

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029425.D
 Acq On : 30 Jan 2024 23:08
 Operator : MA/JU
 Sample : 04699-01
 Misc : LOD-MDL-SOIL-0.1NG
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Jan 31 02:34:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 03:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	3560	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	9444	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4356	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	8620	0.400	ng	0.00
29) Chrysene-d12	21.492	240	5958	0.400	ng	# 0.00
35) Perylene-d12	23.870	264	6501	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	2953	0.345	ng	0.00
5) Phenol-d6	7.067	99	3543	0.359	ng	0.00
8) Nitrobenzene-d5	9.067	82	2689	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	6931	0.539	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	456	0.326	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	6295	0.337	ng	-0.01
27) Fluoranthene-d10	19.322	212	12314	0.590	ng	0.00
31) Terphenyl-d14	19.931	244	4961	0.335	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	746	0.149	ng	91
3) n-Nitrosodimethylamine	3.723	42	327	0.080	ng	# 93
6) bis(2-Chloroethyl)ether	7.334	93	987	0.105	ng	92
9) Naphthalene	10.744	128	2607	0.097	ng	94
10) Hexachlorobutadiene	11.021	225	466	0.091	ng	# 97
12) 2-Methylnaphthalene	12.363	142	1510	0.096	ng	96
16) Acenaphthylene	14.254	152	2068	0.100	ng	99
17) Acenaphthene	14.597	154	1326	0.095	ng	98
18) Fluorene	15.592	166	1635	0.094	ng	97
20) 4,6-Dinitro-2-methylph...	15.679	198	73	0.058	ng	# 1
21) 4-Bromophenyl-phenylether	16.486	248	480	0.094	ng	93
22) Hexachlorobenzene	16.585	284	607	0.096	ng	98
23) Atrazine	16.771	200	338	0.093	ng	# 80
24) Pentachlorophenol	16.933	266	114	0.057	ng	92
25) Phenanthrene	17.330	178	2507	0.098	ng	99
26) Anthracene	17.429	178	2000	0.092	ng	99
28) Fluoranthene	19.355	202	2548	0.089	ng	99
30) Pyrene	19.717	202	2576	0.094	ng	98
32) Benzo(a)anthracene	21.474	228	1748	0.086	ng	96
33) Chrysene	21.528	228	2119	0.092	ng	96
34) Bis(2-ethylhexyl)phtha...	21.420	149	1485	0.107	ng	100
36) Indeno(1,2,3-cd)pyrene	26.341	276	2171m	0.083	ng	
37) Benzo(b)fluoranthene	23.148	252	1793	0.077	ng	# 67
38) Benzo(k)fluoranthene	23.201	252	1833	0.075	ng	# 48
39) Benzo(a)pyrene	23.765	252	1563m	0.077	ng	
40) Dibenzo(a,h)anthracene	26.373	278	1605m	0.077	ng	
41) Benzo(g,h,i)perylene	27.089	276	1905	0.075	ng	# 83

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

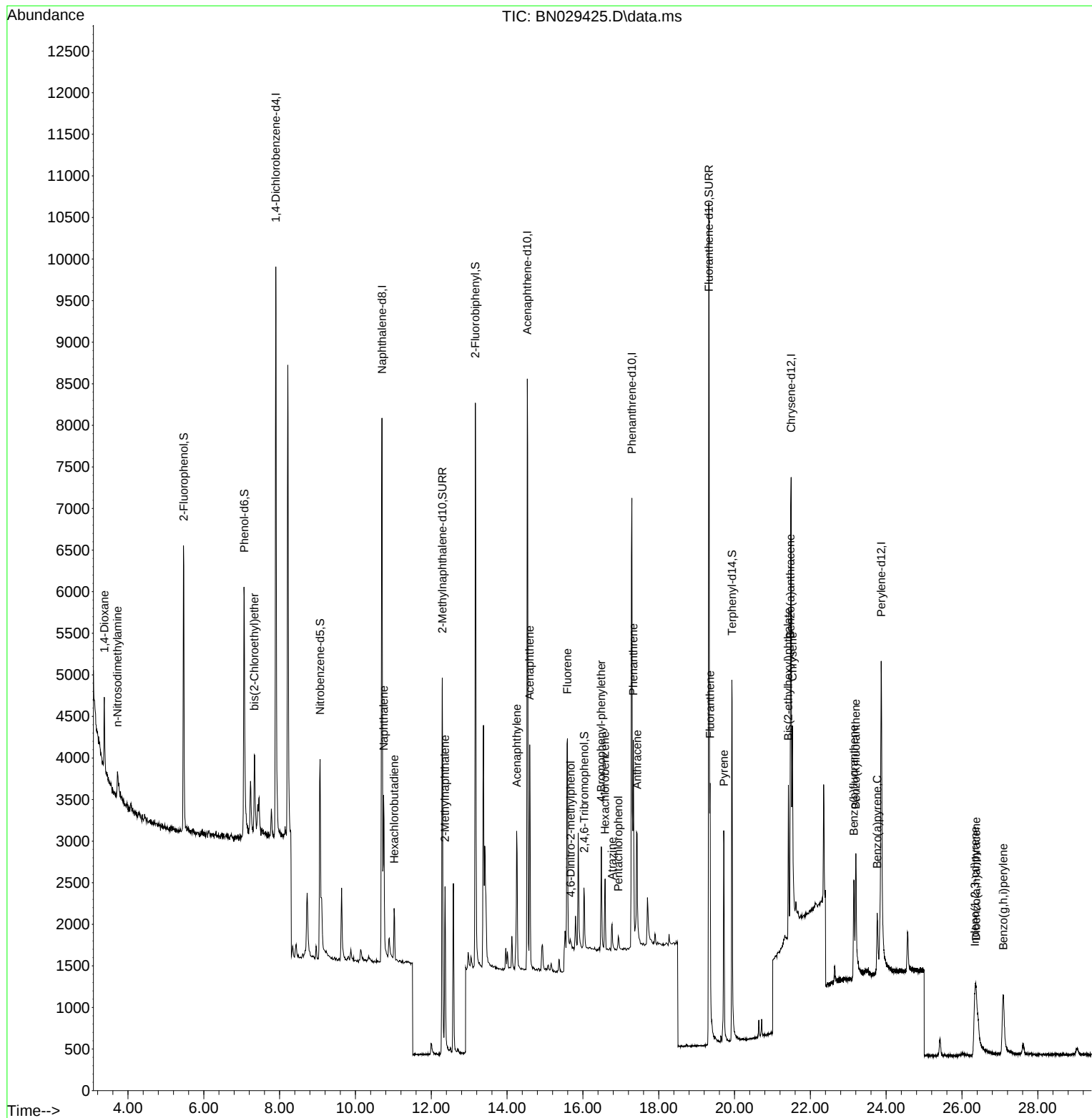
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 Data File : BN029425.D
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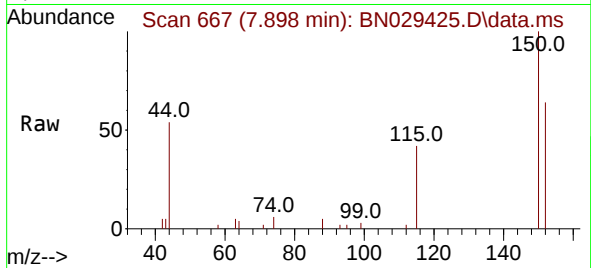
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.898 min Scan# 668
 Delta R.T. -0.007 min
 Lab File: BN029425.D
 Acq: 30 Jan 2024 23:08

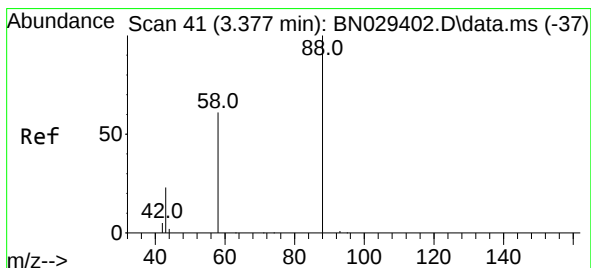
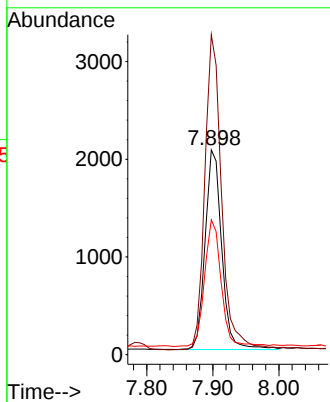
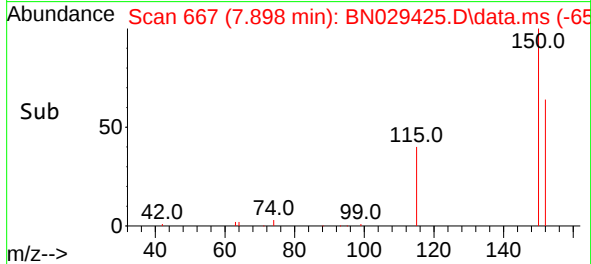
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023



Tgt Ion: 152 Resp: 3560
 Ion Ratio Lower Upper
 152 100
 150 156.3 123.0 184.4
 115 65.8 51.4 77.0

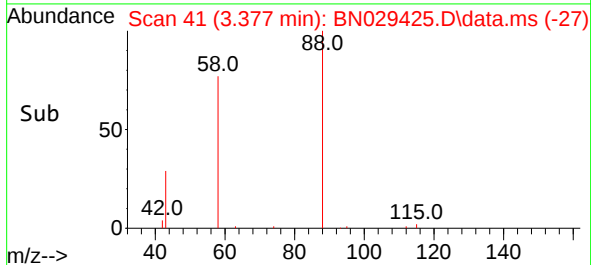
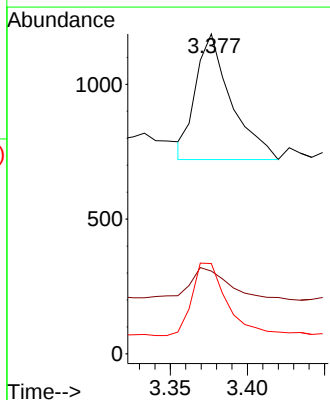
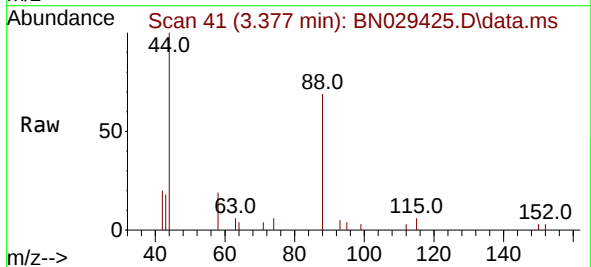
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#2
 1,4-Dioxane
 Concen: 0.149 ng
 RT: 3.377 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN029425.D
 Acq: 30 Jan 2024 23:08

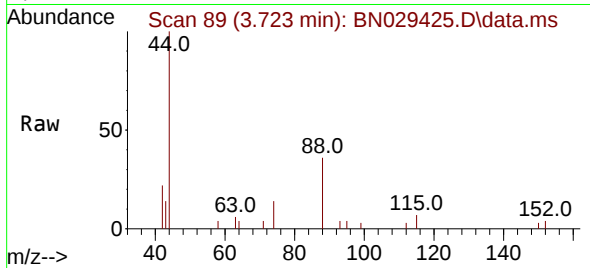
Tgt Ion: 88 Resp: 746
 Ion Ratio Lower Upper
 88 100
 43 28.2 23.3 34.9
 58 57.5 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.080 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.014 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

