

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
 Data File : BN029269.D
 Acq On : 17 Jan 2024 13:24
 Operator : MA/JU
 Sample : 03573-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2023-06

Quant Time: Jan 18 01:00:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	137321	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	625487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	424649	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	961043	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	981051	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	1119388	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	16147	4.856	ng/uL	0.00
4) Pyridine-d5	3.781	84	228774	22.307	ng/u1	0.00
7) Phenol-d5	7.099	99	264536	20.078	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	180180	21.682	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	203852	21.872	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	217366	20.462	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	107343	23.656	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	86977	23.113	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	196876	21.017	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	332607	19.619	ng/u1	0.00
46) Dimethylphthalate-d6	13.999	166	752911	21.539	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	838017	21.288	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	116422	19.137	ng/u1	0.00
60) Fluorene-d10	15.575	176	655001	21.987	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	68371	16.917	ng/u1	0.00
73) Anthracene-d10	17.428	188	1002554	20.752	ng/u1	0.00
81) Pyrene-d10	19.728	212	1210317	22.202	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1280739	22.199	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	3760	1.115	ng/uL#	96
5) Pyridine	3.799	79	44987	4.294	ng/u1#	57
6) Benzaldehyde	7.087	77	35837m	6.061	ng/u1	
8) Phenol	7.128	94	54279	4.053	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.375	93	46064	4.238	ng/u1	98
12) 2-Chlorophenol	7.499	128	41686	4.297	ng/u1	98
13) 2-Methylphenol	8.381	108	38514	3.776	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.481	45	62193	4.475	ng/u1	98
16) Acetophenone	8.769	105	74881	4.160	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.758	70	39547	4.175	ng/u1	99
18) 4-Methylphenol	8.711	108	44592	4.062	ng/u1	96
19) Hexachloroethane	9.016	117	18846	4.279	ng/u1	95
22) Nitrobenzene	9.152	77	59697	4.758	ng/u1	97
23) Isophorone	9.675	82	106310	3.987	ng/u1	98
25) 2-Nitrophenol	9.858	139	18794	4.265	ng/u1	98
26) 2,4-Dimethylphenol	9.916	107	48239	4.095	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.169	93	66384	4.423	ng/u1	97
29) 2,4-Dichlorophenol	10.387	162	39643	4.303	ng/u1	97
30) Naphthalene	10.793	128	155604	4.363	ng/u1	99
32) 4-Chloroaniline	10.910	127	66499	4.032	ng/u1	99
33) Hexachlorobutadiene	11.069	225	27984	4.304	ng/u1	95
34) Caprolactam	11.699	113	15333m	4.107	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	43306	3.962	ng/u1	97
36) 2-Methylnaphthalene	12.404	142	105116	4.214	ng/u1	97

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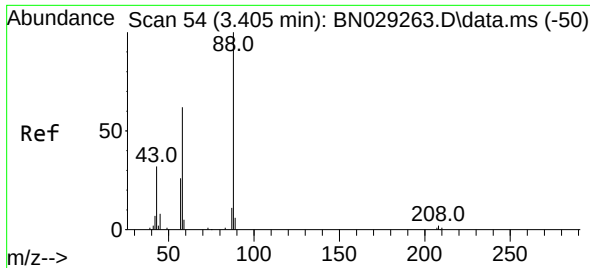
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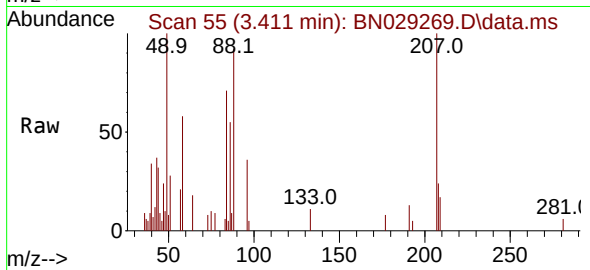
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	110160	4.451	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.763	216	54911	4.149	ng/ul	97
40) Hexachlorocyclopentadiene	12.740	237	36379	4.105	ng/ul	92
41) 2,4,6-Trichlorophenol	13.010	196	26148	3.566	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	31744	3.856	ng/ul	93
43) 1,1'-Biphenyl	13.416	154	146590	4.284	ng/ul	97
44) 2-Chloronaphthalene	13.457	162	113725	4.254	ng/ul	97
45) 2-Nitroaniline	13.663	65	28734	4.055	ng/ul	96
47) Dimethylphthalate	14.046	163	153190	4.304	ng/ul	98
48) 2,6-Dinitrotoluene	14.169	165	21982	3.820	ng/ul	92
50) Acenaphthylene	14.298	152	191515	4.193	ng/ul	99
51) 3-Nitroaniline	14.493	138	23956	3.832	ng/ul	97
52) Acenaphthene	14.640	153	125471	4.185	ng/ul	100
53) 2,4-Dinitrophenol	14.698	184	11898	4.838	ng/ul	96
55) 4-Nitrophenol	14.793	109	26606	4.774	ng/ul	95
56) Dibenzofuran	14.981	168	173444	4.278	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	32997	3.915	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.198	232	23638	3.480	ng/ul	96
59) Diethylphthalate	15.416	149	150889	4.064	ng/ul	98
61) Fluorene	15.628	166	147396	4.198	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.628	204	72372	4.218	ng/ul	97
63) 4-Nitroaniline	15.651	138	26476m	4.301	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	18276	3.927	ng/ul#	75
67) N-Nitrosodiphenylamine	15.845	169	121318	4.163	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	31285	2.912	ng/ul	96
69) Hexachlorobenzene	16.622	284	52314	4.046	ng/ul	94
70) Atrazine	16.804	200	49130	4.440	ng/ul	97
71) Pentachlorophenol	16.969	266	25976	3.719	ng/ul	98
72) Phenanthrene	17.375	178	238883	4.284	ng/ul	98
74) Anthracene	17.463	178	232914	4.023	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	54662	4.207	ng/uL	94
76) Pentachlorobenzene	14.887	250	61689	4.586	ng/uL	95
77) Carbazole	17.739	167	205749	3.843	ng/ul	98
78) Di-n-butylphthalate	18.322	149	236551	3.623	ng/ul	99
80) Fluoranthene	19.392	202	260317	4.041	ng/ul	99
82) Pyrene	19.757	202	292334	4.273	ng/ul	98
83) Butylbenzylphthalate	20.680	149	90593	3.386	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.451	252	89124	3.916	ng/ul#	95
85) Benzo(a)anthracene	21.516	228	300580	4.158	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.469	149	151438	3.428	ng/ul	98
87) Chrysene	21.569	228	269315	4.028	ng/ul	97
89) Di-n-octyl phthalate	22.416	149	231182	2.930	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	290939	4.099	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	290321	4.104	ng/ul	97
93) Benzo(a)pyrene	23.833	252	276416	4.107	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.439	276	322400	3.785	ng/ul	98
95) Dibenzo(a,h)anthracene	26.474	278	270348	3.806	ng/ul	98
96) Benzo(g,h,i)perylene	27.204	276	255305	3.753	ng/ul	98

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



#2
 1,4-Dioxane
 Concen: 1.115 ng/uL
 RT: 3.411 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: BN029269.D
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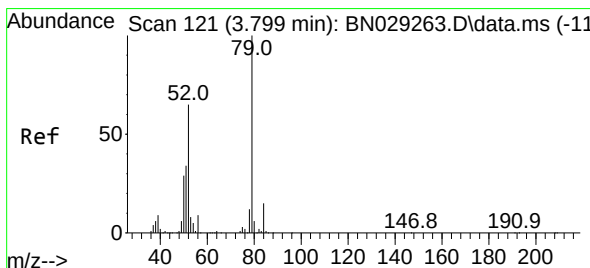
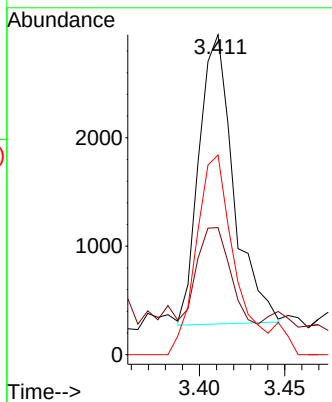
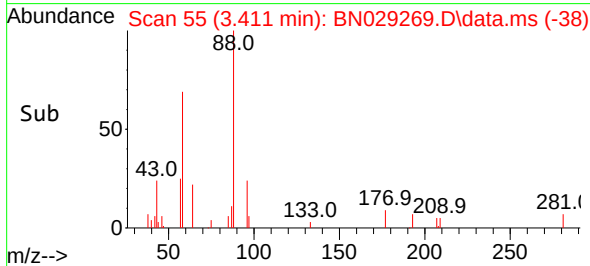
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2023-06



Tgt Ion: 88 Resp: 3760
 Ion Ratio Lower Upper
 88 100
 43 39.7 26.3 39.5
 58 62.4 49.7 74.5

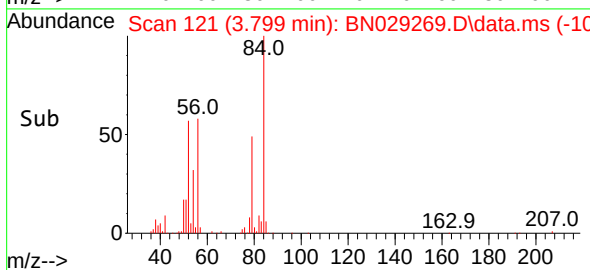
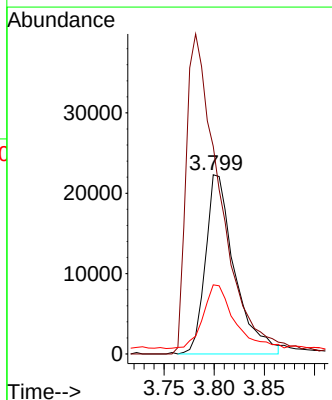
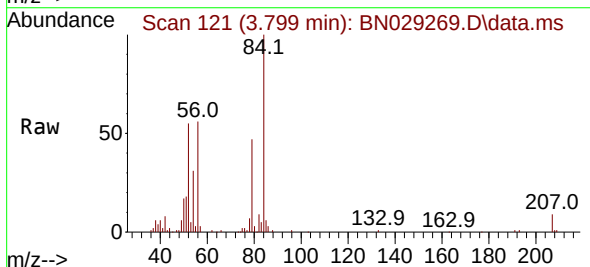
Manual Integrations
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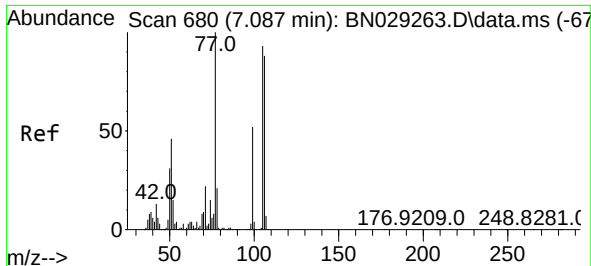
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#5
 Pyridine
 Concen: 4.294 ng/uL
 RT: 3.799 min Scan# 121
 Delta R.T. -0.005 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

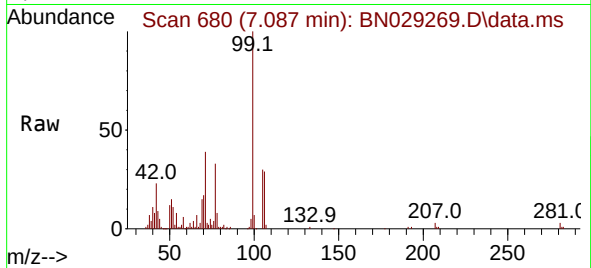
Tgt Ion: 79 Resp: 44987
 Ion Ratio Lower Upper
 79 100
 52 115.9 53.8 80.8
 51 38.5 27.4 41.0





#6
Benzaldehyde
Concen: 6.061 ng/ul m
RT: 7.087 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

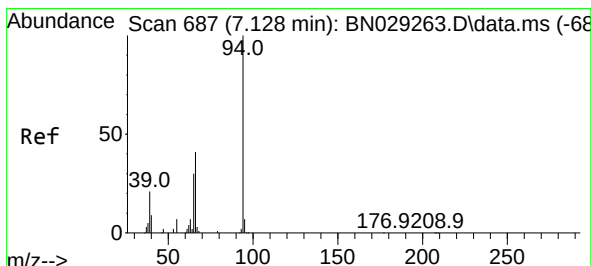
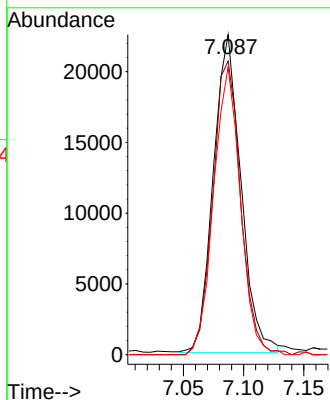
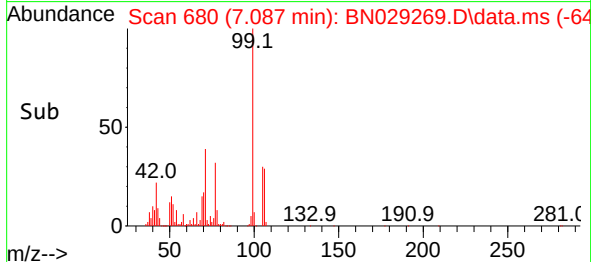
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



Tgt Ion: 77 Resp: 3583
Ion Ratio Lower Upper
77 100
105 91.8 73.3 109.9
106 89.8 72.5 108.7

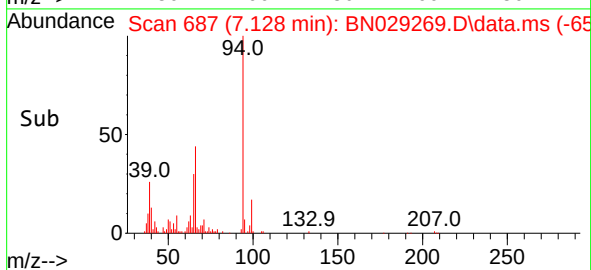
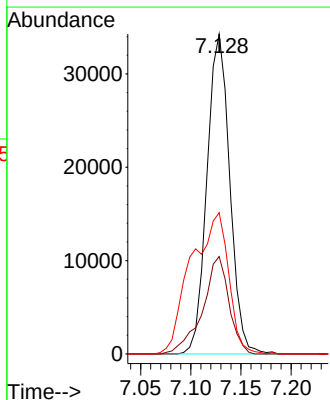
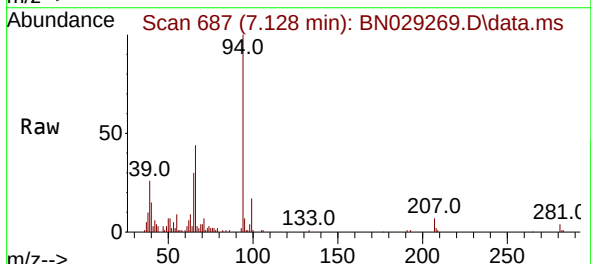
Manual Integrations
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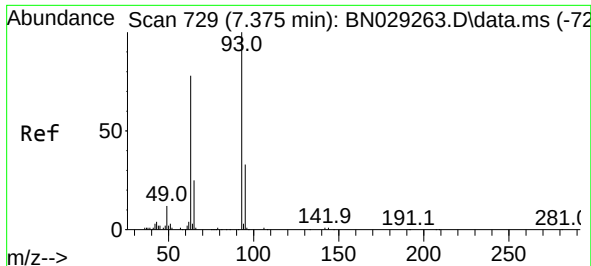
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#8
Phenol
Concen: 4.053 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

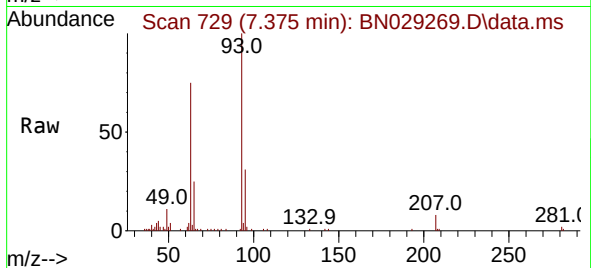
Tgt Ion: 94 Resp: 54279
Ion Ratio Lower Upper
94 100
65 30.5 25.6 38.4
66 44.2 33.8 50.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.238 ng/ul
RT: 7.375 min Scan# 71
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

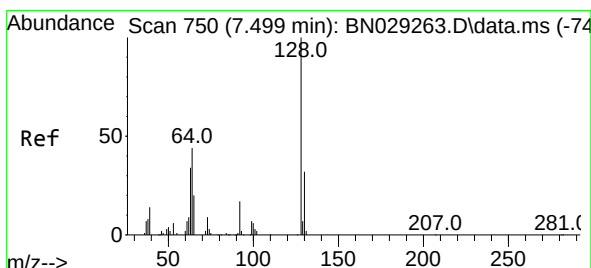
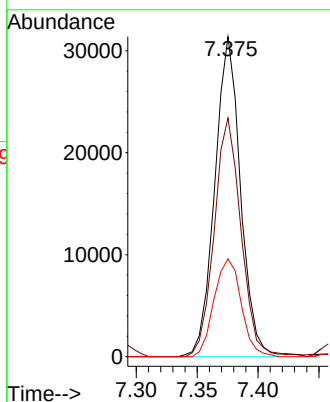
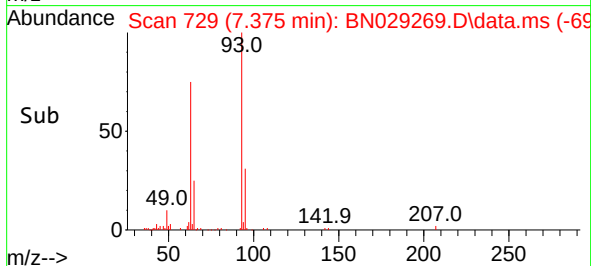
Instrument :
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Tgt Ion: 93 Resp: 46064
Ion Ratio Lower Upper
93 100
63 74.6 60.6 91.0
95 30.5 26.1 39.1

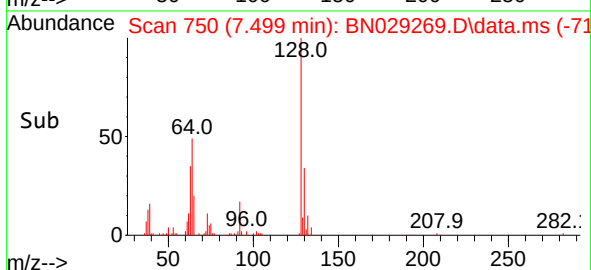
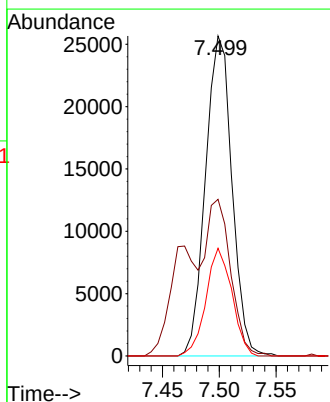
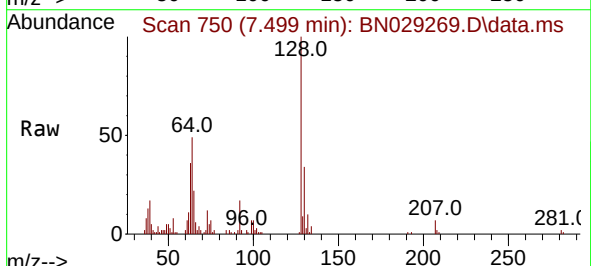
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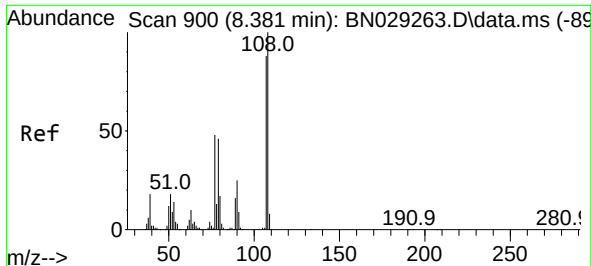
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#12
2-Chlorophenol
Concen: 4.297 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

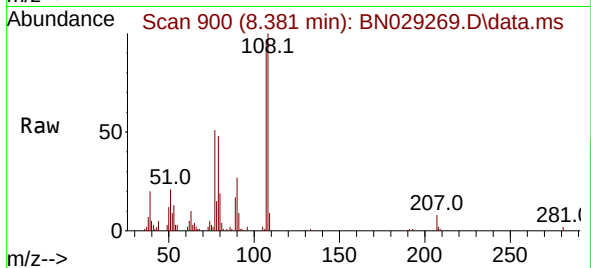
Tgt Ion:128 Resp: 41686
Ion Ratio Lower Upper
128 100
64 49.0 38.6 57.8
130 33.7 25.5 38.3





#13
2-Methylphenol
Concen: 3.776 ng/ul
RT: 8.381 min Scan# 900
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

