

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\
 Data File : BN013363.D
 Acq On : 08 Jan 2021 12:13
 Operator : CG/JU
 Sample : L4485-01
 Misc : MDL-SOIL-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

Manual Integrations
 APPROVED

Quant Time: Jan 08 12:45:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 08 12:05:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	320415	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1317617	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	806771	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1673935	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1699581	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1707632	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	39175	4.66	ng/uL	0.00
4) Pyridine-d5	3.59	84	475964	22.68	ng/ul	0.00
7) Phenol-d5	6.78	99	827500	30.75	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	504203	33.65	ng/ul	0.00
11) 2-Chlorophenol-d4	7.14	132	715938	30.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	693157	31.89	ng/ul	0.00
21) Nitrobenzene-d5	8.75	128	334286	31.85	ng/ul	0.00
24) 2-Nitrophenol-d4	9.46	143	343046	31.71	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	658641	30.82	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	982132	33.58	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2046872	32.81	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	2633844	34.21	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	329858	28.94	ng/ul	0.00
60) Fluorene-d10	15.23	176	1760610	32.62	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	238365	28.93	ng/ul	0.00
73) Anthracene-d10	17.07	188	2671681	32.86	ng/ul	0.00
81) Pyrene-d10	19.37	212	2912186	31.81	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2903713	32.56	ng/ul	0.00

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Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	6369	0.763	ng/uL 93
5) Pyridine	3.61	79	71114	3.367	ng/ul# 62
6) Benzaldehyde	6.76	77	52859	5.232	ng/ul 96
8) Phenol	6.80	94	83480	3.067	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.04	93	71870	3.332	ng/ul 95
12) 2-Chlorophenol	7.17	128	71706	3.002	ng/ul 99
13) 2-Methylphenol	8.04	108	56853	2.711	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.13	45	101782	3.368	ng/ul 98
16) Acetophenone	8.42	105	98560	3.089	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.40	70	41494	2.621	ng/ul 96
18) 4-Methylphenol	8.36	108	68904	3.061	ng/ul 95
19) Hexachloroethane	8.67	117	28238	3.013	ng/ul 90
22) Nitrobenzene	8.78	77	77340	3.288	ng/ul 99
23) Isophorone	9.31	82	108815	2.446	ng/ul 99
25) 2-Nitrophenol	9.49	139	38504	3.197	ng/ul 99
26) 2,4-Dimethylphenol	9.55	107	72107	2.965	ng/ul 99
27) Bis(2-Chloroethoxy)methane	9.79	93	86522	3.007	ng/ul 98
29) 2,4-Dichlorophenol	10.02	162	66502	3.160	ng/ul 96
30) Naphthalene	10.42	128	246634	3.336	ng/ul 99
32) 4-Chloroaniline	10.52	127	96238	3.457	ng/ul 97
33) Hexachlorobutadiene	10.71	225	43859	3.334	ng/ul 98
34) Caprolactam	11.30	113	12470m	1.922	ng/ul

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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 08 12:05:50 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	57864	2.568	ng/ul	99
36) 2-Methylnaphthalene	12.03	142	166141	3.268	ng/ul	98
37) 1-Methylnaphthalene	12.25	142	157924	3.223	ng/ul	94
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	82129	3.383	ng/ul	96
40) Hexachlorocyclopentadiene	12.39	237	43281	3.421	ng/ul	99
41) 2,4,6-Trichlorophenol	12.65	196	37873	2.365	ng/ul	99 mohammad
42) 2,4,5-Trichlorophenol	12.72	196	44039	2.585	ng/ul	96
43) 1,1'-Biphenyl	13.06	154	215386	3.314	ng/ul	98
44) 2-Chloronaphthalene	13.09	162	166760	3.258	ng/ul	99
45) 2-Nitroaniline	13.30	65	27048	2.074	ng/ul	95
47) Dimethylphthalate	13.70	163	204481	3.194	ng/ul	99 1/11/2021 1:40:37 PM
48) 2,6-Dinitrotoluene	13.80	165	27662	2.278	ng/ul#	91
50) Acenaphthylene	13.95	152	256952	3.302	ng/ul	99
51) 3-Nitroaniline	14.13	138	29006	2.590	ng/ul	100
52) Acenaphthene	14.29	153	182341	3.321	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	9008	1.655	ng/ul	92
55) 4-Nitrophenol	14.44	109	26802	3.123	ng/ul	90
56) Dibenzofuran	14.63	168	251973	3.352	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	43035	2.487	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.86	232	34183	2.376	ng/ul	96
59) Diethylphthalate	15.07	149	179380	2.756	ng/ul	99
61) Fluorene	15.28	166	207870	3.414	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.29	204	102523	3.493	ng/ul	94
63) 4-Nitroaniline	15.29	138	30436	2.893	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	28342	3.091	ng/ul#	57
67) N-Nitrosodiphenylamine	15.50	169	161349	3.059	ng/ul	98
68) 4-Bromophenyl-phenylether	16.18	248	57449	3.118	ng/ul	95
69) Hexachlorobenzene	16.28	284	67995	3.255	ng/ul	99
70) Atrazine	16.46	200	43162	2.396	ng/ul	98
71) Pentachlorophenol	16.63	266	24856	2.134	ng/ul	92
72) Phenanthrene	17.02	178	326268	3.359	ng/ul	100
74) Anthracene	17.11	178	328109	3.310	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	80895	3.334	ng/uL	97
76) Pentachlorobenzene	14.55	250	80686	3.333	ng/uL	95
77) Carbazole	17.37	167	253259	3.148	ng/ul	99
78) Di-n-butylphthalate	17.96	149	234673	2.140	ng/ul	99
80) Fluoranthene	19.04	202	349664	2.986	ng/ul	99
82) Pyrene	19.40	202	400821	3.338	ng/ul	98
83) Butylbenzylphthalate	20.33	149	84730	1.642	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.10	252	79578	2.476	ng/ul	98
85) Benzo(a)anthracene	21.16	228	351130	3.130	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.12	149	137109	1.794	ng/ul	100
87) Chrysene	21.21	228	359709	3.274	ng/ul	97
89) Di-n-octyl phthalate	21.99	149	223318	2.102	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	353128	3.243	ng/ul	98
91) Benzo(k)fluoranthene	22.75	252	341510	3.293	ng/ul	99
93) Benzo(a)pyrene	23.26	252	340237	3.447	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.53	276	401297	3.246	ng/ul	96
95) Dibenzo(a,h)anthracene	25.54	278	343047	3.310	ng/ul	98
96) Benzo(g,h,i)perylene	26.19	276	334363	3.191	ng/ul	98

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Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Manual Integrations
APPROVED

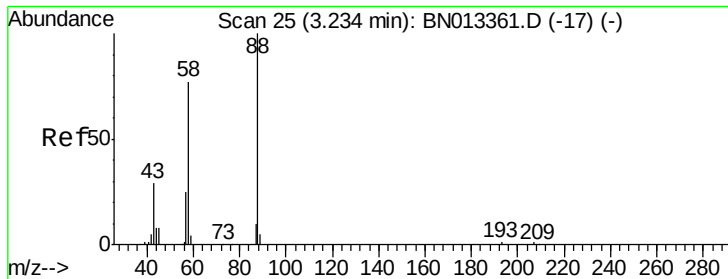
Quant Time: Jan 08 12:45:00 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.763 ng/uL

