

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
 Data File : BN025574.D
 Acq On : 23 May 2023 15:48
 Operator : CG/JU
 Sample : 02213-01
 Misc : LOD-MDL-SOIL-0.1ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Quant Time: May 24 03:48:50 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	8.063	152	3524	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	10331	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6000	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	13324	0.400	ng	0.00
29) Chrysene-d12	21.611	240	9635	0.400	ng	0.00
35) Perylene-d12	24.119	264	10370	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.600	112	3312	0.365	ng	0.00
5) Phenol-d6	7.211	99	4338	0.380	ng	0.00
8) Nitrobenzene-d5	9.223	82	3341	0.351	ng	-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7432	0.490	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	857	0.342	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	9636	0.370	ng	0.00
27) Fluoranthene-d10	19.456	212	15163	0.480	ng	0.00
31) Terphenyl-d14	20.044	244	8037	0.403	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	448	0.110	ng	97
3) n-Nitrosodimethylamine	3.809	42	336m	0.069	ng	
6) bis(2-Chloroethyl)ether	7.478	93	1199	0.114	ng	97
9) Naphthalene	10.931	128	3145	0.110	ng	95
10) Hexachlorobutadiene	11.220	225	557	0.111	ng	# 99
12) 2-Methylnaphthalene	12.536	142	2161	0.107	ng	98
16) Acenaphthylene	14.416	152	3128	0.106	ng	99
17) Acenaphthene	14.758	154	2088	0.103	ng	92
18) Fluorene	15.735	166	2655	0.105	ng	97
20) 4,6-Dinitro-2-methylph...	15.809	198	245	0.069	ng	# 13
21) 4-Bromophenyl-phenylether	16.628	248	870	0.110	ng	97
22) Hexachlorobenzene	16.740	284	833	0.118	ng	96
23) Atrazine	16.889	200	775	0.111	ng	91
24) Pentachlorophenol	17.087	266	229	0.058	ng	# 83
25) Phenanthrene	17.472	178	4672	0.109	ng	99
26) Anthracene	17.572	178	4159	0.107	ng	99
28) Fluoranthene	19.486	202	5055	0.107	ng	99
30) Pyrene	19.848	202	5102	0.117	ng	99
32) Benzo(a)anthracene	21.593	228	4321	0.113	ng	97
33) Chrysene	21.647	228	4489	0.113	ng	98
34) Bis(2-ethylhexyl)phtha...	21.513	149	2902	0.122	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.730	276	5477	0.116	ng	95
37) Benzo(b)fluoranthene	23.347	252	5026	0.120	ng	# 67
38) Benzo(k)fluoranthene	23.397	252	4575	0.108	ng	# 85
39) Benzo(a)pyrene	24.005	252	4259	0.111	ng	# 40
40) Dibenzo(a,h)anthracene	26.753	278	4292	0.112	ng	# 85
41) Benzo(g,h,i)perylene	27.534	276	4367	0.108	ng	94

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

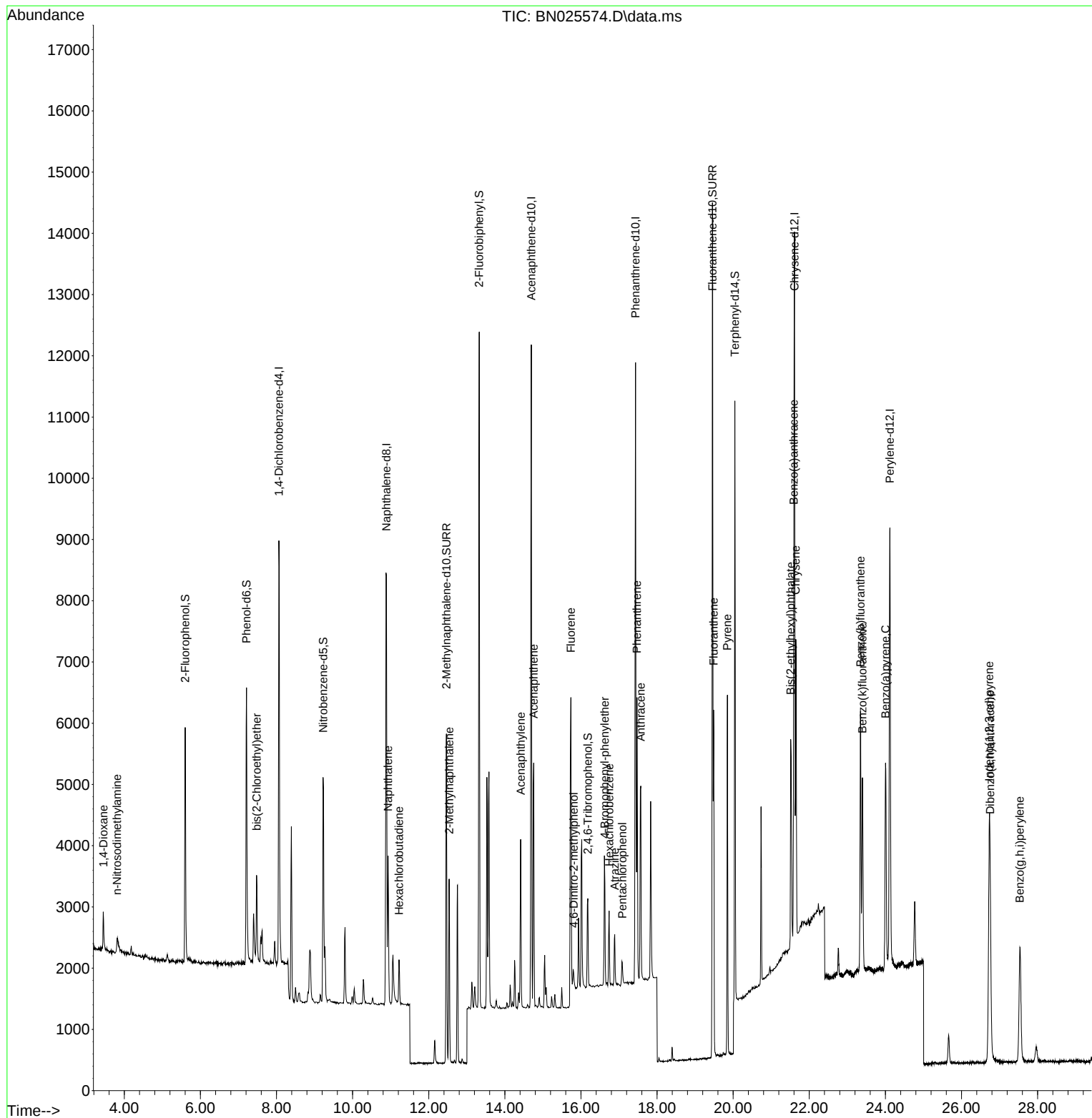
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
 Data File : BN025574.D
 Acq On : 23 May 2023 15:48
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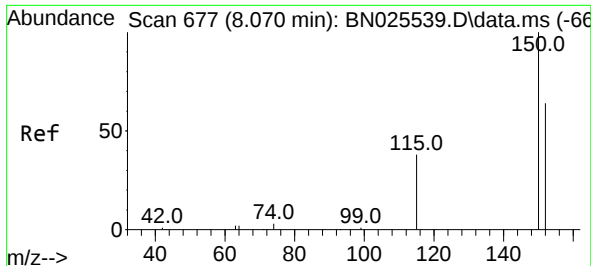
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Quant Time: May 24 03:48:50 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
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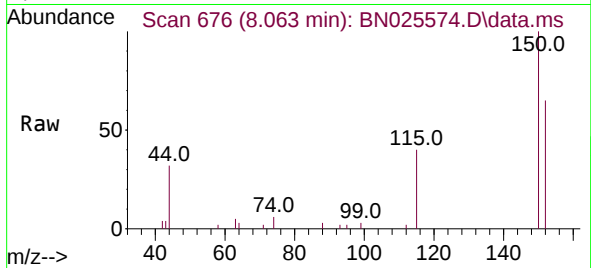
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.063 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN025574.D
 Acq: 23 May 2023 15:48

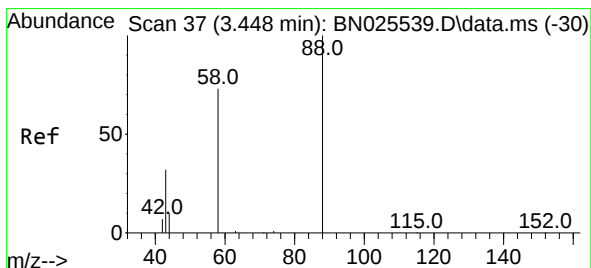
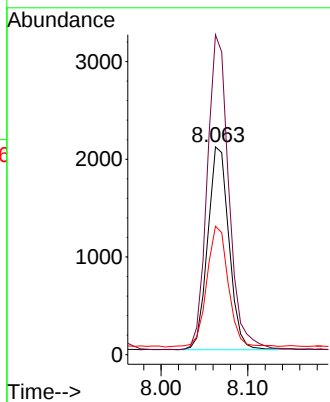
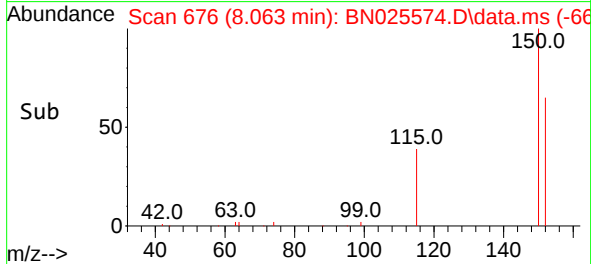
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023



Tgt Ion: 152 Resp: 3524
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.6 187.0
 115 61.8 49.1 73.7

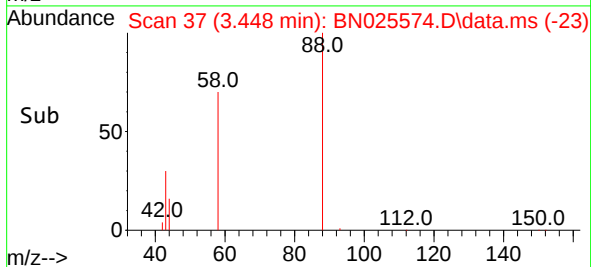
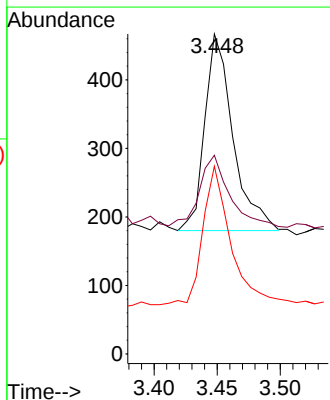
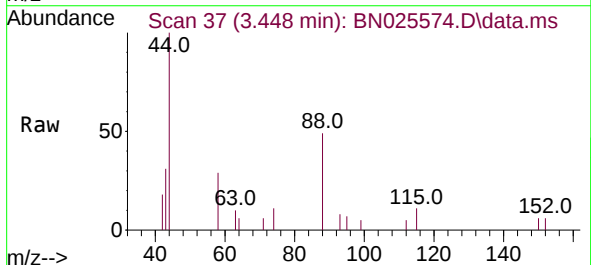
Manual Integrations
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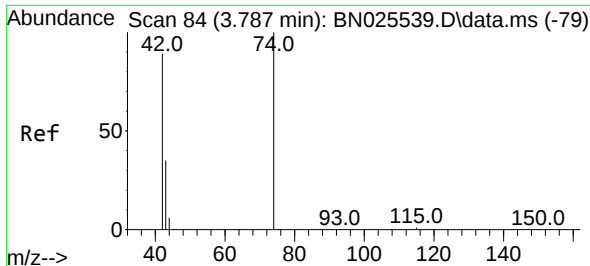
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023



#2
 1,4-Dioxane
 Concen: 0.110 ng
 RT: 3.448 min Scan# 37
 Delta R.T. 0.000 min
 Lab File: BN025574.D
 Acq: 23 May 2023 15:48

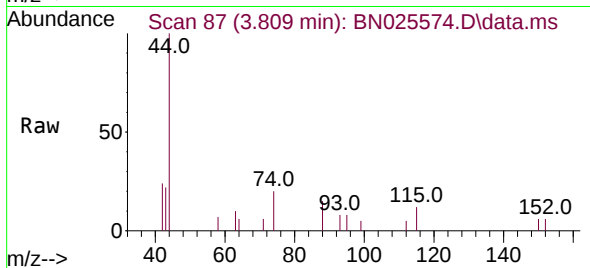
Tgt Ion: 88 Resp: 448
 Ion Ratio Lower Upper
 88 100
 43 38.2 25.8 38.8
 58 68.5 54.9 82.3