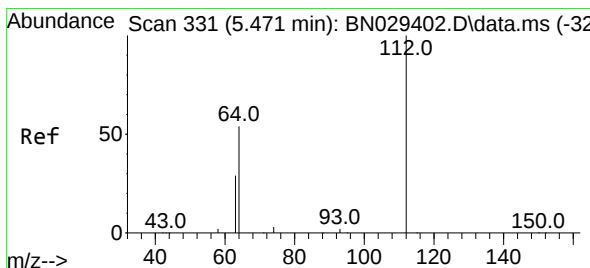
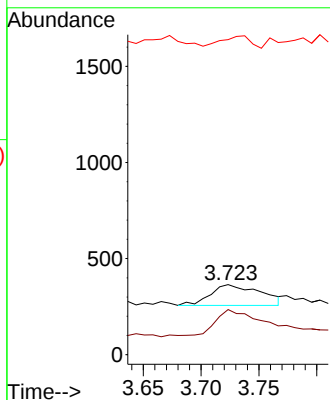
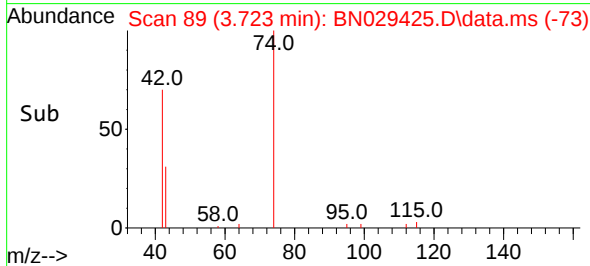
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



Tgt Ion: 42 Resp: 32
Ion Ratio Lower Upper
42 100
74 119.9 93.7 140.5
44 34.3 13.0 19.4

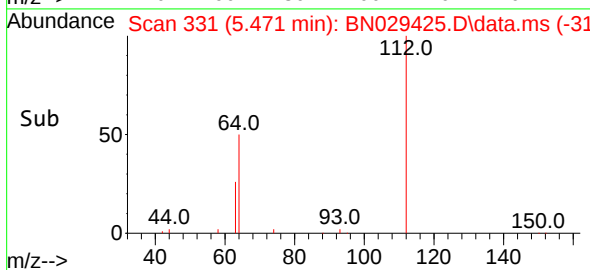
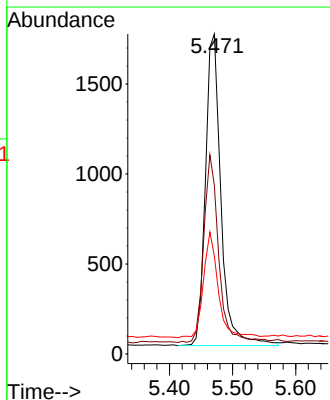
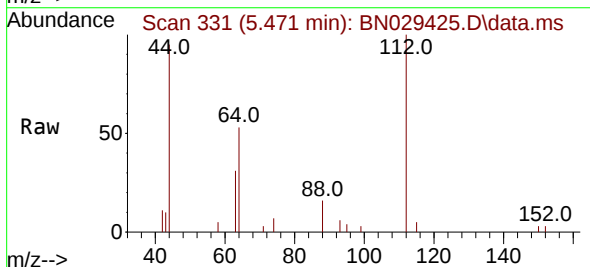
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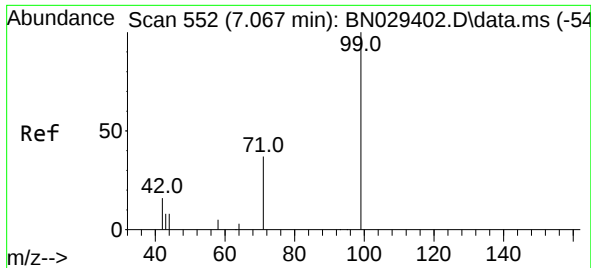
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.471 min Scan# 331
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

Tgt Ion:112 Resp: 2953
Ion Ratio Lower Upper
112 100
64 58.1 47.2 70.8
63 32.5 25.8 38.6





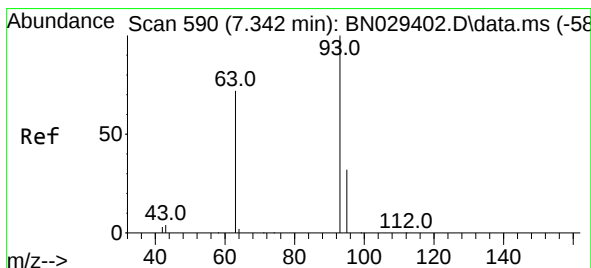
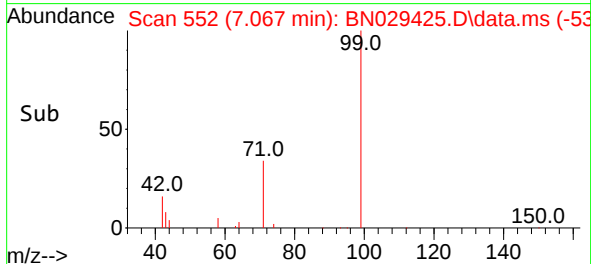
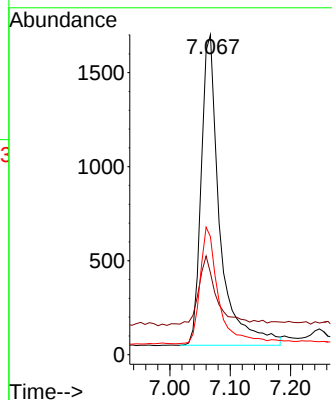
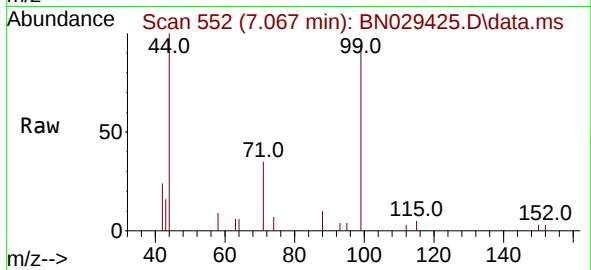
#5
Phenol-d6
Concen: 0.359 ng
RT: 7.067 min Scan# 552
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT4-2023

Tgt Ion: 99 Resp: 354
Ion Ratio Lower Upper
99 100
42 22.2 16.9 25.3
71 36.9 30.0 45.0

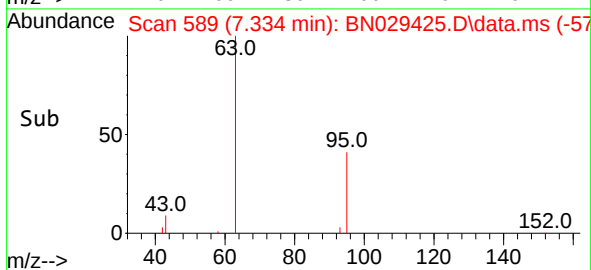
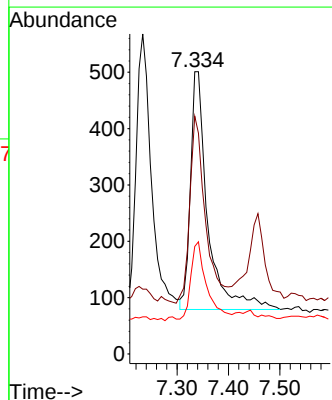
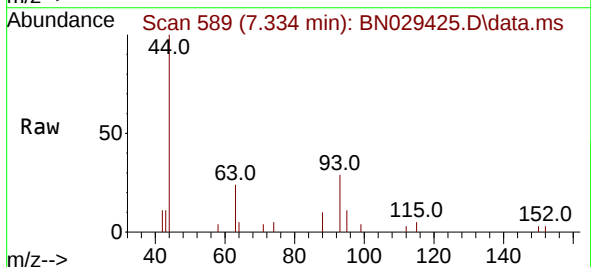
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#6
bis(2-Chloroethyl)ether
Concen: 0.105 ng
RT: 7.334 min Scan# 589
Delta R.T. -0.007 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

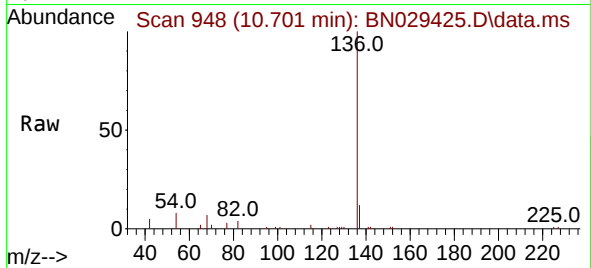
Tgt Ion: 93 Resp: 987
Ion Ratio Lower Upper
93 100
63 71.4 63.1 94.7
95 29.7 27.1 40.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

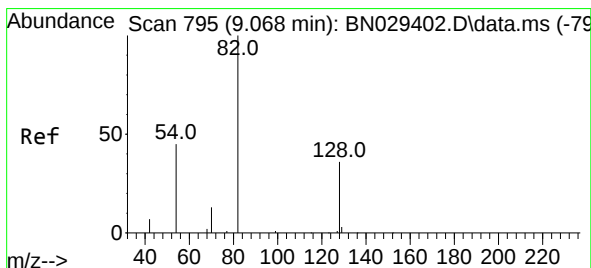
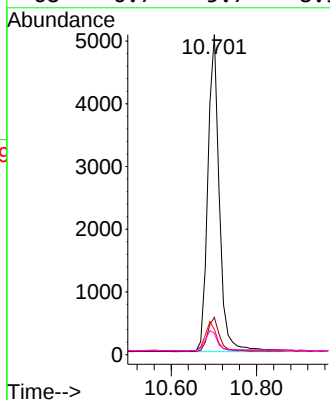
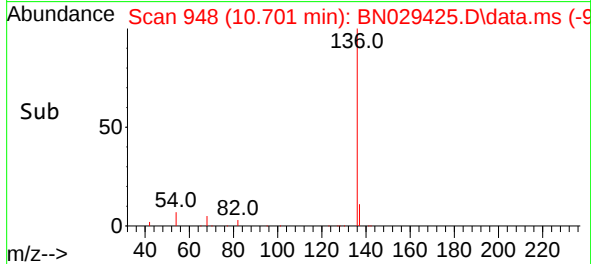
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT4-2023



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	7.9	6.6	10.0
68	6.7	5.7	8.5

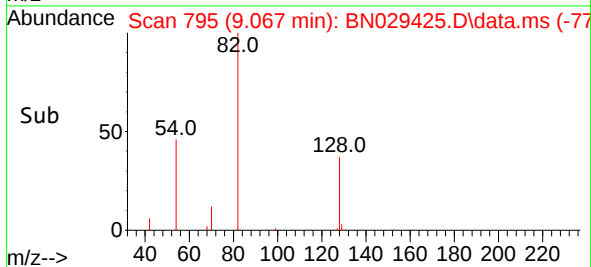
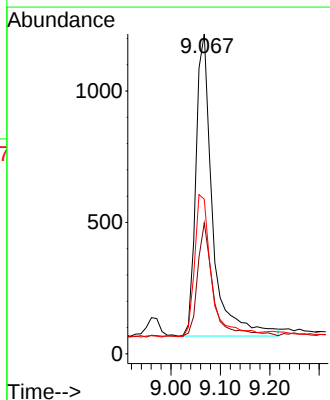
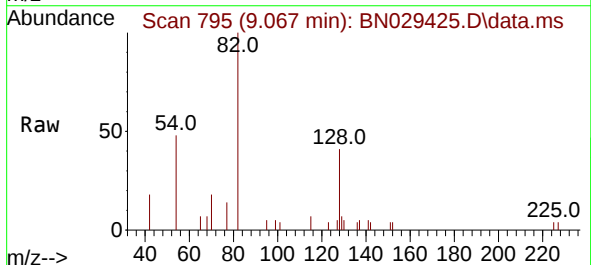
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#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.6	47.4
54	48.3	38.2	57.4