RT: 3.23 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

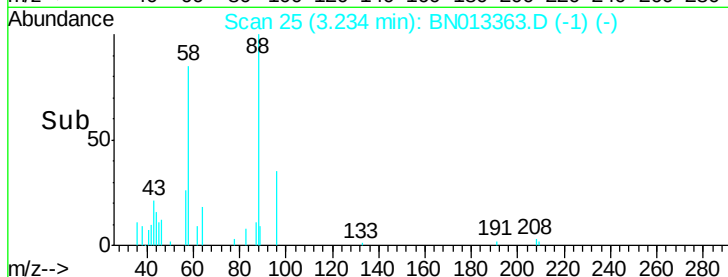
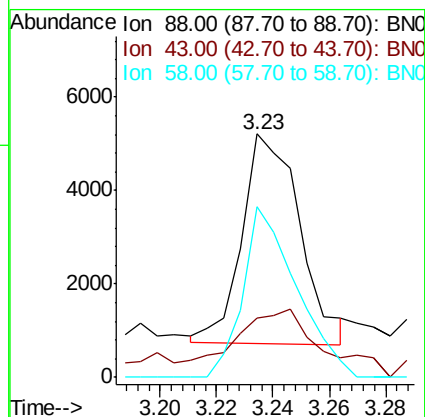
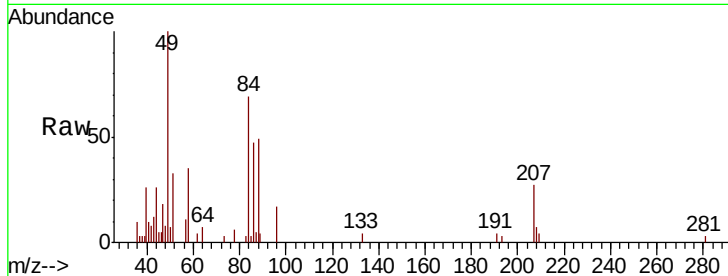
BNA_N

ClientSampleId :

MDL-SOIL-01

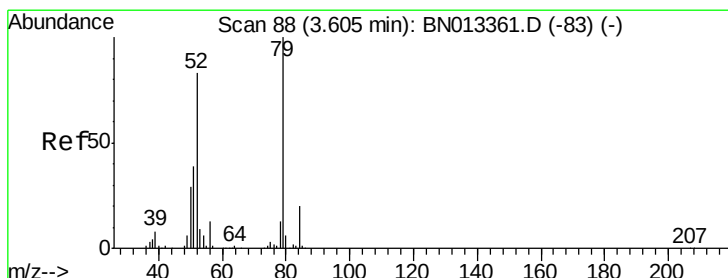
Tot Ion:	88	Resp:	6369
Ion	Ratio	Lower	Upper
88	100		
43	24.3	23.6	35.4
58	70.2	60.6	90.8

Manual Integrations
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#5

Pyridine

Concen: 3.367 ng/uL

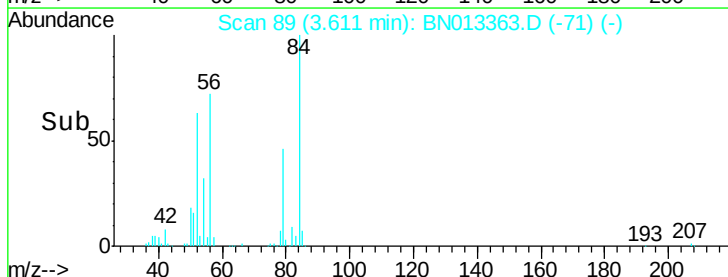
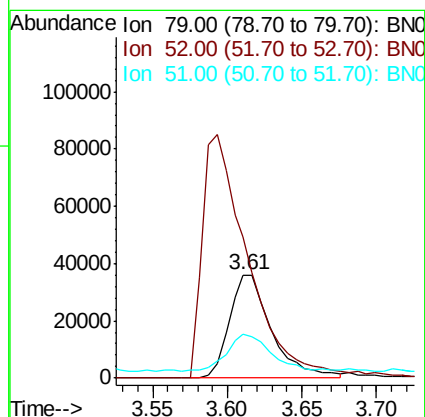
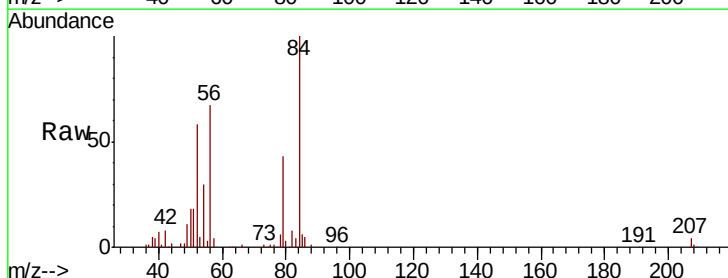
RT: 3.61 min Scan# 89

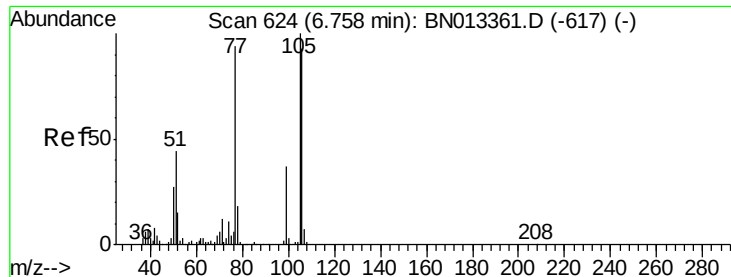
Delta R.T. 0.01 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Tgt Ion:	79	Resp:	71114
Ion	Ratio	Lower	Upper
79	100		
52	136.2	69.4	104.2#
51	42.7	31.6	47.4





#6

Benzaldehyde

Concen: 5.232 ng/ul

RT: 6.76 min Scan# 624

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

BNA_N

ClientSampled :

MDL-SOIL-01

Tot Ion: 77 Resp: 52859

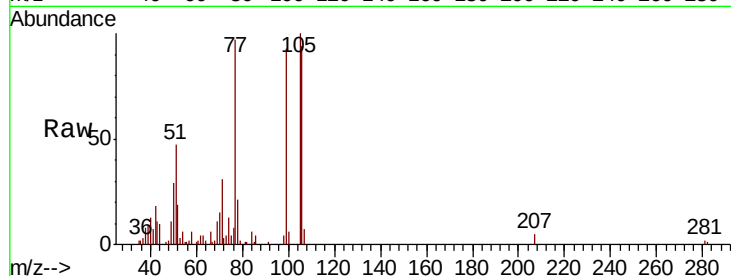
Ion Ratio Lower Upper

77 100

105 102.6 85.5 128.3

106 96.0 79.6 119.4

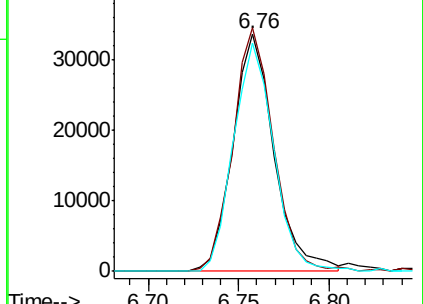
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Abundance Ion 77.00 (76.70 to 77.70): BN013363.D (-590) (-)

