

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
 Data File : BN029469.D
 Acq On : 01 Feb 2024 03:47
 Operator : MA/JU
 Sample : 04699-03
 Misc : MDL-MDL-SOIL-0.1NG
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2023

Quant Time: Feb 01 04:19:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 01:51:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	4615	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	12506	0.400	ng	# 0.00
13) Acenaphthene-d10	14.532	164	5840	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	11103	0.400	ng	# 0.00
29) Chrysene-d12	21.483	240	7455	0.400	ng	0.00
35) Perylene-d12	23.867	264	7550	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	4105	0.370	ng	0.00
5) Phenol-d6	7.060	99	5185	0.405	ng	0.00
8) Nitrobenzene-d5	9.057	82	4095	0.393	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	9242	0.543	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	612	0.327	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	8755	0.349	ng	0.00
27) Fluoranthene-d10	19.322	212	15817	0.588	ng	0.00
31) Terphenyl-d14	19.931	244	6558	0.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1112	0.171	ng	90
3) n-Nitrosodimethylamine	3.723	42	492	0.093	ng	# 86
6) bis(2-Chloroethyl)ether	7.334	93	1482	0.121	ng	96
9) Naphthalene	10.744	128	3941	0.111	ng	96
10) Hexachlorobutadiene	11.021	225	644	0.095	ng	# 96
12) 2-Methylnaphthalene	12.363	142	2195	0.105	ng	98
16) Acenaphthylene	14.254	152	2741	0.099	ng	98
17) Acenaphthene	14.597	154	1811	0.097	ng	99
18) Fluorene	15.580	166	2250	0.096	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	116	0.071	ng	# 1
21) 4-Bromophenyl-phenylether	16.486	248	631	0.095	ng	# 82
22) Hexachlorobenzene	16.585	284	792	0.098	ng	98
23) Atrazine	16.759	200	454	0.097	ng	# 89
24) Pentachlorophenol	16.933	266	177	0.069	ng	89
25) Phenanthrene	17.330	178	3373	0.103	ng	99
26) Anthracene	17.417	178	2826	0.101	ng	98
28) Fluoranthene	19.350	202	3300	0.089	ng	98
30) Pyrene	19.717	202	3379	0.098	ng	99
32) Benzo(a)anthracene	21.474	228	2348	0.092	ng	98
33) Chrysene	21.519	228	2582	0.089	ng	96
34) Bis(2-ethylhexyl)phtha...	21.420	149	1880	0.108	ng	98
36) Indeno(1,2,3-cd)pyrene	26.329	276	2590m	0.085	ng	
37) Benzo(b)fluoranthene	23.145	252	2268	0.084	ng	# 65
38) Benzo(k)fluoranthene	23.195	252	2559m	0.091	ng	
39) Benzo(a)pyrene	23.762	252	1917	0.081	ng	# 56
40) Dibenzo(a,h)anthracene	26.367	278	1983m	0.082	ng	
41) Benzo(g,h,i)perylene	27.081	276	2306	0.078	ng	# 85

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

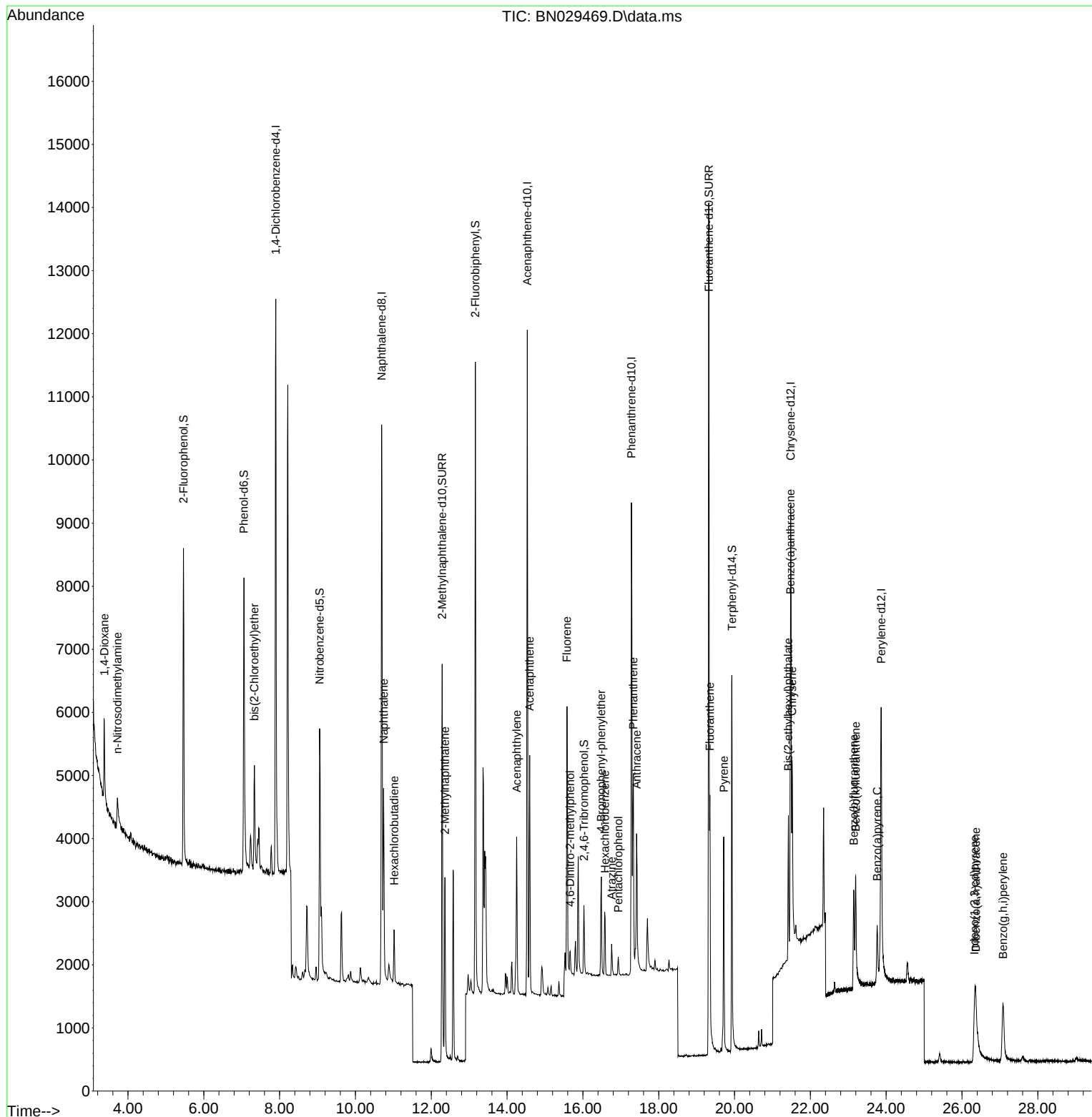
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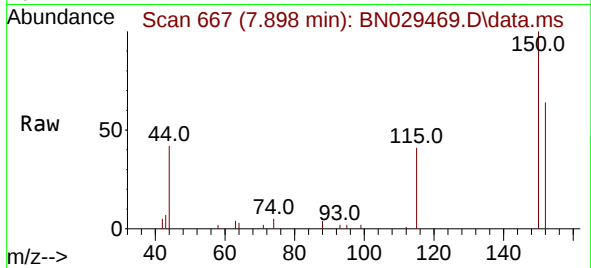
Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.898 min Scan# 668
 Delta R.T. -0.000 min
 Lab File: BN029469.D
 Acq: 01 Feb 2024 03:47

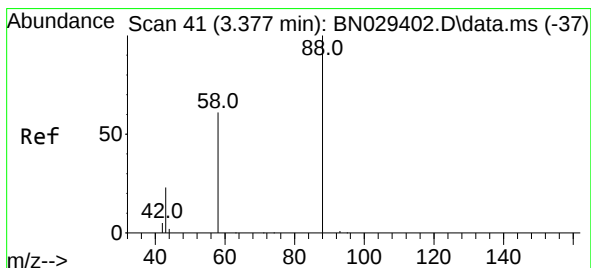
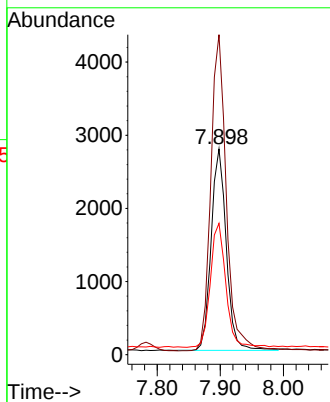
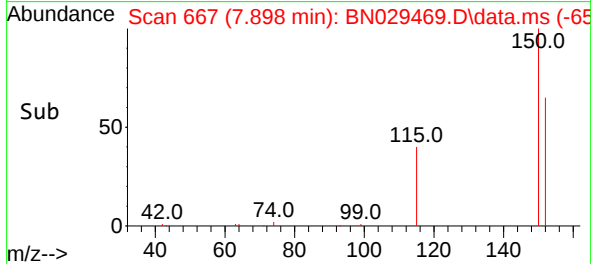
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2023



Tgt Ion: 152 Resp: 461
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 63.9 51.4 77.0

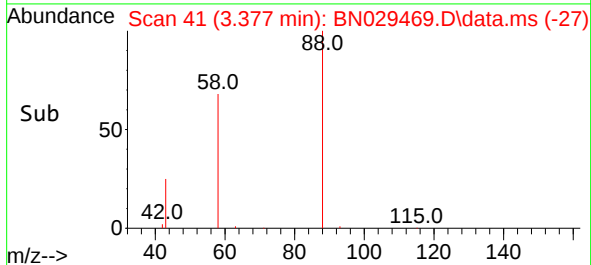
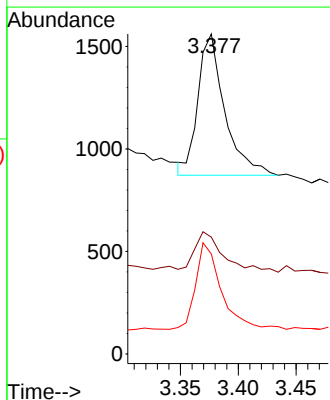
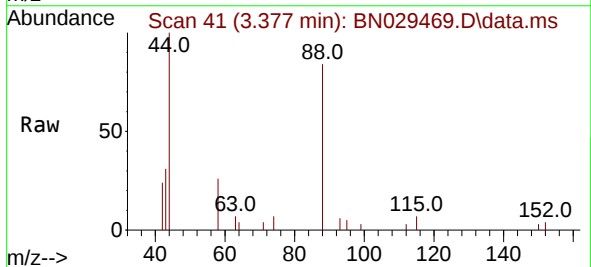
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#2
 1,4-Dioxane
 Concen: 0.171 ng
 RT: 3.377 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN029469.D
 Acq: 01 Feb 2024 03:47

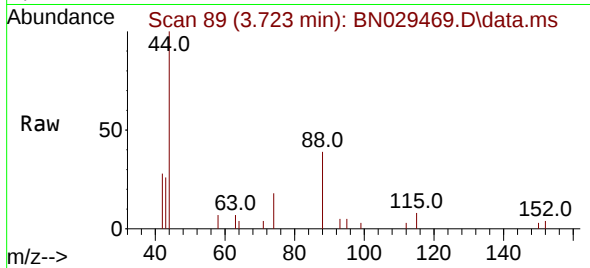
Tgt Ion: 88 Resp: 1112
 Ion Ratio Lower Upper
 88 100
 43 33.3 23.3 34.9
 58 58.6 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.093 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.014 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