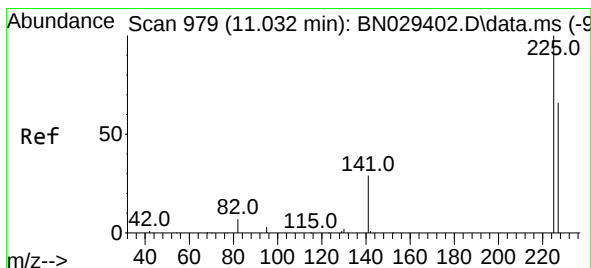
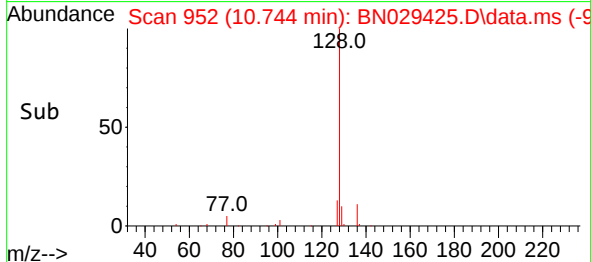
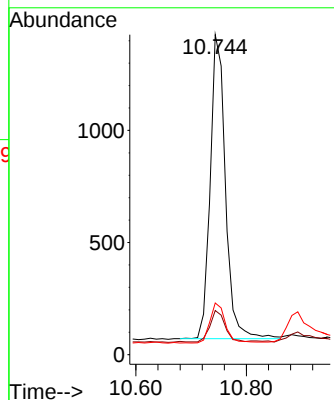
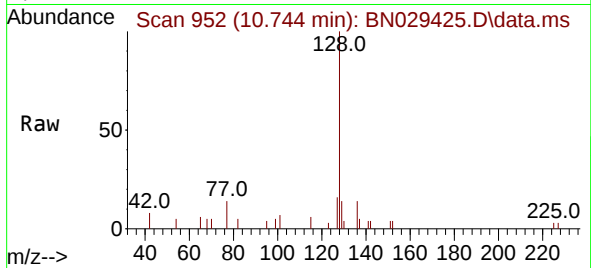
#9
Naphthalene
Concen: 0.097 ng
RT: 10.744 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

Tgt Ion:128 Resp: 260
Ion Ratio Lower Upper
128 100
129 13.8 9.5 14.3
127 16.1 10.8 16.2

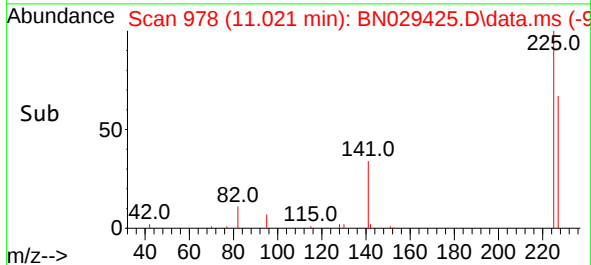
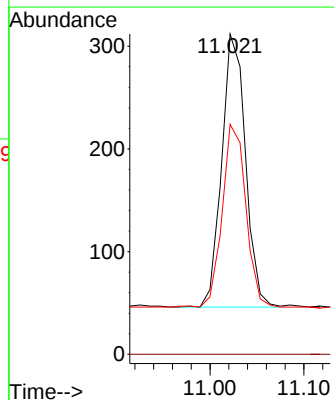
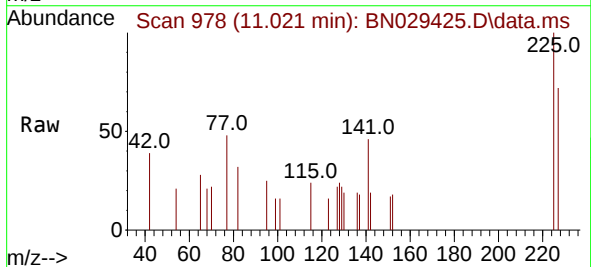
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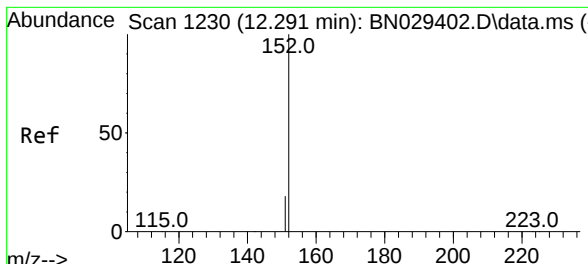
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#10
Hexachlorobutadiene
Concen: 0.091 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

Tgt Ion:225 Resp: 466
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 66.5 51.1 76.7





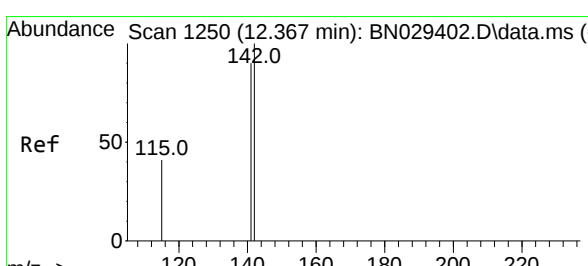
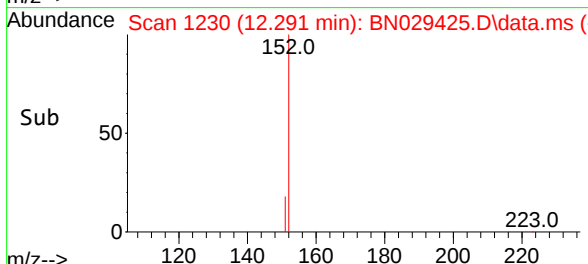
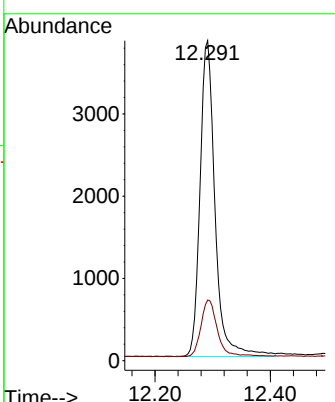
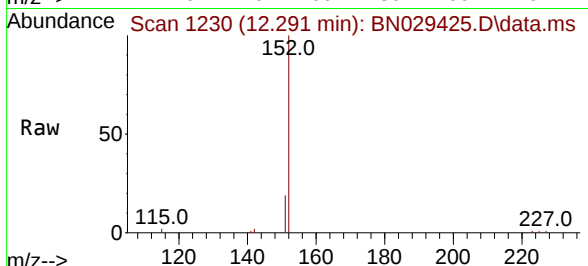
#11
 2-Methylnaphthalene-d10
 Concen: 0.539 ng
 RT: 12.291 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN029425.D
 Acq: 30 Jan 2024 23:08

Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2023

Tgt Ion:152 Resp: 693

Ion	Ratio	Lower	Upper
152	100		
151	19.2	17.1	25.7

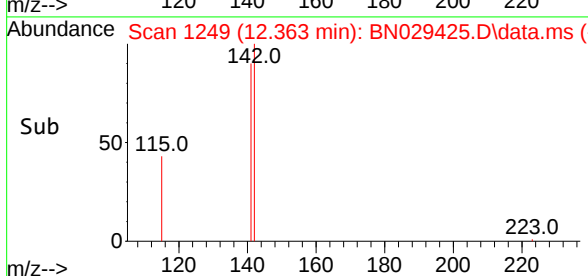
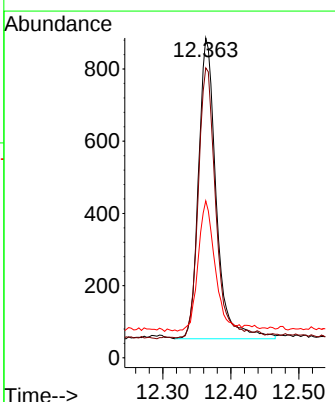
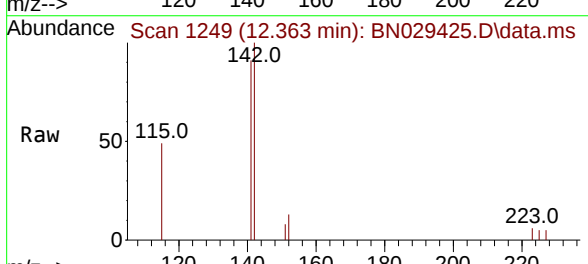
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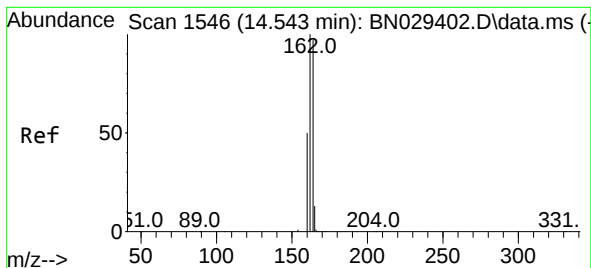


#12
 2-Methylnaphthalene
 Concen: 0.096 ng
 RT: 12.363 min Scan# 1249
 Delta R.T. -0.004 min
 Lab File: BN029425.D
 Acq: 30 Jan 2024 23:08

Tgt Ion:142 Resp: 1510

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	49.1	33.9	50.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.532 min Scan# 1545

Delta R.T. -0.011 min

Lab File: BN029425.D

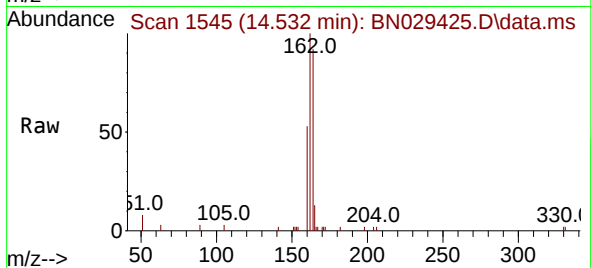
Acq: 30 Jan 2024 23:08

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:164 Resp: 435

Ion Ratio Lower Upper

164 100

162 108.6 82.6 123.8

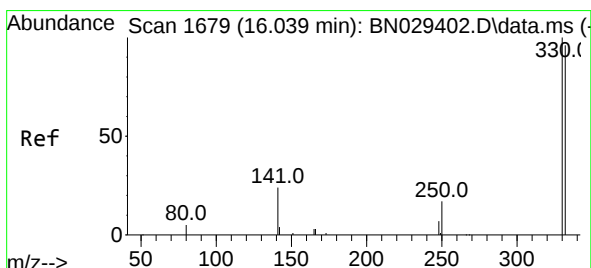
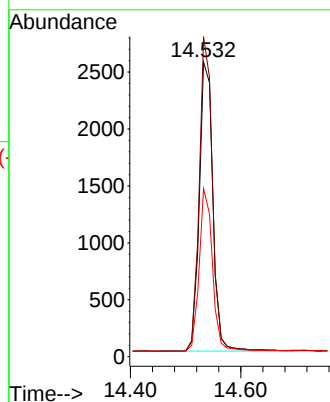
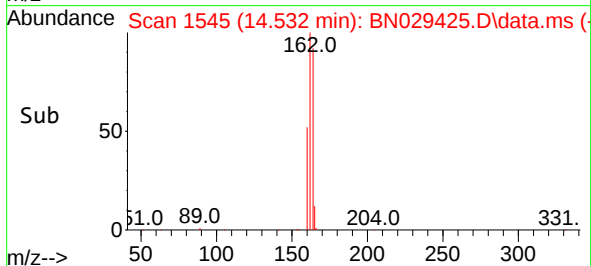
160 57.0 41.5 62.3

Manual Integrations

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Supervised By :Sohil Jodhani 02/02/2024