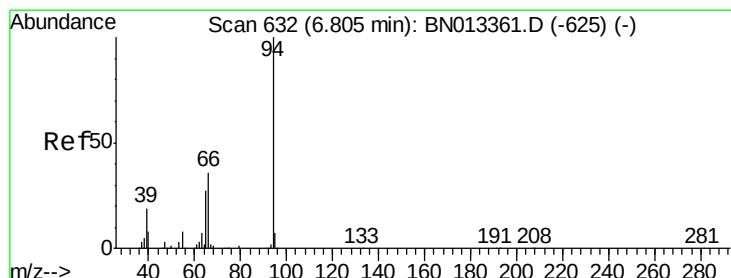
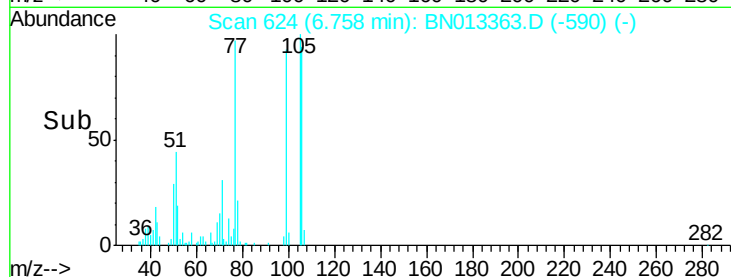
Ion 105.00 (104.70 to 105.70): BN013363.D (-590) (-)

Ion 106.00 (105.70 to 106.70): BN013363.D (-590) (-)



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#8

Phenol

Concen: 3.067 ng/ul

RT: 6.80 min Scan# 632

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

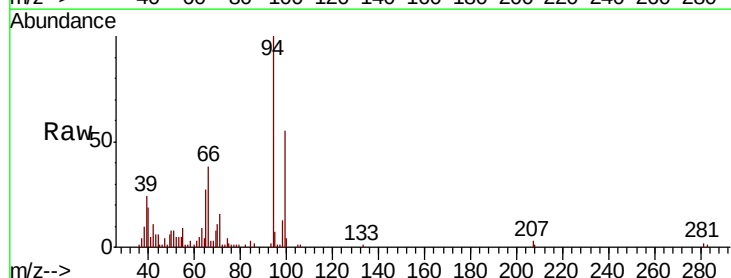
Tgt Ion: 94 Resp: 83480

Ion Ratio Lower Upper

94 100

65 27.2 21.8 32.8

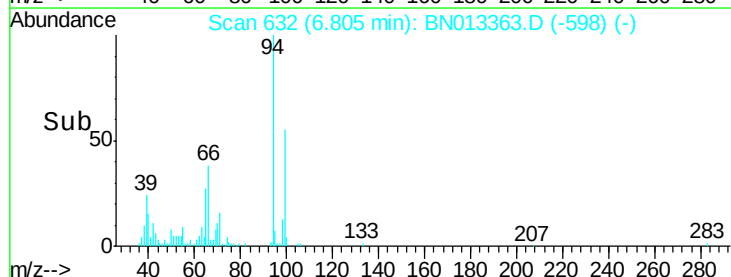
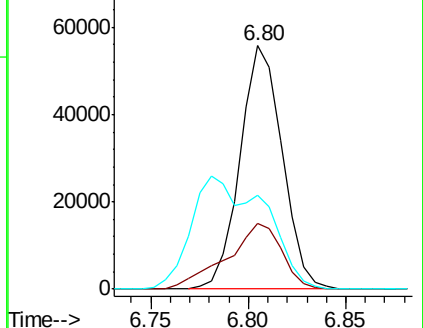
66 38.4 29.8 44.6

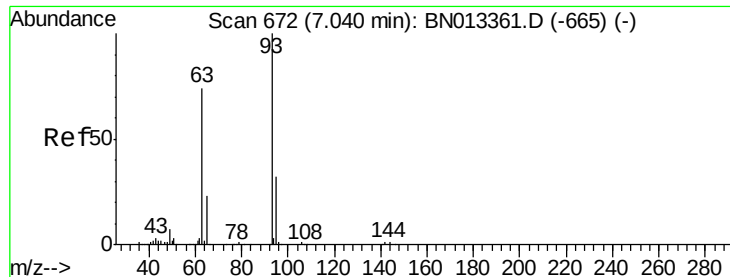


Abundance Ion 94.00 (93.70 to 94.70): BN013363.D (-598) (-)

Ion 65.00 (64.70 to 65.70): BN013363.D (-598) (-)

Ion 66.00 (65.70 to 66.70): BN013363.D (-598) (-)



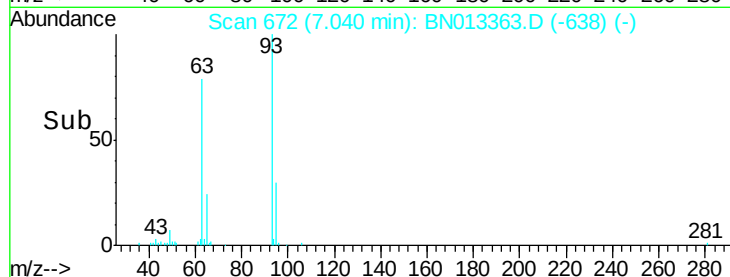
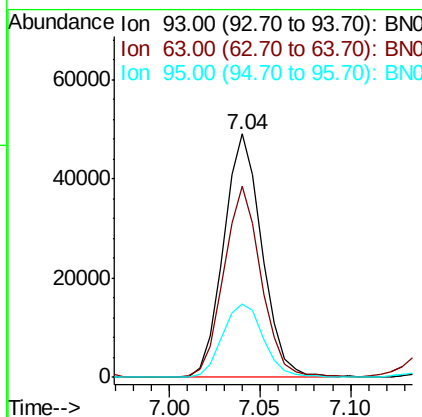
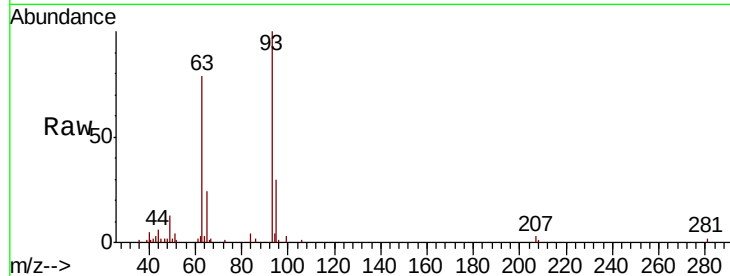


#10
Bis(2-Chloroethyl)ether
Concen: 3.332 ng/ul
RT: 7.04 min Scan# 672
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

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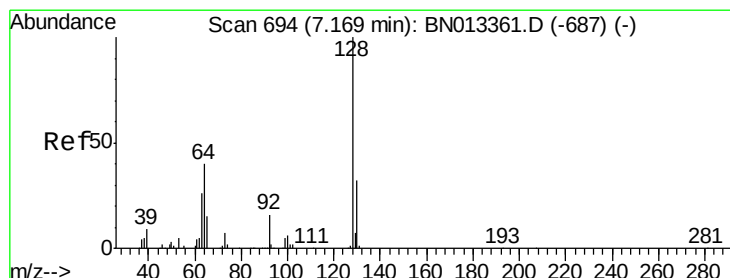
Tot Ion:	93	Resp:	71870
Ion	Ratio	Lower	Upper
93	100		
63	78.6	58.8	88.2
95	30.2	25.8	38.8

