

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090524\
 Data File : BN033767.D
 Acq On : 05 Sep 2024 14:10
 Operator : MA/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 05 15:00:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	6430	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	16657	0.400	ng	0.00
13) Acenaphthene-d10	14.146	164	7715	0.400	ng	-0.01
19) Phenanthrene-d10	16.905	188	15410	0.400	ng	0.00
29) Chrysene-d12	21.113	240	12004	0.400	ng	0.00
35) Perylene-d12	23.271	264	12321	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	5021	0.255	ng	0.00
5) Phenol-d6	6.707	99	6245	0.268	ng	0.00
8) Nitrobenzene-d5	8.649	82	4214	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	11.873	152	10685	0.454	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	940	0.241	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	9700	0.302	ng	0.00
27) Fluoranthene-d10	18.947	212	17962	0.472	ng	0.00
31) Terphenyl-d14	19.560	244	7814	0.305	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	918m	0.125	ng	
3) n-Nitrosodimethylamine	3.464	42	1068	0.124	ng	# 91
6) bis(2-Chloroethyl)ether	6.953	93	2211	0.126	ng	99
9) Naphthalene	10.325	128	5207	0.117	ng	96
10) Hexachlorobutadiene	10.613	225	1065	0.115	ng	# 98
12) 2-Methylnaphthalene	11.945	142	3146	0.115	ng	98
16) Acenaphthylene	13.868	152	3657	0.110	ng	99
17) Acenaphthene	14.210	154	2626	0.115	ng	99
18) Fluorene	15.204	166	3187	0.113	ng	100
20) 4,6-Dinitro-2-methylph...	15.301	198	200	0.082	ng	# 63
21) 4-Bromophenyl-phenylether	16.110	248	985	0.110	ng	99
22) Hexachlorobenzene	16.209	284	1160	0.113	ng	99
23) Atrazine	16.396	200	756	0.106	ng	94
24) Pentachlorophenol	16.569	266	440	0.105	ng	92
25) Phenanthrene	16.942	178	4869	0.115	ng	99
26) Anthracene	17.029	178	4124	0.112	ng	99
28) Fluoranthene	18.975	202	5314	0.112	ng	100
30) Pyrene	19.342	202	5330	0.110	ng	100
32) Benzo(a)anthracene	21.104	228	4813	0.112	ng	96
33) Chrysene	21.148	228	4883	0.115	ng	99
34) Bis(2-ethylhexyl)phtha...	21.059	149	3460	0.148	ng	100
36) Indeno(1,2,3-cd)pyrene	25.402	276	6007	0.118	ng	97
37) Benzo(b)fluoranthene	22.633	252	5080	0.112	ng	# 80
38) Benzo(k)fluoranthene	22.674	252	5346	0.121	ng	# 74
39) Benzo(a)pyrene	23.177	252	4398	0.116	ng	# 75
40) Dibenzo(a,h)anthracene	25.420	278	4773	0.117	ng	# 90
41) Benzo(g,h,i)perylene	26.048	276	5021	0.113	ng	94

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

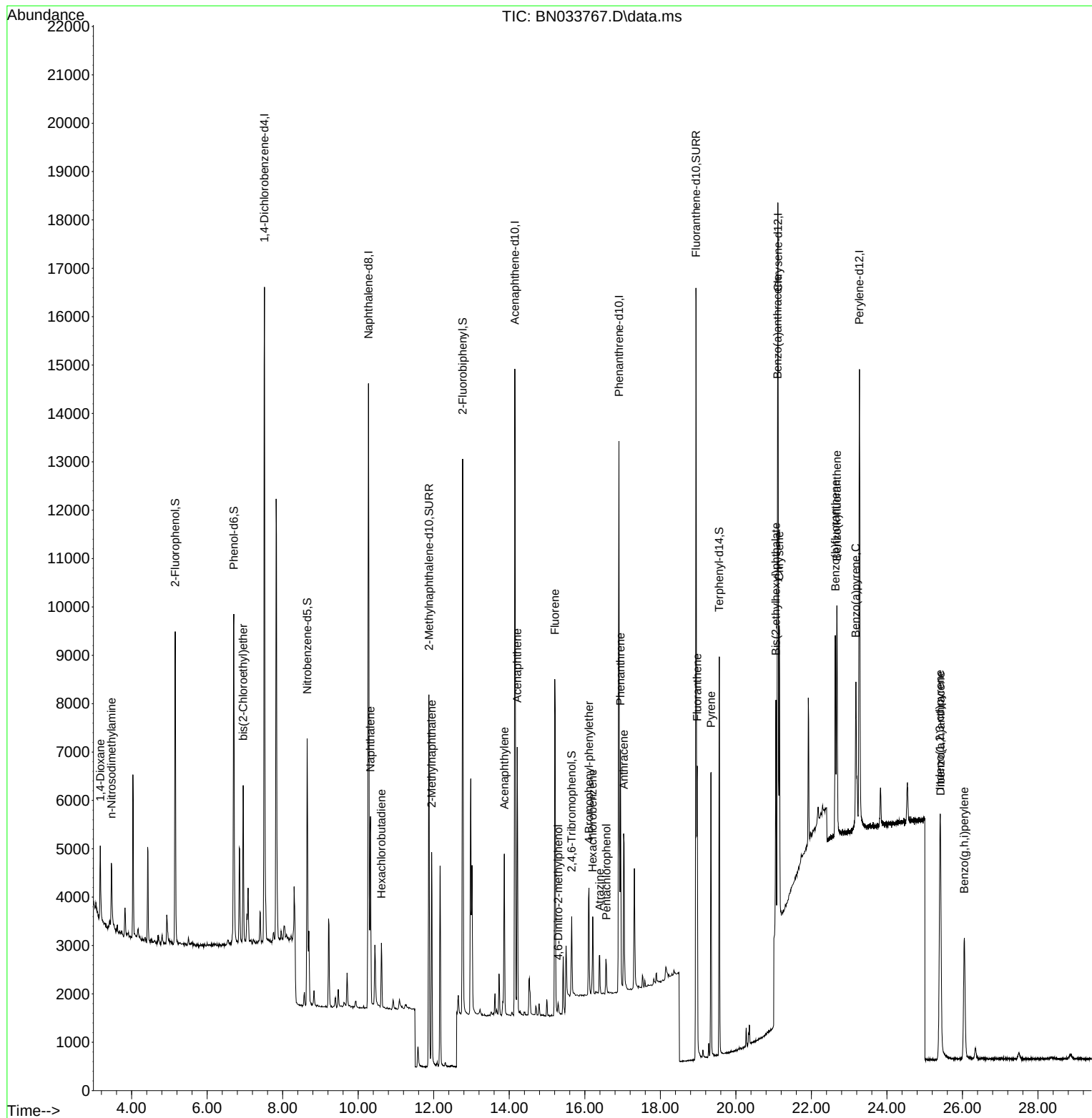
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090524\
 Data File : BN033767.D
 Acq On : 05 Sep 2024 14:10
 Operator : MA/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 9 Sample Multiplier: 1

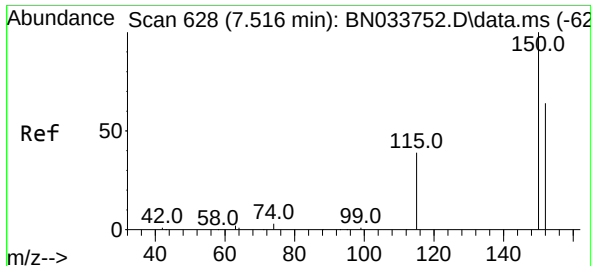
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 05 15:00:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

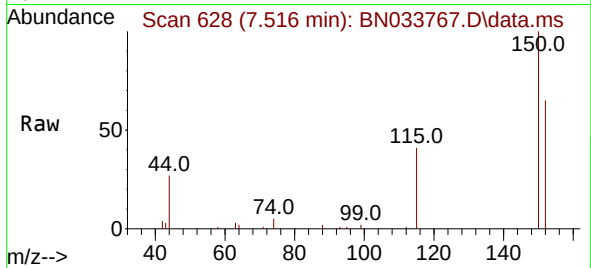
Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/07/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.516 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN033767.D
 Acq: 05 Sep 2024 14:10

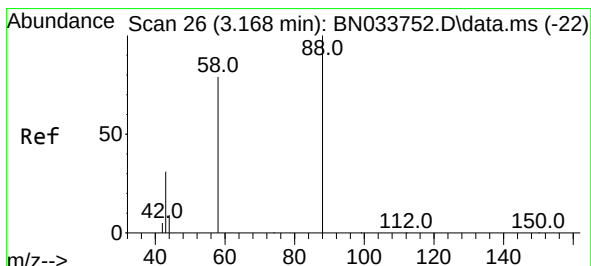
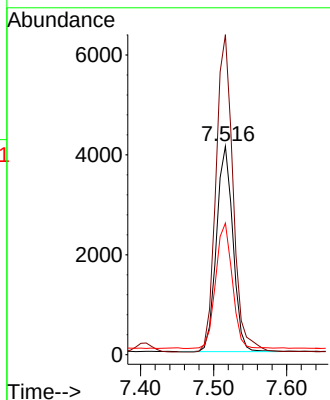
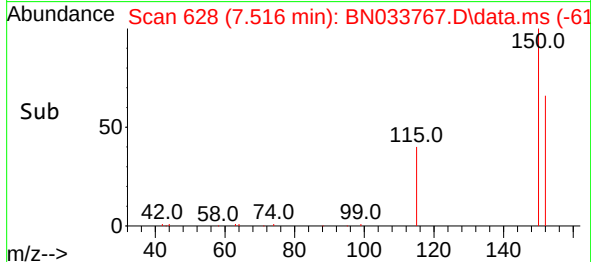
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024



Tgt Ion: 152 Resp: 6430
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.3 184.9
 115 63.1 51.0 76.4

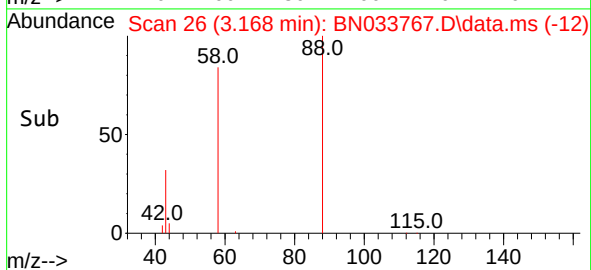
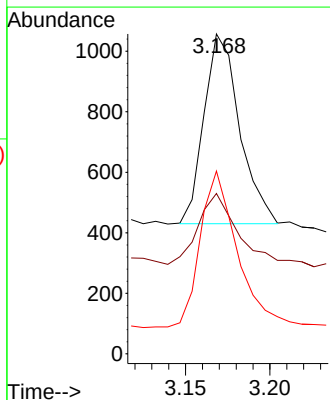
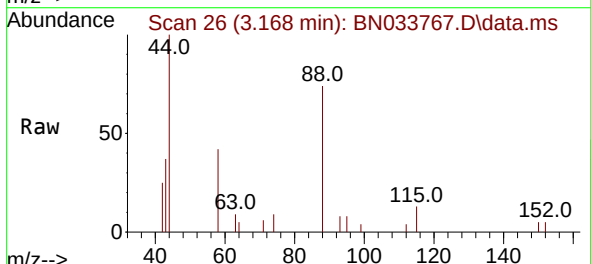
Manual Integrations
 APPROVED

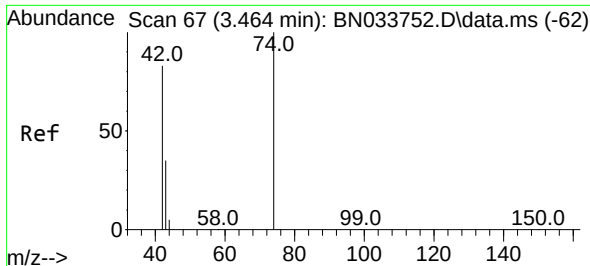
Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/07/2024



#2
 1,4-Dioxane
 Concen: 0.125 ng m
 RT: 3.168 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN033767.D
 Acq: 05 Sep 2024 14:10

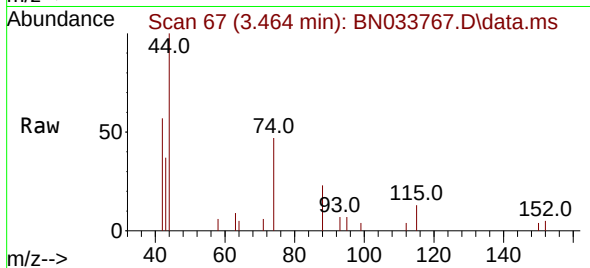
Tgt Ion: 88 Resp: 918
 Ion Ratio Lower Upper
 88 100
 43 45.5 29.0 43.4#
 58 88.0 64.1 96.1