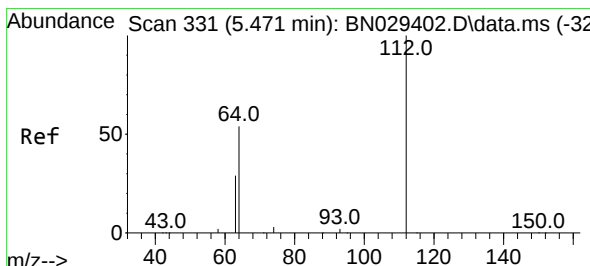
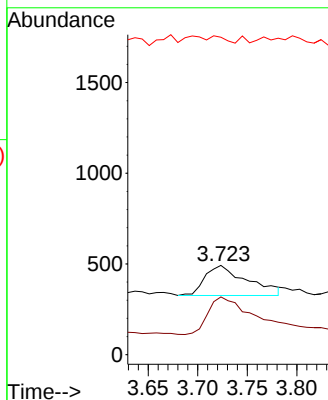
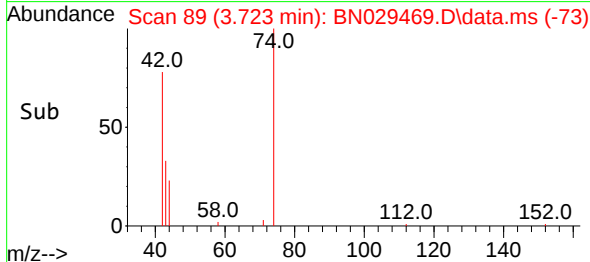
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion: 42 Resp: 492
Ion Ratio Lower Upper
42 100
74 129.3 93.7 140.5
44 0.0 13.0 19.4

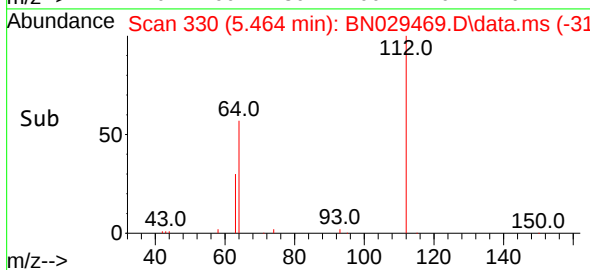
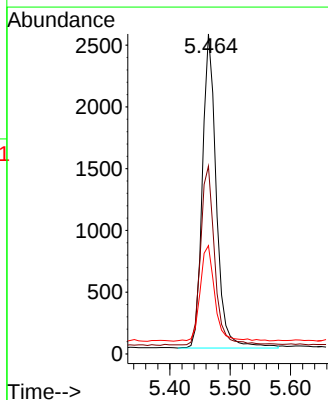
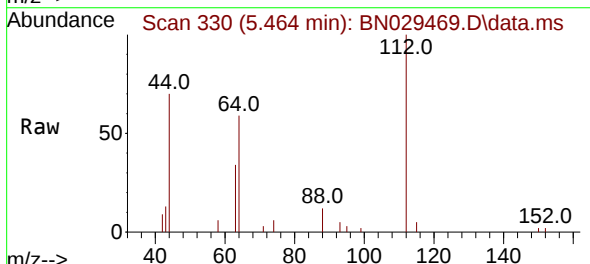
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Supervised By :Sohil Jodhani 02/02/2024



#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.464 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

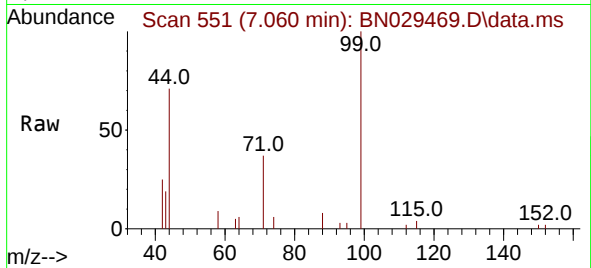
Tgt Ion:112 Resp: 4105
Ion Ratio Lower Upper
112 100
64 57.5 47.2 70.8
63 31.9 25.8 38.6





#5
Phenol-d6
Concen: 0.405 ng
RT: 7.060 min Scan# 518
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

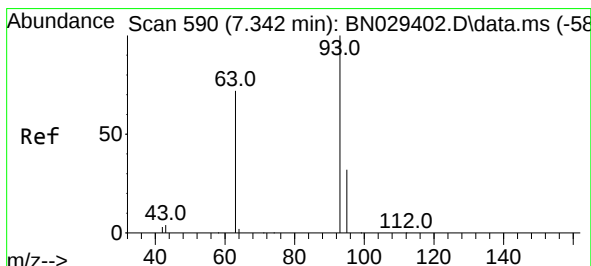
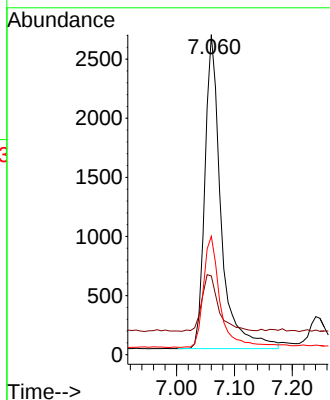
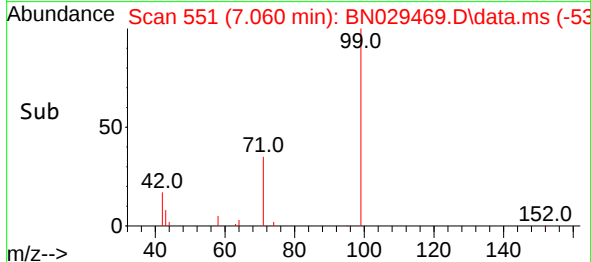
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion: 99 Resp: 518
Ion Ratio Lower Upper
99 100
42 18.2 16.9 25.3
71 36.8 30.0 45.0

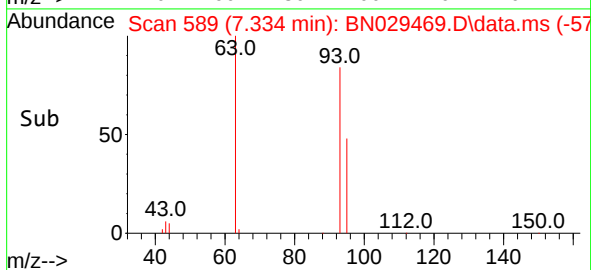
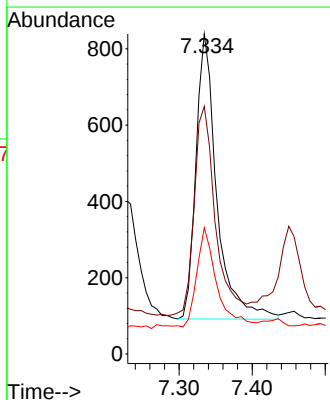
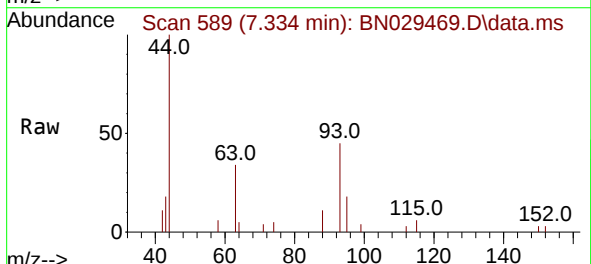
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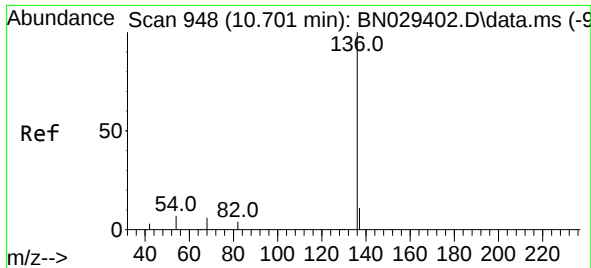
Reviewed By :Jagrut Upadhyay 02/01/2024
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#6
bis(2-Chloroethyl)ether
Concen: 0.121 ng
RT: 7.334 min Scan# 589
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

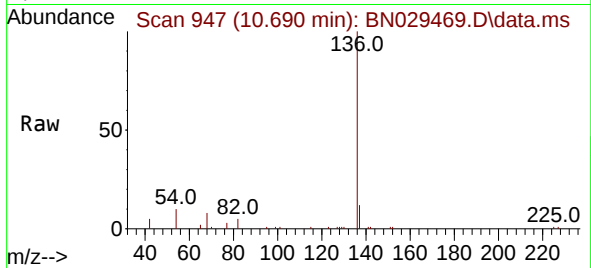
Tgt Ion: 93 Resp: 1482
Ion Ratio Lower Upper
93 100
63 74.2 63.1 94.7
95 33.7 27.1 40.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

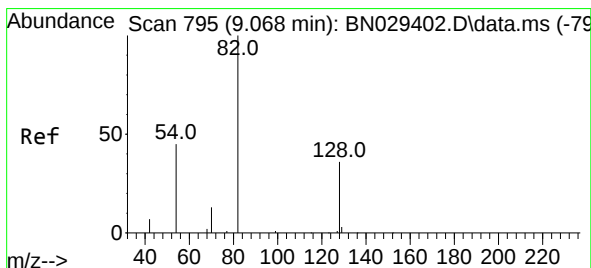
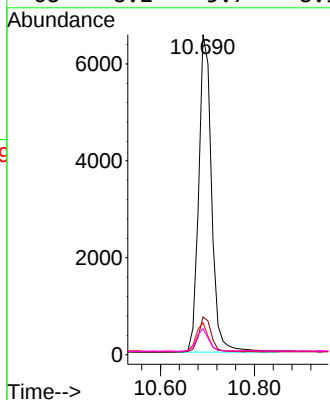
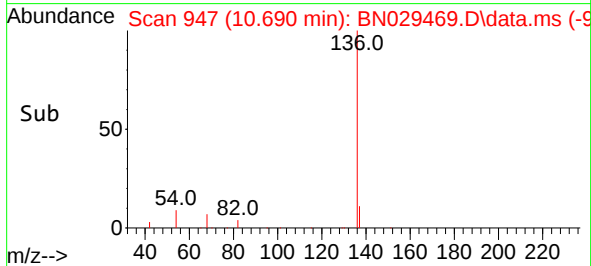
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion:136 Resp: 12500
Ion Ratio Lower Upper
136 100
137 11.8 9.7 14.5
54 10.0 6.6 10.0
68 8.2 5.7 8.5

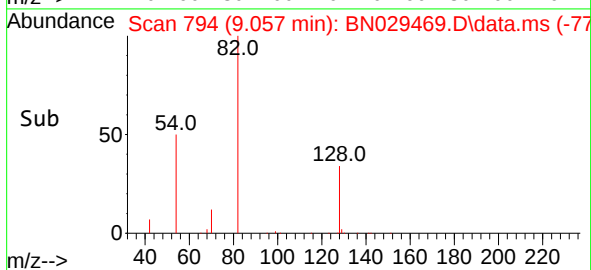
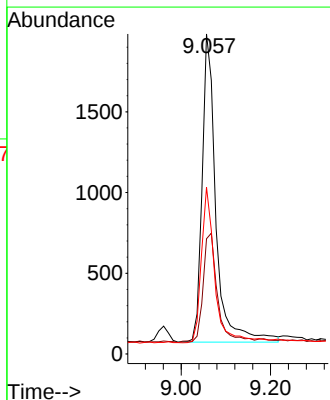
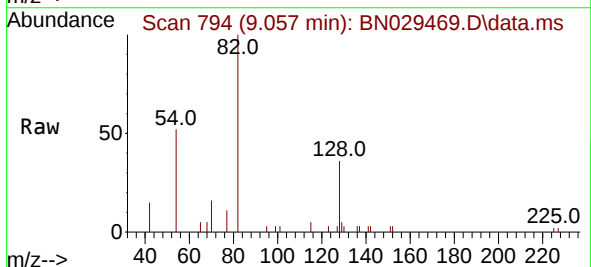
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#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 9.057 min Scan# 794
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

Tgt Ion: 82 Resp: 4095
Ion Ratio Lower Upper
82 100
128 36.0 31.6 47.4
54 52.1 38.2 57.4