Manual Integrations
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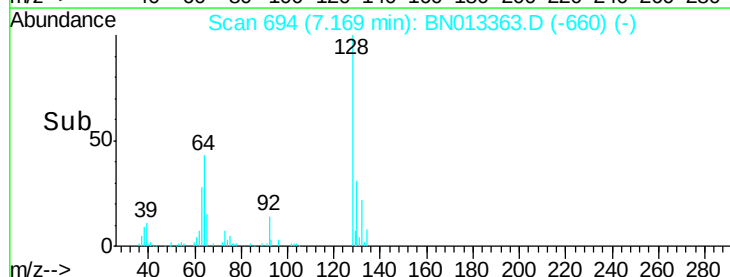
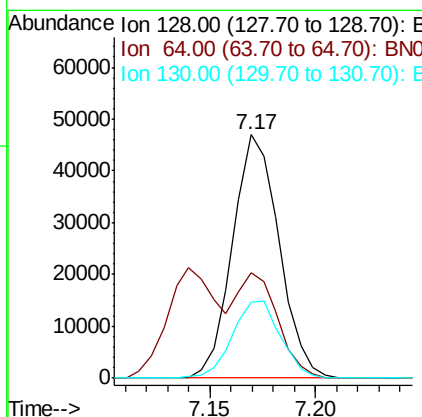
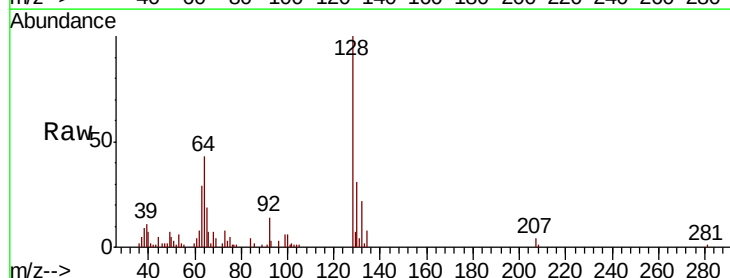
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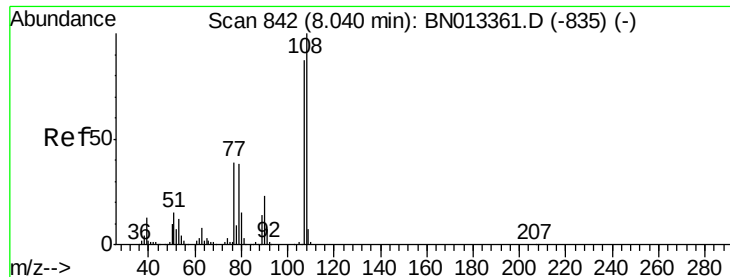
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#12
2-Chlorophenol
Concen: 3.002 ng/ul
RT: 7.17 min Scan# 694
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion:	128	Resp:	71706
Ion	Ratio	Lower	Upper
128	100		
64	43.3	34.6	51.8
130	30.9	25.8	38.6



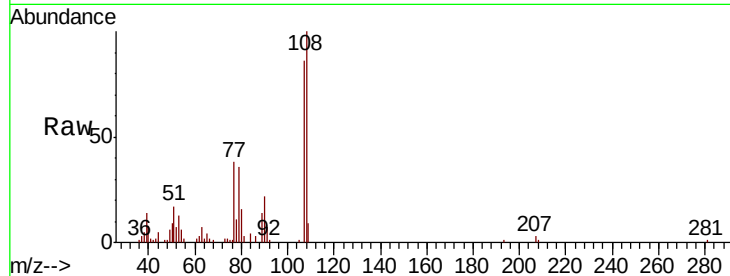


#13
2-Methylphenol
Concen: 2.711 ng/ul
RT: 8.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

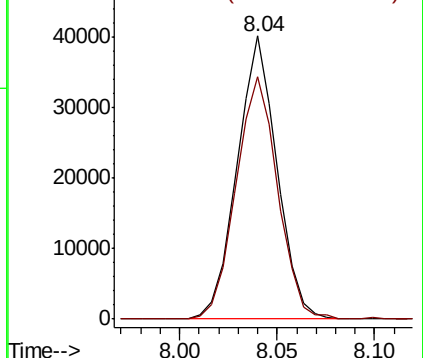
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
108	100		
107	85.7	69.7	104.5

Manual Integrations
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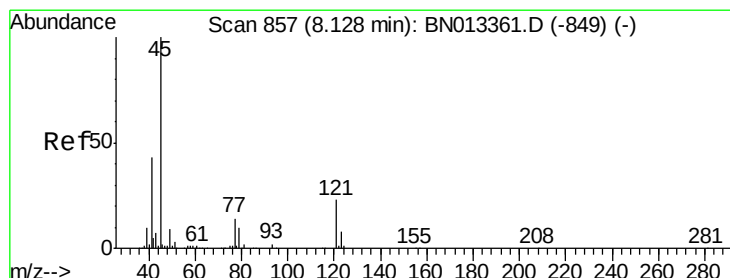
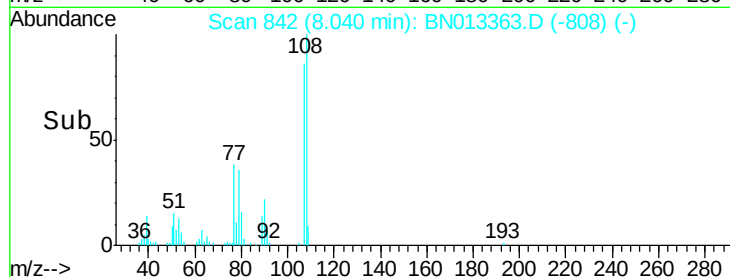


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E



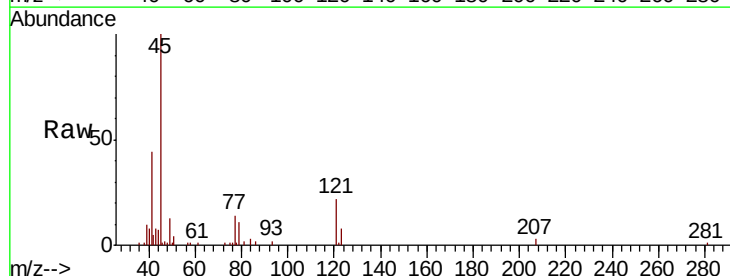
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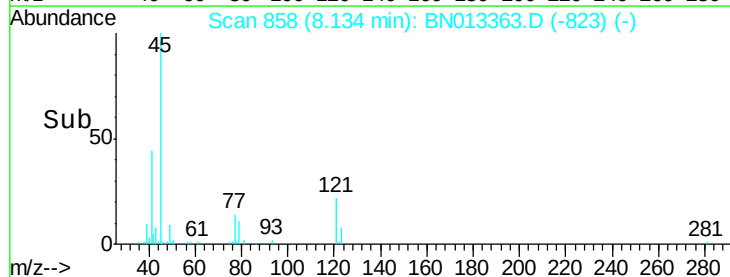
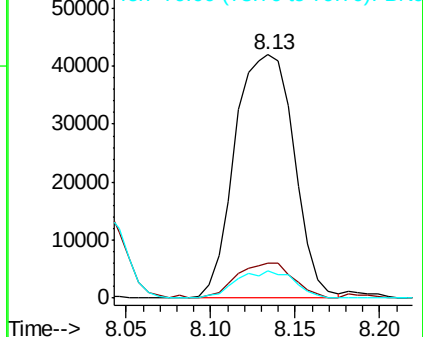