#3
n-Nitrosodimethylamine
Concen: 0.124 ng
RT: 3.464 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

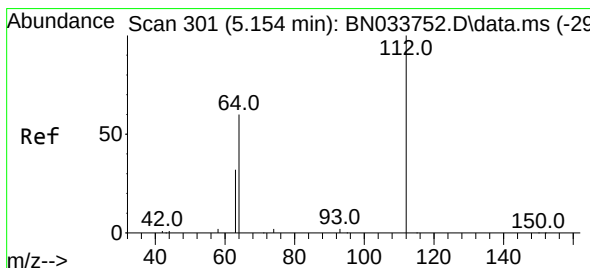
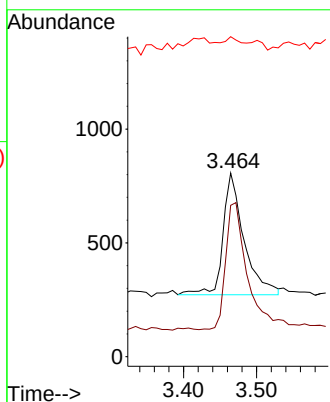
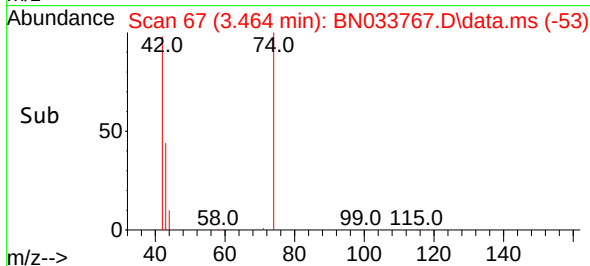
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 42 Resp: 1068
Ion Ratio Lower Upper
42 100
74 107.6 93.5 140.3
44 3.0 7.4 11.0

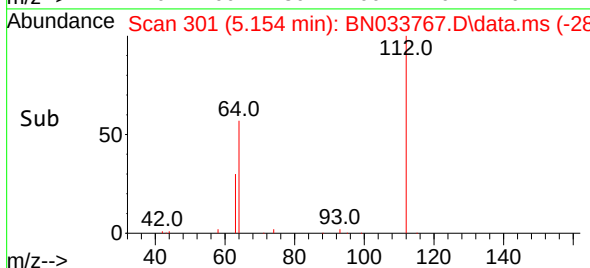
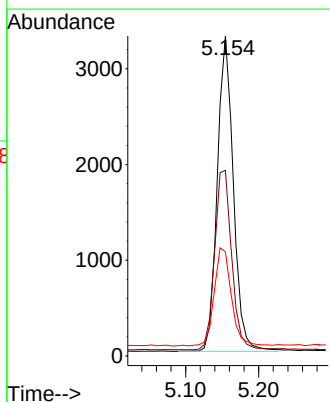
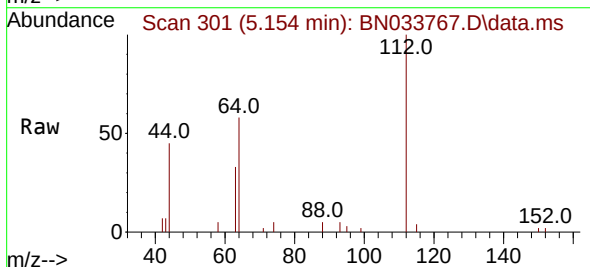
Manual Integrations
APPROVED

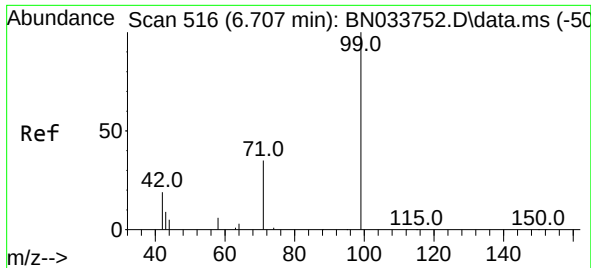
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#4
2-Fluorophenol
Concen: 0.255 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

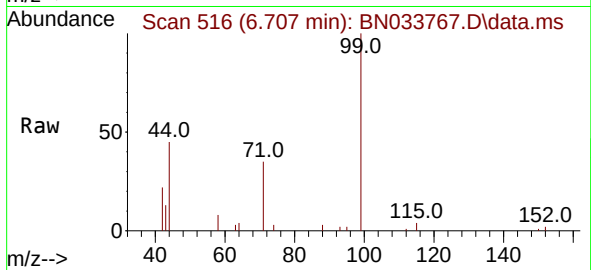
Tgt Ion:112 Resp: 5021
Ion Ratio Lower Upper
112 100
64 60.5 47.6 71.4
63 33.3 25.9 38.9





#5
Phenol-d6
Concen: 0.268 ng
RT: 6.707 min Scan# 516
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

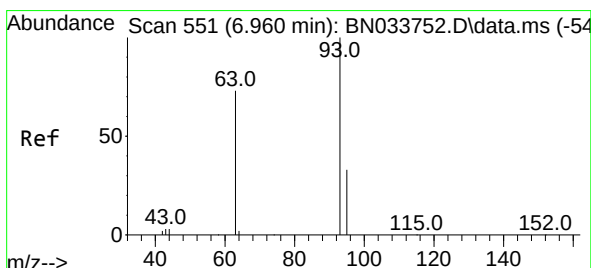
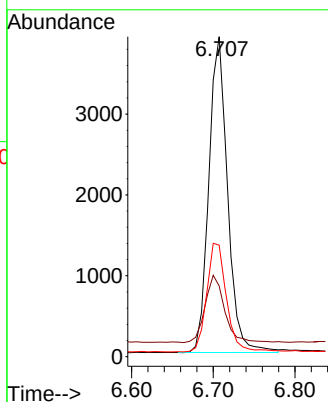
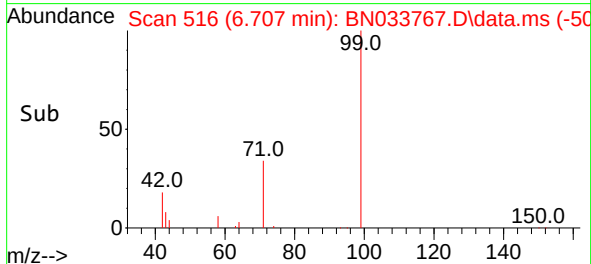
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion: 99 Resp: 6245
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 36.3 28.7 43.1

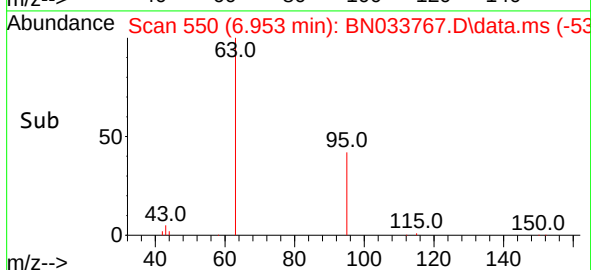
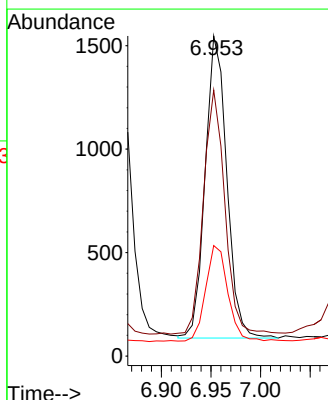
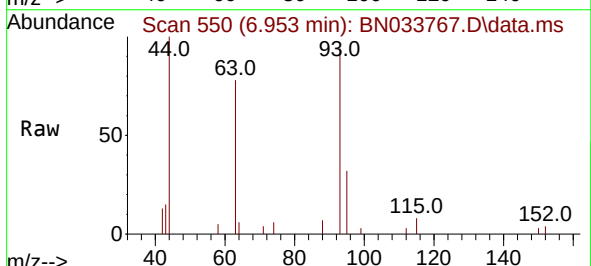
Manual Integrations
APPROVED

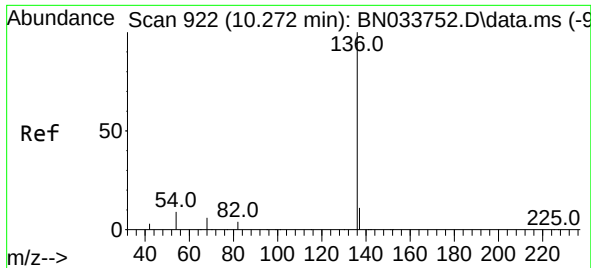
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.126 ng
RT: 6.953 min Scan# 550
Delta R.T. -0.007 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

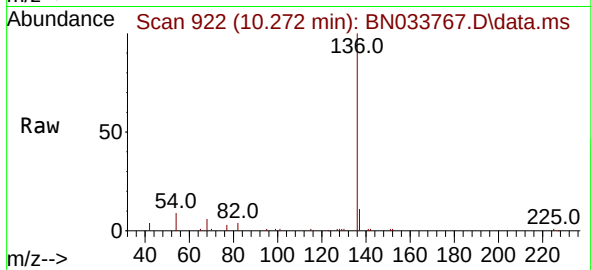
Tgt Ion: 93 Resp: 2211
Ion Ratio Lower Upper
93 100
63 80.0 64.4 96.6
95 33.4 26.5 39.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

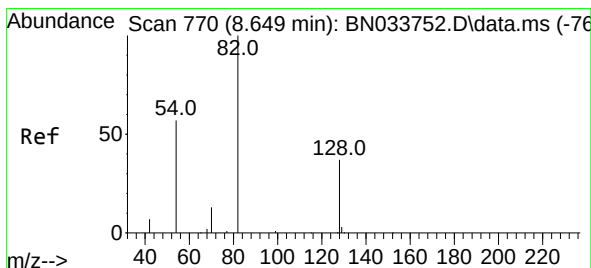
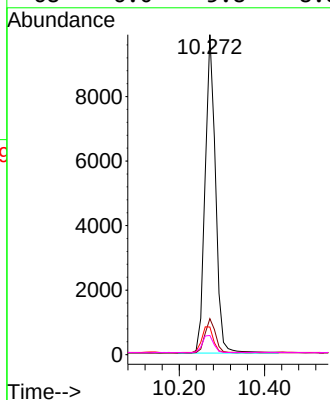
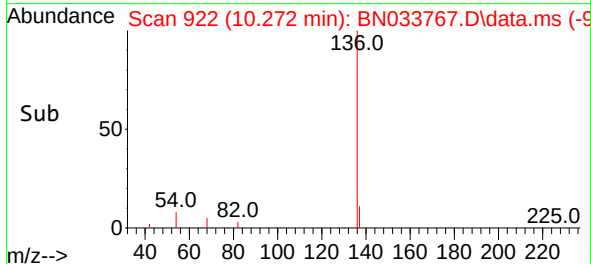
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:	136	Resp:	1665
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.6	8.1	12.1
68	6.0	5.8	8.8

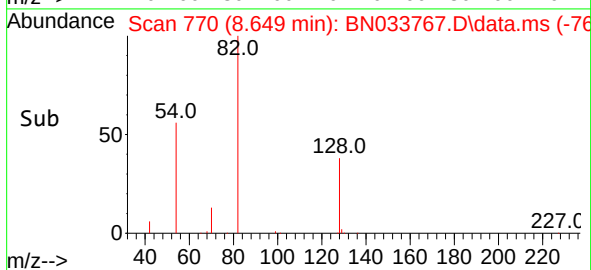
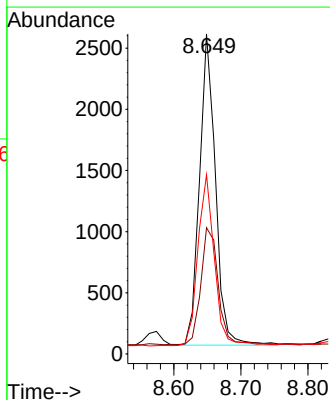
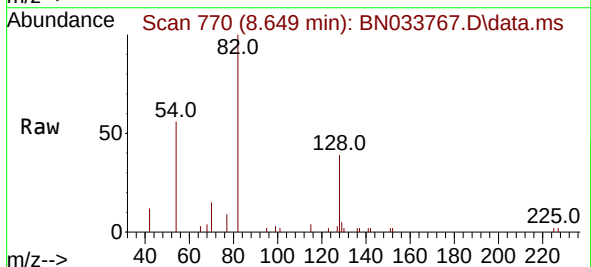
Manual Integrations
APPROVED