#3
n-Nitrosodimethylamine
Concen: 0.069 ng m
RT: 3.809 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

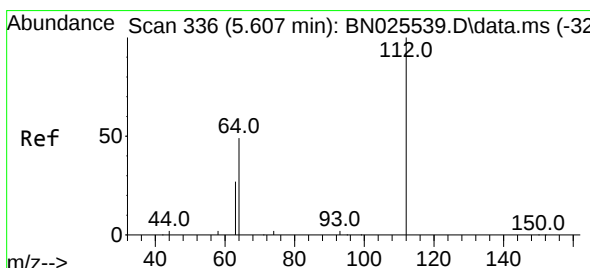
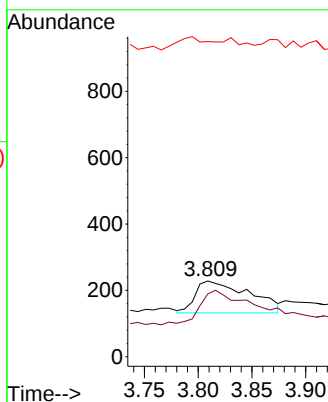
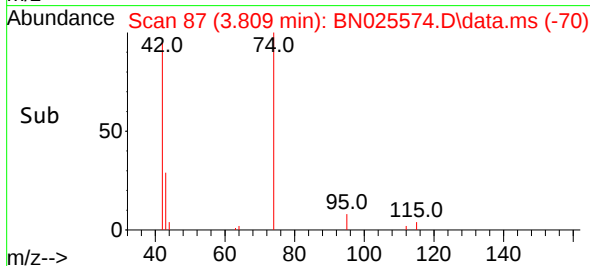
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



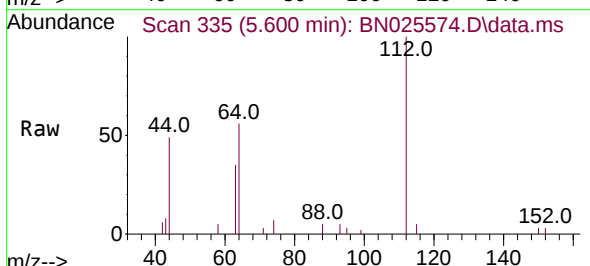
Tgt Ion: 42 Resp: 330
Ion Ratio Lower Upper
42 100
74 0.0 89.7 134.5
44 0.0 7.5 11.3

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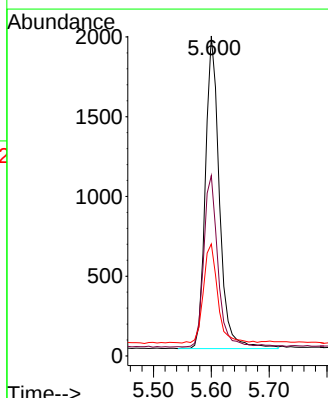
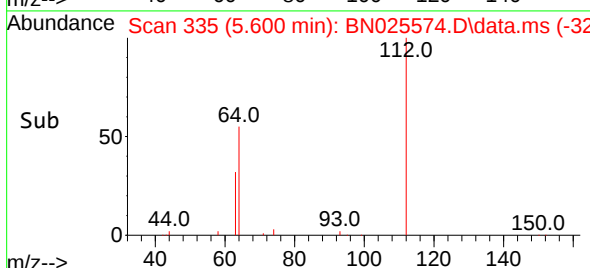
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

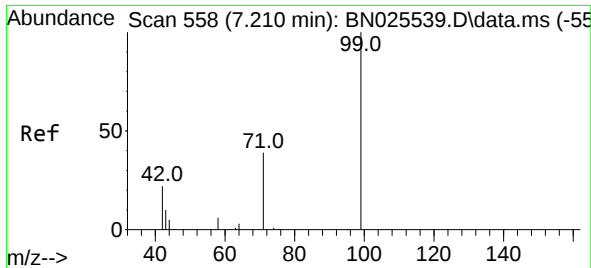


#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.600 min Scan# 335
Delta R.T. -0.007 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48



Tgt Ion:112 Resp: 3312
Ion Ratio Lower Upper
112 100
64 55.1 44.2 66.4
63 32.3 25.4 38.2





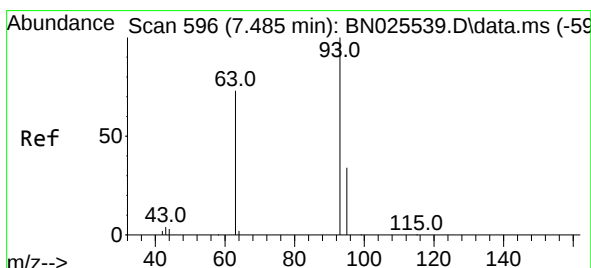
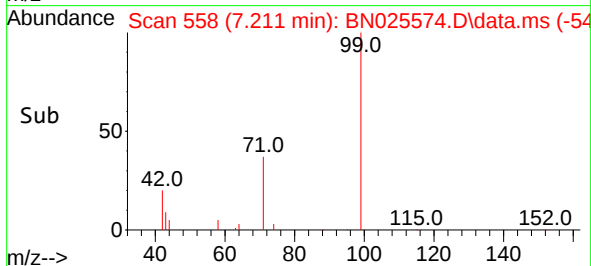
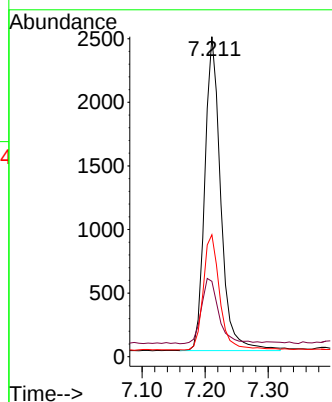
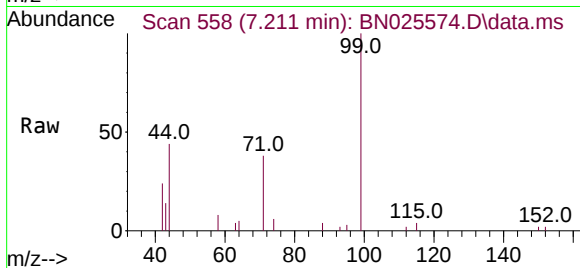
#5
Phenol-d6
Concen: 0.380 ng
RT: 7.211 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 99 Resp: 4338
Ion Ratio Lower Upper
99 100
42 22.9 17.5 26.3
71 38.0 30.1 45.1

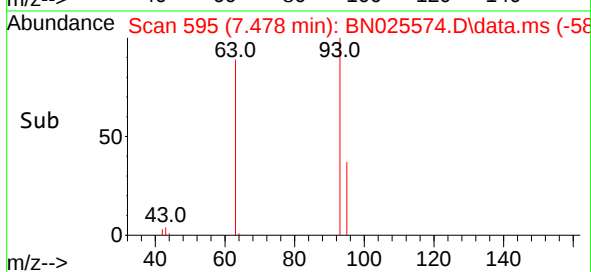
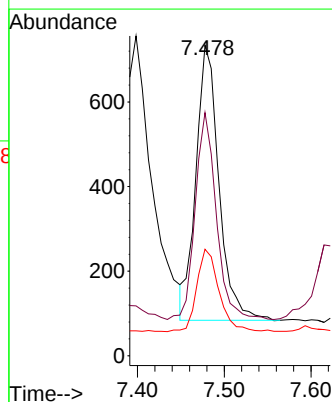
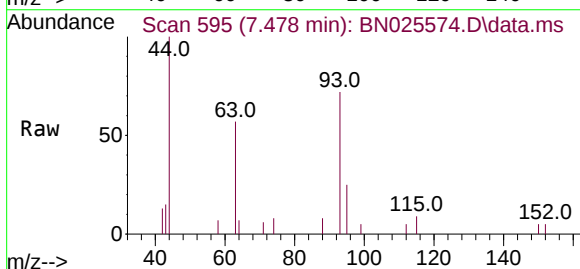
Manual Integrations
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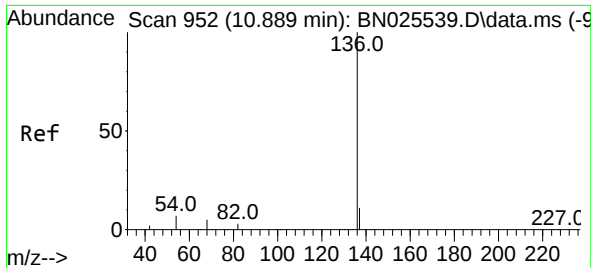
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.114 ng
RT: 7.478 min Scan# 595
Delta R.T. -0.007 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

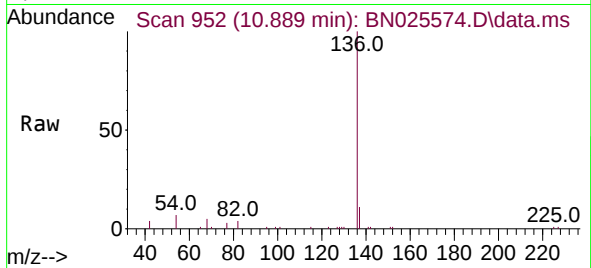
Tgt Ion: 93 Resp: 1199
Ion Ratio Lower Upper
93 100
63 69.1 56.9 85.3
95 29.5 24.9 37.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

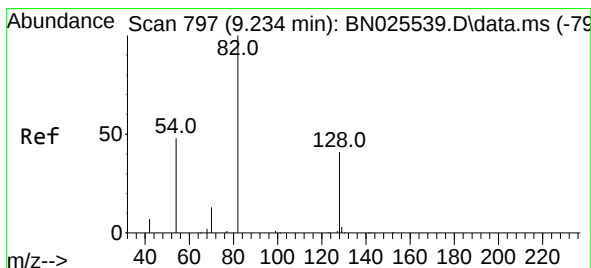
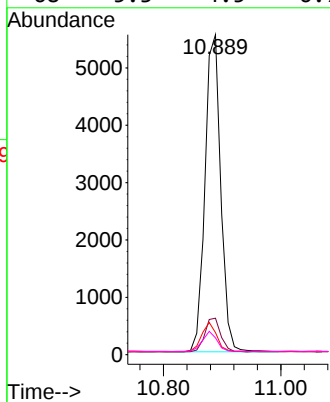
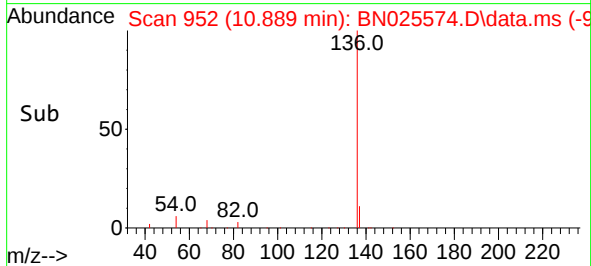
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.9	6.2	9.4
68	5.3	4.5	6.7

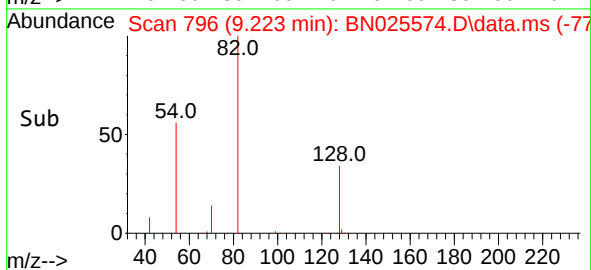
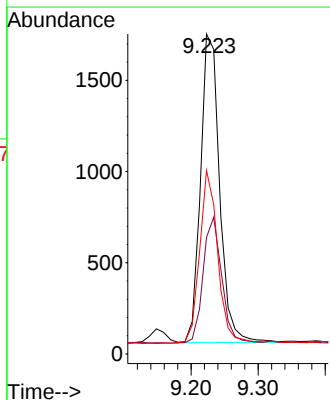
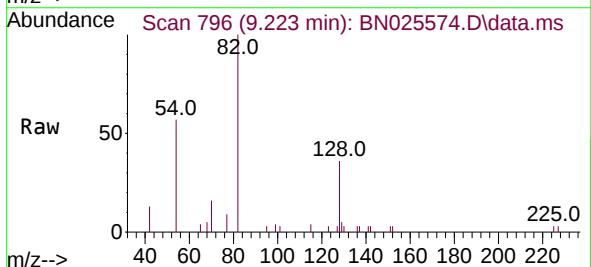
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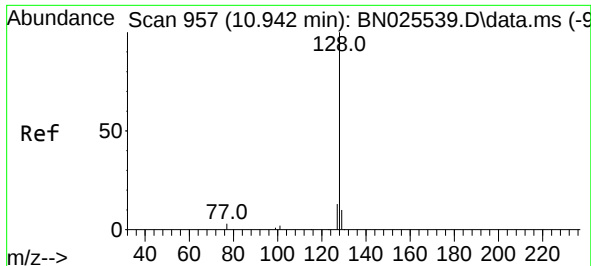
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 9.223 min Scan# 796
Delta R.T. -0.011 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