#14

2,4,6-Tribromophenol

Concen: 0.326 ng

RT: 16.039 min Scan# 1679

Delta R.T. -0.000 min

Lab File: BN029425.D

Acq: 30 Jan 2024 23:08

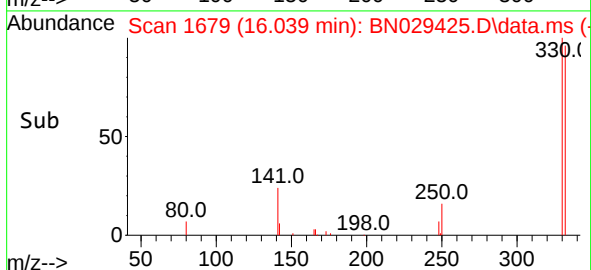
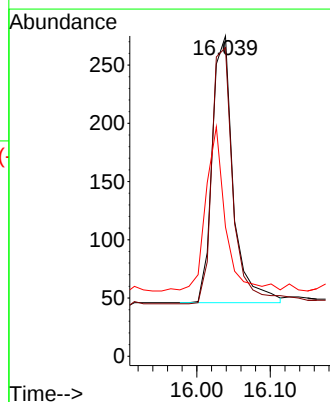
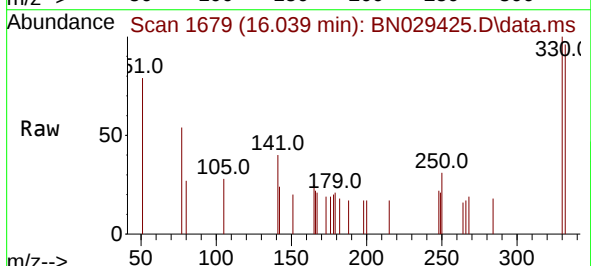
Tgt Ion:330 Resp: 456

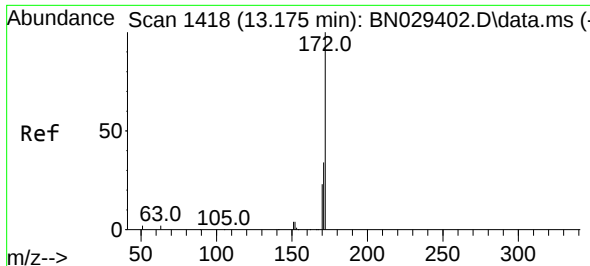
Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

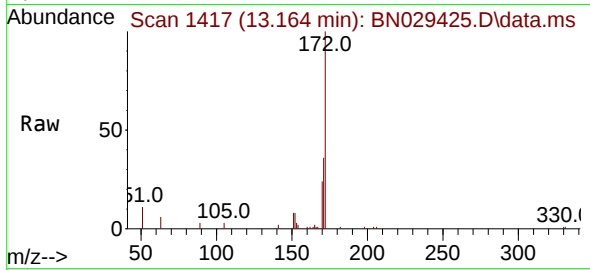
141 57.5 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.164 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

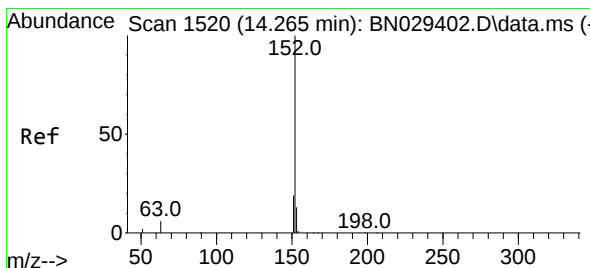
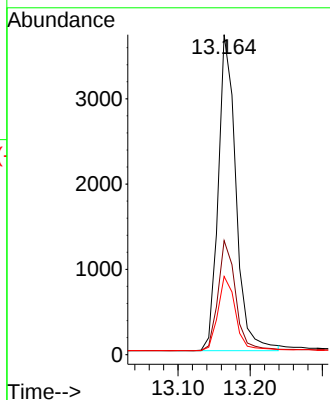
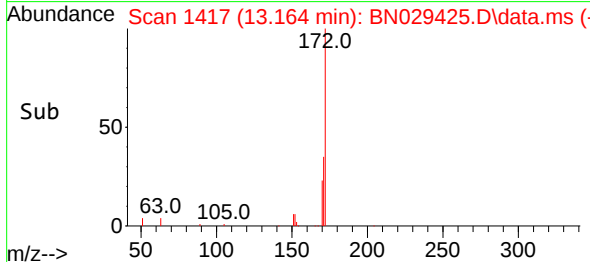
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:172 Resp: 6295
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.5 18.7 28.1

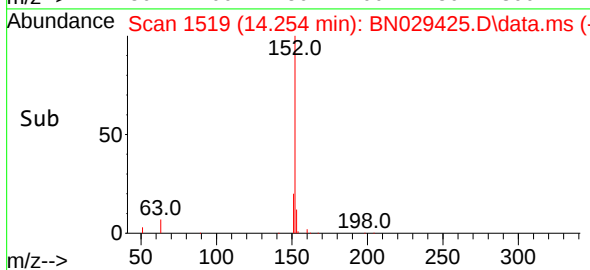
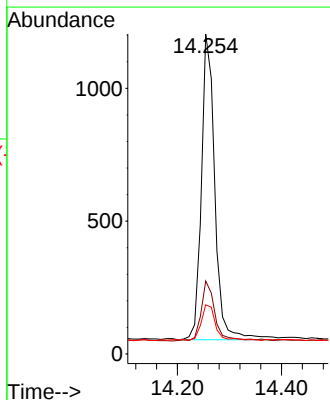
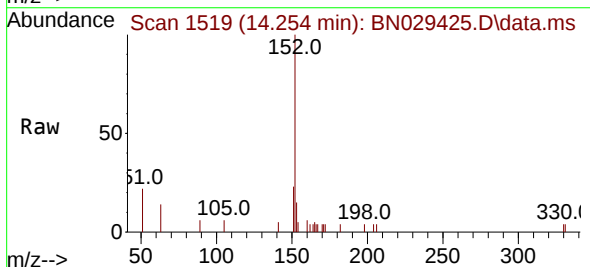
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.011 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

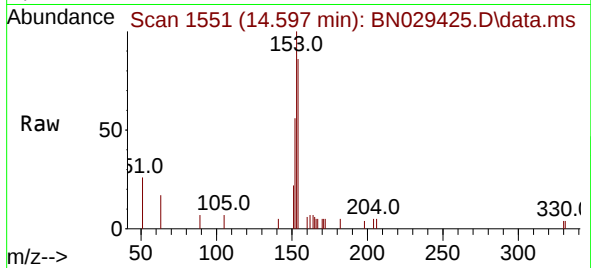
Tgt Ion:152 Resp: 2068
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 12.8 10.5 15.7





#17
Acenaphthene
Concen: 0.095 ng
RT: 14.597 min Scan# 1551
Delta R.T. -0.011 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

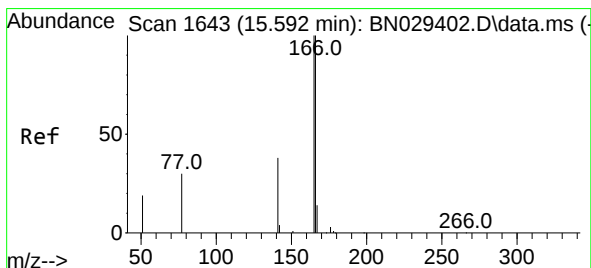
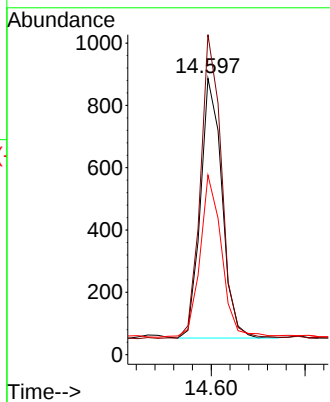
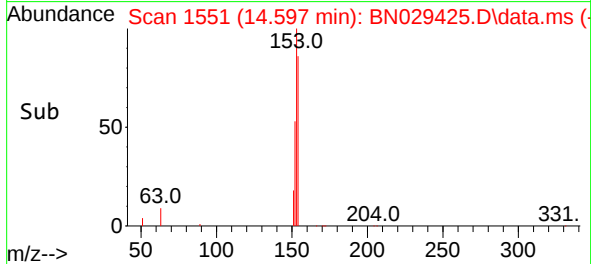
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:154 Resp: 1320
Ion Ratio Lower Upper
154 100
153 114.8 93.6 140.4
152 62.6 48.6 73.0

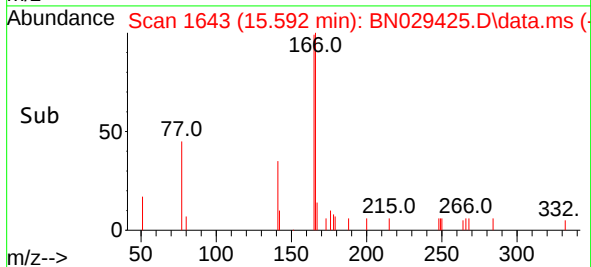
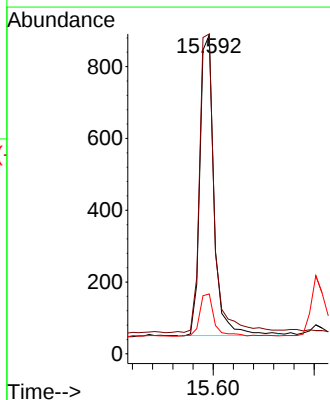
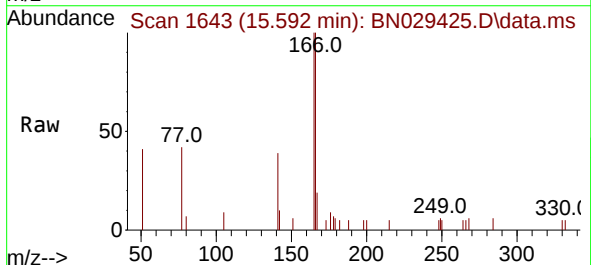
Manual Integrations
APPROVED

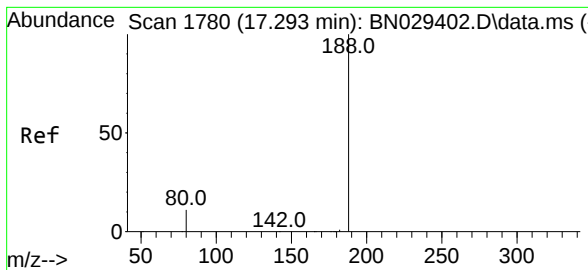
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#18
Fluorene
Concen: 0.094 ng
RT: 15.592 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

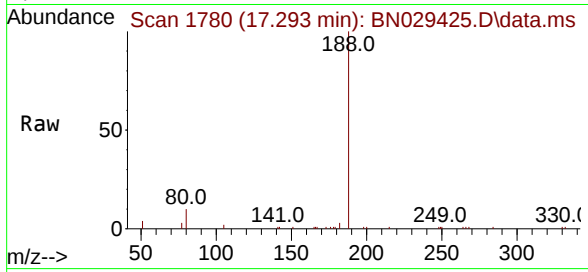
Tgt Ion:166 Resp: 1635
Ion Ratio Lower Upper
166 100
165 102.8 79.9 119.9
167 14.7 11.3 16.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