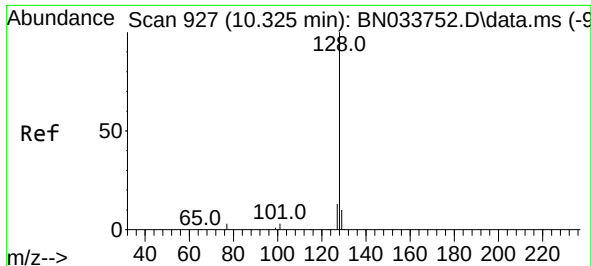
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.649 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

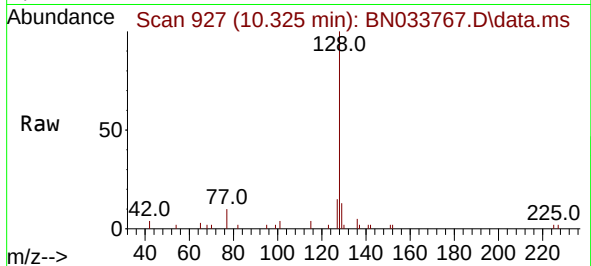
Tgt Ion:	82	Resp:	4214
Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	56.0	46.9	70.3





#9
Naphthalene
Concen: 0.117 ng
RT: 10.325 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

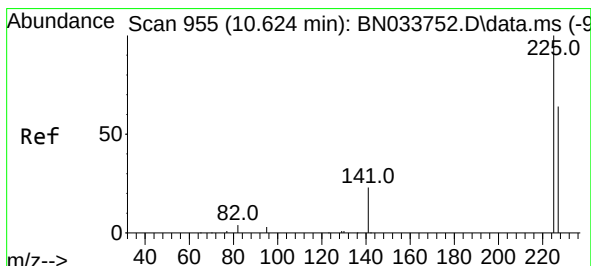
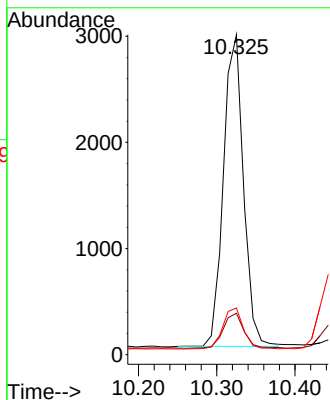
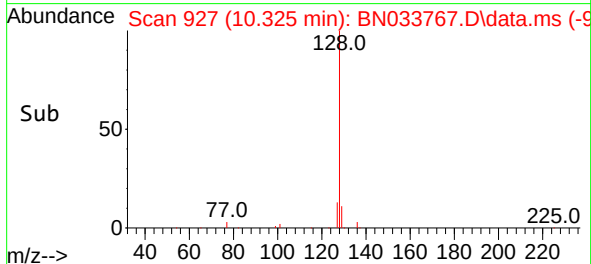
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:128 Resp: 520
Ion Ratio Lower Upper
128 100
129 13.0 8.9 13.3
127 14.6 10.8 16.2

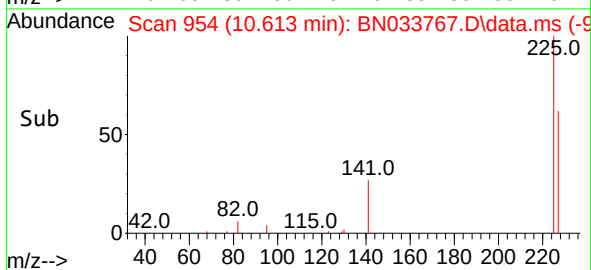
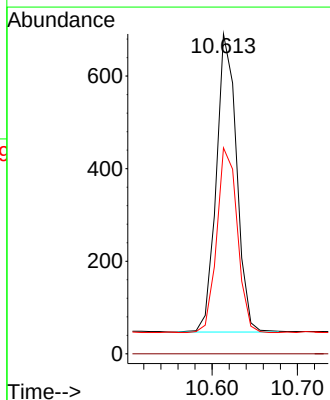
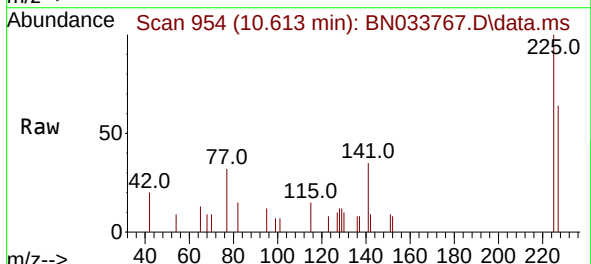
Manual Integrations
APPROVED

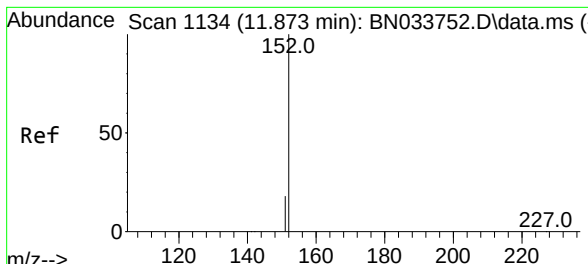
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#10
Hexachlorobutadiene
Concen: 0.115 ng
RT: 10.613 min Scan# 954
Delta R.T. -0.011 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

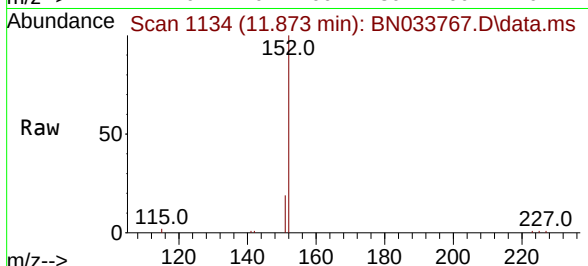
Tgt Ion:225 Resp: 1065
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.5 51.2 76.8





#11
2-Methylnaphthalene-d10
Concen: 0.454 ng
RT: 11.873 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

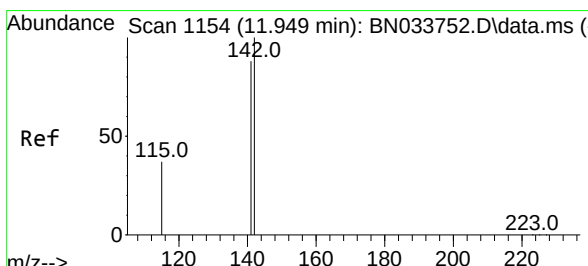
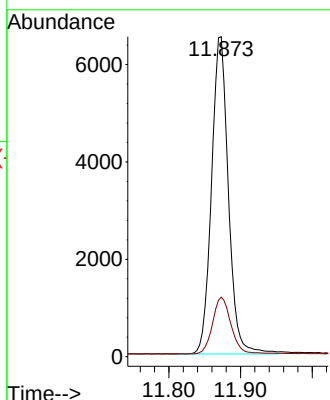
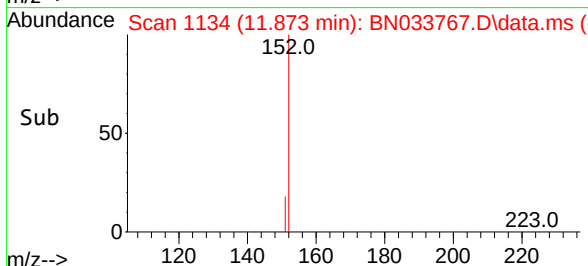
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



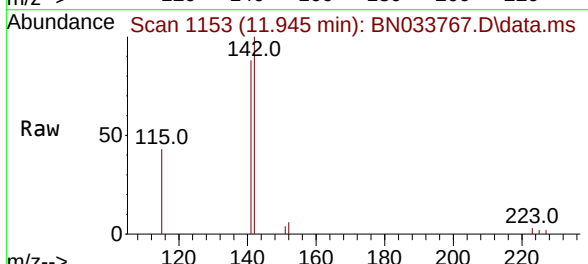
Tgt Ion:152 Resp: 1068
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1

Manual Integrations
APPROVED

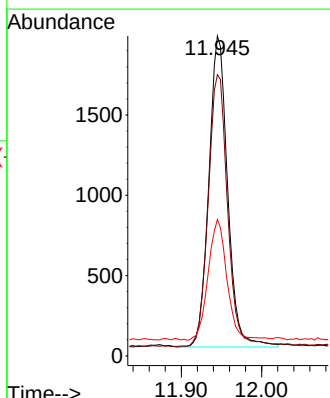
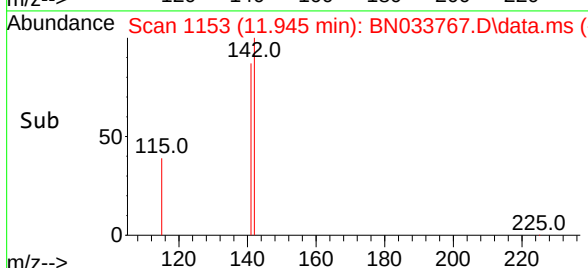
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

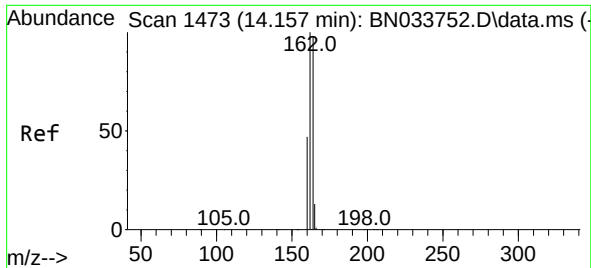


#12
2-Methylnaphthalene
Concen: 0.115 ng
RT: 11.945 min Scan# 1153
Delta R.T. -0.004 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10



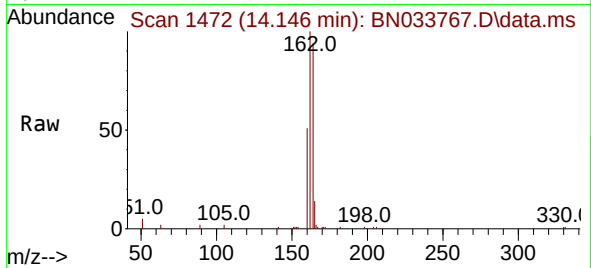
Tgt Ion:142 Resp: 3146
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3
115 42.6 31.0 46.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

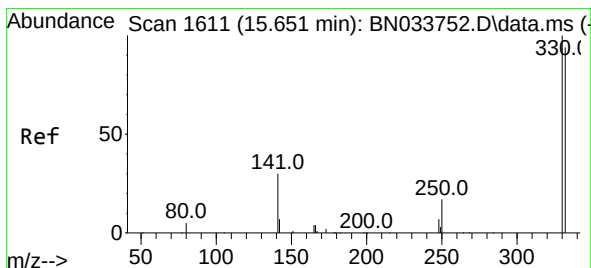
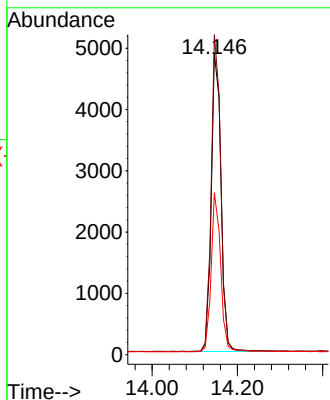
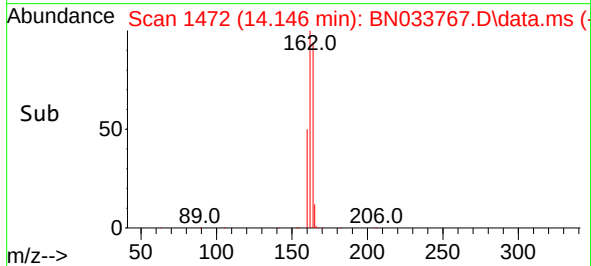
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT2-2024



