

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029415.D
 Acq On : 30 Jan 2024 15:22
 Operator : MA/JU
 Sample : 03572-02
 Misc : LOQ-MDL-SOIL-0.1NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 16:38:07 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	3304	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	8962	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4092	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	7944	0.400	ng	0.00
29) Chrysene-d12	21.492	240	5578	0.400	ng	# 0.00
35) Perylene-d12	23.876	264	5513	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	2734	0.344	ng	0.00
5) Phenol-d6	7.067	99	3328	0.363	ng	0.00
8) Nitrobenzene-d5	9.068	82	2565	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	6551	0.537	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	427	0.325	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	5880	0.335	ng	-0.01
27) Fluoranthene-d10	19.327	212	11371	0.591	ng	0.00
31) Terphenyl-d14	19.935	244	4615	0.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	607	0.130	ng	95
3) n-Nitrosodimethylamine	3.723	42	342	0.090	ng	# 84
6) bis(2-Chloroethyl)ether	7.342	93	802	0.092	ng	97
9) Naphthalene	10.744	128	2521	0.099	ng	# 93
10) Hexachlorobutadiene	11.021	225	448	0.093	ng	# 97
12) 2-Methylnaphthalene	12.363	142	1382	0.092	ng	96
16) Acenaphthylene	14.254	152	1935	0.100	ng	98
17) Acenaphthene	14.597	154	1232	0.094	ng	99
18) Fluorene	15.592	166	1545	0.094	ng	100
20) 4,6-Dinitro-2-methylph...	15.679	198	64	0.055	ng	# 1
21) 4-Bromophenyl-phenylether	16.486	248	455	0.096	ng	95
22) Hexachlorobenzene	16.585	284	572	0.099	ng	99
23) Atrazine	16.771	200	313	0.093	ng	# 80
24) Pentachlorophenol	16.945	266	94	0.051	ng	# 79
25) Phenanthrene	17.330	178	2300	0.098	ng	97
26) Anthracene	17.429	178	1752	0.087	ng	98
28) Fluoranthene	19.359	202	2392	0.091	ng	99
30) Pyrene	19.722	202	2373	0.092	ng	99
32) Benzo(a)anthracene	21.474	228	1564	0.082	ng	95
33) Chrysene	21.528	228	1955	0.090	ng	96
34) Bis(2-ethylhexyl)phtha...	21.429	149	1304	0.100	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.341	276	1829m	0.083	ng	
37) Benzo(b)fluoranthene	23.154	252	1681	0.085	ng	# 64
38) Benzo(k)fluoranthene	23.204	252	1548	0.075	ng	# 59
39) Benzo(a)pyrene	23.774	252	1503m	0.087	ng	
40) Dibenzo(a,h)anthracene	26.376	278	1473m	0.083	ng	
41) Benzo(g,h,i)perylene	27.092	276	1693	0.079	ng	# 83

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

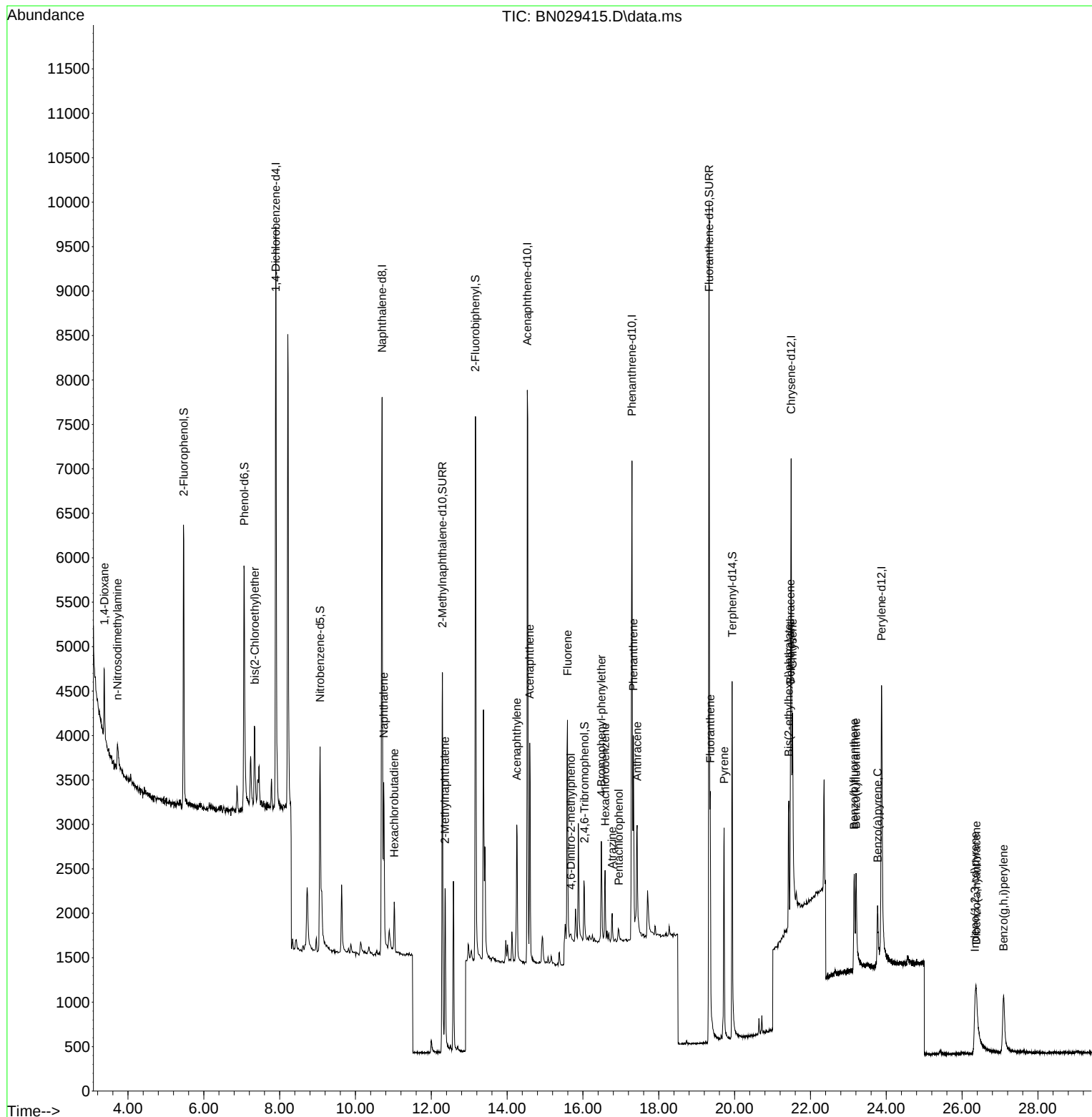
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029415.D
 Acq On : 30 Jan 2024 15:22
 Operator : MA/JU
 Sample : 03572-02
 Misc : LOQ-MDL-SOIL-0.1NG
 ALS Vial : 7 Sample Multiplier: 1

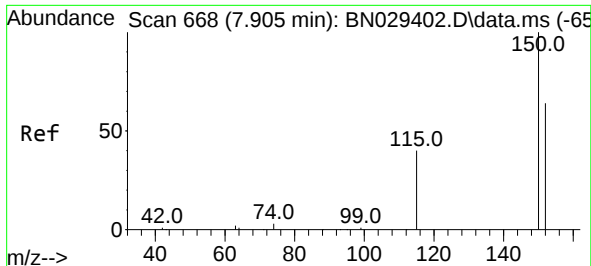
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Quant Time: Jan 30 16:38:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
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 QLast Update : Tue Jan 30 03:38:24 2024
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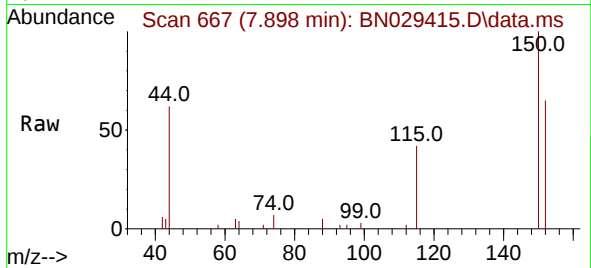
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 668
Delta R.T. -0.007 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

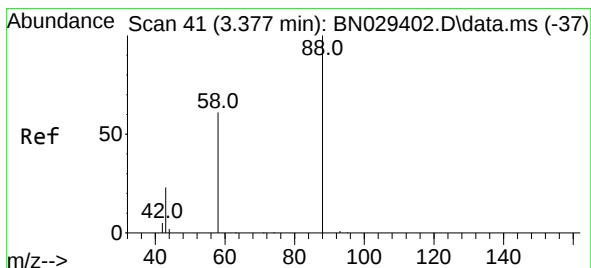
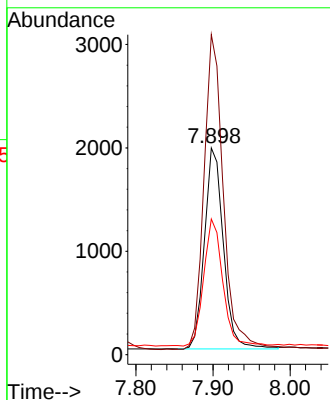
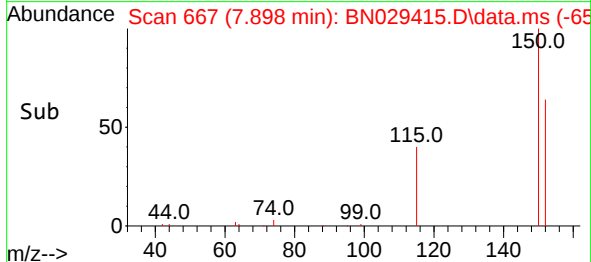
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:152 Resp: 3304
Ion Ratio Lower Upper
152 100
150 154.8 123.0 184.4
115 65.6 51.4 77.0

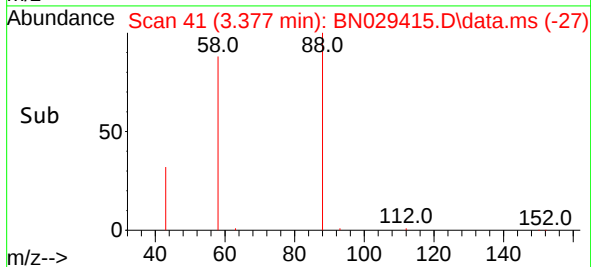
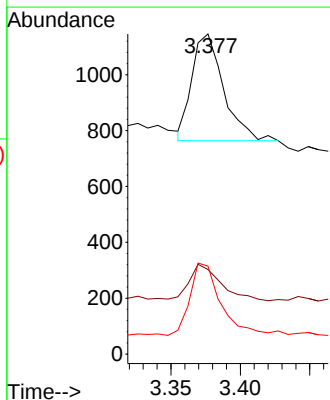
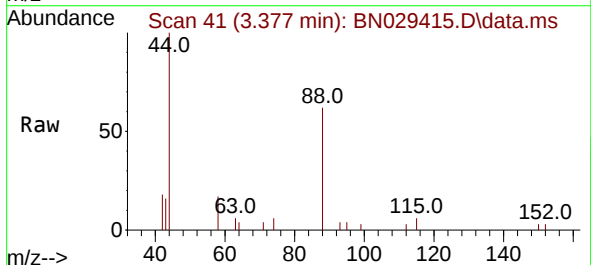
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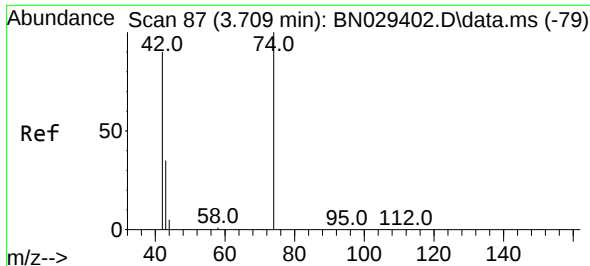
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#2
1,4-Dioxane
Concen: 0.130 ng
RT: 3.377 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

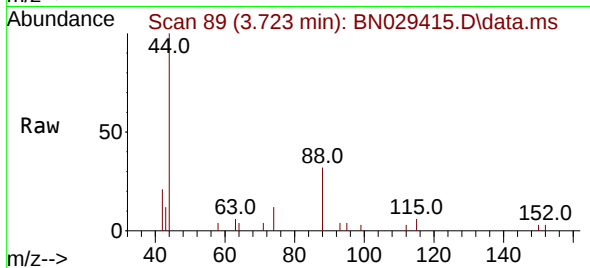
Tgt Ion: 88 Resp: 607
Ion Ratio Lower Upper
88 100
43 33.8 23.3 34.9
58 64.7 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.090 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.014 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