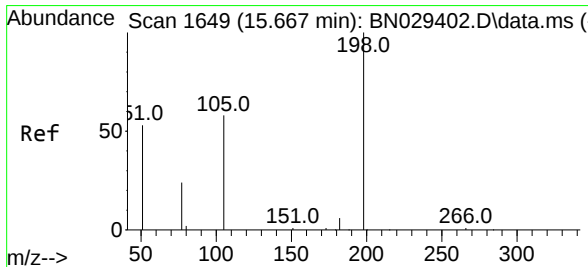
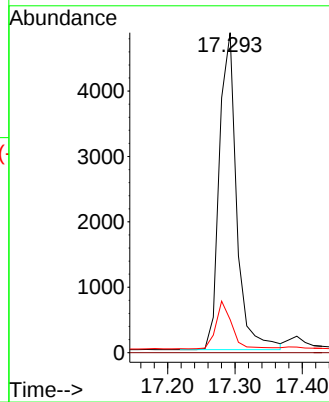
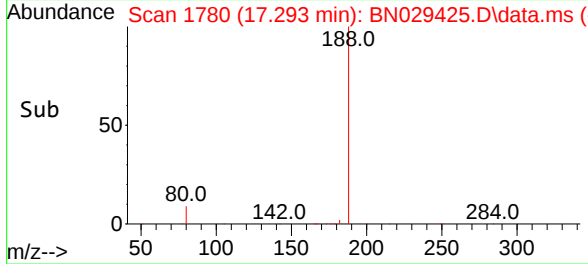
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:188 Resp: 8620
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 10.0 15.0

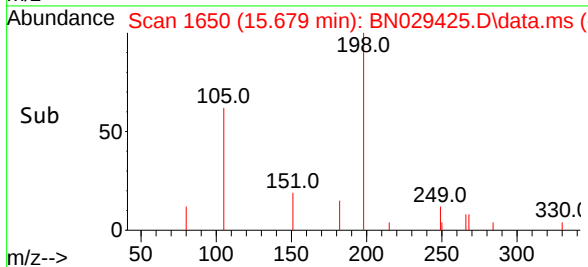
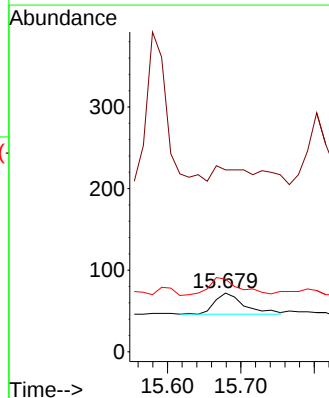
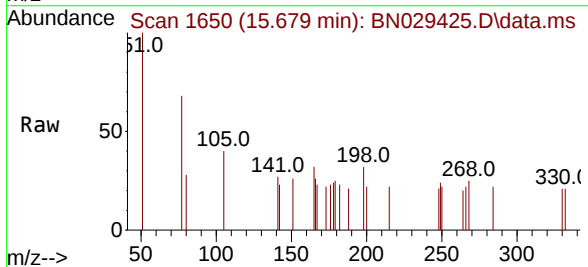
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.058 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.012 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

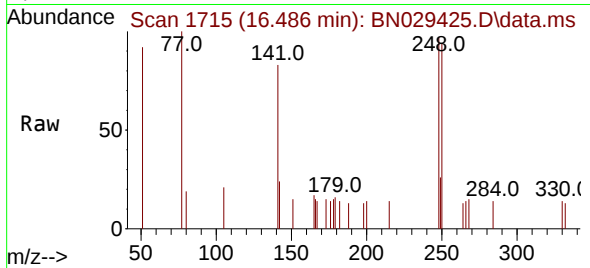
Tgt Ion:198 Resp: 73
Ion Ratio Lower Upper
198 100
51 309.7 111.0 166.6#
105 123.6 67.0 100.6#





#21
4-Bromophenyl-phenylether
Concen: 0.094 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

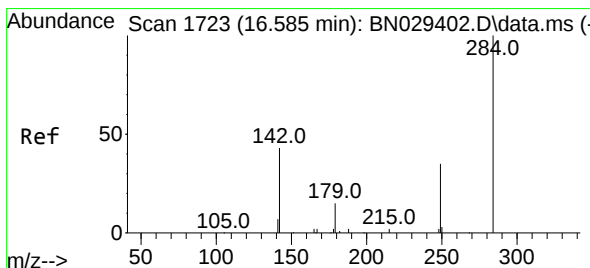
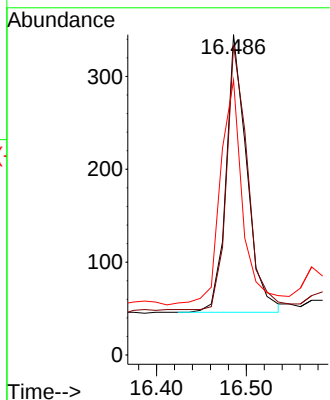
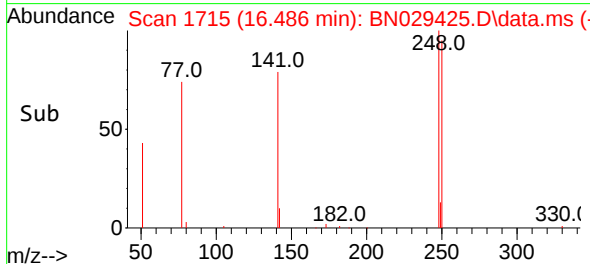
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



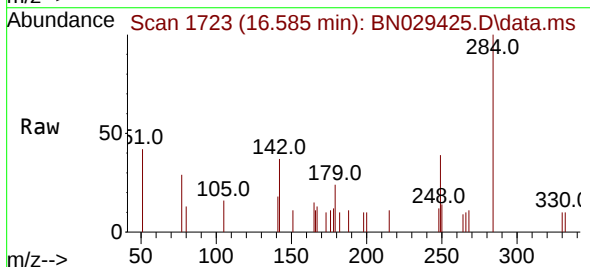
Tgt Ion:248 Resp: 480
Ion Ratio Lower Upper
248 100
250 96.8 75.0 112.4
141 85.8 77.0 115.6

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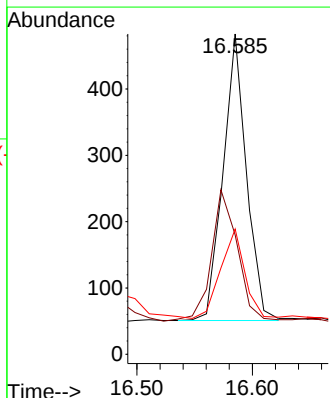
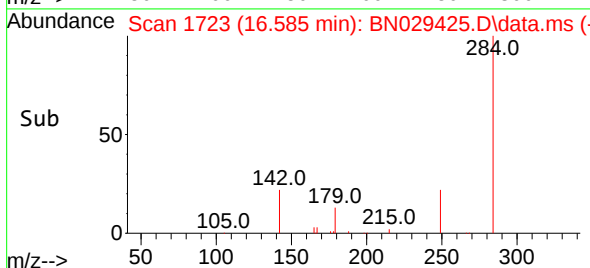
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

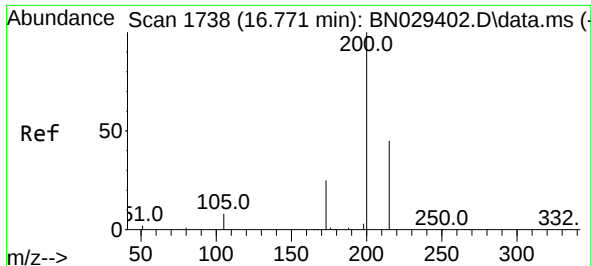


#22
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08



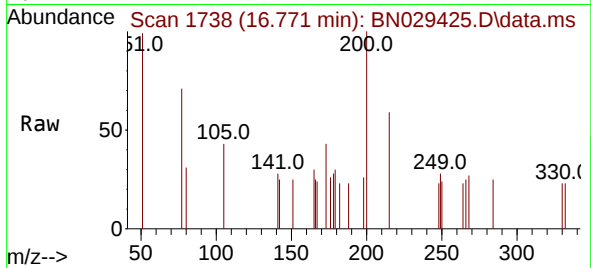
Tgt Ion:284 Resp: 607
Ion Ratio Lower Upper
284 100
142 51.1 39.4 59.2
249 32.5 26.9 40.3





#23
Atrazine
Concen: 0.093 ng
RT: 16.771 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

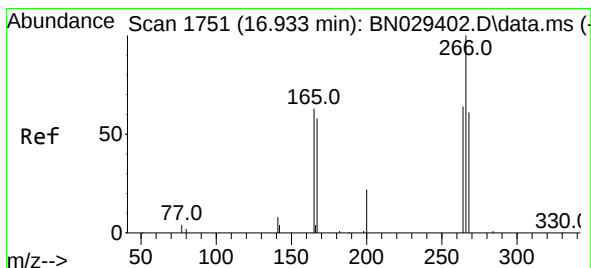
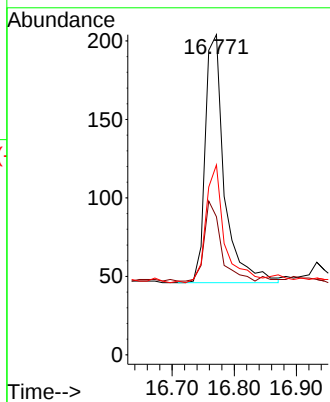
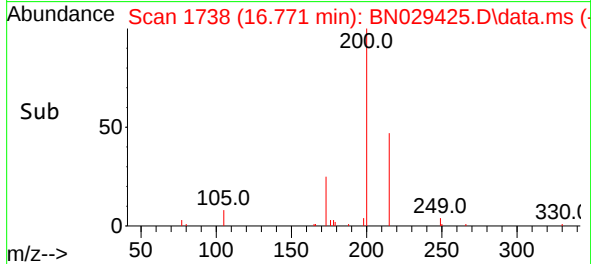
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT4-2023



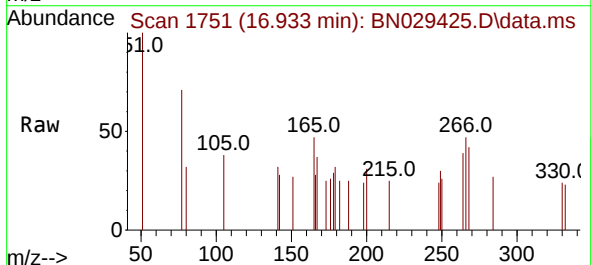
Tgt Ion:200 Resp: 338
Ion Ratio Lower Upper
200 100
173 43.1 23.4 35.0
215 59.3 38.4 57.6

Manual Integrations
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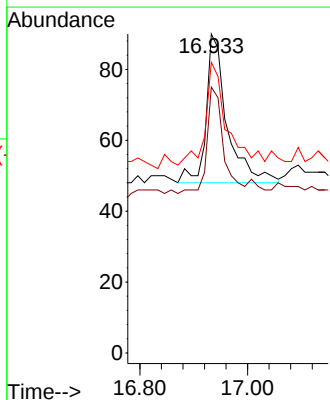
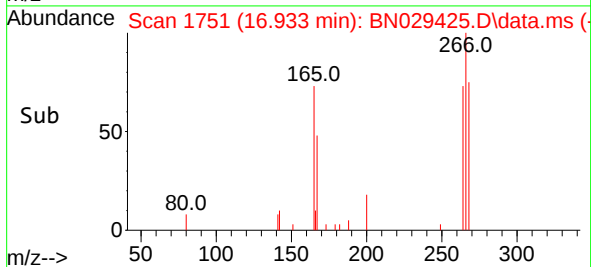
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