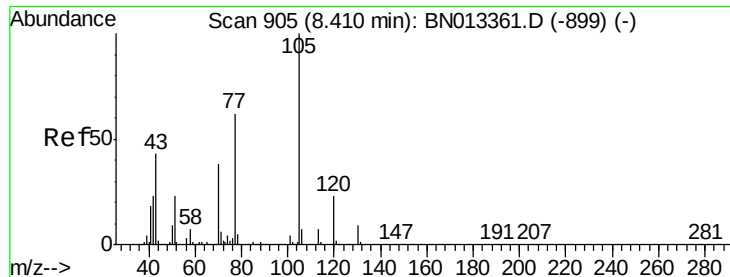
#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.368 ng/ul
RT: 8.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	11.0	16.6
79	11.4	8.5	12.7



Abundance Ion 45.00 (44.70 to 45.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC



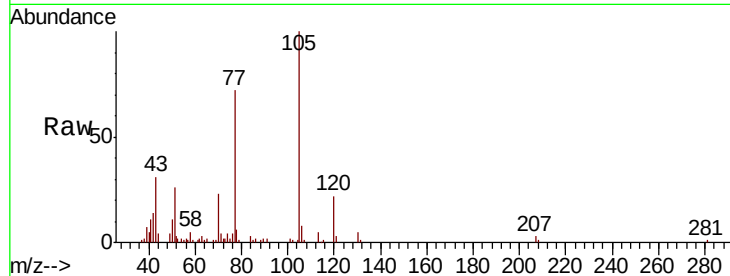


#16
Acetophenone
Concen: 3.089 ng/ul
RT: 8.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

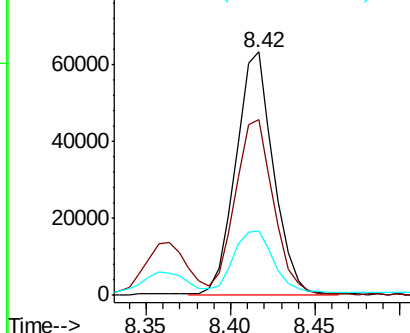
Instrument :
BNA_N
ClientSampled :
MDL-SOIL-01

Tot Ion:	105	Resp:	98560
Ion Ratio	Lower	Upper	
105	100		
77	72.4	58.7	88.1
51	26.3	21.4	32.2

Manual Integrations
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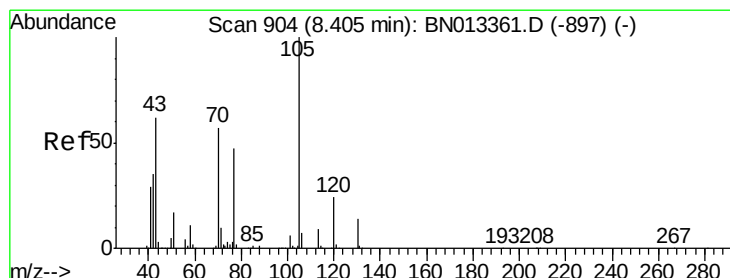
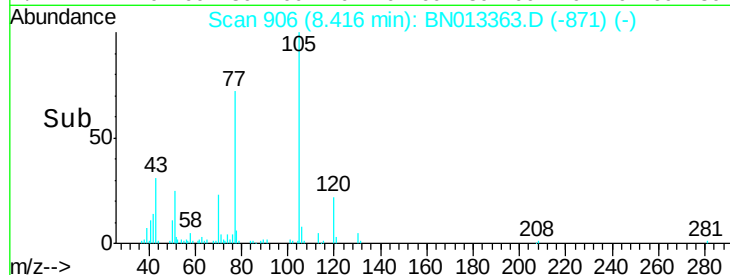


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 51.00 (50.70 to 51.70): BNC



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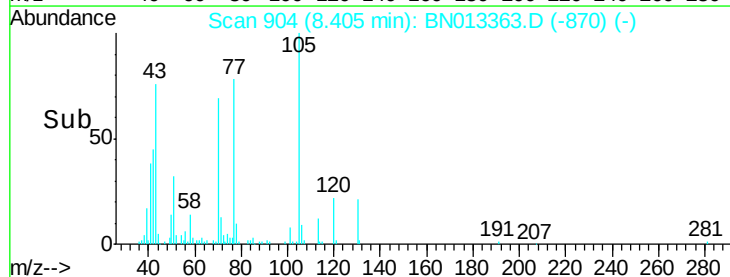
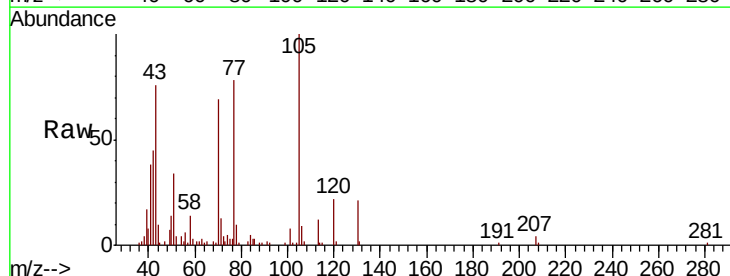
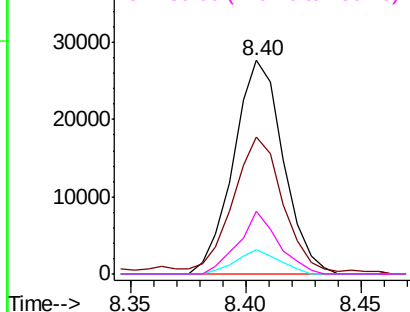
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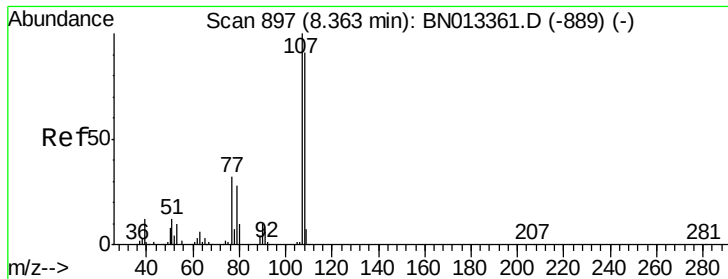


#17
N-Nitroso-di-n-propylamine
Concen: 2.621 ng/ul
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion:	70	Resp:	41494
Ion Ratio	Lower	Upper	
70	100		
42	64.1	50.3	75.5
101	11.4	8.5	12.7
130	29.6	19.9	29.9

Abundance Ion 70.00 (69.70 to 70.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



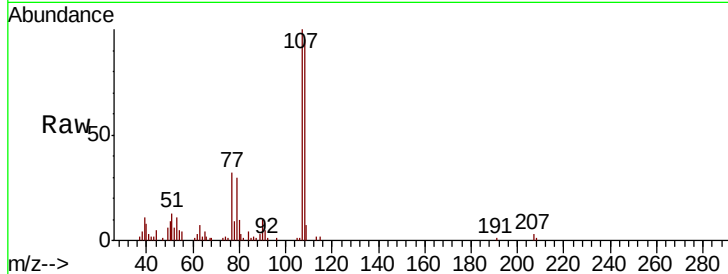


#18
4-Methylphenol
Concen: 3.061 ng/ul
RT: 8.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

