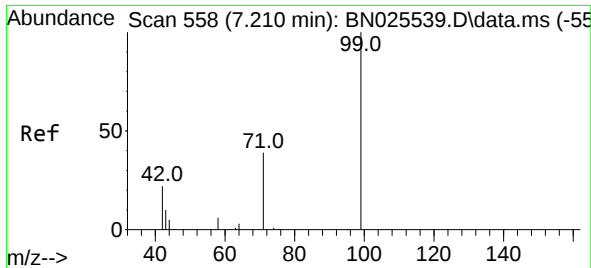
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.600 min Scan# 335
Delta R.T. -0.008 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

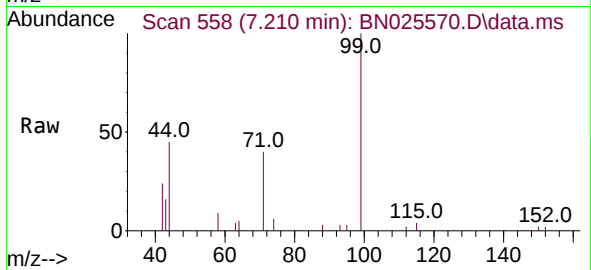
Tgt Ion:112 Resp: 3055
Ion Ratio Lower Upper
112 100
64 55.0 44.2 66.4
63 32.7 25.4 38.2





#5
Phenol-d6
Concen: 0.392 ng
RT: 7.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

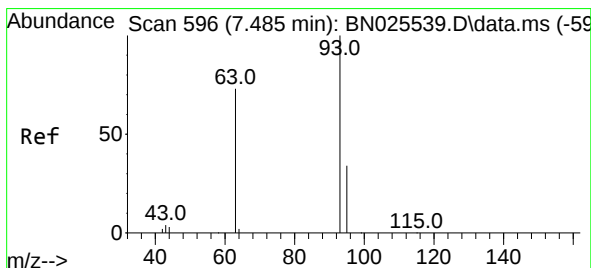
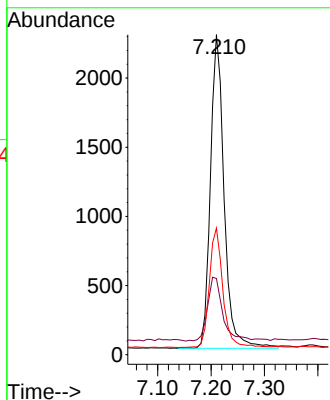
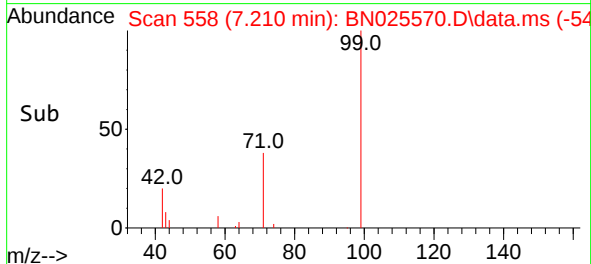
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion: 99 Resp: 403
Ion Ratio Lower Upper
99 100
42 22.6 17.5 26.3
71 38.0 30.1 45.1

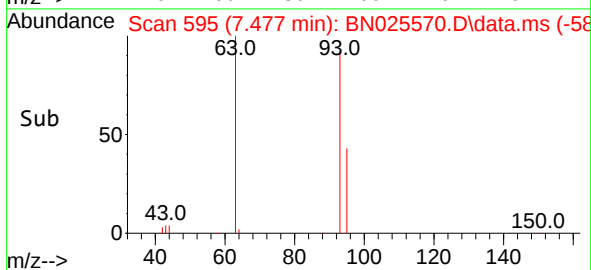
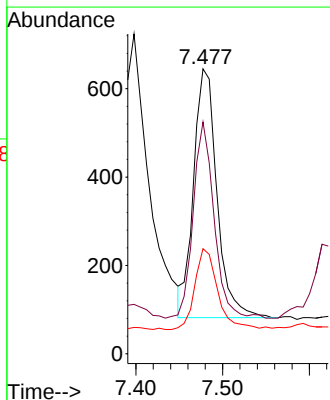
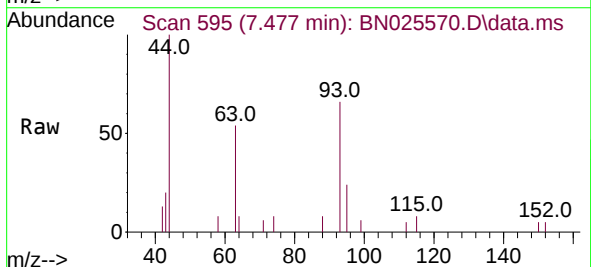
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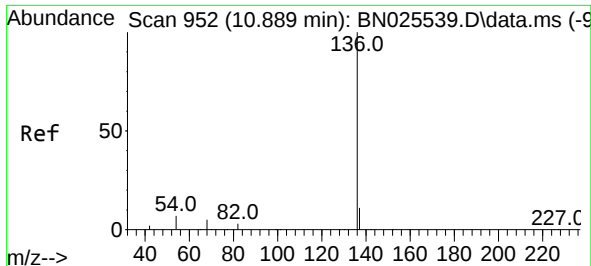
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.112 ng
RT: 7.477 min Scan# 595
Delta R.T. -0.008 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

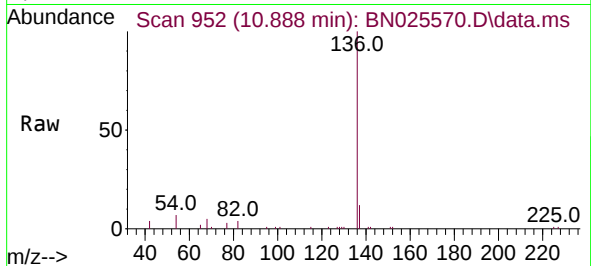
Tgt Ion: 93 Resp: 1059
Ion Ratio Lower Upper
93 100
63 70.3 56.9 85.3
95 32.1 24.9 37.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

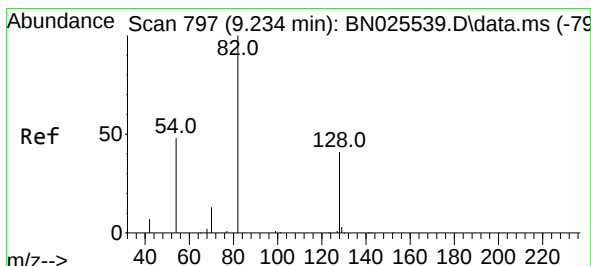
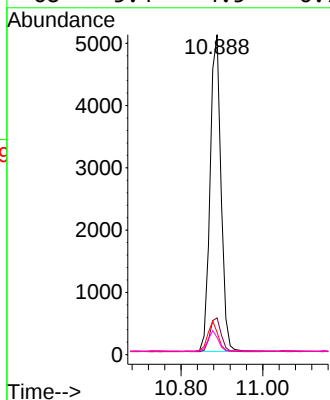
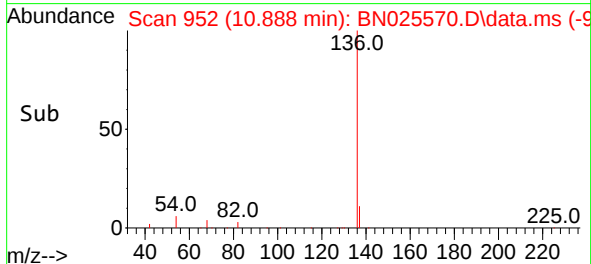
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:136 Resp: 9409
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.0 6.2 9.4
68 5.4 4.5 6.7

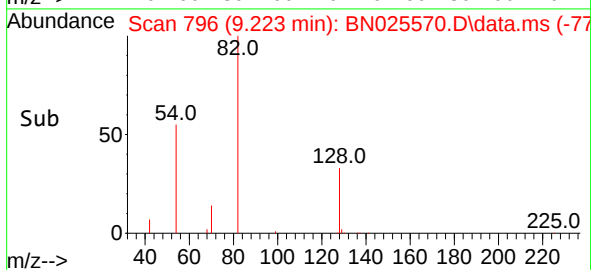
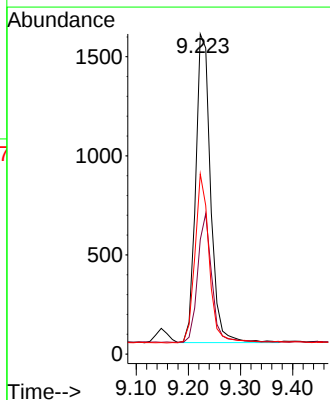
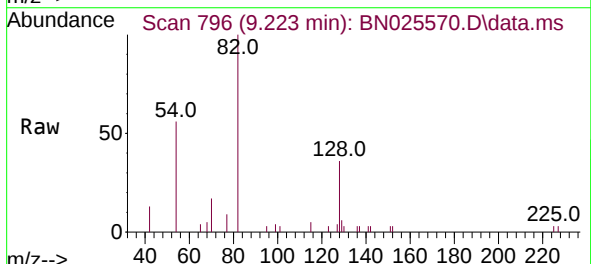
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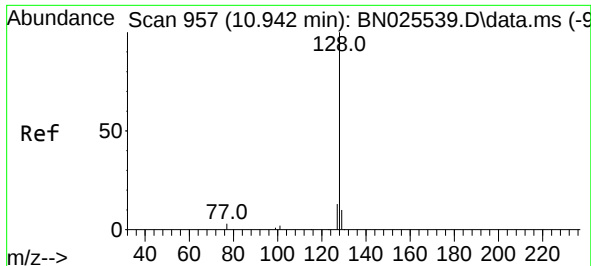
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.223 min Scan# 796
Delta R.T. -0.011 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion: 82 Resp: 3097
Ion Ratio Lower Upper
82 100
128 35.8 33.8 50.8
54 56.3 39.8 59.6