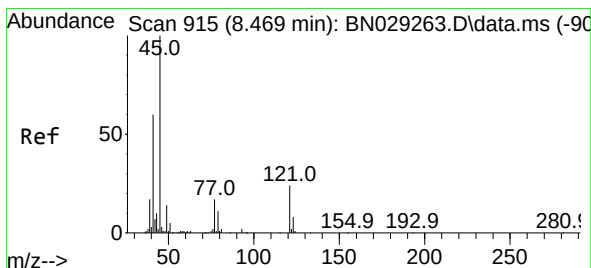
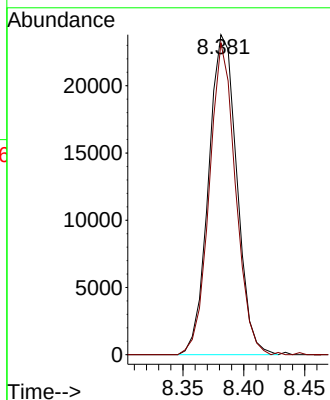
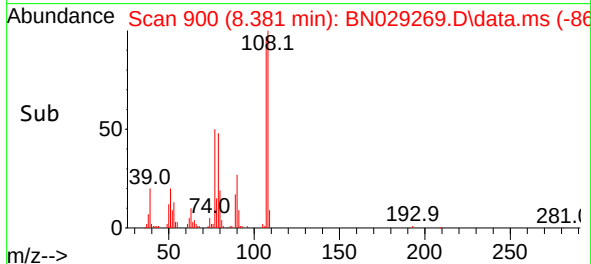
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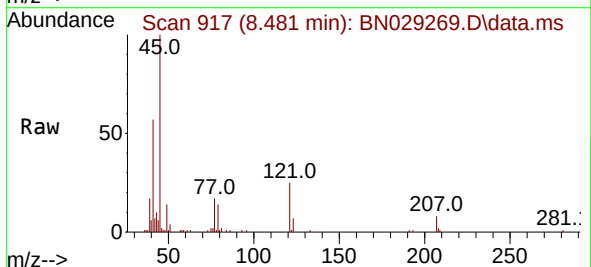
Tgt Ion: 108 Resp: 38514
Ion Ratio Lower Upper
108 100
107 97.4 69.2 103.8

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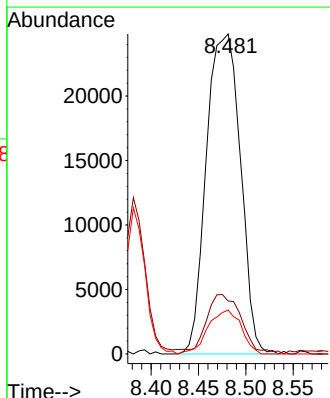
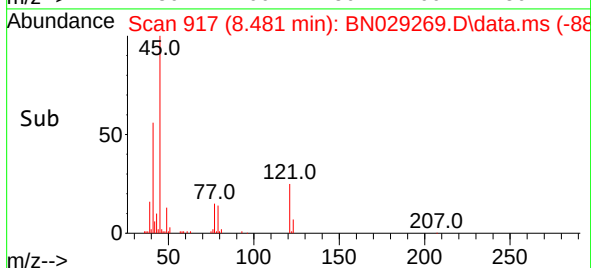
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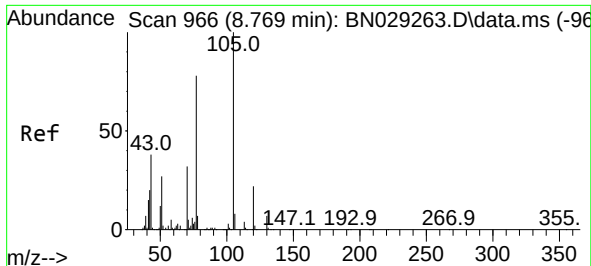


#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.475 ng/ul
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24



Tgt Ion: 45 Resp: 62193
Ion Ratio Lower Upper
45 100
77 16.5 13.1 19.7
79 13.7 10.0 15.0





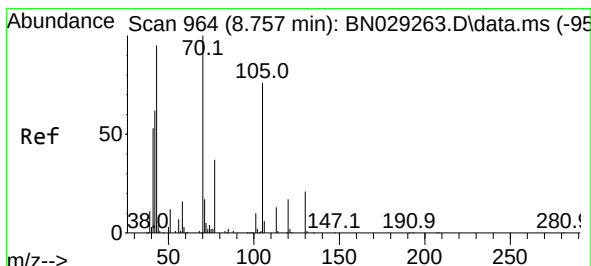
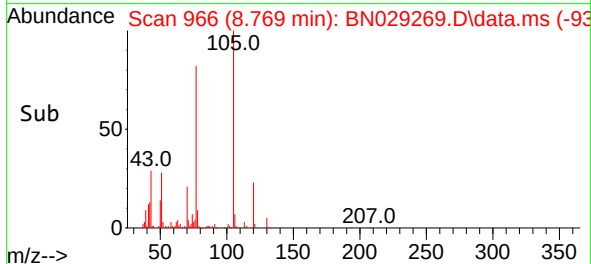
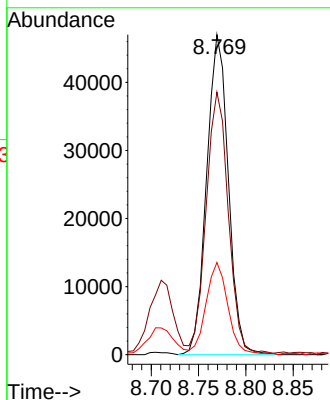
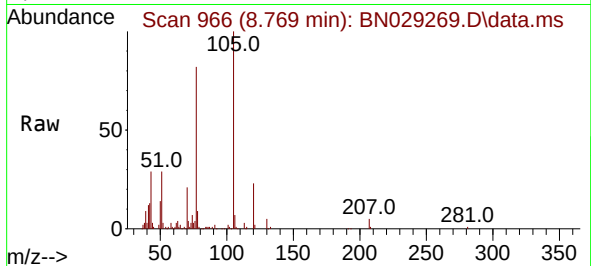
#16
Acetophenone
Concen: 4.160 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.005 min
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Tgt Ion: 105 Resp: 7488
Ion Ratio Lower Upper
105 100
77 82.0 65.8 98.6
51 28.8 21.8 32.6

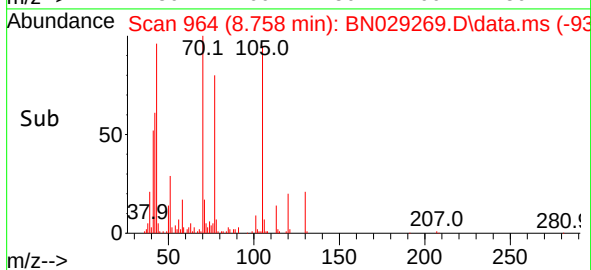
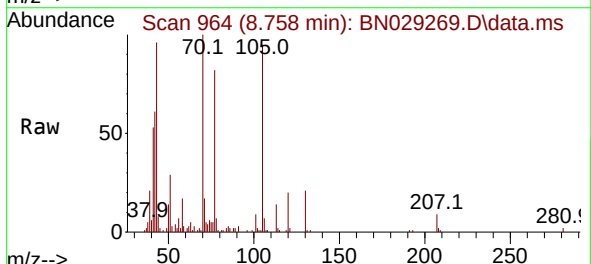
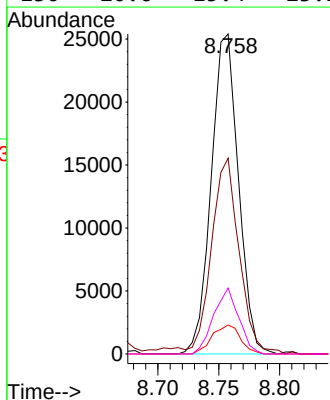
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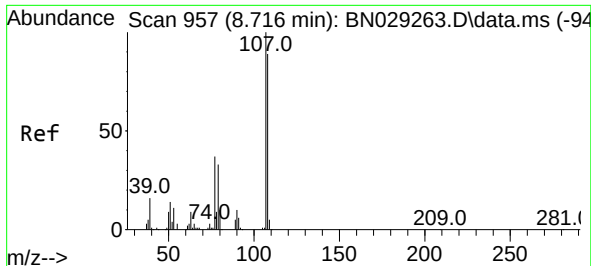
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.175 ng/ul
RT: 8.758 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

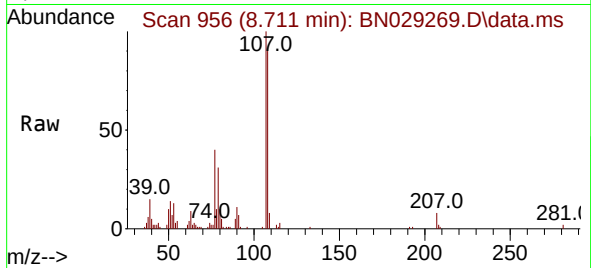
Tgt Ion: 70 Resp: 39547
Ion Ratio Lower Upper
70 100
42 61.1 48.3 72.5
101 9.1 7.1 10.7
130 20.6 15.4 23.2





#18
4-Methylphenol
Concen: 4.062 ng/ul
RT: 8.711 min Scan# 91
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

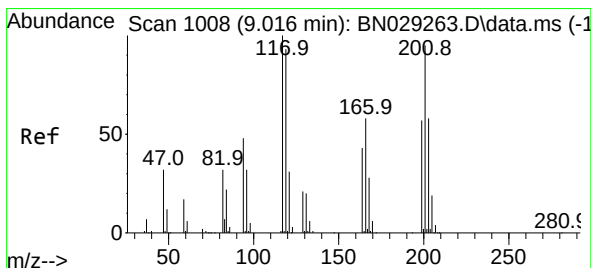
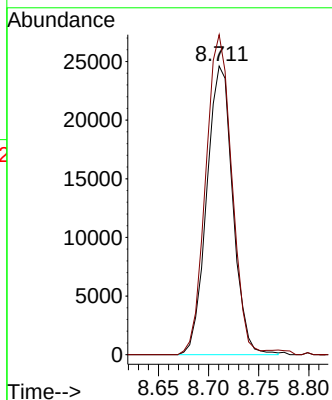
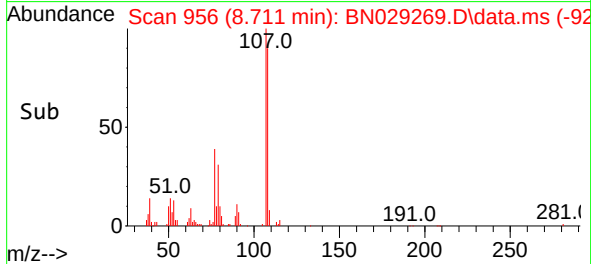
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



Tgt Ion:108 Resp: 44592
Ion Ratio Lower Upper
108 100
107 110.9 92.5 138.7

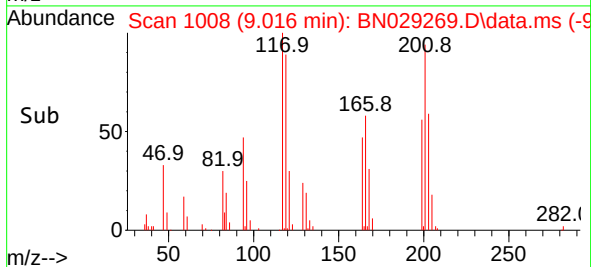
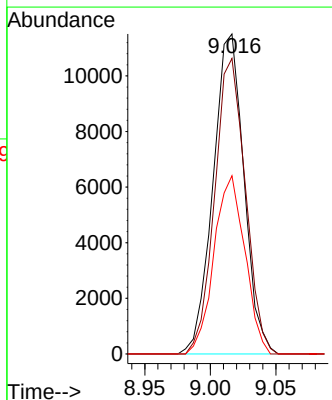
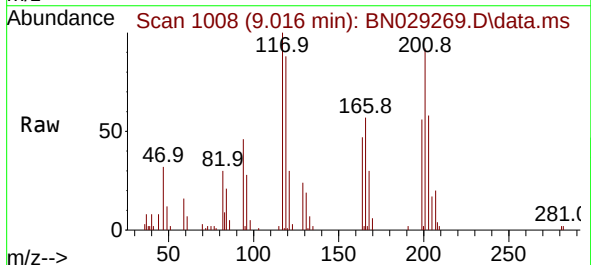
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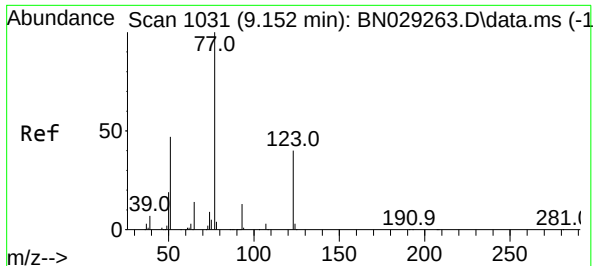
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#19
Hexachloroethane
Concen: 4.279 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

Tgt Ion:117 Resp: 18846
Ion Ratio Lower Upper
117 100
201 92.4 70.6 106.0
199 55.7 47.9 71.9





#22

Nitrobenzene

Concen: 4.758 ng/ul

RT: 9.152 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BN029269.D

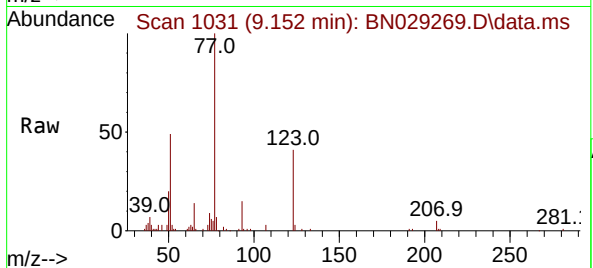
Acq: 17 Jan 2024 13:24

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2023-06

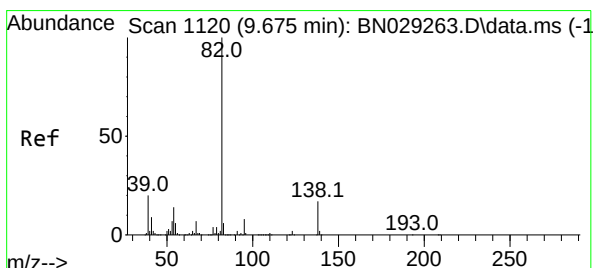
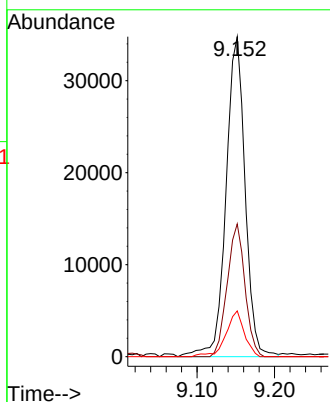
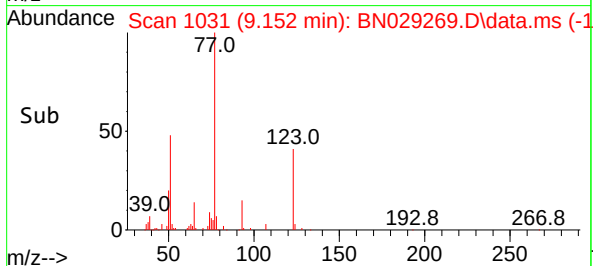


Tgt Ion: 77	Resp: 5969
Ion Ratio	Lower Upper
77 100	
123 41.5	31.4 47.0
65 14.3	10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#23

Isophorone

Concen: 3.987 ng/ul

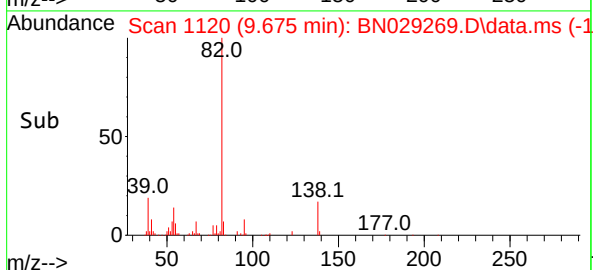
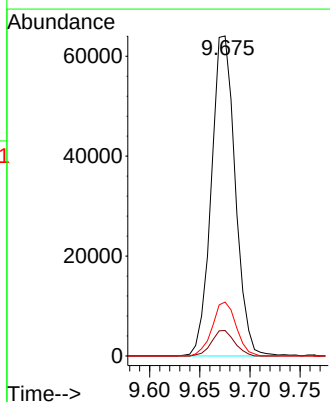
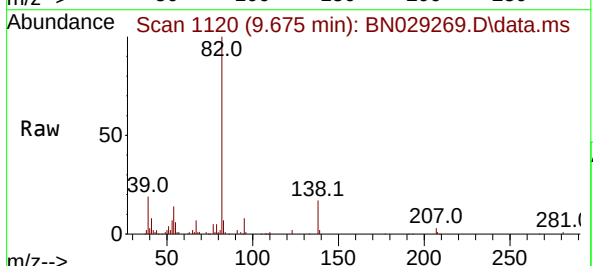
RT: 9.675 min Scan# 1120

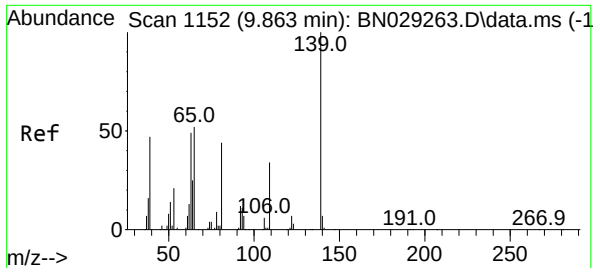
Delta R.T. 0.000 min

Lab File: BN029269.D

Acq: 17 Jan 2024 13:24

Tgt Ion: 82	Resp: 106310
Ion Ratio	Lower Upper
82 100	
95 7.9	5.9 8.9
138 16.9	12.9 19.3





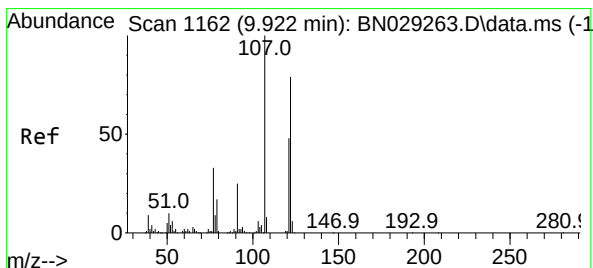
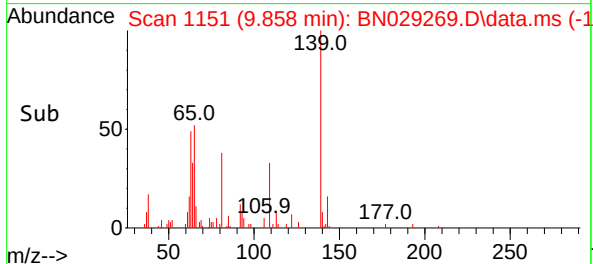
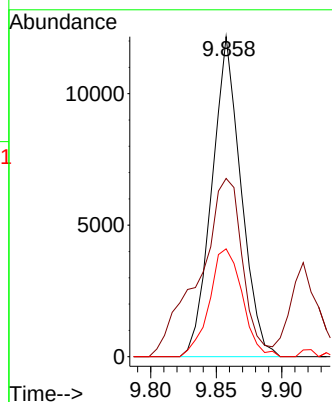
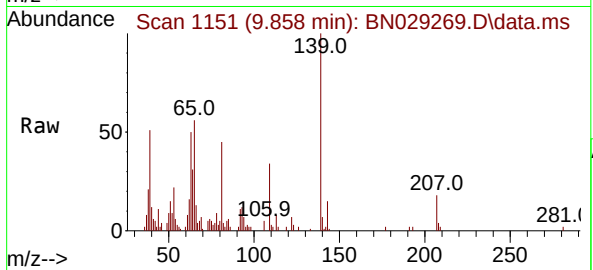
#25
2-Nitrophenol
Concen: 4.265 ng/ul
RT: 9.858 min Scan# 1151
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06

Tgt Ion:139 Resp: 18794
Ion Ratio Lower Upper
139 100
65 55.7 45.5 68.3
109 33.7 28.6 42.8

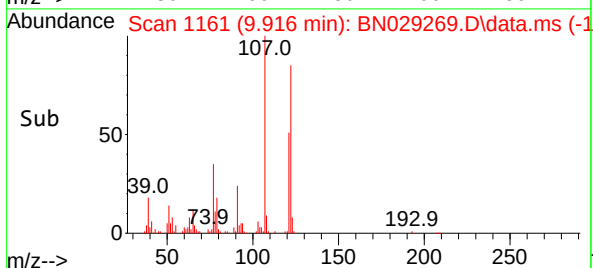
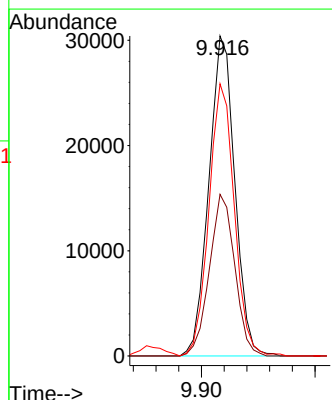
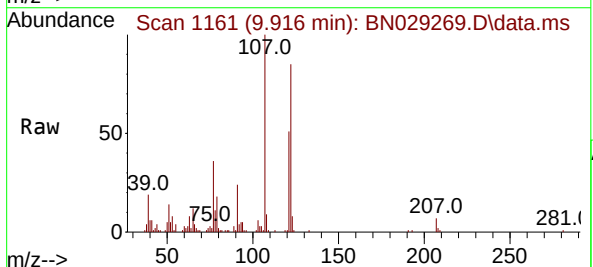
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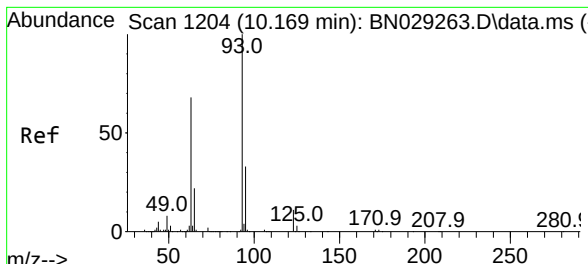
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#26
2,4-Dimethylphenol
Concen: 4.095 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

