

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
 Data File : BN033776.D
 Acq On : 06 Sep 2024 11:09
 Operator : MA/JU
 Sample : P2403-03
 Misc : MDL-MDL-SOIL-0.1ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: Sep 06 12:28:39 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 :Yogesh Patel 09/07/2024
 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	8537	0.400	ng	0.00
7) Naphthalene-d8	10.271	136	22246	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	10295	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	20726	0.400	ng	# 0.00
29) Chrysene-d12	21.112	240	16130	0.400	ng	# 0.00
35) Perylene-d12	23.268	264	17039	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	6571	0.251	ng	0.00
5) Phenol-d6	6.707	99	8364	0.270	ng	0.00
8) Nitrobenzene-d5	8.649	82	5743	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	11.869	152	14332	0.456	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	1260	0.242	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	12995	0.303	ng	0.00
27) Fluoranthene-d10	18.942	212	24475	0.479	ng	0.00
31) Terphenyl-d14	19.560	244	10578	0.308	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	1093m	0.113	ng	
3) n-Nitrosodimethylamine	3.471	42	1264	0.111	ng	98
6) bis(2-Chloroethyl)ether	6.953	93	2987	0.128	ng	99
9) Naphthalene	10.325	128	7044	0.119	ng	98
10) Hexachlorobutadiene	10.613	225	1441	0.116	ng	# 98
12) 2-Methylnaphthalene	11.945	142	4216	0.116	ng	99
16) Acenaphthylene	13.868	152	4980	0.112	ng	100
17) Acenaphthene	14.210	154	3487	0.114	ng	99
18) Fluorene	15.204	166	4228	0.112	ng	100
20) 4,6-Dinitro-2-methylph...	15.300	198	277	0.085	ng	# 58
21) 4-Bromophenyl-phenylether	16.110	248	1329	0.111	ng	94
22) Hexachlorobenzene	16.209	284	1533	0.111	ng	97
23) Atrazine	16.383	200	1029	0.107	ng	# 88
24) Pentachlorophenol	16.557	266	587	0.104	ng	99
25) Phenanthrene	16.942	178	6704	0.117	ng	99
26) Anthracene	17.028	178	5619	0.113	ng	99
28) Fluoranthene	18.975	202	7188	0.112	ng	100
30) Pyrene	19.337	202	7283	0.112	ng	100
32) Benzo(a)anthracene	21.094	228	6433	0.112	ng	98
33) Chrysene	21.148	228	6729	0.118	ng	99
34) Bis(2-ethylhexyl)phtha...	21.059	149	4464	0.142	ng	99
36) Indeno(1,2,3-cd)pyrene	25.399	276	8558	0.122	ng	98
37) Benzo(b)fluoranthene	22.630	252	6949	0.111	ng	# 92
38) Benzo(k)fluoranthene	22.671	252	7442	0.122	ng	# 83
39) Benzo(a)pyrene	23.174	252	5670	0.108	ng	# 88
40) Dibenzo(a,h)anthracene	25.414	278	6707	0.119	ng	96
41) Benzo(g,h,i)perylene	26.045	276	6982	0.114	ng	97

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

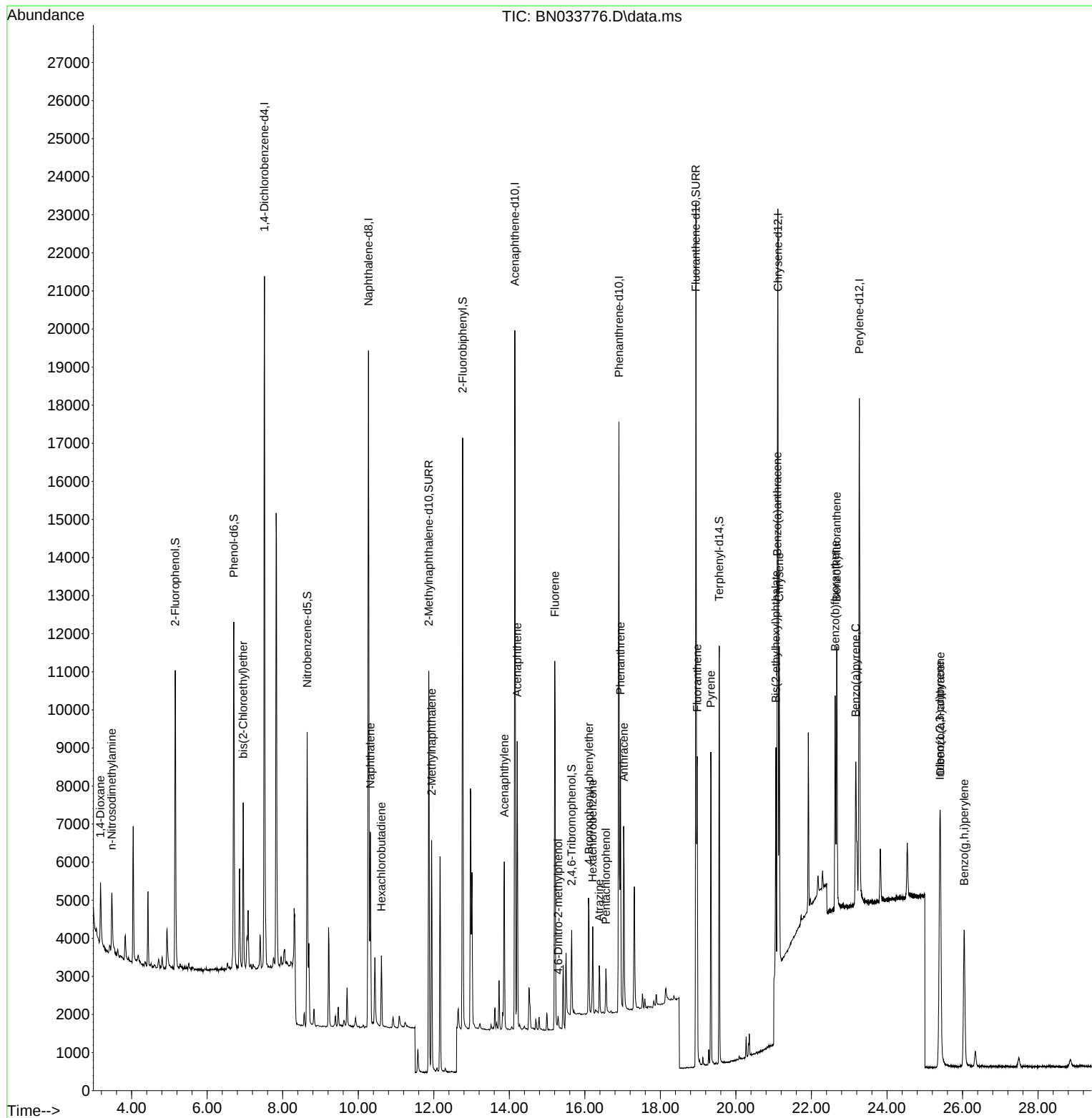
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Data File : BN033776.D
Acq On : 06 Sep 2024 11:09
Operator : MA/JU
Sample : P2403-03
Misc : MDL-MDL-SOIL-0.1ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 06 12:28:39 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
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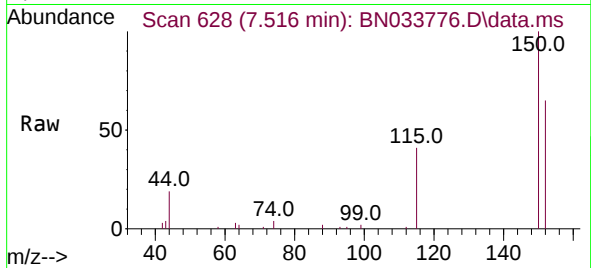
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.516 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

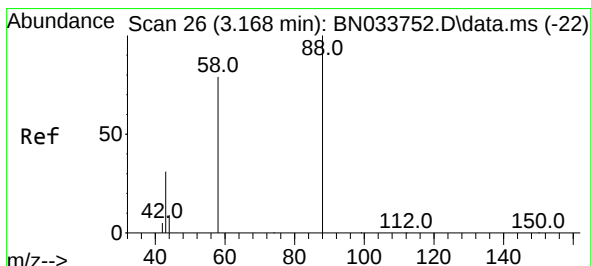
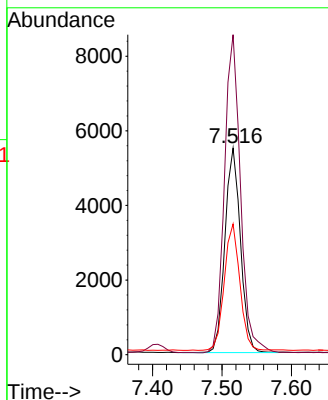
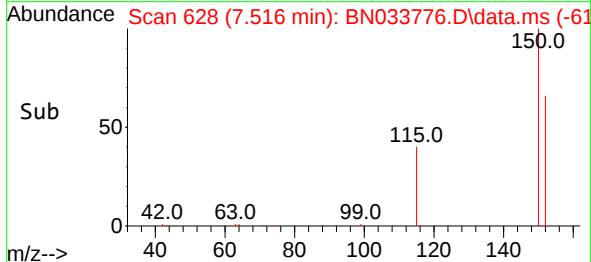
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BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



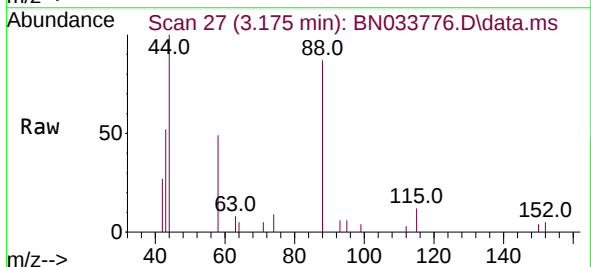
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Ion Ratio Lower Upper
152 100
150 154.9 123.3 184.9
115 63.2 51.0 76.4

Manual Integrations
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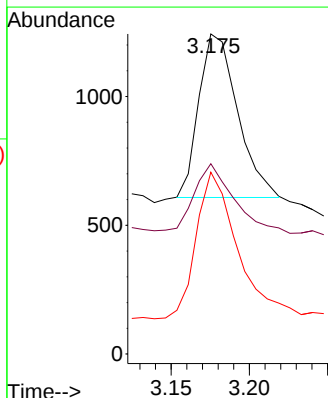
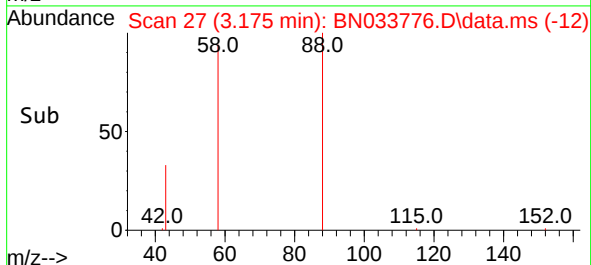
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#2
1,4-Dioxane
Concen: 0.113 ng m
RT: 3.175 min Scan# 27
Delta R.T. 0.007 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09



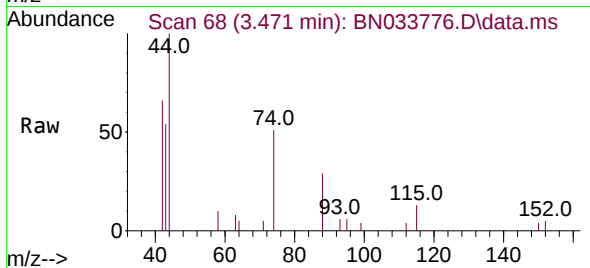
Tgt Ion: 88 Resp: 1093
Ion Ratio Lower Upper
88 100
43 43.7 29.0 43.4#
58 97.8 64.1 96.1#





#3
n-Nitrosodimethylamine
Concen: 0.111 ng
RT: 3.471 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