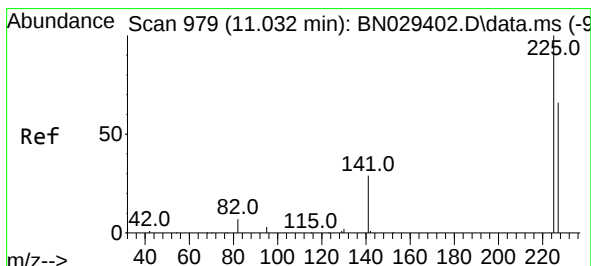
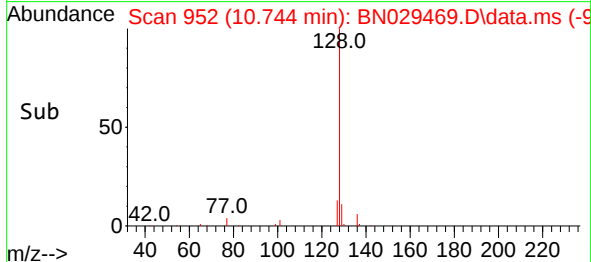
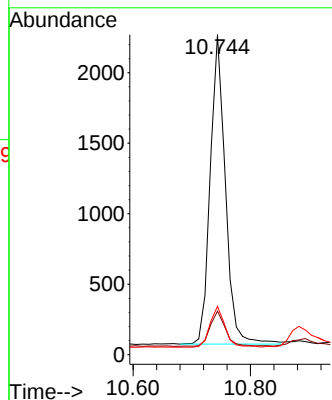
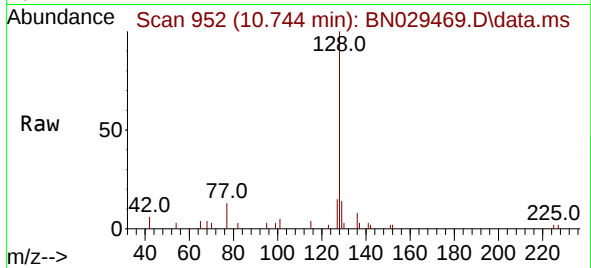
#9
Naphthalene
Concen: 0.111 ng
RT: 10.744 min Scan# 953
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

Tgt Ion:128 Resp: 394
Ion Ratio Lower Upper
128 100
129 13.6 9.5 14.3
127 15.1 10.8 16.2

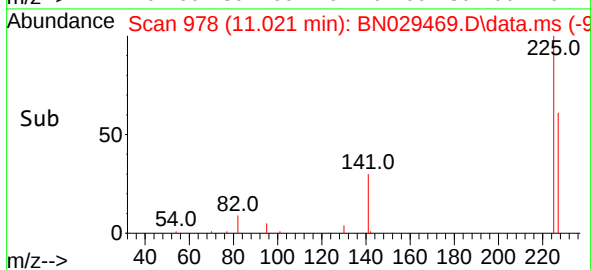
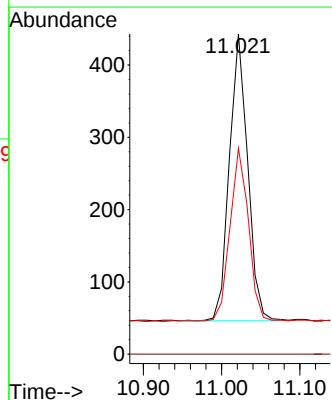
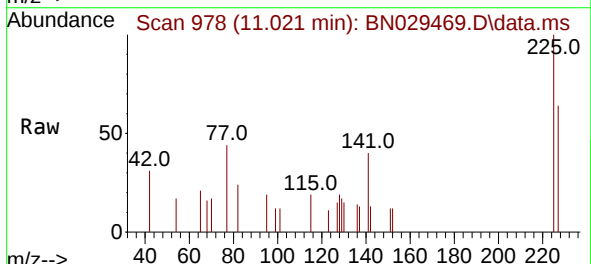
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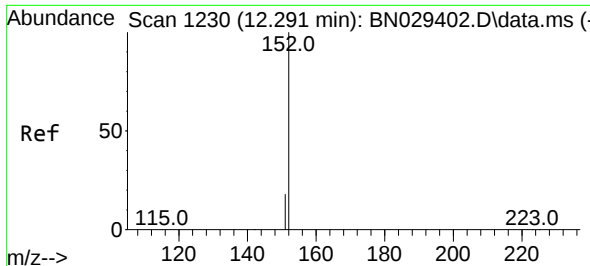
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#10
Hexachlorobutadiene
Concen: 0.095 ng
RT: 11.021 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

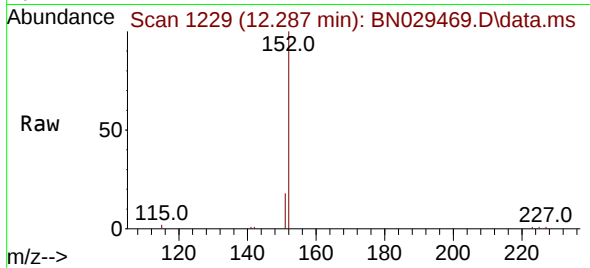
Tgt Ion:225 Resp: 644
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 60.4 51.1 76.7





#11
2-Methylnaphthalene-d10
Concen: 0.543 ng
RT: 12.287 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

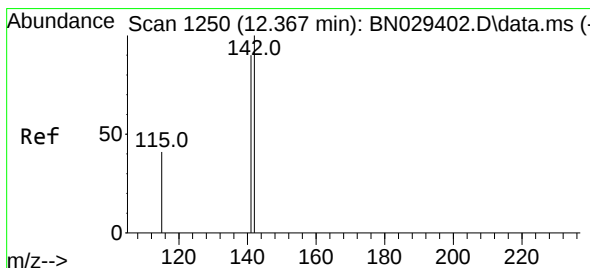
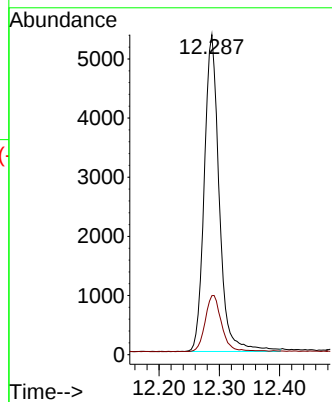
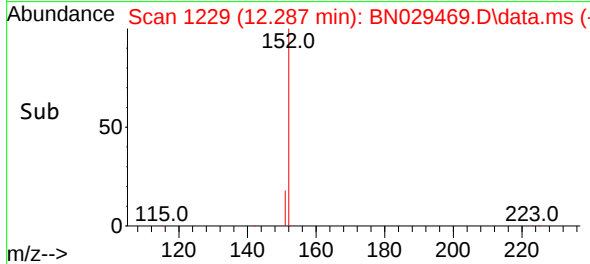
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion:152 Resp: 924
Ion Ratio Lower Upper
152 100
151 19.5 17.1 25.7

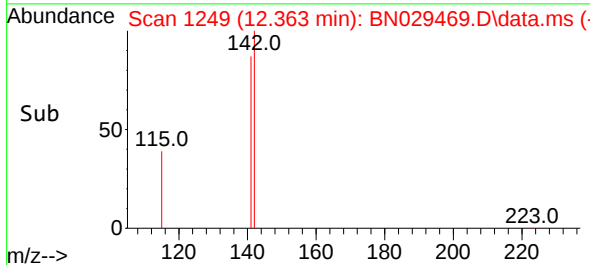
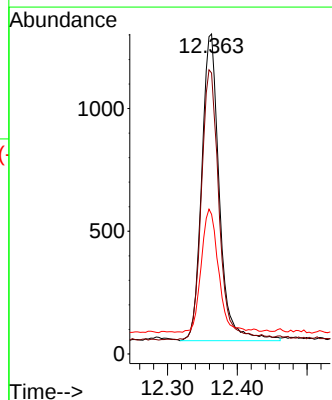
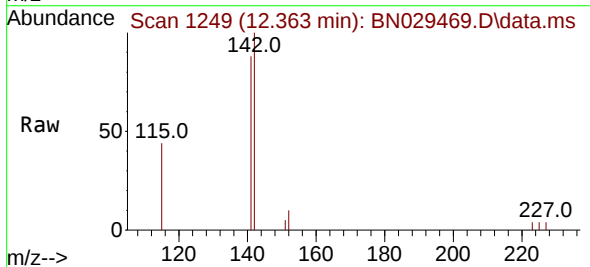
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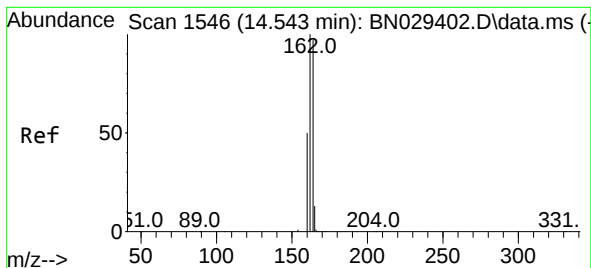
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.363 min Scan# 1249
Delta R.T. 0.004 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

Tgt Ion:142 Resp: 2195
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9
115 43.6 33.9 50.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.532 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN029469.D

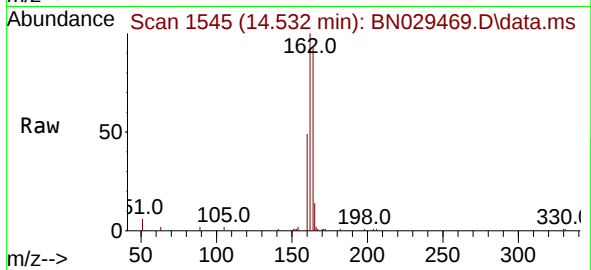
Acq: 01 Feb 2024 03:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023



Tgt Ion:164 Resp: 5840

Ion Ratio Lower Upper

164 100

162 107.1 82.6 123.8

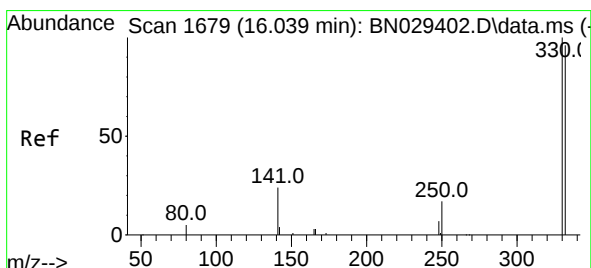
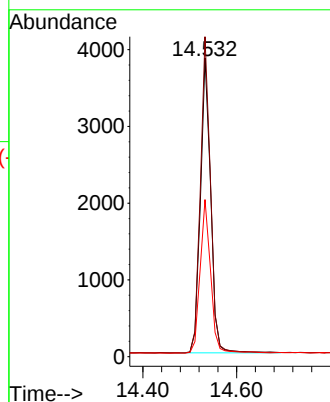
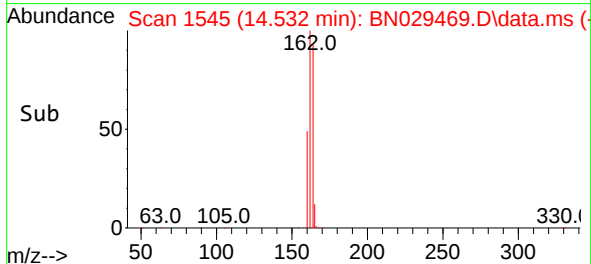
160 52.6 41.5 62.3

Manual Integrations

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Supervised By :Sohil Jodhani 02/02/2024