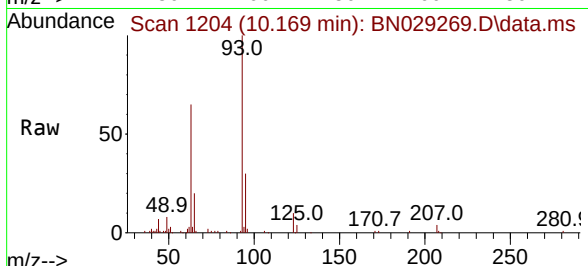
Tgt Ion:107 Resp: 48239
Ion Ratio Lower Upper
107 100
121 50.5 40.1 60.1
122 85.1 68.4 102.6





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.423 ng/ul
 RT: 10.169 min Scan# 1204
 Delta R.T. 0.000 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

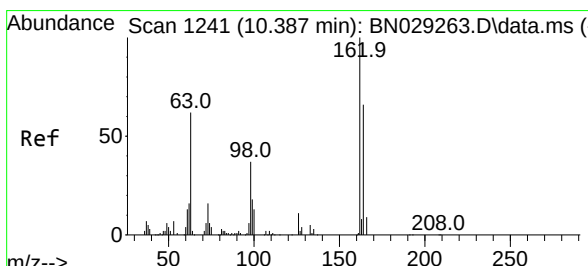
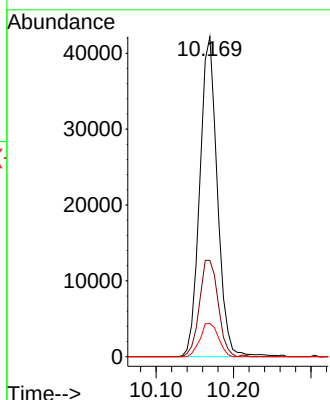
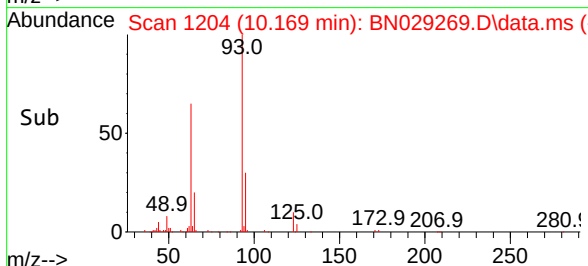
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2023-06



Tgt Ion:	93	Resp:	66384
Ion Ratio	Lower	Upper	
93	100		
95	30.1	25.8	38.8
123	10.3	7.9	11.9

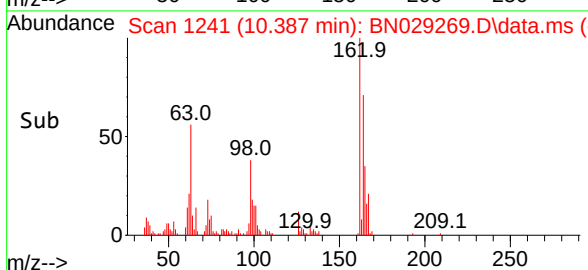
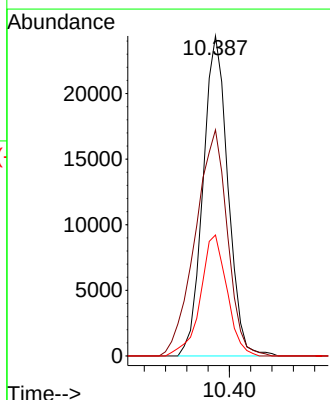
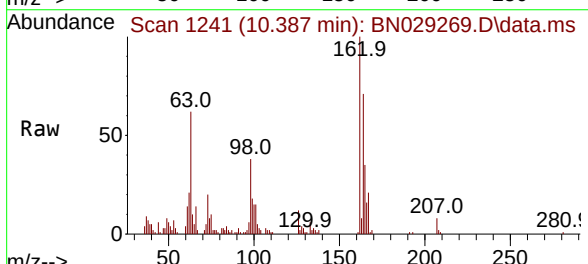
Manual Integrations
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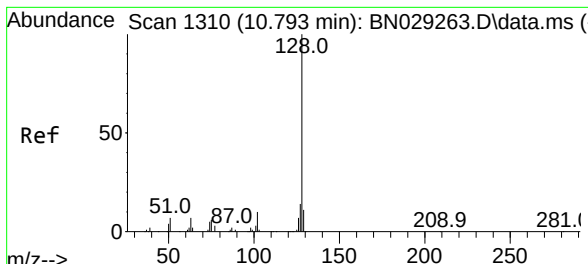
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#29
 2,4-Dichlorophenol
 Concen: 4.303 ng/ul
 RT: 10.387 min Scan# 1241
 Delta R.T. -0.005 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

Tgt Ion:	162	Resp:	39643
Ion Ratio	Lower	Upper	
162	100		
164	70.7	53.6	80.4
98	37.8	30.8	46.2



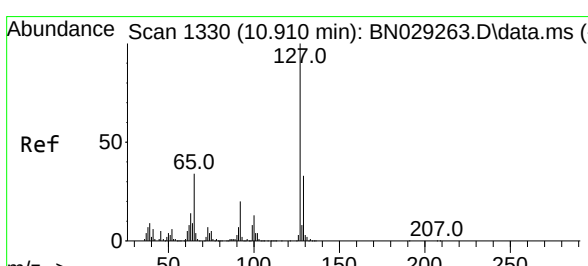
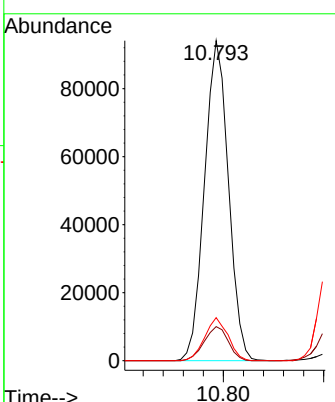
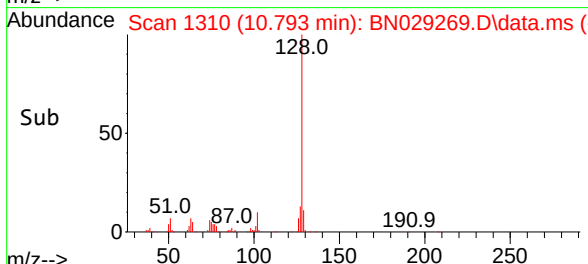
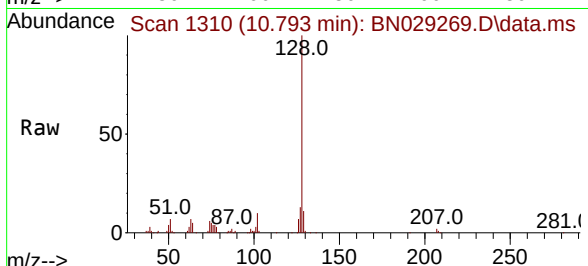


#30
Naphthalene
Concen: 4.363 ng/ul
RT: 10.793 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-06

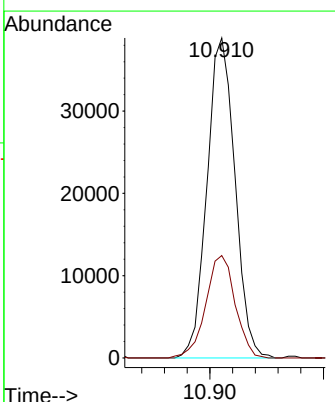
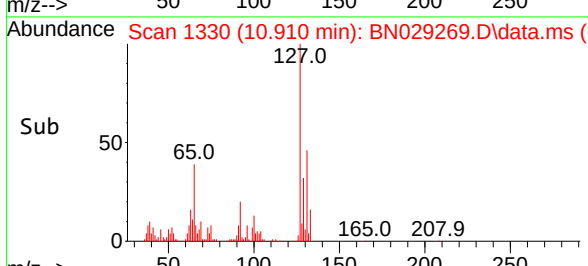
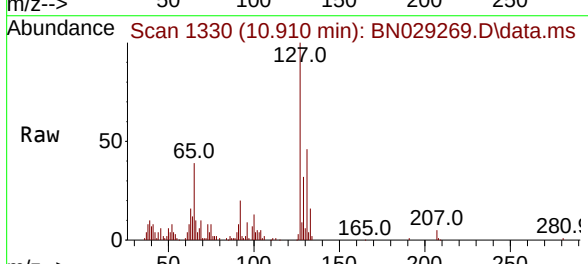
Tgt Ion:	128	Resp:	155604
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.4
127	13.4	10.5	15.7

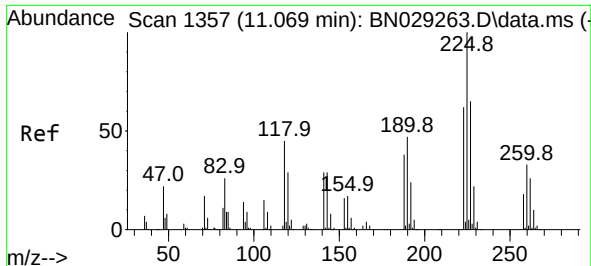
Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#32
4-Chloroaniline
Concen: 4.032 ng/ul
RT: 10.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

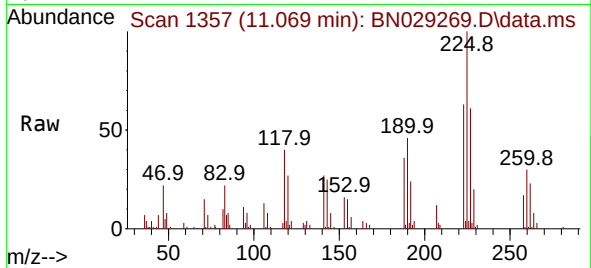
Tgt Ion:	127	Resp:	66499
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.1	39.1





#33
Hexachlorobutadiene
Concen: 4.304 ng/ul
RT: 11.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

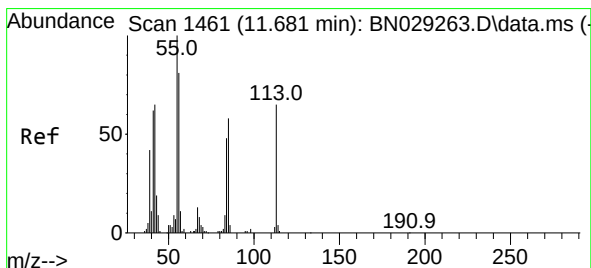
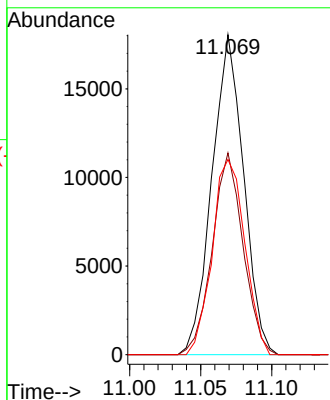
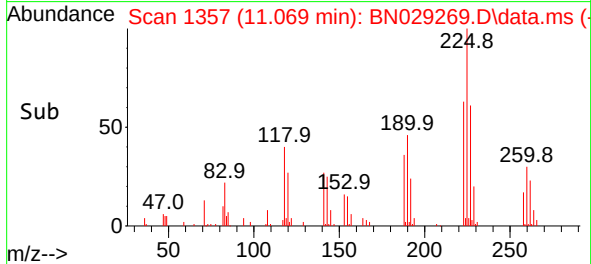
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



Tgt Ion:225 Resp: 27984
Ion Ratio Lower Upper
225 100
223 63.1 48.0 72.0
227 63.6 47.8 71.6

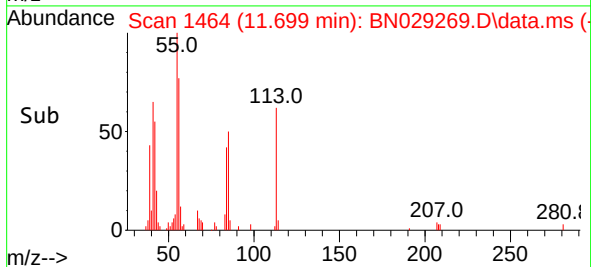
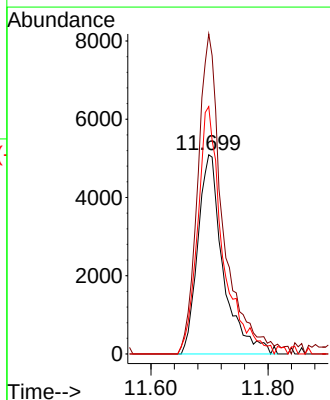
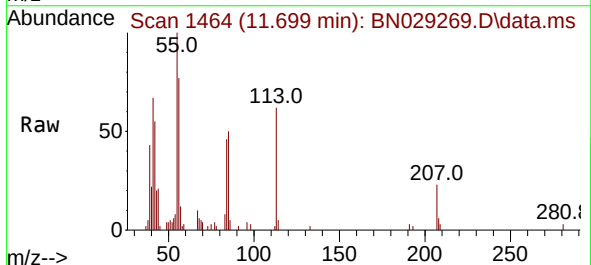
Manual Integrations
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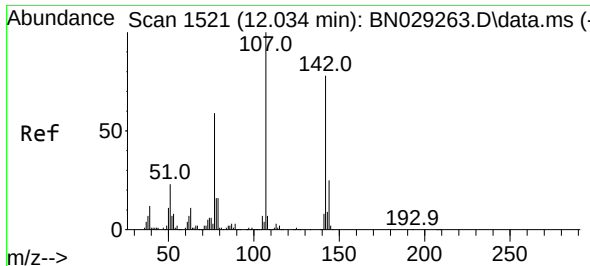
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#34
Caprolactam
Concen: 4.107 ng/ul m
RT: 11.699 min Scan# 1464
Delta R.T. 0.024 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

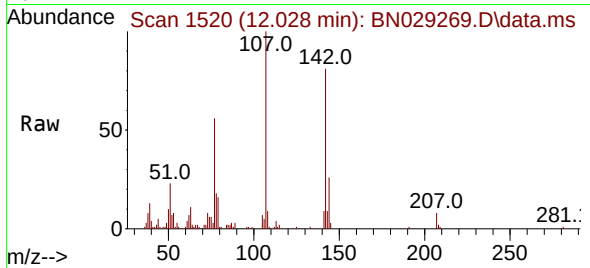
Tgt Ion:113 Resp: 15333
Ion Ratio Lower Upper
113 100
55 160.7 132.9 199.3
56 124.2 96.5 144.7





#35
4-Chloro-3-methylphenol
Concen: 3.962 ng/ul
RT: 12.028 min Scan# 1520
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

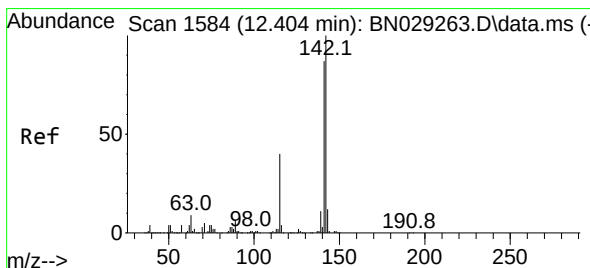
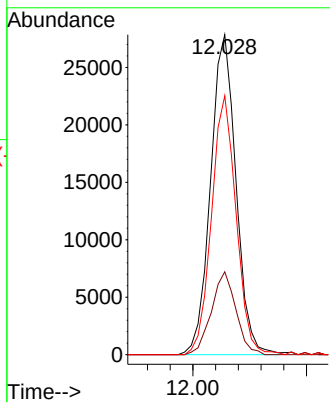
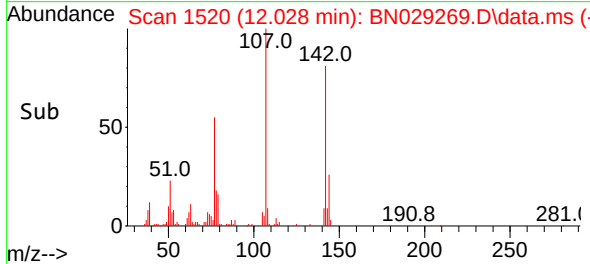
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-06



Tgt Ion:107 Resp: 43300
Ion Ratio Lower Upper
107 100
144 25.9 20.2 30.2
142 80.9 62.6 93.8

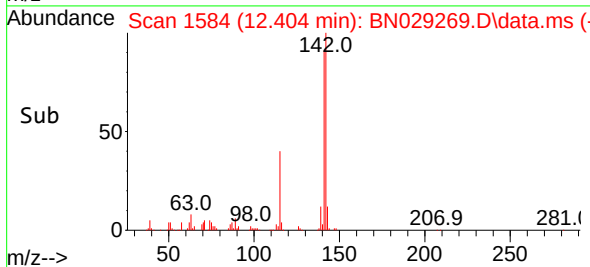
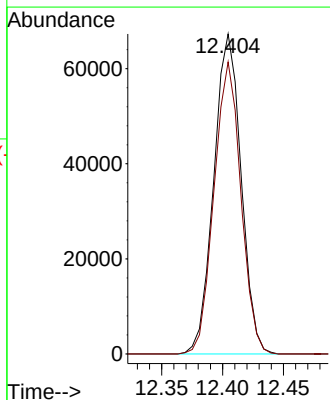
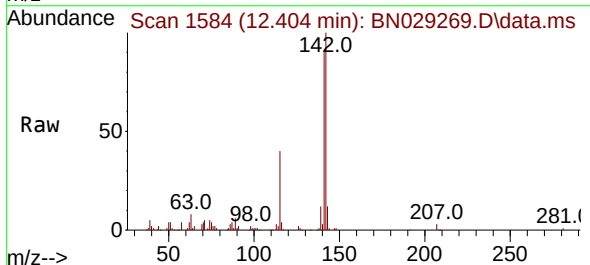
Manual Integrations
APPROVED

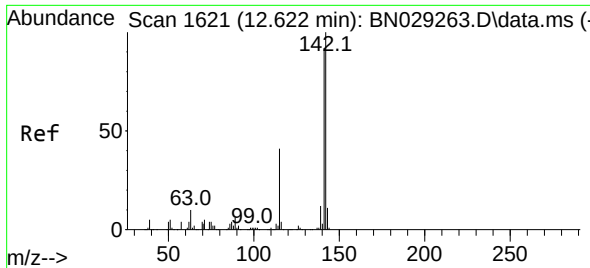
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#36
2-Methylnaphthalene
Concen: 4.214 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

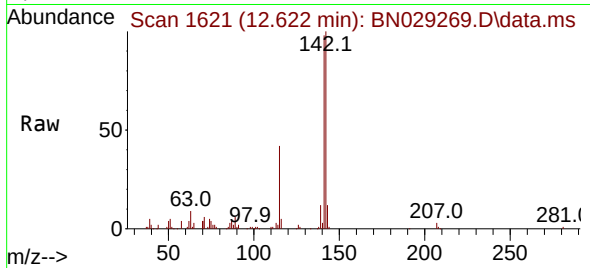
Tgt Ion:142 Resp: 105116
Ion Ratio Lower Upper
142 100
141 91.3 71.0 106.6





#37
1-Methylnaphthalene
Concen: 4.451 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

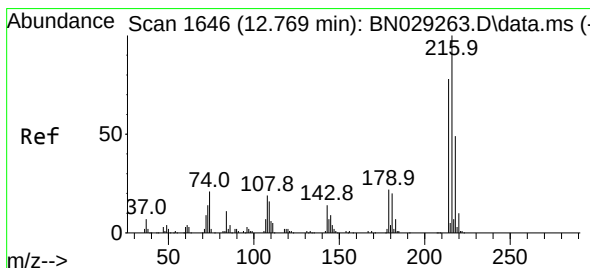
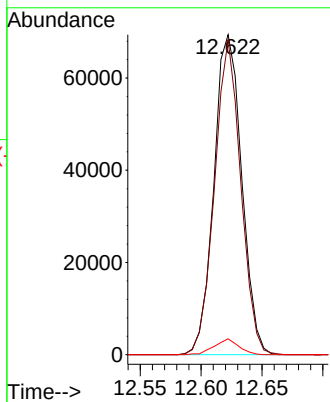
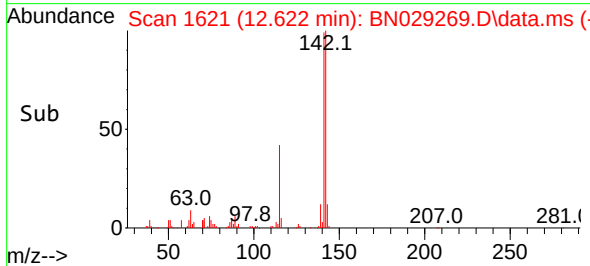
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-06