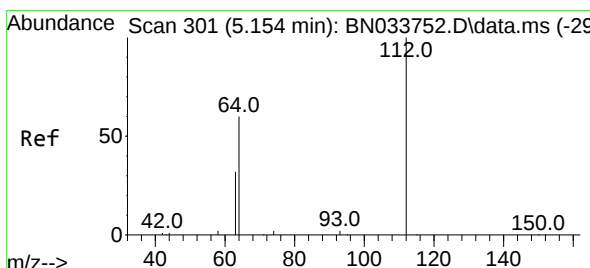
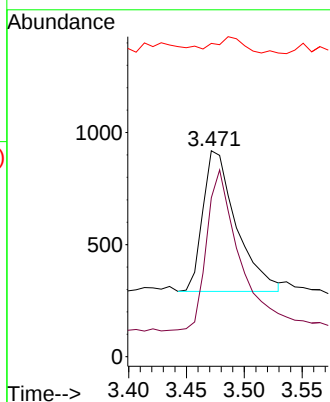
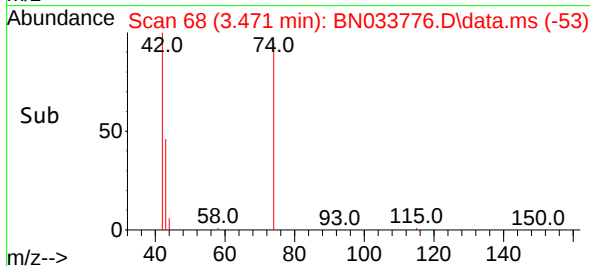
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 42 Resp: 1264
Ion Ratio Lower Upper
42 100
74 114.2 93.5 140.3
44 10.1 7.4 11.0

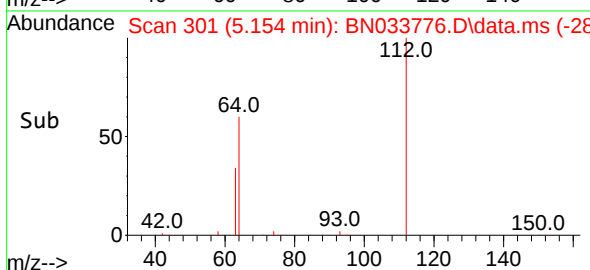
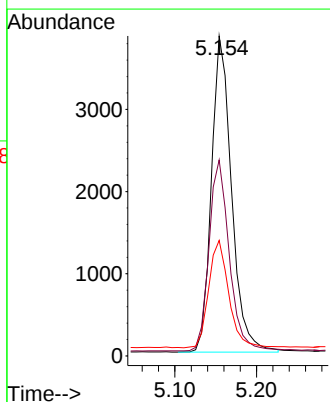
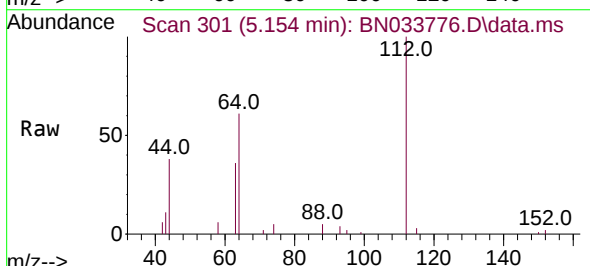
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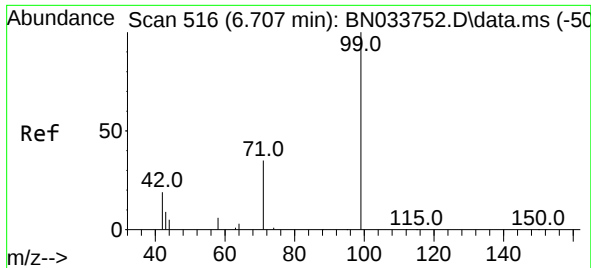
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#4
2-Fluorophenol
Concen: 0.251 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

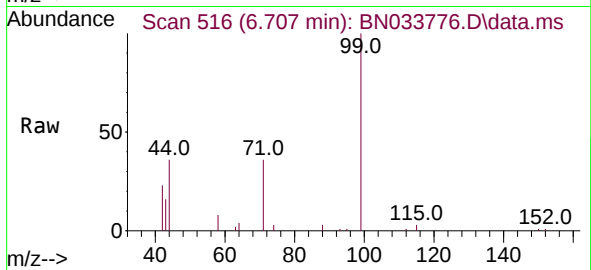
Tgt Ion:112 Resp: 6571
Ion Ratio Lower Upper
112 100
64 60.9 47.6 71.4
63 34.1 25.9 38.9





#5
Phenol-d6
Concen: 0.270 ng
RT: 6.707 min Scan# 516
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

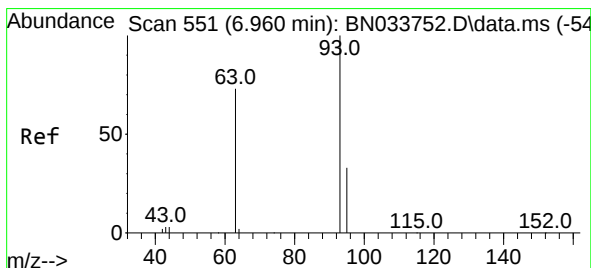
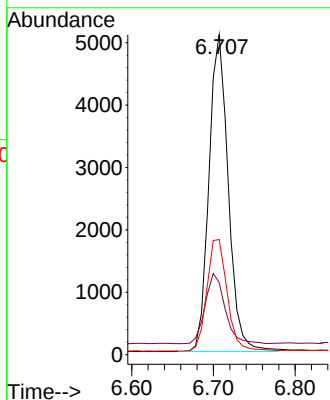
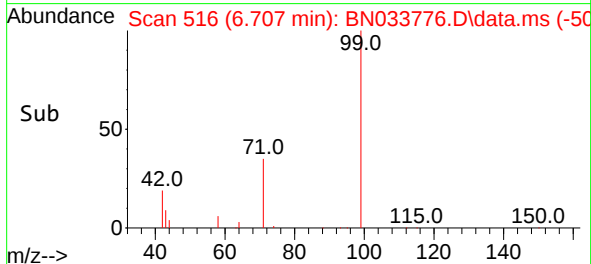
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 99 Resp: 8364
Ion Ratio Lower Upper
99 100
42 22.7 18.0 27.0
71 37.1 28.7 43.1

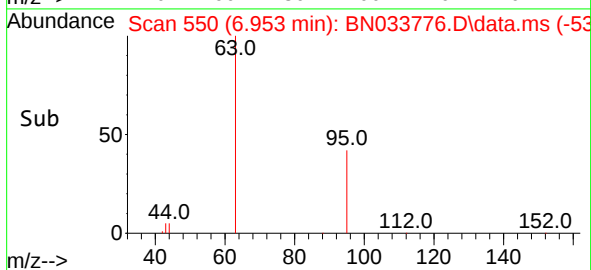
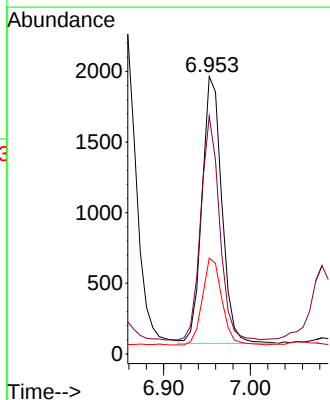
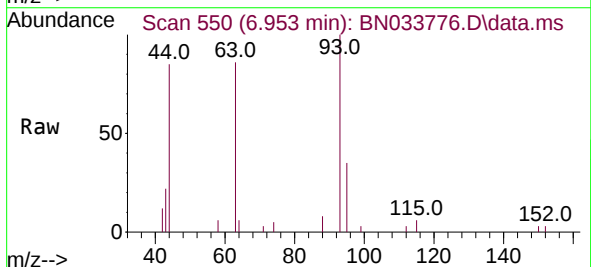
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Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.128 ng
RT: 6.953 min Scan# 550
Delta R.T. -0.007 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

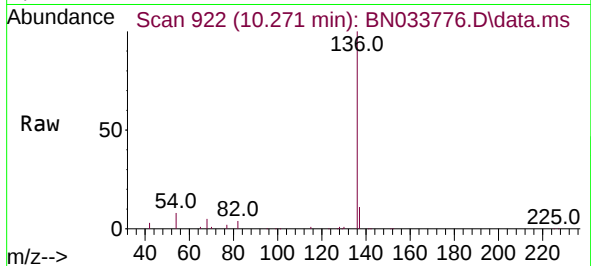
Tgt Ion: 93 Resp: 2987
Ion Ratio Lower Upper
93 100
63 79.9 64.4 96.6
95 32.3 26.5 39.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.271 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

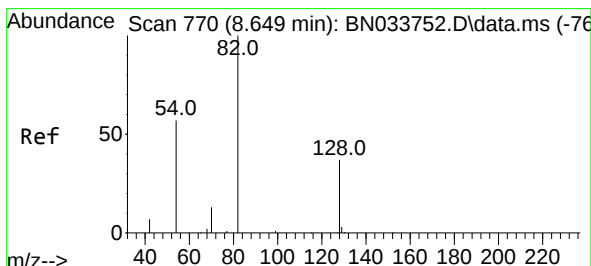
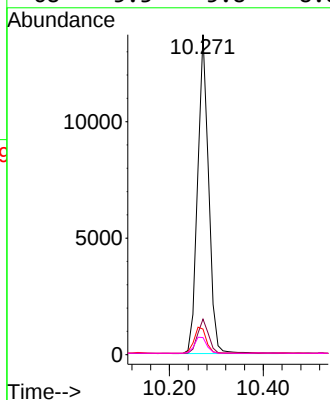
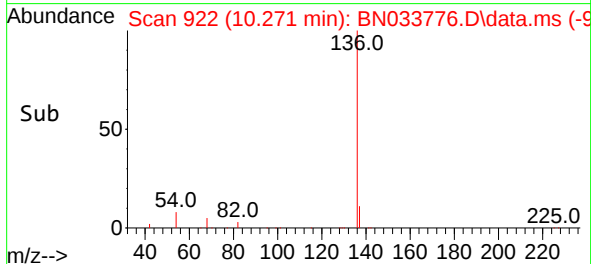
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:136	Resp:	22240
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	8.0	8.1 12.1
68	5.3	5.8 8.8

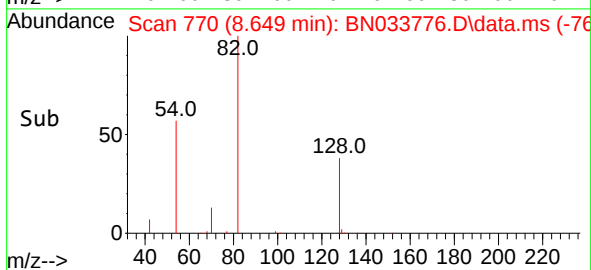
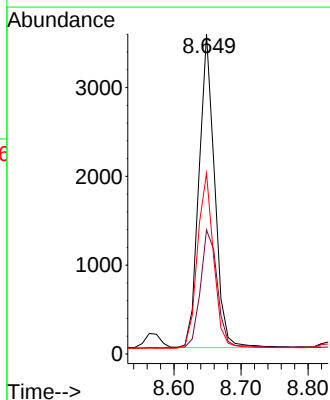
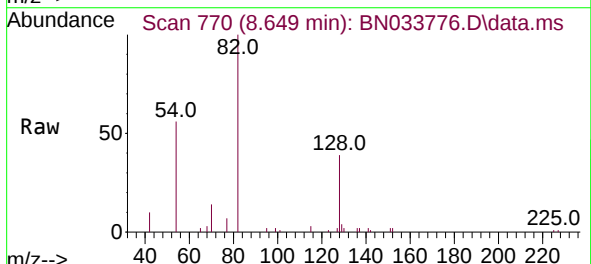
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/07/2024



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.649 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

Tgt Ion: 82	Resp:	5743
Ion Ratio	Lower	Upper
82	100	
128	38.7	31.3 46.9
54	56.4	46.9 70.3