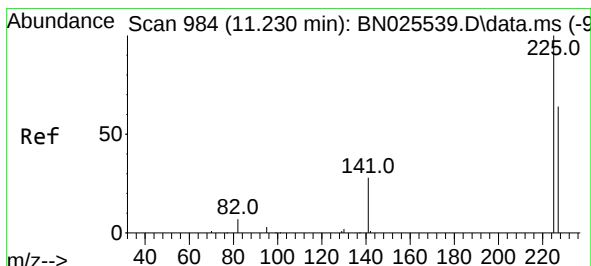
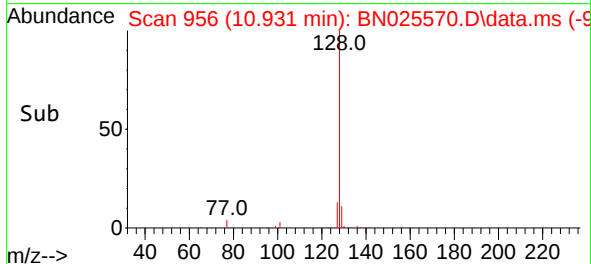
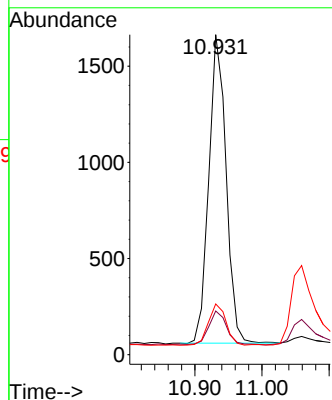
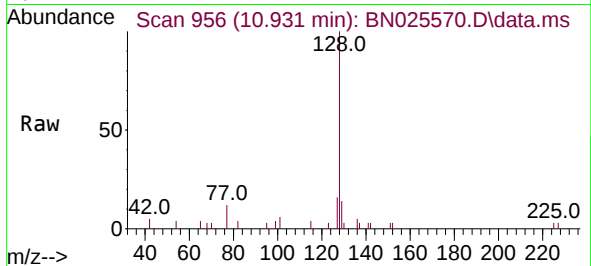
#9
Naphthalene
Concen: 0.110 ng
RT: 10.931 min Scan# 910
Delta R.T. -0.011 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Tgt Ion:128 Resp: 2874
Ion Ratio Lower Upper
128 100
129 13.6 8.8 13.2
127 15.9 10.6 15.8

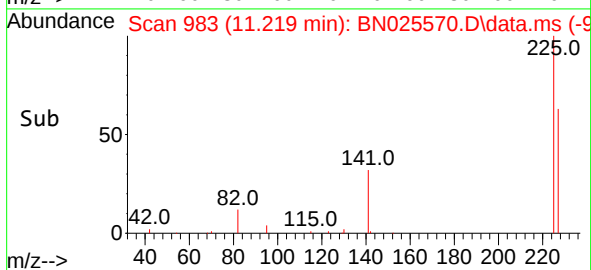
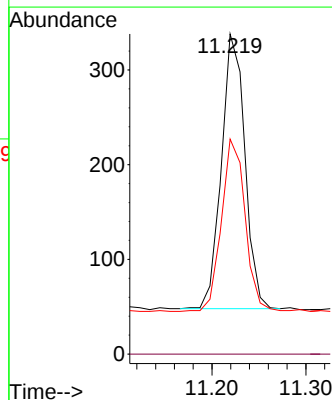
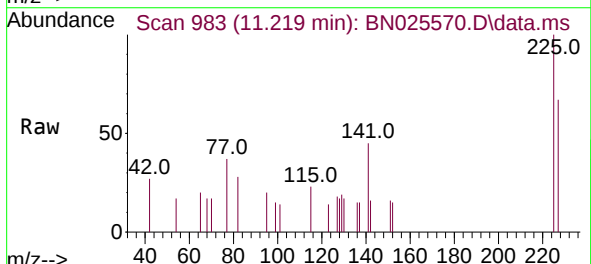
Manual Integrations
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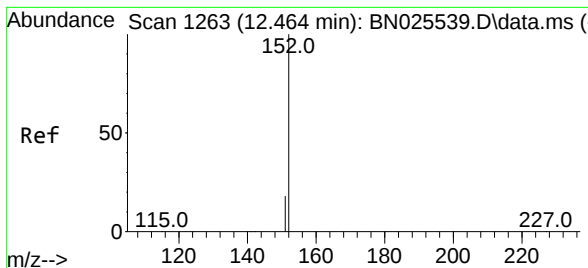
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#10
Hexachlorobutadiene
Concen: 0.110 ng
RT: 11.219 min Scan# 983
Delta R.T. -0.011 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

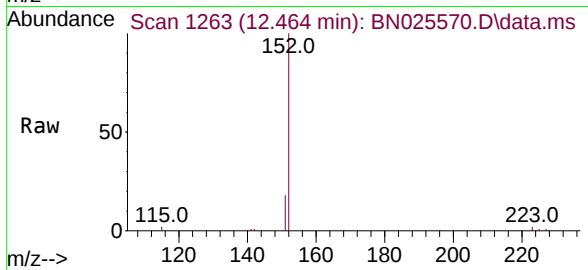
Tgt Ion:225 Resp: 502
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.3 51.0 76.6





#11
2-Methylnaphthalene-d10
Concen: 0.494 ng
RT: 12.464 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

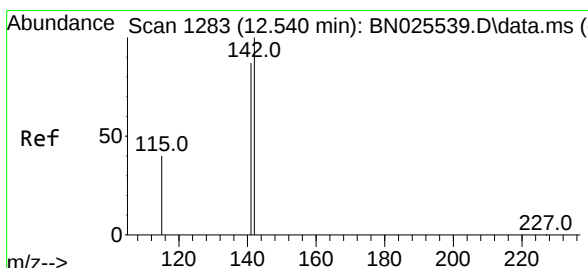
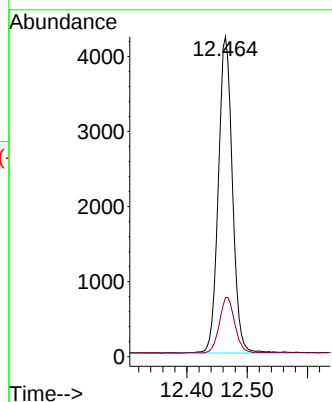
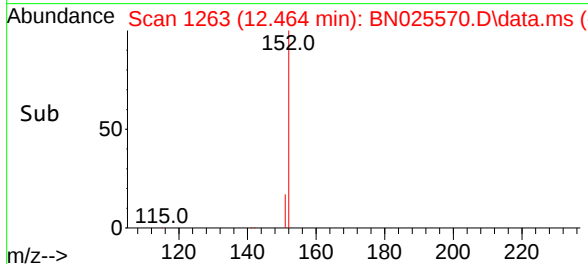
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT2-2023



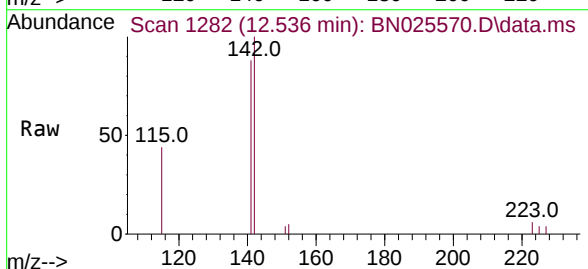
Tgt Ion:152 Resp: 6818
Ion Ratio Lower Upper
152 100
151 19.1 16.7 25.1

Manual Integrations
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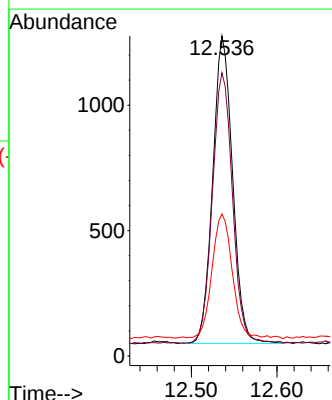
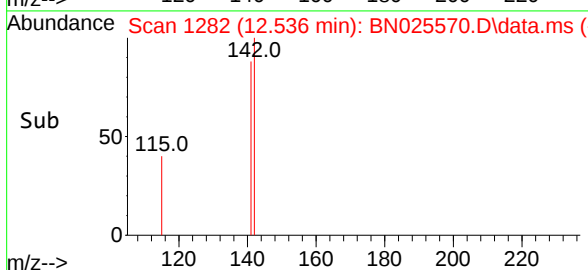
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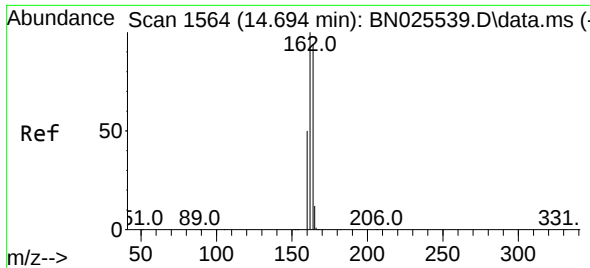


#12
2-Methylnaphthalene
Concen: 0.107 ng
RT: 12.536 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48



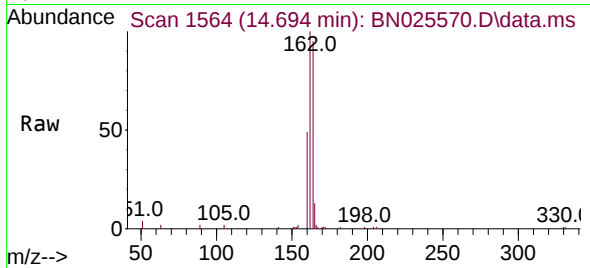
Tgt Ion:142 Resp: 1976
Ion Ratio Lower Upper
142 100
141 88.5 70.1 105.1
115 44.4 32.8 49.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

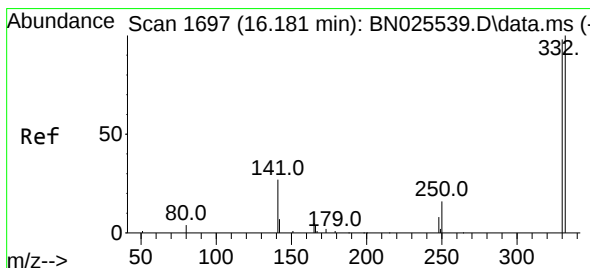
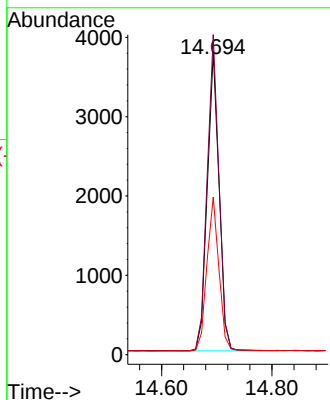
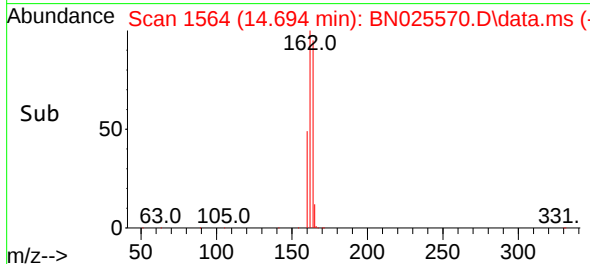
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:164 Resp: 5620
Ion Ratio Lower Upper
164 100
162 105.7 85.5 128.3
160 52.1 42.9 64.3