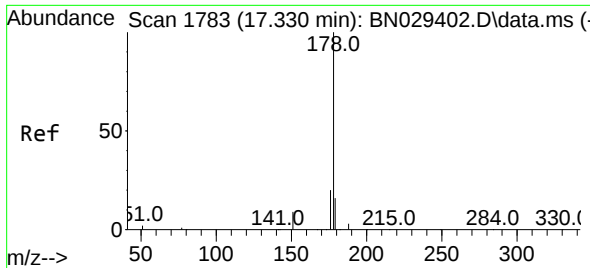


#24
Pentachlorophenol
Concen: 0.057 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08



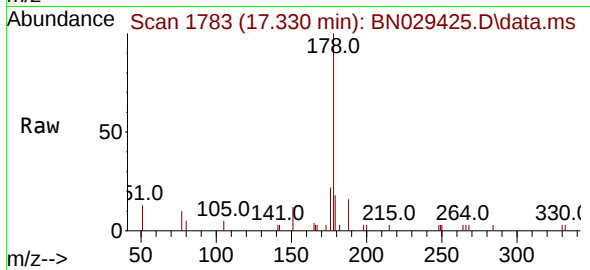
Tgt Ion:266 Resp: 114
Ion Ratio Lower Upper
266 100
264 55.3 50.8 76.2
268 69.3 51.5 77.3





#25
Phenanthrene
Concen: 0.098 ng
RT: 17.330 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

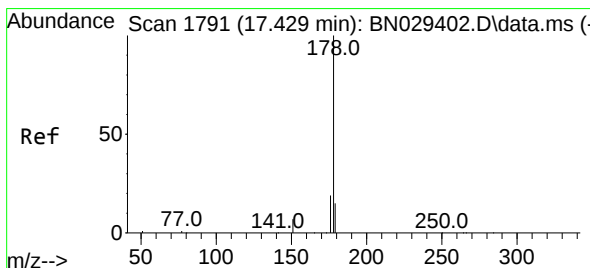
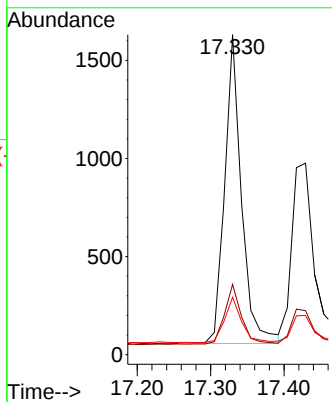
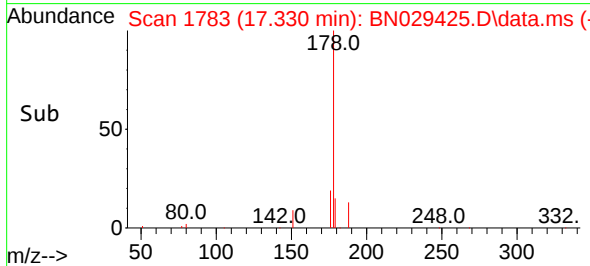
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:178 Resp: 2500
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 14.8 12.6 19.0

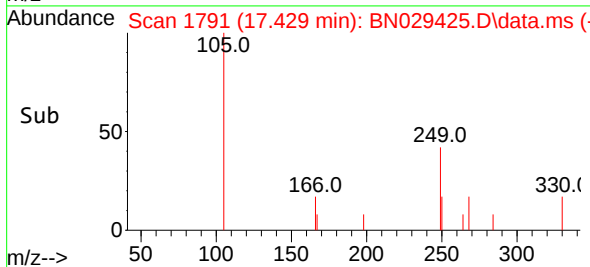
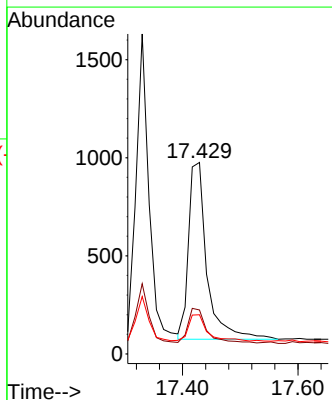
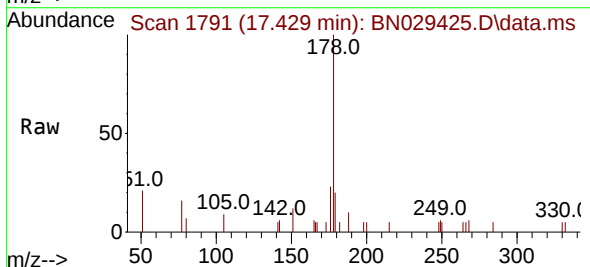
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#26
Anthracene
Concen: 0.092 ng
RT: 17.429 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

Tgt Ion:178 Resp: 2000
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 15.4 12.3 18.5





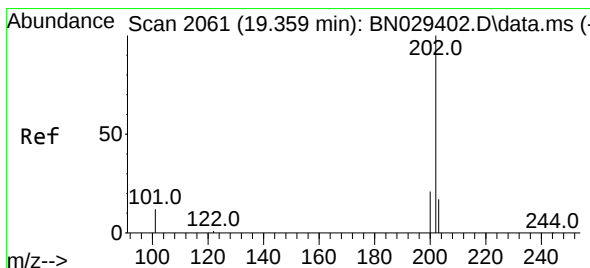
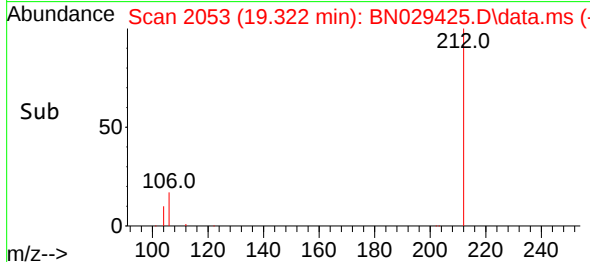
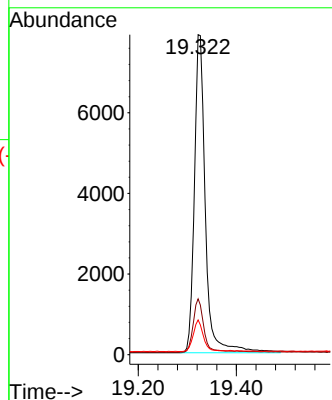
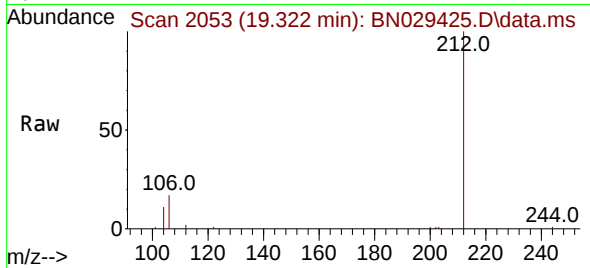
#27
Fluoranthene-d10
Concen: 0.590 ng
RT: 19.322 min Scan# 2053
Delta R.T. -0.009 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

Tgt Ion:212 Resp: 12314
Ion Ratio Lower Upper
212 100
106 16.0 13.2 19.8
104 9.2 7.7 11.5

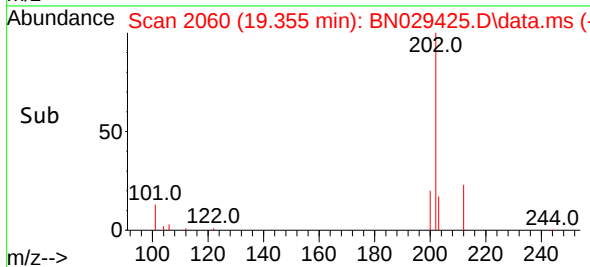
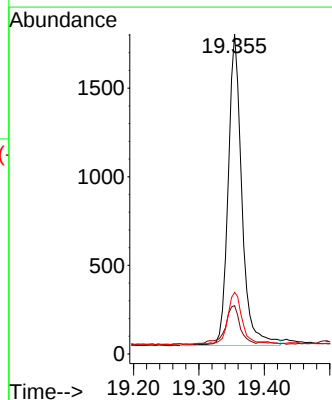
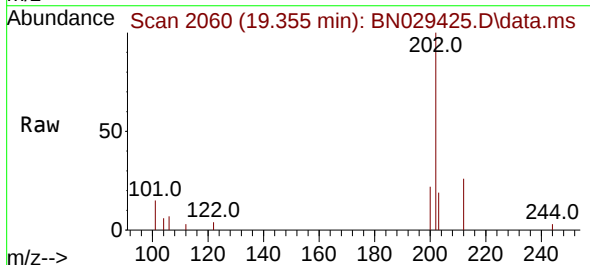
Manual Integrations
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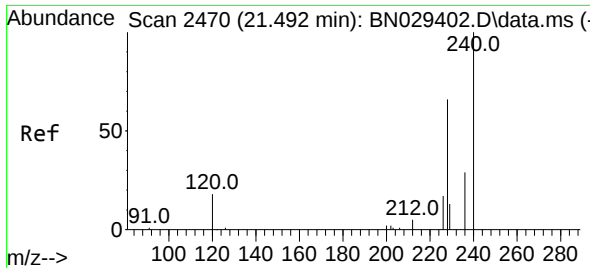
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#28
Fluoranthene
Concen: 0.089 ng
RT: 19.355 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

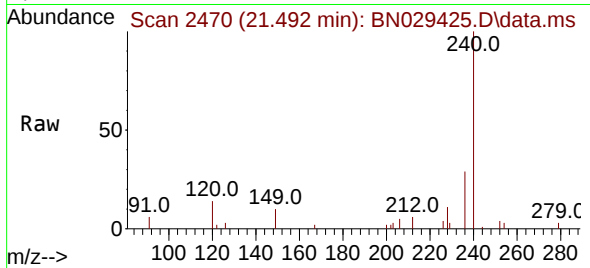
Tgt Ion:202 Resp: 2548
Ion Ratio Lower Upper
202 100
101 14.1 10.5 15.7
203 17.0 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.492 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

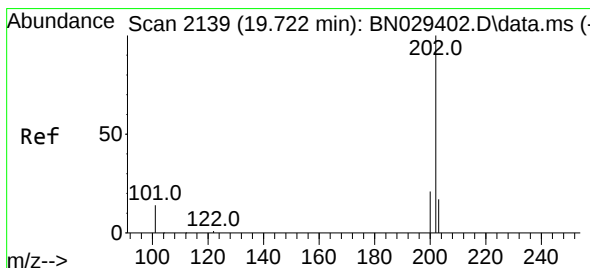
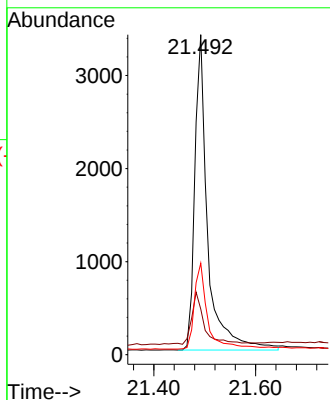
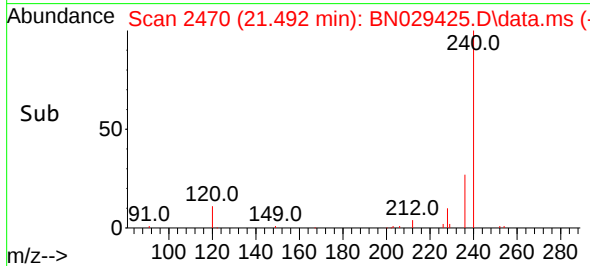
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:240 Resp: 5958
Ion Ratio Lower Upper
240 100
120 14.3 16.7 25.1
236 28.6 23.9 35.9