Tgt Ion:142 Resp: 110160
Ion Ratio Lower Upper
142 100
141 98.5 74.6 112.0
116 4.9 3.6 5.4

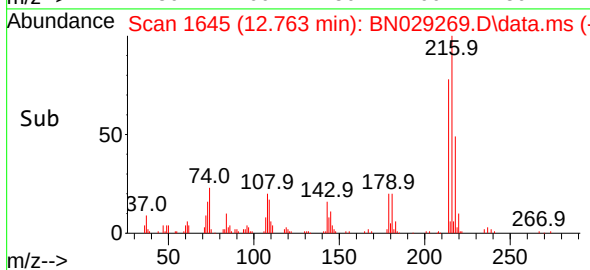
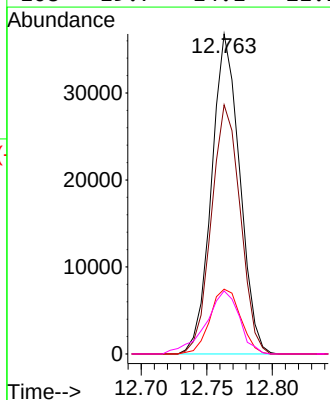
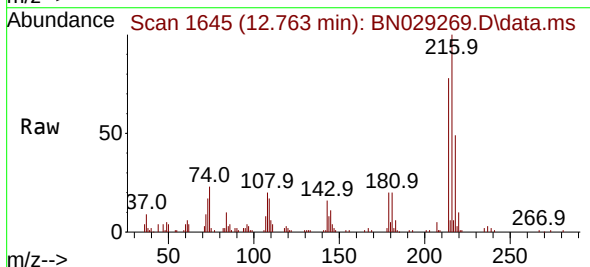
Manual Integrations
APPROVED

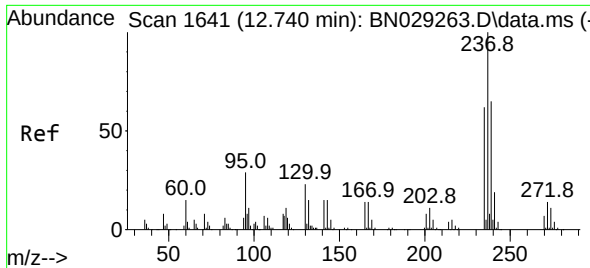
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.149 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

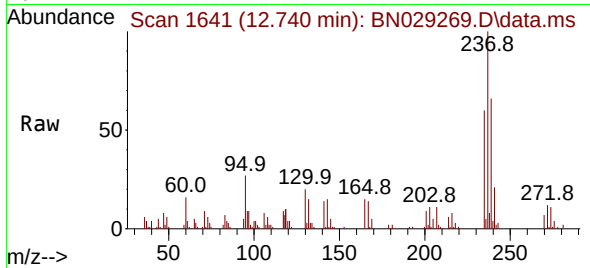
Tgt Ion:216 Resp: 54911
Ion Ratio Lower Upper
216 100
214 77.8 60.3 90.5
179 20.3 17.0 25.4
108 19.7 14.1 21.1





#40
Hexachlorocyclopentadiene
Concen: 4.105 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

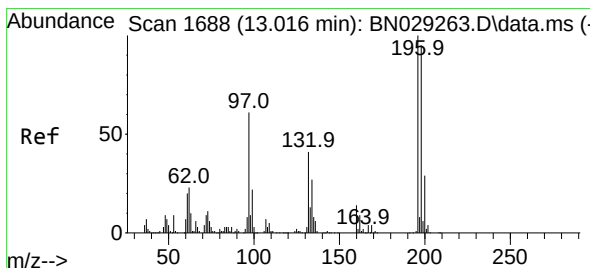
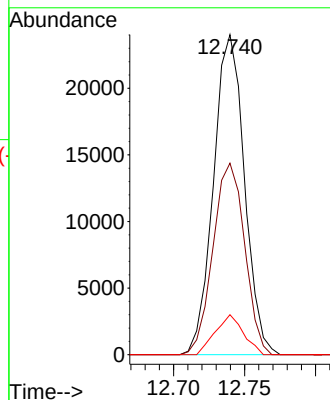
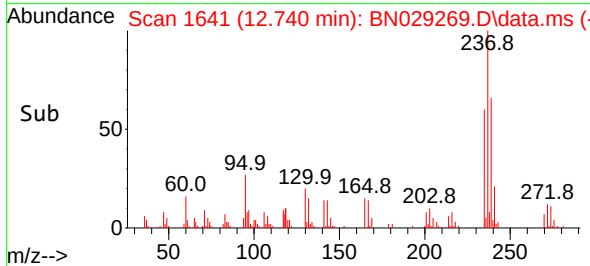
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-06



Tgt Ion:237 Resp: 36379
Ion Ratio Lower Upper
237 100
235 65.2 47.0 70.4
272 13.3 9.3 13.9

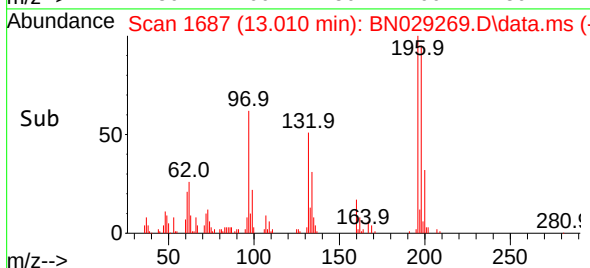
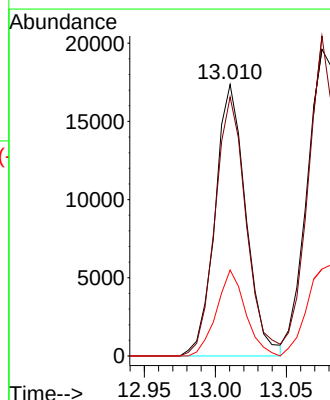
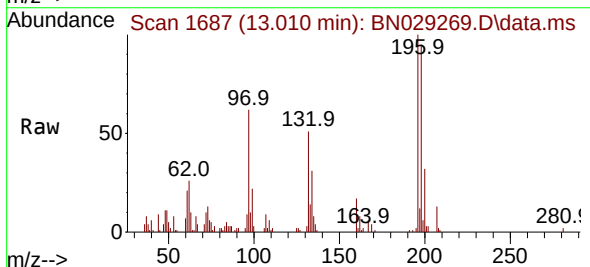
Manual Integrations
APPROVED

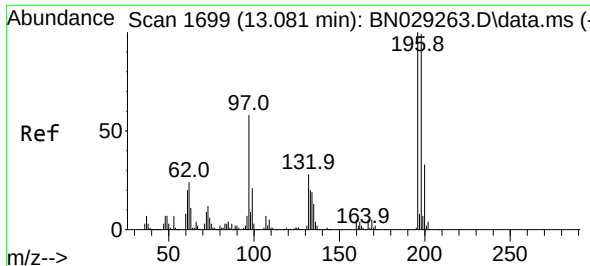
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#41
2,4,6-Trichlorophenol
Concen: 3.566 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

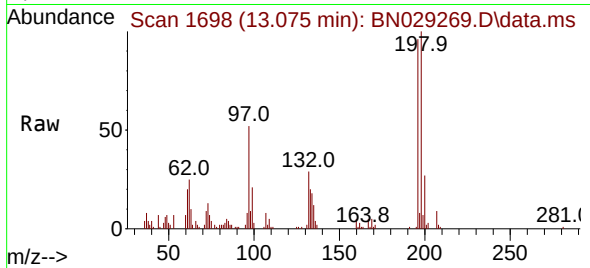
Tgt Ion:196 Resp: 26148
Ion Ratio Lower Upper
196 100
198 95.4 78.6 117.8
200 31.7 23.7 35.5





#42
2,4,5-Trichlorophenol
Concen: 3.856 ng/ul
RT: 13.075 min Scan# 1699
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

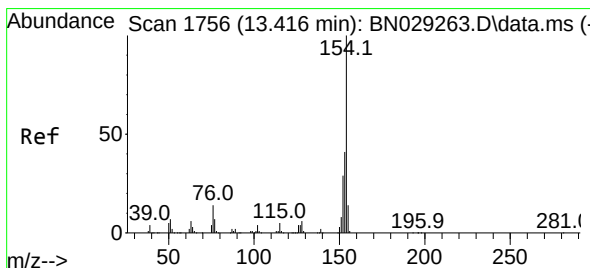
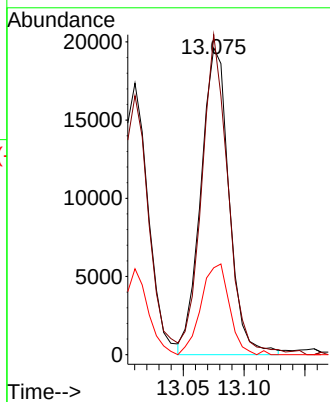
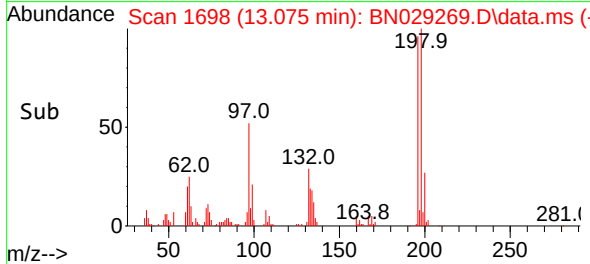
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



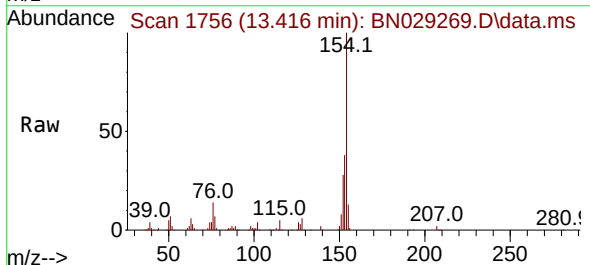
Tgt Ion:196 Resp: 31744
Ion Ratio Lower Upper
196 100
198 104.3 76.5 114.7
200 28.3 23.6 35.4

Manual Integrations
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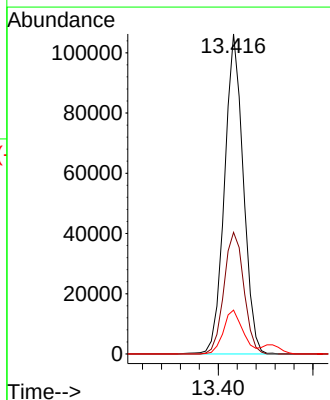
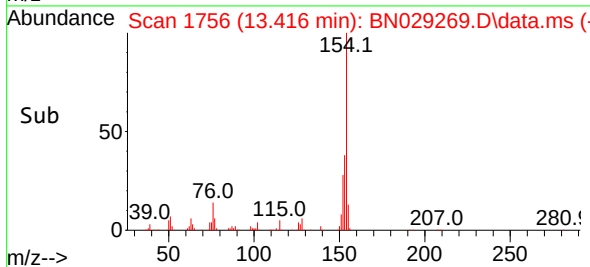
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

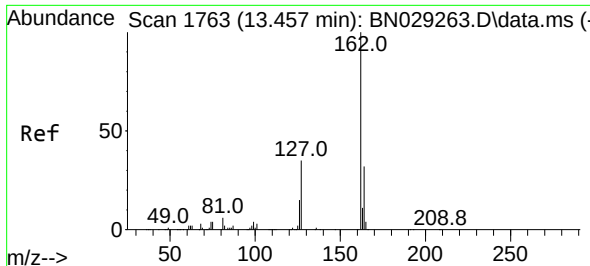


#43
1,1'-Biphenyl
Concen: 4.284 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24



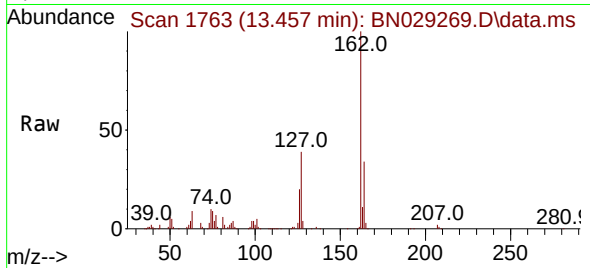
Tgt Ion:154 Resp: 146590
Ion Ratio Lower Upper
154 100
153 38.0 32.4 48.6
76 13.7 10.9 16.3





#44
2-Chloronaphthalene
Concen: 4.254 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

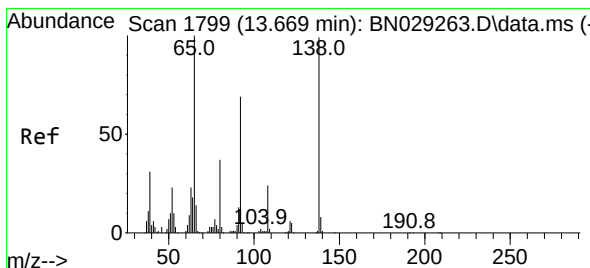
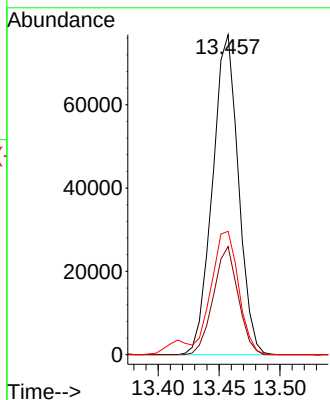
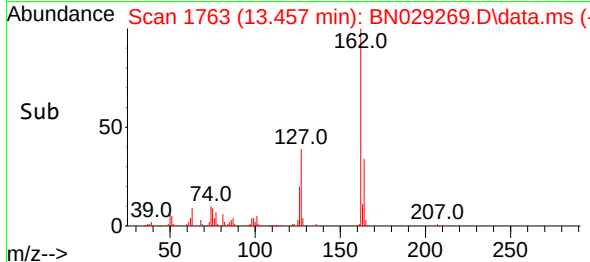
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



Tgt Ion:162 Resp: 113725
Ion Ratio Lower Upper
162 100
164 33.8 27.4 41.2
127 38.6 33.2 49.8

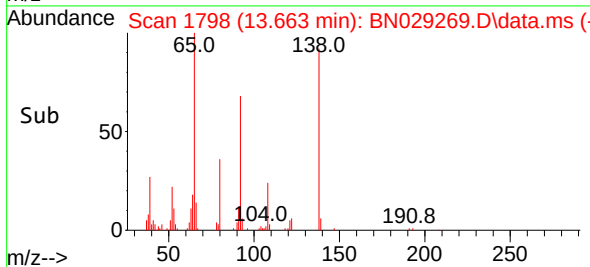
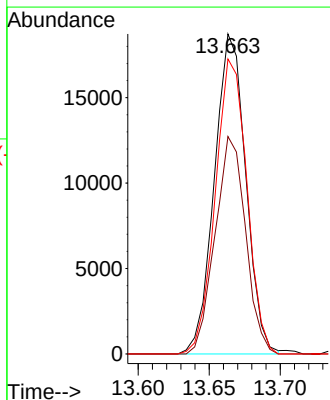
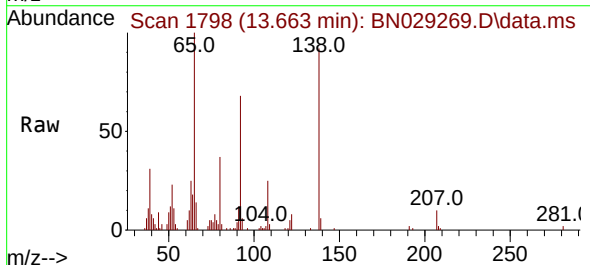
Manual Integrations
APPROVED

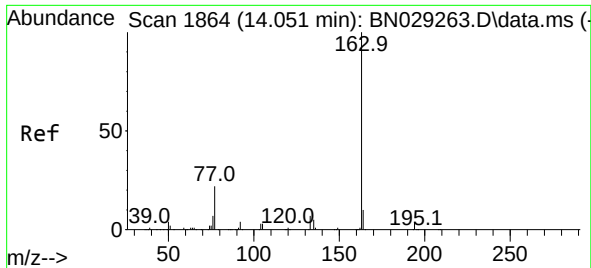
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#45
2-Nitroaniline
Concen: 4.055 ng/ul
RT: 13.663 min Scan# 1798
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

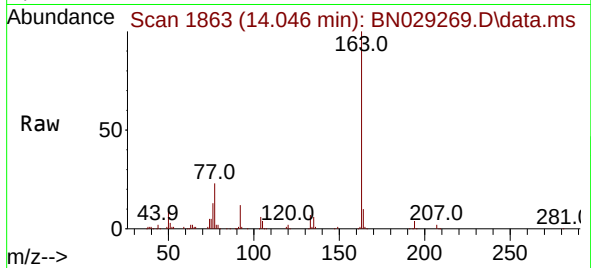
Tgt Ion: 65 Resp: 28734
Ion Ratio Lower Upper
65 100
92 68.0 52.4 78.6
138 92.2 77.8 116.8





#47
Dimethylphthalate
Concen: 4.304 ng/ul
RT: 14.046 min Scan# 1863
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

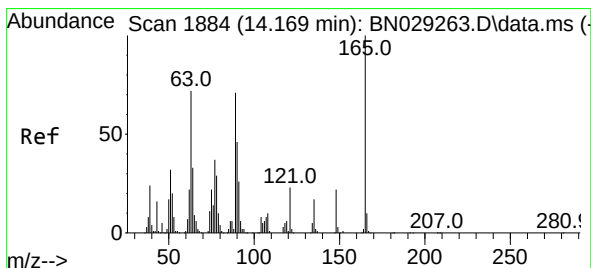
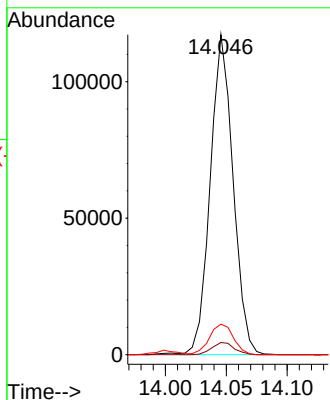
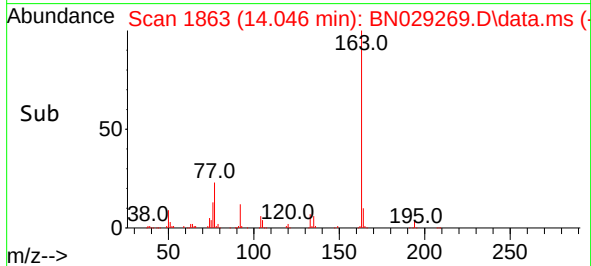
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-06



Tgt Ion:163 Resp: 153190
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.6 8.2 12.4

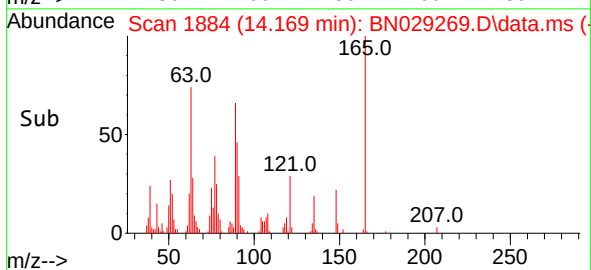
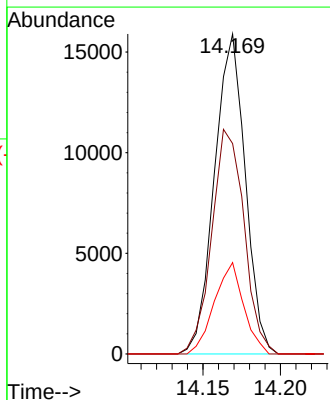
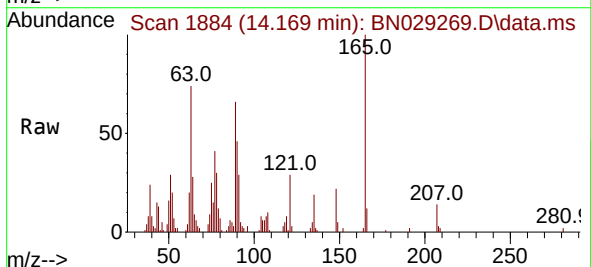
Manual Integrations
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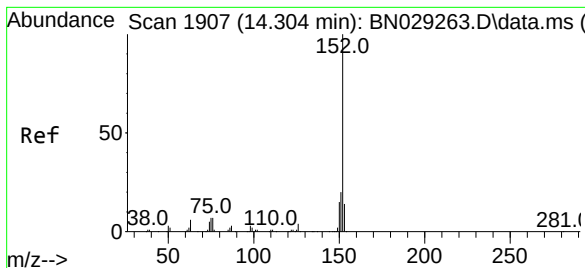
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#48
2,6-Dinitrotoluene
Concen: 3.820 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

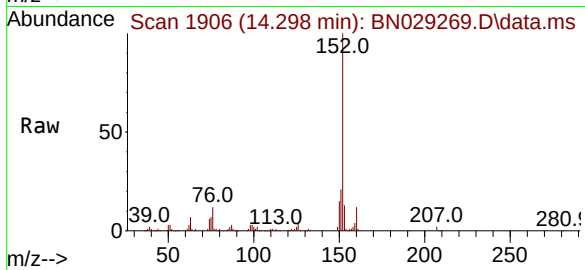
Tgt Ion:165 Resp: 21982
Ion Ratio Lower Upper
165 100
89 65.8 58.6 87.8
121 28.5 20.6 30.8