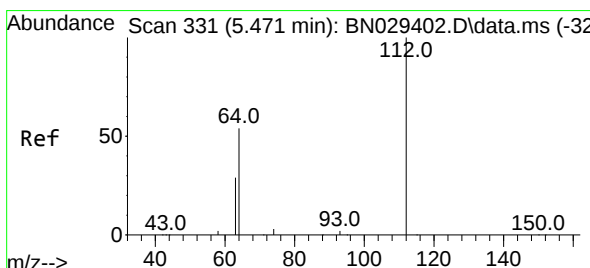
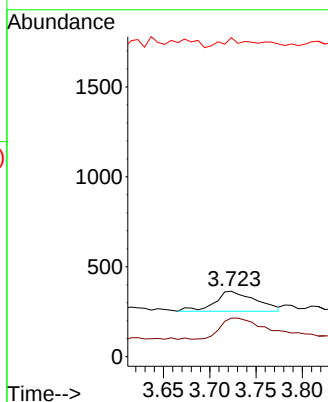
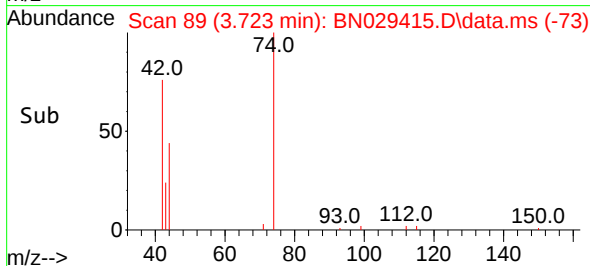
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion: 42 Resp: 342
Ion Ratio Lower Upper
42 100
74 101.8 93.7 140.5
44 29.5 13.0 19.4

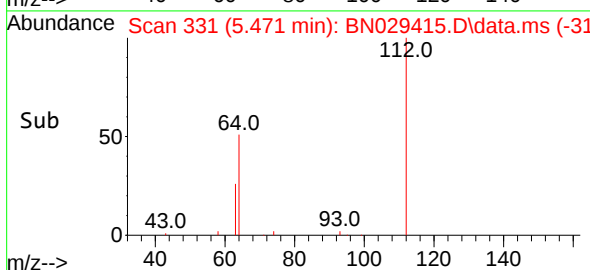
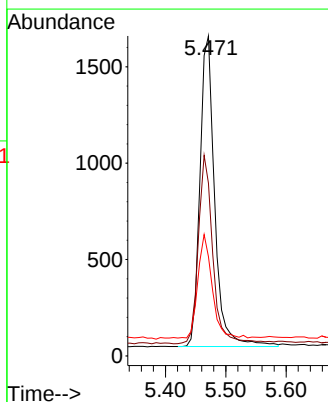
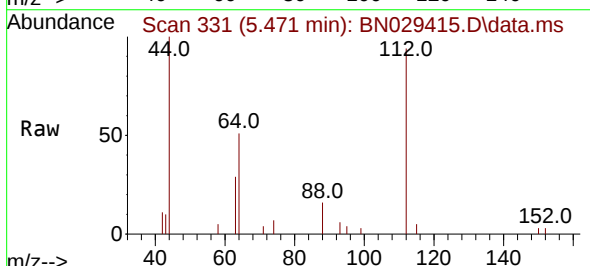
Manual Integrations
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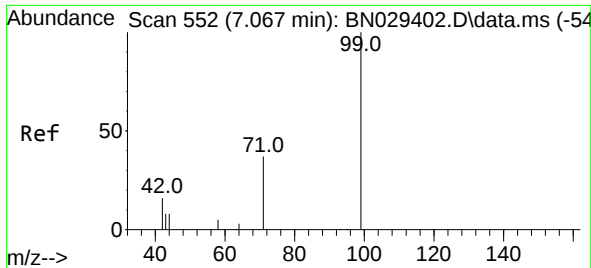
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.471 min Scan# 331
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

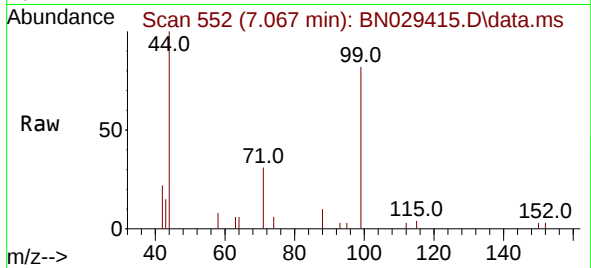
Tgt Ion:112 Resp: 2734
Ion Ratio Lower Upper
112 100
64 60.0 47.2 70.8
63 32.0 25.8 38.6





#5
Phenol-d6
Concen: 0.363 ng
RT: 7.067 min Scan# 552
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

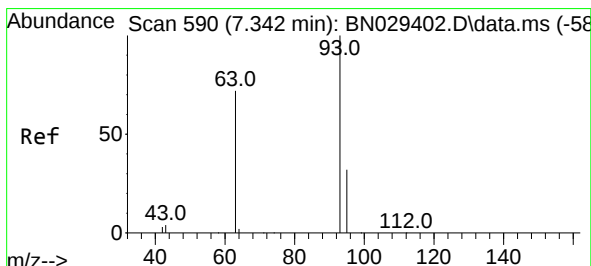
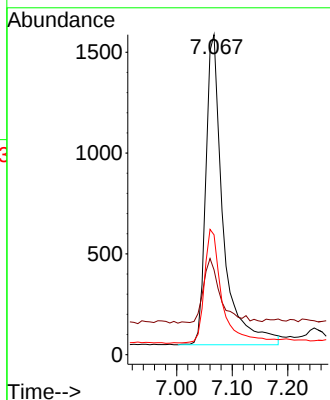
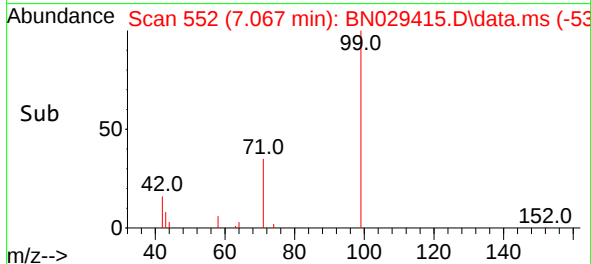
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion: 99 Resp: 3328
Ion Ratio Lower Upper
99 100
42 21.3 16.9 25.3
71 38.2 30.0 45.0

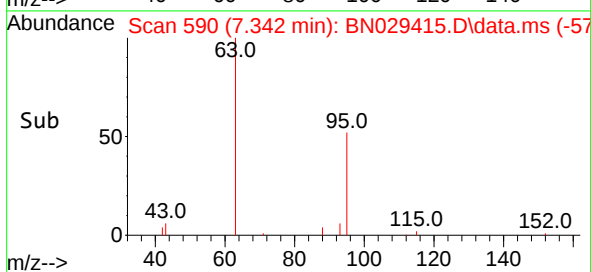
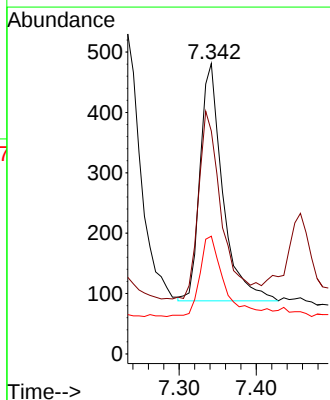
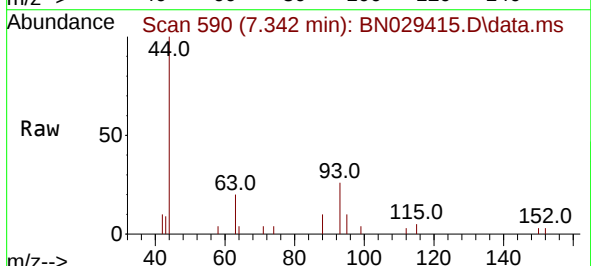
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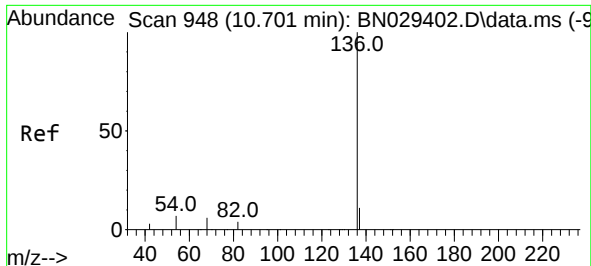
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.092 ng
RT: 7.342 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

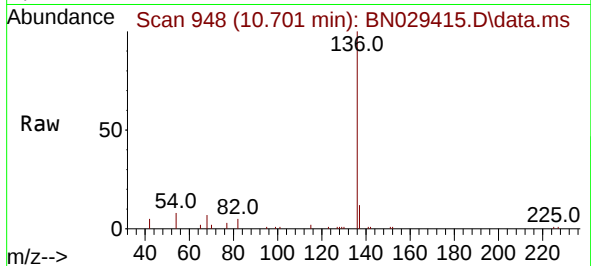
Tgt Ion: 93 Resp: 802
Ion Ratio Lower Upper
93 100
63 81.8 63.1 94.7
95 35.7 27.1 40.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

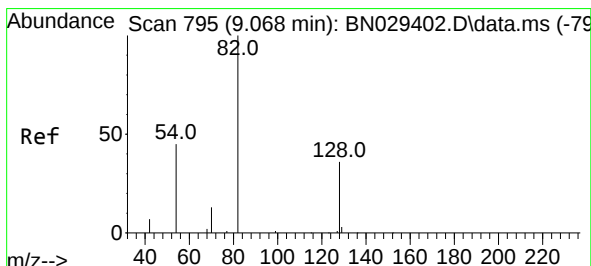
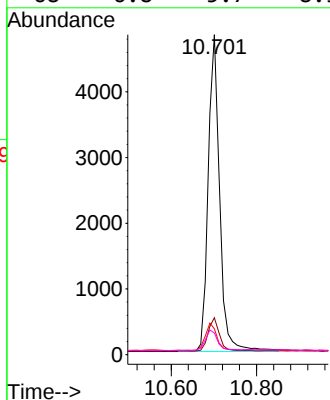
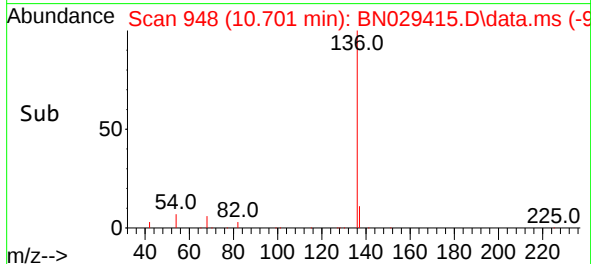
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:	136	Resp:	896
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	8.1	6.6	10.0
68	6.8	5.7	8.5

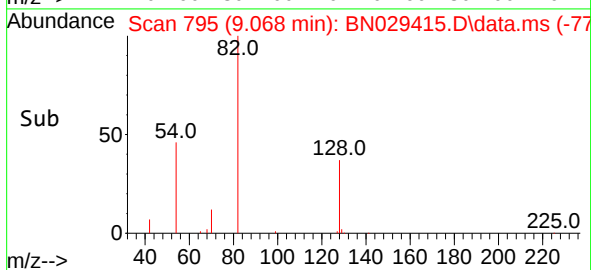
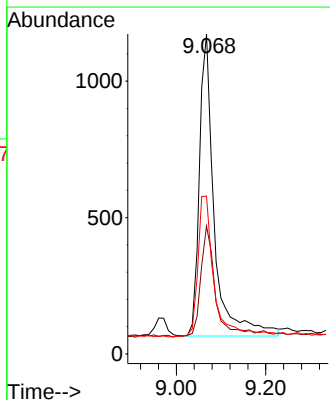
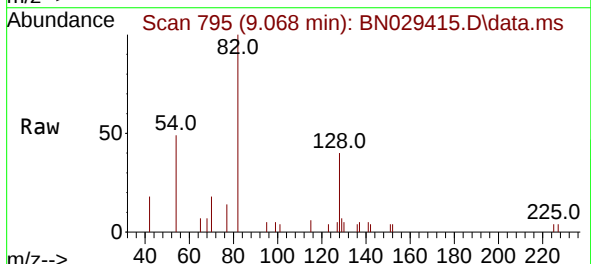
Manual Integrations
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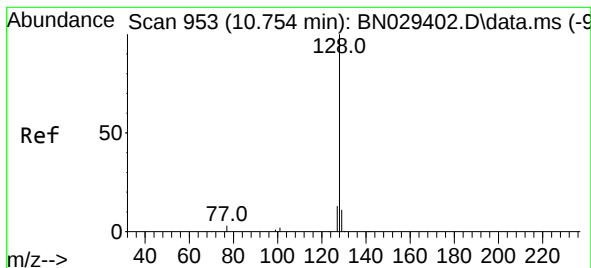
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 9.068 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