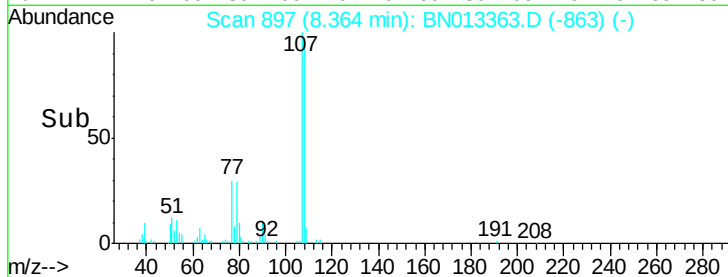
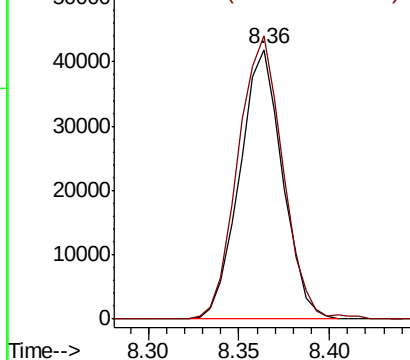
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
108	100		
107	104.9	87.9	131.9

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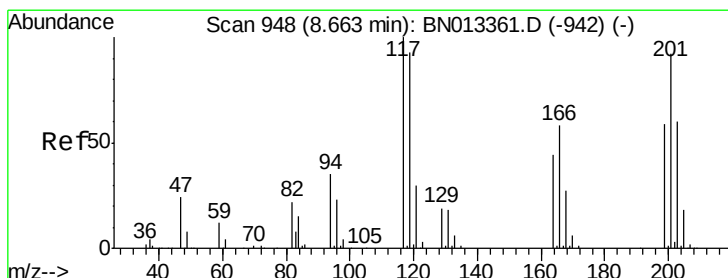


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E



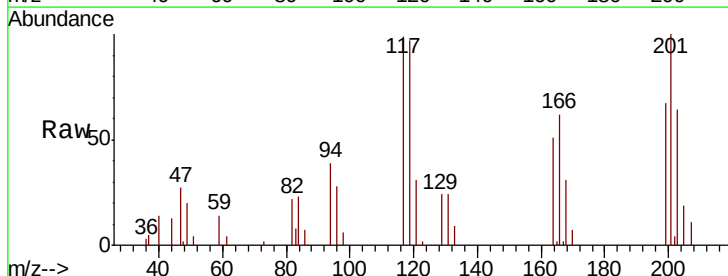
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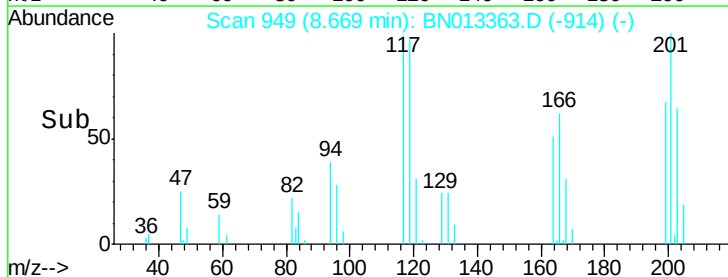
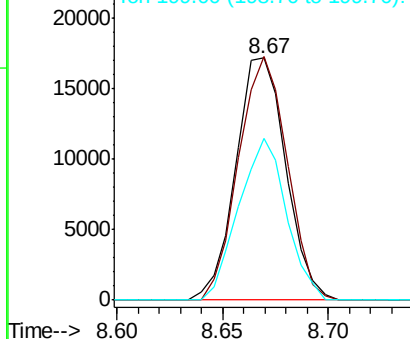


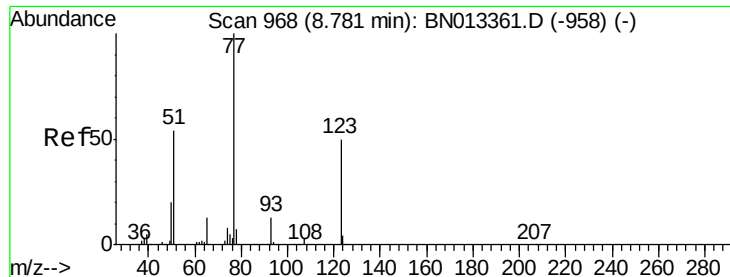
#19
Hexachloroethane
Concen: 3.013 ng/ul
RT: 8.67 min Scan# 949
Delta R.T. 0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.7	73.8	110.6
199	67.1	47.1	70.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E





#22

Nitrobenzene

Concen: 3.288 ng/ul

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

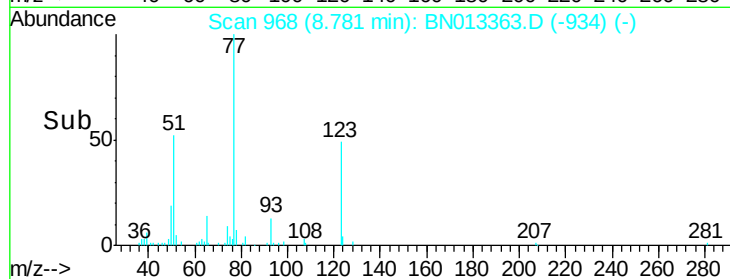
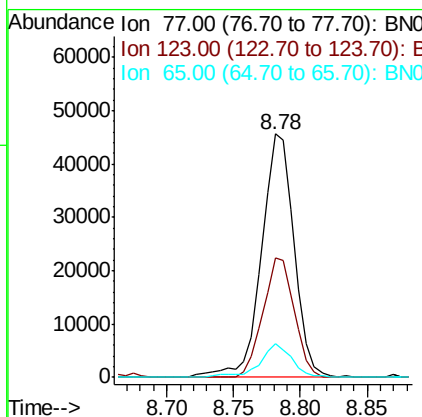
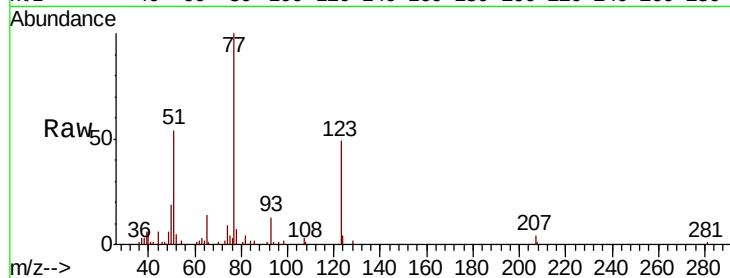
BNA_N

ClientSampleId :

MDL-SOIL-01

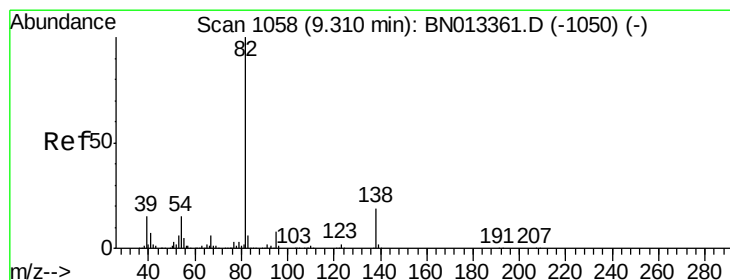
Tot Ion:	77	Resp:	77340
Ion	Ratio	Lower	Upper
77	100		
123	49.3	40.2	60.4
65	13.8	10.6	16.0