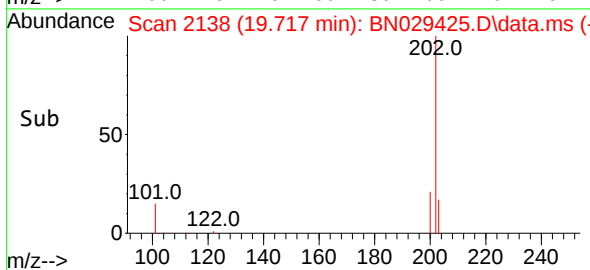
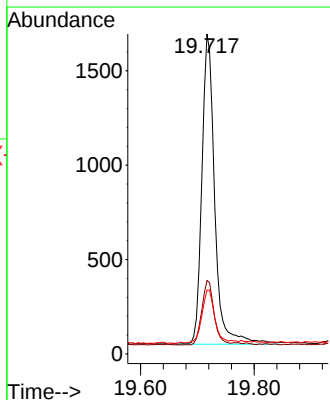
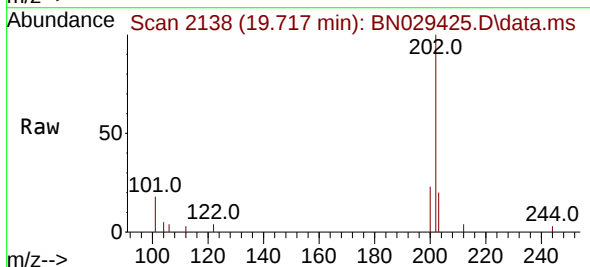
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#30
Pyrene
Concen: 0.094 ng
RT: 19.717 min Scan# 2138
Delta R.T. -0.005 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

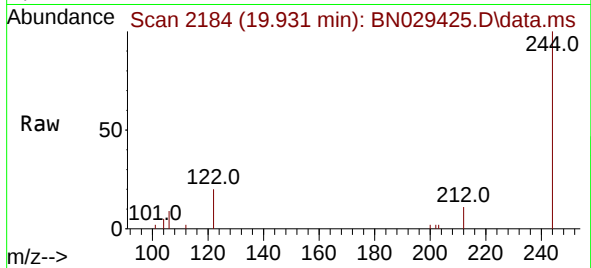
Tgt Ion:202 Resp: 2576
Ion Ratio Lower Upper
202 100
200 19.7 16.6 25.0
203 16.9 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.335 ng
 RT: 19.931 min Scan# 2185
 Delta R.T. -0.005 min
 Lab File: BN029425.D
 Acq: 30 Jan 2024 23:08

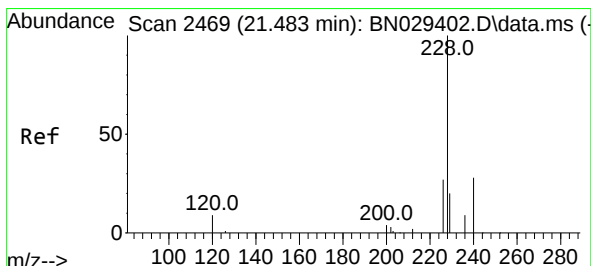
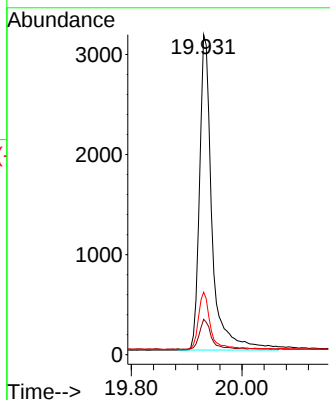
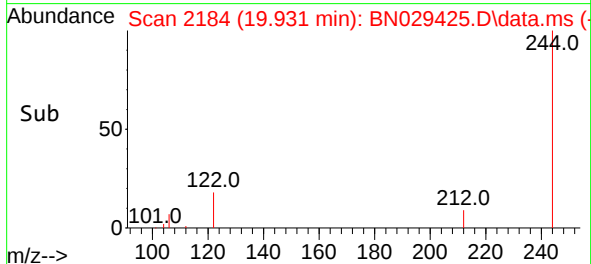
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:244 Resp: 496
 Ion Ratio Lower Upper
 244 100
 212 11.1 8.2 12.4
 122 19.6 15.6 23.4

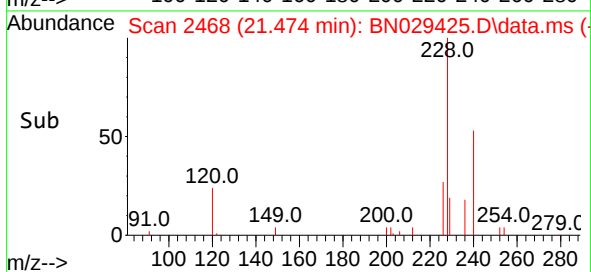
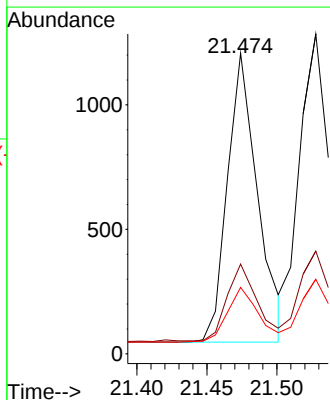
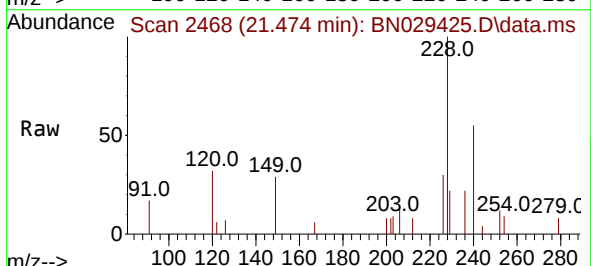
Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024



#32
 Benzo(a)anthracene
 Concen: 0.086 ng
 RT: 21.474 min Scan# 2468
 Delta R.T. -0.009 min
 Lab File: BN029425.D
 Acq: 30 Jan 2024 23:08

Tgt Ion:228 Resp: 1748
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.2 33.4
 229 22.1 16.5 24.7





#33

Chrysene

Concen: 0.092 ng

RT: 21.528 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN029425.D

Acq: 30 Jan 2024 23:08

Instrument :

BNA_N

ClientSampleId :

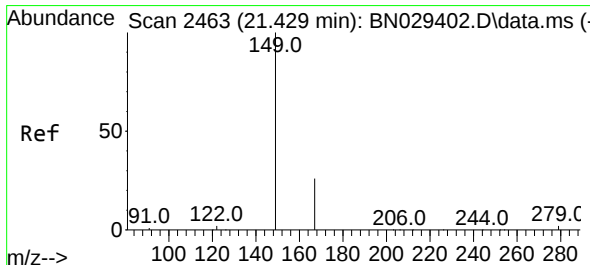
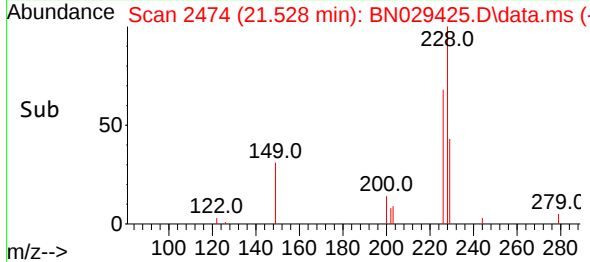
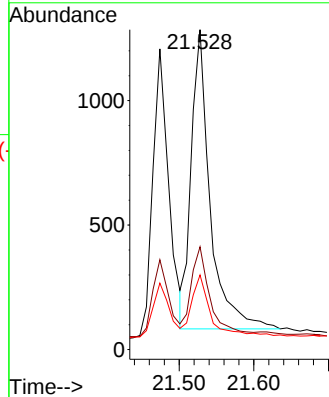
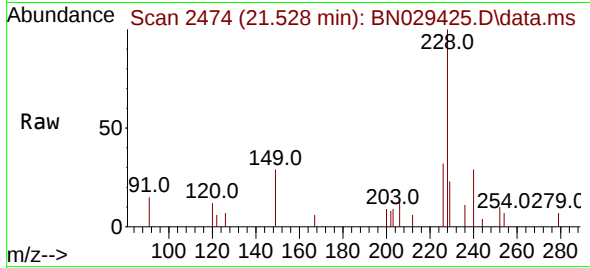
LOD-MDL-SOIL-01-QT4-2023

Tgt Ion:228	Resp:	2119
Ion Ratio	Lower	Upper
228	100	
226	32.1	24.9 37.3
229	23.3	15.9 23.9

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Supervised By :Sohil Jodhani 02/02/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.107 ng

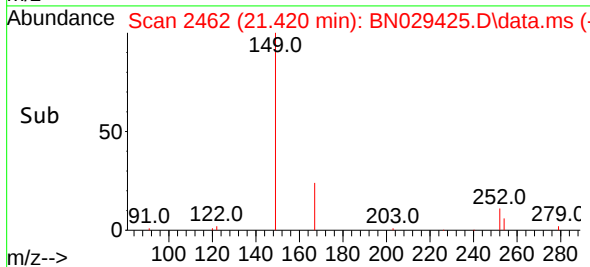
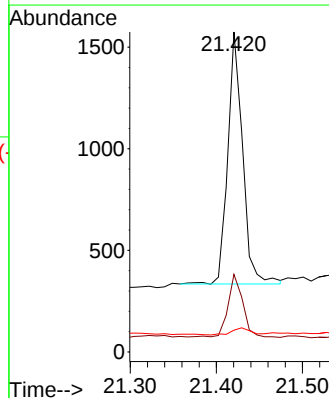
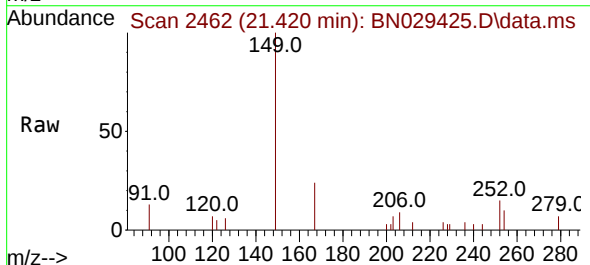
RT: 21.420 min Scan# 2462

Delta R.T. -0.009 min

Lab File: BN029425.D

Acq: 30 Jan 2024 23:08

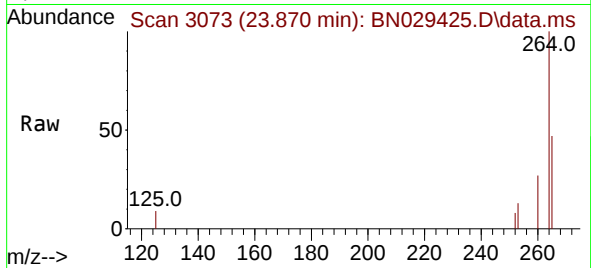
Tgt Ion:149	Resp:	1485
Ion Ratio	Lower	Upper
149	100	
167	25.1	20.1 30.1
279	3.6	2.5 3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.870 min Scan# 3078
 Delta R.T. -0.015 min
 Lab File: BN029425.D
 Acq: 30 Jan 2024 23:08

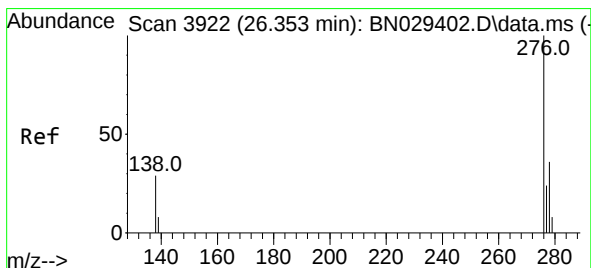
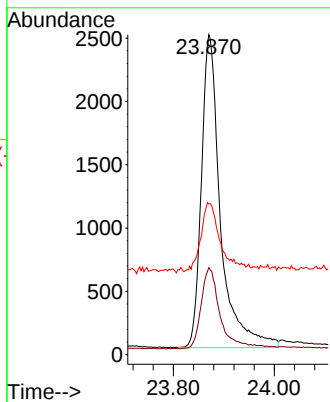
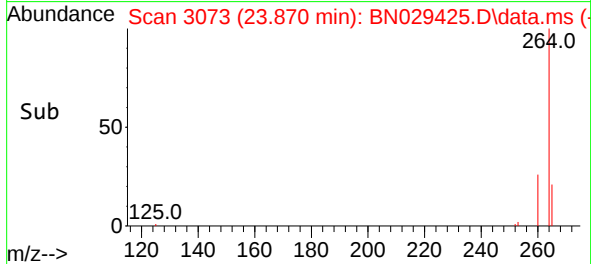
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:264 Resp: 650
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.2 31.8
 265 47.1 41.5 62.3