Tgt Ion:	82	Resp:	2565
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.6	47.4
54	49.4	38.2	57.4





#9

Naphthalene

Concen: 0.099 ng

RT: 10.744 min Scan# 9

Delta R.T. -0.011 min

Lab File: BN029415.D

Acq: 30 Jan 2024 15:22

Instrument :

BNA_N

ClientSampleId :

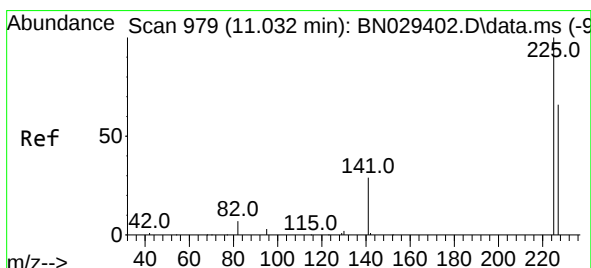
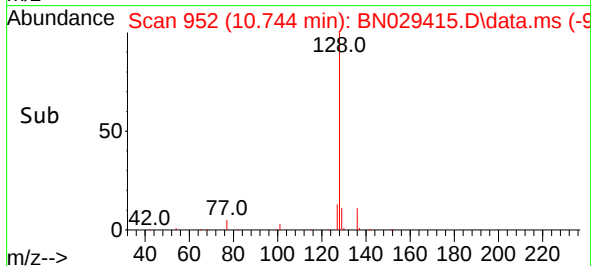
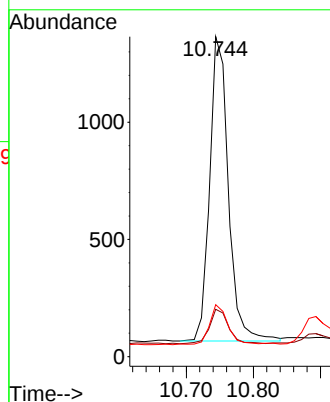
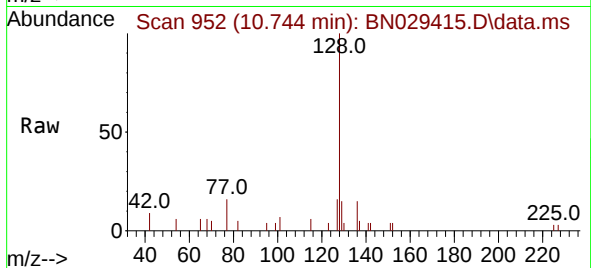
LOQ-SOIL-02-QT3-2023

Tgt Ion:	128	Resp:	252
Ion Ratio	Lower	Upper	
128	100		
129	14.8	9.5	14.3
127	16.3	10.8	16.2

Manual Integrations

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



#10

Hexachlorobutadiene

Concen: 0.093 ng

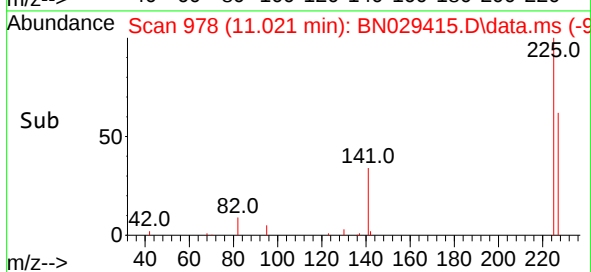
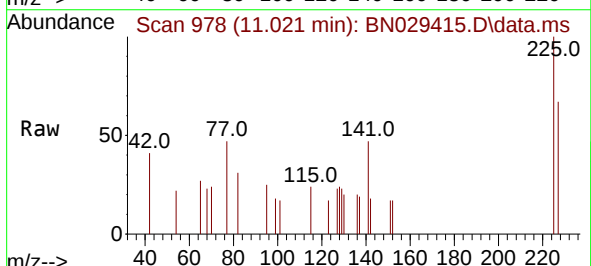
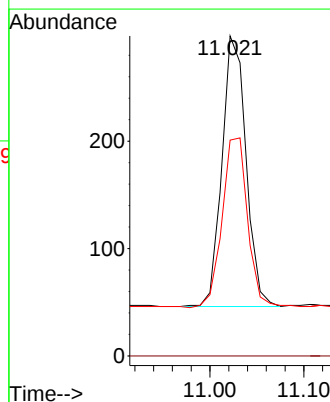
RT: 11.021 min Scan# 978

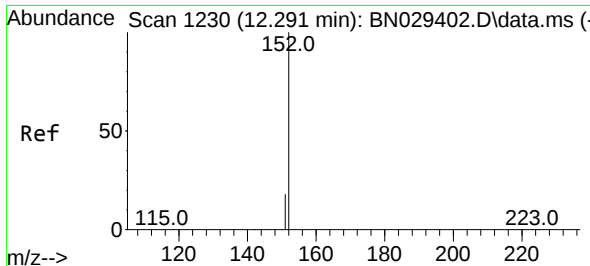
Delta R.T. -0.011 min

Lab File: BN029415.D

Acq: 30 Jan 2024 15:22

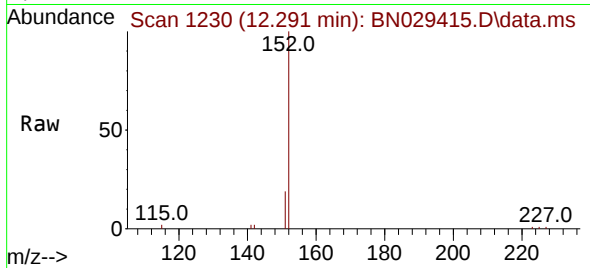
Tgt Ion:	225	Resp:	448
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	66.5	51.1	76.7





#11
2-Methylnaphthalene-d10
Concen: 0.537 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

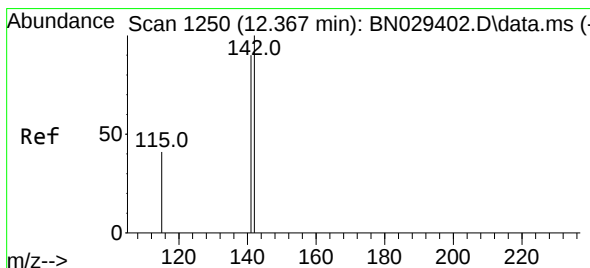
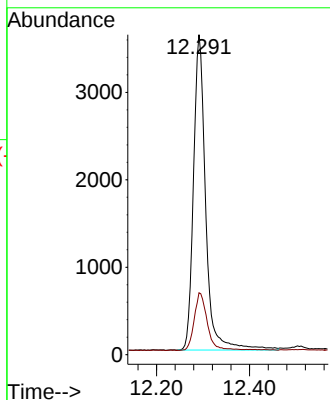
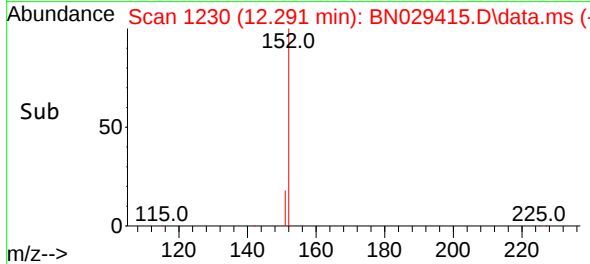
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT3-2023



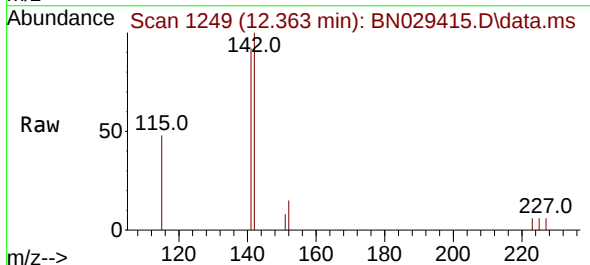
Tgt Ion:152 Resp: 655
Ion Ratio Lower Upper
152 100
151 19.5 17.1 25.7

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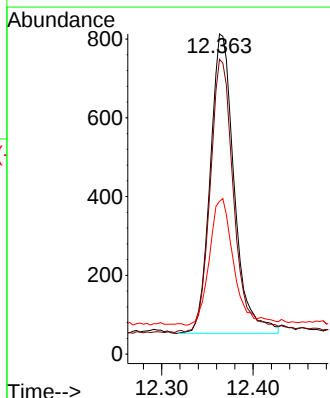
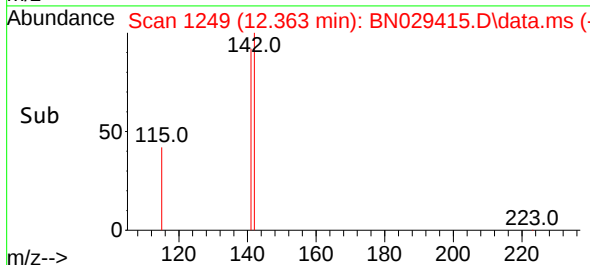
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

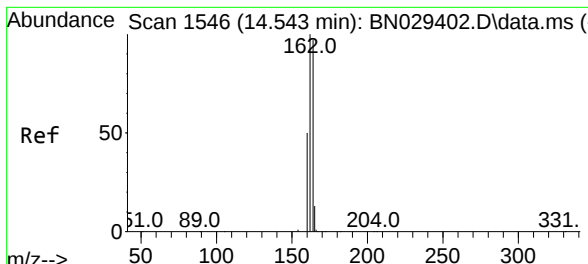


#12
2-Methylnaphthalene
Concen: 0.092 ng
RT: 12.363 min Scan# 1249
Delta R.T. -0.004 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22



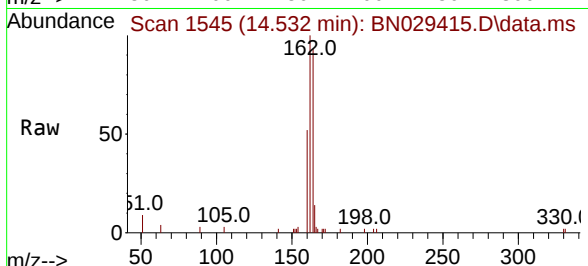
Tgt Ion:142 Resp: 1382
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9
115 47.7 33.9 50.9





#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.532 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN029415.D
 Acq: 30 Jan 2024 15:22

Instrument : BNA_N
 ClientSampleId : LOQ-SOIL-02-QT3-2023

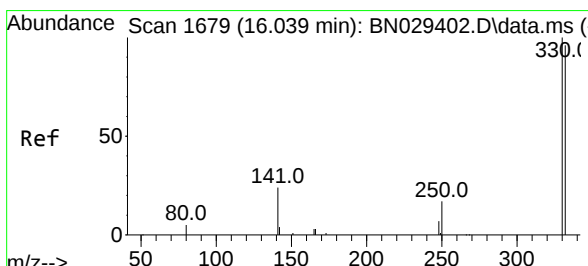
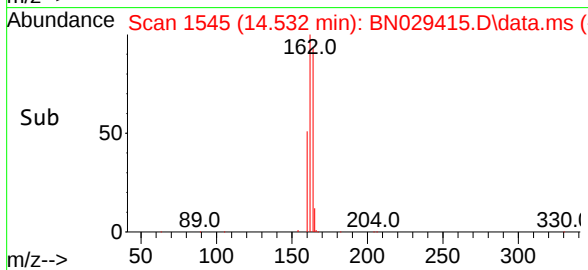
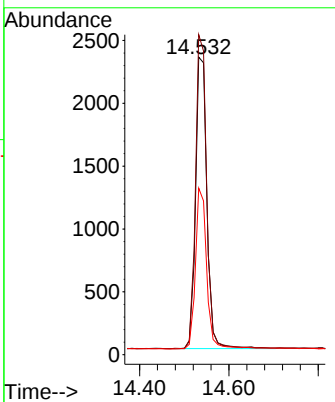