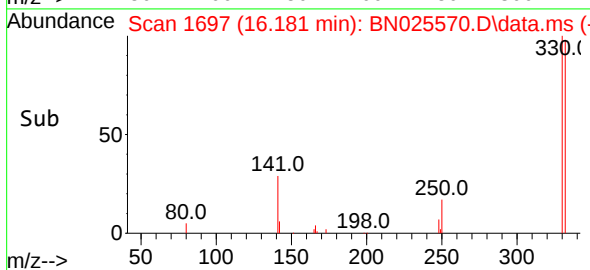
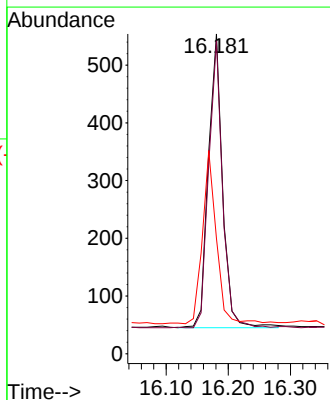
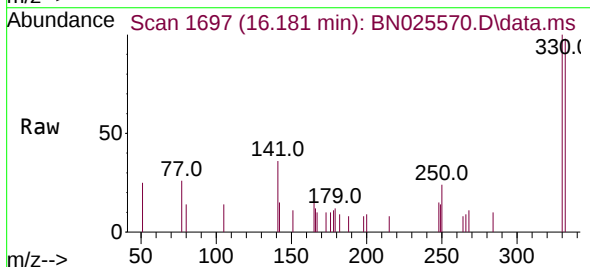
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APPROVED

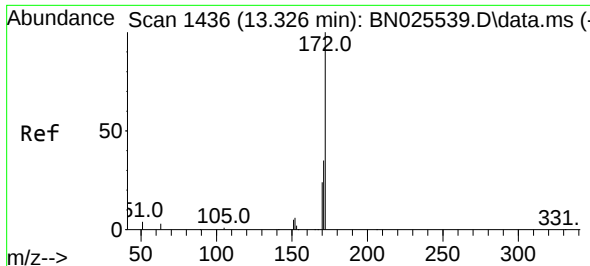
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

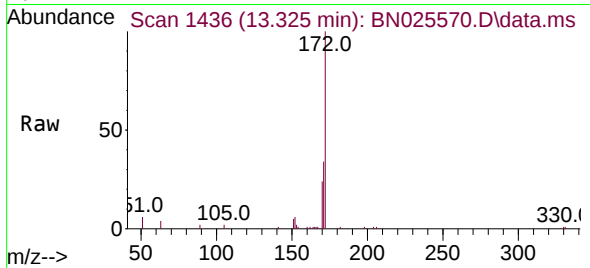
Tgt Ion:330 Resp: 812
Ion Ratio Lower Upper
330 100
332 94.7 76.7 115.1
141 56.8 43.0 64.6





#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.325 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

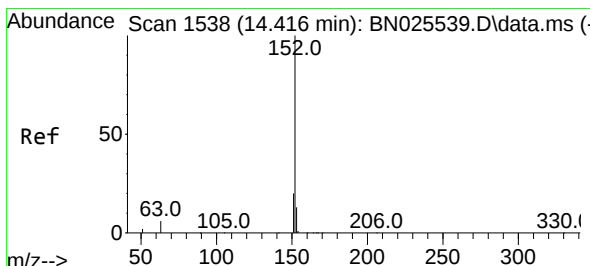
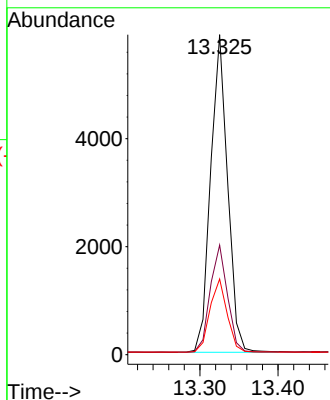
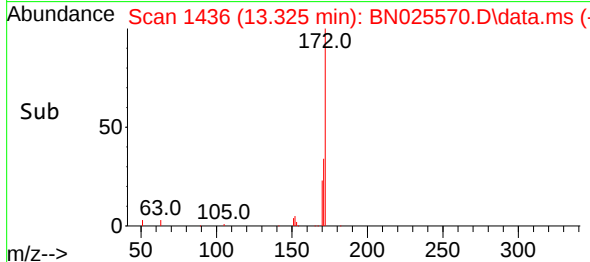
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



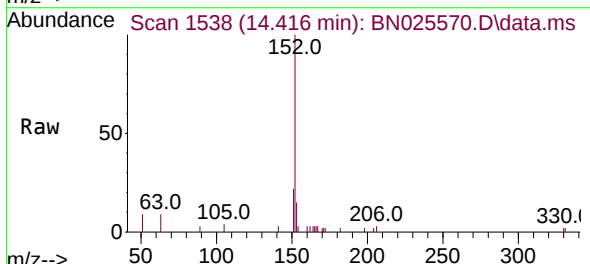
Tgt Ion:172 Resp: 8860
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.7 19.3 28.9

Manual Integrations
APPROVED

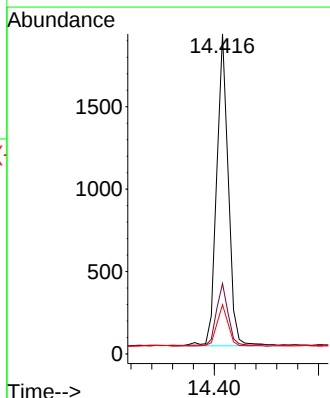
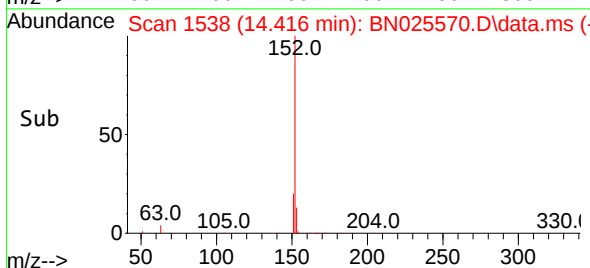
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

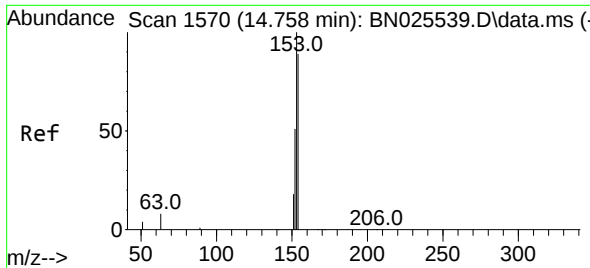


#16
Acenaphthylene
Concen: 0.106 ng
RT: 14.416 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48



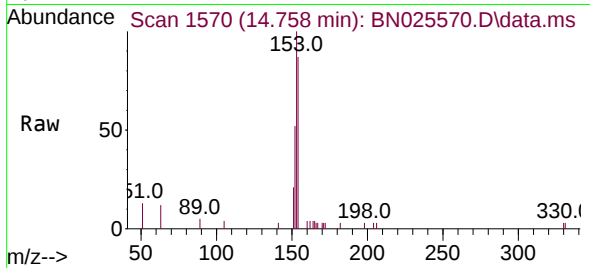
Tgt Ion:152 Resp: 2926
Ion Ratio Lower Upper
152 100
151 20.0 15.3 22.9
153 13.3 10.4 15.6





#17
Acenaphthene
Concen: 0.103 ng
RT: 14.758 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

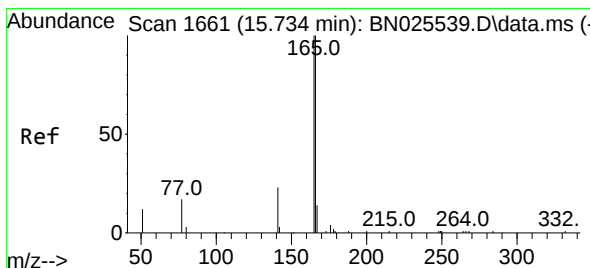
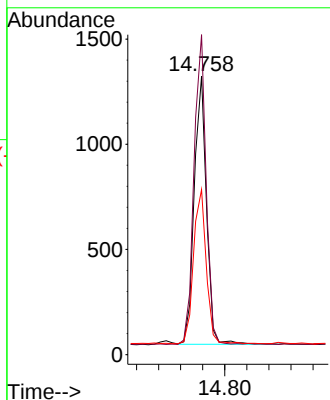
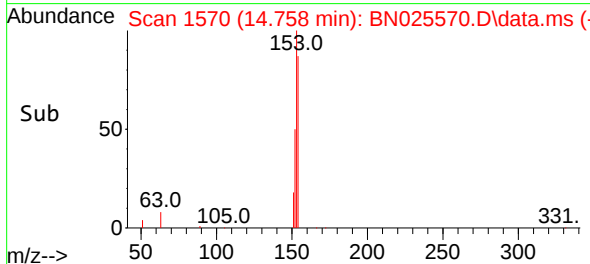
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:154 Resp: 1962
Ion Ratio Lower Upper
154 100
153 115.1 85.4 128.2
152 59.5 44.3 66.5

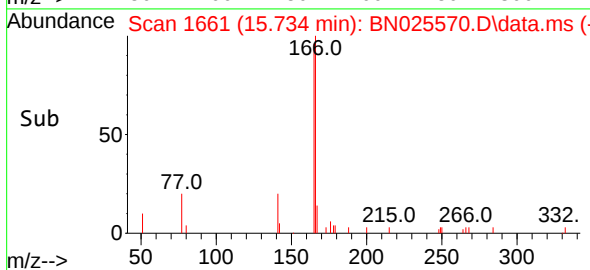
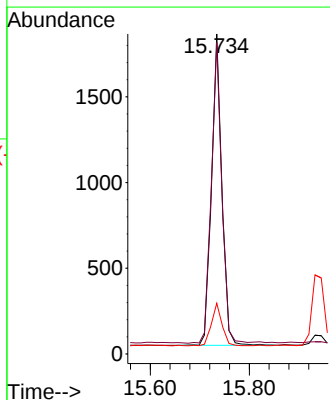
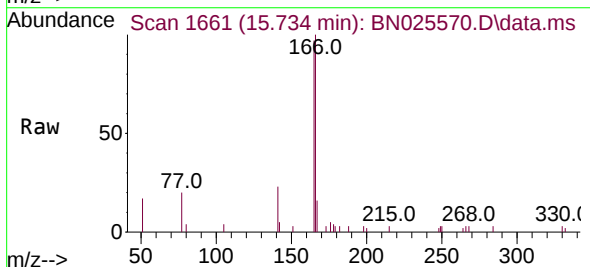
Manual Integrations
APPROVED