#50
Acenaphthylene
Concen: 4.193 ng/ul
RT: 14.298 min Scan# 1906
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

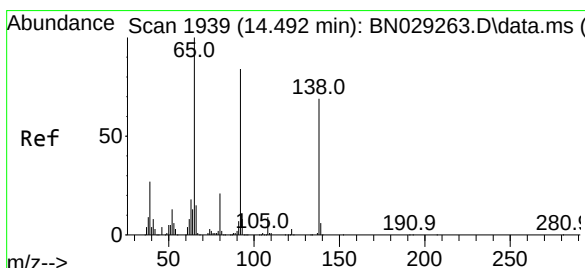
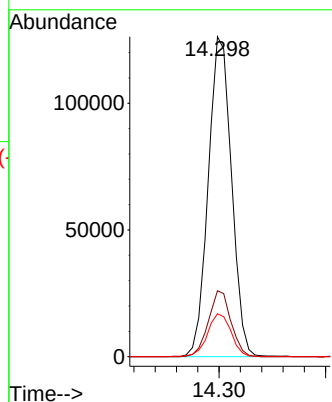
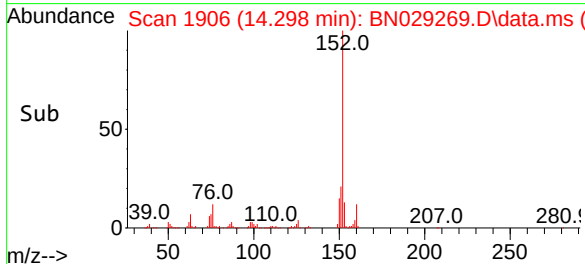
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-06



Tgt Ion:152 Resp: 19151
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.4 10.3 15.5

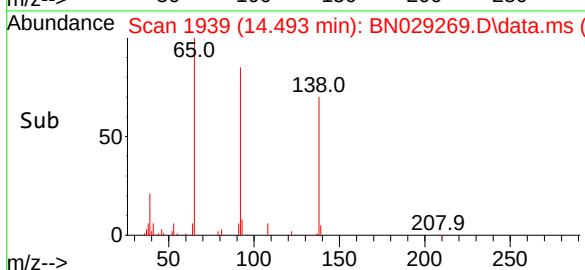
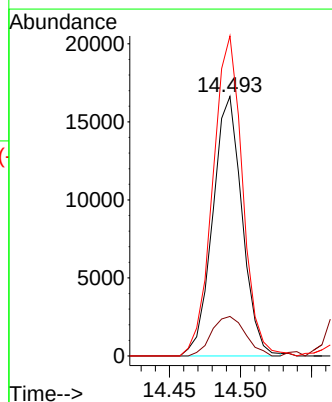
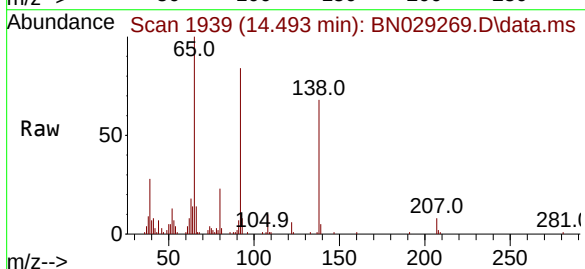
Manual Integrations
APPROVED

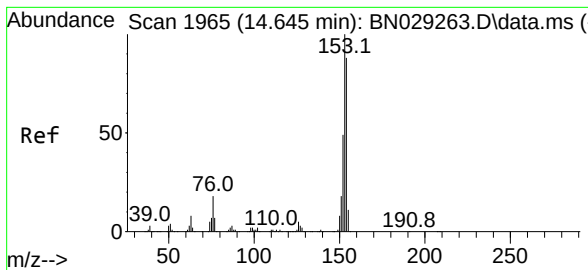
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#51
3-Nitroaniline
Concen: 3.832 ng/ul
RT: 14.493 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

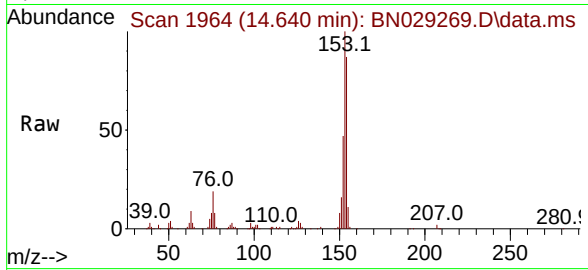
Tgt Ion:138 Resp: 23956
Ion Ratio Lower Upper
138 100
108 15.2 13.4 20.2
92 123.3 101.8 152.6





#52
Acenaphthene
Concen: 4.185 ng/ul
RT: 14.640 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

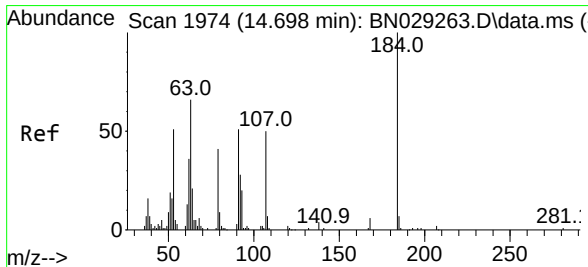
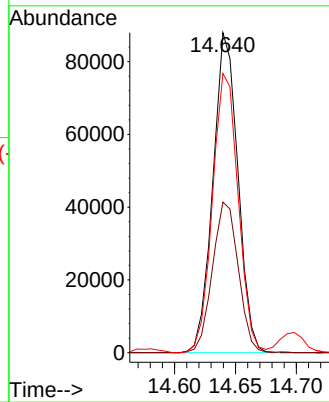
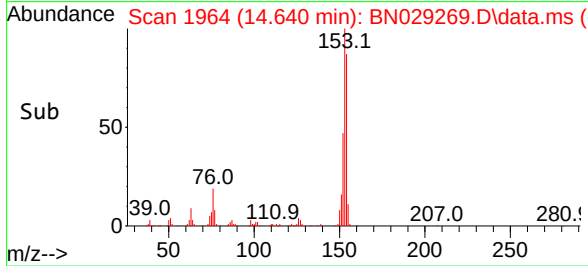
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-06



Tgt Ion:153 Resp: 12547
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.6
154 87.3 70.2 105.2

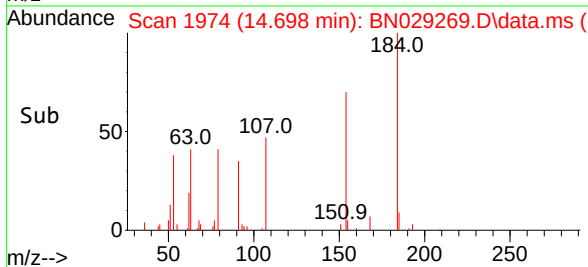
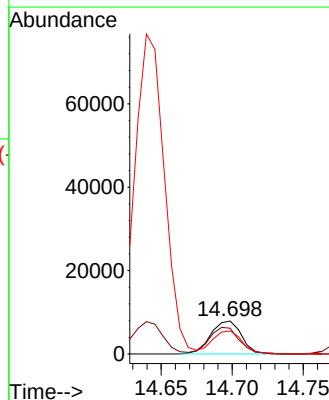
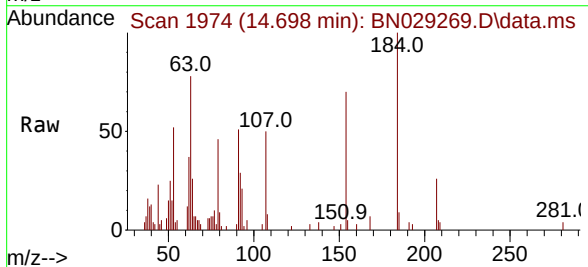
Manual Integrations
APPROVED

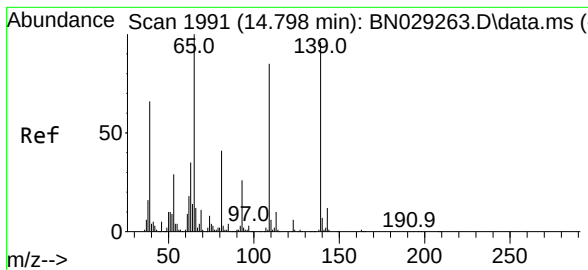
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#53
2,4-Dinitrophenol
Concen: 4.838 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

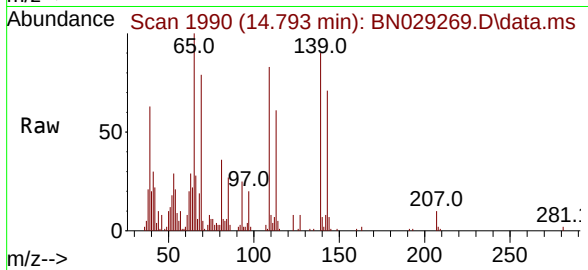
Tgt Ion:184 Resp: 11898
Ion Ratio Lower Upper
184 100
63 78.3 58.8 88.2
154 70.1 54.5 81.7





#55
4-Nitrophenol
Concen: 4.774 ng/ul
RT: 14.793 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

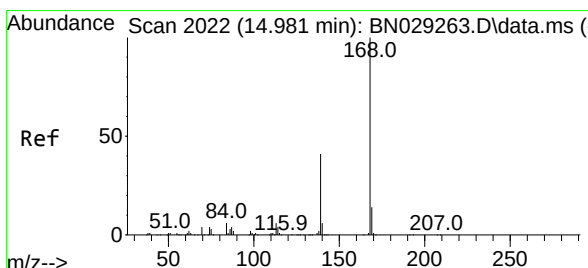
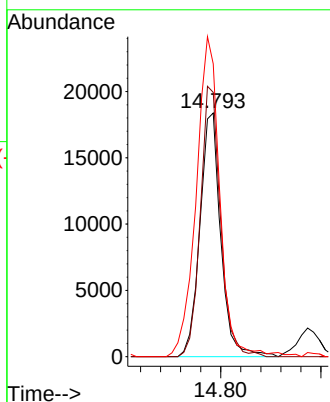
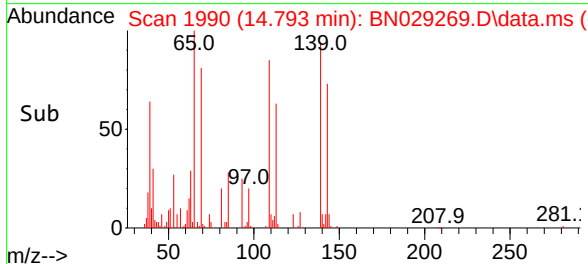
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



Tgt Ion:109 Resp: 26600
Ion Ratio Lower Upper
109 100
139 108.5 91.7 137.5
65 120.2 100.4 150.6

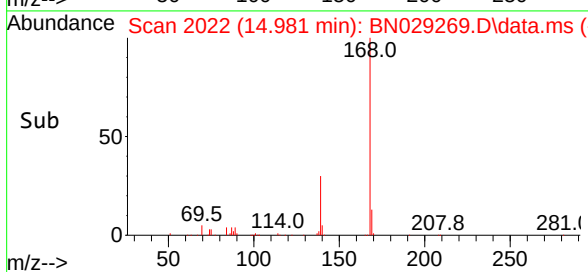
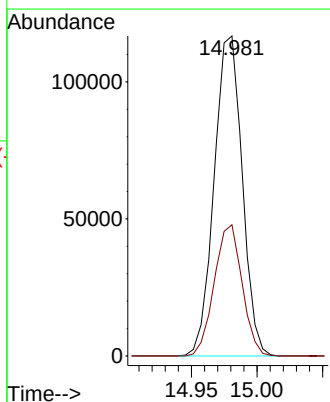
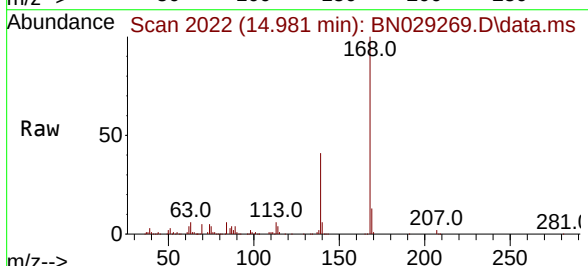
Manual Integrations
APPROVED

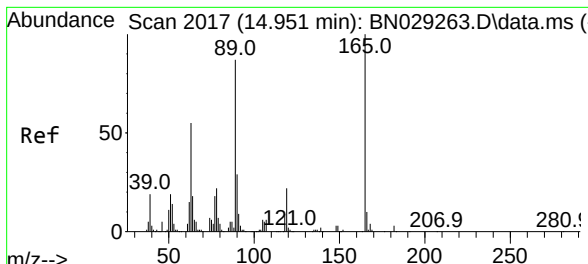
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#56
Dibenzofuran
Concen: 4.278 ng/ul
RT: 14.981 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

Tgt Ion:168 Resp: 173444
Ion Ratio Lower Upper
168 100
139 41.0 32.7 49.1





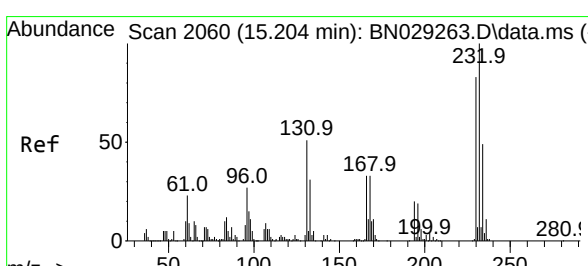
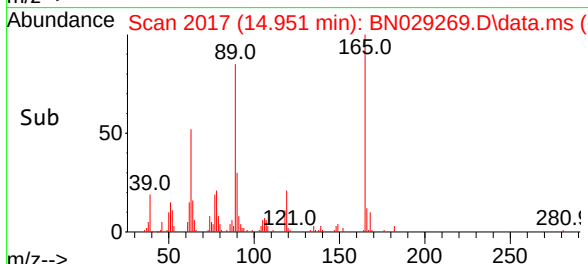
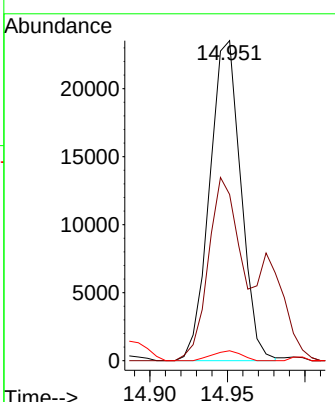
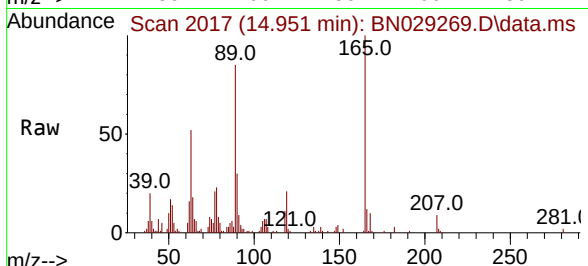
#57
 2,4-Dinitrotoluene
 Concen: 3.915 ng/ul
 RT: 14.951 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2023-06

Tgt Ion:	165	Resp:	3299
Ion Ratio	Lower	Upper	
165	100		
63	51.9	42.0	63.0
182	3.1	2.2	3.4

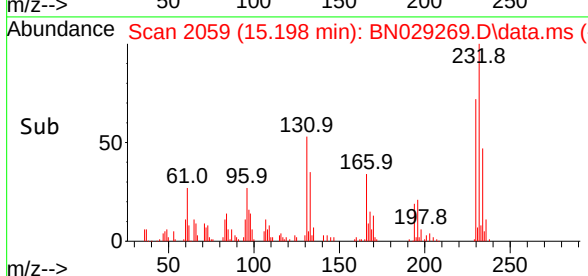
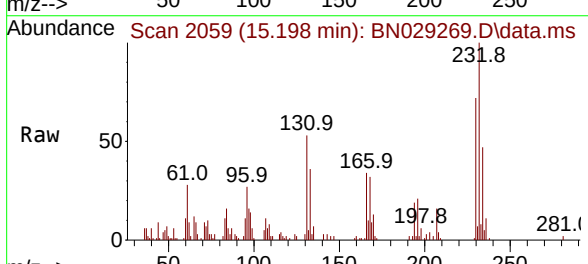
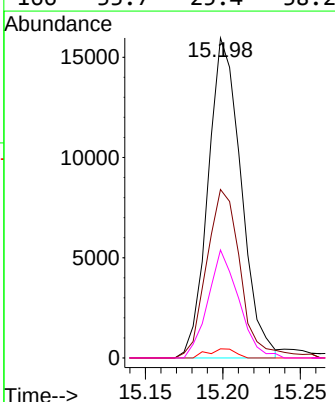
Manual Integrations
 APPROVED

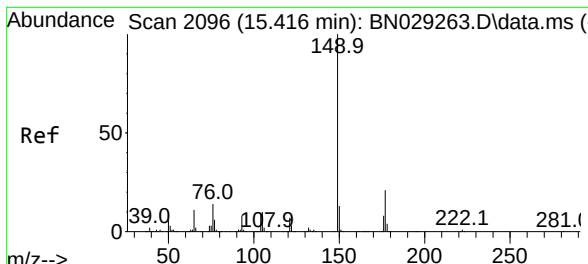
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.480 ng/ul
 RT: 15.198 min Scan# 2059
 Delta R.T. -0.005 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

Tgt Ion:	232	Resp:	23638
Ion Ratio	Lower	Upper	
232	100		
131	52.7	39.7	59.5
130	2.8	2.2	3.4
166	33.7	25.4	38.2





#59
Diethylphthalate
 Concen: 4.064 ng/ul
 RT: 15.416 min Scan# 2096
 Delta R.T. 0.000 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

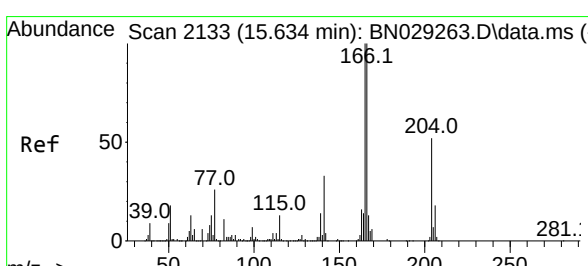
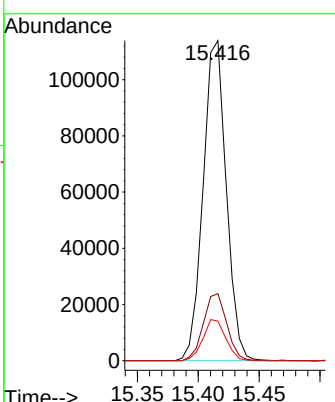
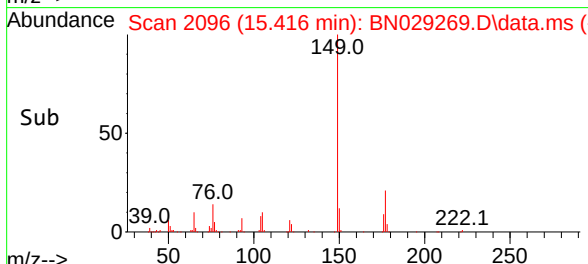
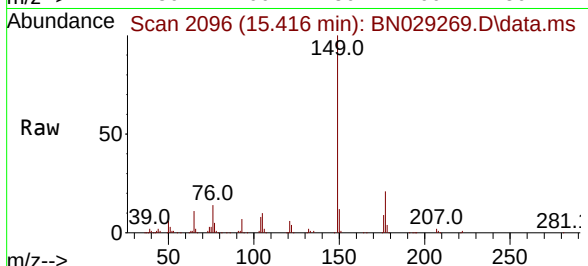
Instrument :
 BNA_N
ClientSampleId :
 MDL-SOIL-QT3-2023-06

Tgt Ion:149 Resp: 150889

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.7	26.5
150	12.3	10.3	15.5

Manual Integrations
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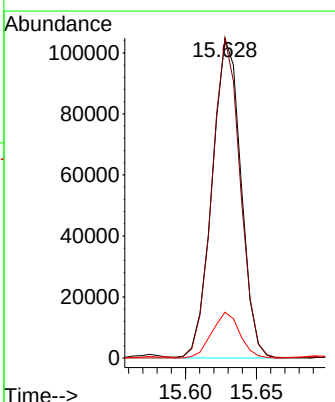
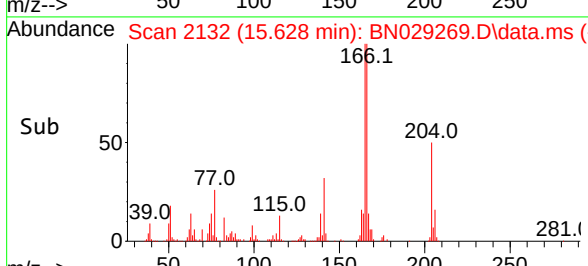
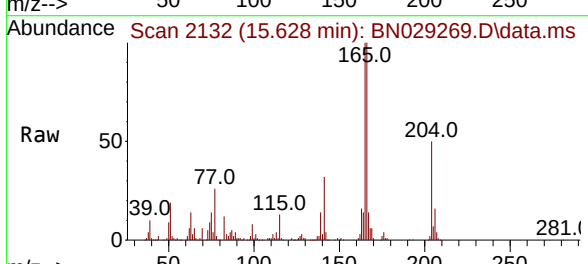
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