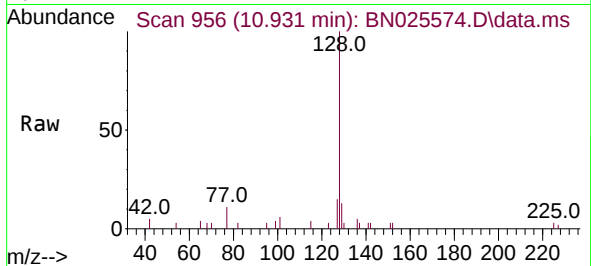
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	33.8	50.8
54	57.4	39.8	59.6





#9
Naphthalene
Concen: 0.110 ng
RT: 10.931 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

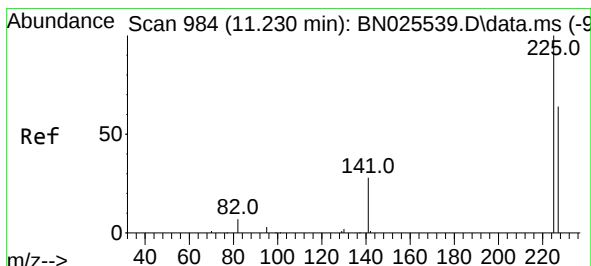
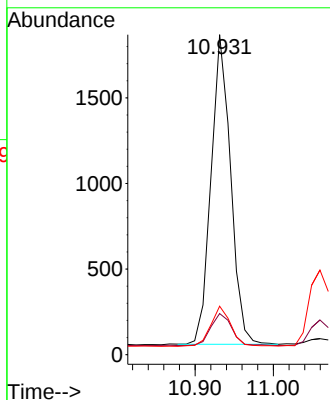
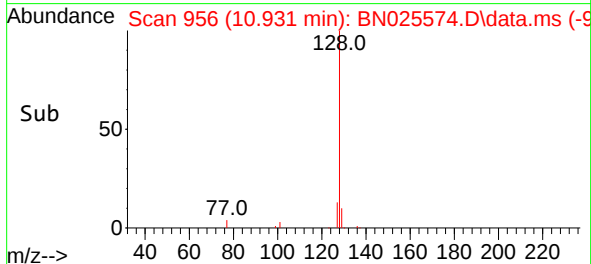
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



Tgt Ion:128 Resp: 314
Ion Ratio Lower Upper
128 100
129 12.8 8.8 13.2
127 15.1 10.6 15.8

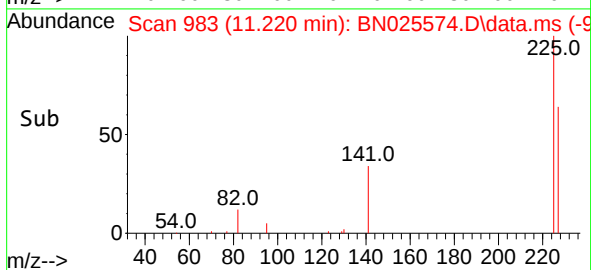
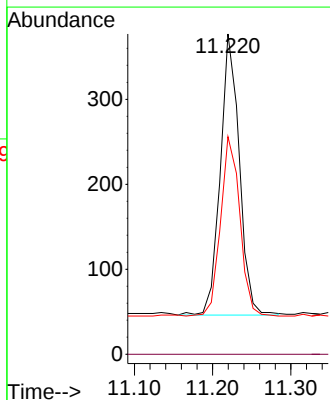
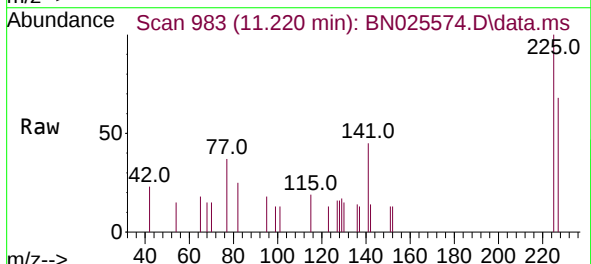
Manual Integrations
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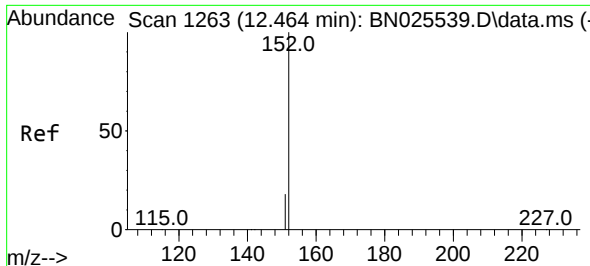
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#10
Hexachlorobutadiene
Concen: 0.111 ng
RT: 11.220 min Scan# 983
Delta R.T. -0.011 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

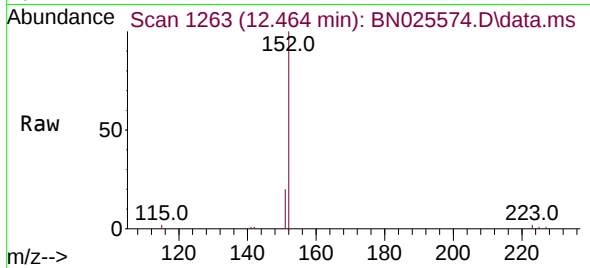
Tgt Ion:225 Resp: 557
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.5 51.0 76.6





#11
2-Methylnaphthalene-d10
Concen: 0.490 ng
RT: 12.464 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

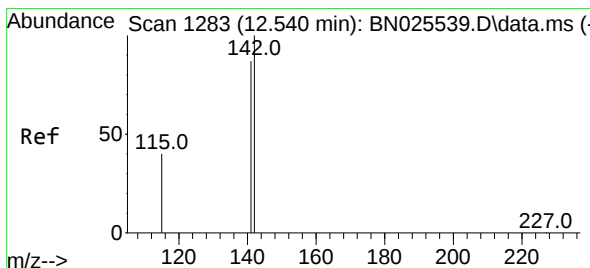
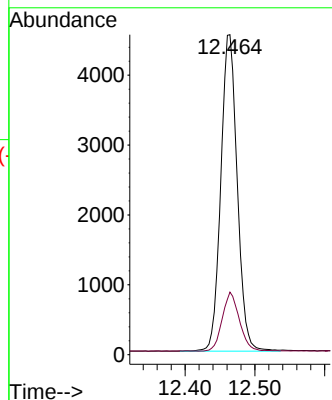
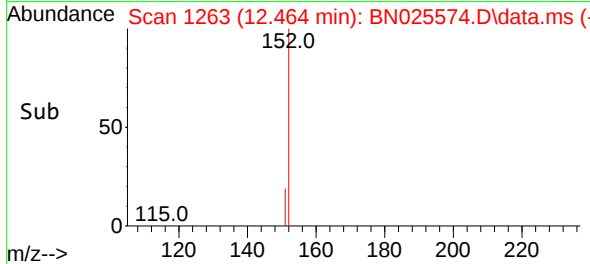
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



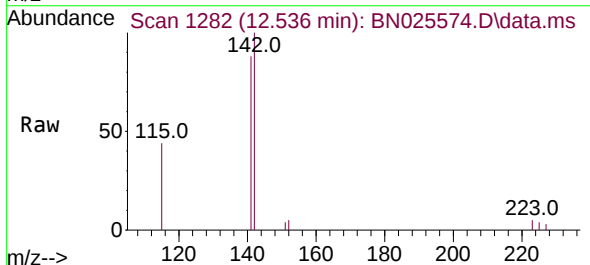
Tgt Ion:152 Resp: 743
Ion Ratio Lower Upper
152 100
151 19.6 16.7 25.1

Manual Integrations
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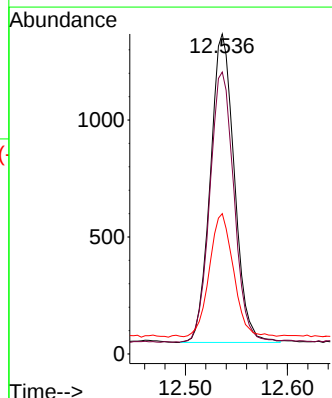
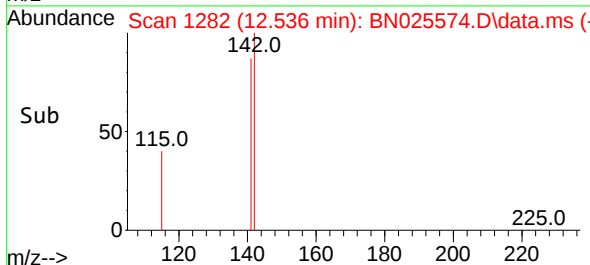
Reviewed By :Christian Giraldo 05/24/2023
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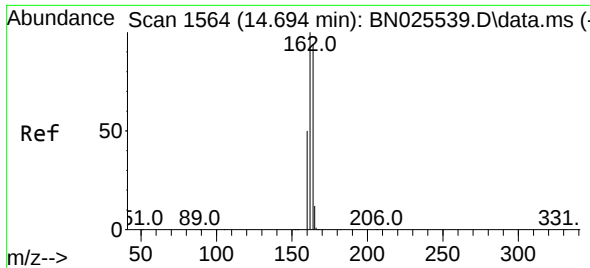


#12
2-Methylnaphthalene
Concen: 0.107 ng
RT: 12.536 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48



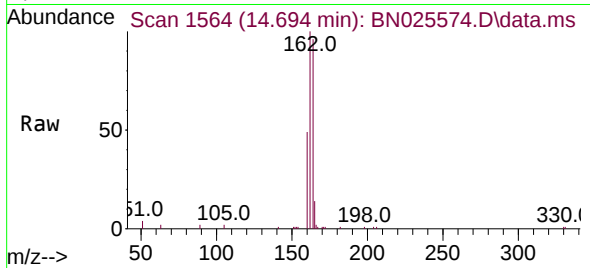
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Ion Ratio Lower Upper
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141 88.1 70.1 105.1
115 43.9 32.8 49.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

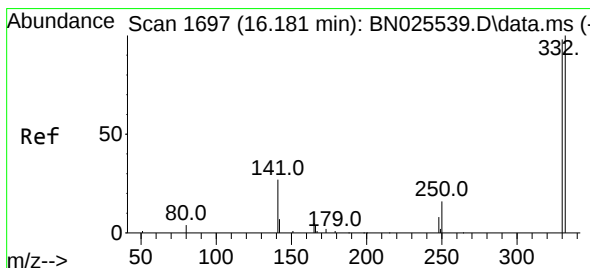
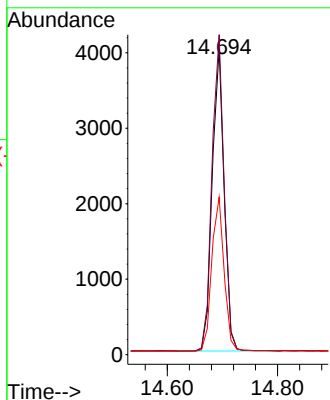
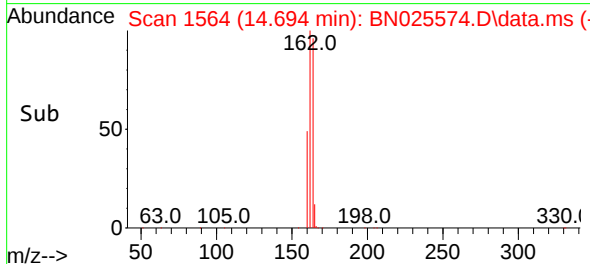
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



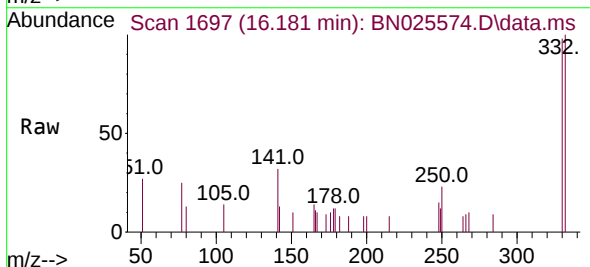
Tgt Ion:164 Resp: 6000
Ion Ratio Lower Upper
164 100
162 104.5 85.5 128.3
160 51.5 42.9 64.3