Tgt Ion:164 Resp: 409

Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.6	123.8
160	56.0	41.5	62.3

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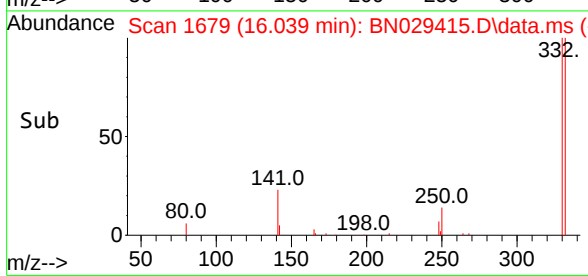
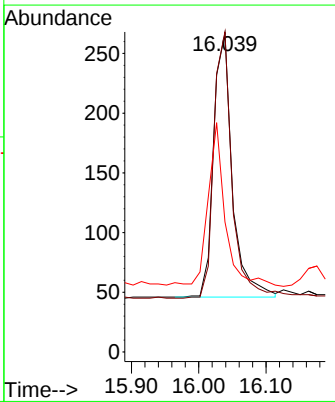
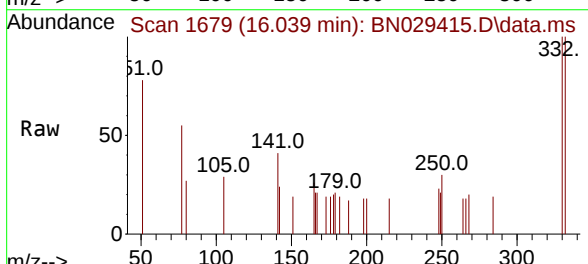
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024

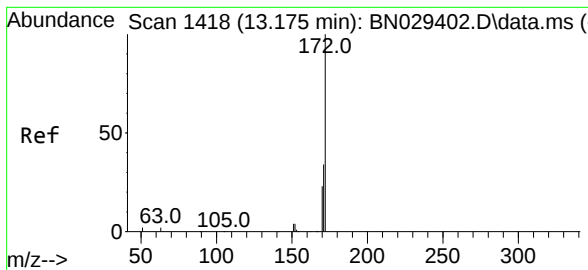


#14
 2,4,6-Tribromophenol
 Concen: 0.325 ng
 RT: 16.039 min Scan# 1679
 Delta R.T. -0.000 min
 Lab File: BN029415.D
 Acq: 30 Jan 2024 15:22

Tgt Ion:330 Resp: 427

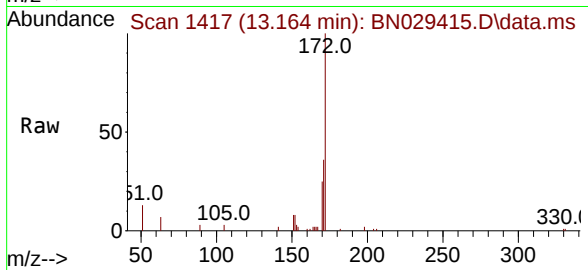
Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.0	114.0
141	57.4	43.4	65.2





#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.164 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

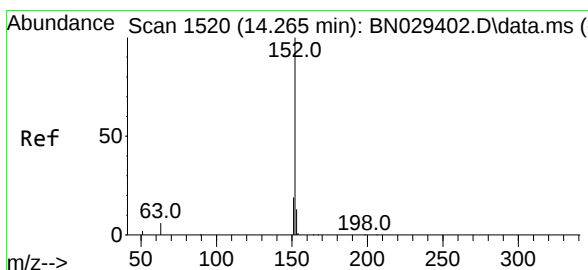
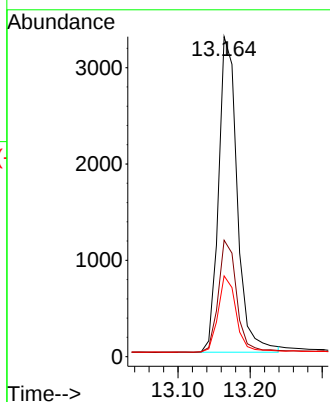
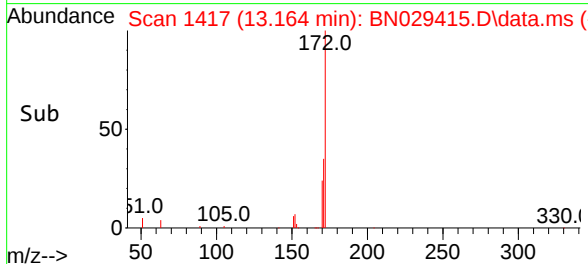
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT3-2023



Tgt Ion:172 Resp: 5880
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 25.3 18.7 28.1

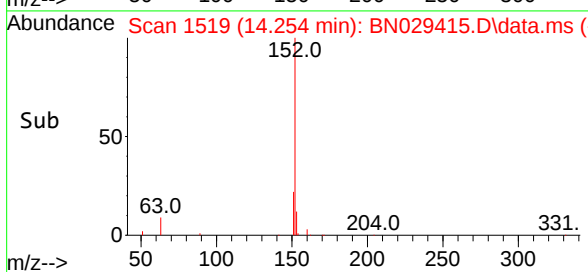
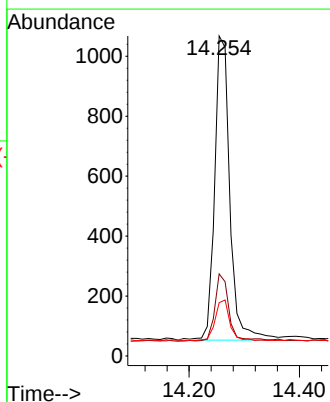
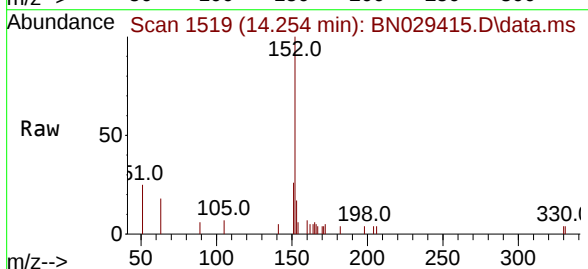
Manual Integrations
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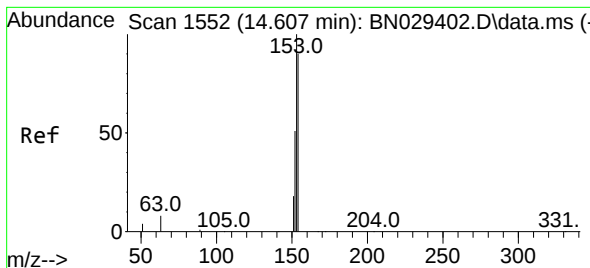
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.011 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

Tgt Ion:152 Resp: 1935
Ion Ratio Lower Upper
152 100
151 21.5 15.9 23.9
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.094 ng

RT: 14.597 min Scan# 1551

Delta R.T. -0.011 min

Lab File: BN029415.D

Acq: 30 Jan 2024 15:22

Instrument :

BNA_N

ClientSampleId :

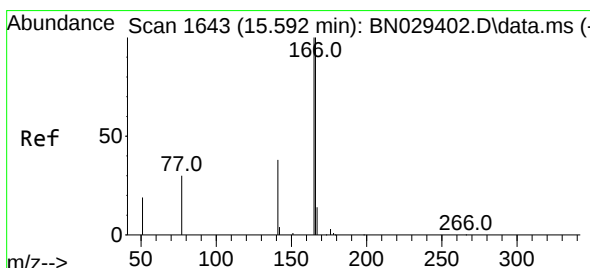
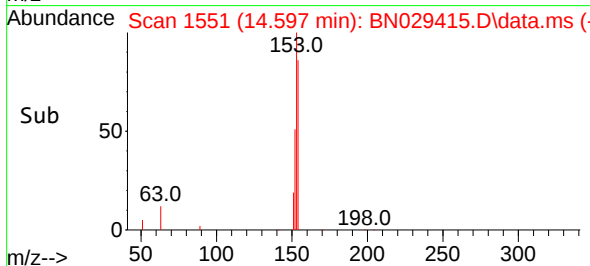
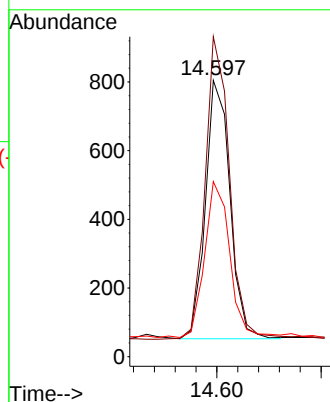
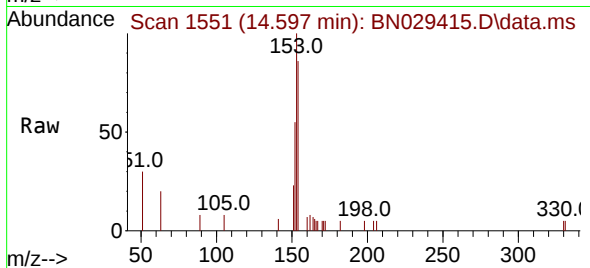
LOQ-SOIL-02-QT3-2023

Tgt Ion:	154	Resp:	123
Ion	Ratio	Lower	Upper
154	100		
153	117.4	93.6	140.4
152	62.8	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

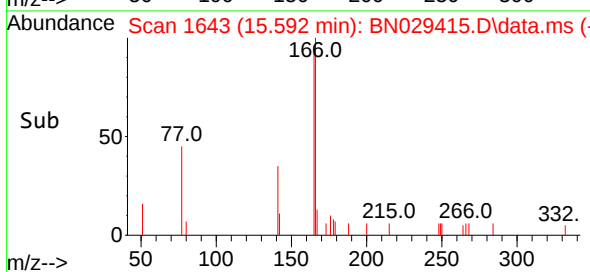
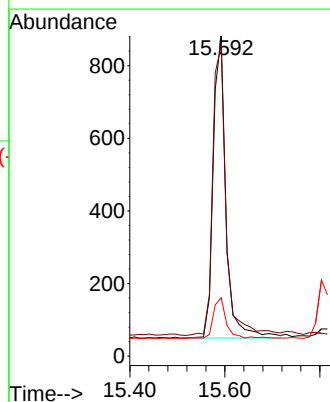
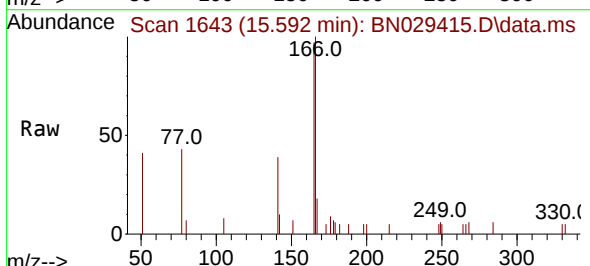
RT: 15.592 min Scan# 1643

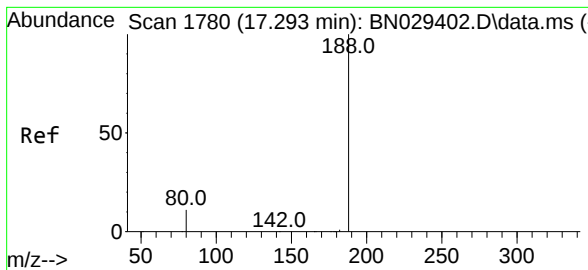
Delta R.T. -0.000 min

Lab File: BN029415.D

Acq: 30 Jan 2024 15:22

Tgt Ion:	166	Resp:	1545
Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.9	119.9
167	13.8	11.3	16.9





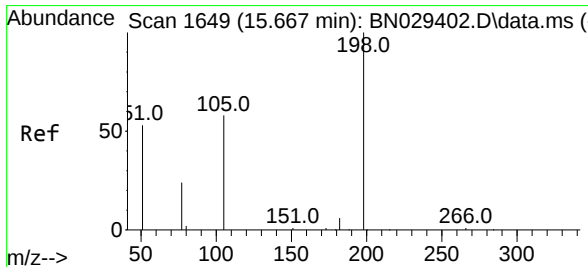
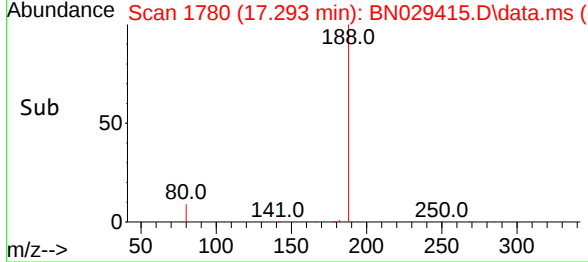
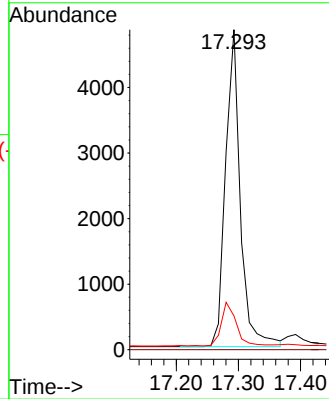
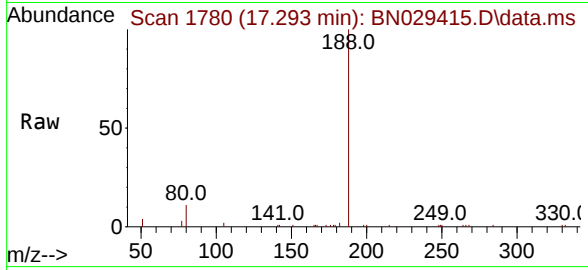
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:188 Resp: 7944
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 10.0 15.0