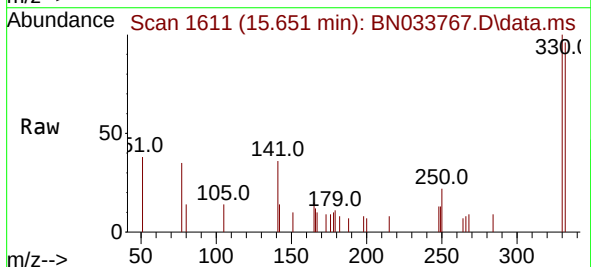
Tgt Ion:164 Resp: 771.0
Ion Ratio Lower Upper
164 100
162 106.2 82.0 123.0
160 53.7 39.1 58.7

Manual Integrations
APPROVED

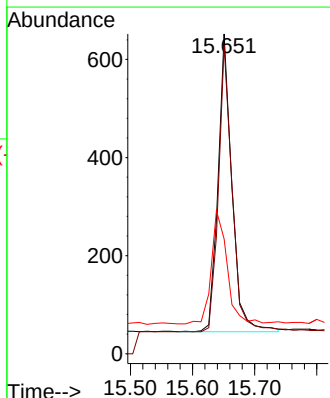
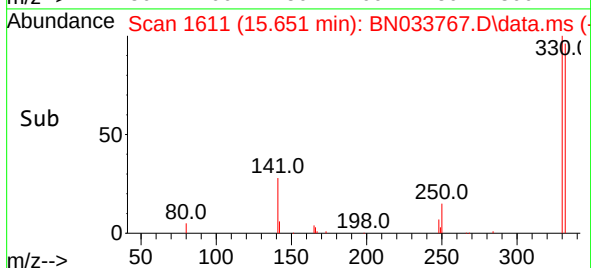
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

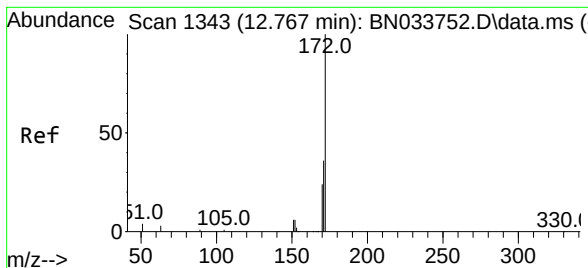


#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10



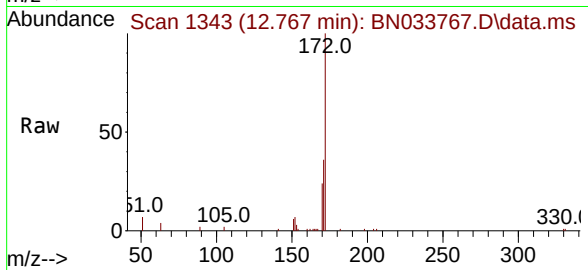
Tgt Ion:330 Resp: 940
Ion Ratio Lower Upper
330 100
332 94.6 74.2 111.4
141 43.4 33.9 50.9





#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.767 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

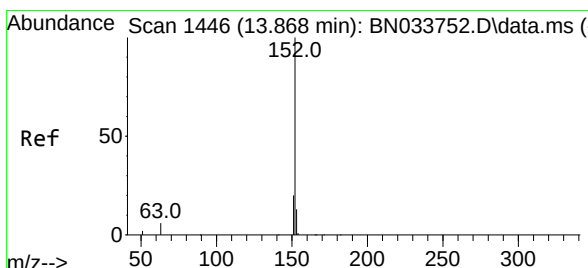
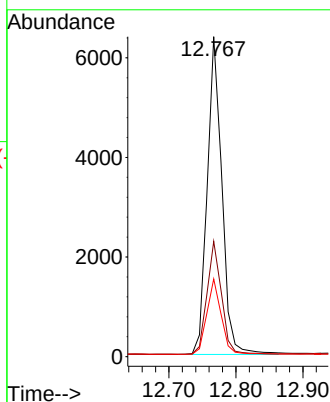
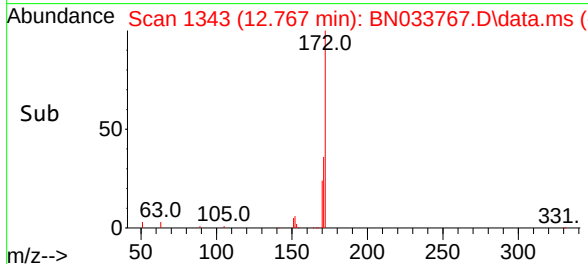
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:172 Resp: 9700
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.3 19.7 29.5

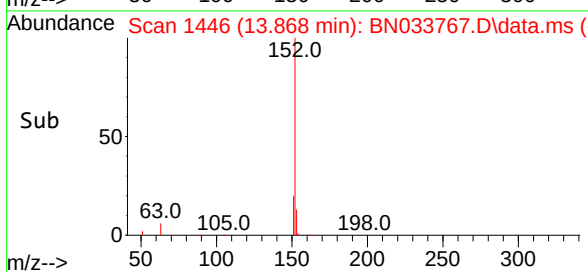
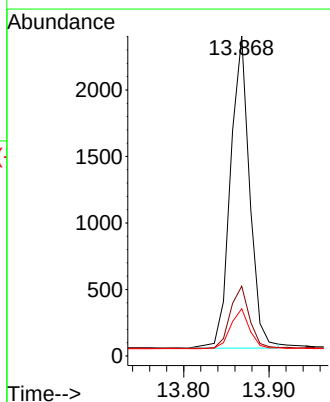
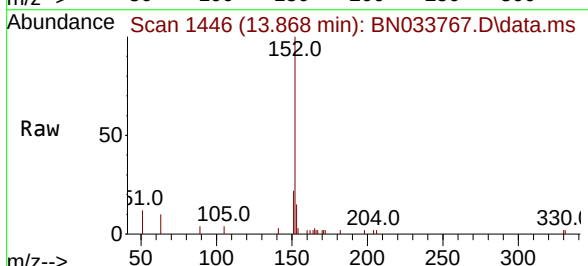
Manual Integrations
APPROVED

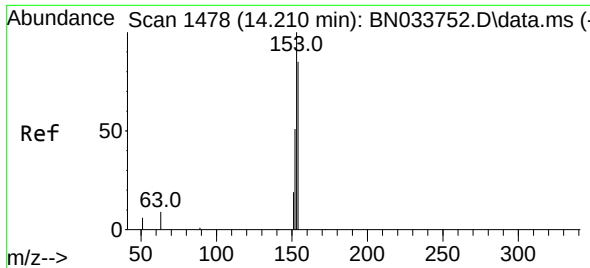
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#16
Acenaphthylene
Concen: 0.110 ng
RT: 13.868 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

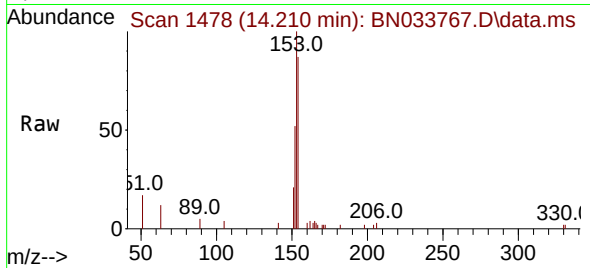
Tgt Ion:152 Resp: 3657
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 12.7 10.3 15.5





#17
Acenaphthene
Concen: 0.115 ng
RT: 14.210 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

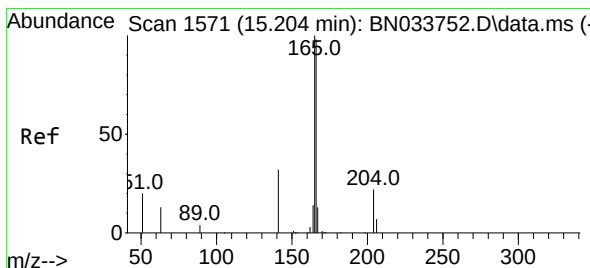
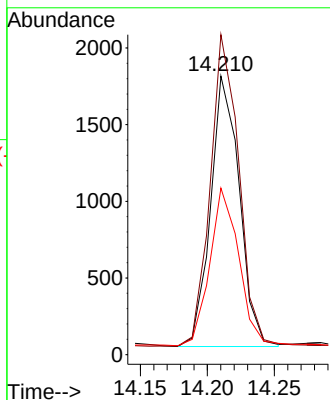
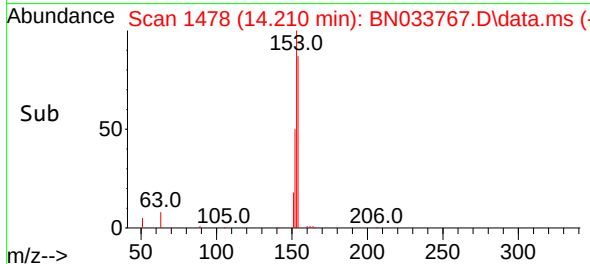
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:154 Resp: 2620
Ion Ratio Lower Upper
154 100
153 114.6 91.4 137.2
152 58.1 45.8 68.6

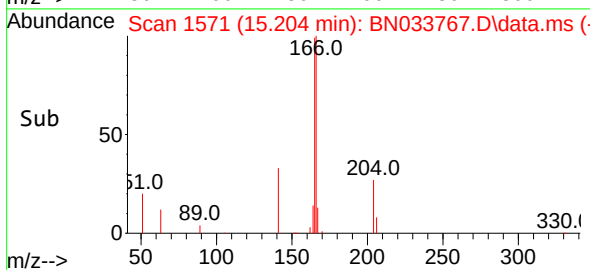
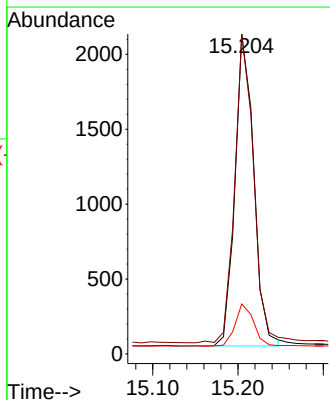
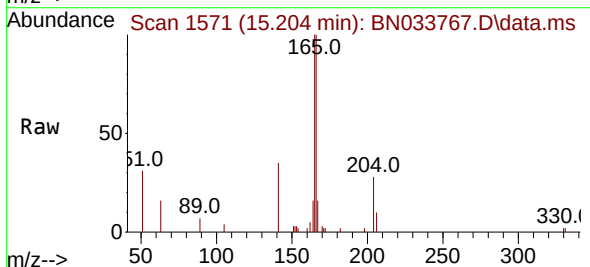
Manual Integrations
APPROVED

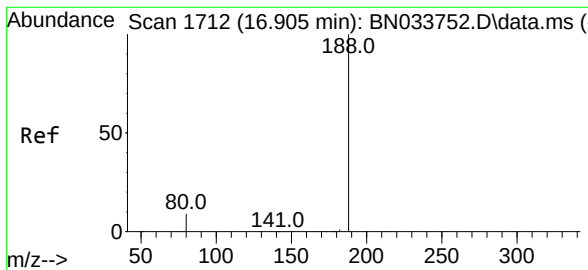
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#18
Fluorene
Concen: 0.113 ng
RT: 15.204 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

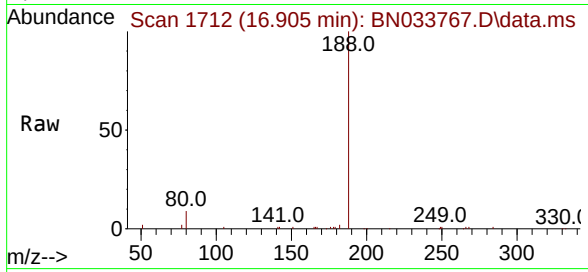
Tgt Ion:166 Resp: 3187
Ion Ratio Lower Upper
166 100
165 98.3 78.8 118.2
167 13.5 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.905 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

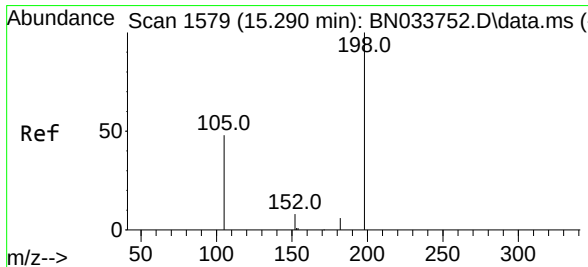
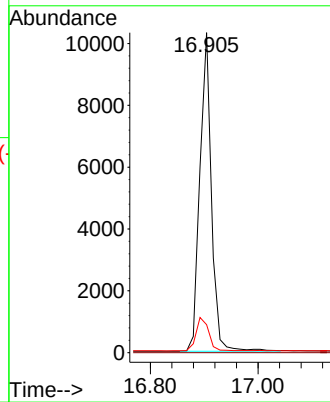
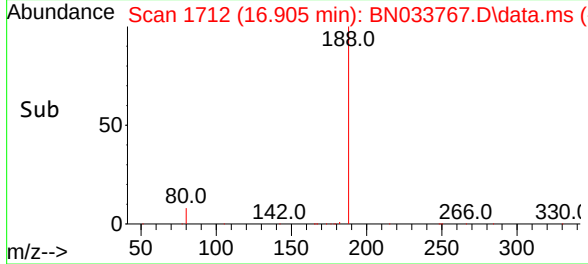
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:188 Resp: 15410
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.9 11.9