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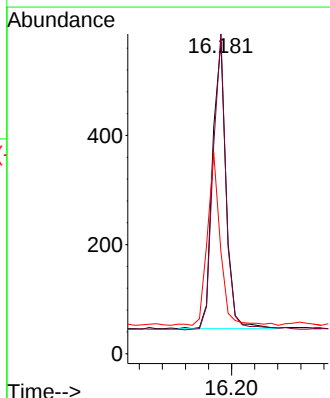
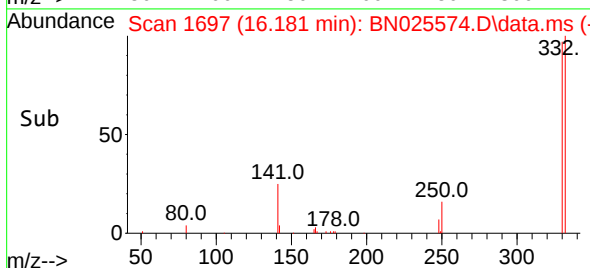
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

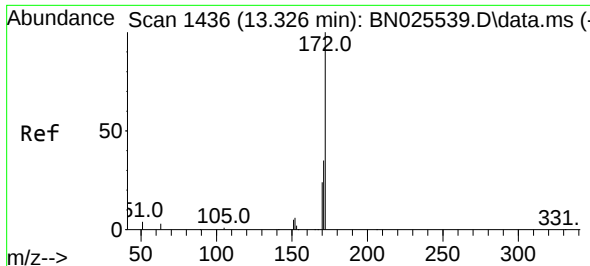


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48



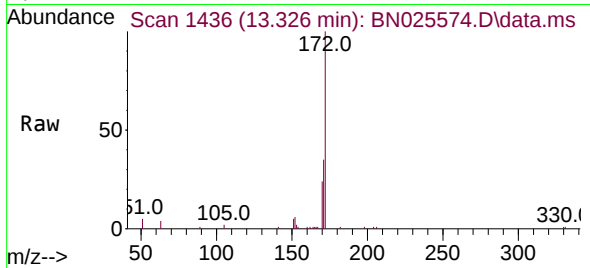
Tgt Ion:330 Resp: 857
Ion Ratio Lower Upper
330 100
332 98.6 76.7 115.1
141 57.4 43.0 64.6





#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.326 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

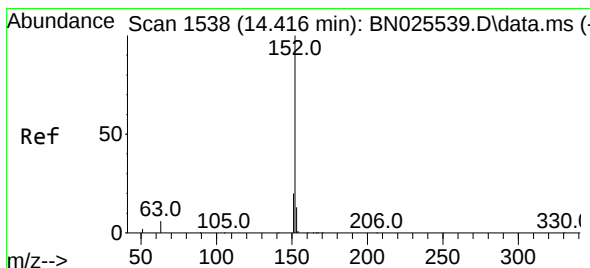
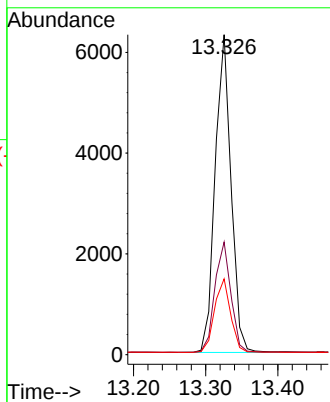
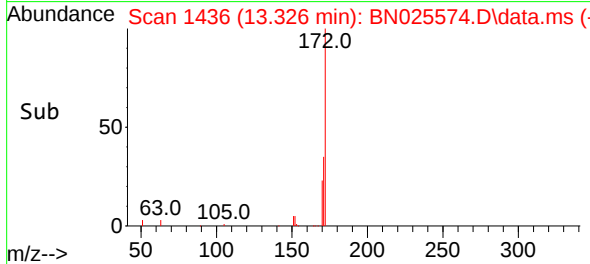
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



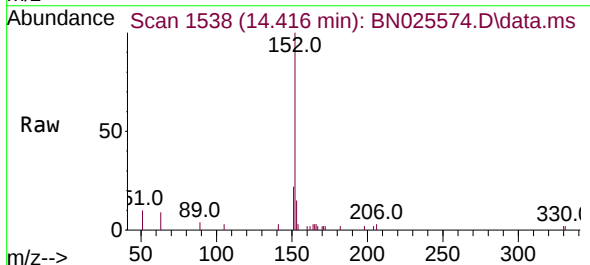
Tgt Ion:172 Resp: 9630
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.7 19.3 28.9

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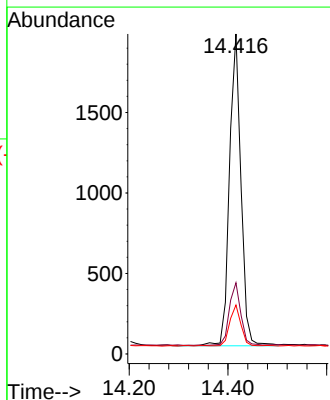
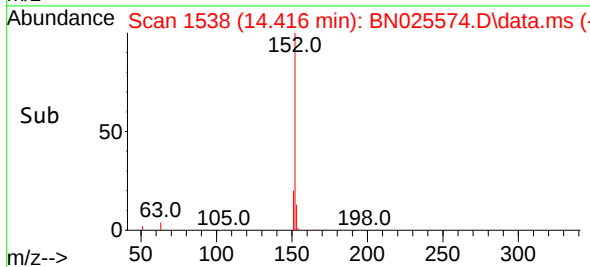
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

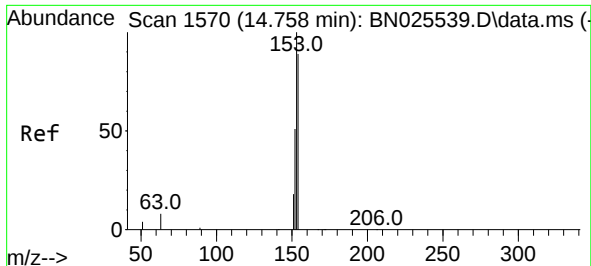


#16
Acenaphthylene
Concen: 0.106 ng
RT: 14.416 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48



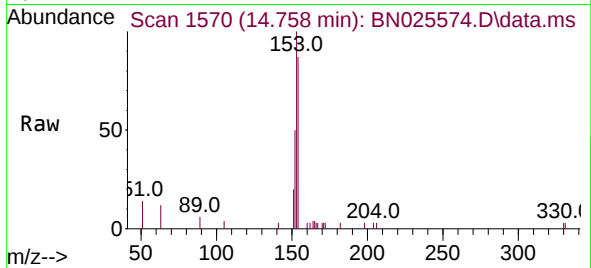
Tgt Ion:152 Resp: 3128
Ion Ratio Lower Upper
152 100
151 20.0 15.3 22.9
153 12.9 10.4 15.6





#17
Acenaphthene
Concen: 0.103 ng
RT: 14.758 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

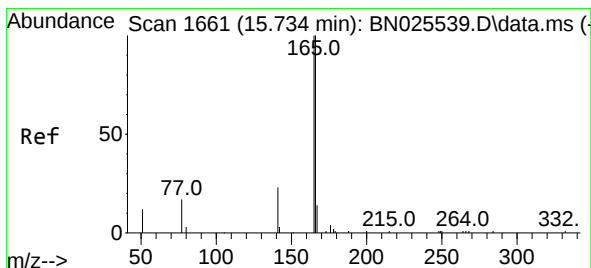
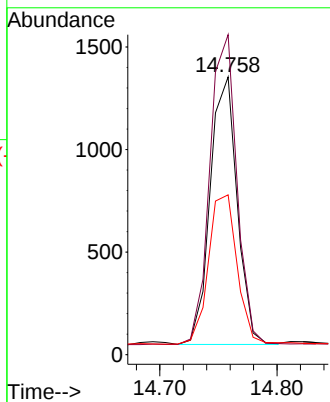
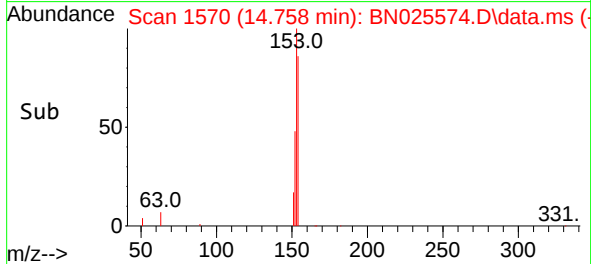
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



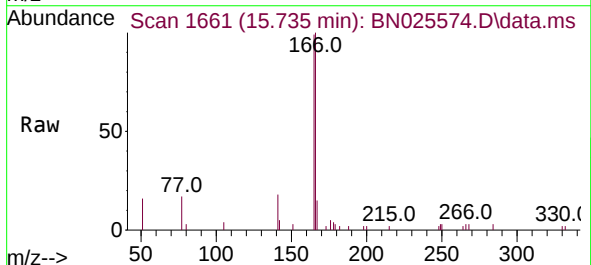
Tgt Ion:154 Resp: 2088
Ion Ratio Lower Upper
154 100
153 116.5 85.4 128.2
152 59.8 44.3 66.5

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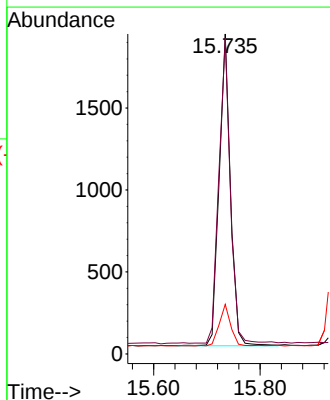
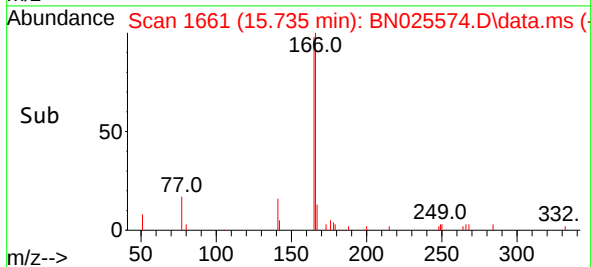
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

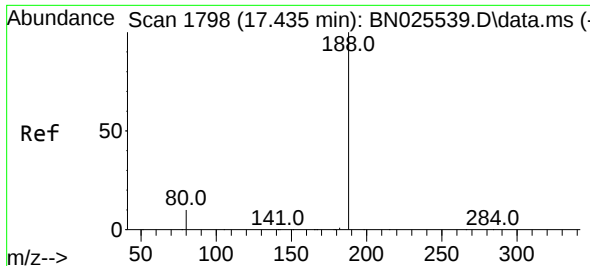


#18
Fluorene
Concen: 0.105 ng
RT: 15.735 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48



Tgt Ion:166 Resp: 2655
Ion Ratio Lower Upper
166 100
165 102.6 79.1 118.7
167 13.6 10.8 16.2





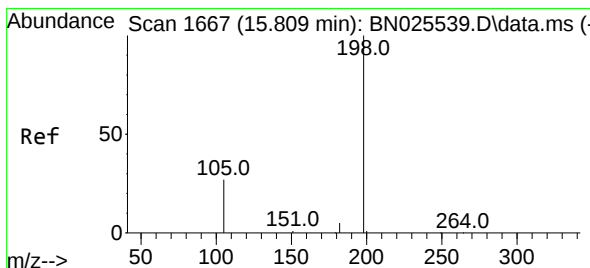
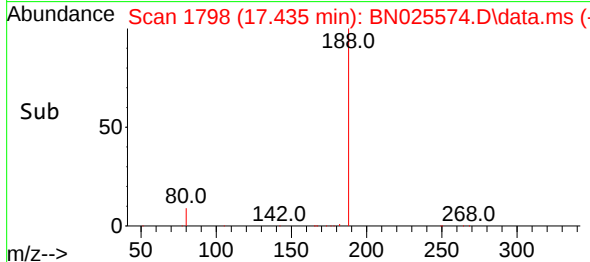
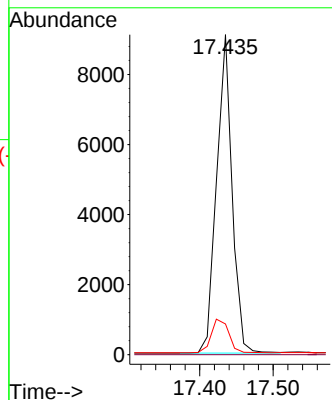
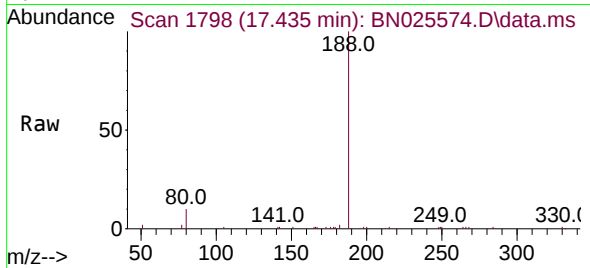
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:188 Resp: 13324
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 8.8 13.2