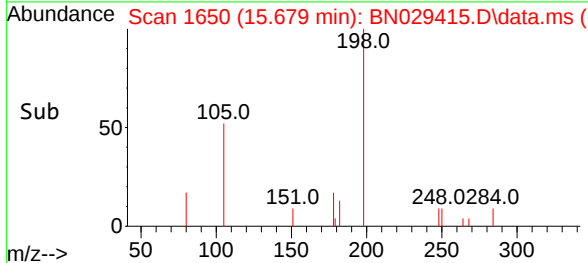
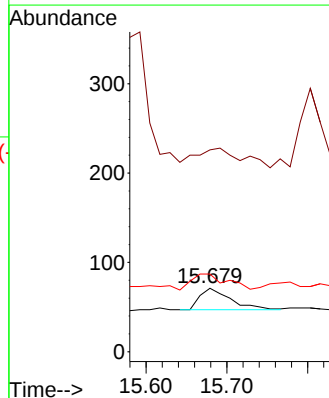
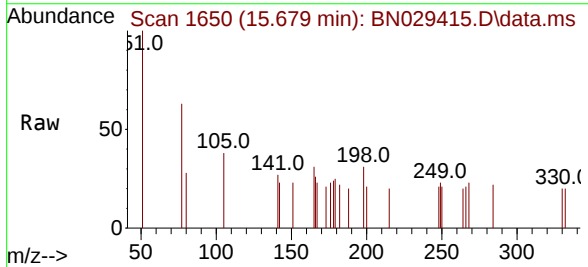
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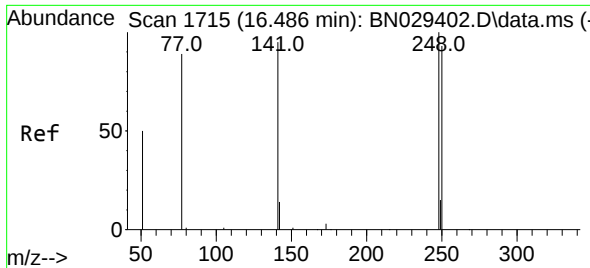
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.055 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.012 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

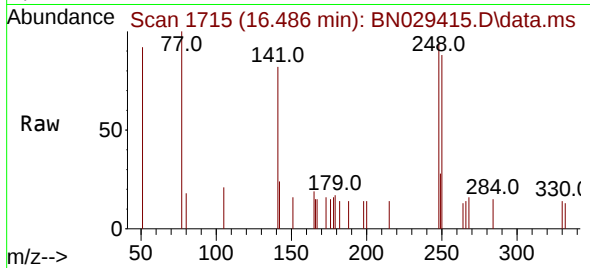
Tgt Ion:198 Resp: 64
Ion Ratio Lower Upper
198 100
51 318.3 111.0 166.6#
105 122.5 67.0 100.6#





#21
4-Bromophenyl-phenylether
Concen: 0.096 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

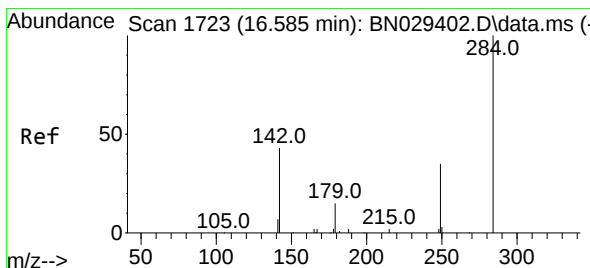
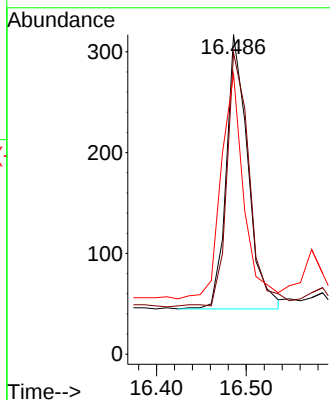
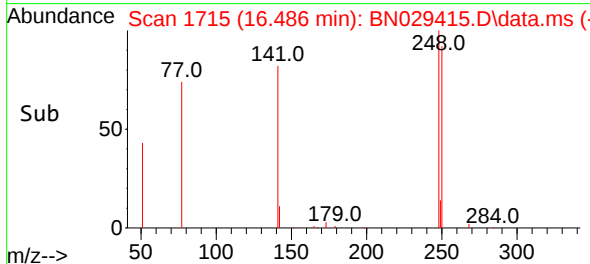
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:248 Resp: 450
Ion Ratio Lower Upper
248 100
250 94.3 75.0 112.4
141 87.7 77.0 115.6

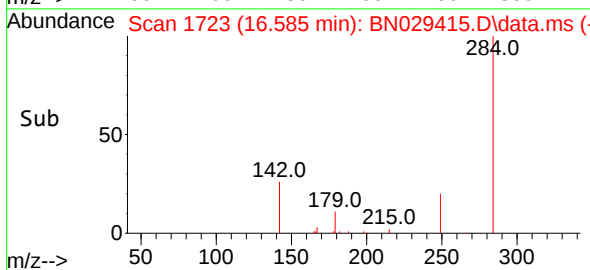
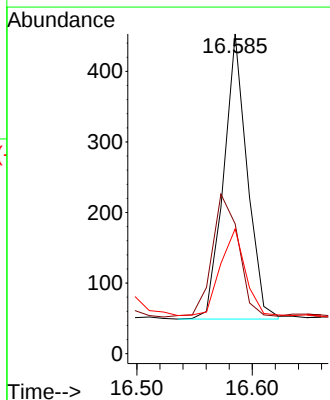
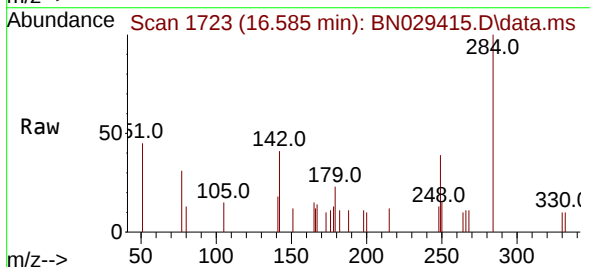
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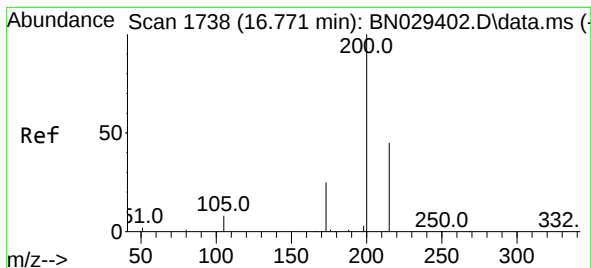
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#22
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

Tgt Ion:284 Resp: 572
Ion Ratio Lower Upper
284 100
142 49.1 39.4 59.2
249 32.0 26.9 40.3





#23

Atrazine

Concen: 0.093 ng

RT: 16.771 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BN029415.D

Acq: 30 Jan 2024 15:22

Instrument :

BNA_N

ClientSampleId :

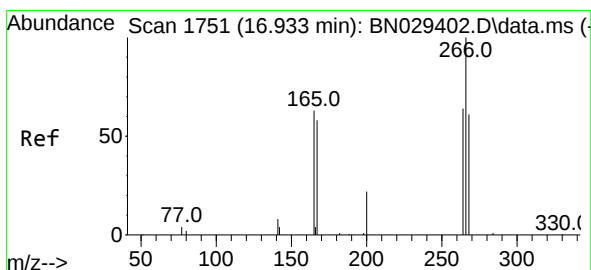
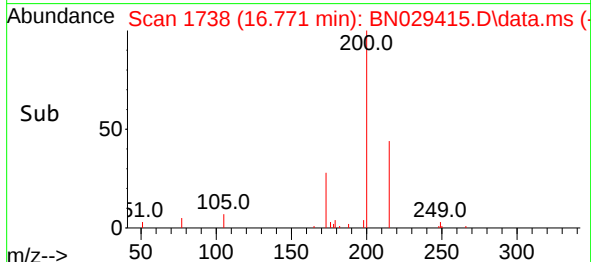
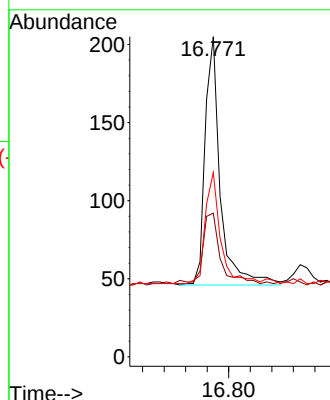
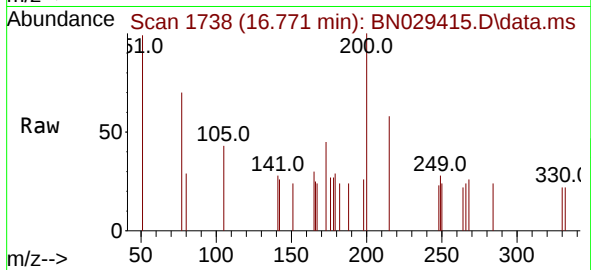
LOQ-SOIL-02-QT3-2023

Tgt Ion:	200	Resp:	31
Ion Ratio	Lower	Upper	
200	100		
173	44.9	23.4	35.0
215	57.6	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: 0.051 ng

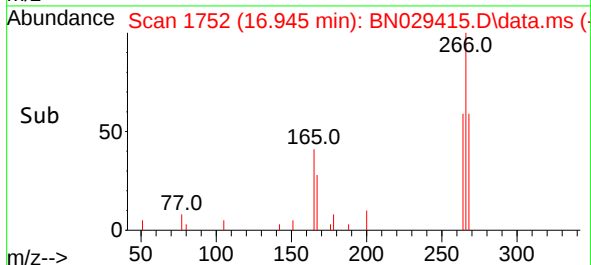
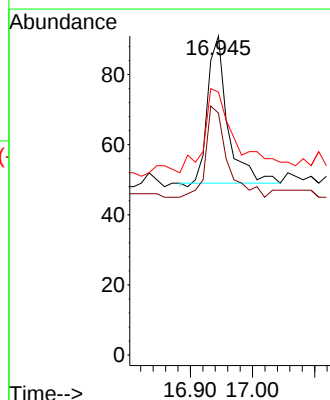
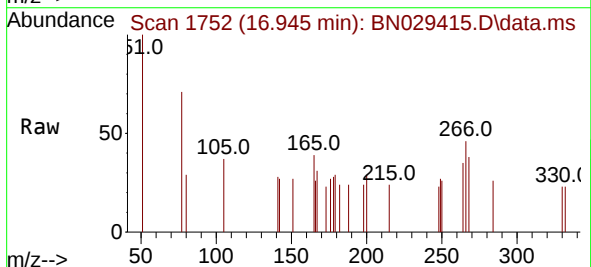
RT: 16.945 min Scan# 1752

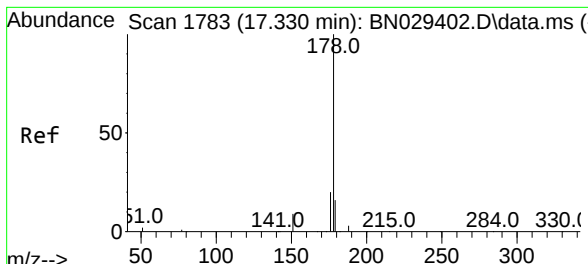
Delta R.T. 0.012 min

Lab File: BN029415.D

Acq: 30 Jan 2024 15:22

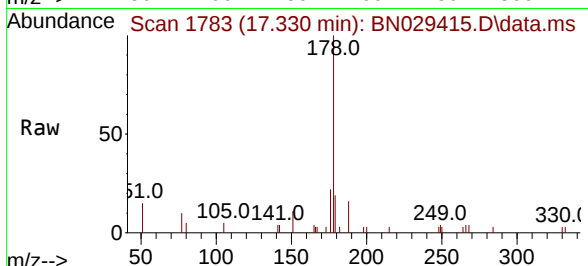
Tgt Ion:	266	Resp:	94
Ion Ratio	Lower	Upper	
266	100		
264	66.0	50.8	76.2
268	94.7	51.5	77.3





#25
 Phenanthrene
 Concen: 0.098 ng
 RT: 17.330 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BN029415.D
 Acq: 30 Jan 2024 15:22