Manual Integrations
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#23

Isophorone

Concen: 2.446 ng/ul

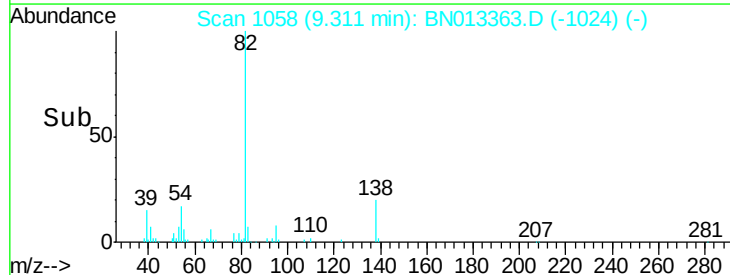
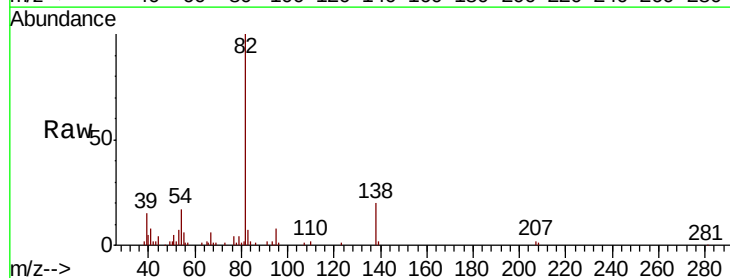
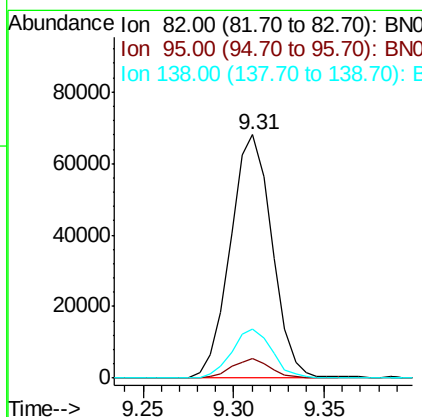
RT: 9.31 min Scan# 1058

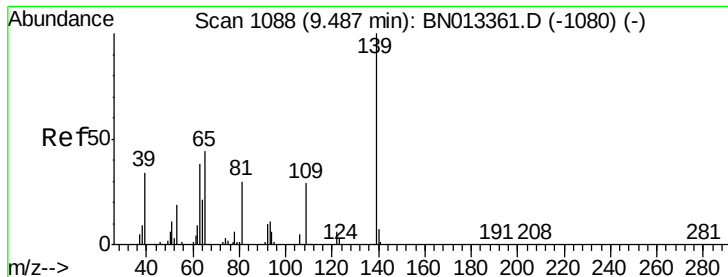
Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Tgt Ion:	82	Resp:	108815
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.1	9.1
138	20.0	15.6	23.4



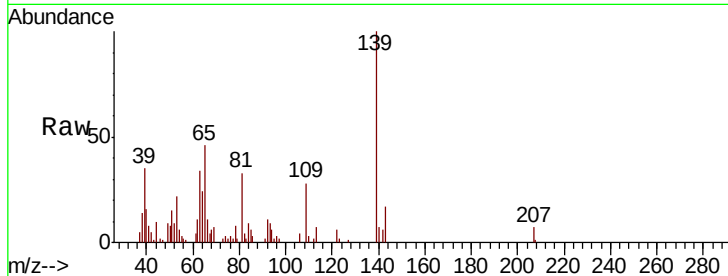


#25
2-Nitrophenol
Concen: 3.197 ng/ul
RT: 9.49 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

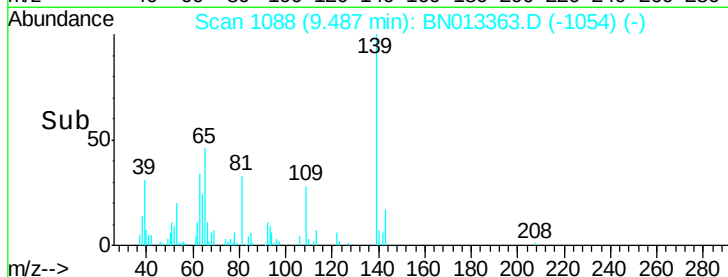
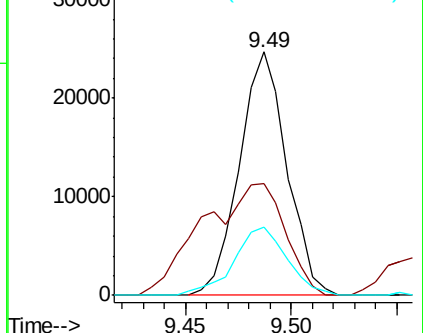
Instrument :
BNA_N
ClientSampled :
MDL-SOIL-01

Tot Ion:	139	Resp:	38504
Ion Ratio	Lower	Upper	
139	100		
65	46.1	35.9	53.9
109	28.3	23.0	34.4

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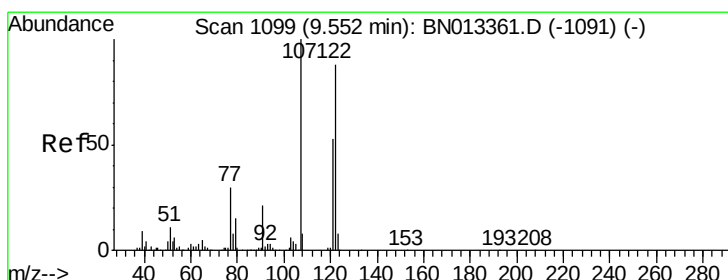


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E



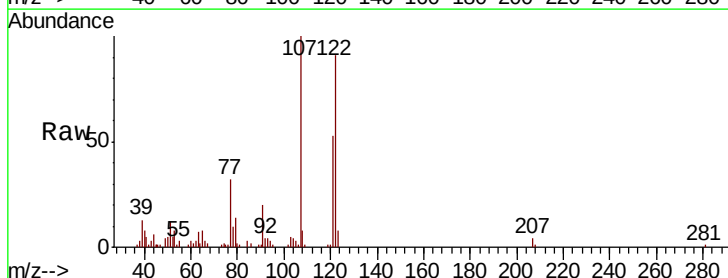
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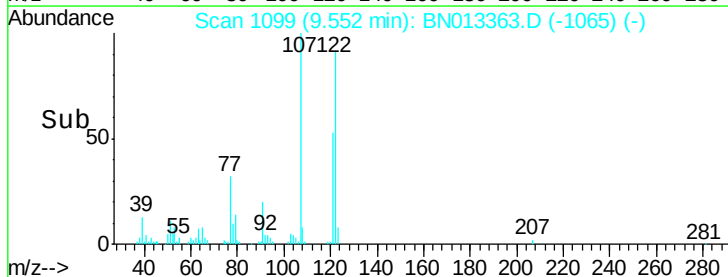
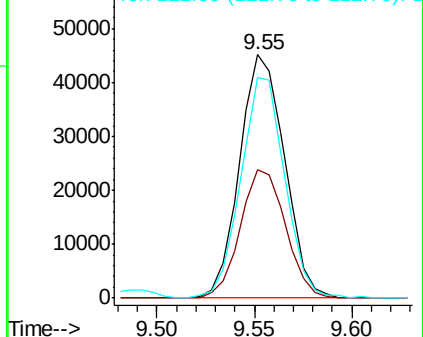