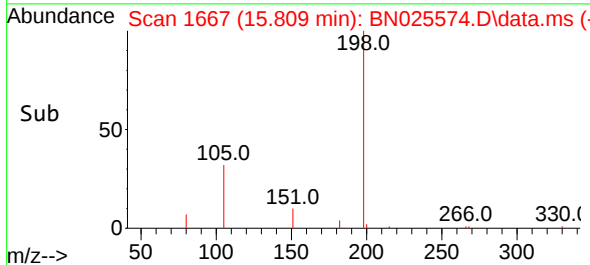
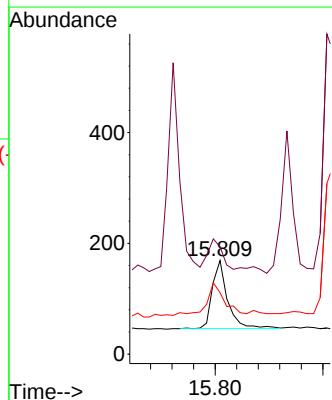
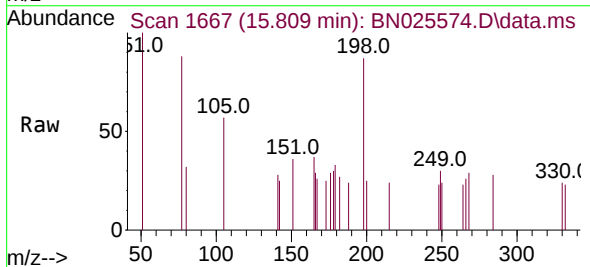
Manual Integrations
APPROVED

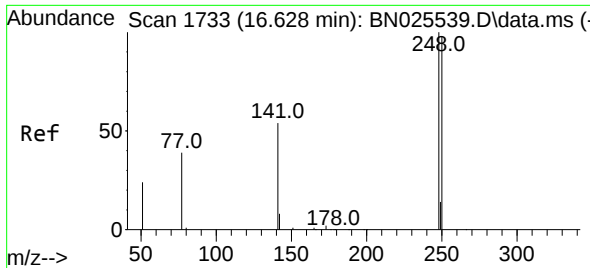
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.809 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

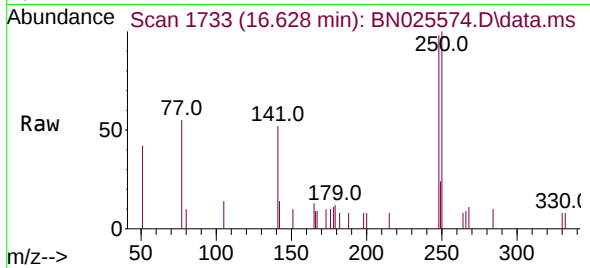
Tgt Ion:198 Resp: 245
Ion Ratio Lower Upper
198 100
51 114.8 31.7 47.5#
105 65.7 29.2 43.8#





#21
4-Bromophenyl-phenylether
Concen: 0.110 ng
RT: 16.628 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

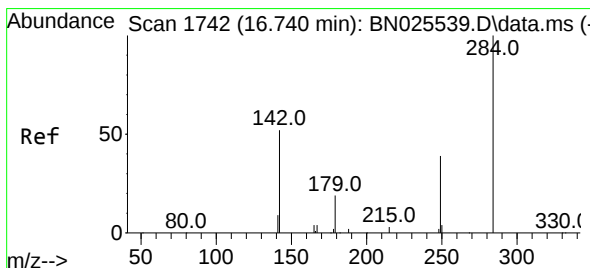
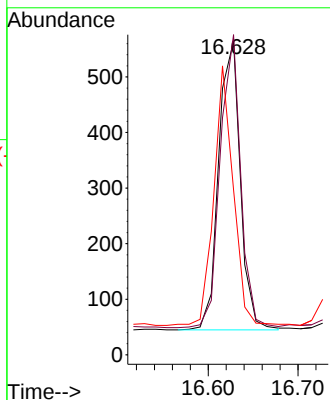
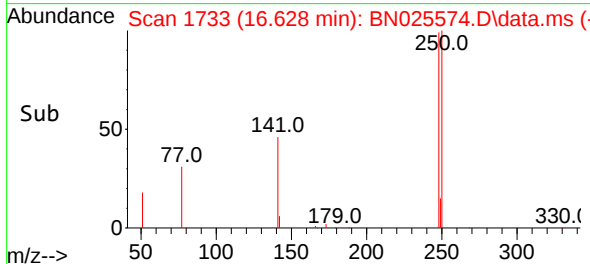
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



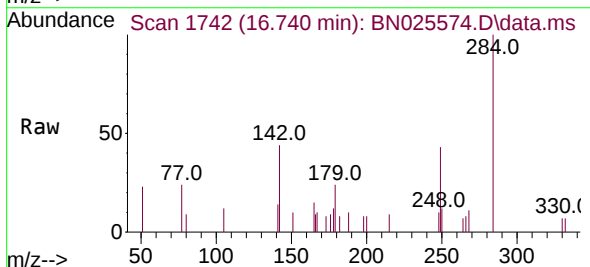
Tgt Ion:248 Resp: 870
Ion Ratio Lower Upper
248 100
250 101.9 78.9 118.3
141 52.6 43.9 65.9

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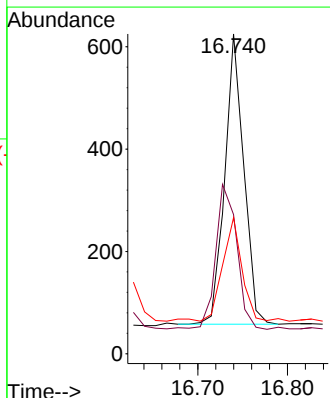
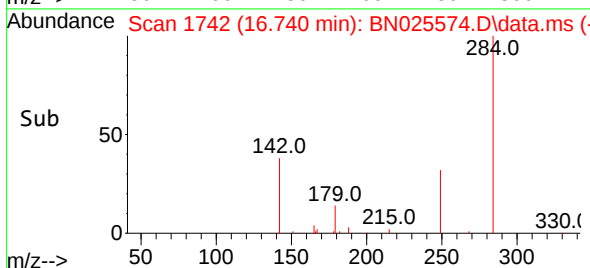
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

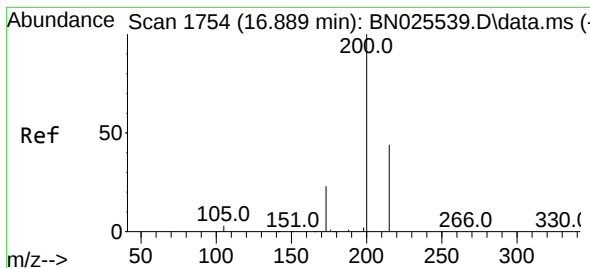


#22
Hexachlorobenzene
Concen: 0.118 ng
RT: 16.740 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48



Tgt Ion:284 Resp: 833
Ion Ratio Lower Upper
284 100
142 55.8 41.6 62.4
249 36.6 28.3 42.5





#23

Atrazine

Concen: 0.111 ng

RT: 16.889 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BN025574.D

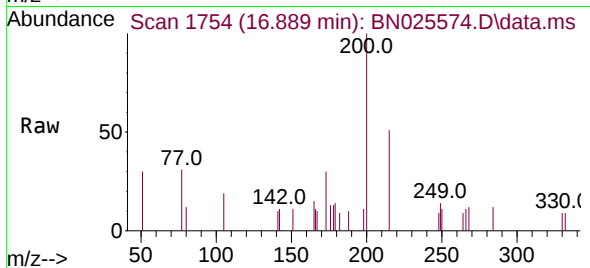
Acq: 23 May 2023 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

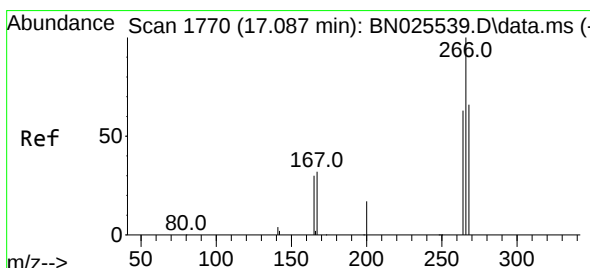
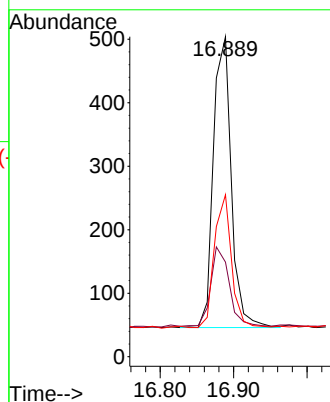
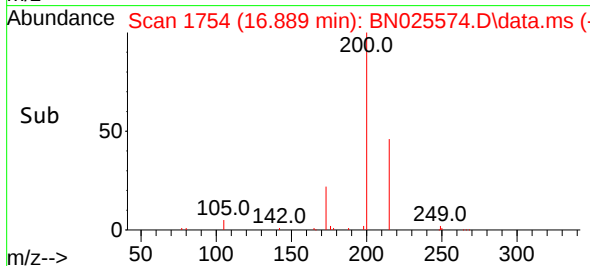


Tgt Ion:	200	Resp:	77.0
Ion Ratio	Lower	Upper	
200	100		
173	29.6	20.2	30.4
215	50.6	35.8	53.8

Manual Integrations

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



#24

Pentachlorophenol

Concen: 0.058 ng

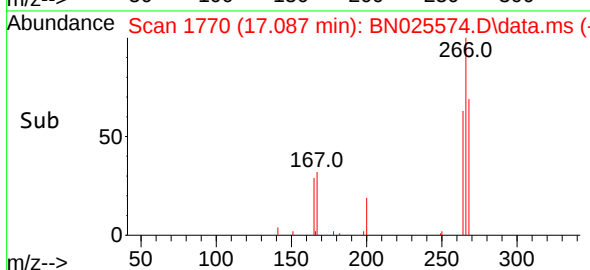
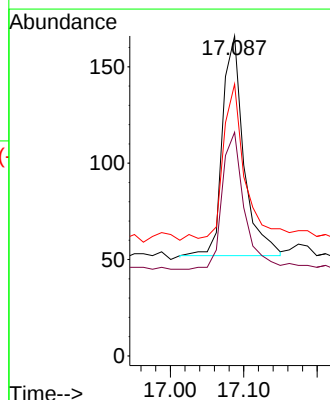
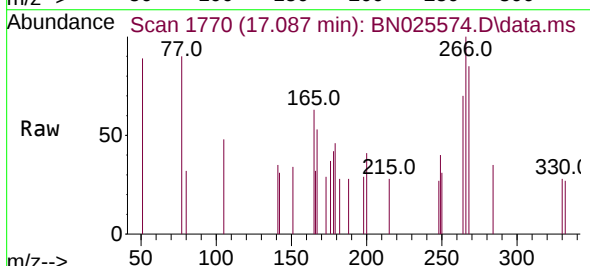
RT: 17.087 min Scan# 1770

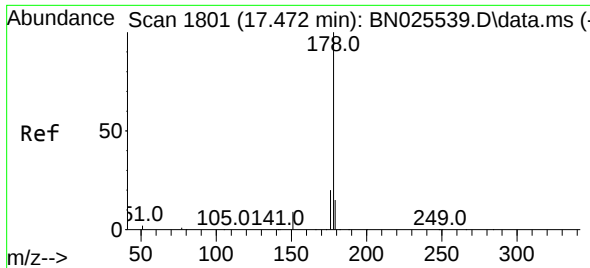
Delta R.T. 0.000 min

Lab File: BN025574.D

Acq: 23 May 2023 15:48

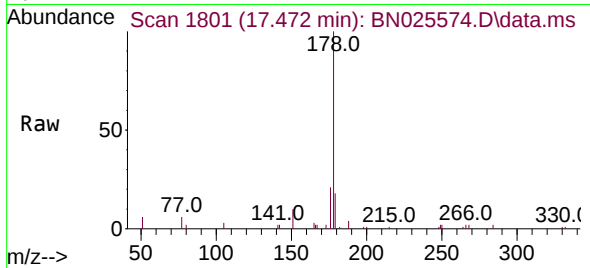
Tgt Ion:	266	Resp:	229
Ion Ratio	Lower	Upper	
266	100		
264	68.1	51.3	76.9
268	86.0	51.2	76.8