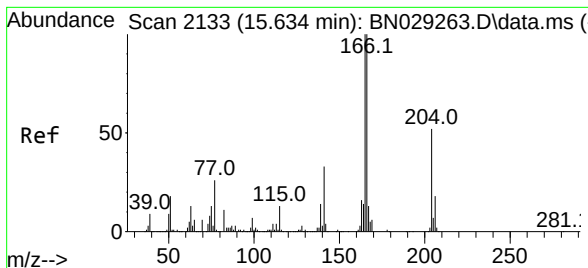


#61
Fluorene
 Concen: 4.198 ng/ul
 RT: 15.628 min Scan# 2132
 Delta R.T. -0.005 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

Tgt Ion:166 Resp: 147396

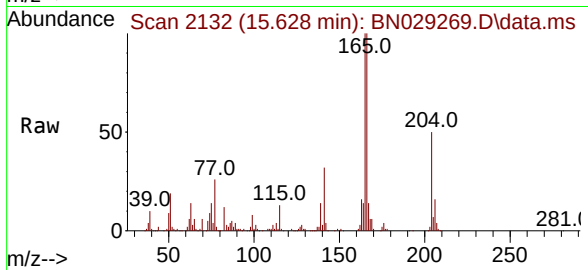
Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.0	118.6
167	14.3	10.7	16.1





#62
4-Chlorophenyl-phenylether
Concen: 4.218 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

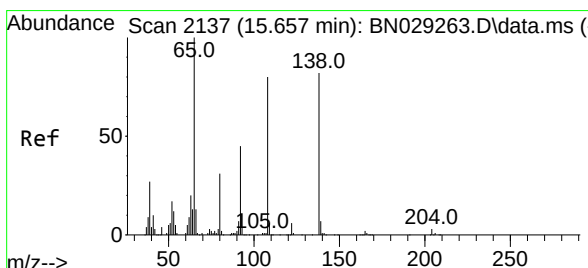
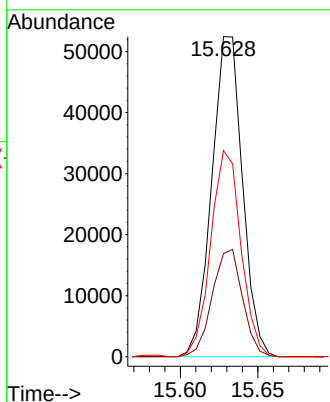
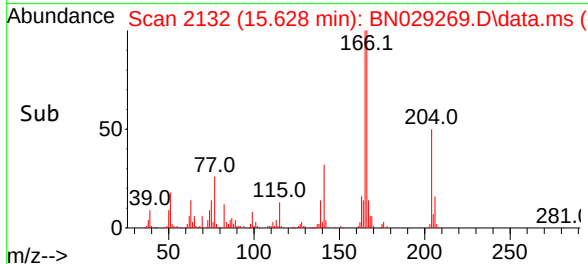
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



Tgt Ion:204 Resp: 72372
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 64.4 48.6 72.8

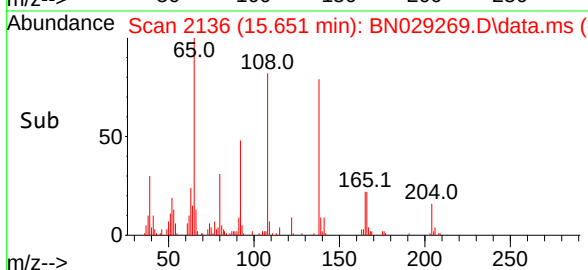
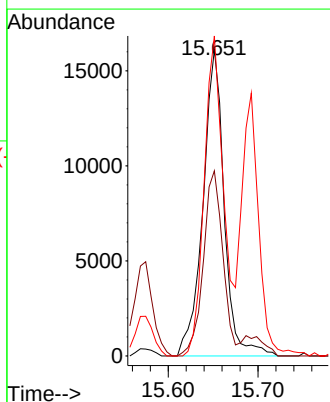
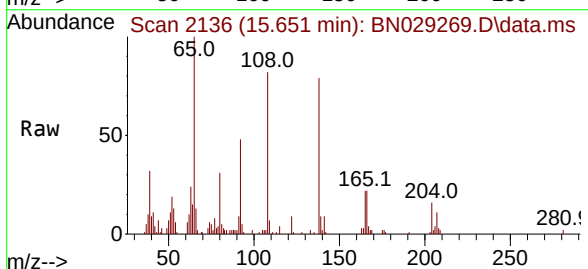
Manual Integrations
APPROVED

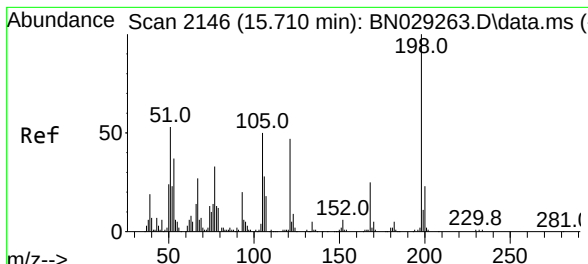
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#63
4-Nitroaniline
Concen: 4.301 ng/ul m
RT: 15.651 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

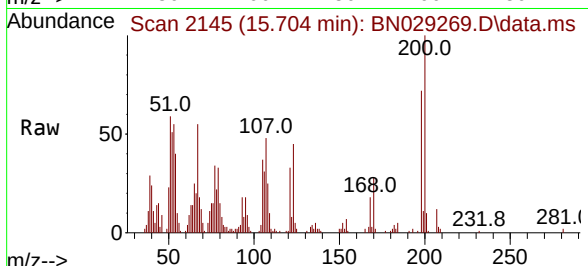
Tgt Ion:138 Resp: 26476
Ion Ratio Lower Upper
138 100
92 60.4 44.5 66.7
108 104.5 79.8 119.8





#66
4,6-Dinitro-2-methylphenol
Concen: 3.927 ng/ul
RT: 15.704 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

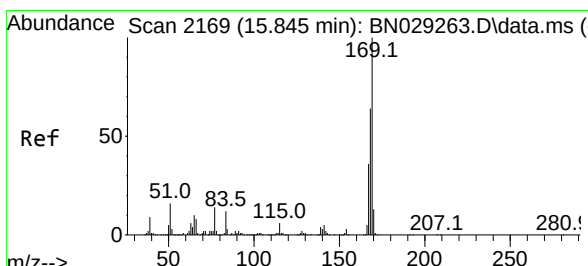
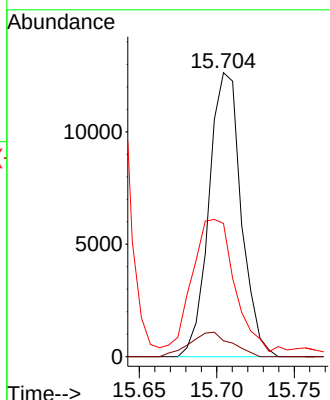
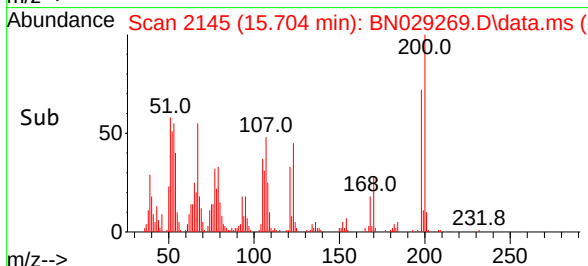
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-06



Tgt Ion:198 Resp: 18270
Ion Ratio Lower Upper
198 100
182 5.6 4.0 6.0
77 46.9 24.7 37.1

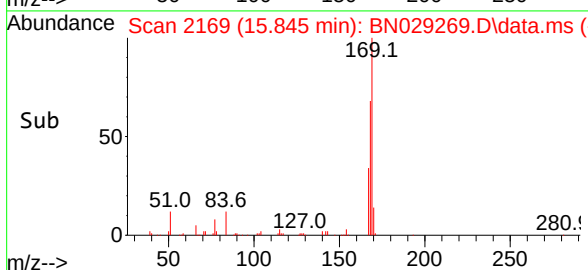
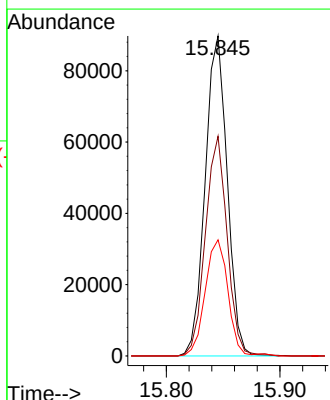
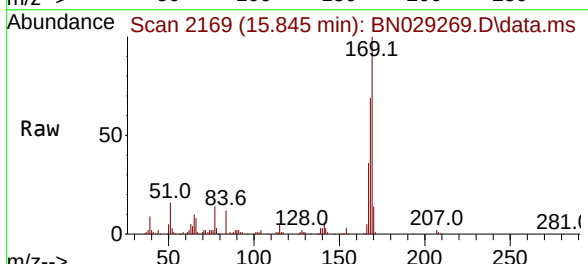
Manual Integrations
APPROVED

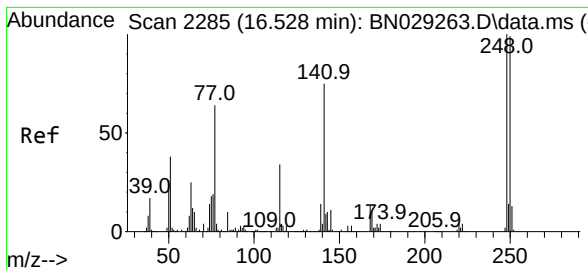
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#67
N-Nitrosodiphenylamine
Concen: 4.163 ng/ul
RT: 15.845 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

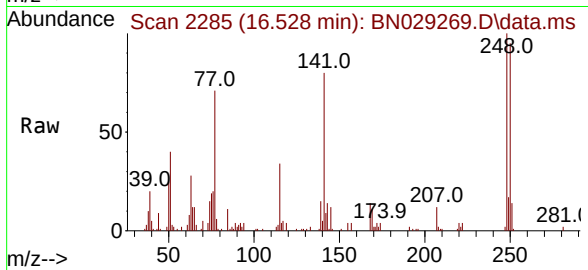
Tgt Ion:169 Resp: 121318
Ion Ratio Lower Upper
169 100
168 68.6 55.1 82.7
167 36.3 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 2.912 ng/ul
RT: 16.528 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

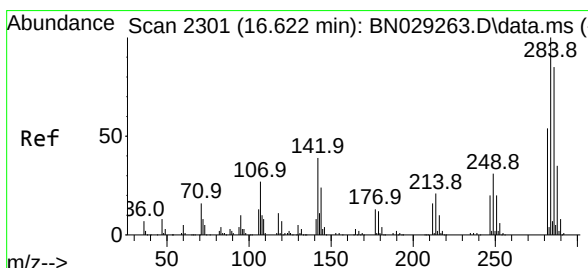
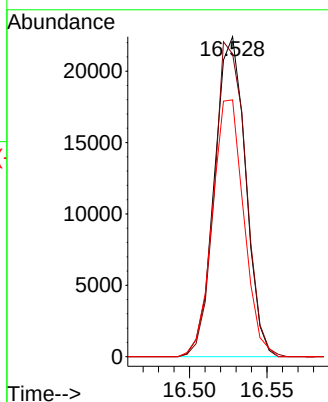
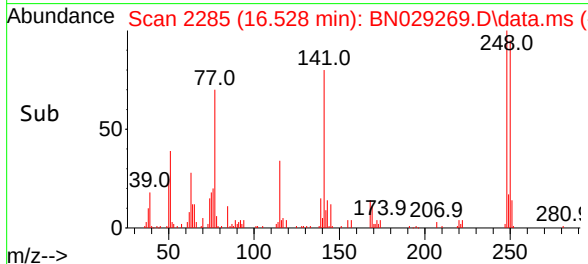
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



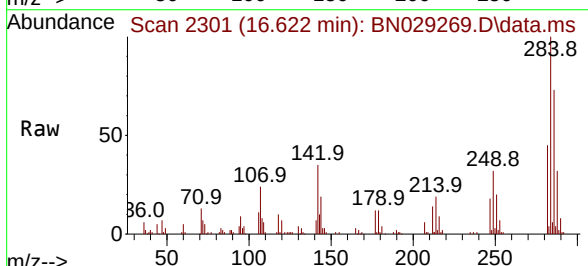
Tgt Ion:248 Resp: 31285
Ion Ratio Lower Upper
248 100
250 94.6 80.2 120.2
141 80.3 62.7 94.1

Manual Integrations
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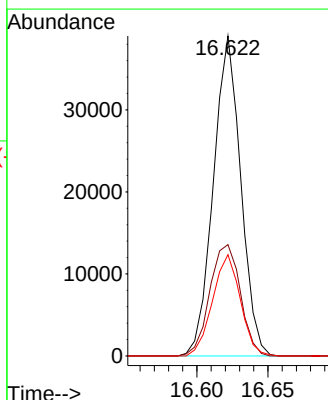
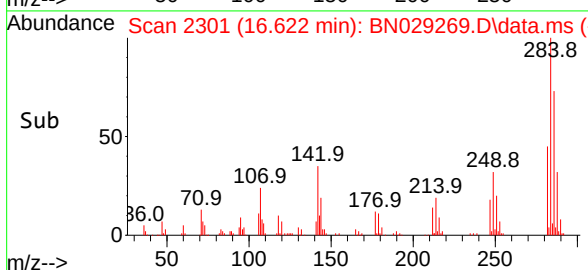
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

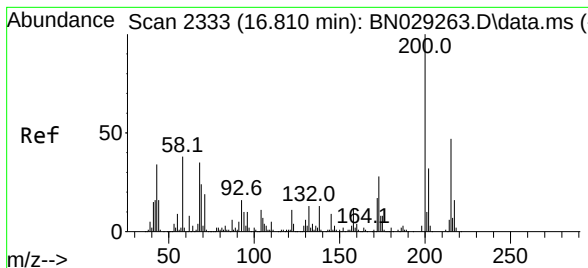


#69
Hexachlorobenzene
Concen: 4.046 ng/ul
RT: 16.622 min Scan# 2301
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24



Tgt Ion:284 Resp: 52314
Ion Ratio Lower Upper
284 100
142 34.8 24.9 37.3
249 31.7 23.1 34.7





#70

Atrazine

Concen: 4.440 ng/ul

RT: 16.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN029269.D

Acq: 17 Jan 2024 13:24

Instrument :

BNA_N

ClientSampleId :

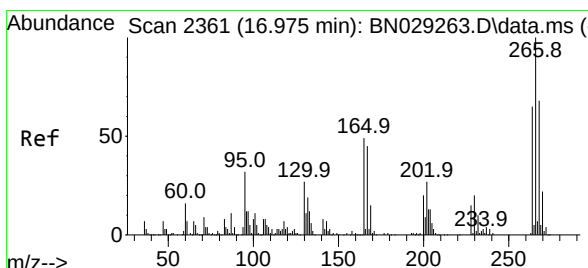
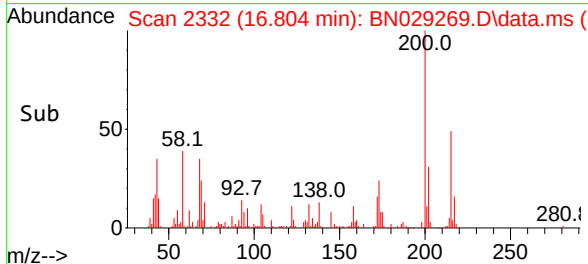
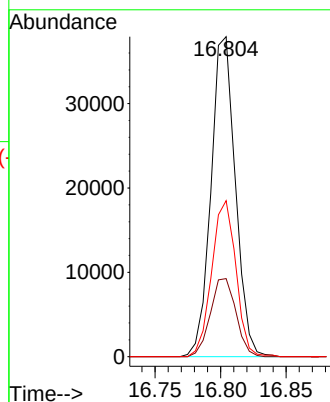
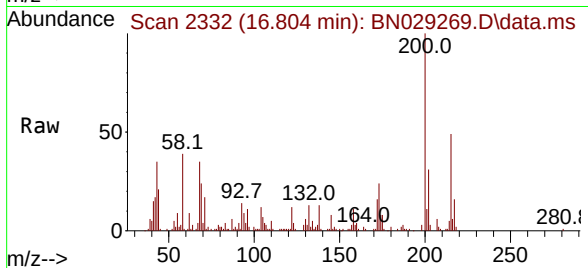
MDL-SOIL-QT3-2023-06

Tgt Ion:200 Resp: 49130
 Ion Ratio Lower Upper
 200 100
 173 24.4 20.1 30.1
 215 48.7 36.9 55.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#71

Pentachlorophenol

Concen: 3.719 ng/ul

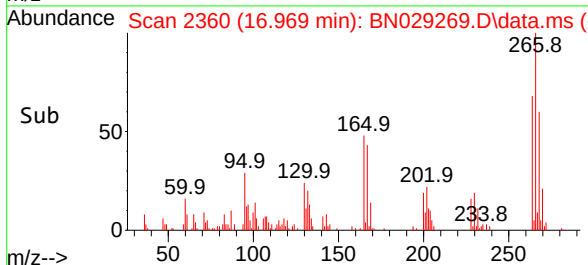
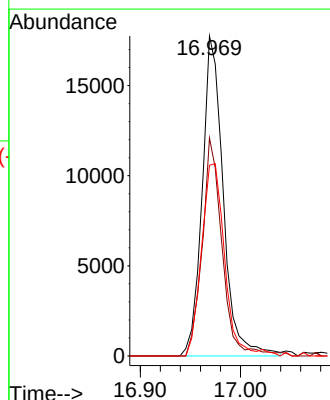
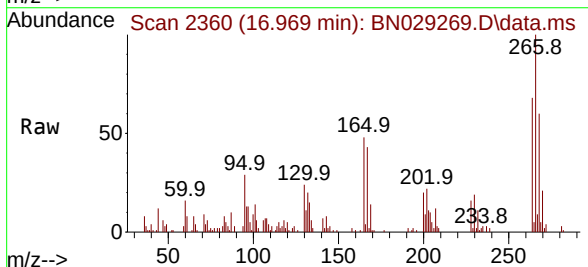
RT: 16.969 min Scan# 2360

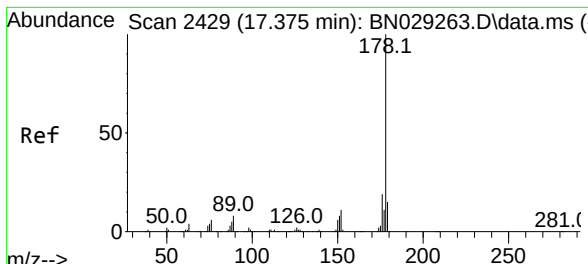
Delta R.T. -0.005 min

Lab File: BN029269.D

Acq: 17 Jan 2024 13:24

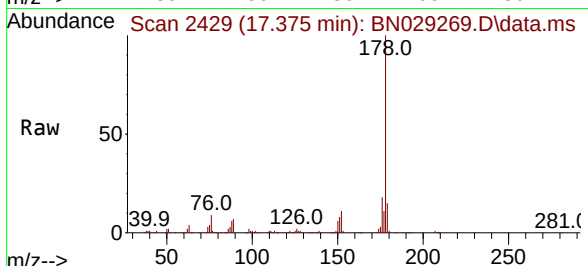
Tgt Ion:266 Resp: 25976
 Ion Ratio Lower Upper
 266 100
 264 68.1 53.4 80.0
 268 59.6 49.4 74.0





#72
 Phenanthrene
 Concen: 4.284 ng/ul
 RT: 17.375 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

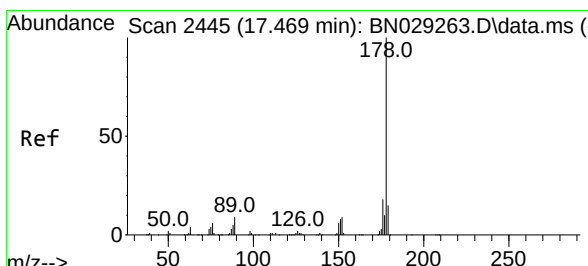
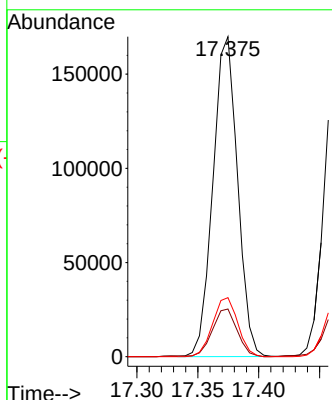
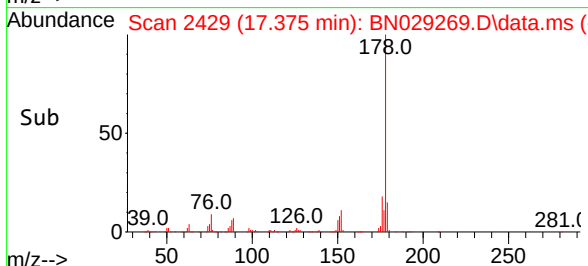
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2023-06