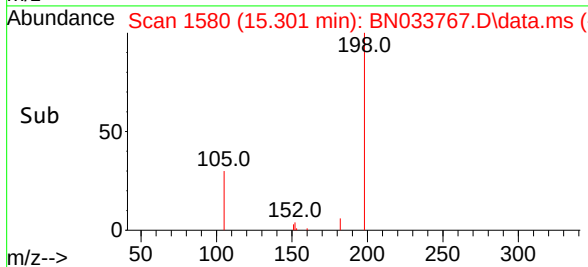
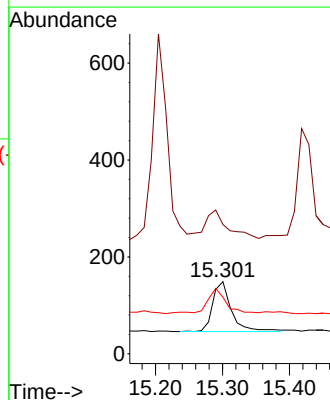
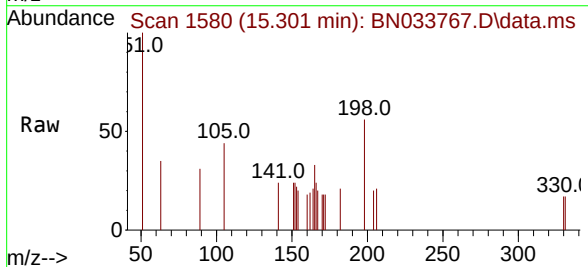
Manual Integrations
APPROVED

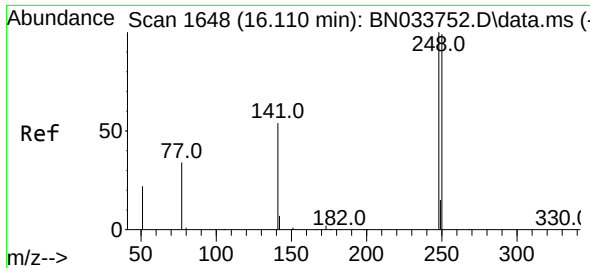
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.082 ng
RT: 15.301 min Scan# 1580
Delta R.T. 0.011 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

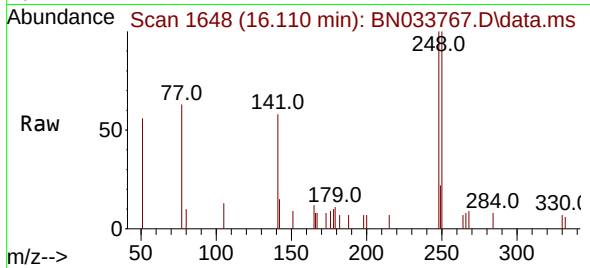
Tgt Ion:198 Resp: 200
Ion Ratio Lower Upper
198 100
51 179.2 92.8 139.2#
105 78.5 59.4 89.0





#21
4-Bromophenyl-phenylether
Concen: 0.110 ng
RT: 16.110 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

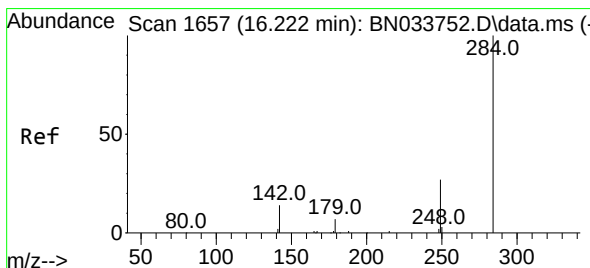
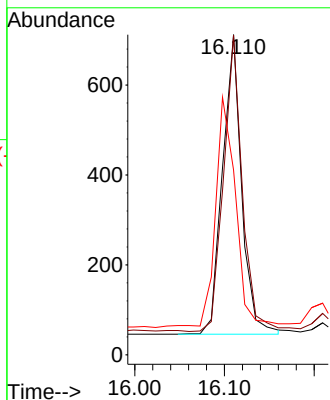
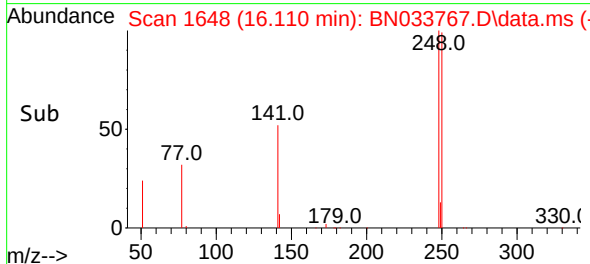
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



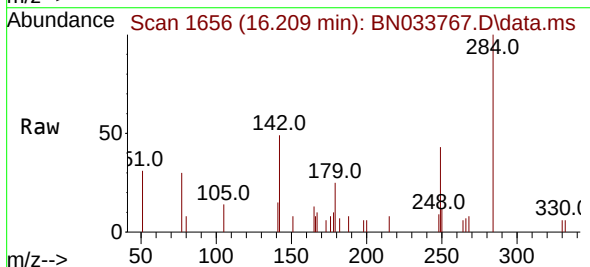
Tgt Ion:248 Resp: 98.5
Ion Ratio Lower Upper
248 100
250 99.9 79.5 119.3
141 57.7 44.9 67.3

Manual Integrations
APPROVED

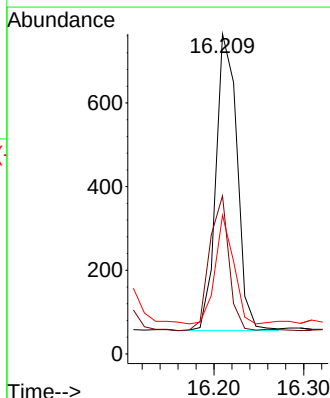
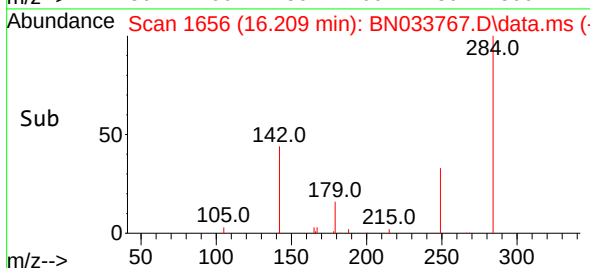
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

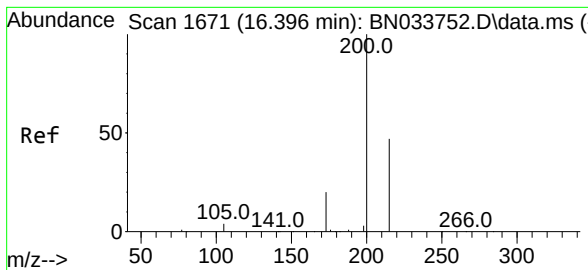


#22
Hexachlorobenzene
Concen: 0.113 ng
RT: 16.209 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10



Tgt Ion:284 Resp: 1160
Ion Ratio Lower Upper
284 100
142 41.6 32.8 49.2
249 32.2 26.2 39.2





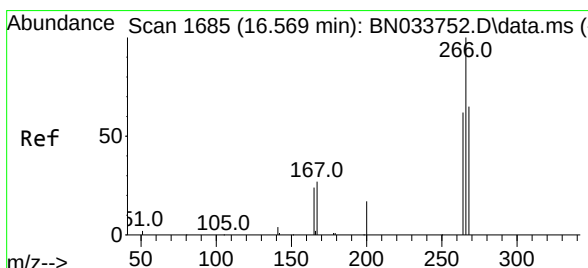
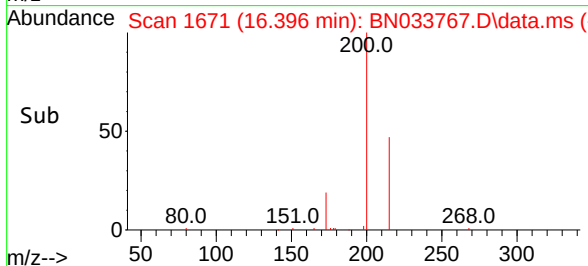
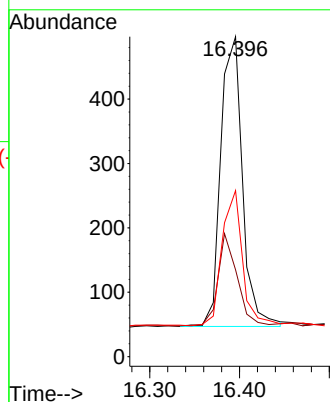
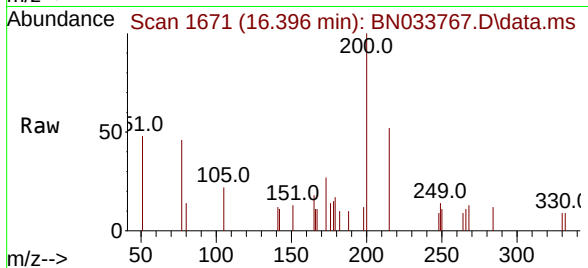
#23
Atrazine
 Concen: 0.106 ng
 RT: 16.396 min Scan# 1671
 Delta R.T. -0.000 min
 Lab File: BN033767.D
 Acq: 05 Sep 2024 14:10

Instrument :
 BNA_N
ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Tgt Ion:	200	Resp:	750
Ion Ratio	Lower	Upper	
200	100		
173	27.2	18.2	27.4
215	51.9	39.0	58.4

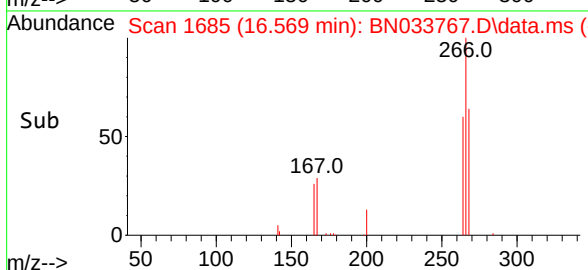
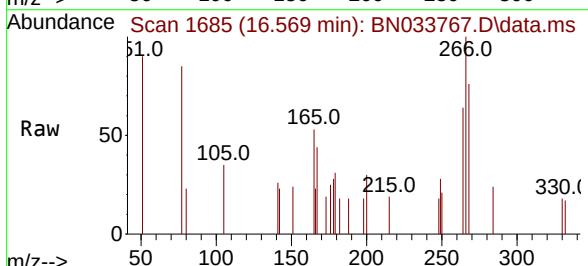
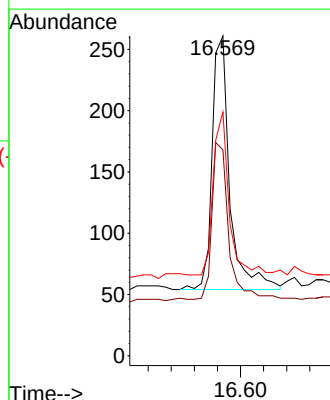
Manual Integrations
APPROVED

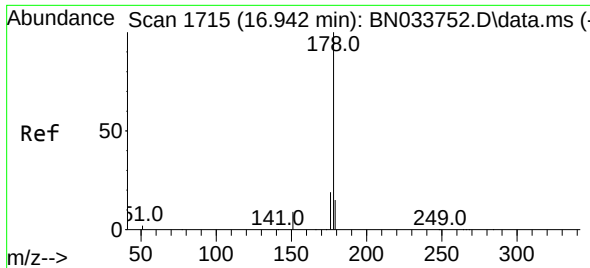
Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/07/2024



#24
Pentachlorophenol
 Concen: 0.105 ng
 RT: 16.569 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: BN033767.D
 Acq: 05 Sep 2024 14:10

Tgt Ion:	266	Resp:	440
Ion Ratio	Lower	Upper	
266	100		
264	58.0	49.6	74.4
268	57.0	52.2	78.4