#14

2,4,6-Tribromophenol

Concen: 0.327 ng

RT: 16.027 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BN029469.D

Acq: 01 Feb 2024 03:47

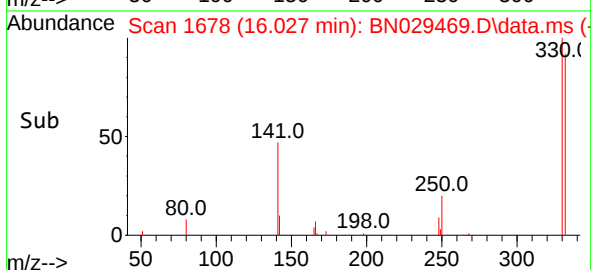
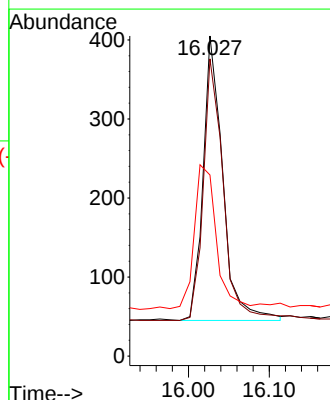
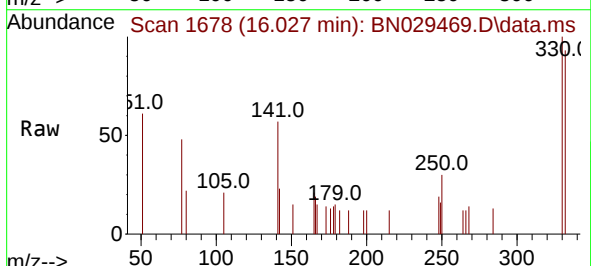
Tgt Ion:330 Resp: 612

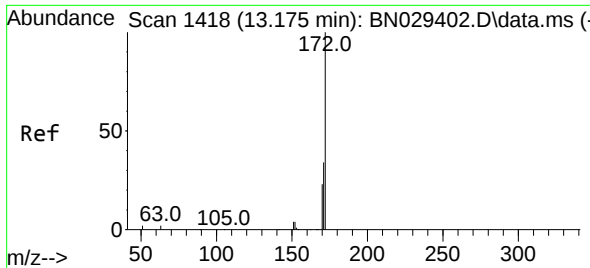
Ion Ratio Lower Upper

330 100

332 93.0 76.0 114.0

141 58.5 43.4 65.2





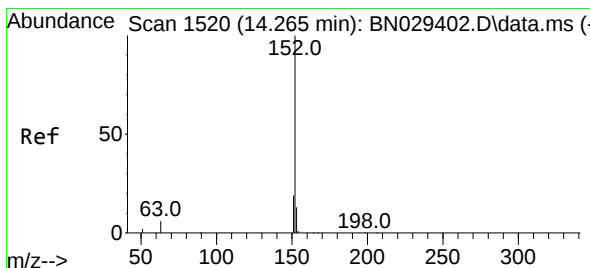
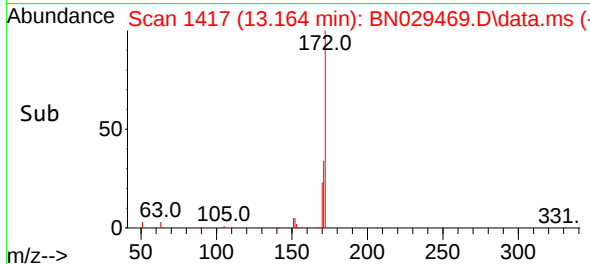
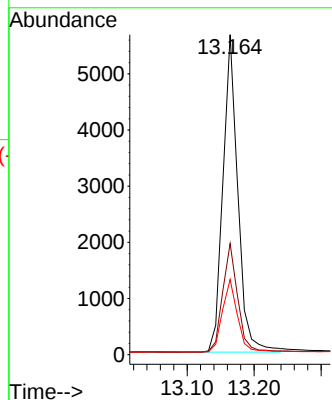
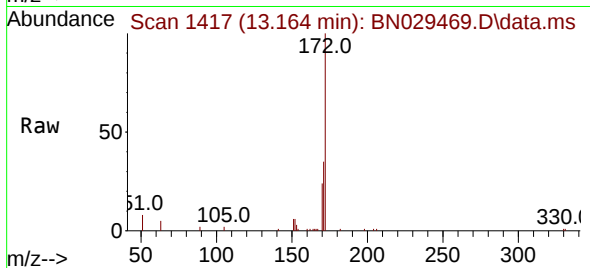
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.164 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

Tgt Ion:172 Resp: 875
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.5 18.7 28.1

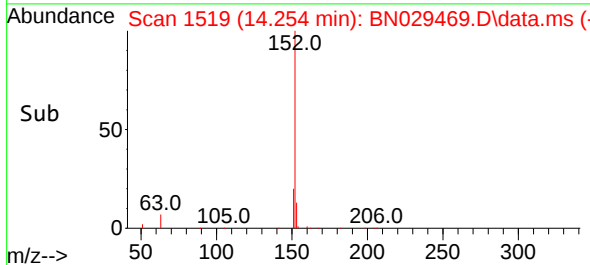
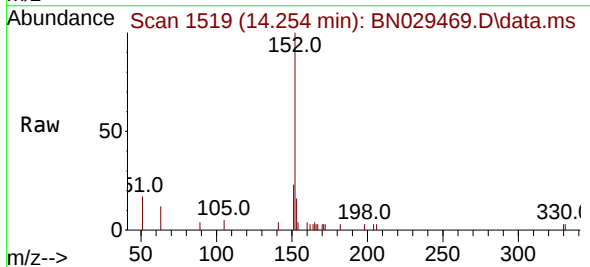
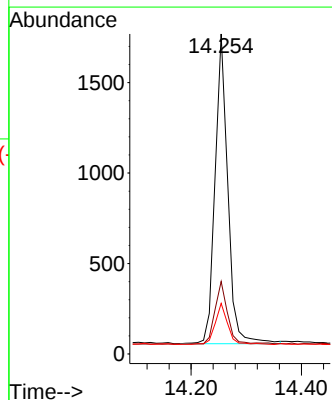
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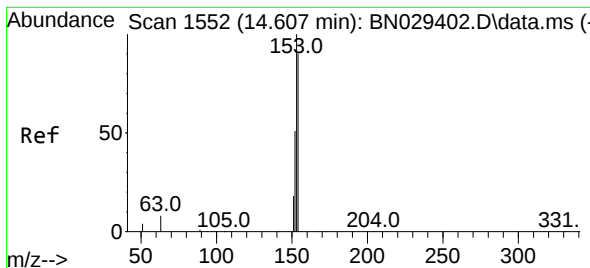
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#16
Acenaphthylene
Concen: 0.099 ng
RT: 14.254 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

Tgt Ion:152 Resp: 2741
Ion Ratio Lower Upper
152 100
151 21.0 15.9 23.9
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.097 ng

RT: 14.597 min Scan# 1551

Delta R.T. 0.000 min

Lab File: BN029469.D

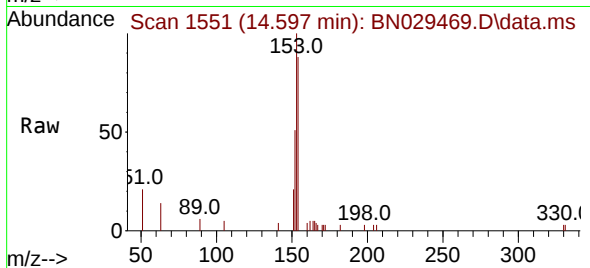
Acq: 01 Feb 2024 03:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2023

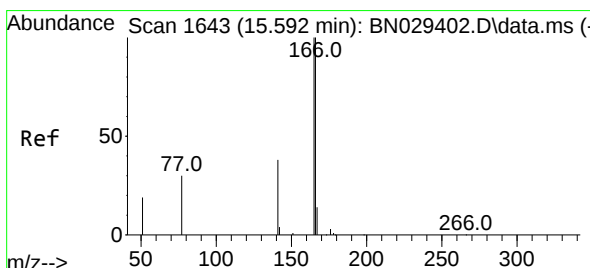
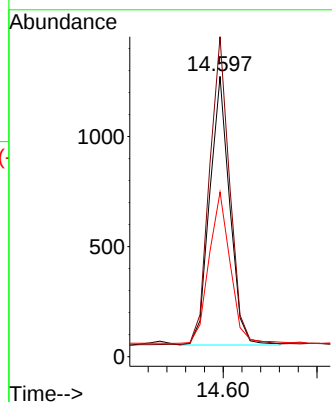
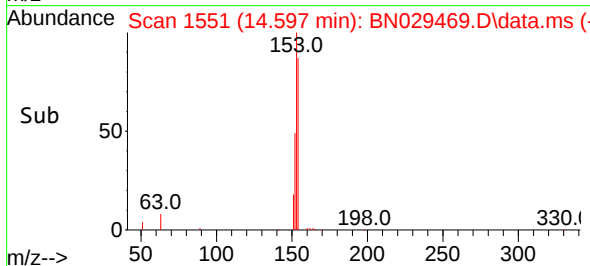


Tgt Ion:	154	Resp:	181
Ion Ratio	100	Lower	Upper
154	100		
153	116.0	93.6	140.4
152	59.7	48.6	73.0

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Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#18

Fluorene

Concen: 0.096 ng

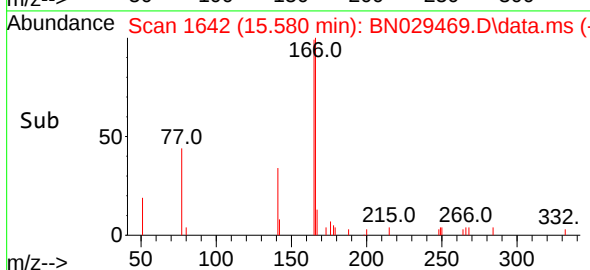
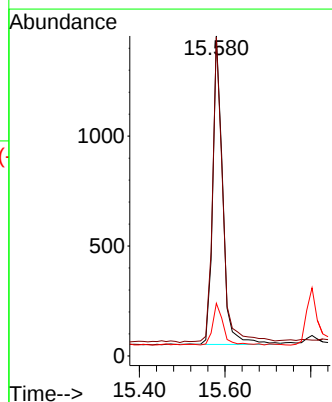
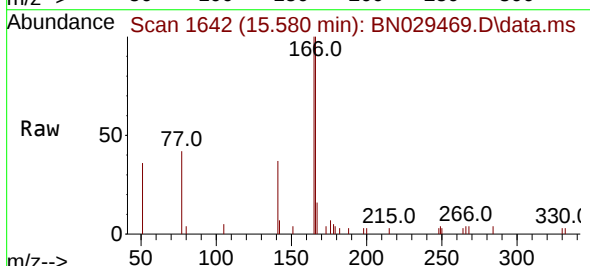
RT: 15.580 min Scan# 1642

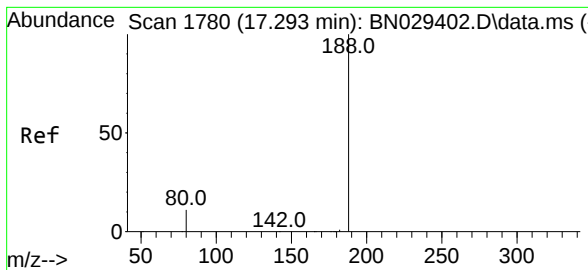
Delta R.T. 0.000 min

Lab File: BN029469.D

Acq: 01 Feb 2024 03:47

Tgt Ion:	166	Resp:	2250
Ion Ratio	100	Lower	Upper
166	100		
165	101.5	79.9	119.9
167	14.3	11.3	16.9