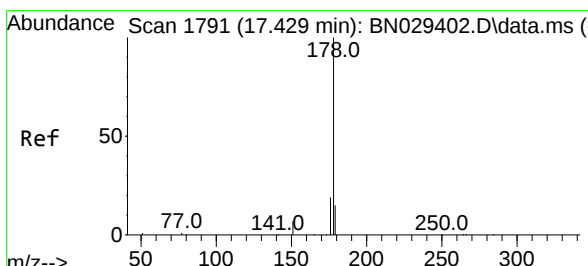
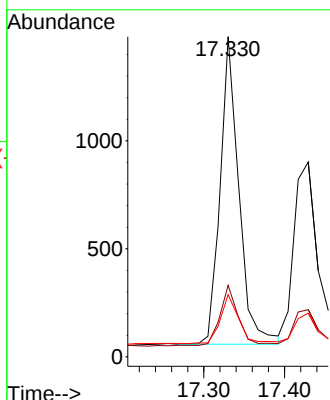
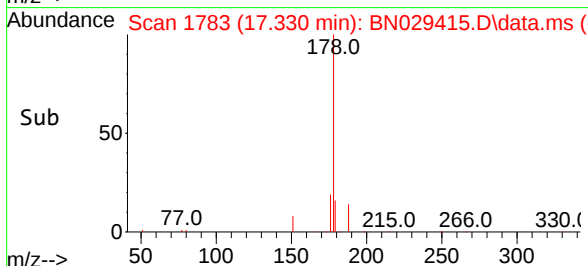
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023



Tgt Ion:	178	Resp:	2300
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	17.3	12.6	19.0

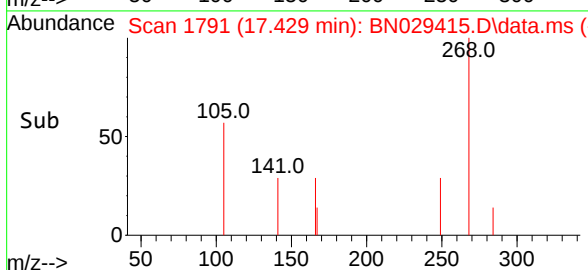
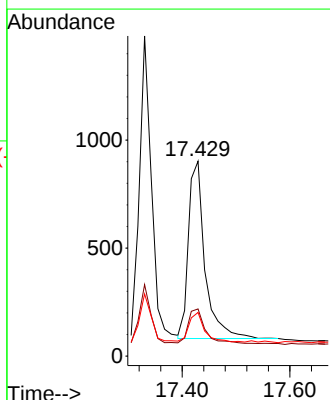
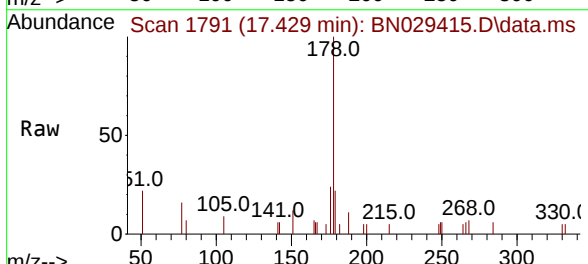
Manual Integrations
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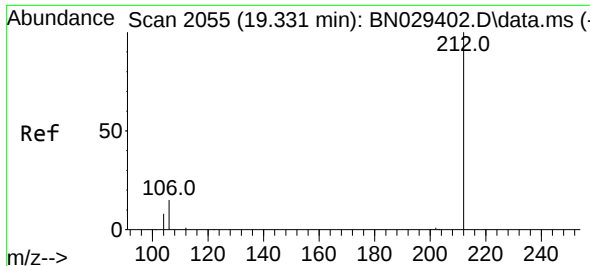
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024



#26
 Anthracene
 Concen: 0.087 ng
 RT: 17.429 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: BN029415.D
 Acq: 30 Jan 2024 15:22

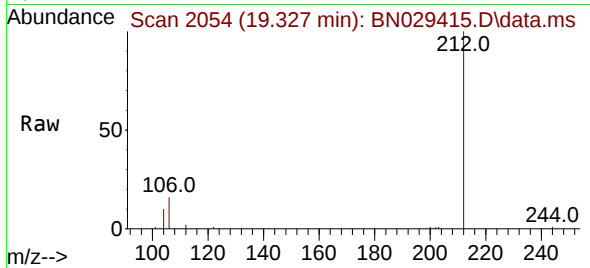
Tgt Ion:	178	Resp:	1752
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	15.6	12.3	18.5





#27
Fluoranthene-d10
Concen: 0.591 ng
RT: 19.327 min Scan# 2054
Delta R.T. -0.005 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

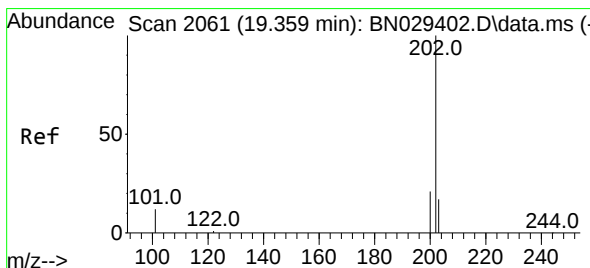
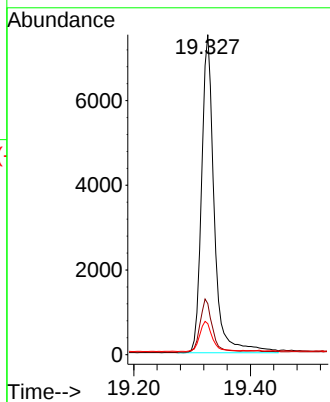
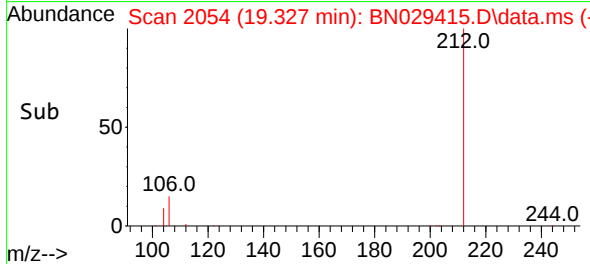
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:212 Resp: 1137
Ion Ratio Lower Upper
212 100
106 16.1 13.2 19.8
104 9.5 7.7 11.5

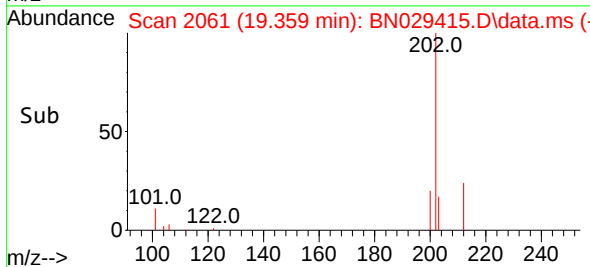
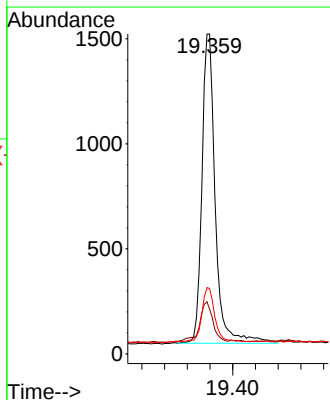
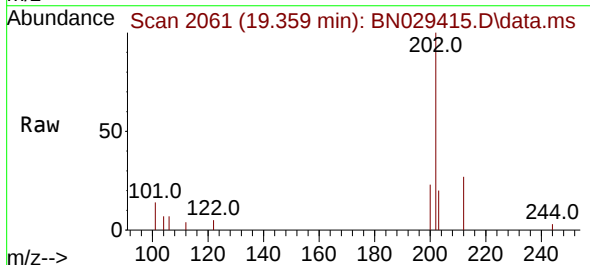
Manual Integrations
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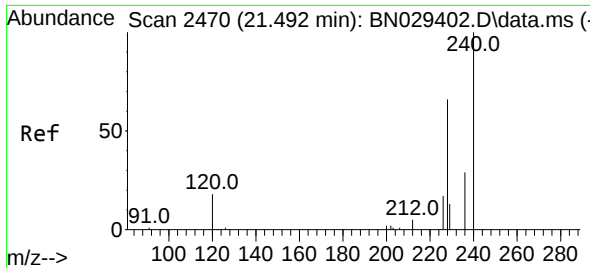
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#28
Fluoranthene
Concen: 0.091 ng
RT: 19.359 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

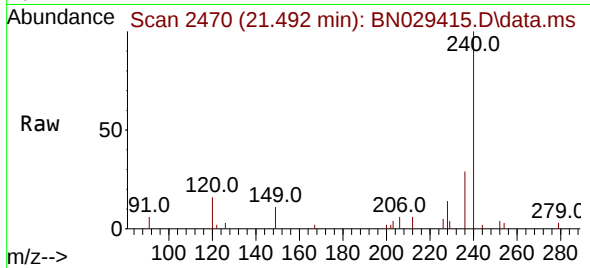
Tgt Ion:202 Resp: 2392
Ion Ratio Lower Upper
202 100
101 13.9 10.5 15.7
203 17.1 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.492 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

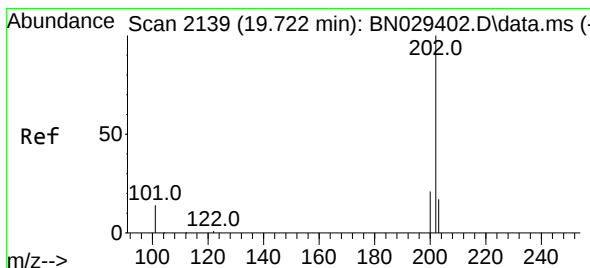
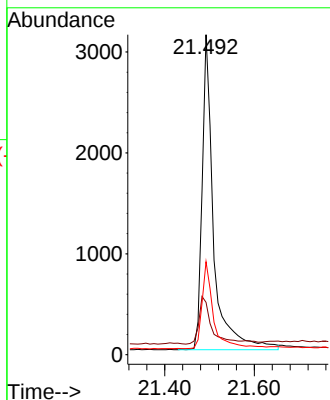
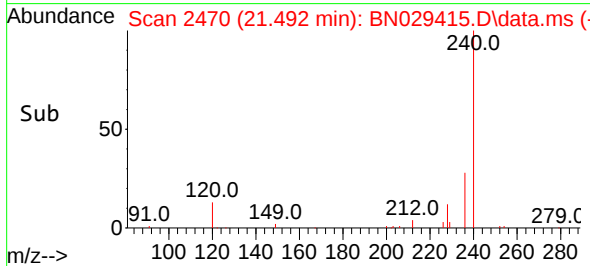
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:240 Resp: 5578
Ion Ratio Lower Upper
240 100
120 16.4 16.7 25.1
236 29.0 23.9 35.9

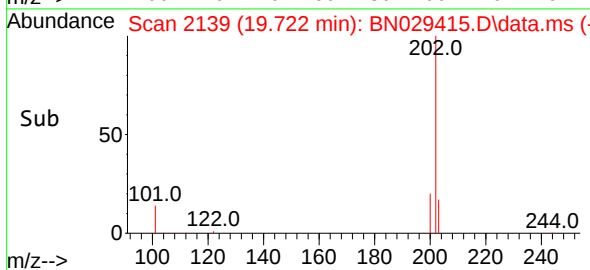
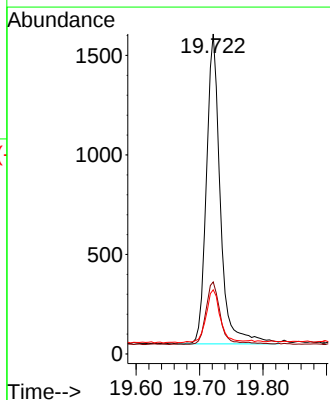
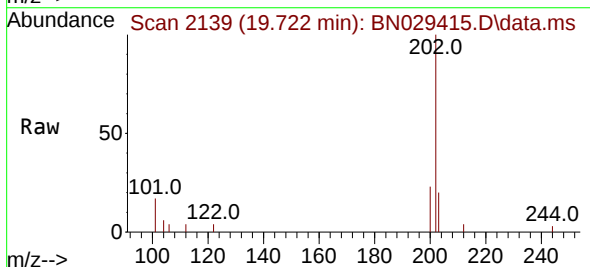
Manual Integrations
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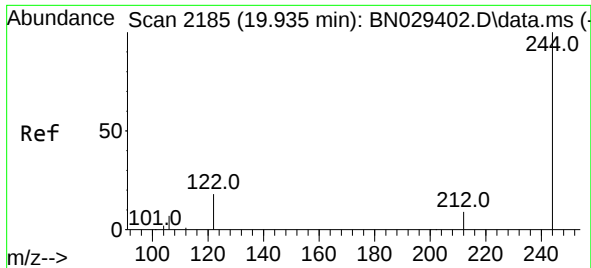
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#30
Pyrene
Concen: 0.092 ng
RT: 19.722 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