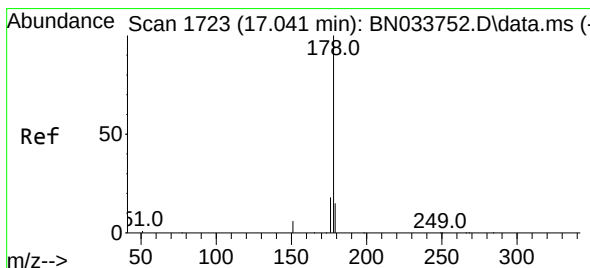
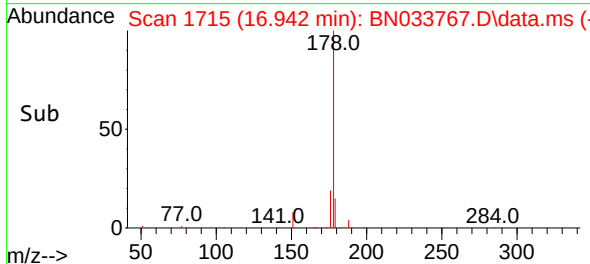
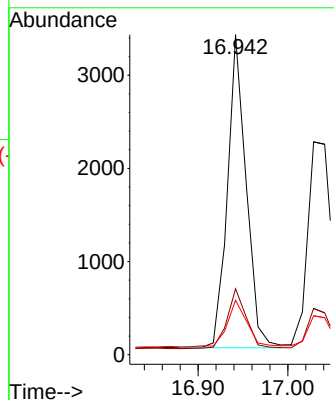
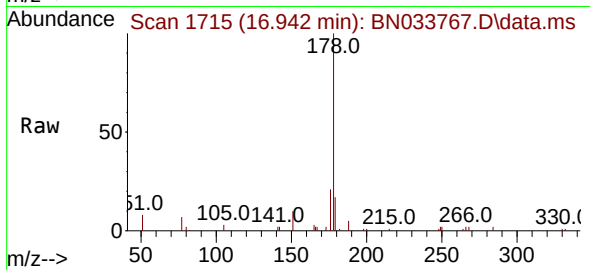
#25
Phenanthrene
Concen: 0.115 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion:178 Resp: 4869
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.8 12.2 18.4

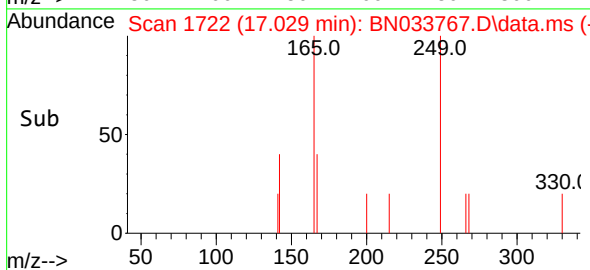
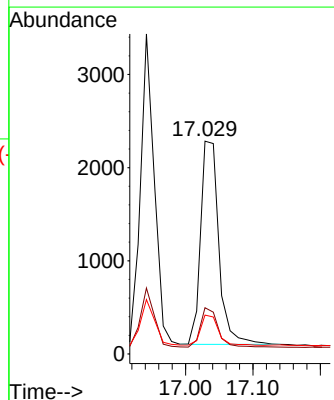
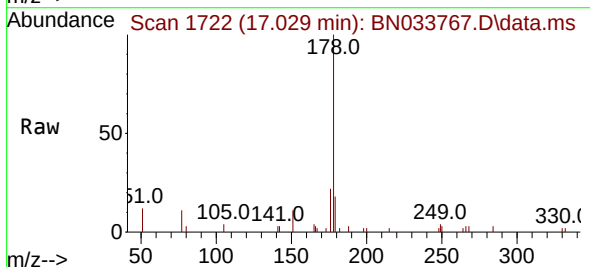
Manual Integrations
APPROVED

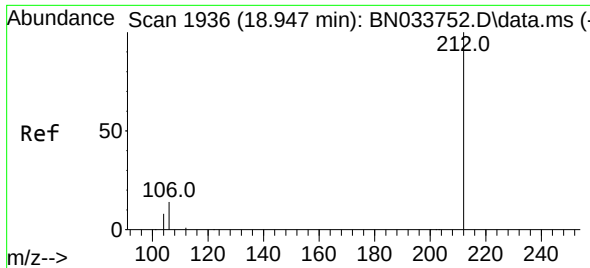
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#26
Anthracene
Concen: 0.112 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

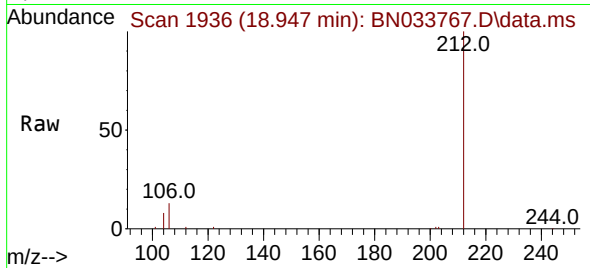
Tgt Ion:178 Resp: 4124
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 14.3 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.472 ng
RT: 18.947 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

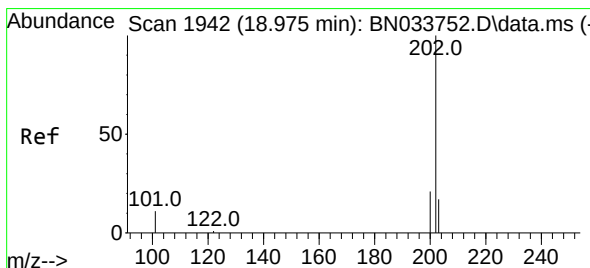
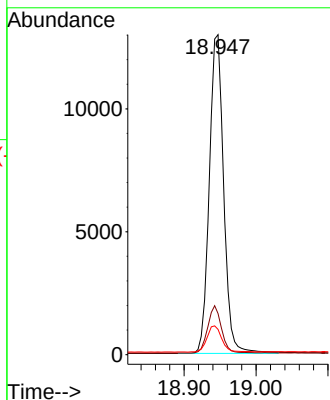
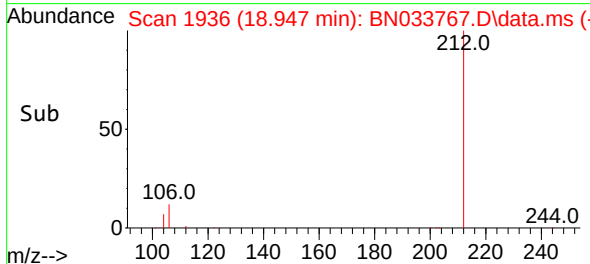
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



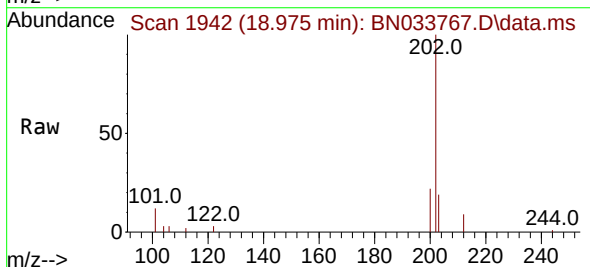
Tgt Ion:212 Resp: 17962
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 8.4 6.6 9.8

Manual Integrations
APPROVED

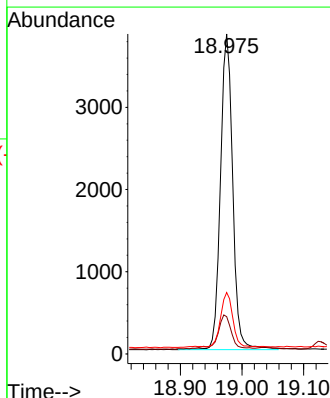
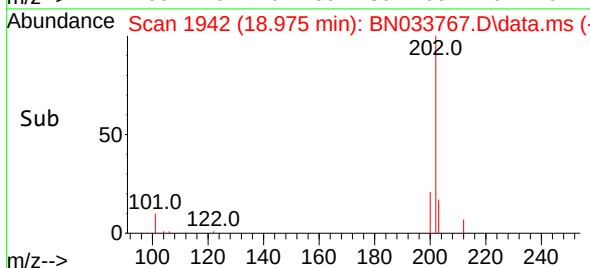
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

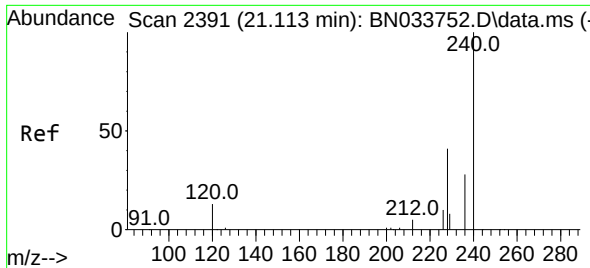


#28
Fluoranthene
Concen: 0.112 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10



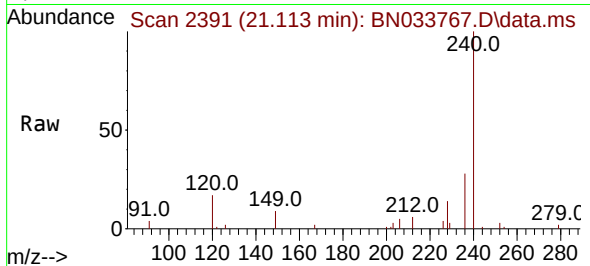
Tgt Ion:202 Resp: 5314
Ion Ratio Lower Upper
202 100
101 11.5 9.2 13.8
203 17.0 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.113 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

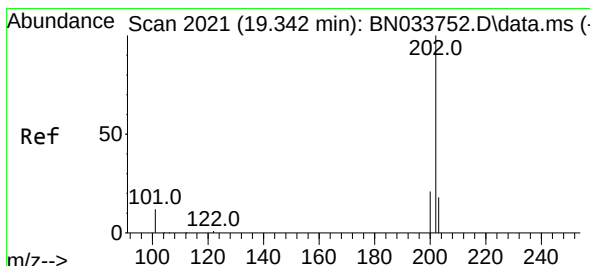
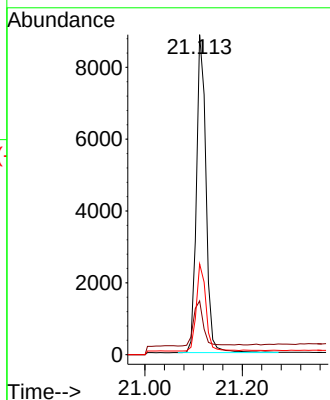
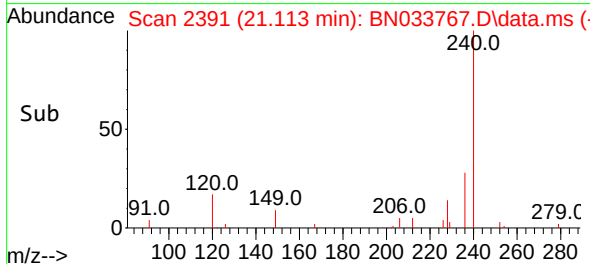
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



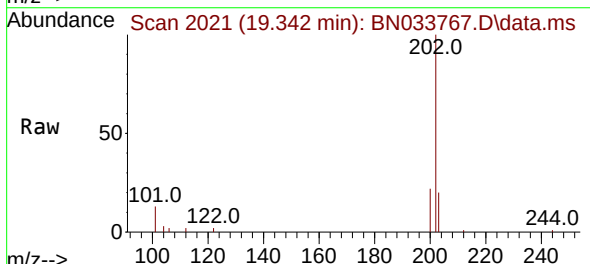
Tgt Ion:240 Resp: 12004
Ion Ratio Lower Upper
240 100
120 16.8 13.7 20.5
236 28.4 23.4 35.2

Manual Integrations
APPROVED

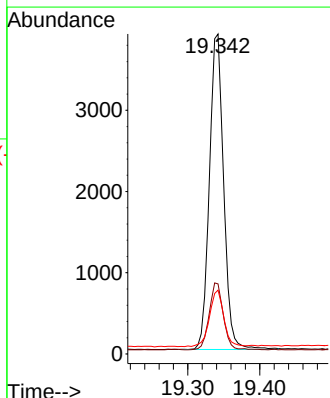
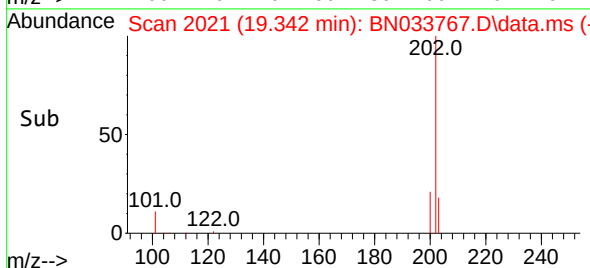
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