#25
Phenanthrene
Concen: 0.109 ng
RT: 17.472 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

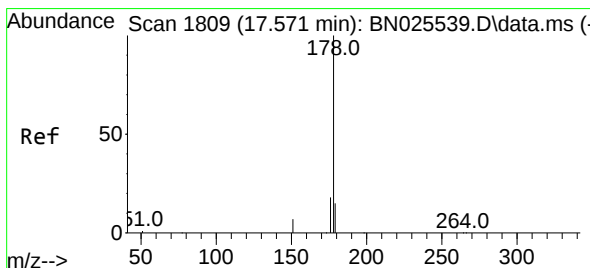
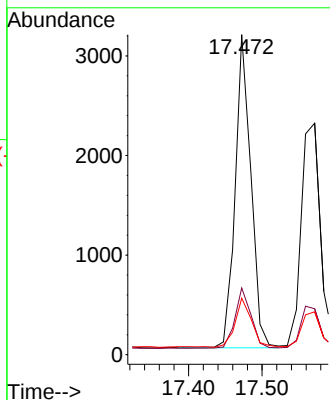
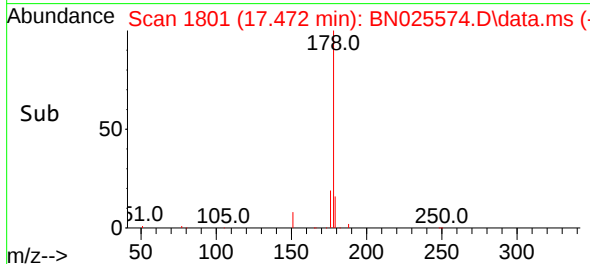
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



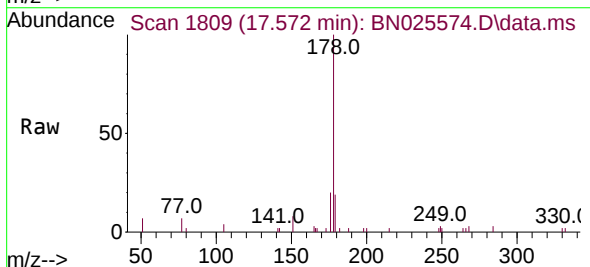
Tgt Ion:178 Resp: 4672
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.5 18.7

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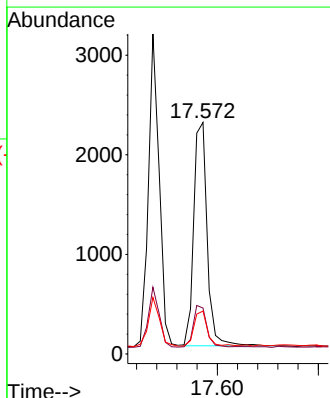
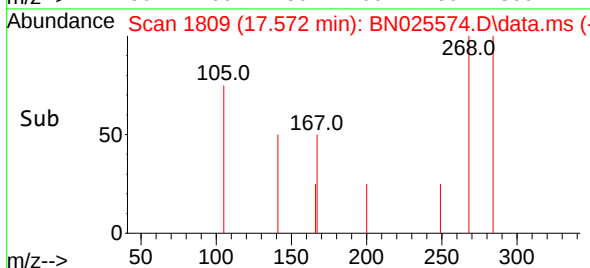
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

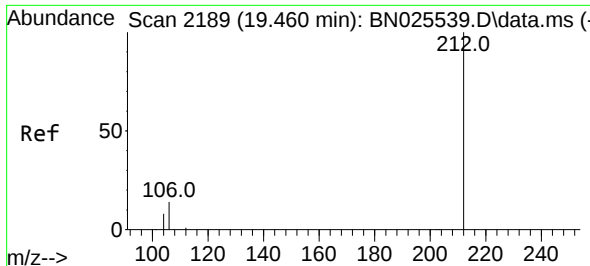


#26
Anthracene
Concen: 0.107 ng
RT: 17.572 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48



Tgt Ion:178 Resp: 4159
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.7 12.3 18.5





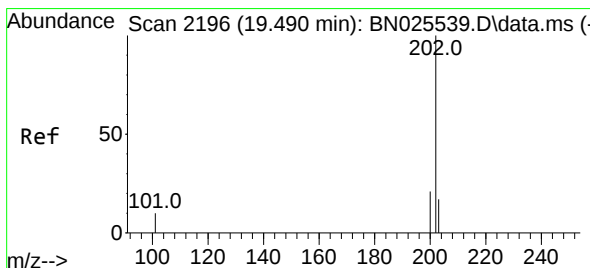
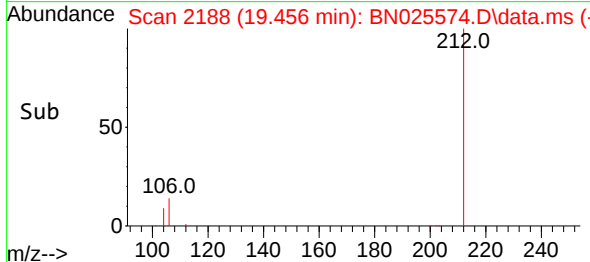
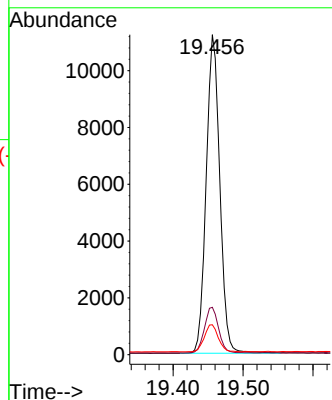
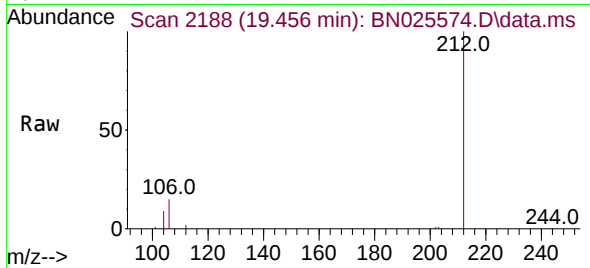
#27
Fluoranthene-d10
Concen: 0.480 ng
RT: 19.456 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:212 Resp: 1516
Ion Ratio Lower Upper
212 100
106 15.0 11.4 17.2
104 8.8 6.8 10.2

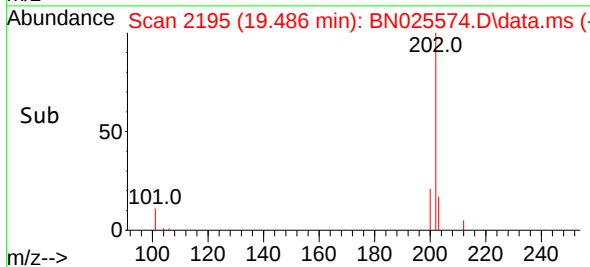
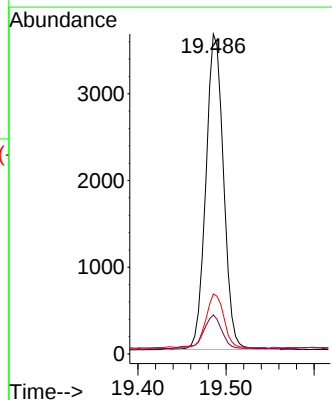
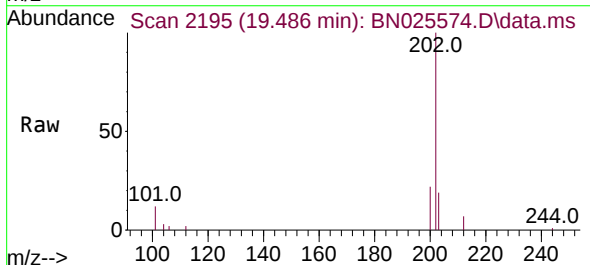
Manual Integrations
APPROVED

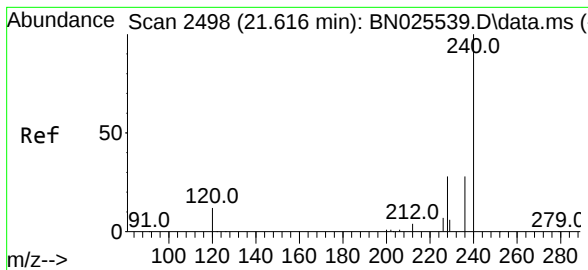
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#28
Fluoranthene
Concen: 0.107 ng
RT: 19.486 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

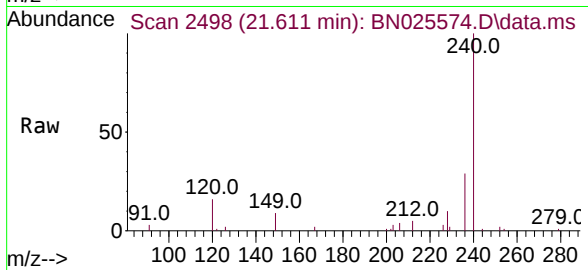
Tgt Ion:202 Resp: 5055
Ion Ratio Lower Upper
202 100
101 11.6 8.6 12.8
203 17.2 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.611 min Scan# 2498
Delta R.T. -0.005 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

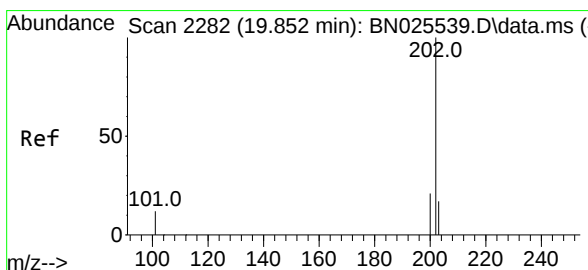
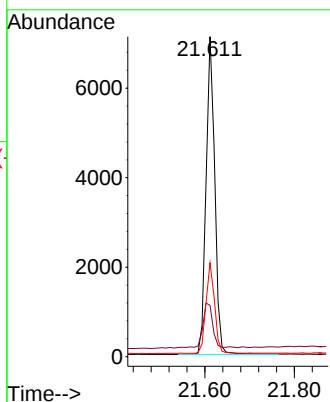
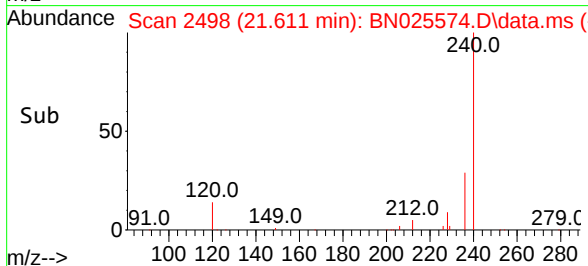
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



Tgt Ion:240 Resp: 963
Ion Ratio Lower Upper
240 100
120 16.1 11.7 17.5
236 29.3 23.0 34.6

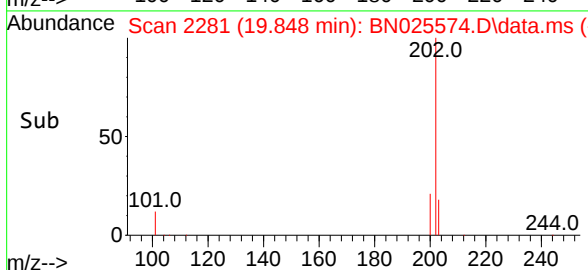
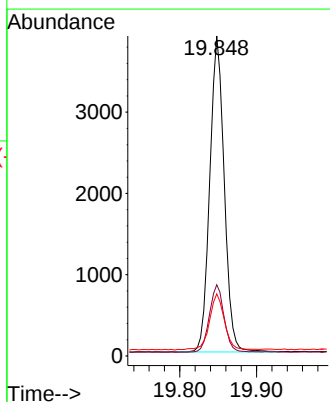
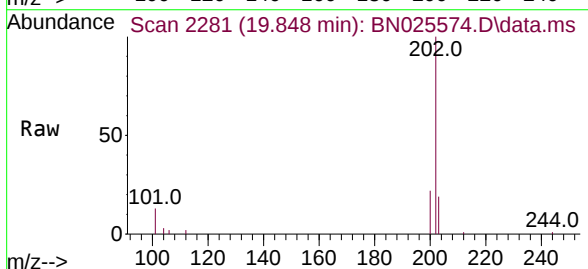
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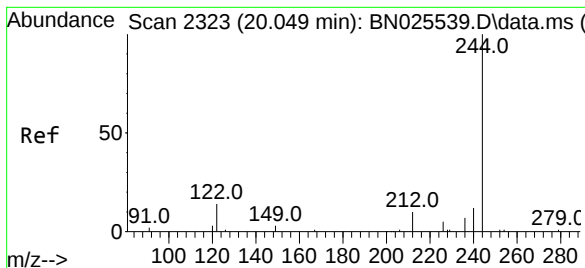
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#30
Pyrene
Concen: 0.117 ng
RT: 19.848 min Scan# 2281
Delta R.T. -0.004 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