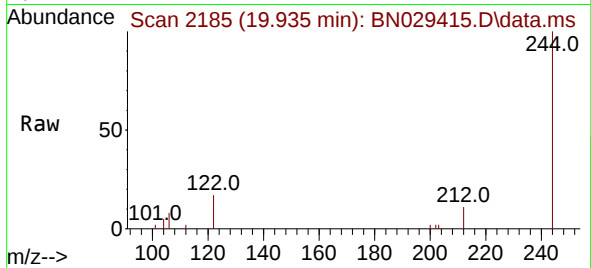
Tgt Ion:202 Resp: 2373
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 17.4 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.333 ng
 RT: 19.935 min Scan# 2185
 Delta R.T. -0.000 min
 Lab File: BN029415.D
 Acq: 30 Jan 2024 15:22

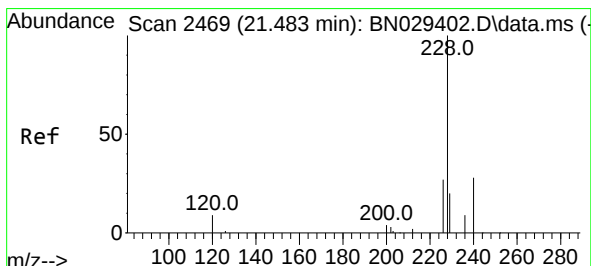
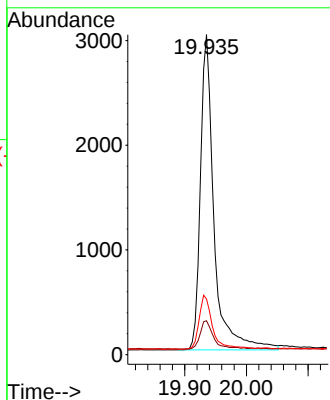
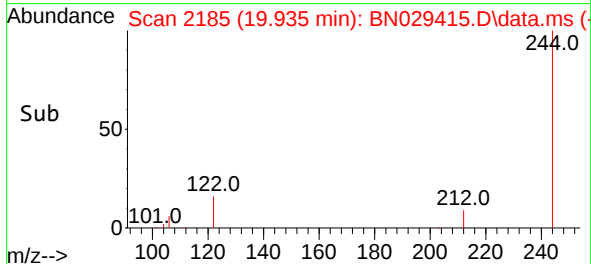
Instrument : BNA_N
 ClientSampleId : LOQ-SOIL-02-QT3-2023



Tgt Ion:244 Resp: 461
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.2 12.4
 122 17.4 15.6 23.4

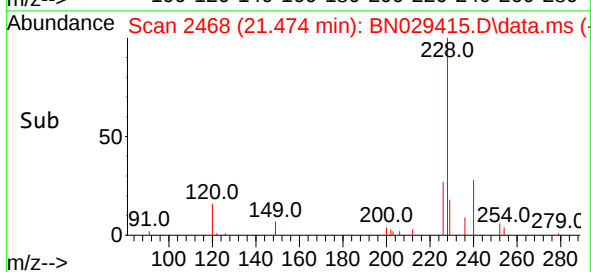
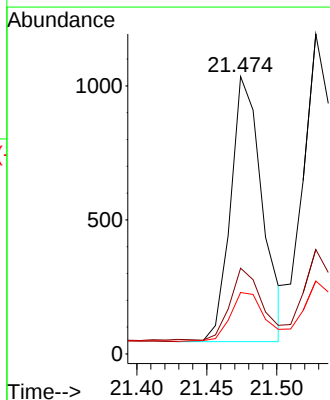
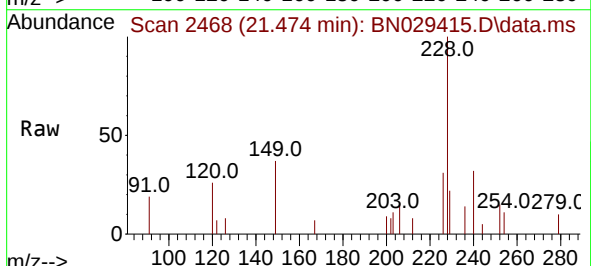
Manual Integrations
 APPROVED

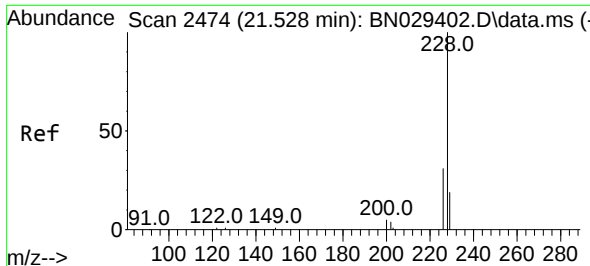
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024



#32
 Benzo(a)anthracene
 Concen: 0.082 ng
 RT: 21.474 min Scan# 2468
 Delta R.T. -0.009 min
 Lab File: BN029415.D
 Acq: 30 Jan 2024 15:22

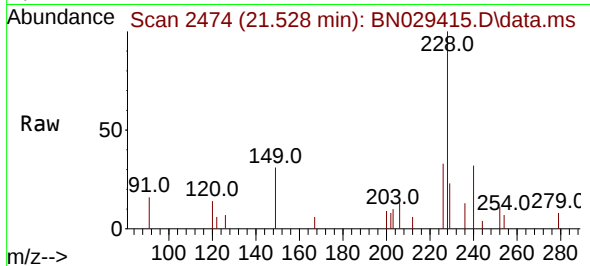
Tgt Ion:228 Resp: 1564
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.2 33.4
 229 22.1 16.5 24.7





#33
Chrysene
Concen: 0.090 ng
RT: 21.528 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

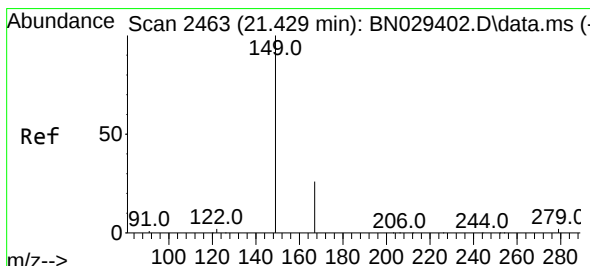
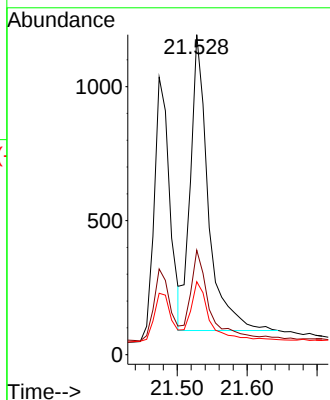
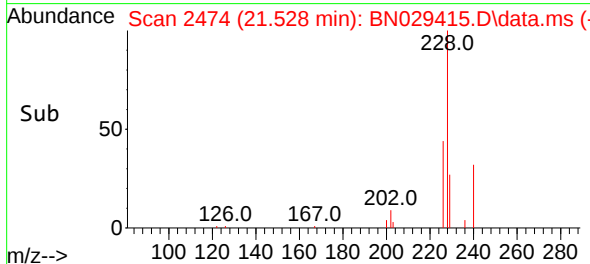
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023



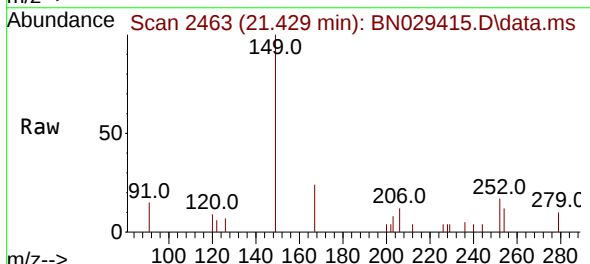
Tgt Ion:228 Resp: 195
Ion Ratio Lower Upper
228 100
226 32.7 24.9 37.3
229 22.8 15.9 23.9

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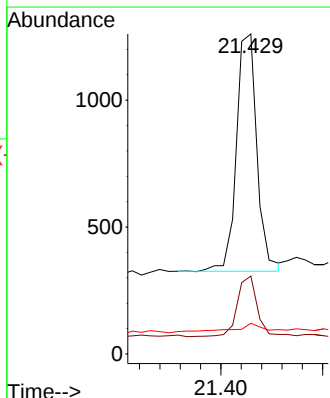
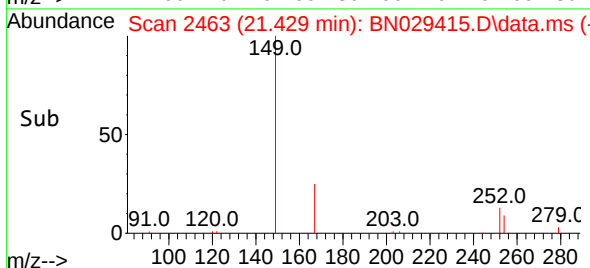
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

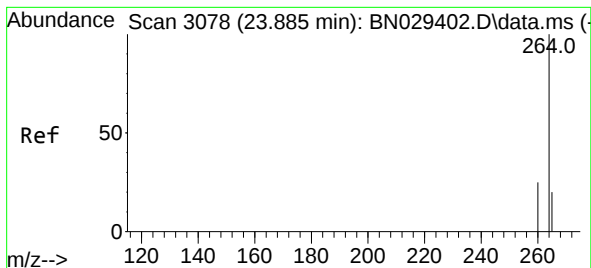


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.100 ng
RT: 21.429 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22



Tgt Ion:149 Resp: 1304
Ion Ratio Lower Upper
149 100
167 24.8 20.1 30.1
279 7.2 2.5 3.7#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.876 min Scan# 3075

Delta R.T. -0.009 min

Lab File: BN029415.D

Acq: 30 Jan 2024 15:22

Instrument :

BNA_N

ClientSampleId :

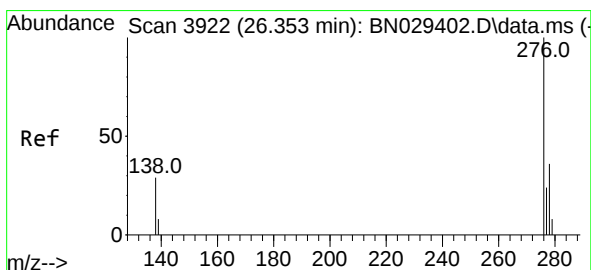
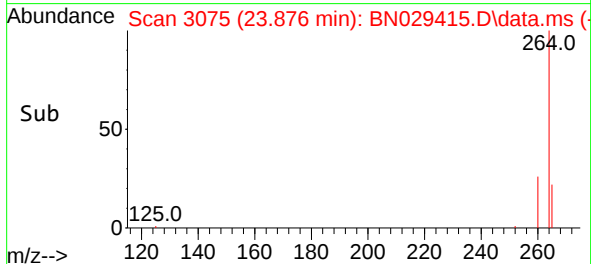
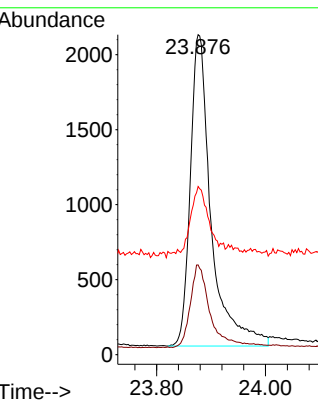
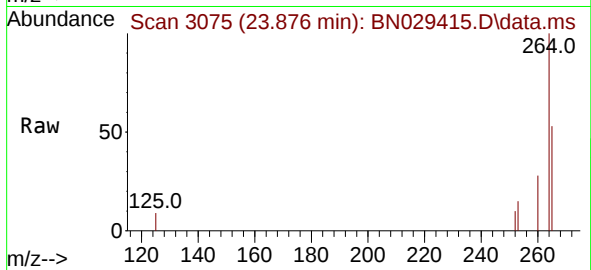
LOQ-SOIL-02-QT3-2023

Tgt Ion:	264	Resp:	551
Ion Ratio	Lower	Upper	
264	100		
260	28.0	21.2	31.8
265	52.6	41.5	62.3