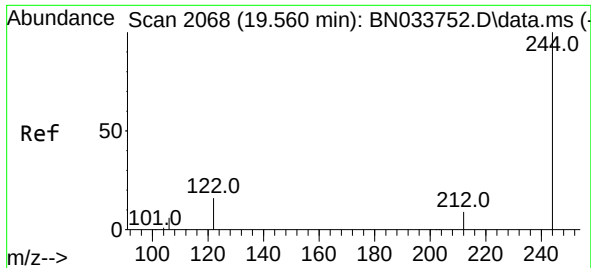


#30
Pyrene
Concen: 0.110 ng
RT: 19.342 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10



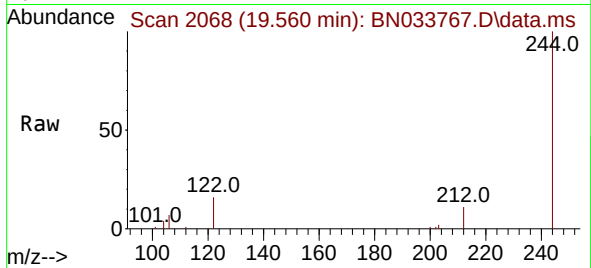
Tgt Ion:202 Resp: 5330
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 18.0 14.4 21.6





#31
Terphenyl-d14
Concen: 0.305 ng
RT: 19.560 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

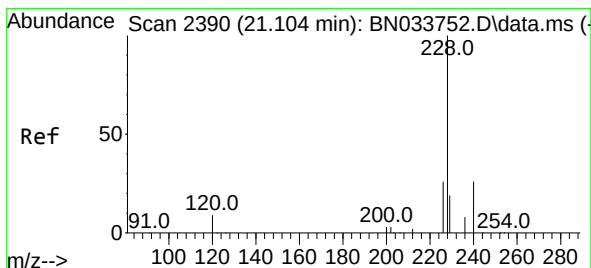
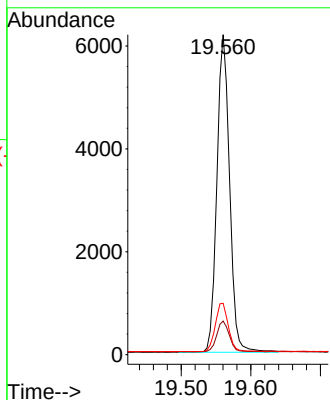
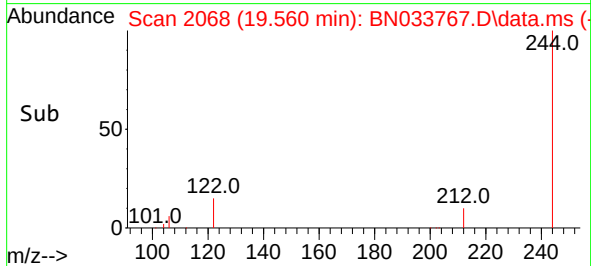
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:244 Resp: 7814
Ion Ratio Lower Upper
244 100
212 10.5 7.9 11.9
122 16.1 13.2 19.8

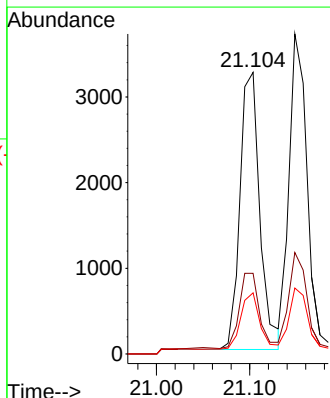
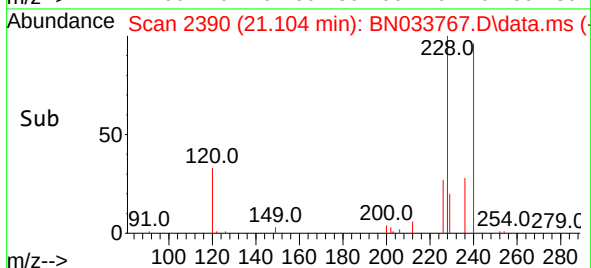
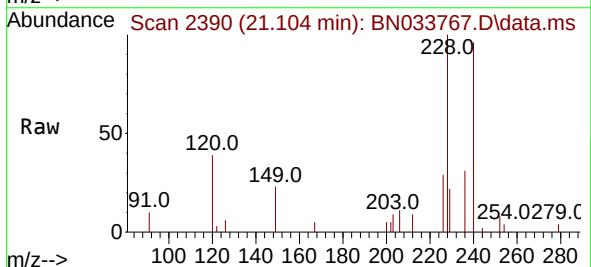
Manual Integrations
APPROVED

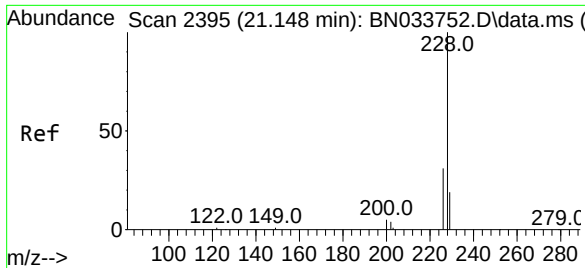
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#32
Benzo(a)anthracene
Concen: 0.112 ng
RT: 21.104 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

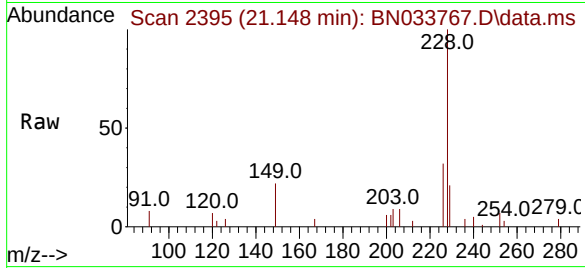
Tgt Ion:228 Resp: 4813
Ion Ratio Lower Upper
228 100
226 28.6 21.2 31.8
229 21.7 15.9 23.9





#33
Chrysene
Concen: 0.115 ng
RT: 21.148 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

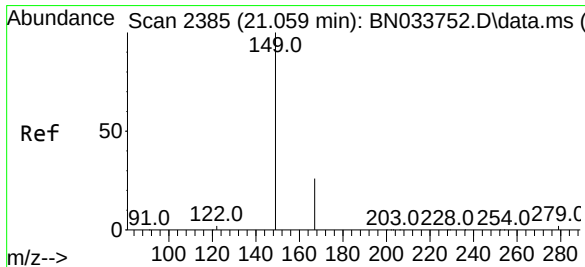
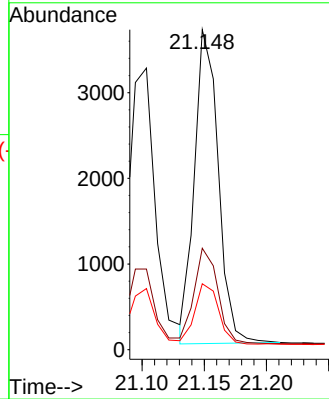
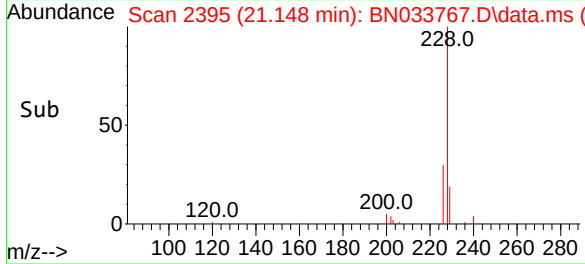
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



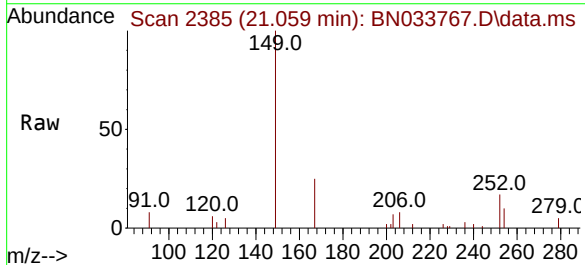
Tgt Ion: 228 Resp: 488
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.6
229 20.6 15.6 23.4

Manual Integrations
APPROVED

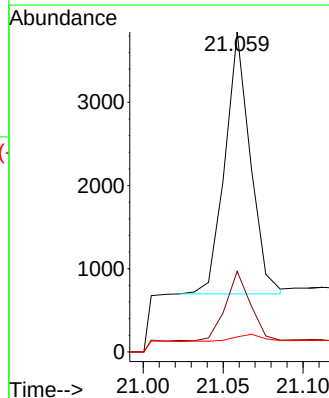
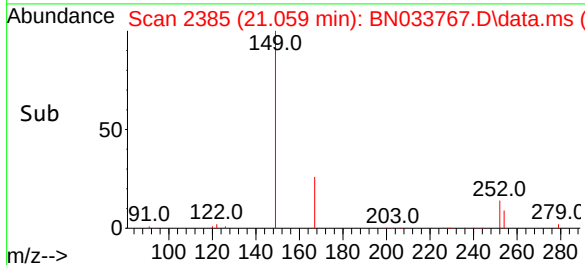
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

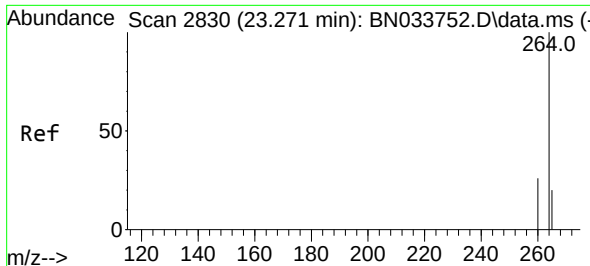


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.148 ng
RT: 21.059 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10



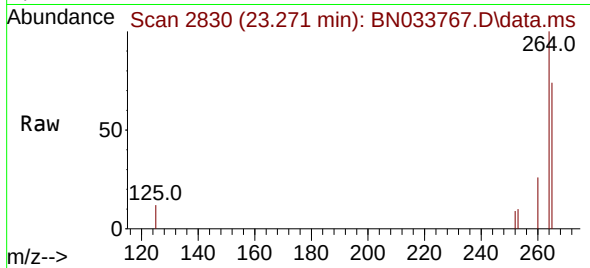
Tgt Ion: 149 Resp: 3460
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 3.2 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.271 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

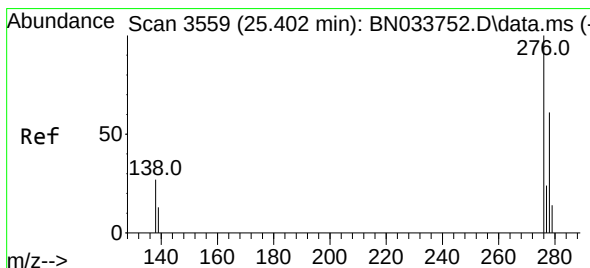
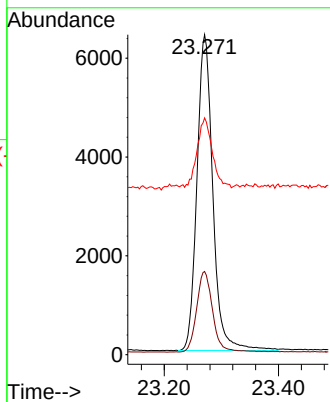
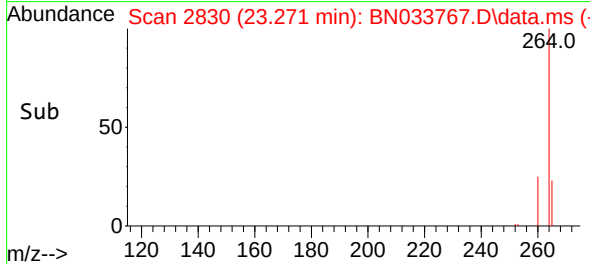
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:264 Resp: 1232
Ion Ratio Lower Upper
264 100
260 26.0 21.1 31.7
265 74.0 72.0 108.0