Tgt Ion:202 Resp: 5102
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 18.4 14.3 21.5





#31

Terphenyl-d14

Concen: 0.403 ng

RT: 20.044 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN025574.D

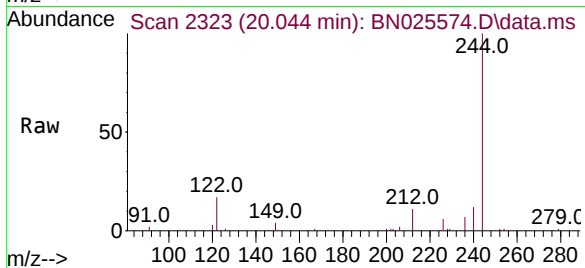
Acq: 23 May 2023 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

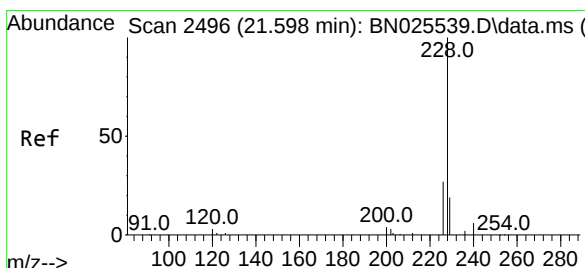
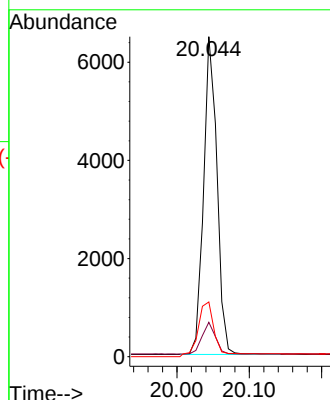
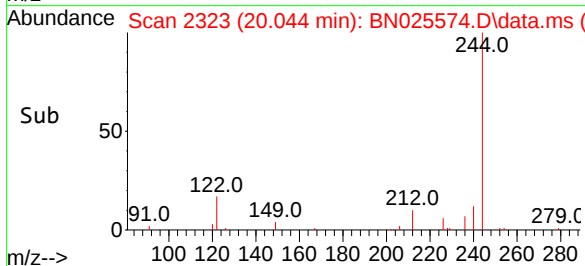


Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.4	12.6
122	17.1	11.4	17.0

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



#32

Benzo(a)anthracene

Concen: 0.113 ng

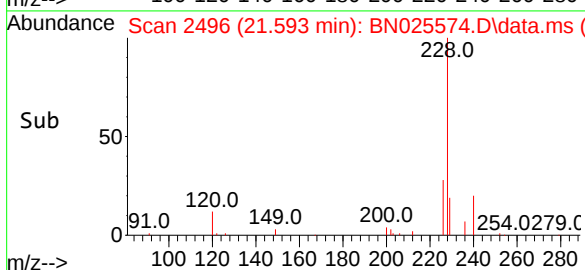
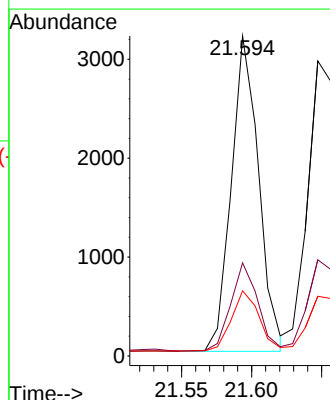
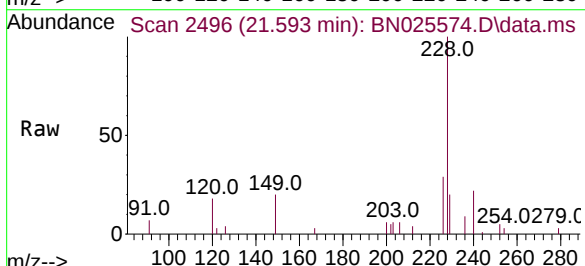
RT: 21.593 min Scan# 2496

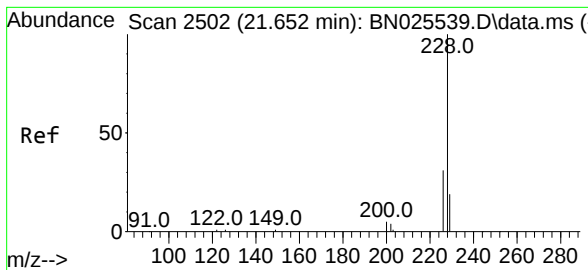
Delta R.T. -0.005 min

Lab File: BN025574.D

Acq: 23 May 2023 15:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.9	32.9
229	20.3	15.4	23.2





#33

Chrysene

Concen: 0.113 ng

RT: 21.647 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN025574.D

Acq: 23 May 2023 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

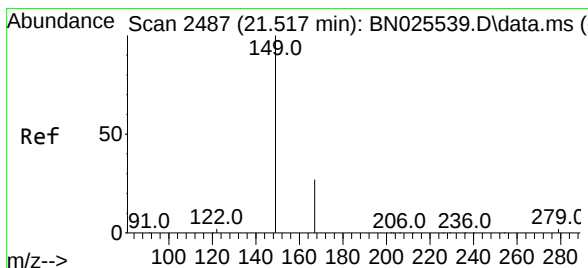
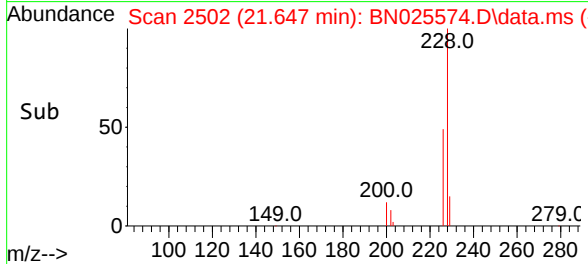
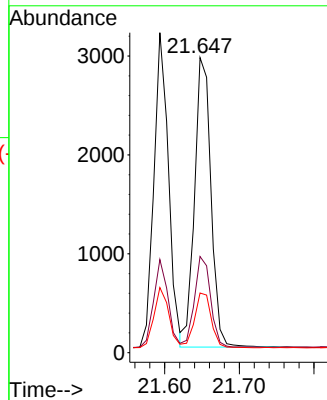
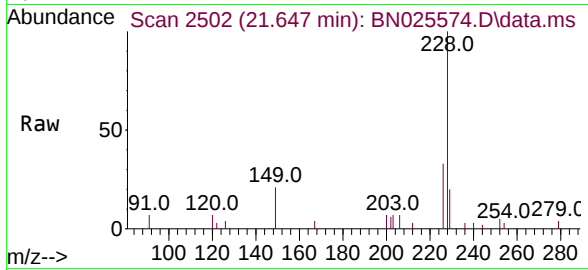
Tgt Ion:	228	Resp:	4489
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.7	37.1
229	20.2	15.7	23.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/24/2023

Supervised By :mohammad ahmed 05/24/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.122 ng

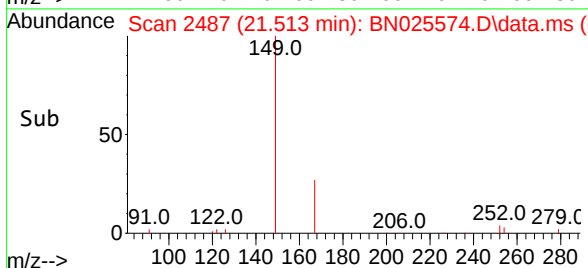
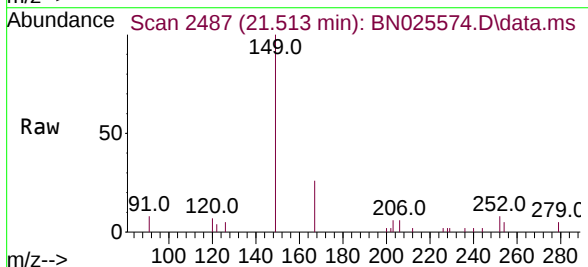
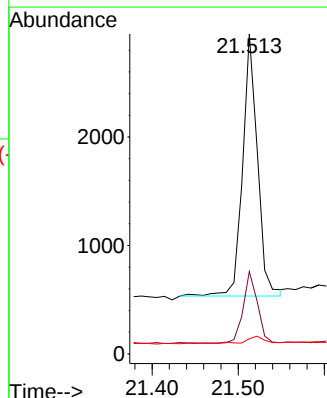
RT: 21.513 min Scan# 2487

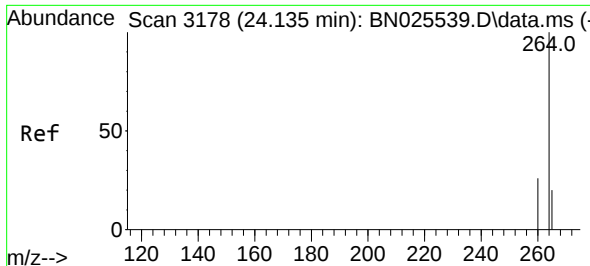
Delta R.T. -0.005 min

Lab File: BN025574.D

Acq: 23 May 2023 15:48

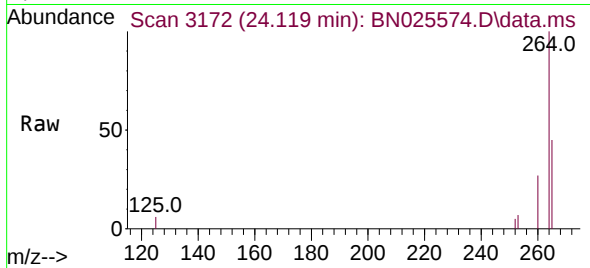
Tgt Ion:	149	Resp:	2902
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.5	32.3
279	4.2	2.6	4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.119 min Scan# 3172
 Delta R.T. -0.016 min
 Lab File: BN025574.D
 Acq: 23 May 2023 15:48

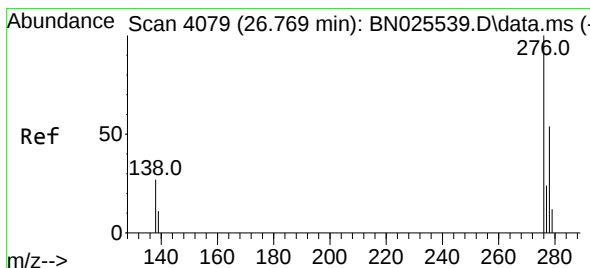
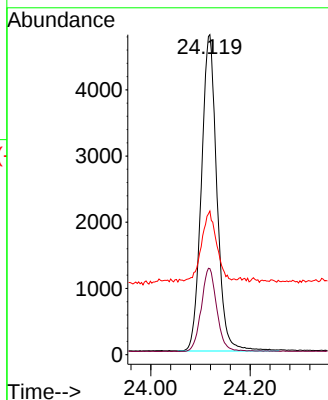
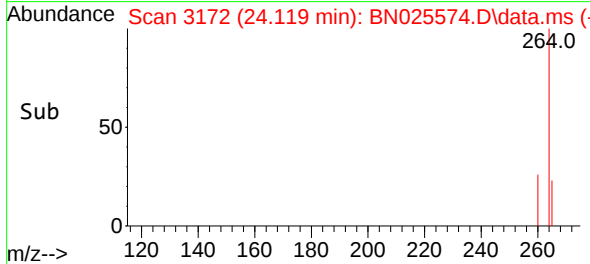
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023



Tgt Ion:264 Resp: 10370
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.1 31.7
 265 44.9 35.5 53.3