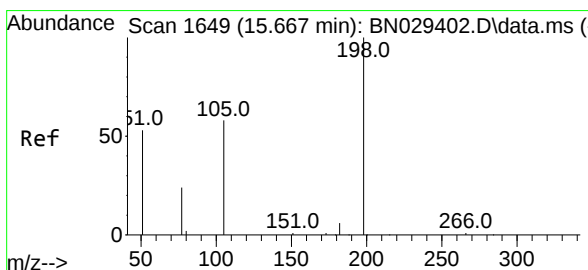
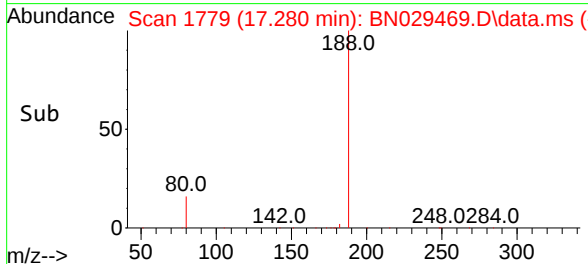
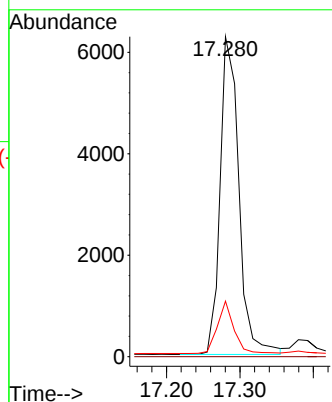
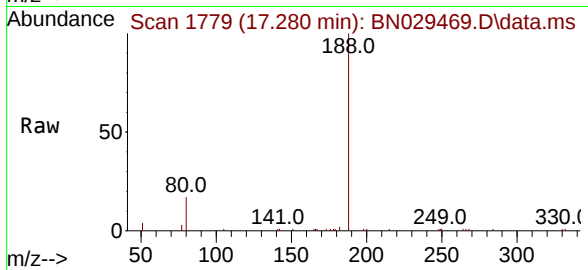
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

Tgt Ion:188 Resp: 1110
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.4 10.0 15.0

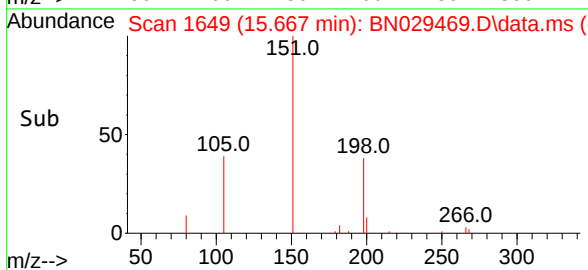
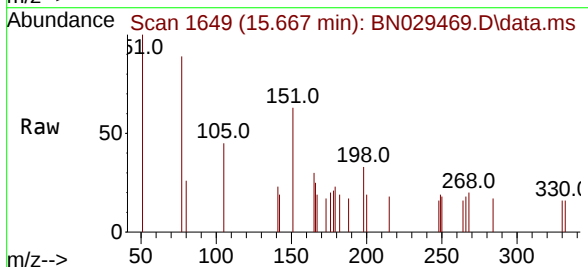
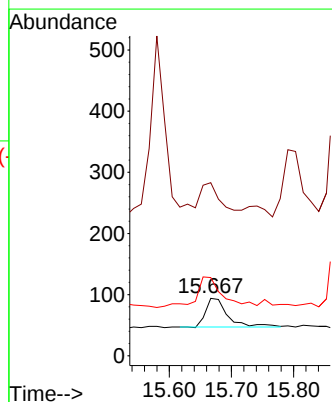
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Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.071 ng
RT: 15.667 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

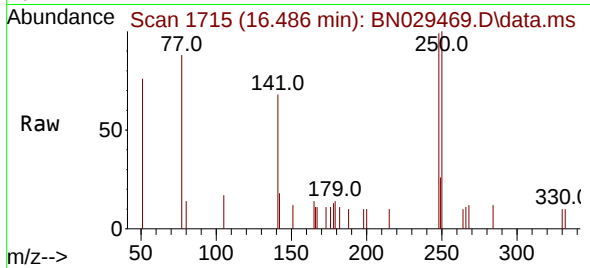
Tgt Ion:198 Resp: 116
Ion Ratio Lower Upper
198 100
51 301.1 111.0 166.6#
105 136.2 67.0 100.6#





#21
4-Bromophenyl-phenylether
Concen: 0.095 ng
RT: 16.486 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

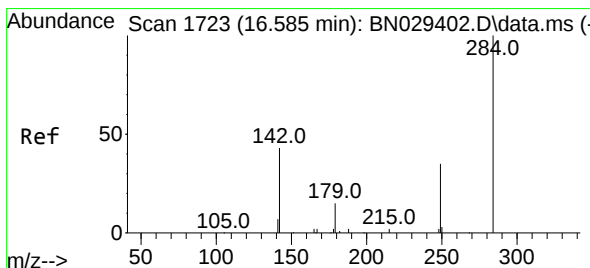
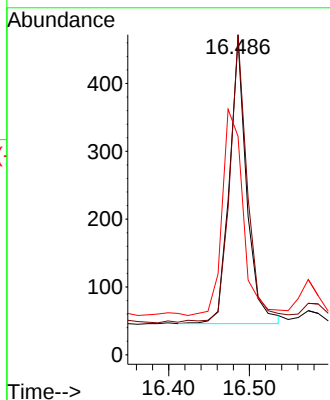
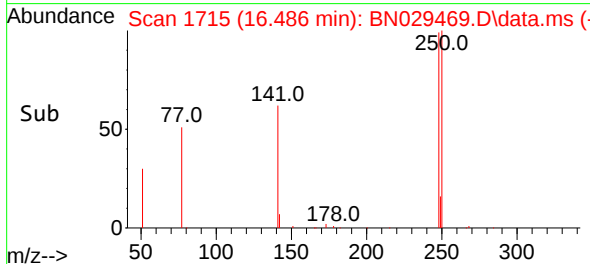
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion:248 Resp: 63
Ion Ratio Lower Upper
248 100
250 101.5 75.0 112.4
141 69.2 77.0 115.6

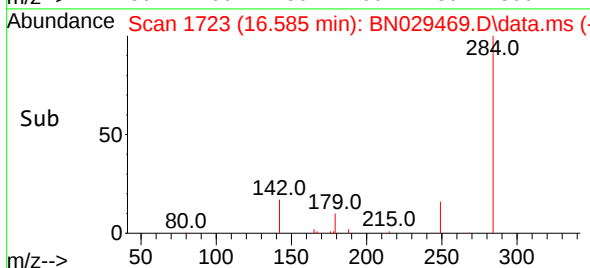
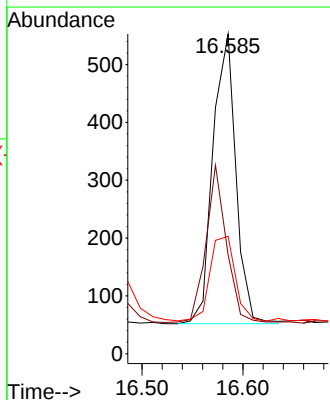
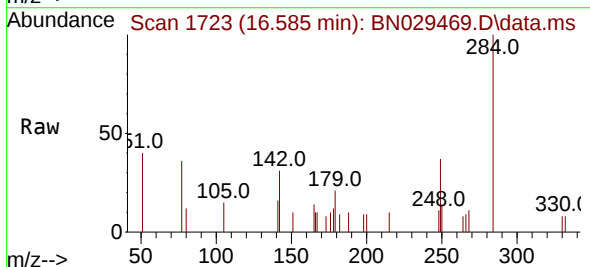
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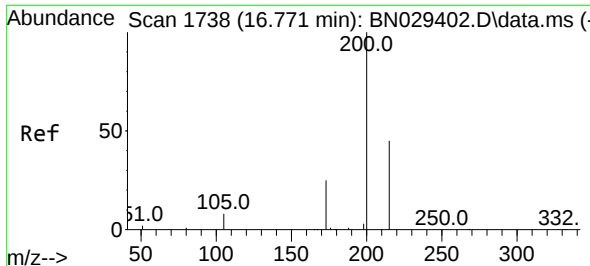
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#22
Hexachlorobenzene
Concen: 0.098 ng
RT: 16.585 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

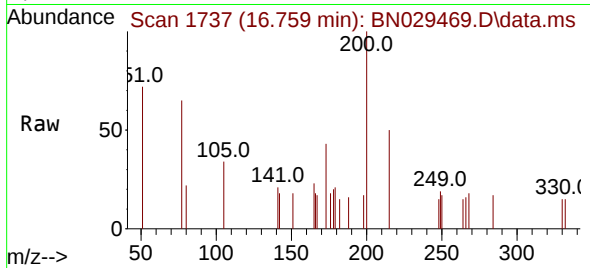
Tgt Ion:284 Resp: 792
Ion Ratio Lower Upper
284 100
142 48.1 39.4 59.2
249 32.3 26.9 40.3





#23
Atrazine
Concen: 0.097 ng
RT: 16.759 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

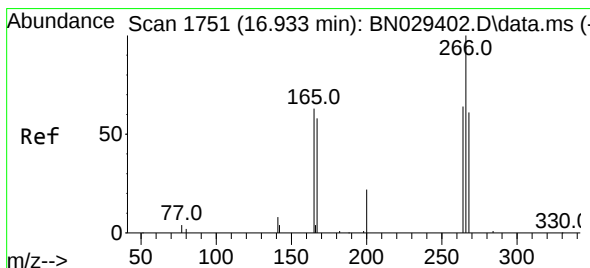
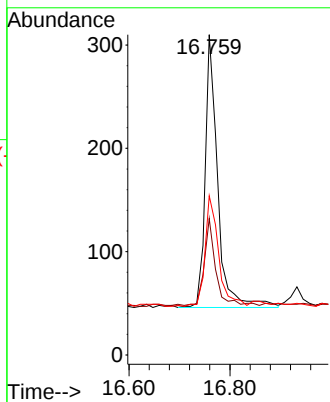
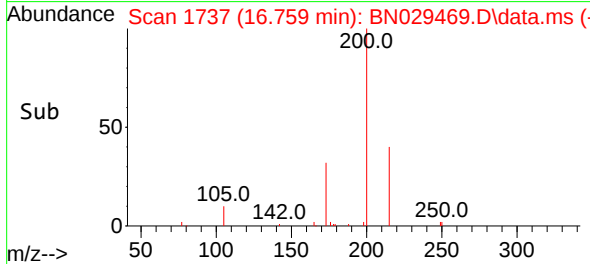
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion:200 Resp: 454
Ion Ratio Lower Upper
200 100
173 42.6 23.4 35.0
215 49.7 38.4 57.6

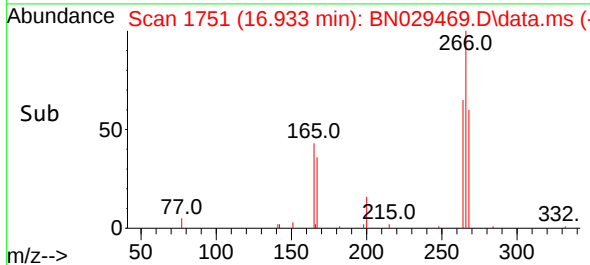
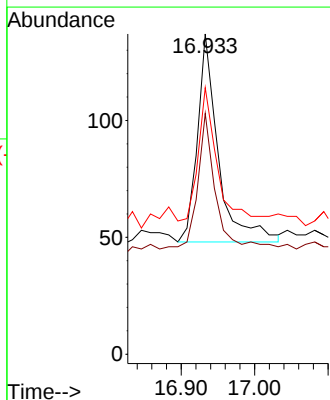
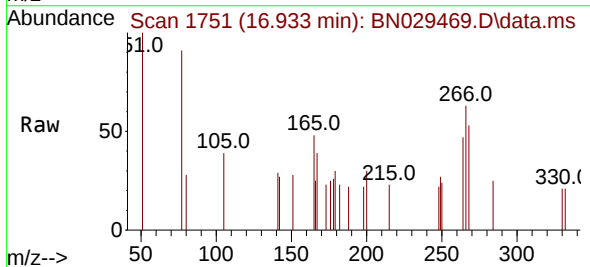
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Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#24
Pentachlorophenol
Concen: 0.069 ng
RT: 16.933 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