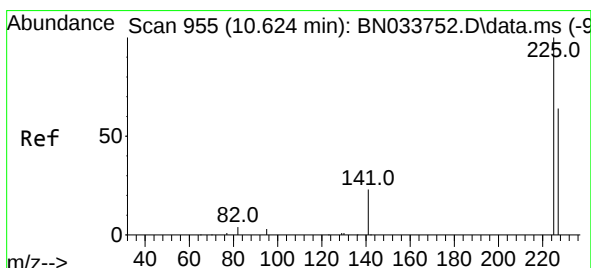
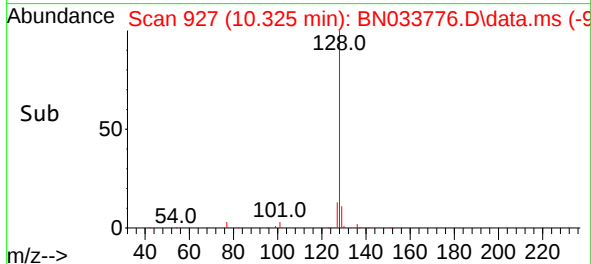
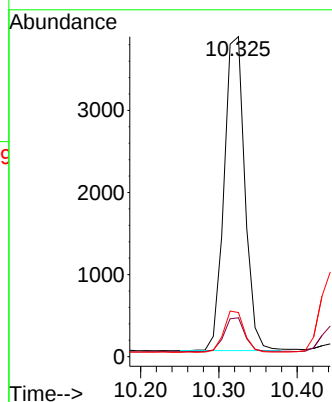
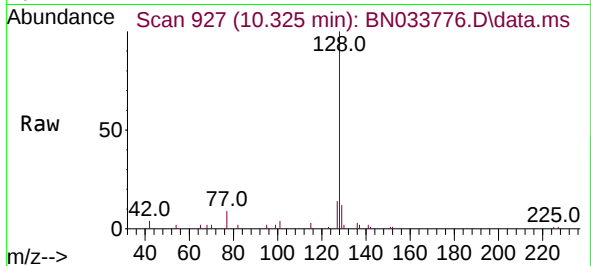
#9
Naphthalene
Concen: 0.119 ng
RT: 10.325 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:128 Resp: 7044
Ion Ratio Lower Upper
128 100
129 12.2 8.9 13.3
127 13.8 10.8 16.2

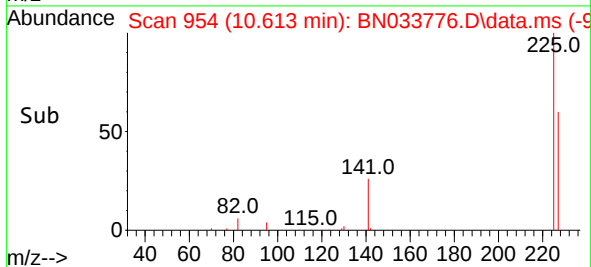
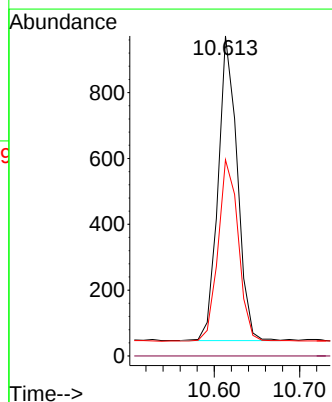
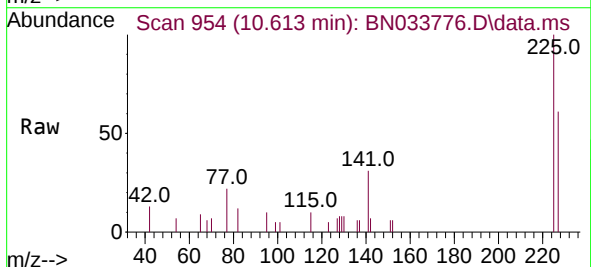
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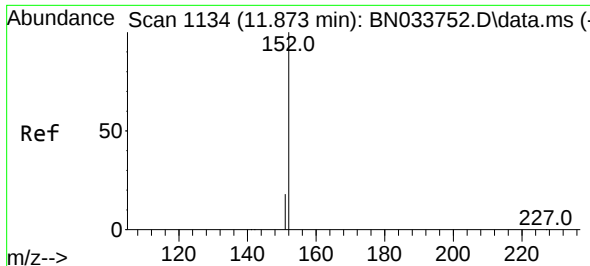
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#10
Hexachlorobutadiene
Concen: 0.116 ng
RT: 10.613 min Scan# 954
Delta R.T. -0.011 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

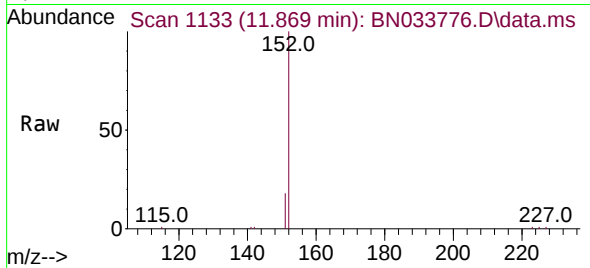
Tgt Ion:225 Resp: 1441
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.4 51.2 76.8





#11
2-Methylnaphthalene-d10
Concen: 0.456 ng
RT: 11.869 min Scan# 1133
Delta R.T. -0.004 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

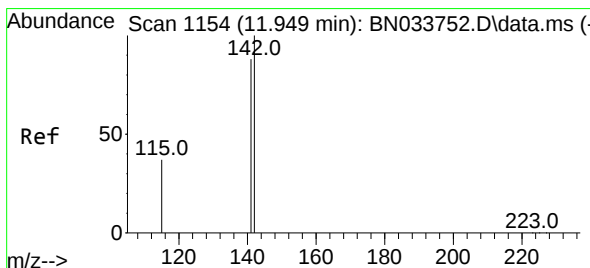
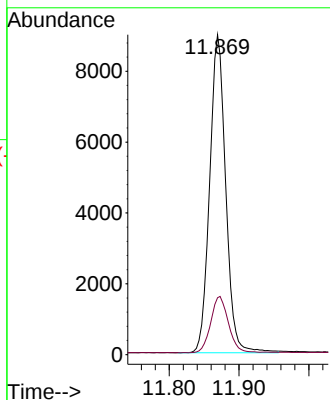
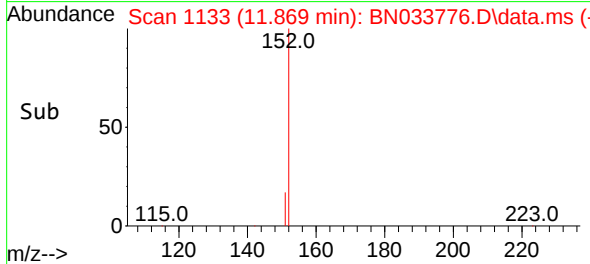
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MDL-SOIL-03-QT2-2024



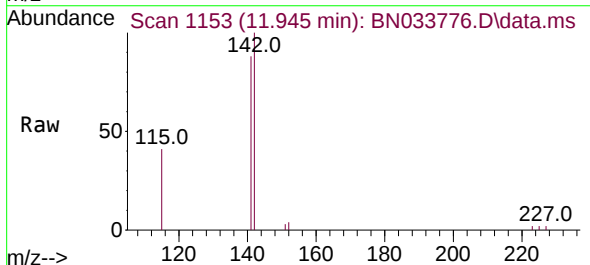
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Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1

Manual Integrations
APPROVED

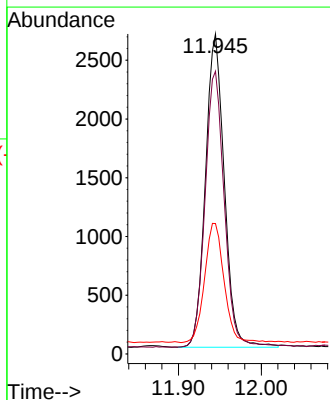
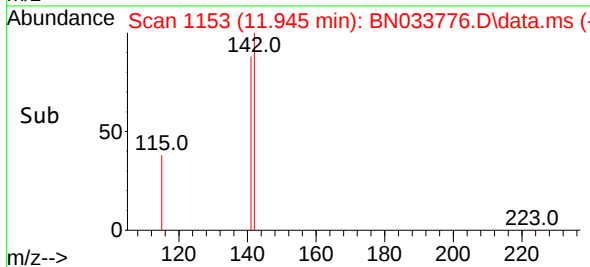
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

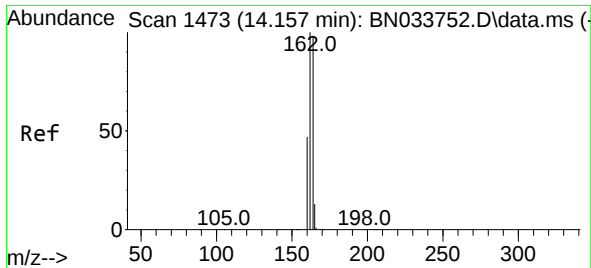


#12
2-Methylnaphthalene
Concen: 0.116 ng
RT: 11.945 min Scan# 1153
Delta R.T. -0.004 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09



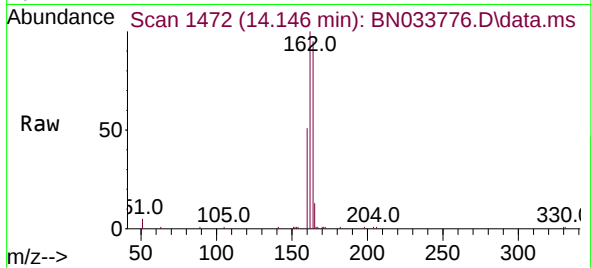
Tgt Ion:142 Resp: 4216
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3
115 40.7 31.0 46.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

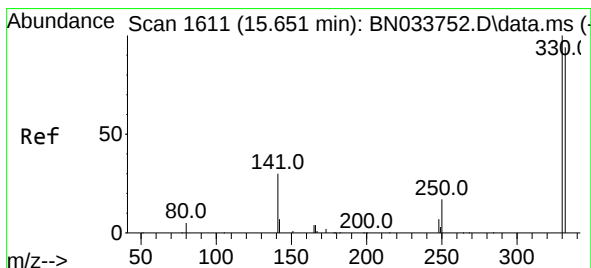
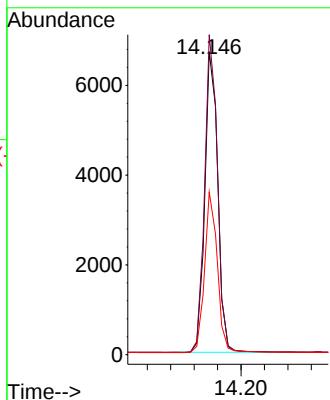
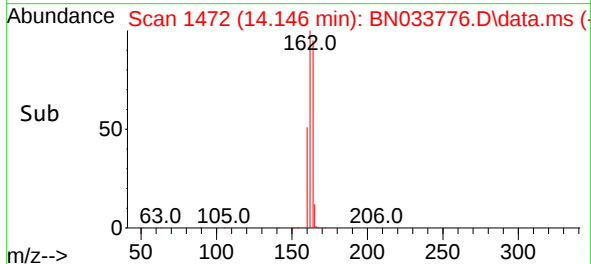
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:164 Resp: 1029
Ion Ratio Lower Upper
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162 105.6 82.0 123.0
160 53.7 39.1 58.7