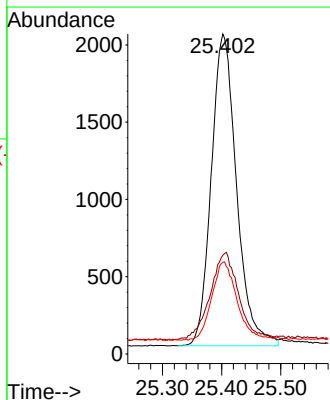
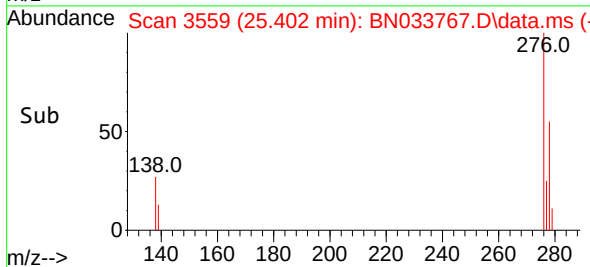
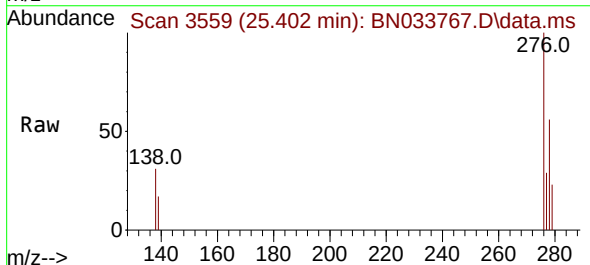
Manual Integrations
APPROVED

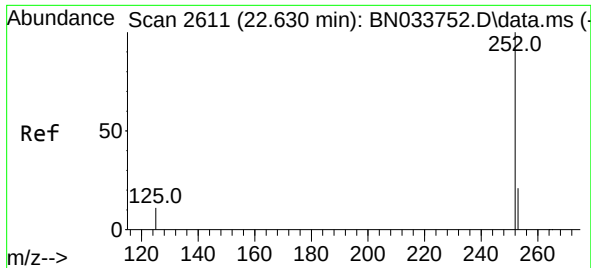
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng
RT: 25.402 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

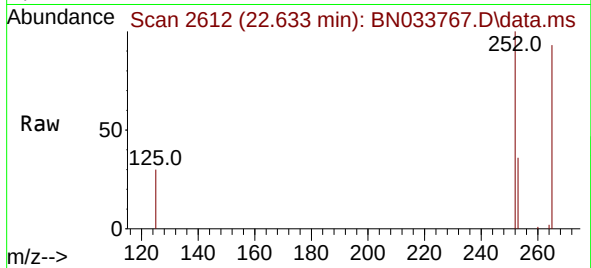
Tgt Ion:276 Resp: 6007
Ion Ratio Lower Upper
276 100
138 32.0 23.0 34.6
277 25.2 20.2 30.4





#37
Benzo(b)fluoranthene
Concen: 0.112 ng
RT: 22.633 min Scan# 2611
Delta R.T. 0.003 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

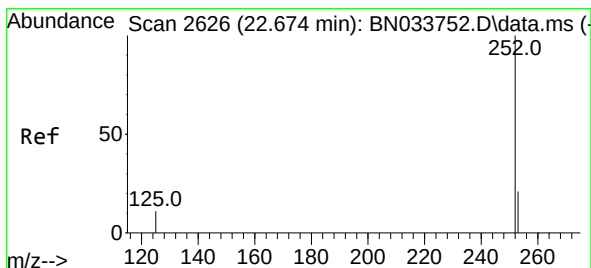
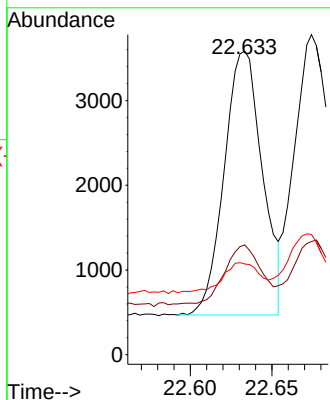
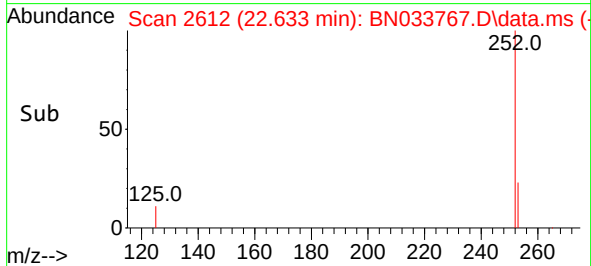
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:252 Resp: 5080
Ion Ratio Lower Upper
252 100
253 36.2 21.8 32.6#
125 29.9 15.4 23.0#

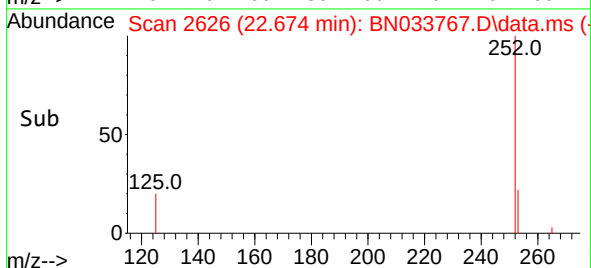
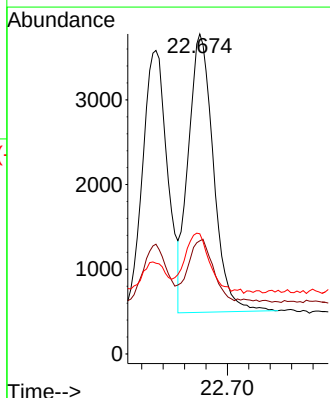
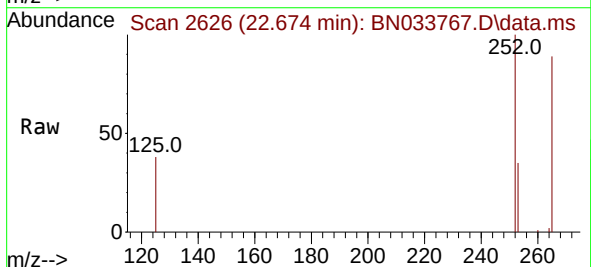
Manual Integrations
APPROVED

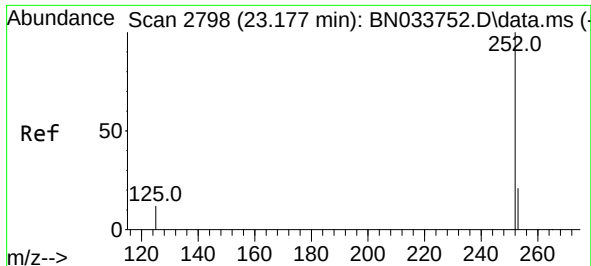
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#38
Benzo(k)fluoranthene
Concen: 0.121 ng
RT: 22.674 min Scan# 2626
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

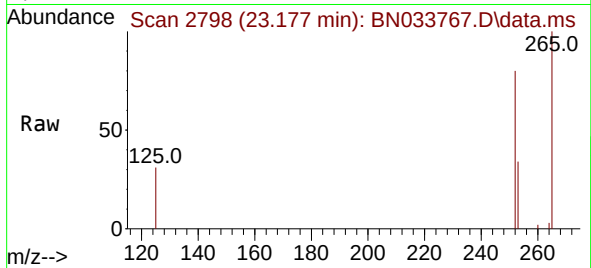
Tgt Ion:252 Resp: 5346
Ion Ratio Lower Upper
252 100
253 35.3 21.8 32.8#
125 37.6 15.4 23.2#





#39
Benzo(a)pyrene
Concen: 0.116 ng
RT: 23.177 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

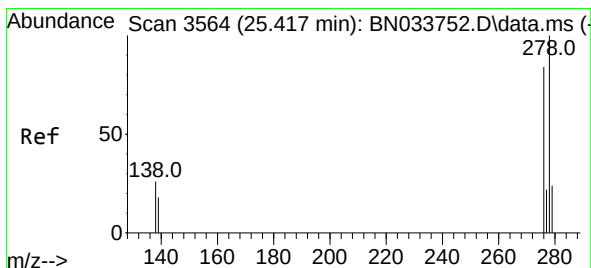
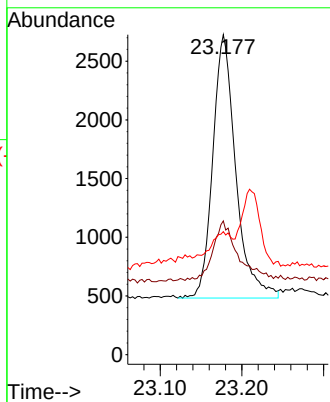
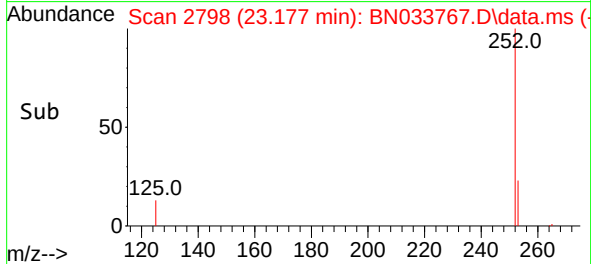
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:252 Resp: 4398
Ion Ratio Lower Upper
252 100
253 41.8 24.0 36.0
125 38.4 19.1 28.7

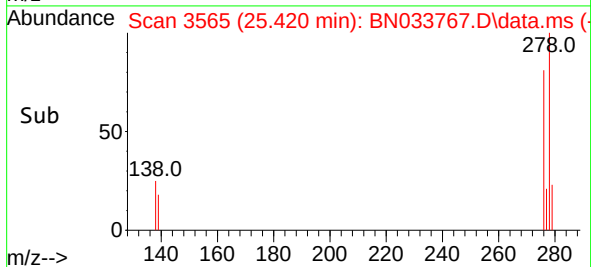
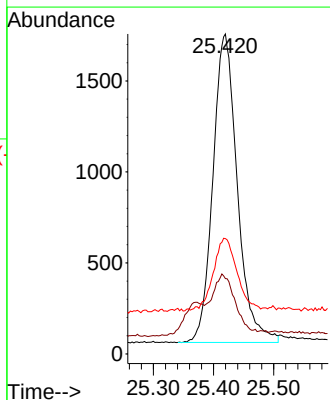
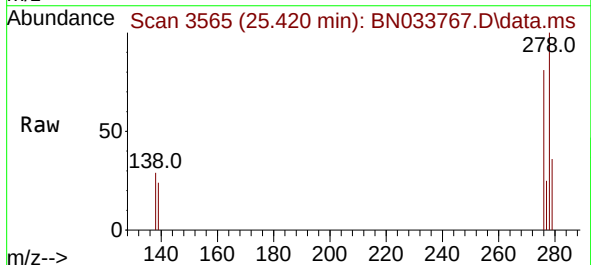
Manual Integrations
APPROVED

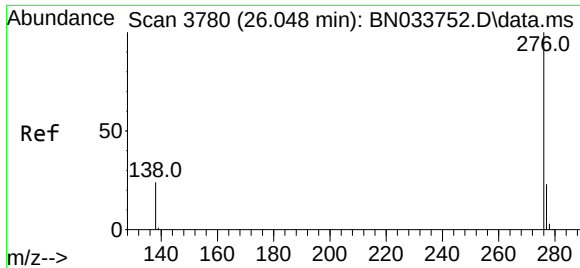
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.117 ng
RT: 25.420 min Scan# 3565
Delta R.T. 0.003 min
Lab File: BN033767.D
Acq: 05 Sep 2024 14:10

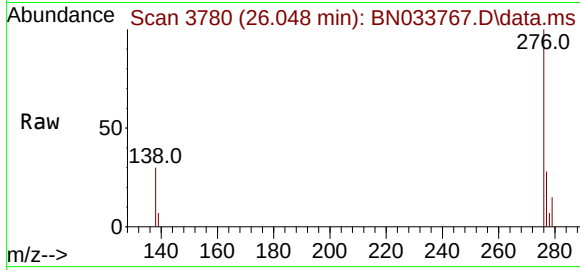
Tgt Ion:278 Resp: 4773
Ion Ratio Lower Upper
278 100
139 23.5 16.7 25.1
279 36.1 23.4 35.0





#41
 Benzo(g,h,i)perylene
 Concen: 0.113 ng
 RT: 26.048 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN033767.D
 Acq: 05 Sep 2024 14:10

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024



Tgt Ion:	276	Resp:	502
Ion Ratio	Lower	Upper	
276	100		
277	28.2	20.3	30.5
138	29.6	20.9	31.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/07/2024