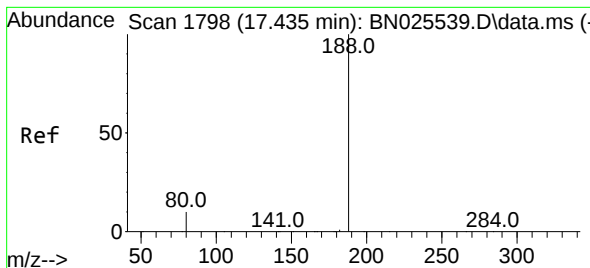
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#18
Fluorene
Concen: 0.106 ng
RT: 15.734 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion:166 Resp: 2532
Ion Ratio Lower Upper
166 100
165 97.9 79.1 118.7
167 13.9 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

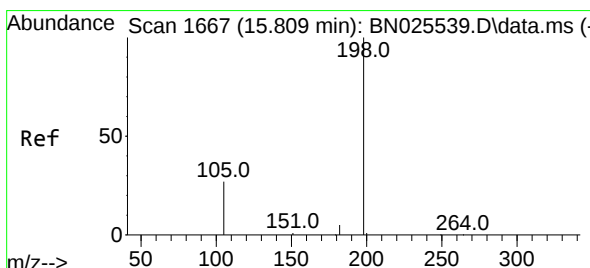
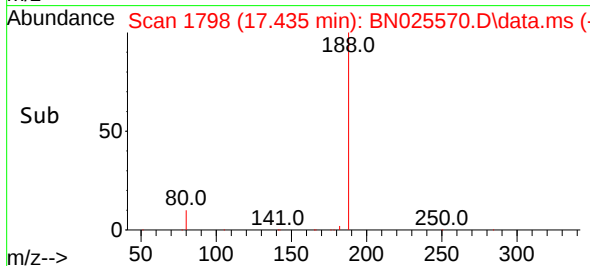
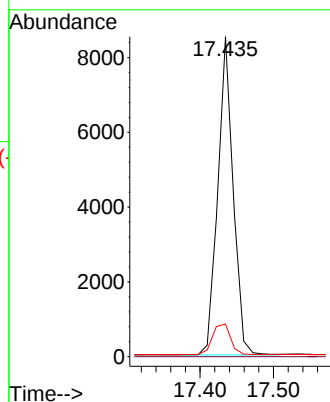
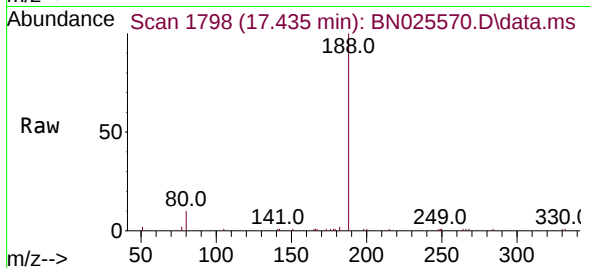
LOQ-SOIL-02-QT2-2023

Tgt Ion:	188	Resp:	12380
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#20

4,6-Dinitro-2-methylphenol

Concen: 0.071 ng

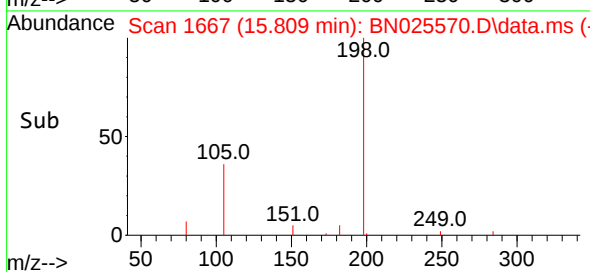
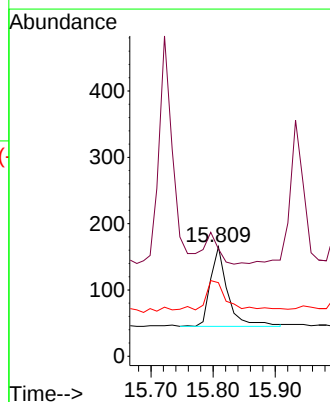
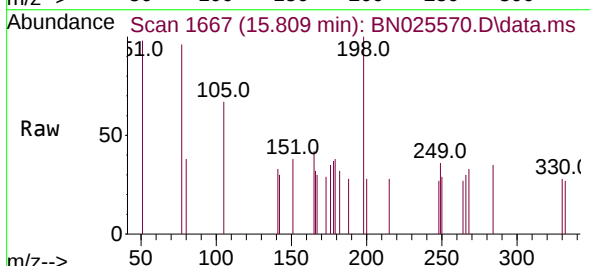
RT: 15.809 min Scan# 1667

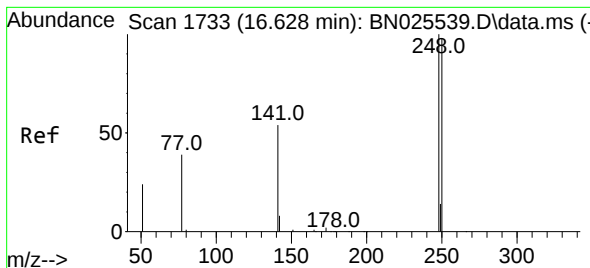
Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Tgt Ion:	198	Resp:	233
Ion Ratio	Lower	Upper	
198	100		
51	98.2	31.7	47.5#
105	67.3	29.2	43.8#





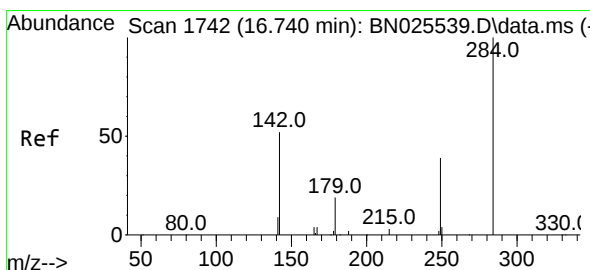
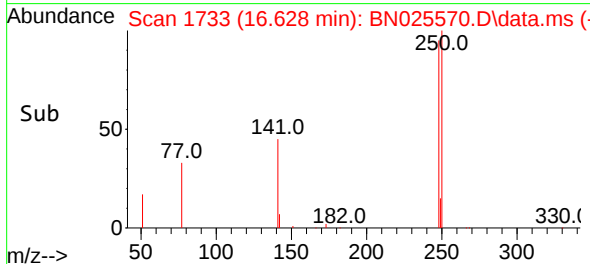
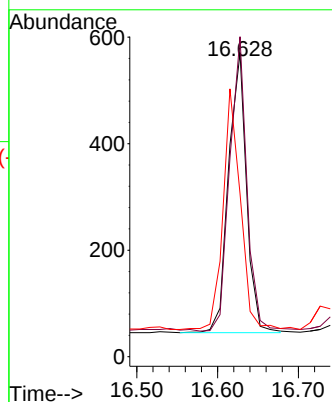
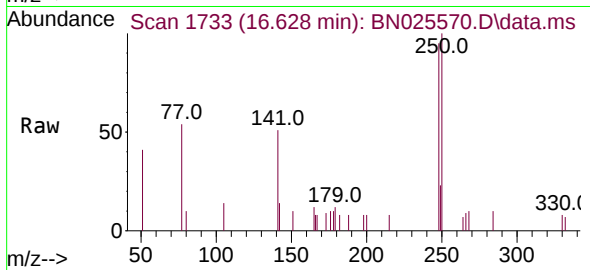
#21
4-Bromophenyl-phenylether
Concen: 0.111 ng
RT: 16.628 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Tgt Ion:248 Resp: 81
Ion Ratio Lower Upper
248 100
250 105.3 78.9 118.3
141 53.6 43.9 65.9

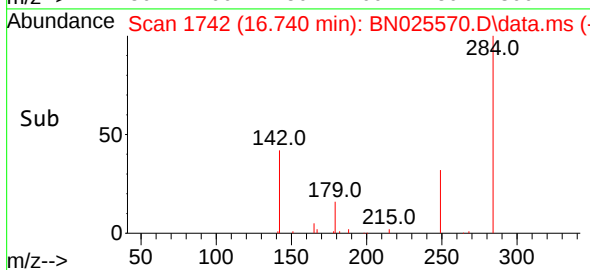
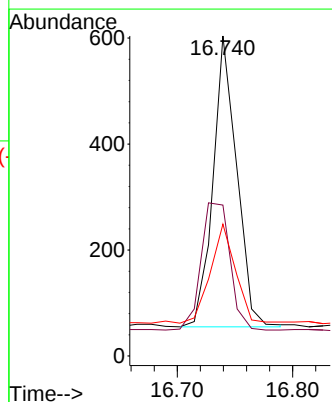
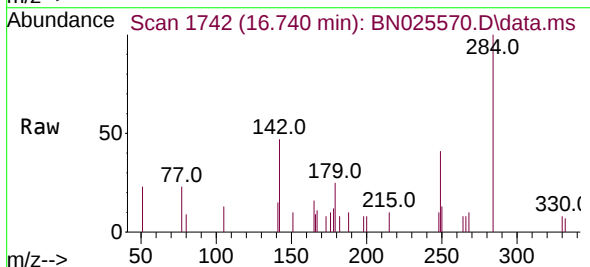
Manual Integrations
APPROVED

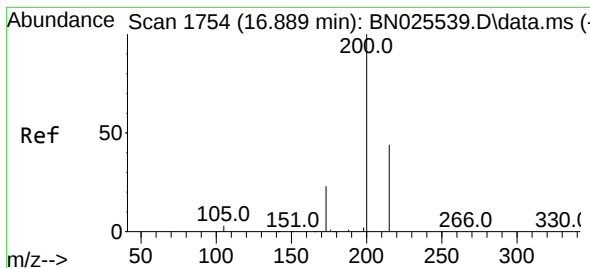
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#22
Hexachlorobenzene
Concen: 0.120 ng
RT: 16.740 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion:284 Resp: 783
Ion Ratio Lower Upper
284 100
142 53.4 41.6 62.4
249 36.3 28.3 42.5