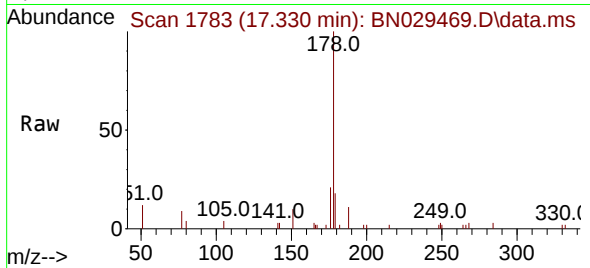
Tgt Ion:266 Resp: 177
Ion Ratio Lower Upper
266 100
264 56.5 50.8 76.2
268 53.7 51.5 77.3





#25
Phenanthrene
Concen: 0.103 ng
RT: 17.330 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

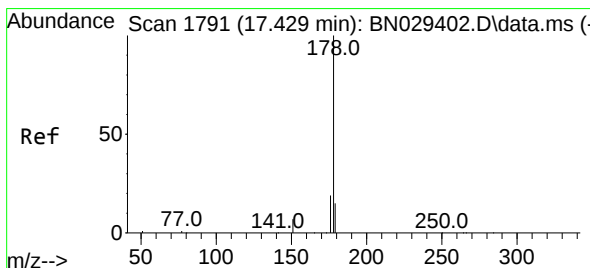
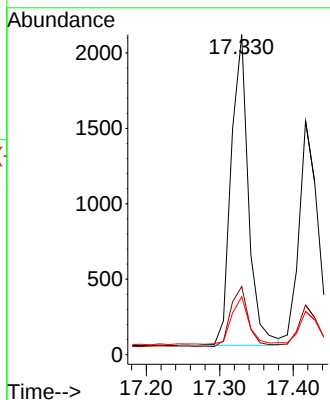
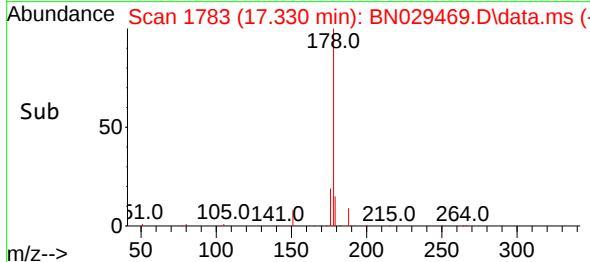
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



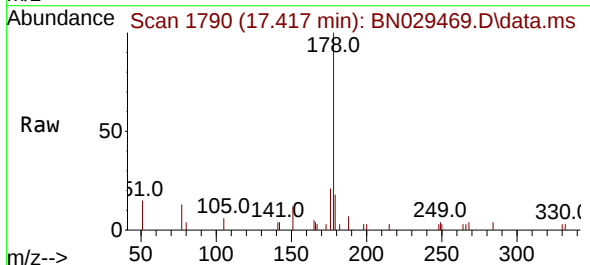
Tgt Ion:178 Resp: 337
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.1 12.6 19.0

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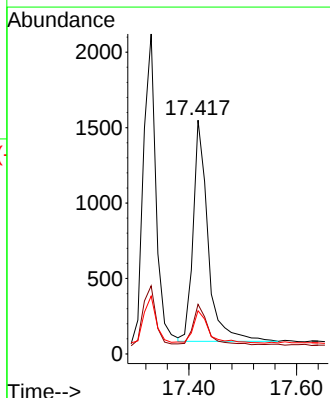
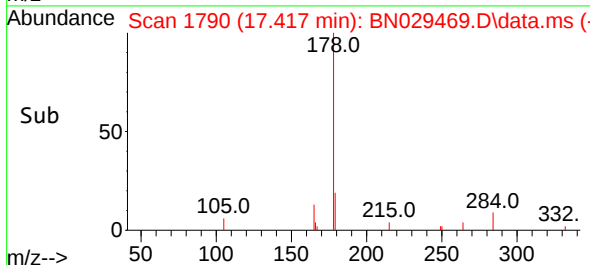
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

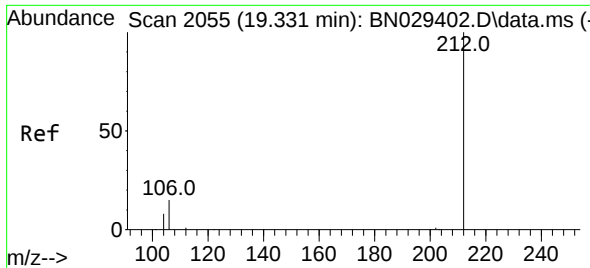


#26
Anthracene
Concen: 0.101 ng
RT: 17.417 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47



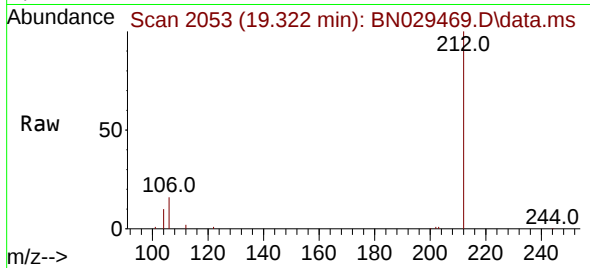
Tgt Ion:178 Resp: 2826
Ion Ratio Lower Upper
178 100
176 17.5 15.0 22.4
179 15.1 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.588 ng
RT: 19.322 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

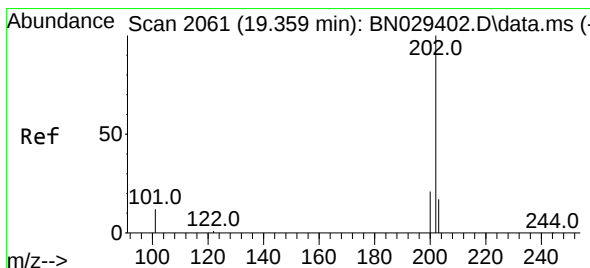
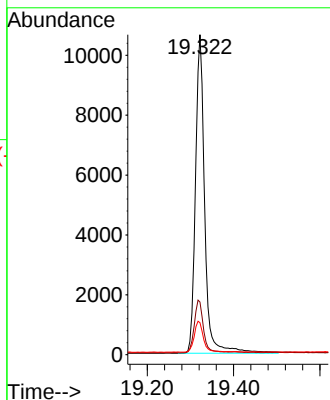
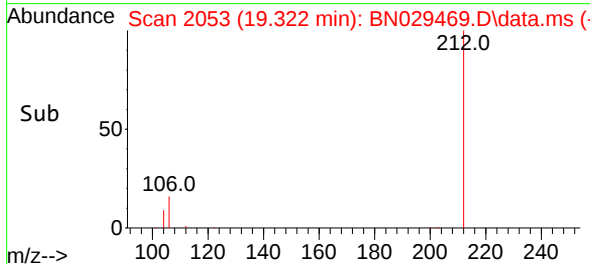
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion:212 Resp: 1581
Ion Ratio Lower Upper
212 100
106 16.4 13.2 19.8
104 9.6 7.7 11.5

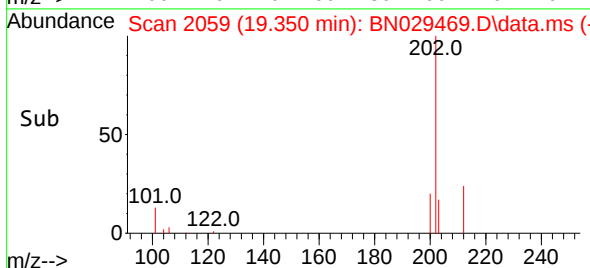
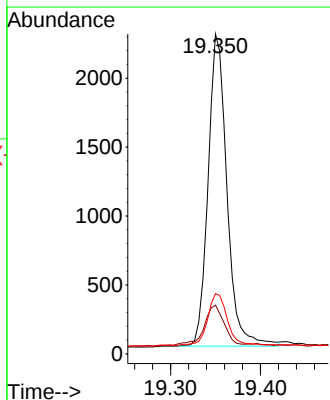
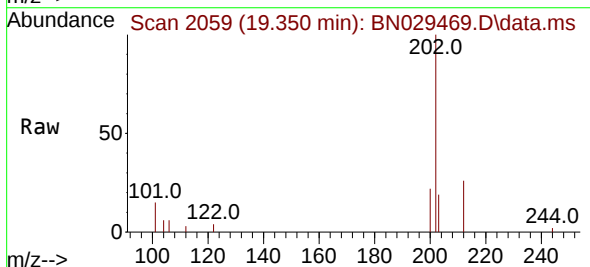
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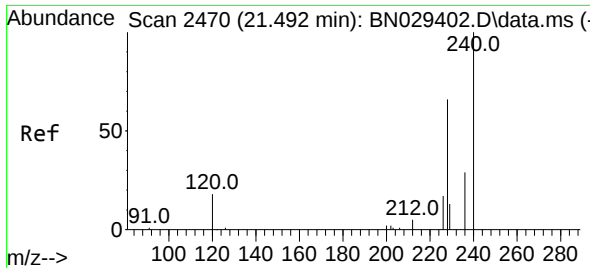
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#28
Fluoranthene
Concen: 0.089 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

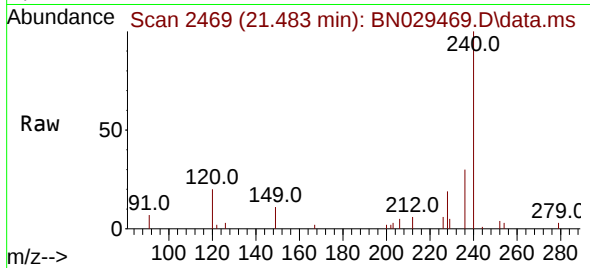
Tgt Ion:202 Resp: 3300
Ion Ratio Lower Upper
202 100
101 14.6 10.5 15.7
203 17.2 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 2469
Delta R.T. -0.009 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

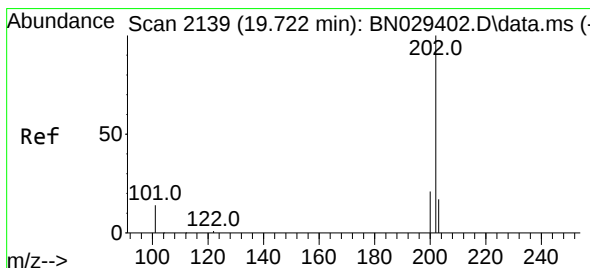
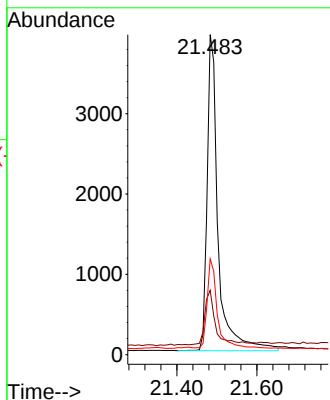
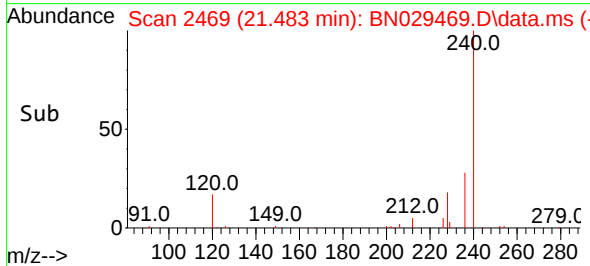
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion:240 Resp: 745
Ion Ratio Lower Upper
240 100
120 20.1 16.7 25.1
236 29.9 23.9 35.9