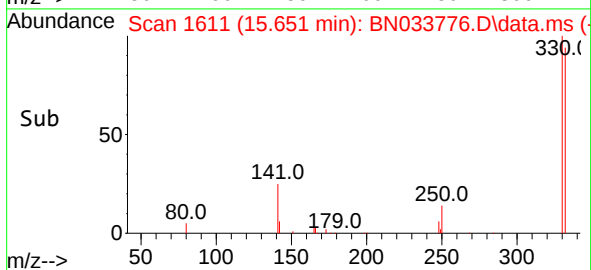
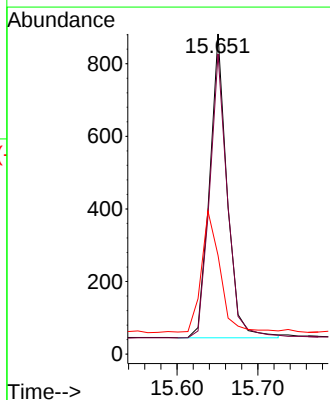
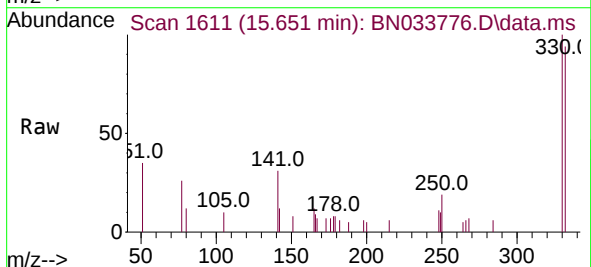
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

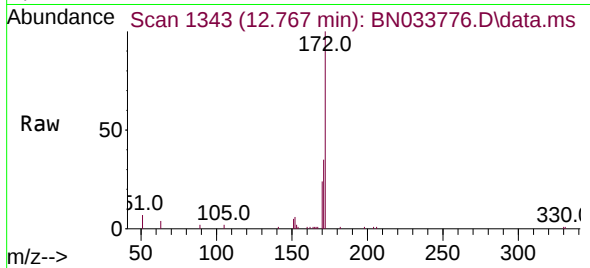
Tgt Ion:330 Resp: 1260
Ion Ratio Lower Upper
330 100
332 95.3 74.2 111.4
141 42.8 33.9 50.9





#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.767 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

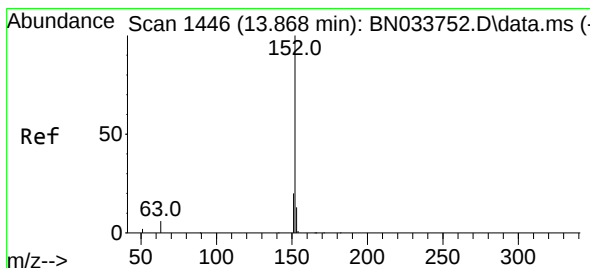
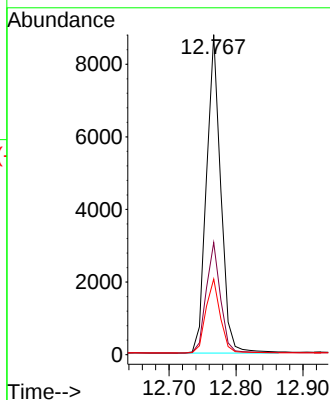
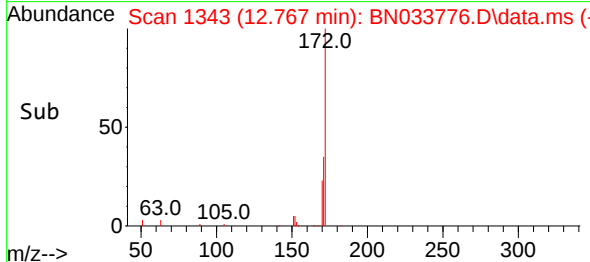
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:172 Resp: 1299
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.7 19.7 29.5

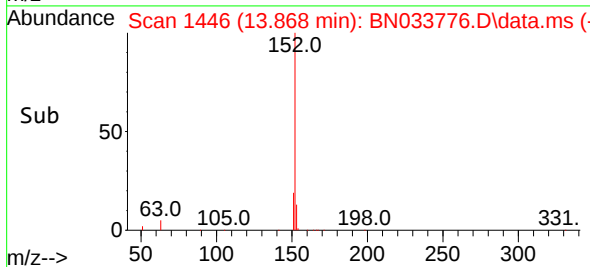
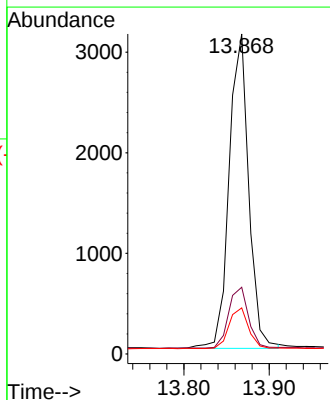
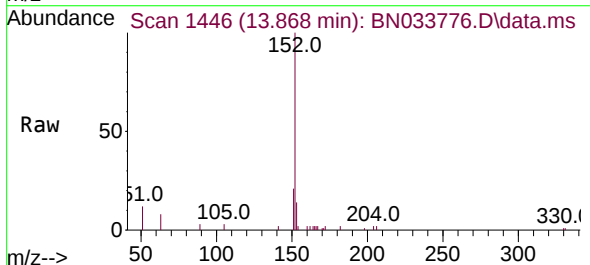
Manual Integrations
APPROVED

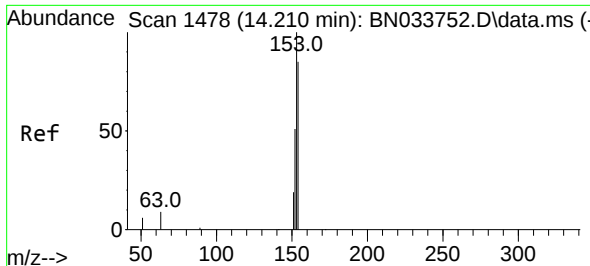
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#16
Acenaphthylene
Concen: 0.112 ng
RT: 13.868 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

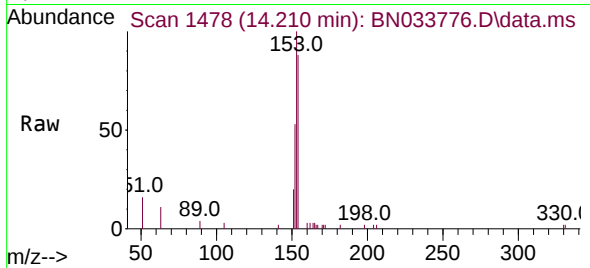
Tgt Ion:152 Resp: 4980
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.1 10.3 15.5





#17
Acenaphthene
Concen: 0.114 ng
RT: 14.210 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

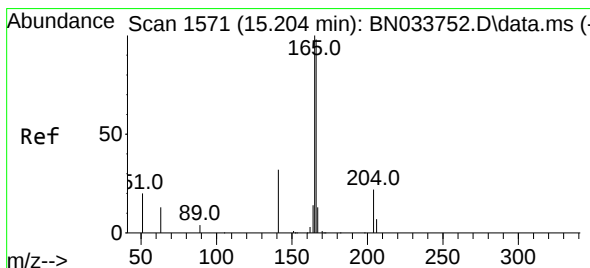
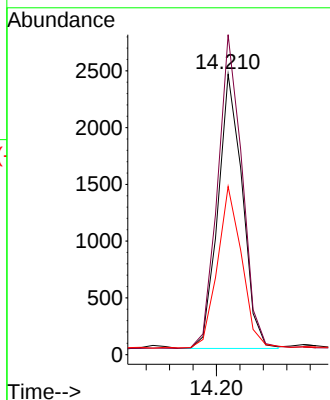
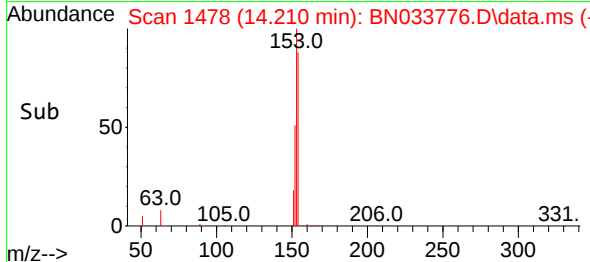
Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT2-2024



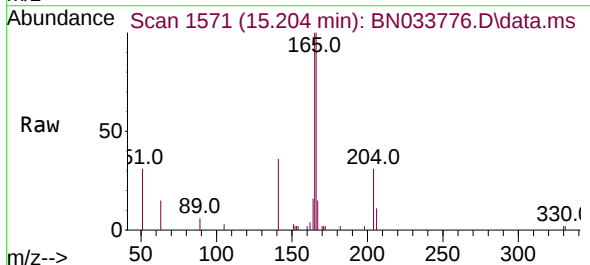
Tgt Ion:154 Resp: 348
Ion Ratio Lower Upper
154 100
153 115.0 91.4 137.2
152 59.0 45.8 68.6

Manual Integrations
APPROVED

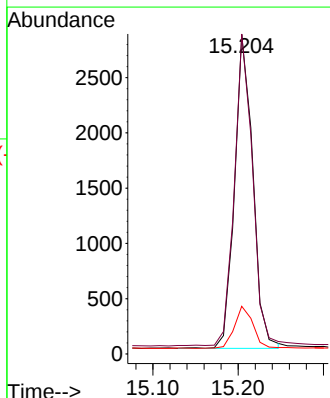
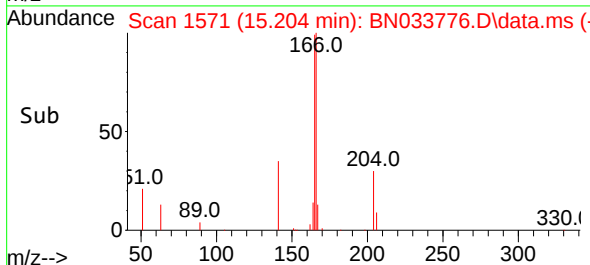
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

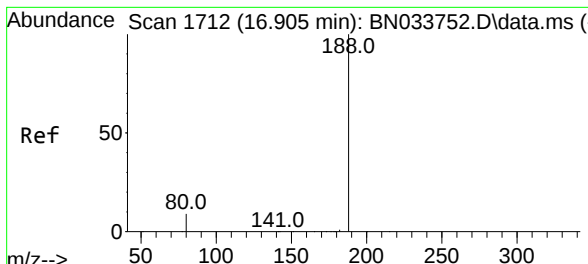


#18
Fluorene
Concen: 0.112 ng
RT: 15.204 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09



Tgt Ion:166 Resp: 4228
Ion Ratio Lower Upper
166 100
165 98.4 78.8 118.2
167 13.6 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

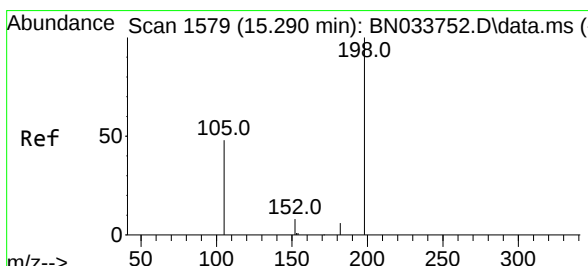
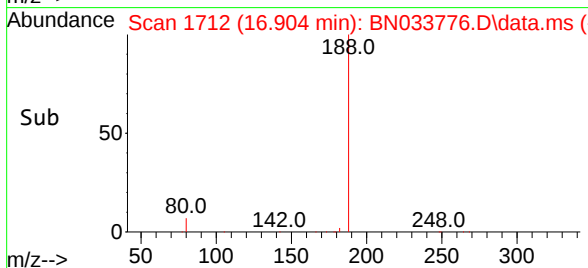
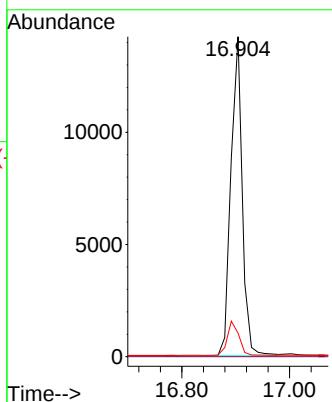
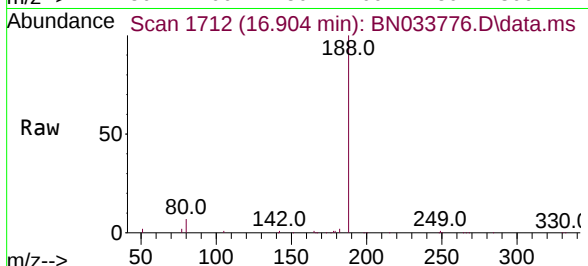
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:188 Resp: 20720