Manual Integrations

APPROVED

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



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.083 ng m

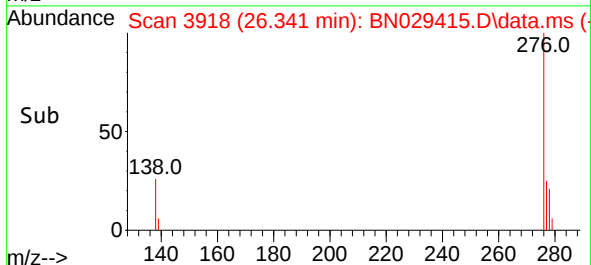
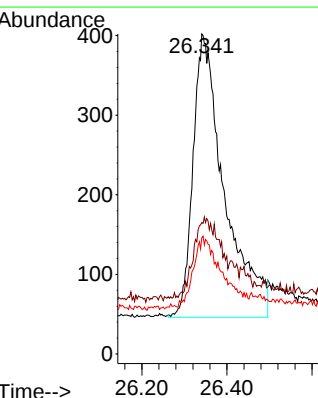
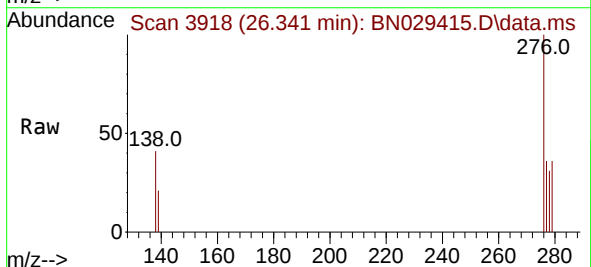
RT: 26.341 min Scan# 3918

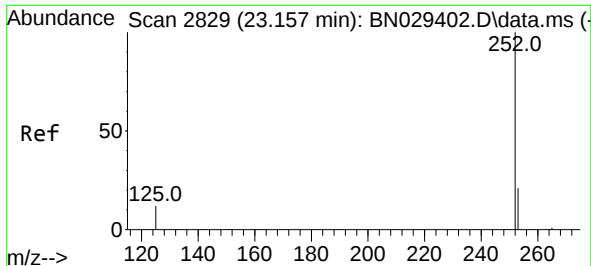
Delta R.T. -0.012 min

Lab File: BN029415.D

Acq: 30 Jan 2024 15:22

Tgt Ion:	276	Resp:	1829
Ion Ratio	Lower	Upper	
276	100		
138	23.1	20.5	30.7
277	8.6	17.0	25.4





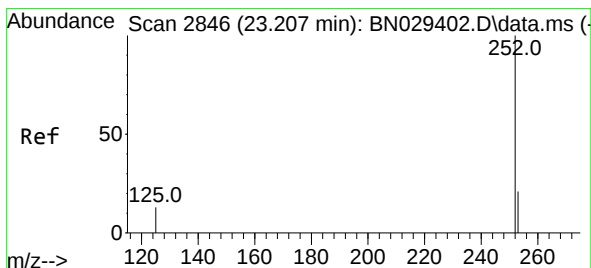
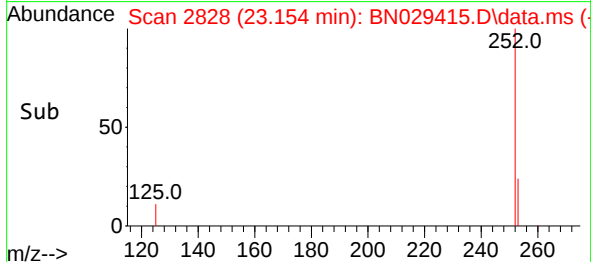
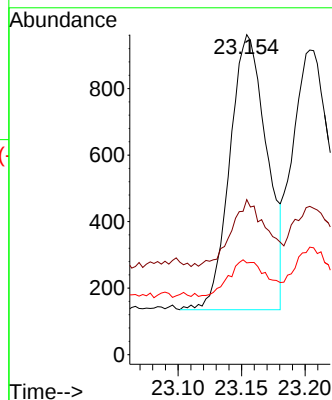
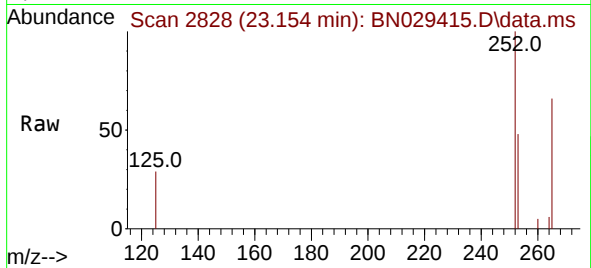
#37
Benzo(b)fluoranthene
Concen: 0.085 ng
RT: 23.154 min Scan# 2828
Delta R.T. -0.003 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:252 Resp: 168
Ion Ratio Lower Upper
252 100
253 48.4 21.7 32.5
125 28.7 13.3 19.9

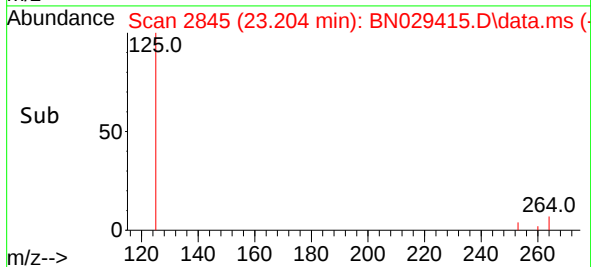
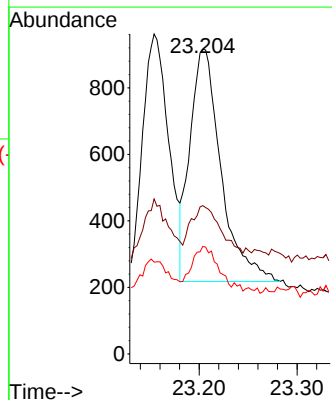
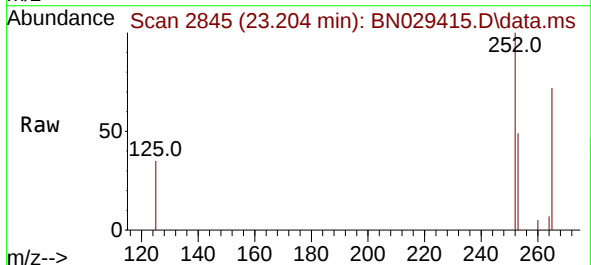
Manual Integrations
APPROVED

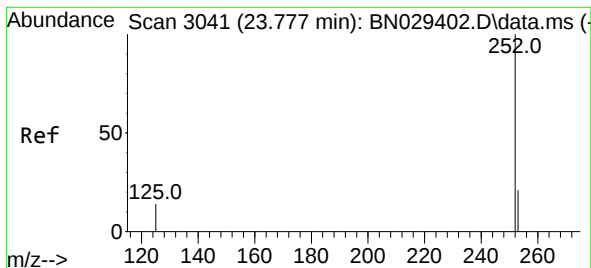
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024



#38
Benzo(k)fluoranthene
Concen: 0.075 ng
RT: 23.204 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

Tgt Ion:252 Resp: 1548
Ion Ratio Lower Upper
252 100
253 48.7 21.8 32.8#
125 35.3 13.9 20.9#





#39

Benzo(a)pyrene

Concen: 0.087 ng m

RT: 23.774 min Scan# 3041

Delta R.T. -0.003 min

Lab File: BN029415.D

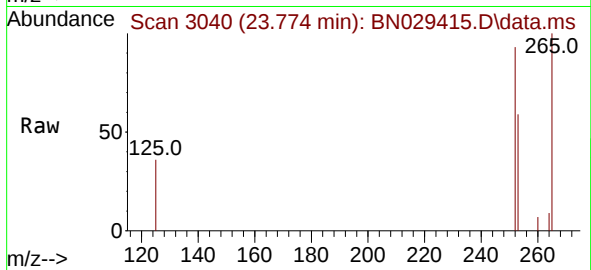
Acq: 30 Jan 2024 15:22

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2023

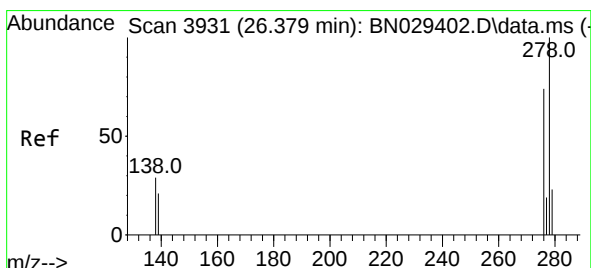
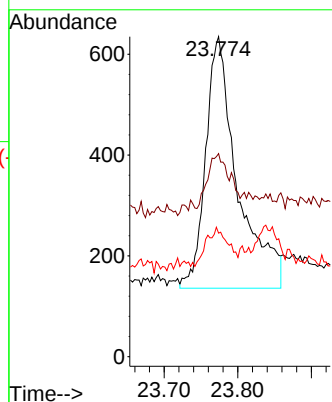
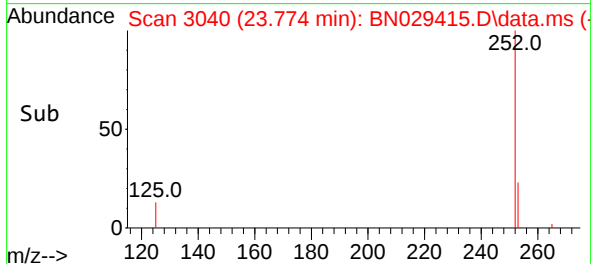


Tgt Ion:	252	Resp:	150
Ion Ratio	Lower	Upper	
252	100		
253	63.5	24.9	37.3
125	38.6	16.6	25.0

Manual Integrations

APPROVED

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



#40

Dibenzo(a,h)anthracene

Concen: 0.083 ng m

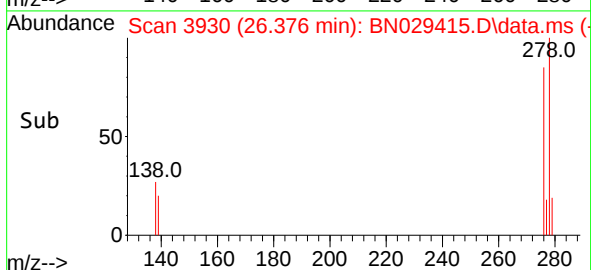
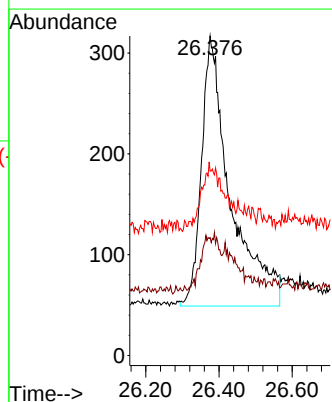
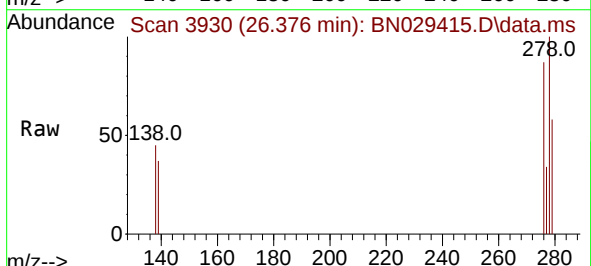
RT: 26.376 min Scan# 3930

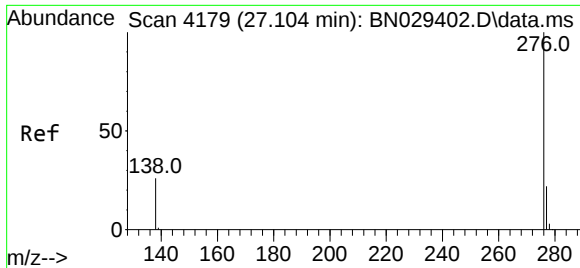
Delta R.T. -0.003 min

Lab File: BN029415.D

Acq: 30 Jan 2024 15:22

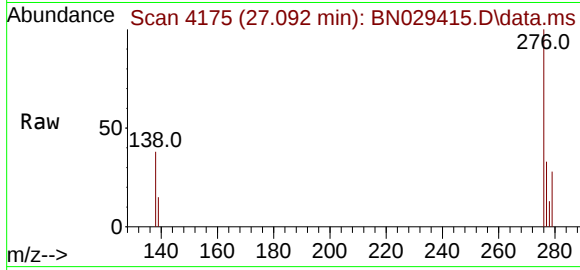
Tgt Ion:	278	Resp:	1473
Ion Ratio	Lower	Upper	
278	100		
139	36.9	20.4	30.6
279	57.7	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.079 ng
RT: 27.092 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN029415.D
Acq: 30 Jan 2024 15:22

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion: 276 Resp: 169
Ion Ratio Lower Upper
276 100
277 33.3 19.4 29.2
138 38.4 23.5 35.3

Manual Integrations
APPROVED

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