#23

Atrazine

Concen: 0.115 ng

RT: 16.888 min Scan# 1754

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

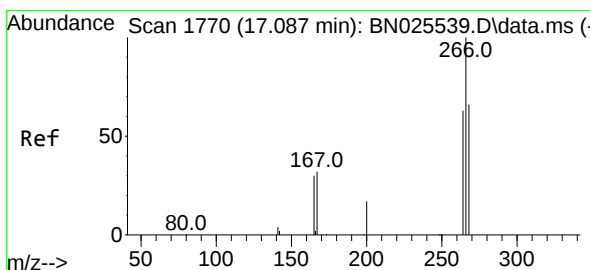
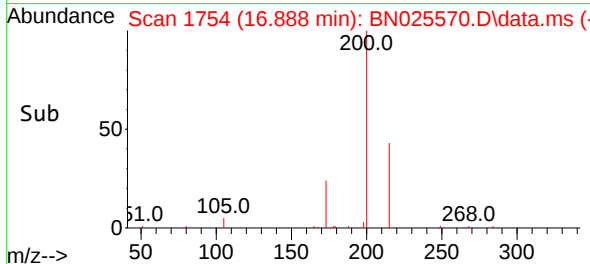
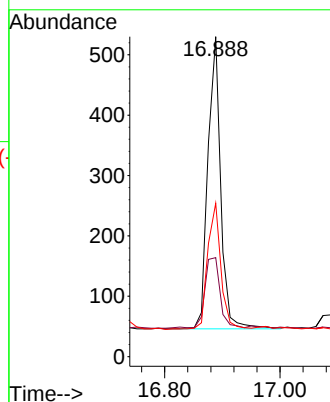
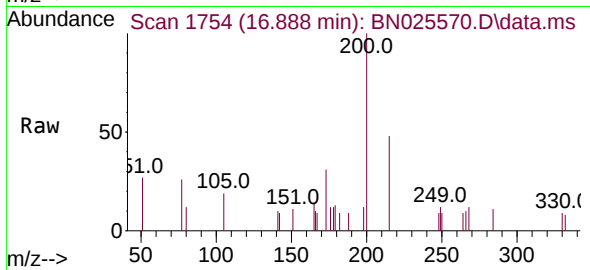
LOQ-SOIL-02-QT2-2023

Tgt Ion:	200	Resp:	740
Ion Ratio	Lower	Upper	
200	100		
173	30.9	20.2	30.4
215	47.9	35.8	53.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#24

Pentachlorophenol

Concen: 0.064 ng

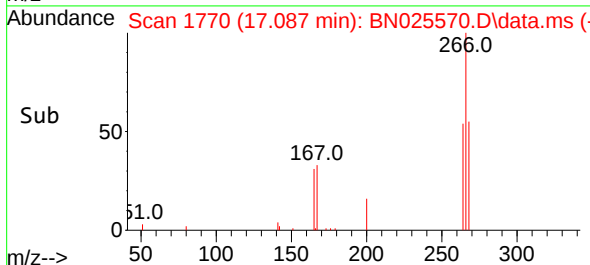
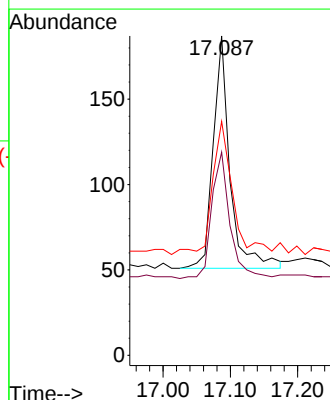
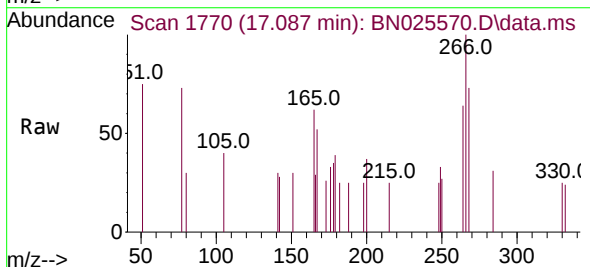
RT: 17.087 min Scan# 1770

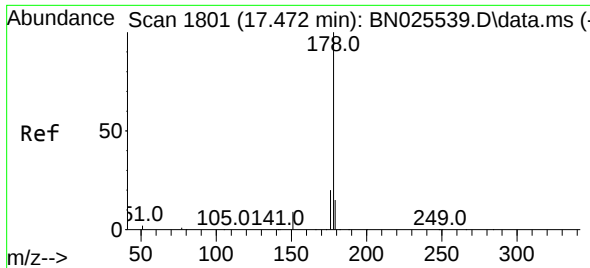
Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

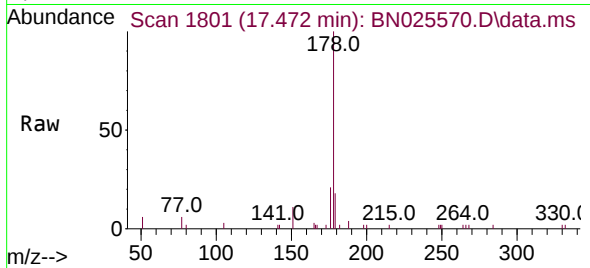
Tgt Ion:	266	Resp:	236
Ion Ratio	Lower	Upper	
266	100		
264	58.9	51.3	76.9
268	68.6	51.2	76.8





#25
Phenanthrene
Concen: 0.111 ng
RT: 17.472 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

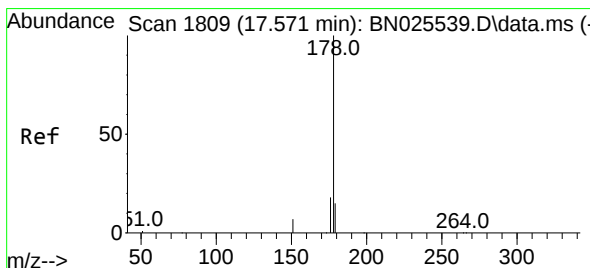
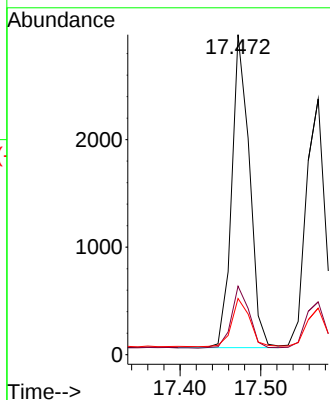
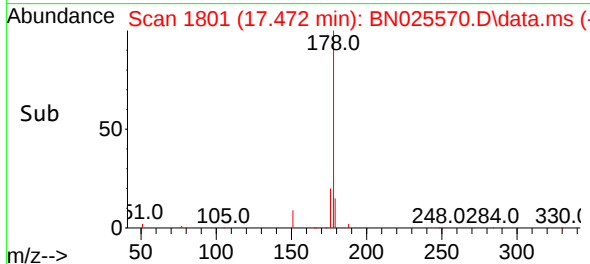
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT2-2023



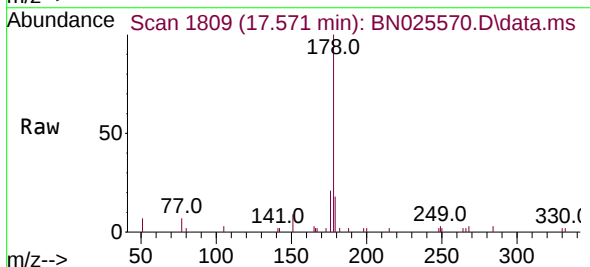
Tgt Ion:178 Resp: 4430
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.6 12.5 18.7

Manual Integrations
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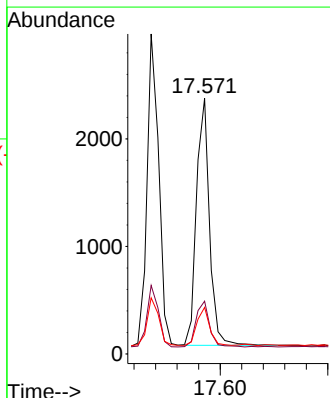
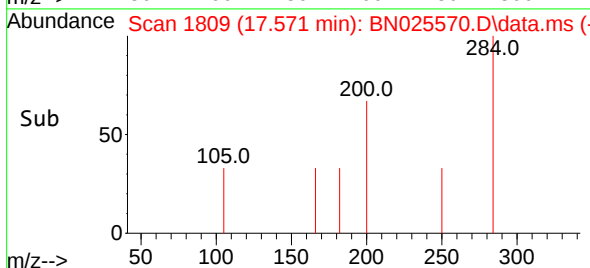
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

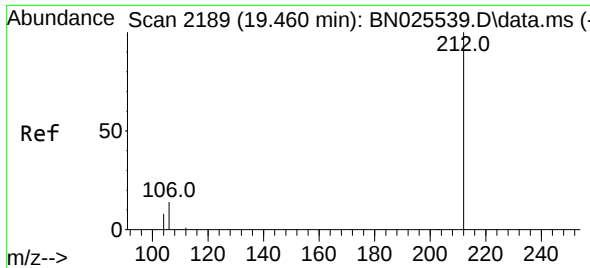


#26
Anthracene
Concen: 0.107 ng
RT: 17.571 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48



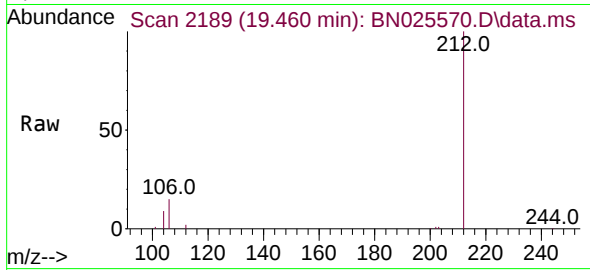
Tgt Ion:178 Resp: 3881
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 14.8 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.491 ng
RT: 19.460 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

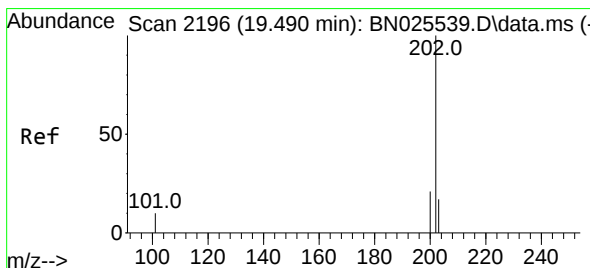
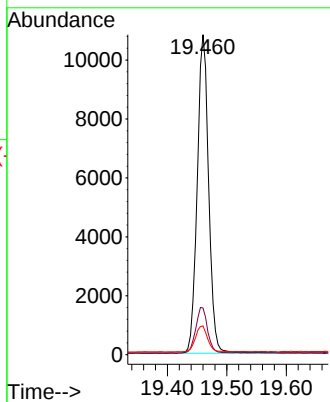
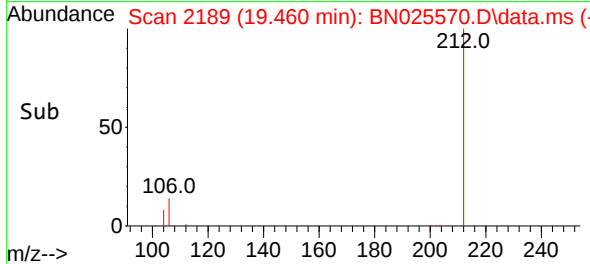
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:212 Resp: 1440
Ion Ratio Lower Upper
212 100
106 14.8 11.4 17.2
104 8.7 6.8 10.2