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	7.9	11.9

Manual Integrations
APPROVED

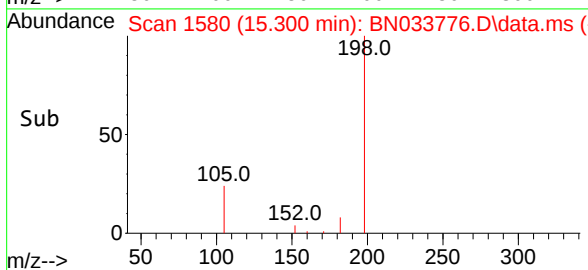
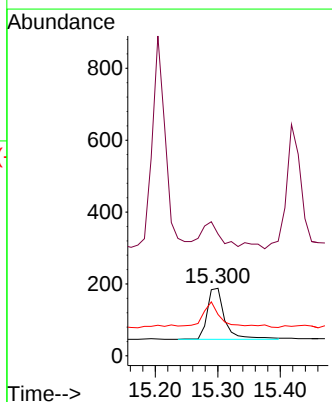
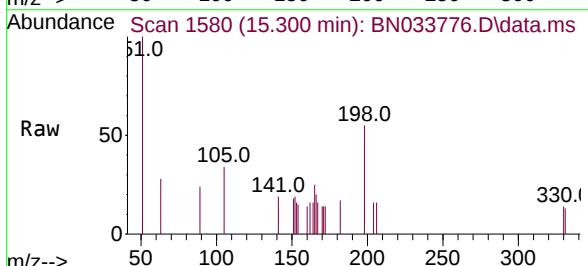
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

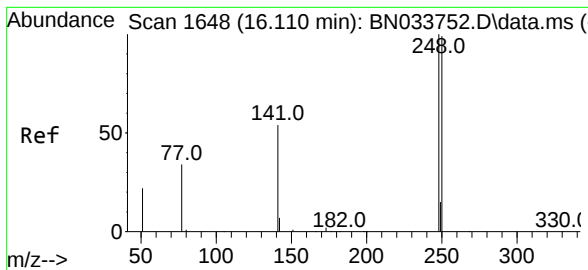


#20
4,6-Dinitro-2-methylphenol
Concen: 0.085 ng
RT: 15.300 min Scan# 1580
Delta R.T. 0.010 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

Tgt Ion:198 Resp: 277

Ion	Ratio	Lower	Upper
198	100		
51	180.3	92.8	139.2
105	61.2	59.4	89.0





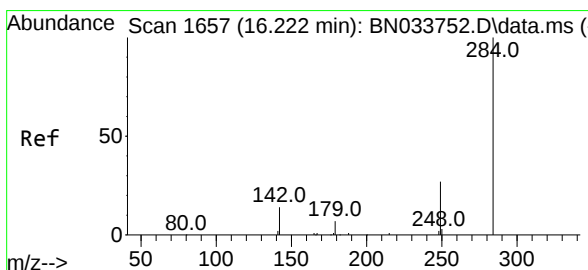
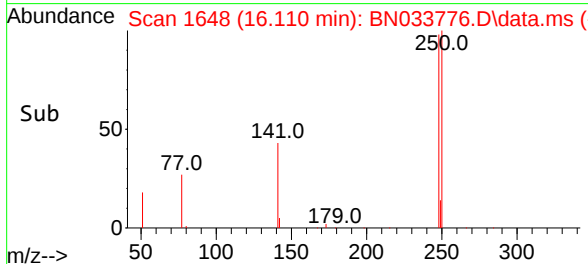
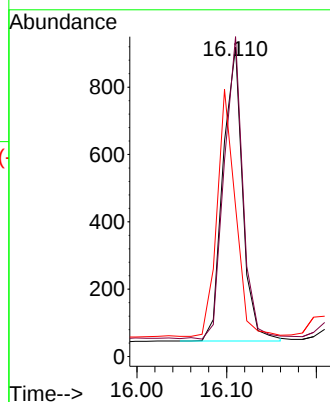
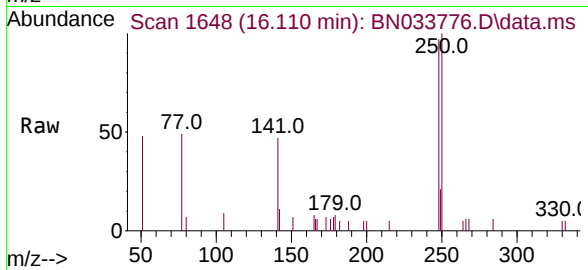
#21
4-Bromophenyl-phenylether
Concen: 0.111 ng
RT: 16.110 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:248 Resp: 1329
Ion Ratio Lower Upper
248 100
250 103.4 79.5 119.3
141 48.5 44.9 67.3

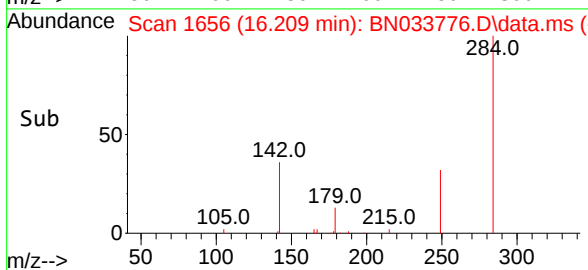
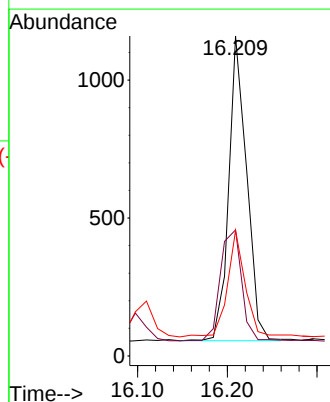
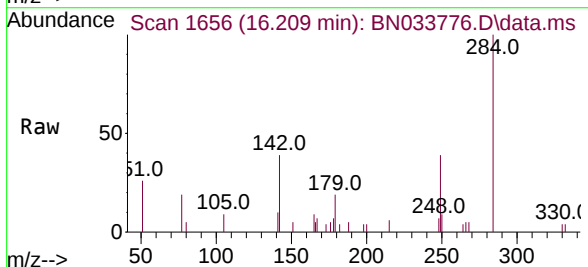
Manual Integrations
APPROVED

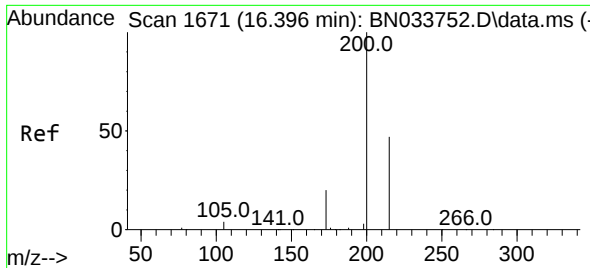
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Hexachlorobenzene
Concen: 0.111 ng
RT: 16.209 min Scan# 1656
Delta R.T. -0.013 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

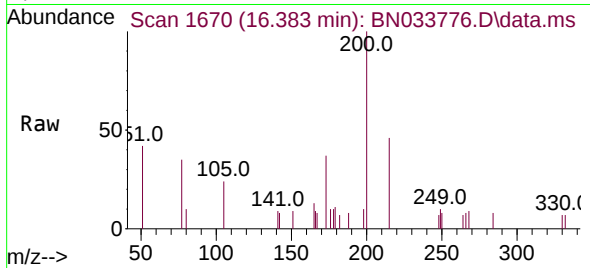
Tgt Ion:284 Resp: 1533
Ion Ratio Lower Upper
284 100
142 43.1 32.8 49.2
249 34.6 26.2 39.2





#23
 Atrazine
 Concen: 0.107 ng
 RT: 16.383 min Scan# 1670
 Delta R.T. -0.013 min
 Lab File: BN033776.D
 Acq: 06 Sep 2024 11:09

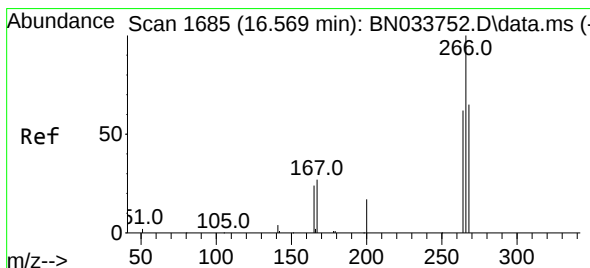
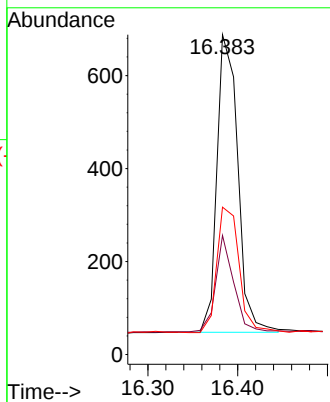
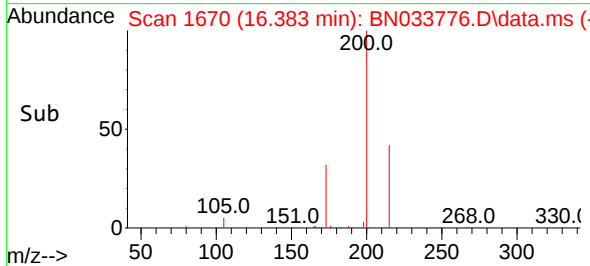
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2024



Tgt Ion:200 Resp: 1029
 Ion Ratio Lower Upper
 200 100
 173 37.2 18.2 27.4
 215 46.1 39.0 58.4

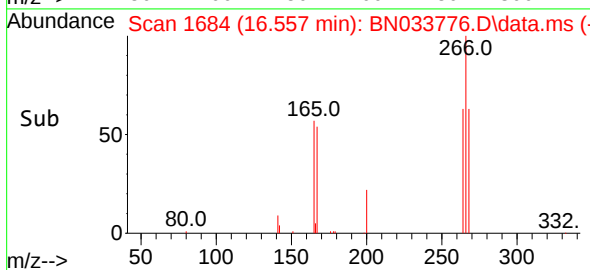
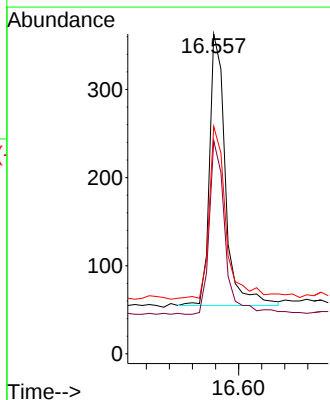
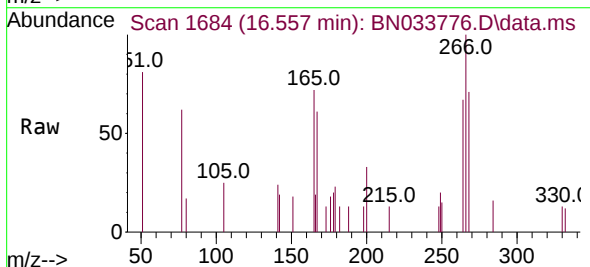
Manual Integrations
 APPROVED

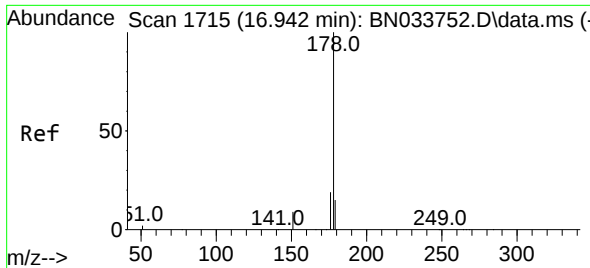
Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024



#24
 Pentachlorophenol
 Concen: 0.104 ng
 RT: 16.557 min Scan# 1684
 Delta R.T. -0.013 min
 Lab File: BN033776.D
 Acq: 06 Sep 2024 11:09