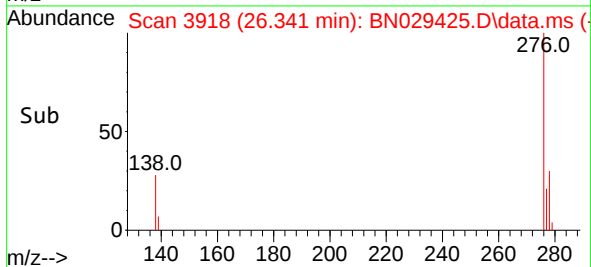
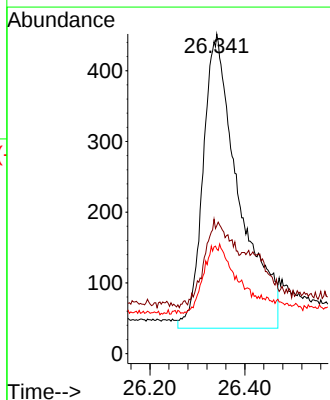
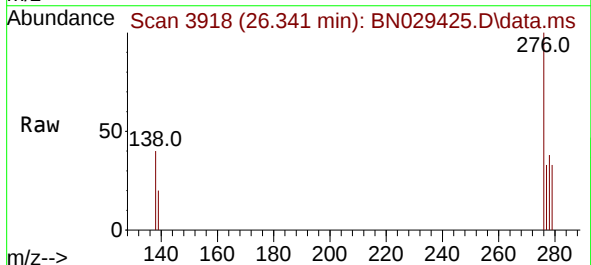
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 Supervised By :Sohil Jodhani 02/02/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.083 ng m
 RT: 26.341 min Scan# 3918
 Delta R.T. -0.012 min
 Lab File: BN029425.D
 Acq: 30 Jan 2024 23:08

Tgt Ion:276 Resp: 2171
 Ion Ratio Lower Upper
 276 100
 138 9.2 20.5 30.7#
 277 9.5 17.0 25.4#





#37

Benzo(b)fluoranthene

Concen: 0.077 ng

RT: 23.148 min Scan# 2826

Delta R.T. -0.009 min

Lab File: BN029425.D

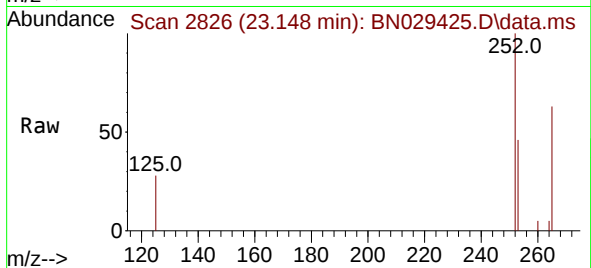
Acq: 30 Jan 2024 23:08

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023



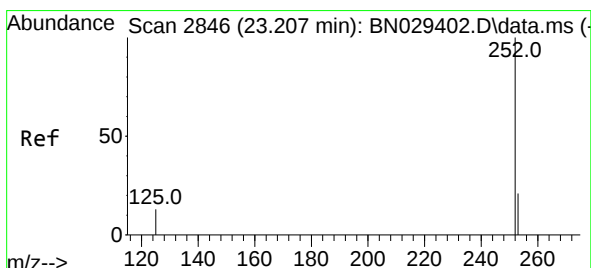
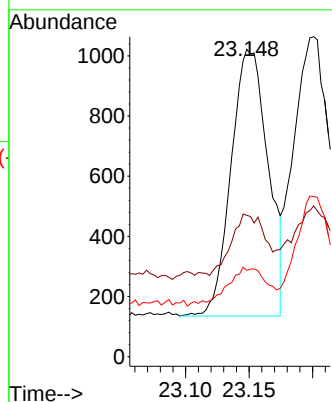
Tgt Ion:	252	Resp:	1793
Ion Ratio	Lower	Upper	
252	100		
253	46.0	21.7	32.5
125	28.2	13.3	19.9

Manual Integrations

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Supervised By :Sohil Jodhani 02/02/2024



#38

Benzo(k)fluoranthene

Concen: 0.075 ng

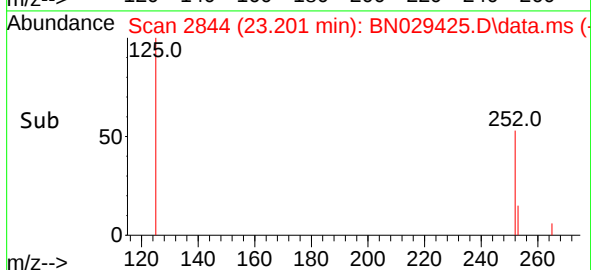
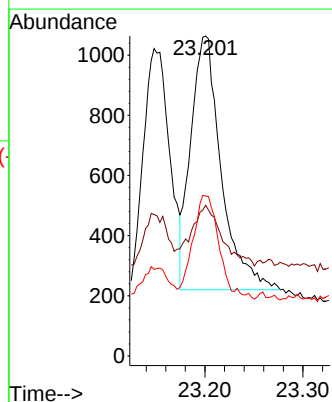
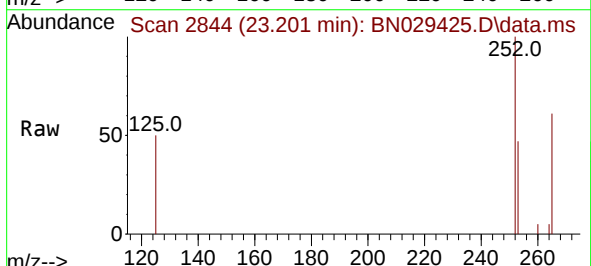
RT: 23.201 min Scan# 2844

Delta R.T. -0.006 min

Lab File: BN029425.D

Acq: 30 Jan 2024 23:08

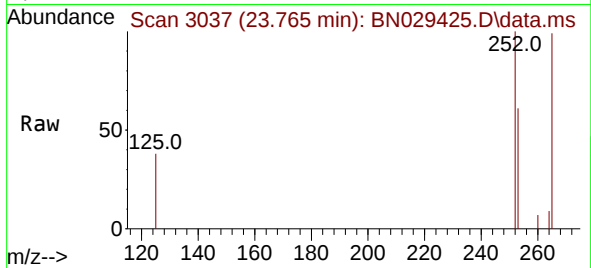
Tgt Ion:	252	Resp:	1833
Ion Ratio	Lower	Upper	
252	100		
253	47.1	21.8	32.8
125	50.0	13.9	20.9





#39
Benzo(a)pyrene
Concen: 0.077 ng m
RT: 23.765 min Scan# 3041
Delta R.T. -0.012 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

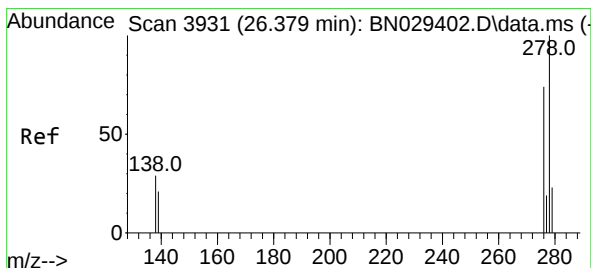
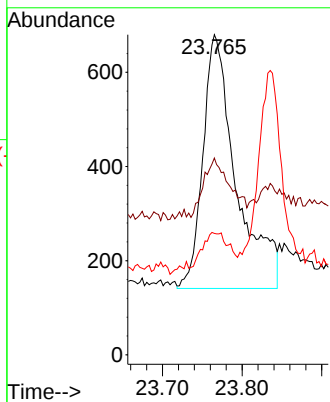
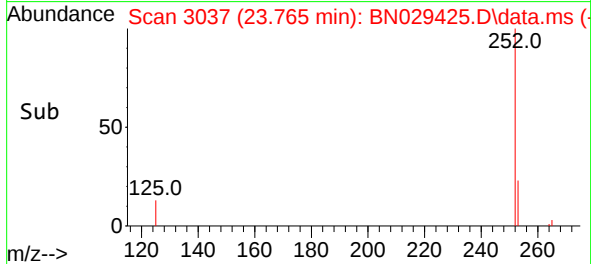
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:252 Resp: 156
Ion Ratio Lower Upper
252 100
253 61.5 24.9 37.3#
125 37.9 16.6 25.0#

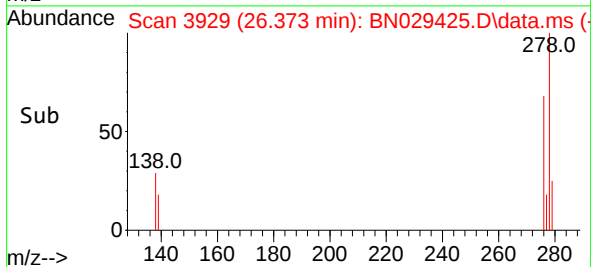
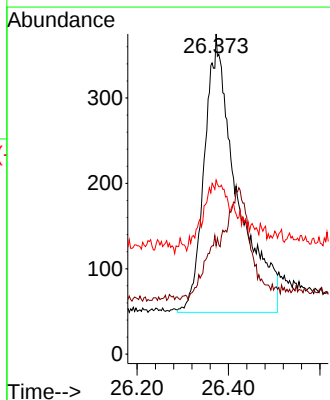
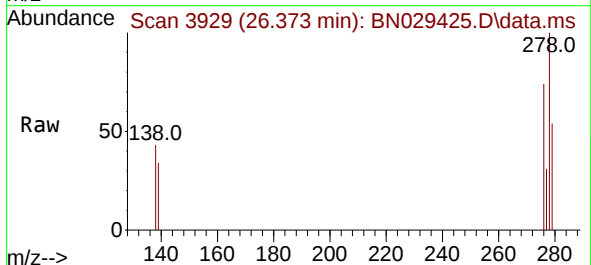
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#40
Dibenzo(a,h)anthracene
Concen: 0.077 ng m
RT: 26.373 min Scan# 3929
Delta R.T. -0.006 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

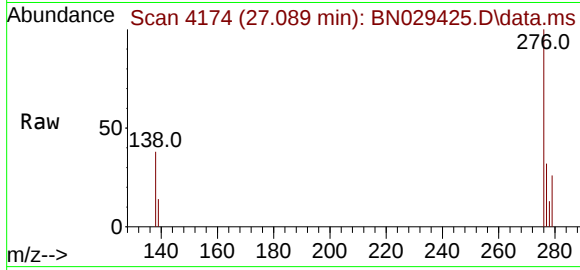
Tgt Ion:278 Resp: 1605
Ion Ratio Lower Upper
278 100
139 33.9 20.4 30.6#
279 54.4 25.0 37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.075 ng
RT: 27.089 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN029425.D
Acq: 30 Jan 2024 23:08

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:	276	Resp:	190
Ion Ratio	Lower	Upper	
276	100		
277	32.4	19.4	29.2
138	38.4	23.5	35.3

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Supervised By :Sohil Jodhani 02/02/2024