Tgt Ion:178 Resp: 23888
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.6 19.0
 176 18.4 15.7 23.5

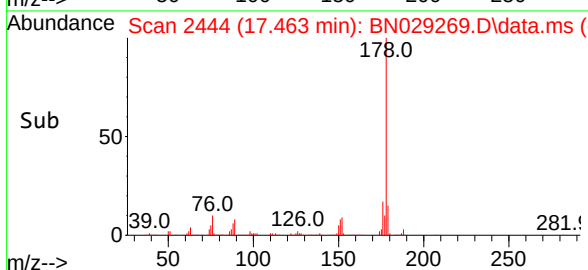
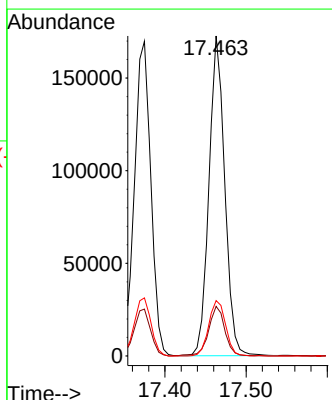
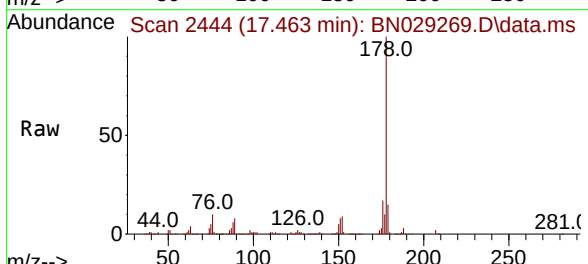
Manual Integrations
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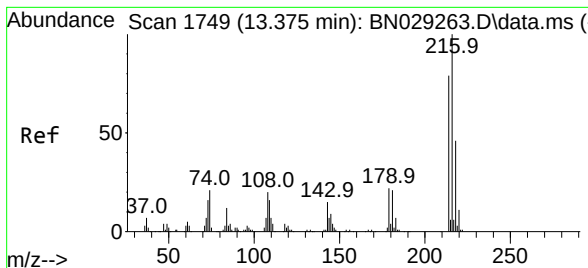
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#74
 Anthracene
 Concen: 4.023 ng/ul
 RT: 17.463 min Scan# 2444
 Delta R.T. -0.005 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

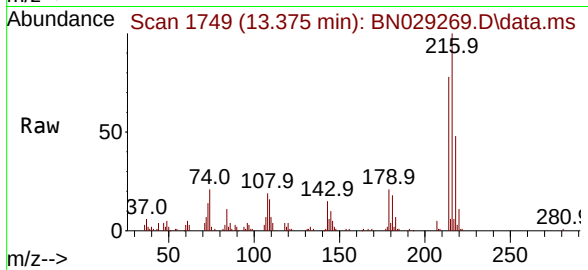
Tgt Ion:178 Resp: 232914
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.6 17.4
 176 17.3 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.207 ng/uL
RT: 13.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

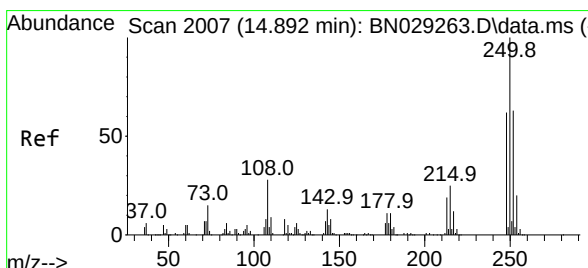
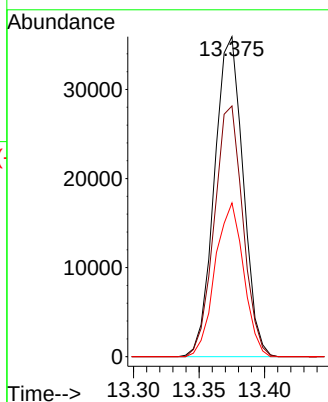
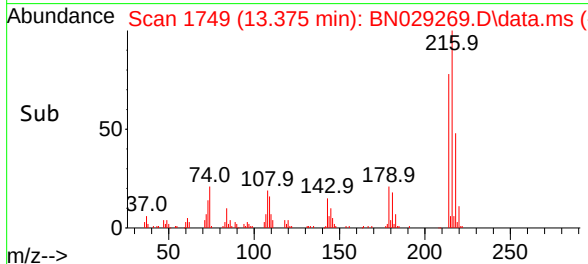
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



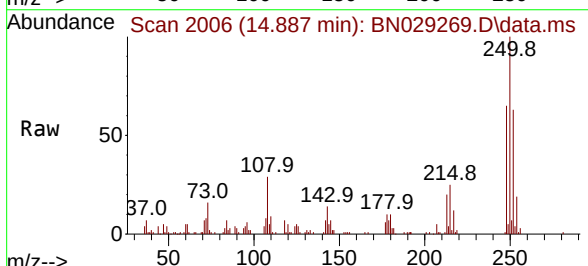
Tgt Ion:216 Resp: 54662
Ion Ratio Lower Upper
216 100
214 78.3 58.3 87.5
218 48.0 35.2 52.8

Manual Integrations
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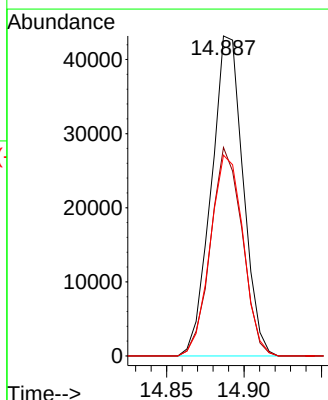
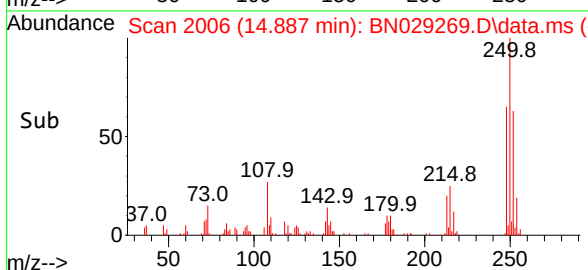
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024

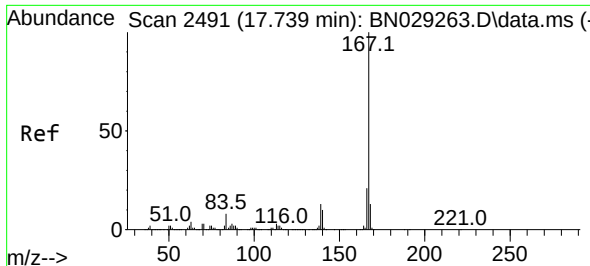


#76
Pentachlorobenzene
Concen: 4.586 ng/uL
RT: 14.887 min Scan# 2006
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24



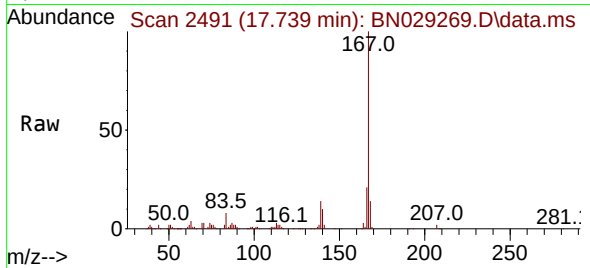
Tgt Ion:250 Resp: 61689
Ion Ratio Lower Upper
250 100
248 65.1 50.5 75.7
252 62.7 54.3 81.5





#77
 Carbazole
 Concen: 3.843 ng/ul
 RT: 17.739 min Scan# 2491
 Delta R.T. 0.000 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

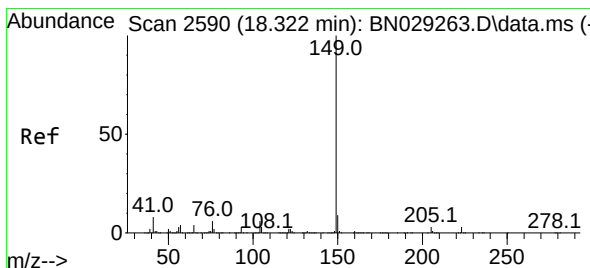
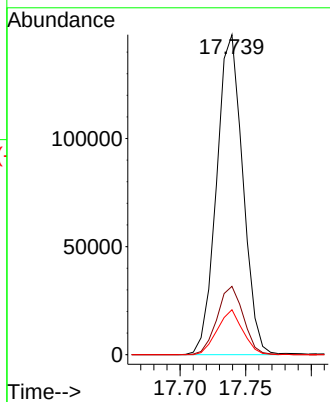
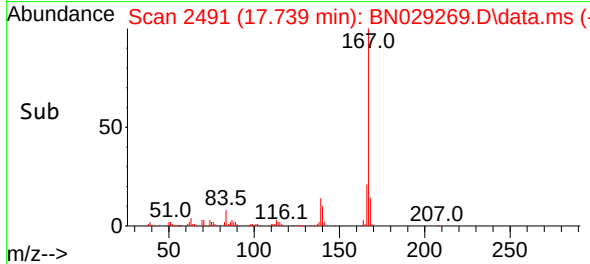
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2023-06



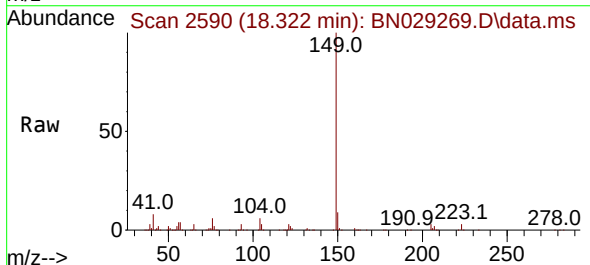
Tgt Ion:167 Resp: 205749
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.0 27.0
 139 14.0 10.8 16.2

Manual Integrations
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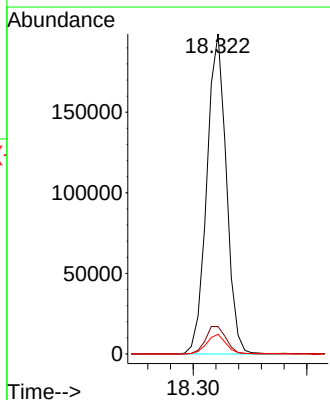
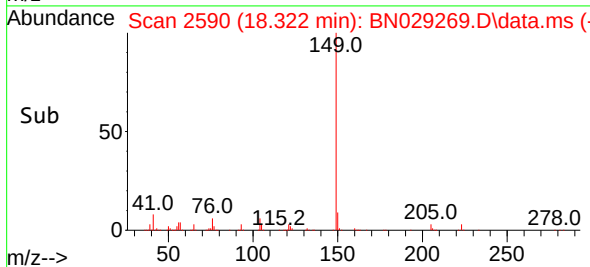
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

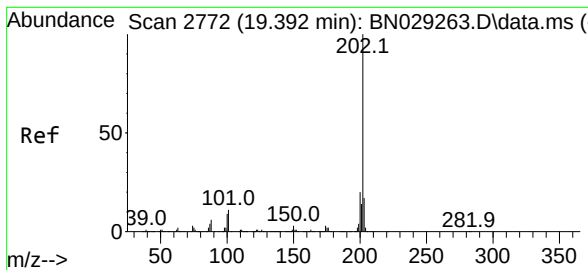


#78
 Di-n-butylphthalate
 Concen: 3.623 ng/ul
 RT: 18.322 min Scan# 2590
 Delta R.T. 0.000 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24



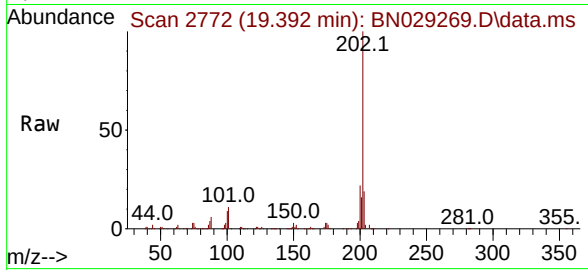
Tgt Ion:149 Resp: 236551
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.1 10.7
 104 6.1 4.8 7.2





#80
 Fluoranthene
 Concen: 4.041 ng/u1
 RT: 19.392 min Scan# 2772
 Delta R.T. 0.000 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

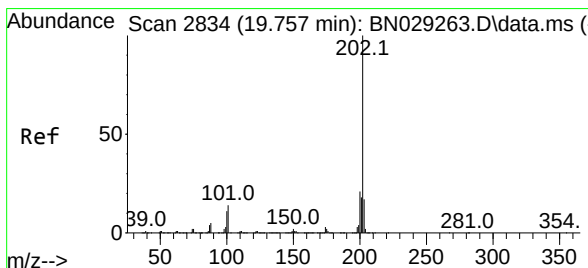
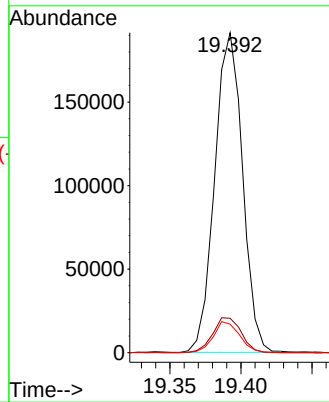
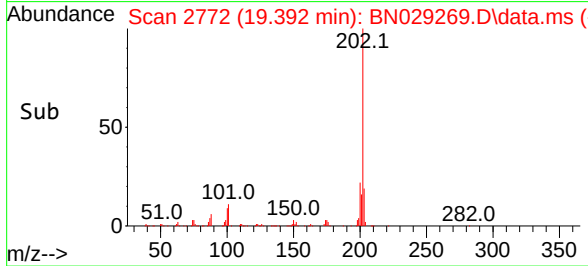
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2023-06



Tgt Ion:202 Resp: 260317
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.3 13.9
 100 8.9 7.0 10.6

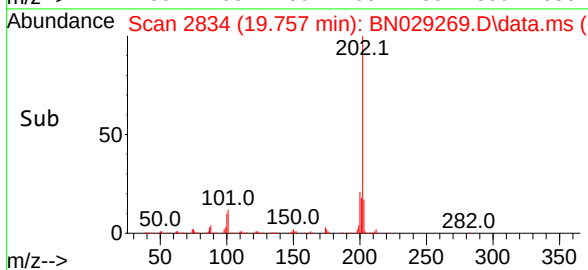
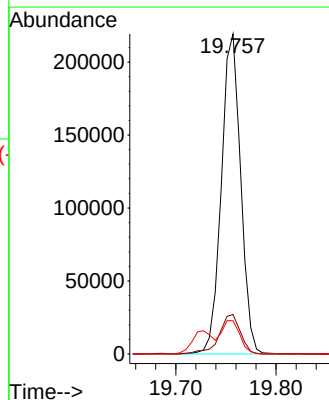
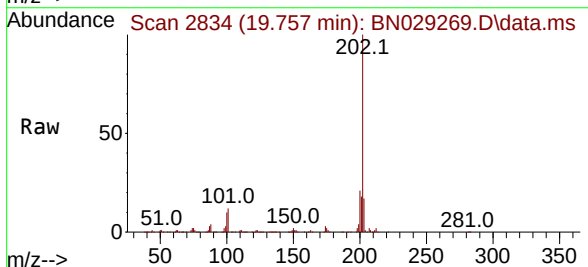
Manual Integrations
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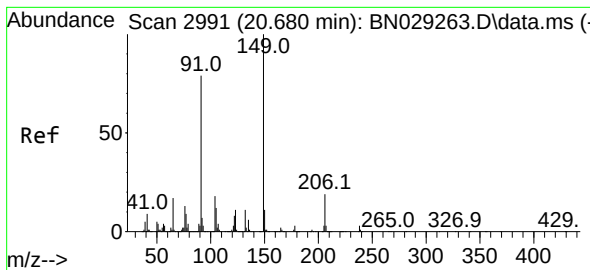
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#82
 Pyrene
 Concen: 4.273 ng/u1
 RT: 19.757 min Scan# 2834
 Delta R.T. 0.000 min
 Lab File: BN029269.D
 Acq: 17 Jan 2024 13:24

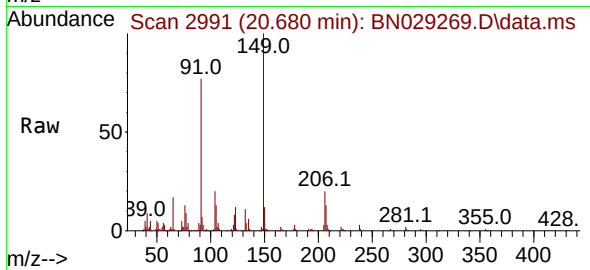
Tgt Ion:202 Resp: 292334
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.3 15.5
 100 10.4 8.9 13.3





#83
Butylbenzylphthalate
Concen: 3.386 ng/ul
RT: 20.680 min Scan# 2991
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

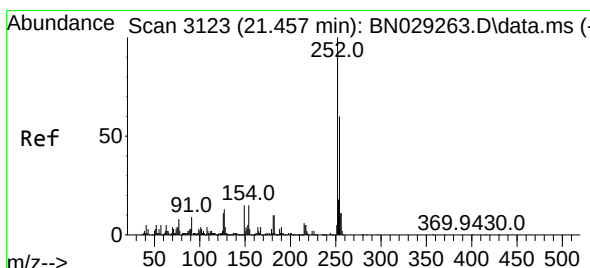
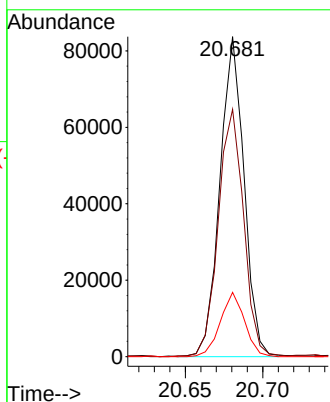
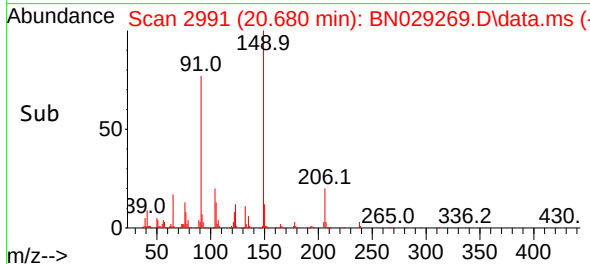
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



Tgt Ion:149 Resp: 9059
Ion Ratio Lower Upper
149 100
91 77.3 65.4 98.2
206 20.1 14.9 22.3

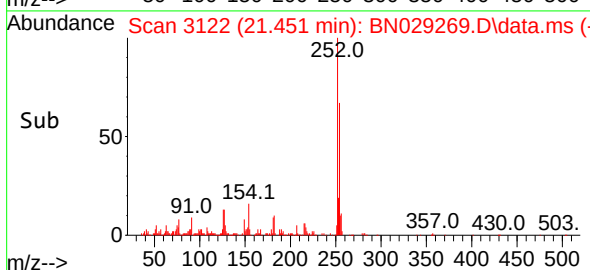
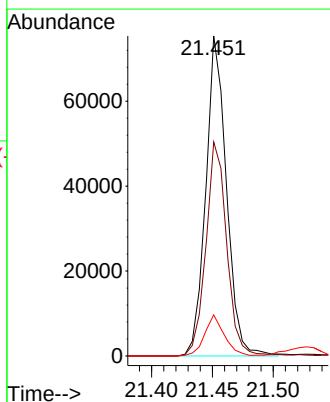
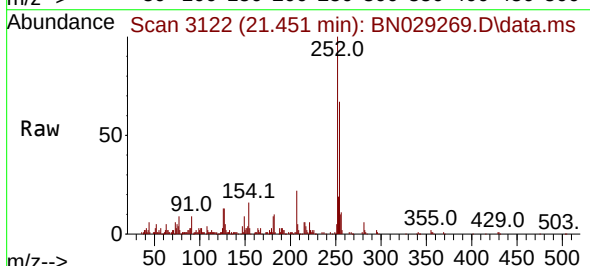
Manual Integrations
APPROVED

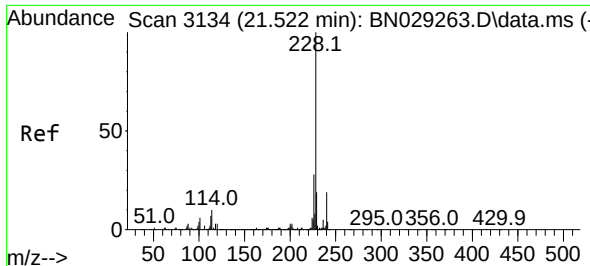
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#84
3,3'-Dichlorobenzidine
Concen: 3.916 ng/ul
RT: 21.451 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

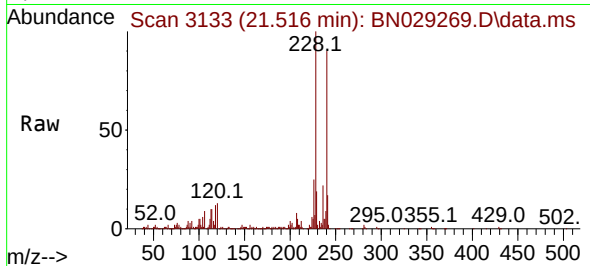
Tgt Ion:252 Resp: 89124
Ion Ratio Lower Upper
252 100
254 66.9 50.7 76.1
126 12.9 8.6 12.8#