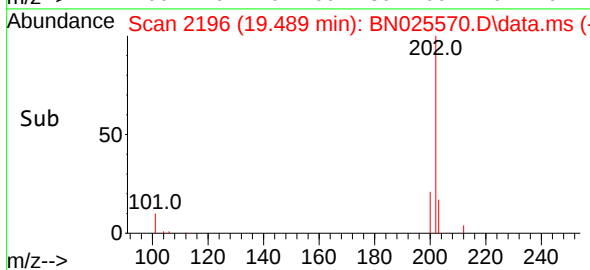
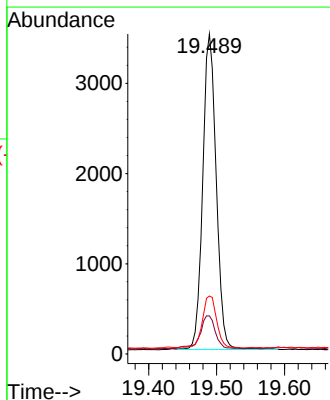
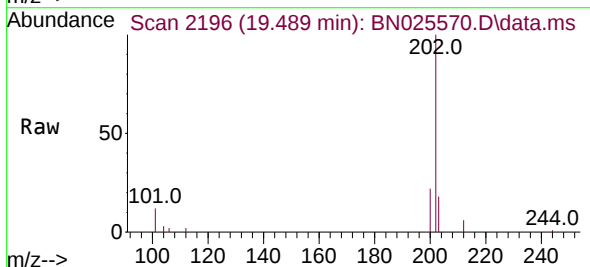
Manual Integrations
APPROVED

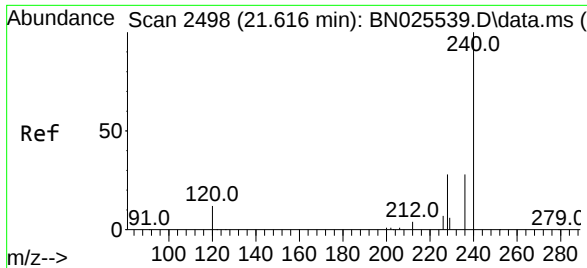
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#28
Fluoranthene
Concen: 0.109 ng
RT: 19.489 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

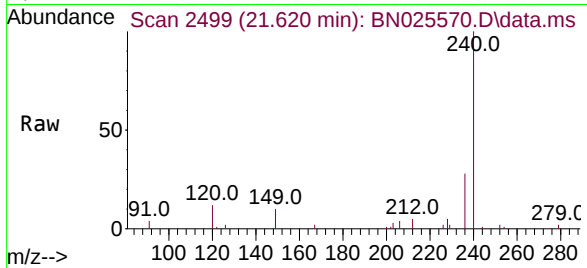
Tgt Ion:202 Resp: 4804
Ion Ratio Lower Upper
202 100
101 11.8 8.6 12.8
203 17.5 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

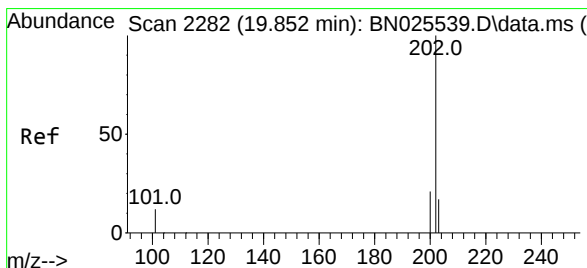
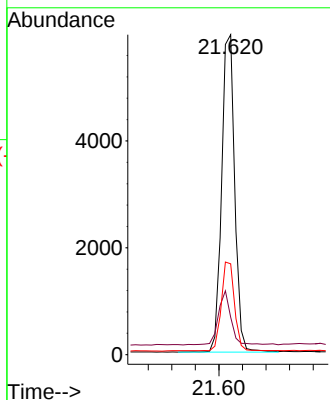
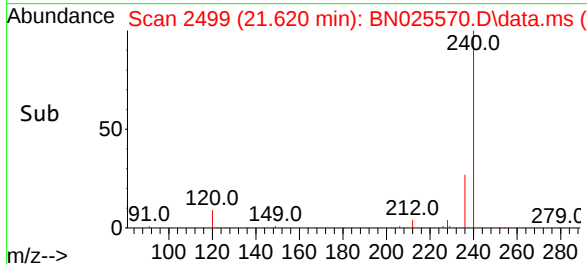
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:240 Resp: 9145
Ion Ratio Lower Upper
240 100
120 11.7 11.7 17.5
236 28.4 23.0 34.6

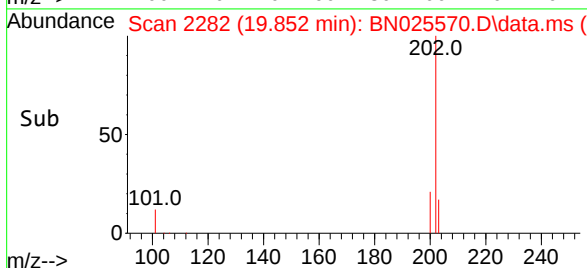
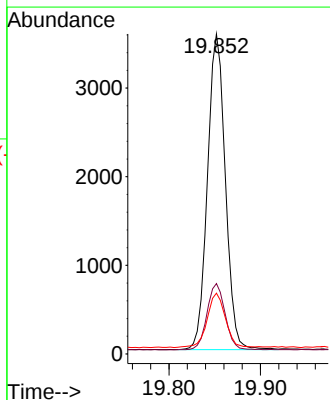
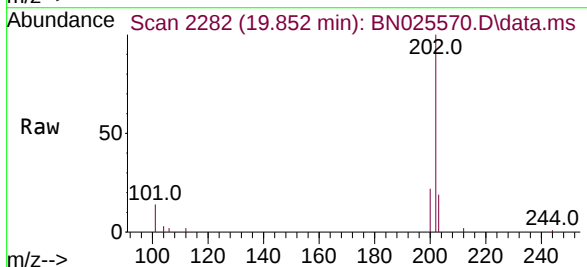
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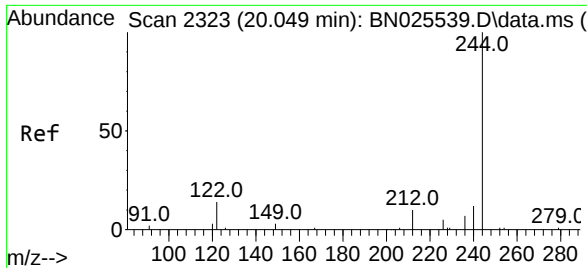
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#30
Pyrene
Concen: 0.117 ng
RT: 19.852 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

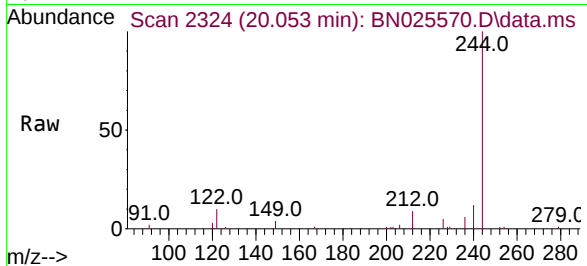
Tgt Ion:202 Resp: 4840
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 20.053 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN025570.D
 Acq: 23 May 2023 11:48

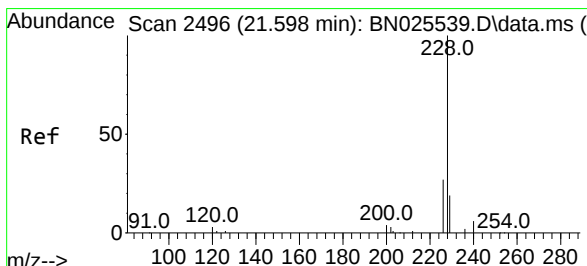
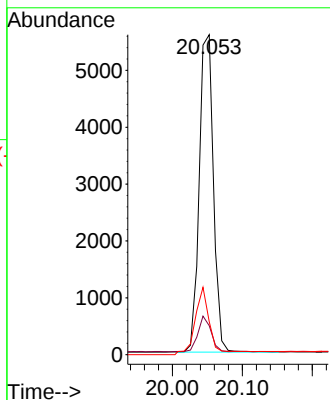
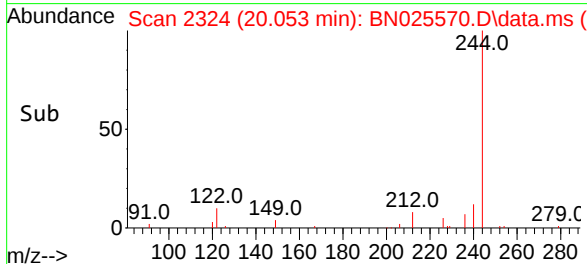
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023



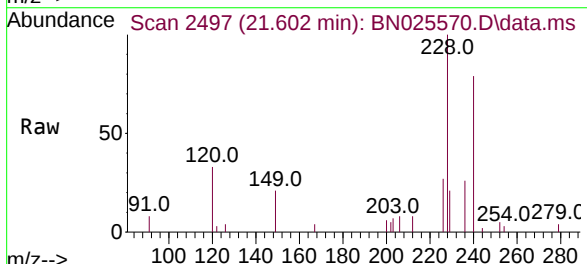
Tgt Ion:244 Resp: 789
 Ion Ratio Lower Upper
 244 100
 212 9.0 8.4 12.6
 122 10.3 11.4 17.0