Tgt Ion:266 Resp: 587
 Ion Ratio Lower Upper
 266 100
 264 63.7 49.6 74.4
 268 65.8 52.2 78.4





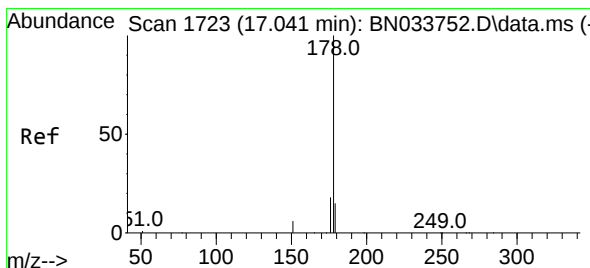
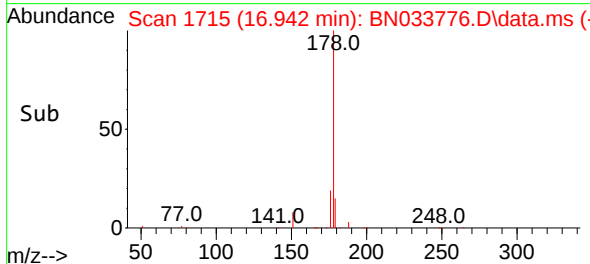
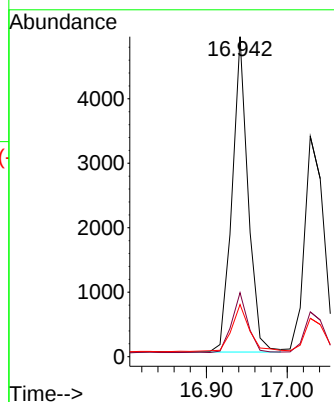
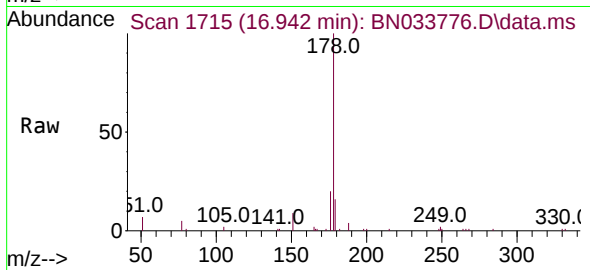
#25
Phenanthrene
Concen: 0.117 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:178 Resp: 6704
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.2 12.2 18.4

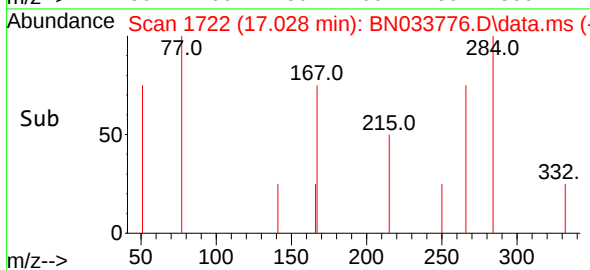
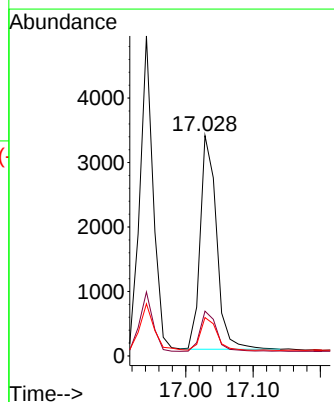
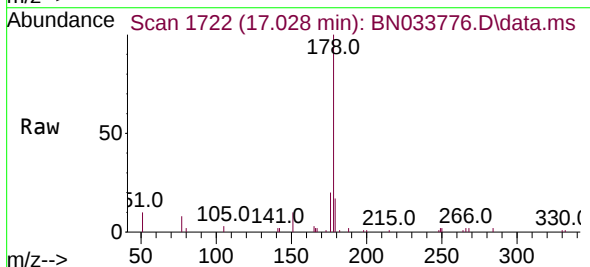
Manual Integrations
APPROVED

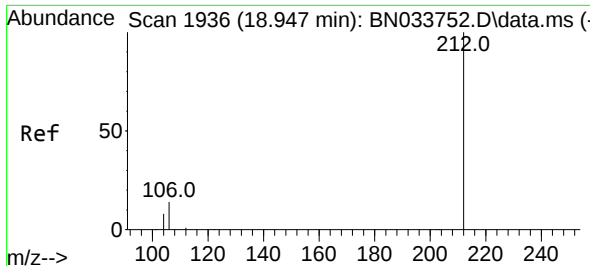
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#26
Anthracene
Concen: 0.113 ng
RT: 17.028 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

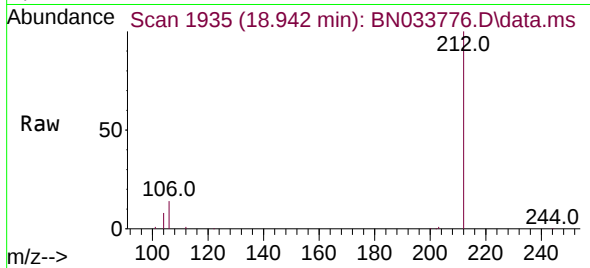
Tgt Ion:178 Resp: 5619
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.4 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.479 ng
RT: 18.942 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

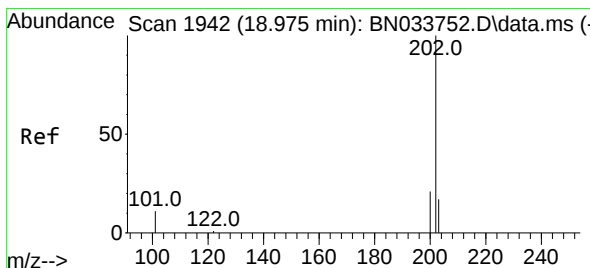
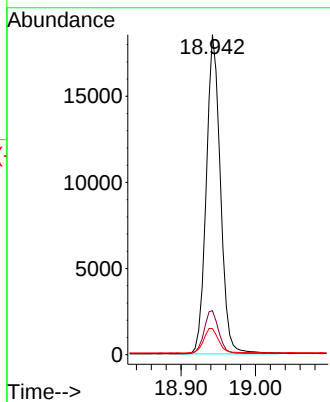
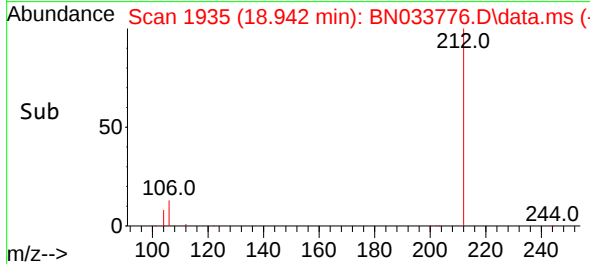
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:212 Resp: 2447
Ion Ratio Lower Upper
212 100
106 14.0 11.5 17.3
104 8.0 6.6 9.8

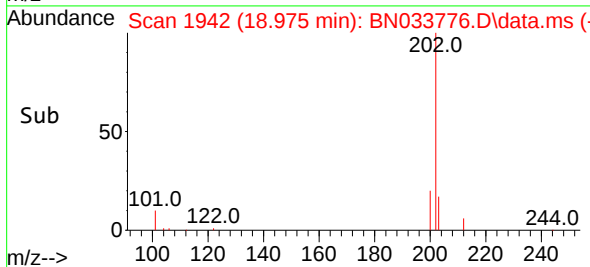
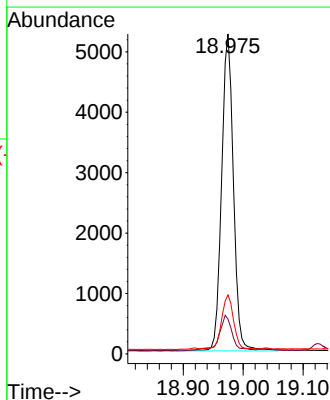
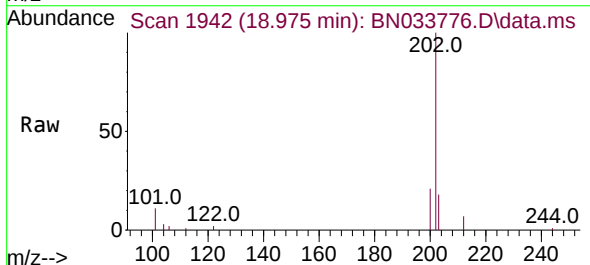
Manual Integrations
APPROVED

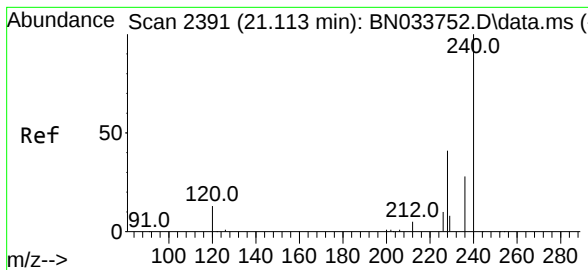
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#28
Fluoranthene
Concen: 0.112 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

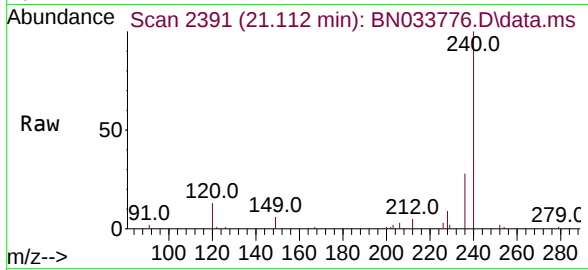
Tgt Ion:202 Resp: 7188
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
203 17.1 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

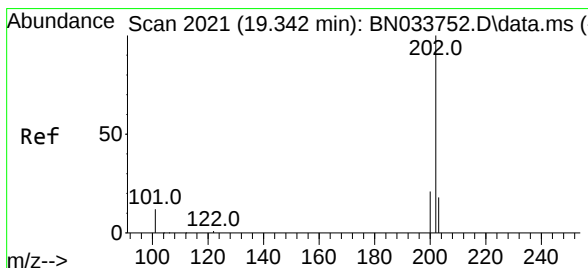
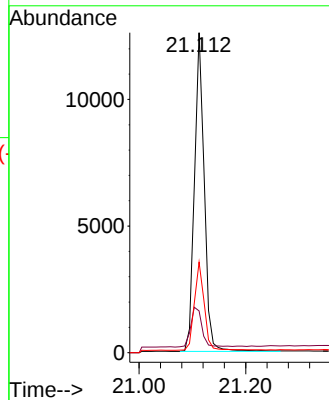
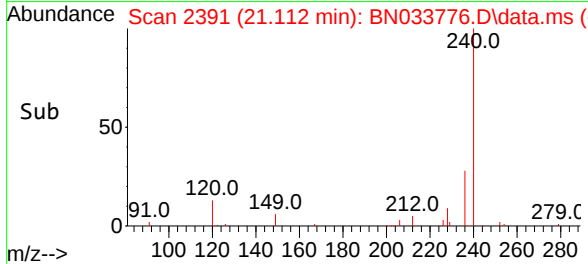
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:240 Resp: 16130
Ion Ratio Lower Upper
240 100
120 13.0 13.7 20.5
236 28.3 23.4 35.2