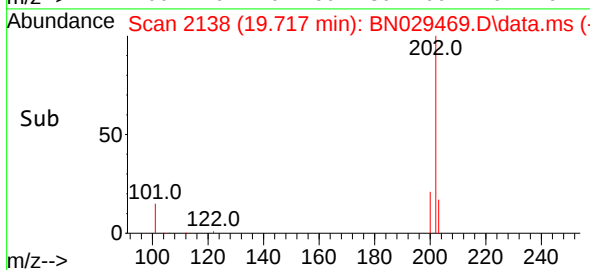
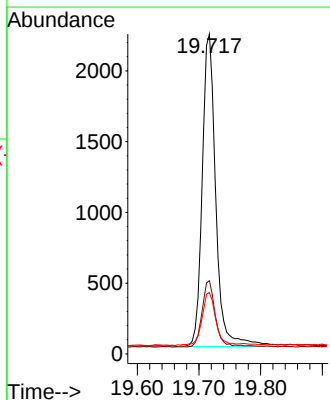
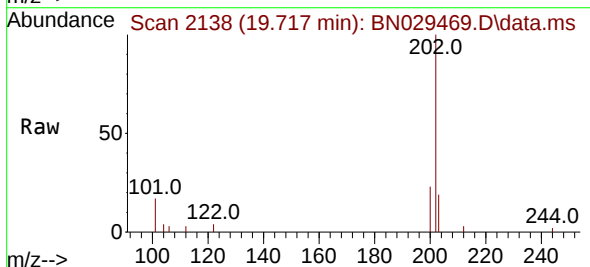
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#30
Pyrene
Concen: 0.098 ng
RT: 19.717 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

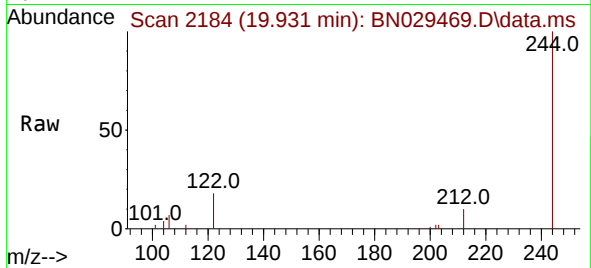
Tgt Ion:202 Resp: 3379
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.1 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.354 ng
 RT: 19.931 min Scan# 2185
 Delta R.T. 0.000 min
 Lab File: BN029469.D
 Acq: 01 Feb 2024 03:47

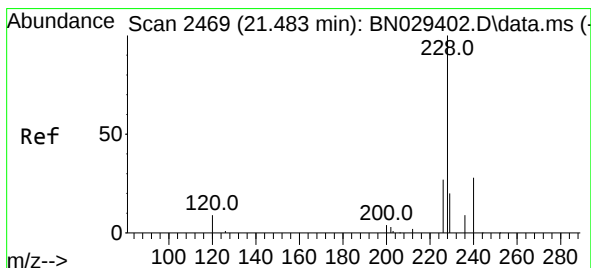
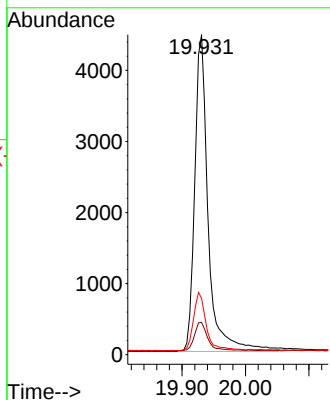
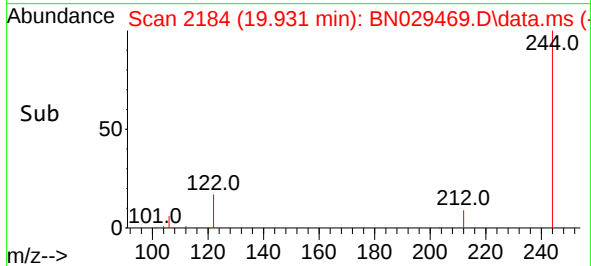
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2023



Tgt Ion:244 Resp: 6558
 Ion Ratio Lower Upper
 244 100
 212 10.1 8.2 12.4
 122 17.6 15.6 23.4

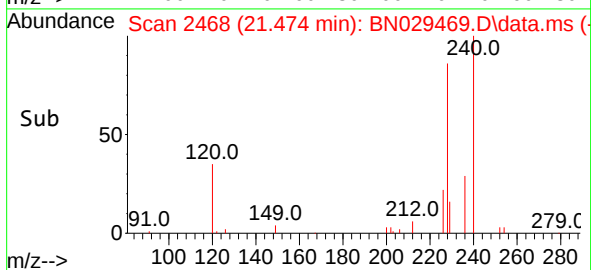
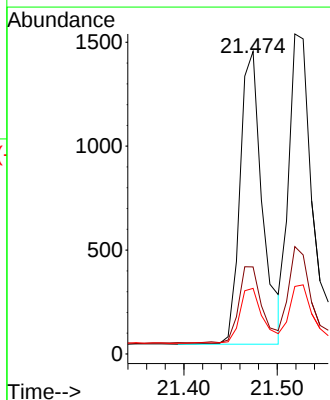
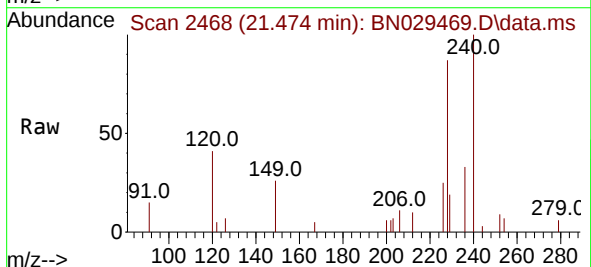
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Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024



#32
 Benzo(a)anthracene
 Concen: 0.092 ng
 RT: 21.474 min Scan# 2468
 Delta R.T. 0.000 min
 Lab File: BN029469.D
 Acq: 01 Feb 2024 03:47

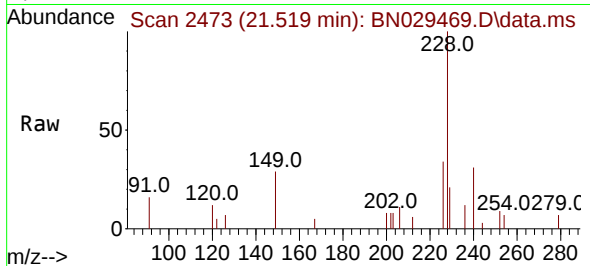
Tgt Ion:228 Resp: 2348
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.2 33.4
 229 21.7 16.5 24.7





#33
Chrysene
Concen: 0.089 ng
RT: 21.519 min Scan# 2473
Delta R.T. -0.009 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

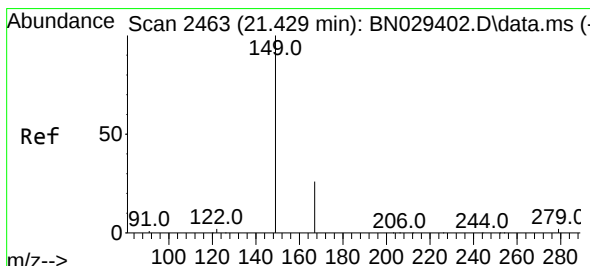
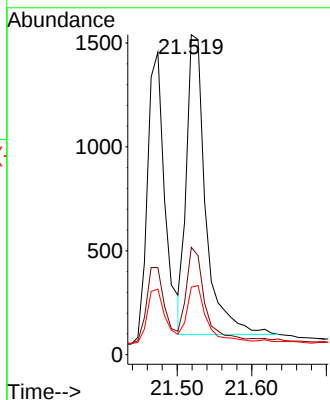
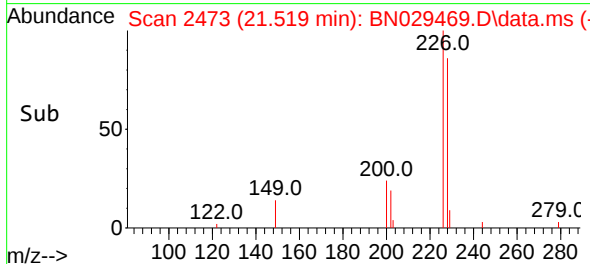
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



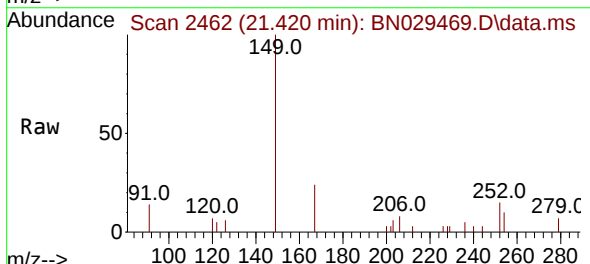
Tgt Ion:228 Resp: 258
Ion Ratio Lower Upper
228 100
226 33.6 24.9 37.3
229 21.1 15.9 23.9

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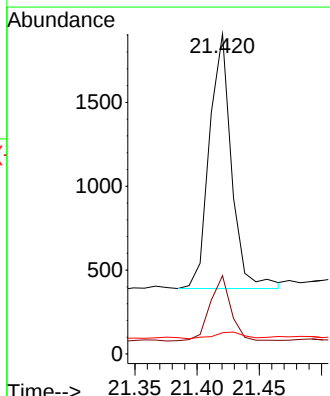
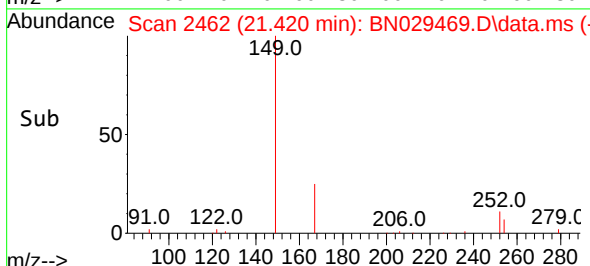
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

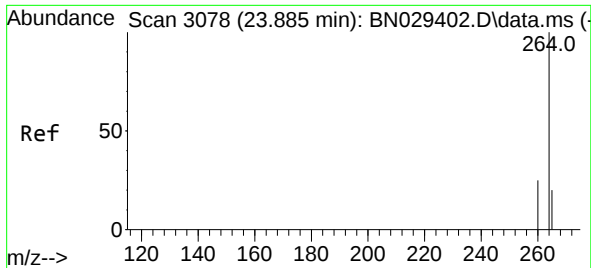


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.420 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47



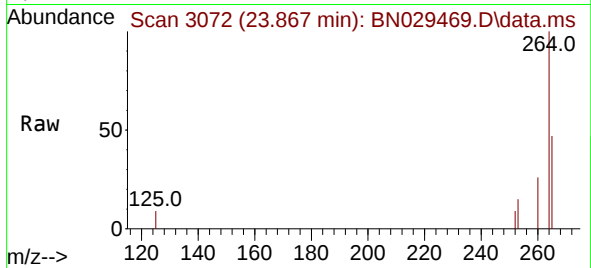
Tgt Ion:149 Resp: 1880
Ion Ratio Lower Upper
149 100
167 24.2 20.1 30.1
279 3.7 2.5 3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.867 min Scan# 3072
 Delta R.T. -0.003 min
 Lab File: BN029469.D
 Acq: 01 Feb 2024 03:47

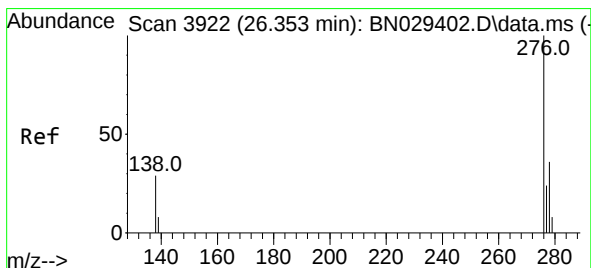
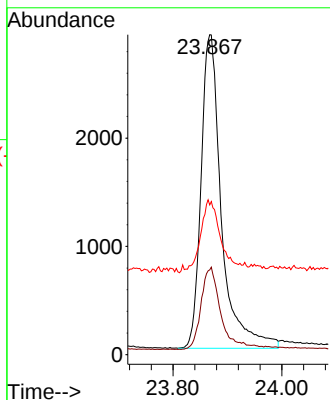
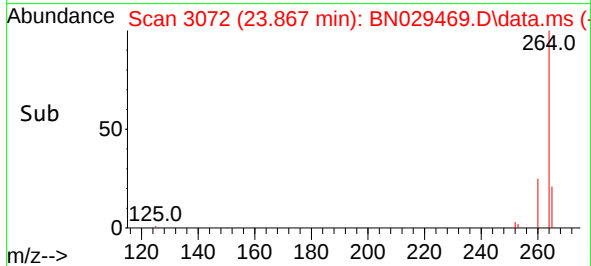
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2023