Manual Integrations
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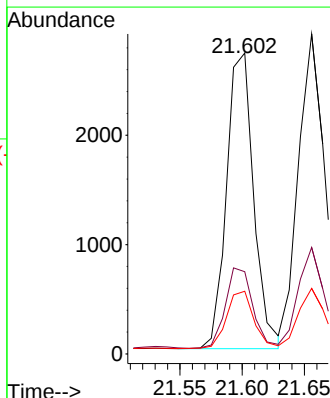
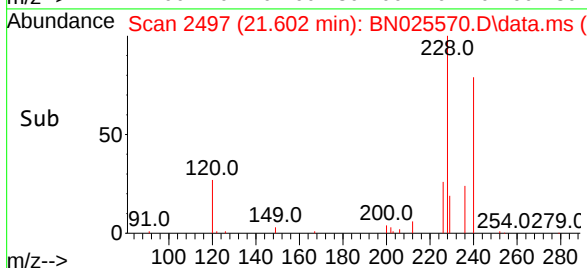
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

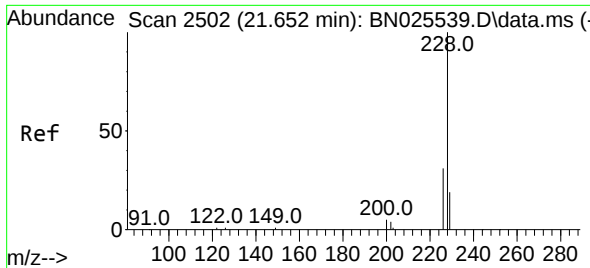


#32
 Benzo(a)anthracene
 Concen: 0.114 ng
 RT: 21.602 min Scan# 2497
 Delta R.T. 0.004 min
 Lab File: BN025570.D
 Acq: 23 May 2023 11:48



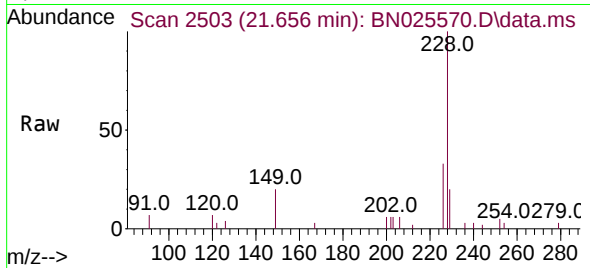
Tgt Ion:228 Resp: 4108
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.9 32.9
 229 20.8 15.4 23.2





#33
Chrysene
Concen: 0.113 ng
RT: 21.656 min Scan# 21656
Delta R.T. 0.004 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

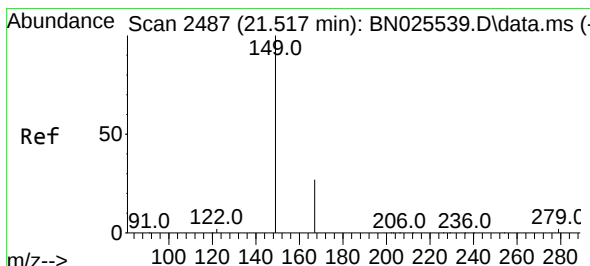
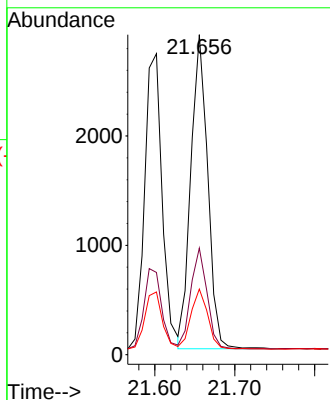
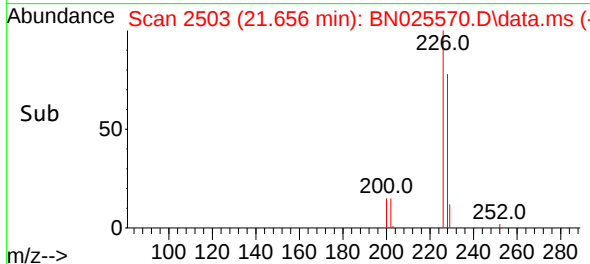
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



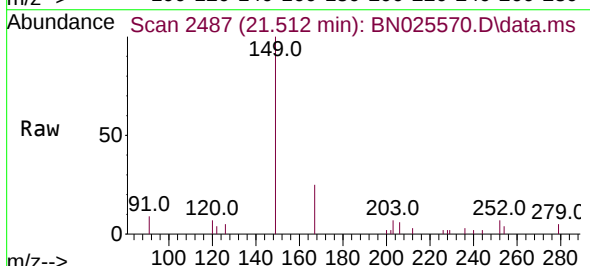
Tgt Ion:228 Resp: 4224
Ion Ratio Lower Upper
228 100
226 33.3 24.7 37.1
229 20.5 15.7 23.5

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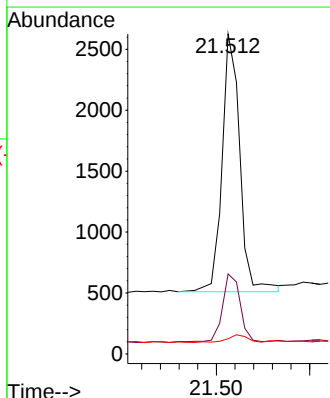
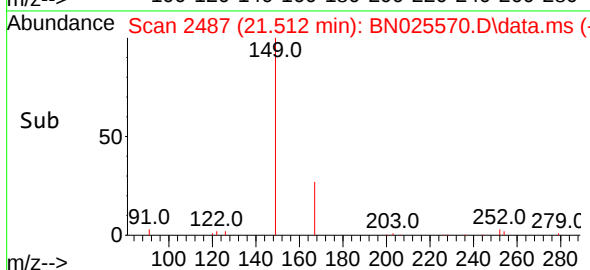
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

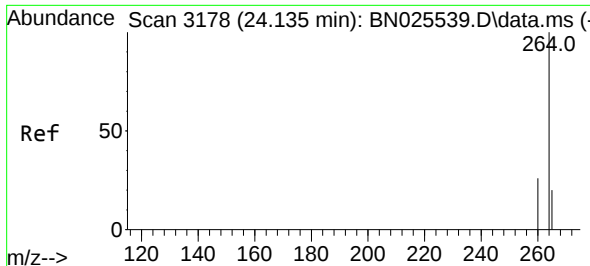


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.124 ng
RT: 21.512 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48



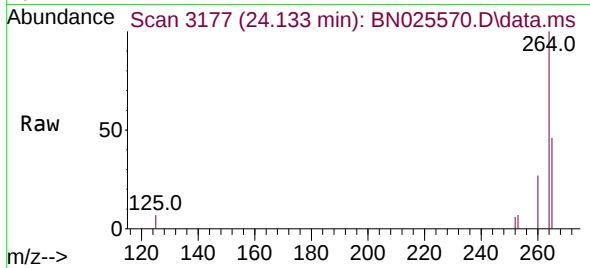
Tgt Ion:149 Resp: 2786
Ion Ratio Lower Upper
149 100
167 27.1 21.5 32.3
279 3.2 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.133 min Scan# 3177
 Delta R.T. -0.002 min
 Lab File: BN025570.D
 Acq: 23 May 2023 11:48

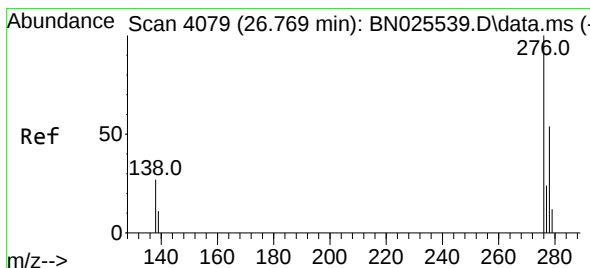
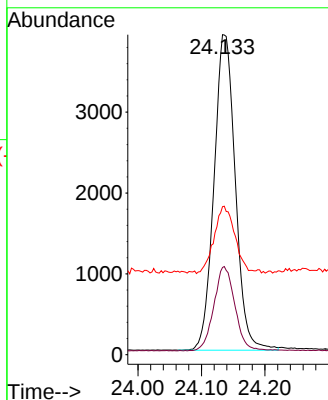
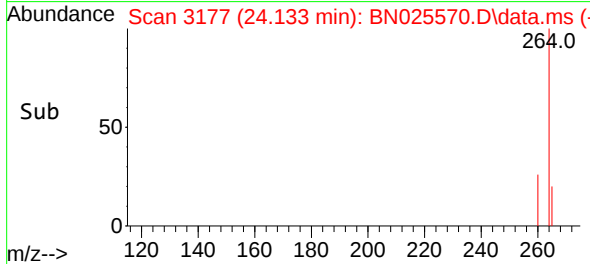
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023



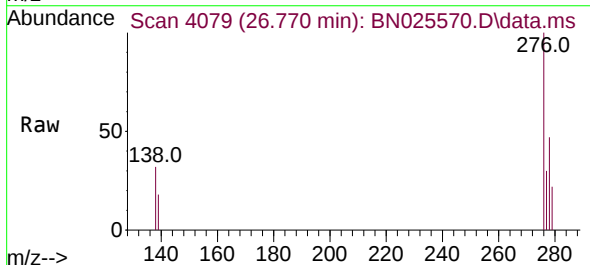
Tgt Ion:264 Resp: 910
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.1 31.7
 265 46.2 35.5 53.3

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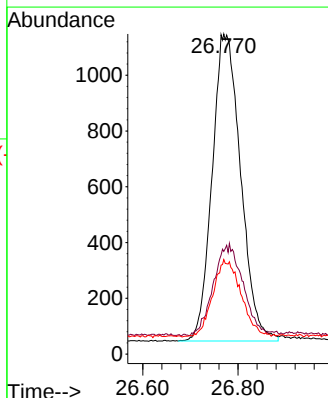
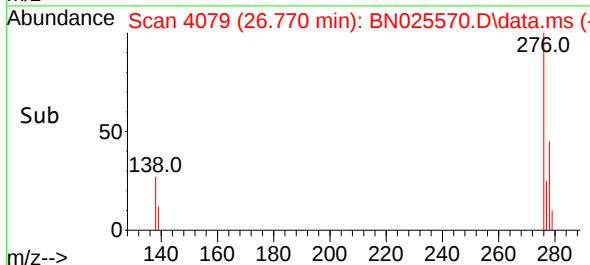
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

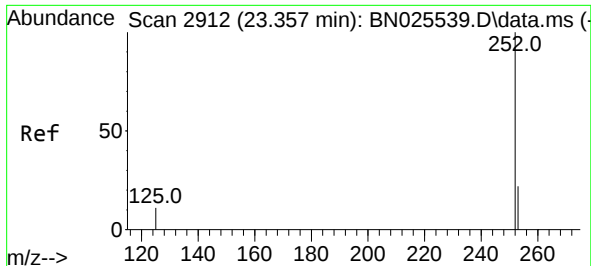


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.110 ng
 RT: 26.770 min Scan# 4079
 Delta R.T. 0.001 min
 Lab File: BN025570.D
 Acq: 23 May 2023 11:48