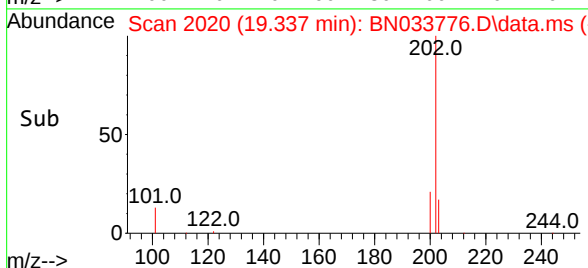
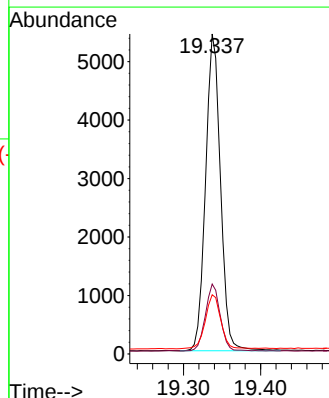
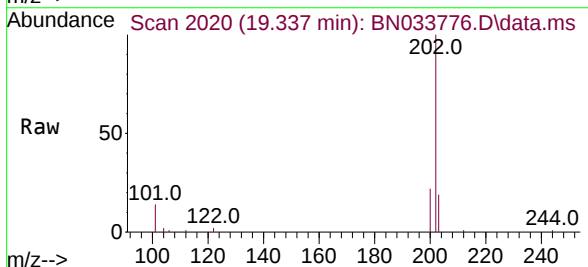
Manual Integrations
APPROVED

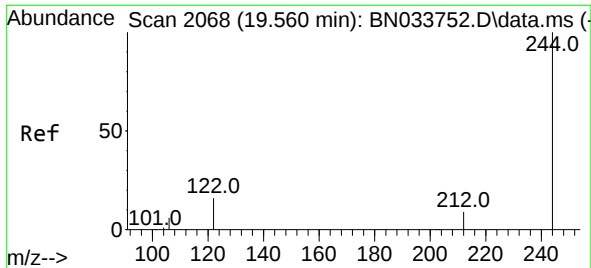
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#30
Pyrene
Concen: 0.112 ng
RT: 19.337 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

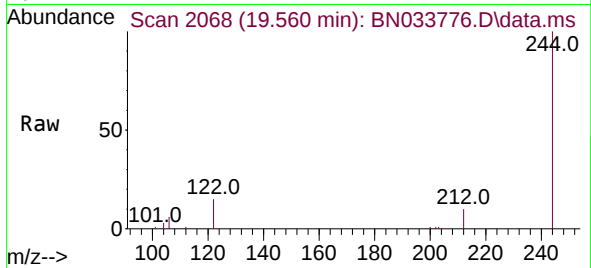
Tgt Ion:202 Resp: 7283
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.8 14.4 21.6





#31
 Terphenyl-d14
 Concen: 0.308 ng
 RT: 19.560 min Scan# 2068
 Delta R.T. -0.000 min
 Lab File: BN033776.D
 Acq: 06 Sep 2024 11:09

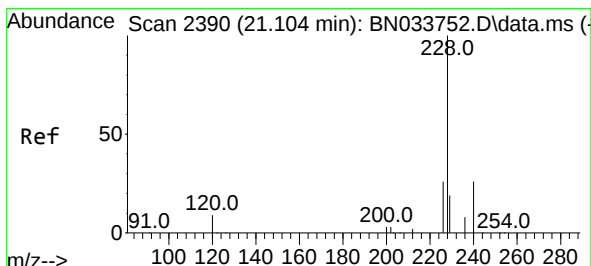
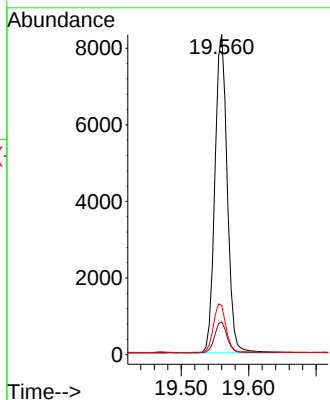
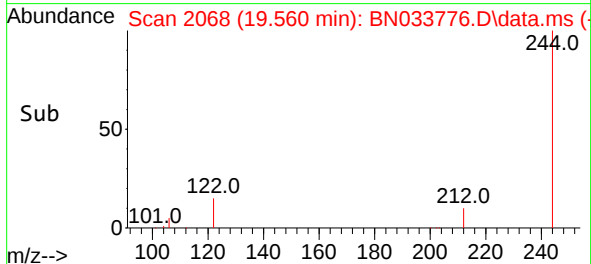
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-03-QT2-2024



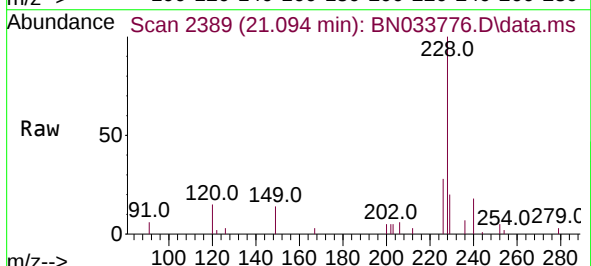
Tgt Ion:244 Resp: 10578
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.9 11.9
 122 15.4 13.2 19.8

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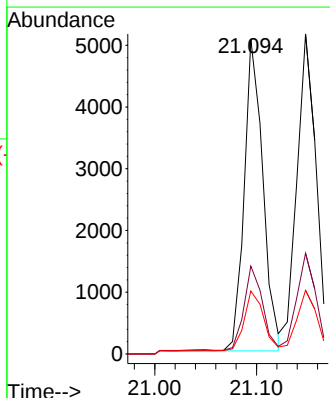
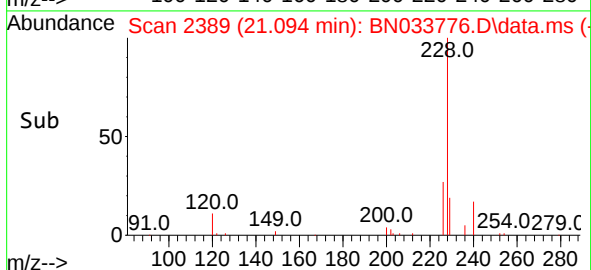
Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

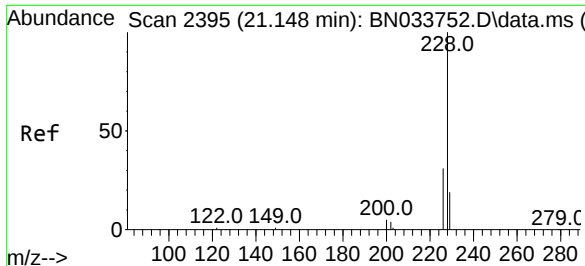


#32
 Benzo(a)anthracene
 Concen: 0.112 ng
 RT: 21.094 min Scan# 2389
 Delta R.T. -0.009 min
 Lab File: BN033776.D
 Acq: 06 Sep 2024 11:09



Tgt Ion:228 Resp: 6433
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.2 31.8
 229 20.0 15.9 23.9





#33

Chrysene

Concen: 0.118 ng

RT: 21.148 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033776.D

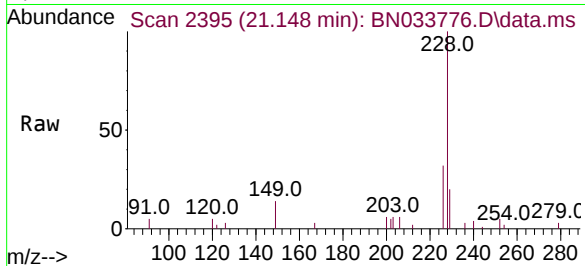
Acq: 06 Sep 2024 11:09

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024



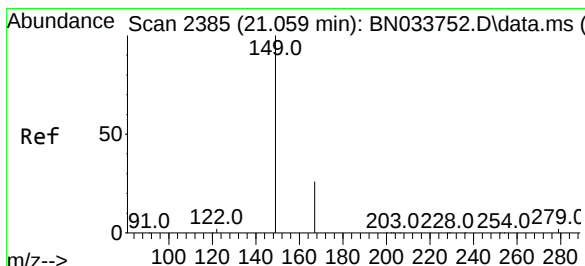
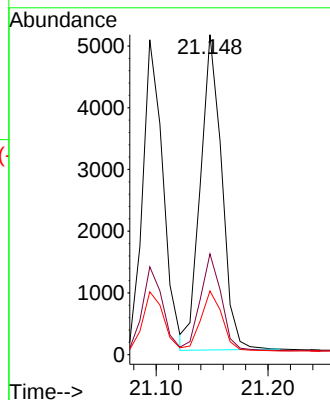
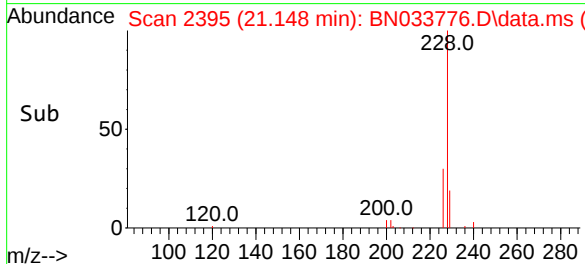
Tgt Ion:	228	Resp:	6729
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	19.9	15.6	23.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.142 ng

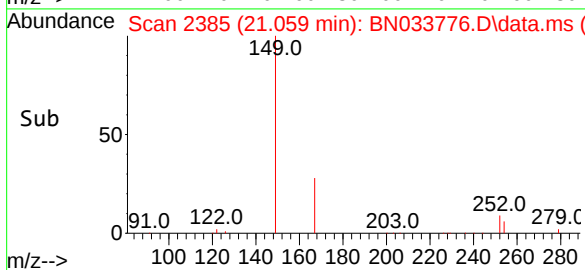
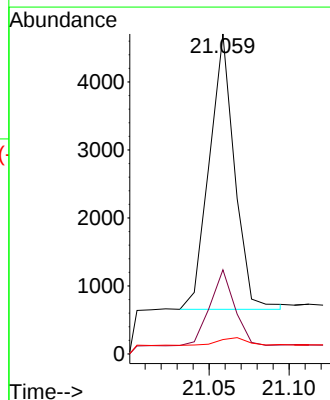
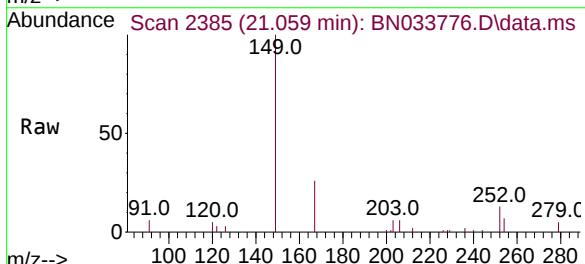
RT: 21.059 min Scan# 2385

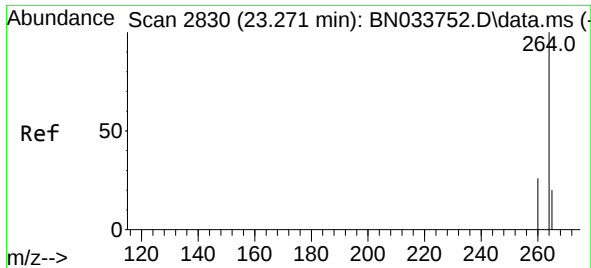
Delta R.T. -0.000 min

Lab File: BN033776.D

Acq: 06 Sep 2024 11:09

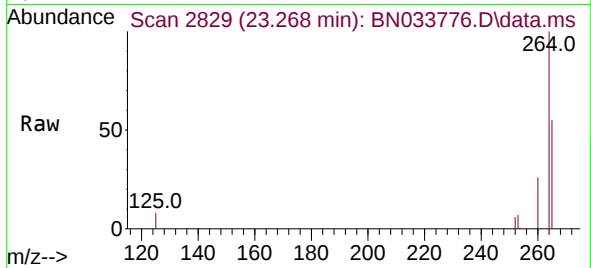
Tgt Ion:	149	Resp:	4464
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.0	31.4
279	3.1	2.4	3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.268 min Scan# 2829
Delta R.T. -0.003 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