#85
Benzo(a)anthracene
Concen: 4.158 ng/ul
RT: 21.516 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

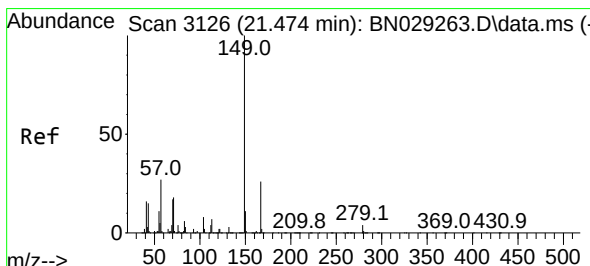
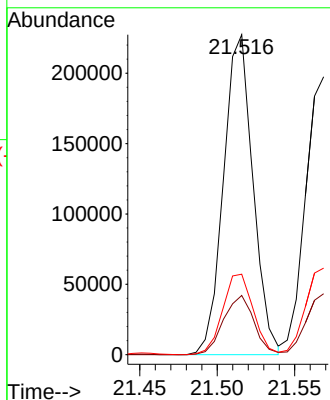
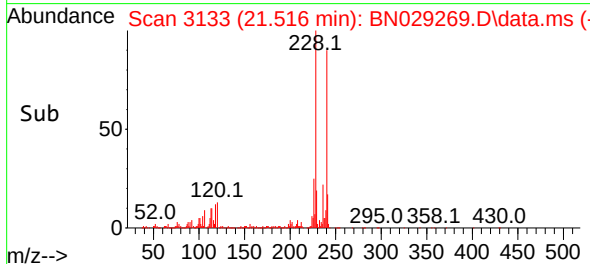
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06



Tgt Ion:228 Resp: 300580
Ion Ratio Lower Upper
228 100
229 18.5 16.3 24.5
226 25.2 22.4 33.6

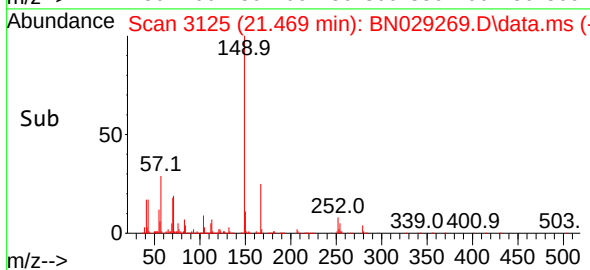
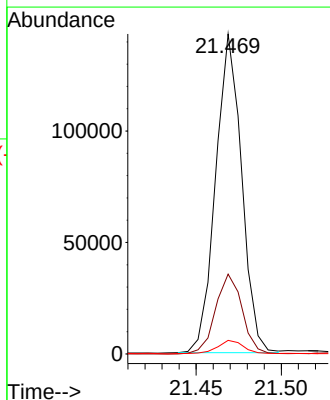
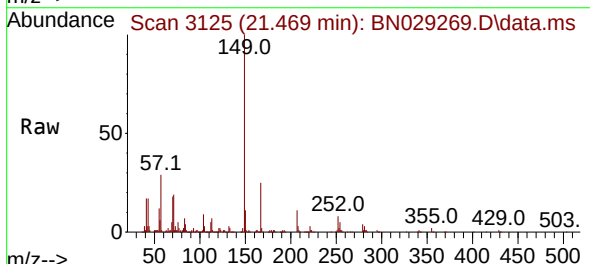
Manual Integrations
APPROVED

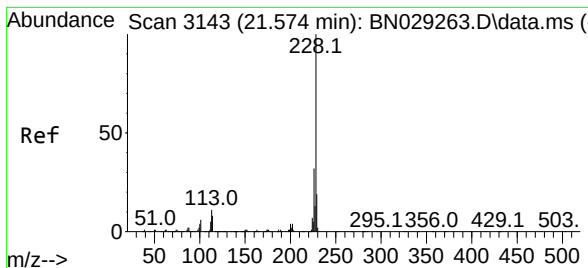
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.428 ng/ul
RT: 21.469 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

Tgt Ion:149 Resp: 151438
Ion Ratio Lower Upper
149 100
167 24.9 20.6 31.0
279 4.2 3.6 5.4





#87

Chrysene

Concen: 4.028 ng/ul

RT: 21.569 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BN029269.D

Acq: 17 Jan 2024 13:24

Instrument :

BNA_N

ClientSampleId :

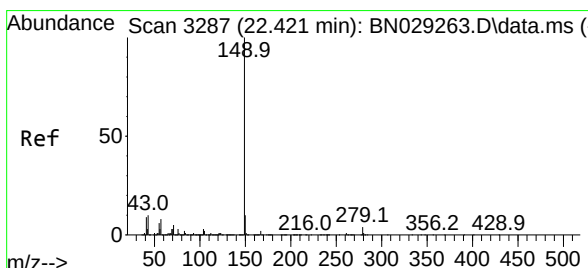
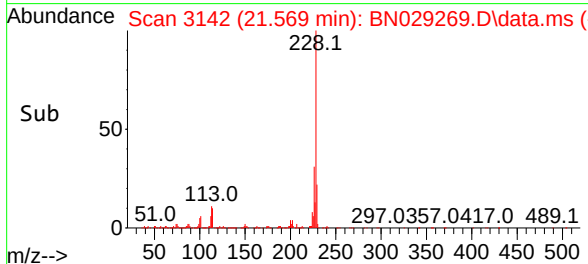
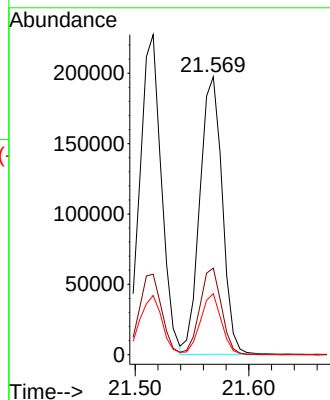
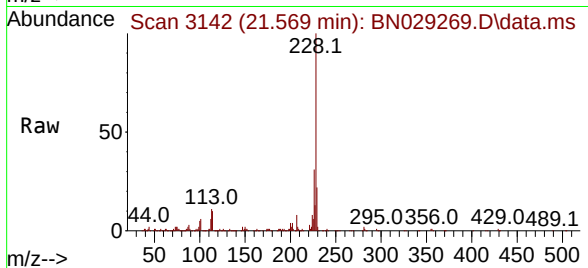
MDL-SOIL-QT3-2023-06

Tgt Ion:228 Resp: 269315
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 21.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



#89

Di-n-octyl phthalate

Concen: 2.930 ng/ul

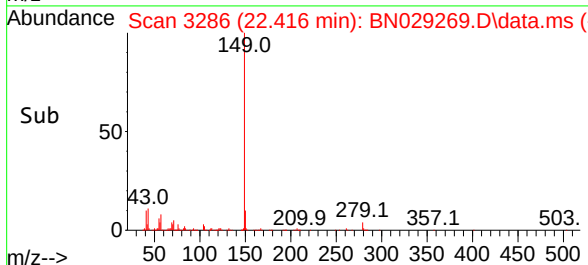
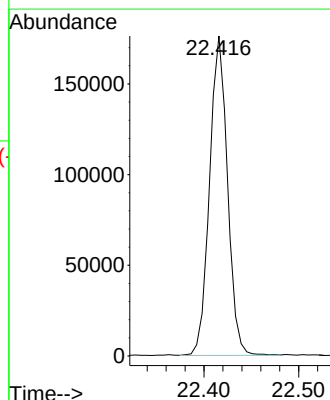
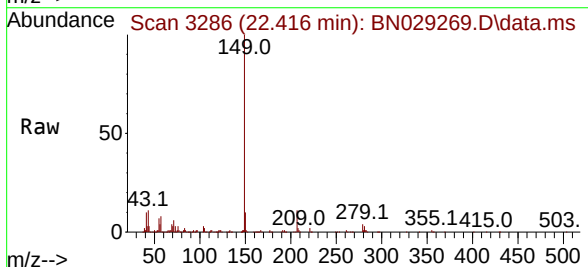
RT: 22.416 min Scan# 3286

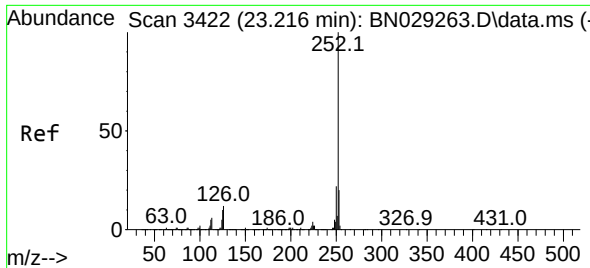
Delta R.T. -0.005 min

Lab File: BN029269.D

Acq: 17 Jan 2024 13:24

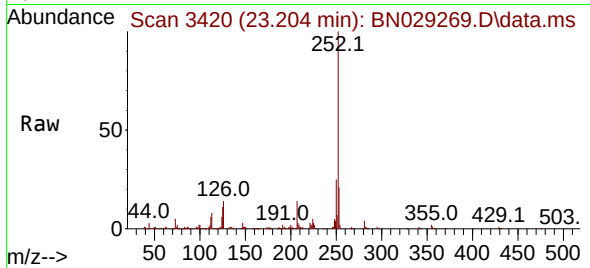
Tgt Ion:149 Resp: 231182





#90
Benzo(b)fluoranthene
Concen: 4.099 ng/ul
RT: 23.204 min Scan# 3420
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

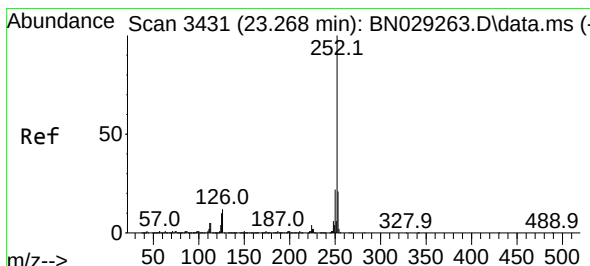
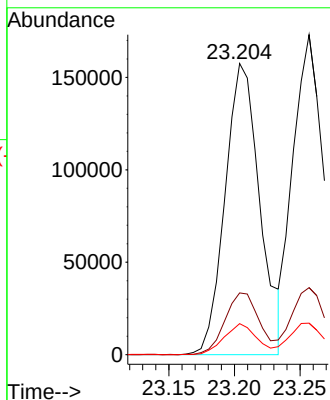
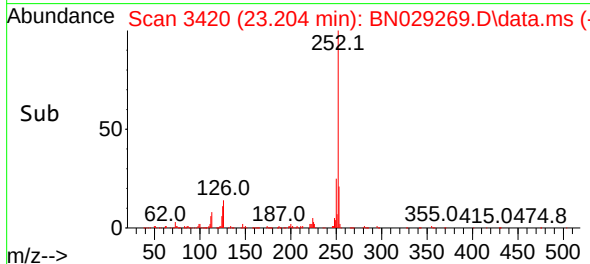
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2023-06



Tgt Ion:252 Resp: 290939
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 10.7 8.2 12.2

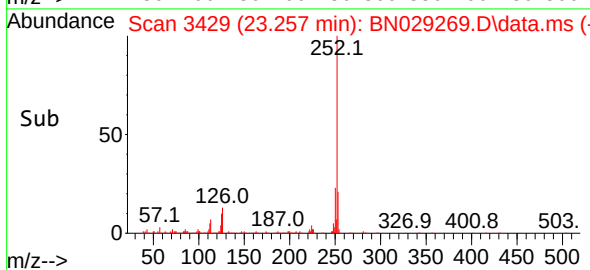
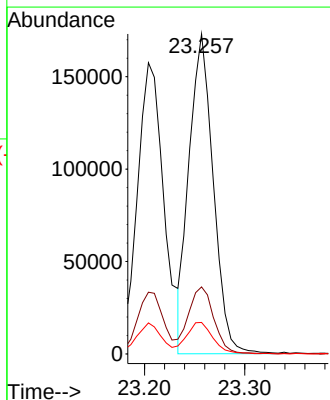
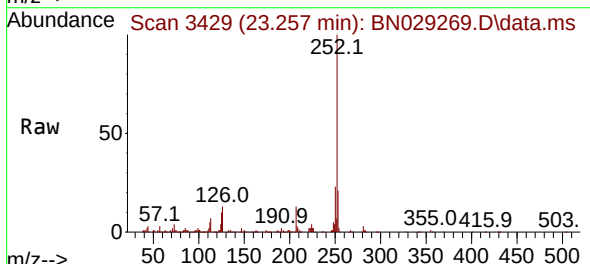
Manual Integrations
APPROVED

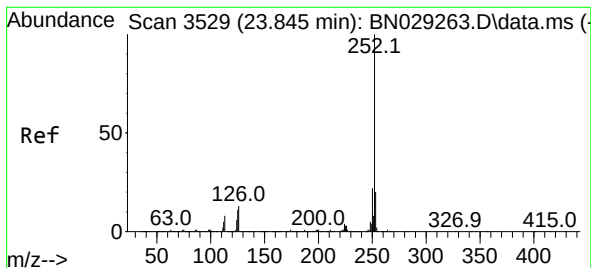
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#91
Benzo(k)fluoranthene
Concen: 4.104 ng/ul
RT: 23.257 min Scan# 3429
Delta R.T. -0.005 min
Lab File: BN029269.D
Acq: 17 Jan 2024 13:24

Tgt Ion:252 Resp: 290321
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.2
125 9.9 8.0 12.0





#93

Benzo(a)pyrene

Concen: 4.107 ng/ul

RT: 23.833 min Scan# 3529

Delta R.T. -0.005 min

Lab File: BN029269.D

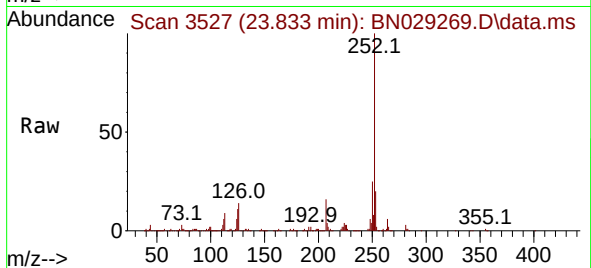
Acq: 17 Jan 2024 13:24

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2023-06



Tgt Ion:252 Resp: 276410

Ion Ratio Lower Upper

252 100

253 19.9 17.4 26.0

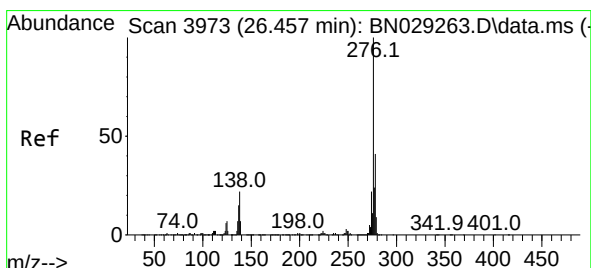
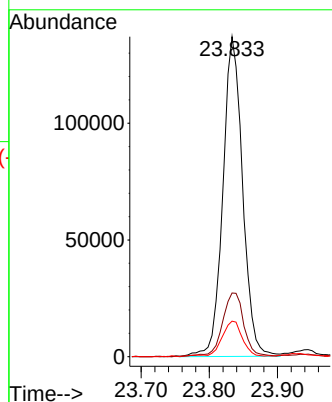
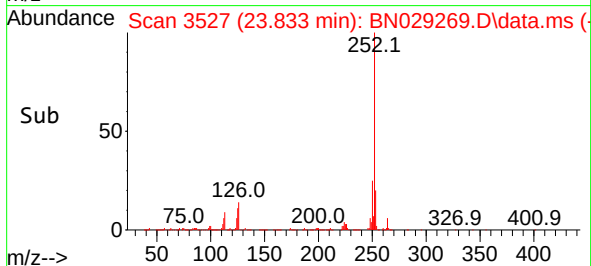
125 11.1 9.0 13.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/18/2024

Supervised By :Sohil Jodhani 01/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.785 ng/ul

RT: 26.439 min Scan# 3970

Delta R.T. -0.011 min

Lab File: BN029269.D

Acq: 17 Jan 2024 13:24

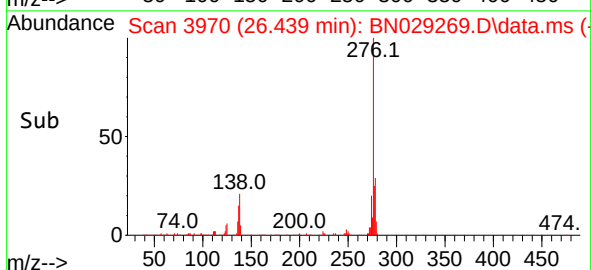
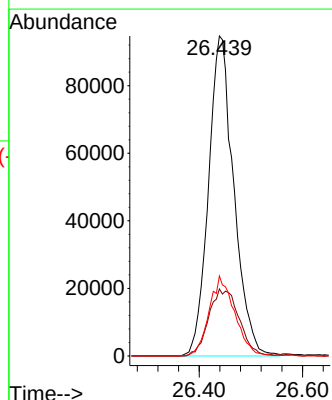
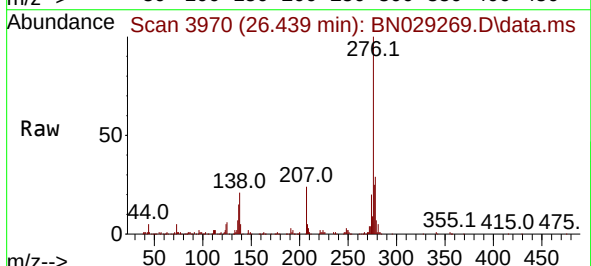
Tgt Ion:276 Resp: 322400

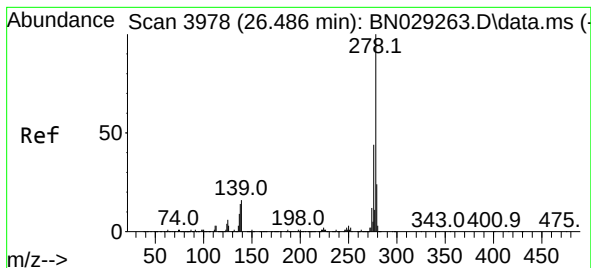
Ion Ratio Lower Upper

276 100

138 20.9 17.2 25.8

277 25.0 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 3.806 ng/ul

RT: 26.474 min Scan# 3978

Delta R.T. -0.005 min

Lab File: BN029269.D

Acq: 17 Jan 2024 13:24

Instrument :

BNA_N

ClientSampleId :

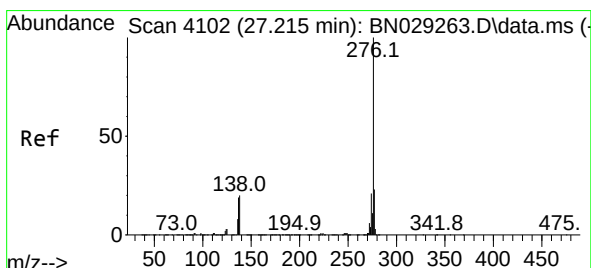
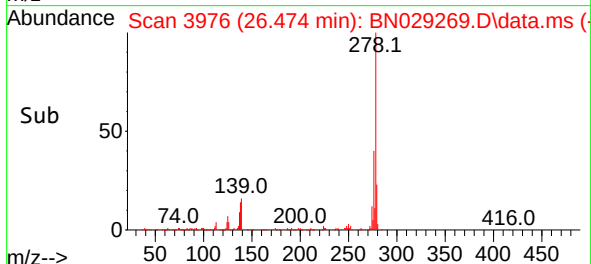
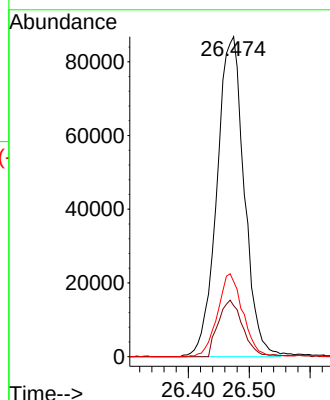
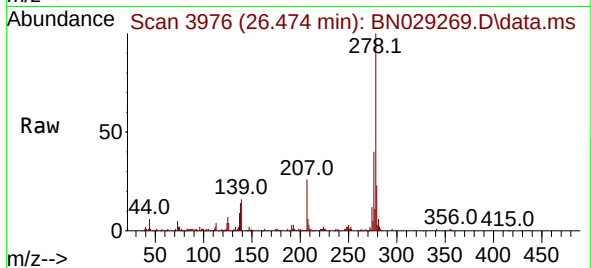
MDL-SOIL-QT3-2023-06

Tgt Ion:	278	Resp:	27034
Ion Ratio	Lower	Upper	
278	100		
139	16.0	12.0	18.0
279	23.5	19.3	28.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024



#96

Benzo(g,h,i)perylene

Concen: 3.753 ng/ul

RT: 27.204 min Scan# 4100

Delta R.T. -0.011 min

Lab File: BN029269.D

Acq: 17 Jan 2024 13:24

Tgt Ion:	276	Resp:	255305
Ion Ratio	Lower	Upper	
276	100		
138	21.0	15.8	23.6
277	21.8	17.0	25.6