Tgt Ion:276 Resp: 4575
 Ion Ratio Lower Upper
 276 100
 138 15.7 22.8 34.2#
 277 25.2 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.119 ng

RT: 23.361 min Scan# 2912

Delta R.T. 0.004 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BN025570.D

ClientSampleId :

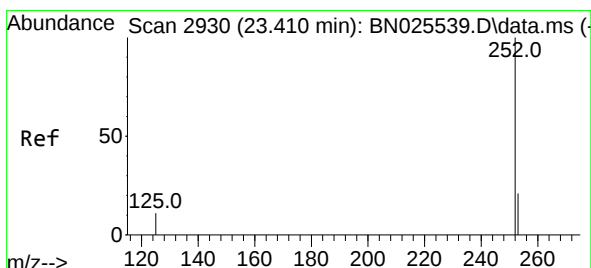
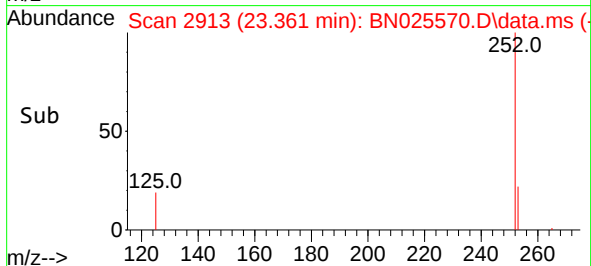
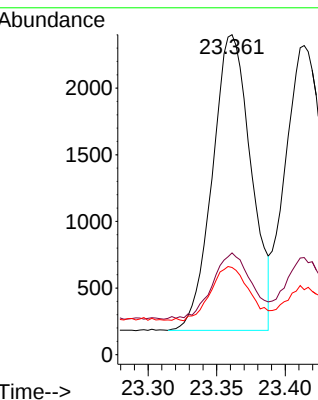
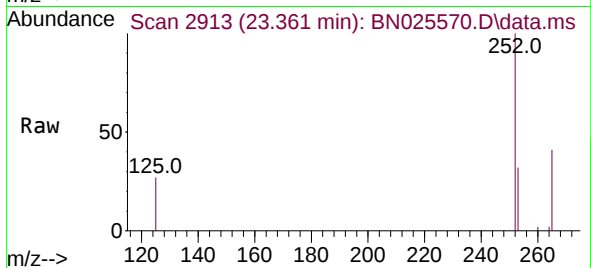
LOQ-SOIL-02-QT2-2023

Tgt Ion:	252	Resp:	434
Ion Ratio	Lower	Upper	
252	100		
253	31.8	19.7	29.5
125	27.2	11.3	16.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#38

Benzo(k)fluoranthene

Concen: 0.113 ng

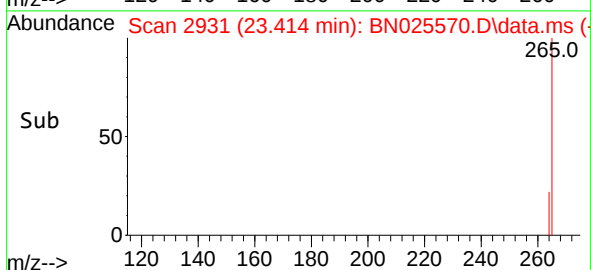
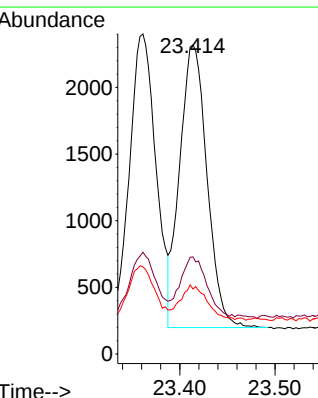
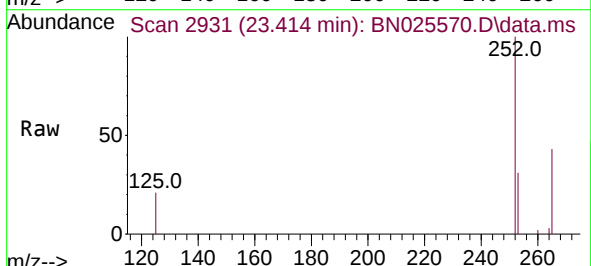
RT: 23.414 min Scan# 2931

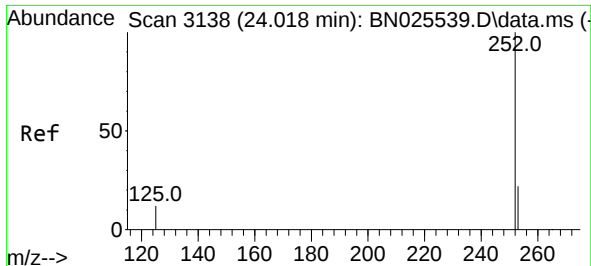
Delta R.T. 0.004 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Tgt Ion:	252	Resp:	4232
Ion Ratio	Lower	Upper	
252	100		
253	31.4	19.4	29.2
125	21.0	10.9	16.3





#39

Benzo(a)pyrene

Concen: 0.111 ng

RT: 24.016 min Scan# 3138

Delta R.T. -0.002 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

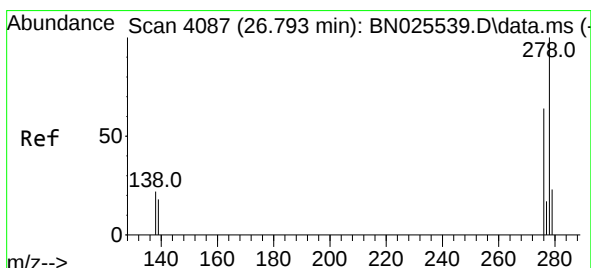
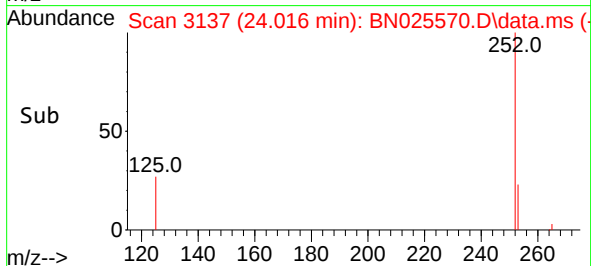
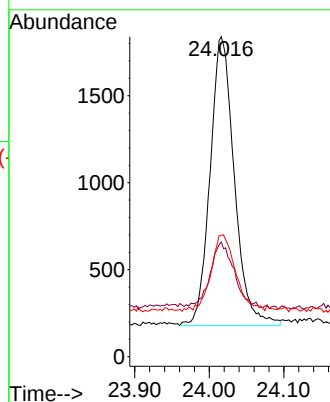
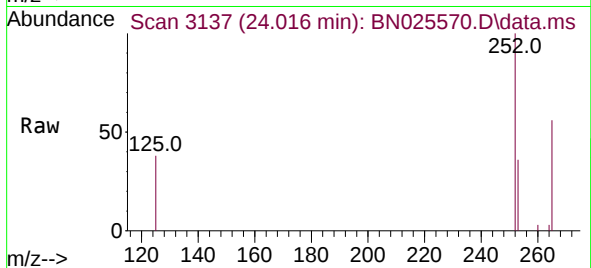
LOQ-SOIL-02-QT2-2023

Tgt Ion:	252	Resp:	3758
Ion Ratio	Lower	Upper	
252	100		
253	35.8	20.3	30.5
125	38.0	12.7	19.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.108 ng

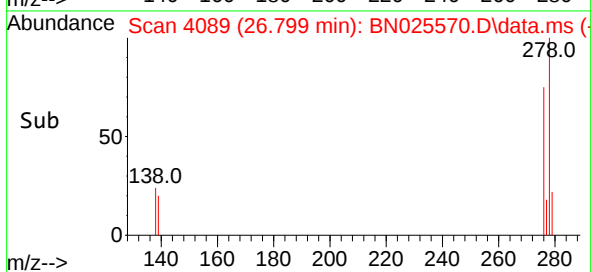
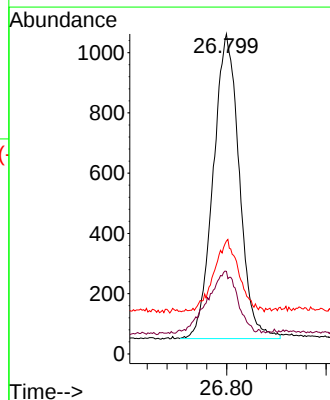
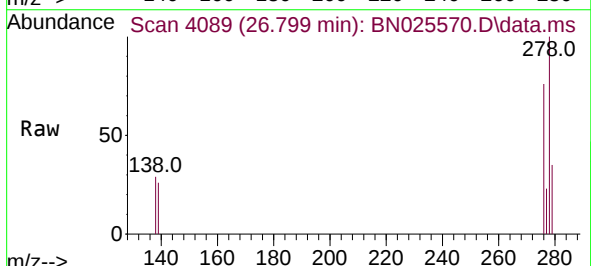
RT: 26.799 min Scan# 4089

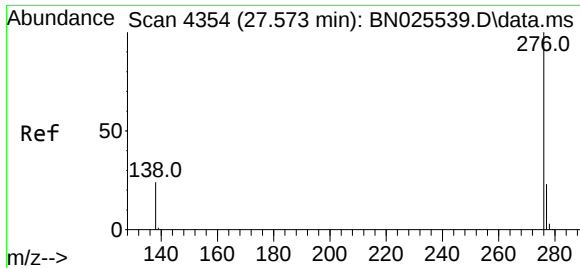
Delta R.T. 0.007 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

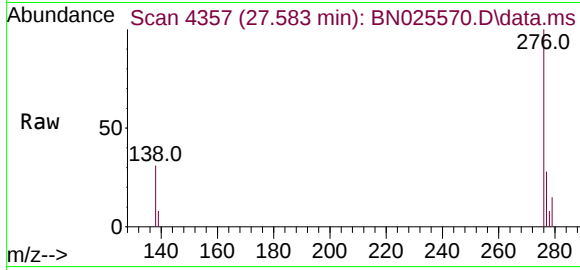
Tgt Ion:	278	Resp:	3663
Ion Ratio	Lower	Upper	
278	100		
139	25.8	15.8	23.6
279	35.3	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.107 ng
RT: 27.583 min Scan# 41
Delta R.T. 0.010 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:276 Resp: 378
Ion Ratio Lower Upper
276 100
277 28.3 19.3 28.9
138 30.8 20.6 30.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