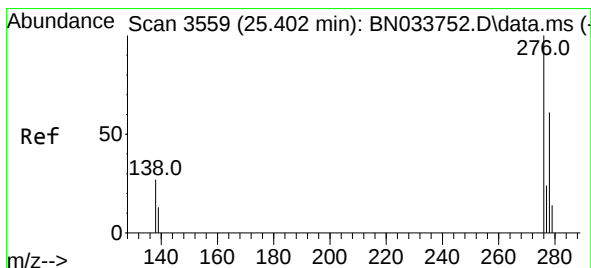
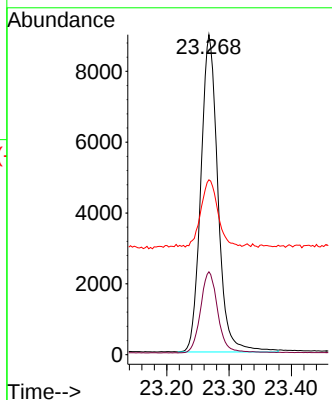
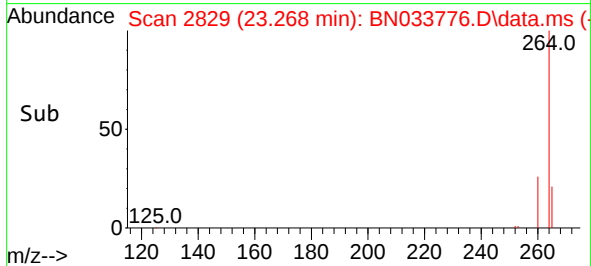
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:264 Resp: 17039
Ion Ratio Lower Upper
264 100
260 25.9 21.1 31.7
265 54.7 72.0 108.0

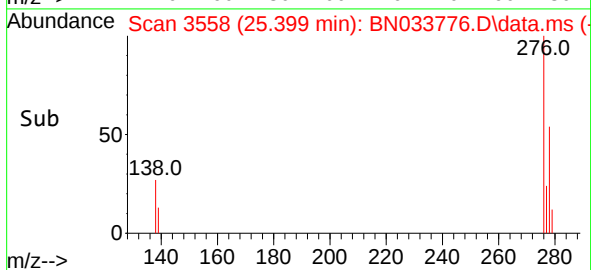
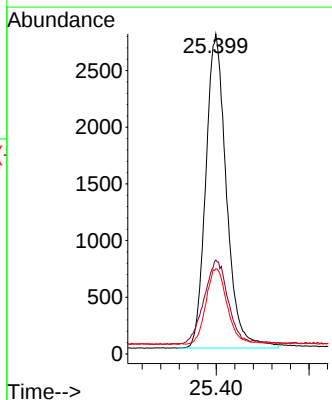
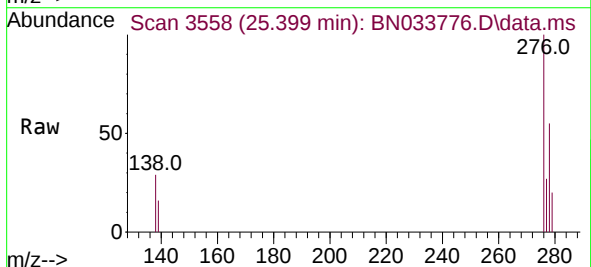
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Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.122 ng
RT: 25.399 min Scan# 3558
Delta R.T. -0.003 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

Tgt Ion:276 Resp: 8558
Ion Ratio Lower Upper
276 100
138 30.6 23.0 34.6
277 24.6 20.2 30.4





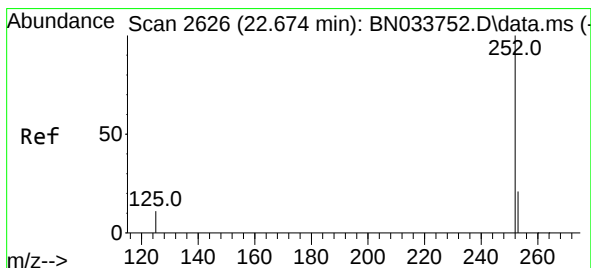
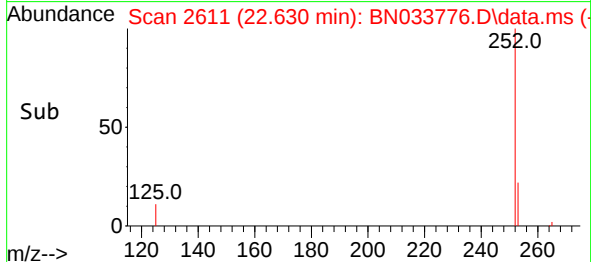
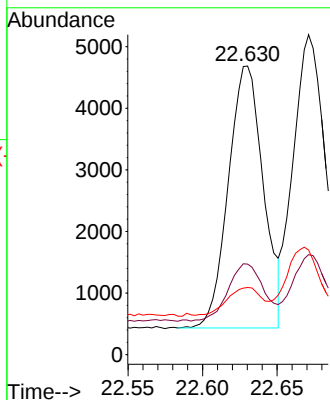
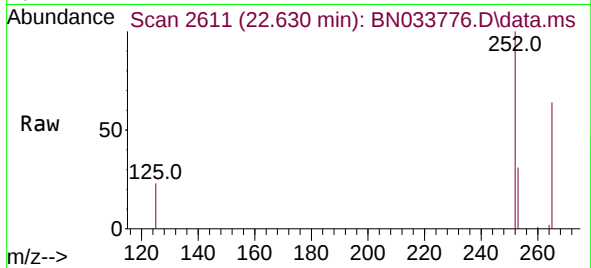
#37
Benzo(b)fluoranthene
Concen: 0.111 ng
RT: 22.630 min Scan# 2611
Delta R.T. -0.000 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT2-2024

Tgt Ion:252 Resp: 6949
Ion Ratio Lower Upper
252 100
253 31.4 21.8 32.6
125 23.3 15.4 23.0

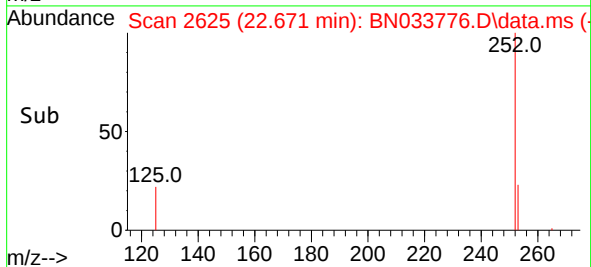
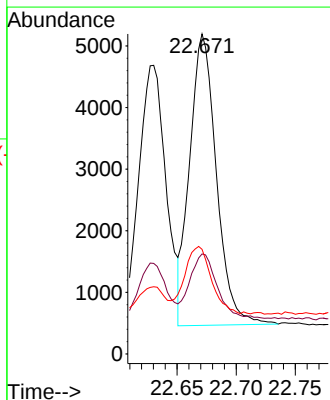
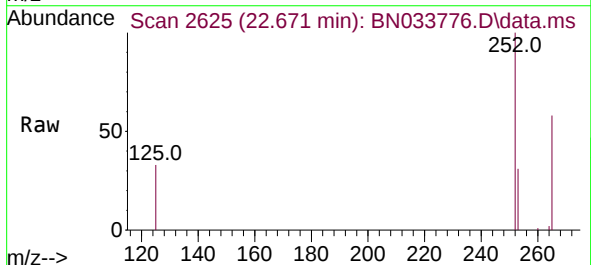
Manual Integrations
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Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#38
Benzo(k)fluoranthene
Concen: 0.122 ng
RT: 22.671 min Scan# 2625
Delta R.T. -0.003 min
Lab File: BN033776.D
Acq: 06 Sep 2024 11:09

Tgt Ion:252 Resp: 7442
Ion Ratio Lower Upper
252 100
253 31.3 21.8 32.8
125 32.7 15.4 23.2





#39

Benzo(a)pyrene

Concen: 0.108 ng

RT: 23.174 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033776.D

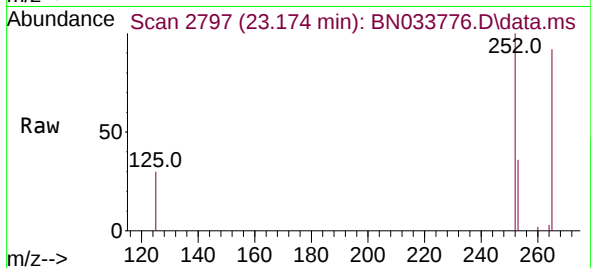
Acq: 06 Sep 2024 11:09

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024



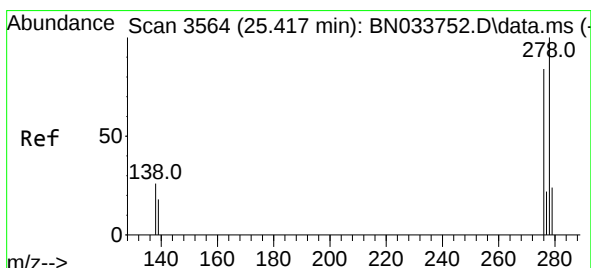
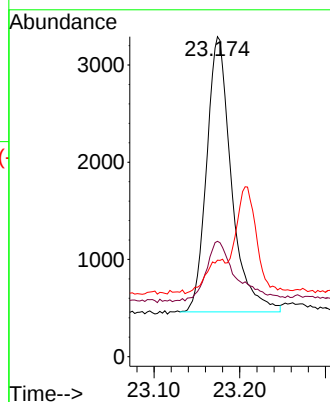
Tgt Ion:	252	Resp:	5670
Ion Ratio	Lower	Upper	
252	100		
253	36.0	24.0	36.0
125	30.2	19.1	28.7

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.119 ng

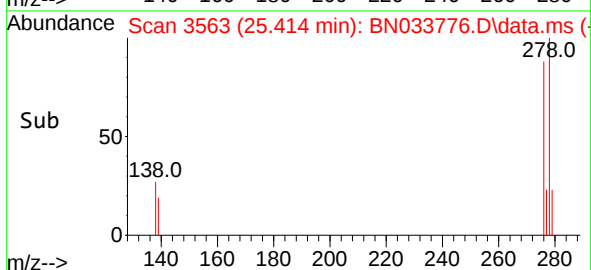
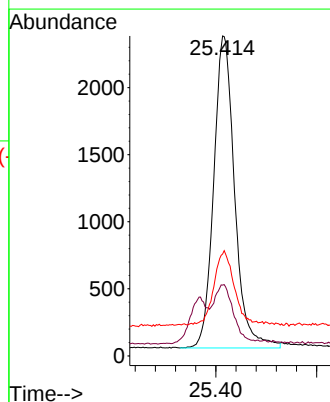
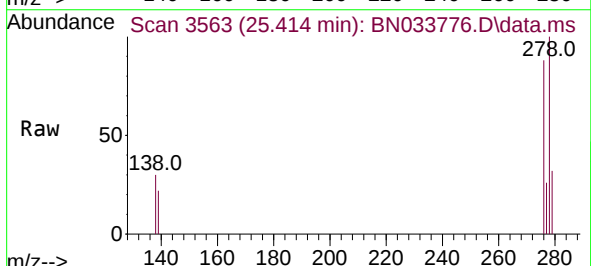
RT: 25.414 min Scan# 3563

Delta R.T. -0.003 min

Lab File: BN033776.D

Acq: 06 Sep 2024 11:09

Tgt Ion:	278	Resp:	6707
Ion Ratio	Lower	Upper	
278	100		
139	22.1	16.7	25.1
279	31.8	23.4	35.0





#41

Benzo(g,h,i)perylene

Concen: 0.114 ng

RT: 26.045 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN033776.D

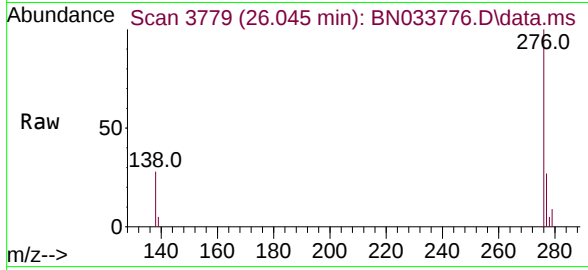
Acq: 06 Sep 2024 11:09

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024



Tgt Ion:276 Resp: 698

Ion Ratio Lower Upper

276 100

277 26.7 20.3 30.5

138 27.7 20.9 31.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024