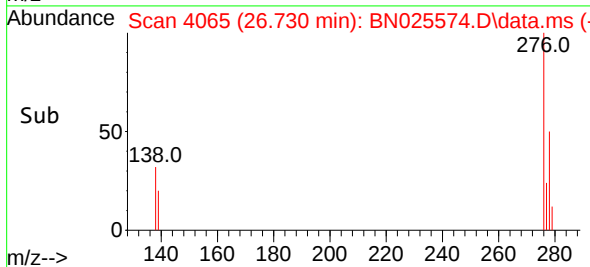
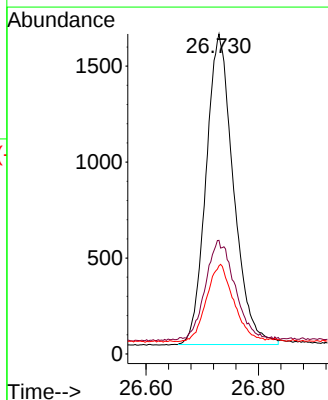
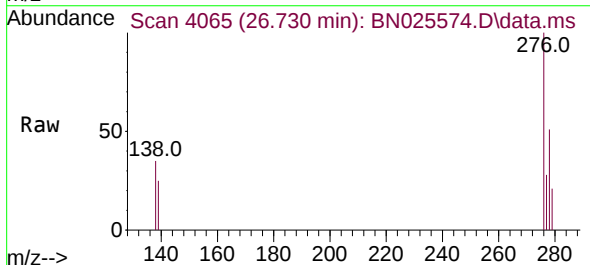
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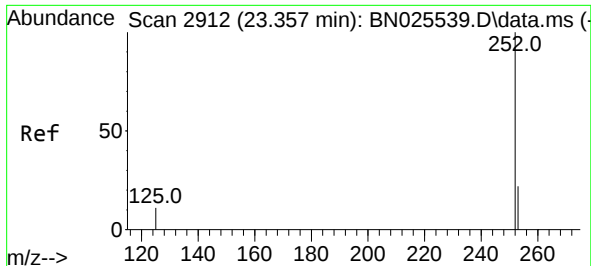
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.116 ng
 RT: 26.730 min Scan# 4065
 Delta R.T. -0.040 min
 Lab File: BN025574.D
 Acq: 23 May 2023 15:48

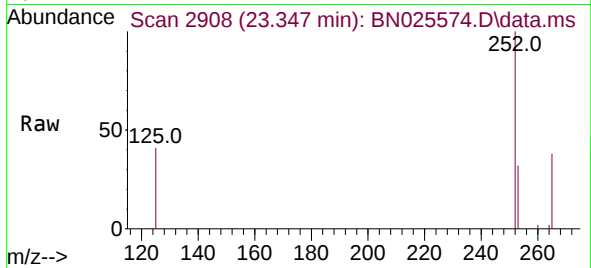
Tgt Ion:276 Resp: 5477
 Ion Ratio Lower Upper
 276 100
 138 33.7 22.8 34.2
 277 24.7 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.120 ng
RT: 23.347 min Scan# 2908
Delta R.T. -0.010 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48

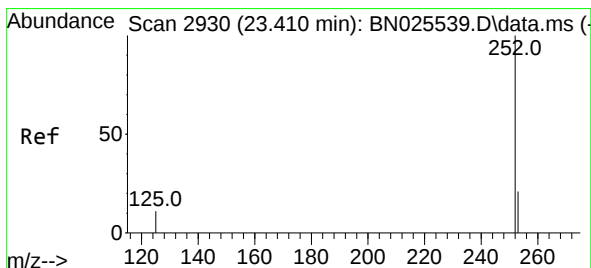
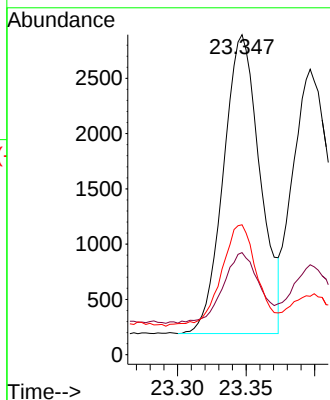
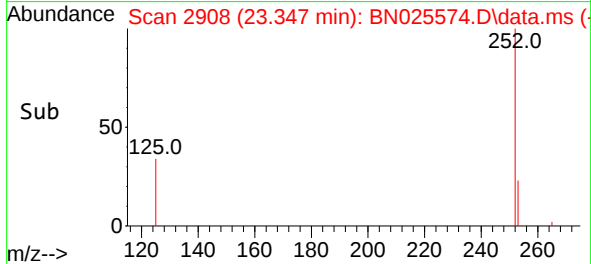
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023



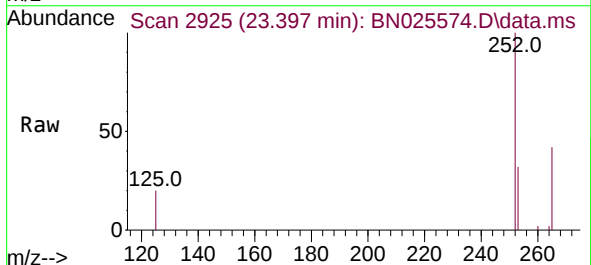
Tgt Ion:252 Resp: 5020
Ion Ratio Lower Upper
252 100
253 31.9 19.7 29.5#
125 40.6 11.3 16.9#

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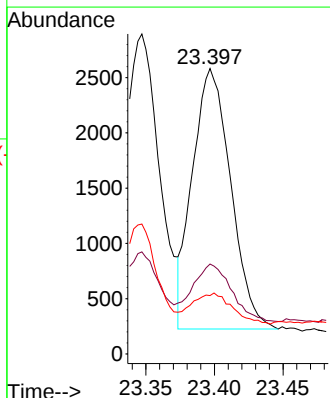
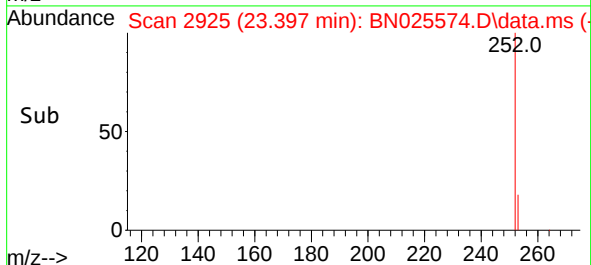
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

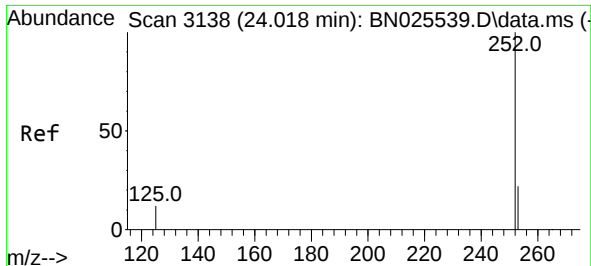


#38
Benzo(k)fluoranthene
Concen: 0.108 ng
RT: 23.397 min Scan# 2925
Delta R.T. -0.013 min
Lab File: BN025574.D
Acq: 23 May 2023 15:48



Tgt Ion:252 Resp: 4575
Ion Ratio Lower Upper
252 100
253 31.5 19.4 29.2#
125 20.4 10.9 16.3#





#39

Benzo(a)pyrene

Concen: 0.111 ng

RT: 24.005 min Scan# 3138

Delta R.T. -0.013 min

Lab File: BN025574.D

Acq: 23 May 2023 15:48

Instrument :

BN025574.D

ClientSampleId :

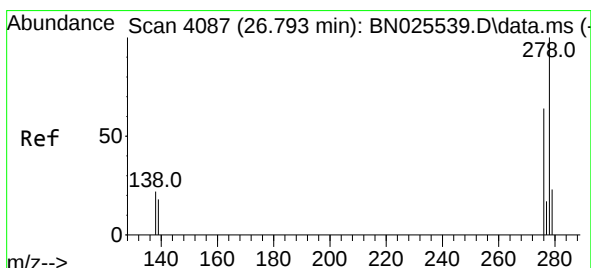
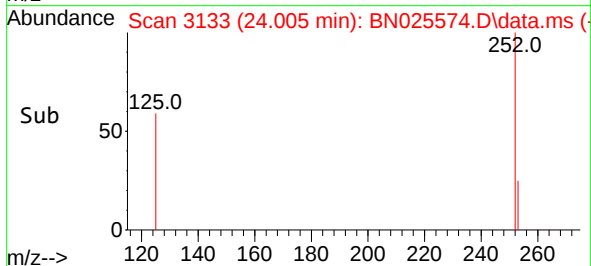
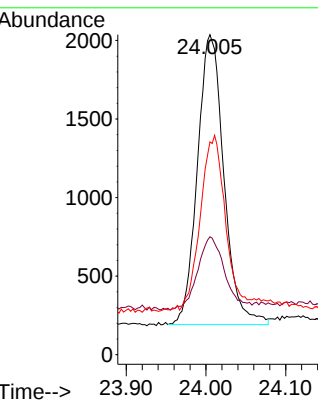
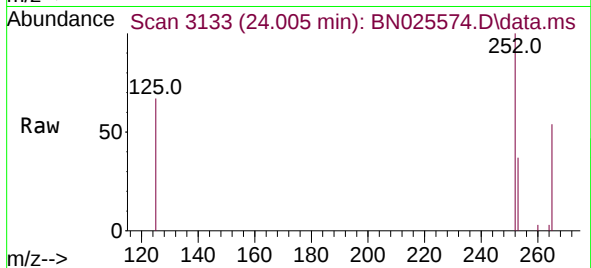
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:252	Resp:	4258
Ion Ratio	Lower	Upper
252	100	
253	36.9	20.3 30.5
125	66.5	12.7 19.1

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



#40

Dibenzo(a,h)anthracene

Concen: 0.112 ng

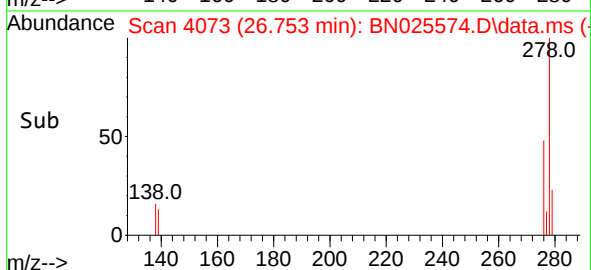
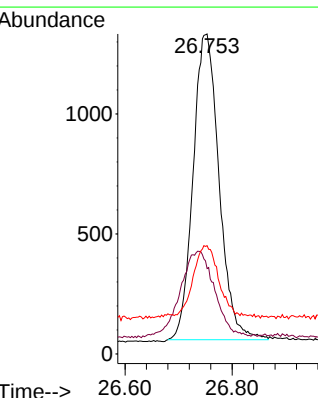
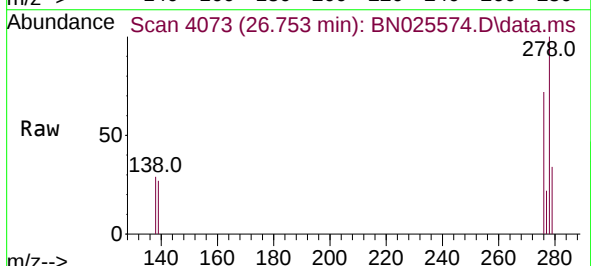
RT: 26.753 min Scan# 4073

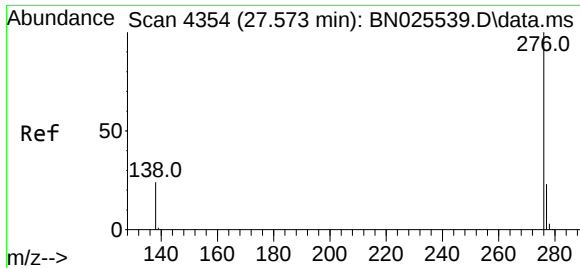
Delta R.T. -0.040 min

Lab File: BN025574.D

Acq: 23 May 2023 15:48

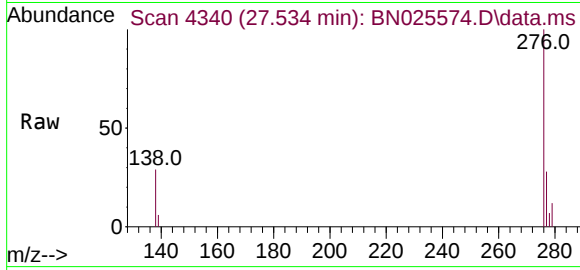
Tgt Ion:278	Resp:	4292
Ion Ratio	Lower	Upper
278	100	
139	26.7	15.8 23.6
279	33.8	21.0 31.6





#41
 Benzo(g,h,i)perylene
 Concen: 0.108 ng
 RT: 27.534 min Scan# 41
 Delta R.T. -0.040 min
 Lab File: BN025574.D
 Acq: 23 May 2023 15:48

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023



Tgt Ion:	276	Resp:	436
Ion Ratio	Lower	Upper	
276	100		
277	27.5	19.3	28.9
138	28.7	20.6	30.8

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