Tgt Ion:264 Resp: 7550
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 46.8 41.5 62.3

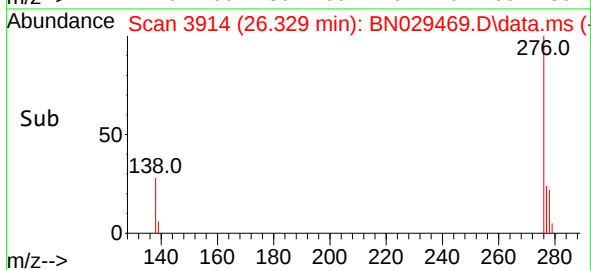
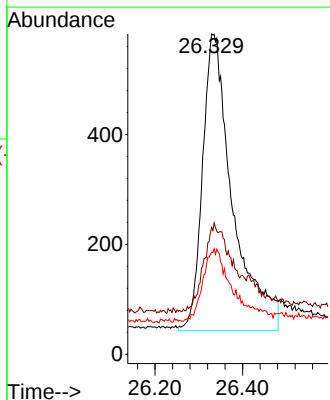
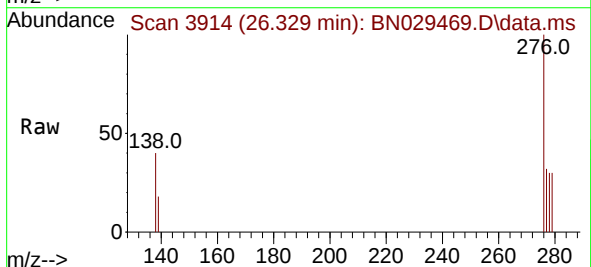
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 Supervised By :Sohil Jodhani 02/02/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.085 ng m
 RT: 26.329 min Scan# 3914
 Delta R.T. -0.006 min
 Lab File: BN029469.D
 Acq: 01 Feb 2024 03:47

Tgt Ion:276 Resp: 2590
 Ion Ratio Lower Upper
 276 100
 138 13.6 20.5 30.7#
 277 10.1 17.0 25.4#





#37

Benzo(b)fluoranthene

Concen: 0.084 ng

RT: 23.145 min Scan# 2825

Delta R.T. -0.003 min

Lab File: BN029469.D

Acq: 01 Feb 2024 03:47

Instrument :

BN029469.D

ClientSampleId :

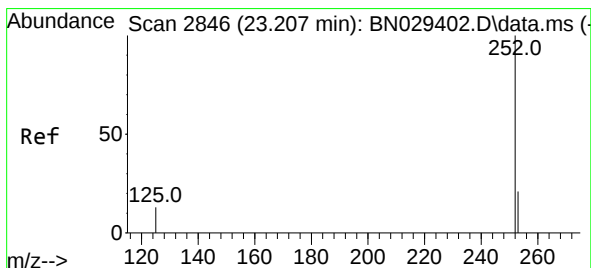
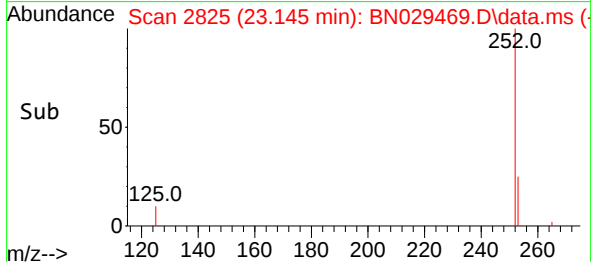
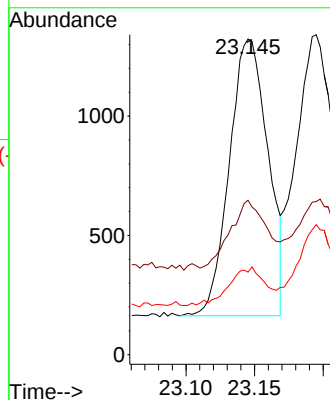
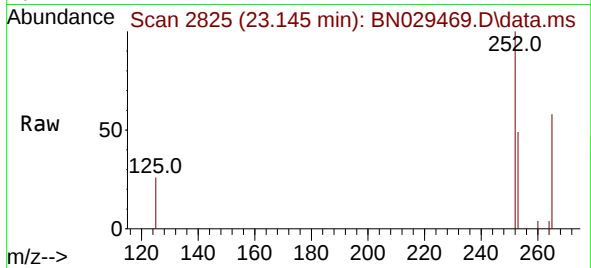
MDL-SOIL-03-QT4-2023

Tgt Ion:252	Resp:	2268
Ion Ratio	Lower	Upper
252	100	
253	48.9	21.7 32.5
125	26.2	13.3 19.9

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Supervised By :Sohil Jodhani 02/02/2024



#38

Benzo(k)fluoranthene

Concen: 0.091 ng m

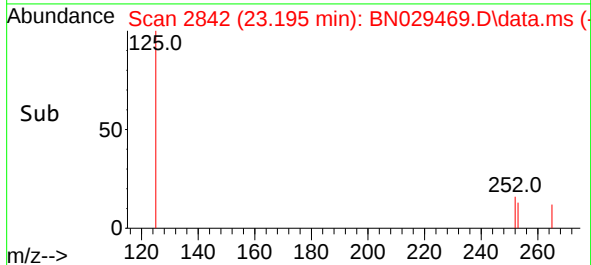
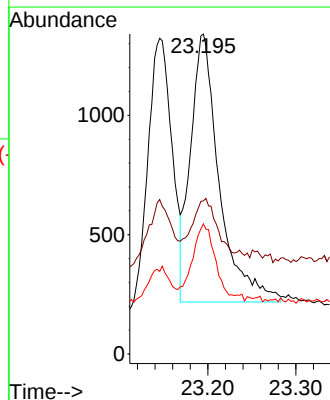
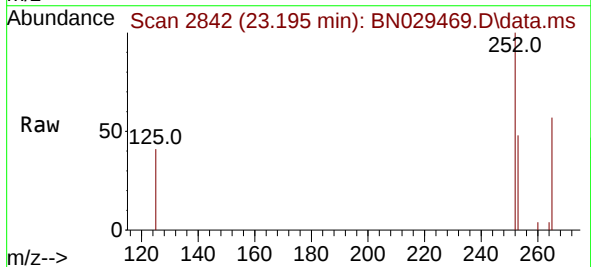
RT: 23.195 min Scan# 2842

Delta R.T. -0.003 min

Lab File: BN029469.D

Acq: 01 Feb 2024 03:47

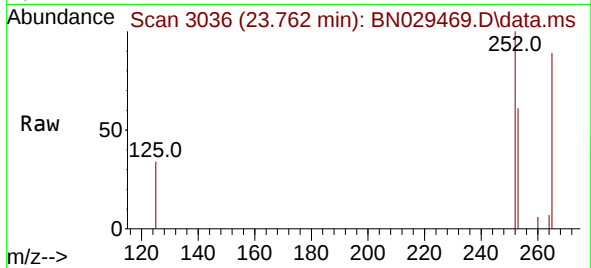
Tgt Ion:252	Resp:	2559
Ion Ratio	Lower	Upper
252	100	
253	47.9	21.8 32.8
125	40.6	13.9 20.9





#39
Benzo(a)pyrene
Concen: 0.081 ng
RT: 23.762 min Scan# 3041
Delta R.T. -0.003 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

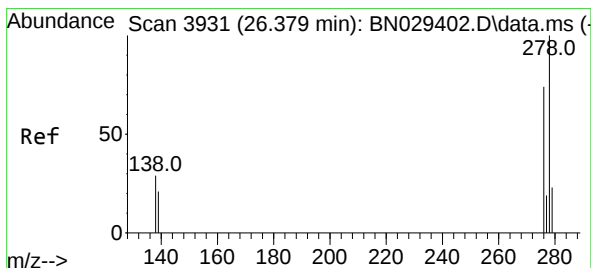
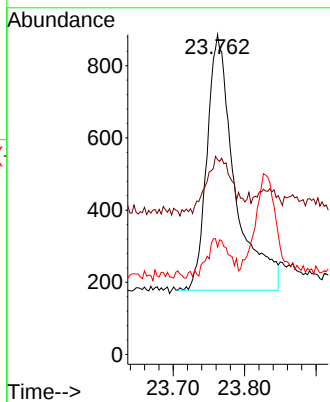
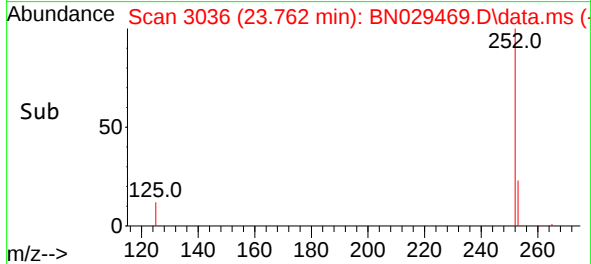
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion:252 Resp: 1917
Ion Ratio Lower Upper
252 100
253 60.9 24.9 37.3#
125 33.6 16.6 25.0#

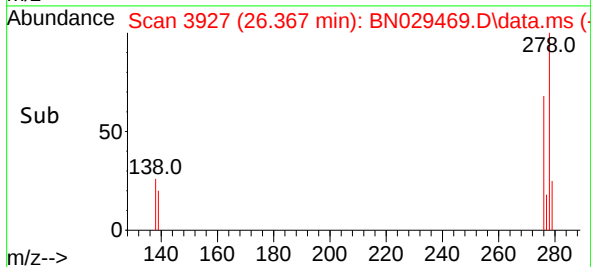
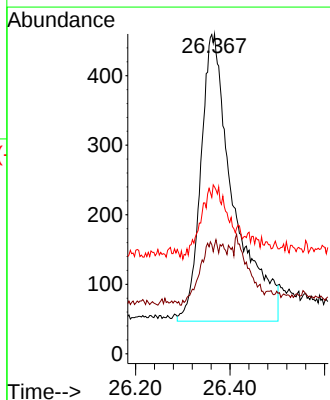
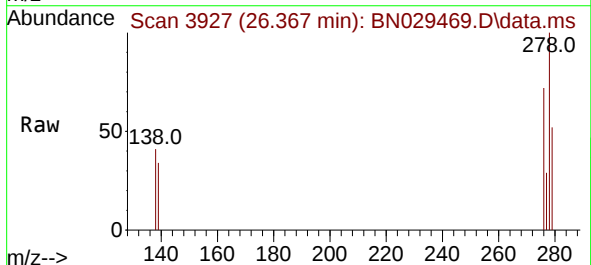
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Supervised By :Sohil Jodhani 02/02/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.082 ng m
RT: 26.367 min Scan# 3927
Delta R.T. 0.003 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

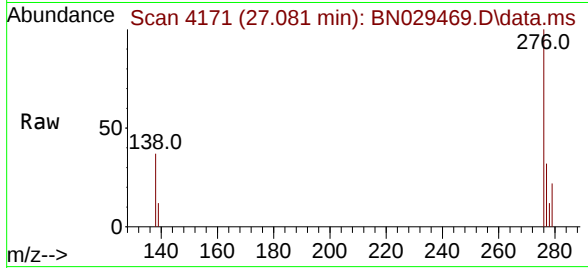
Tgt Ion:278 Resp: 1983
Ion Ratio Lower Upper
278 100
139 33.9 20.4 30.6#
279 52.2 25.0 37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.078 ng
RT: 27.081 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN029469.D
Acq: 01 Feb 2024 03:47

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023



Tgt Ion:276 Resp: 2300
Ion Ratio Lower Upper
276 100
277 32.0 19.4 29.2
138 36.8 23.5 35.3

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