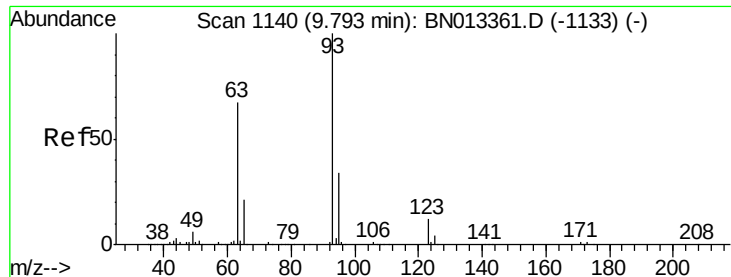
#26
2,4-Dimethylphenol
Concen: 2.965 ng/ul
RT: 9.55 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion:	107	Resp:	72107
Ion Ratio	Lower	Upper	
107	100		
121	52.6	42.2	63.2
122	90.6	71.3	106.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



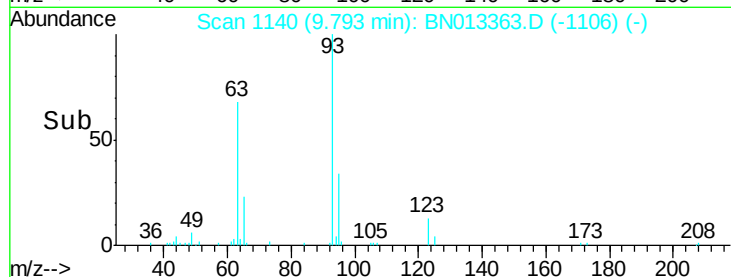
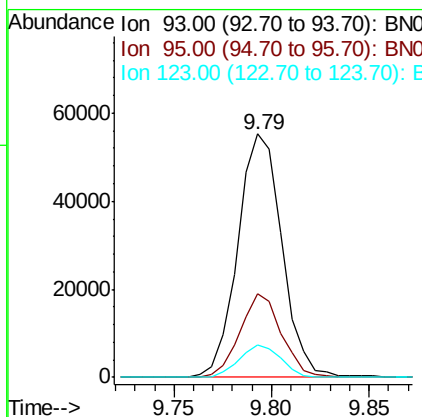
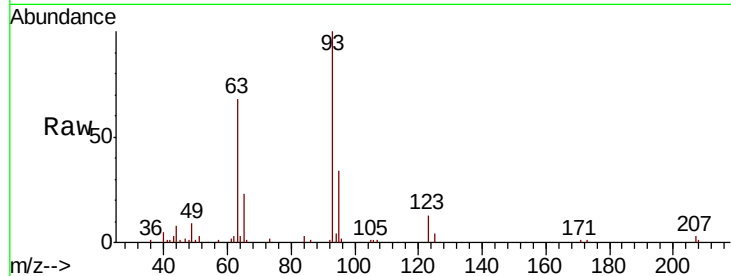


#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.007 ng/ul
 RT: 9.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BN013363.D
 Acq: 08 Jan 2021 12:13

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

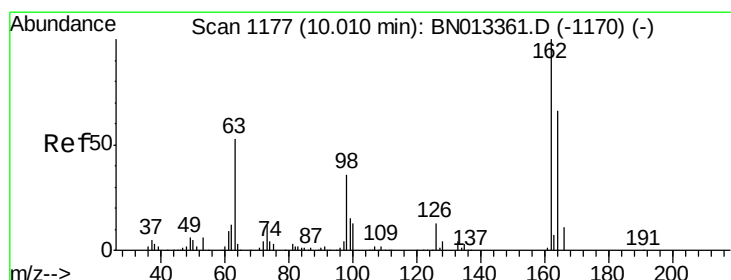
Tot Ion:	93	Resp:	86522
Ion	Ratio	Lower	Upper
93	100		
95	34.5	26.8	40.2
123	13.3	9.9	14.9

Manual Integrations
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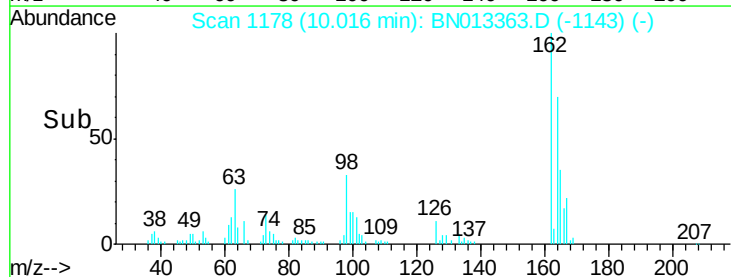
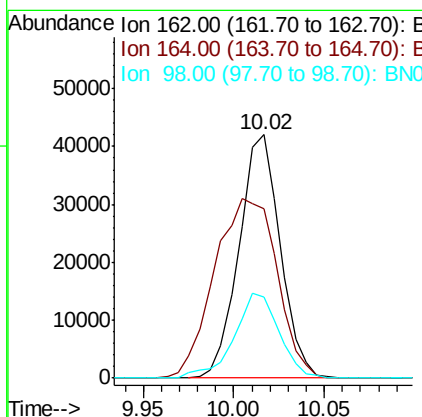
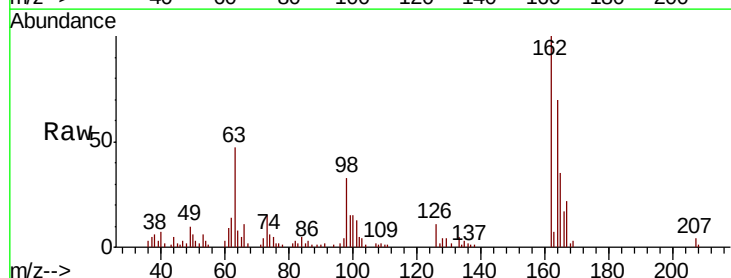
mohammad

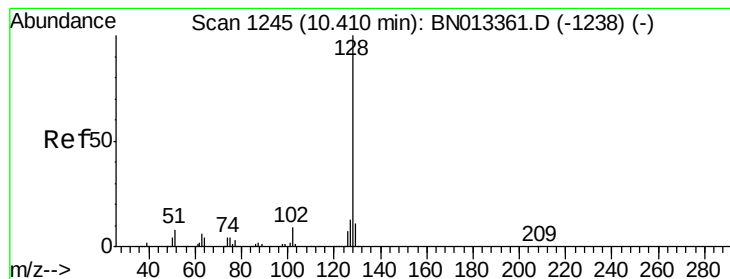
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#29
 2,4-Dichlorophenol
 Concen: 3.160 ng/ul
 RT: 10.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BN013363.D
 Acq: 08 Jan 2021 12:13

Tgt Ion:	162	Resp:	66502
Ion	Ratio	Lower	Upper
162	100		
164	69.7	53.3	79.9
98	33.4	29.0	43.6





#30

Naphthalene

Concen: 3.336 ng/ul

RT: 10.42 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

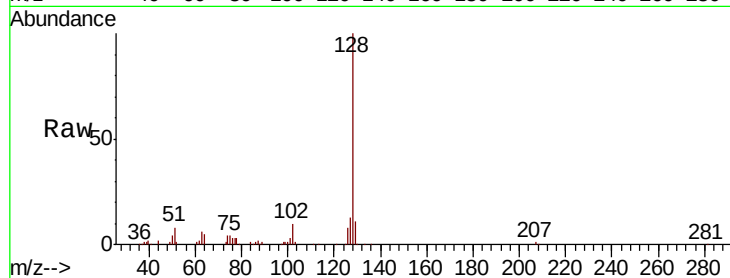
BNA_N

ClientSampleId :

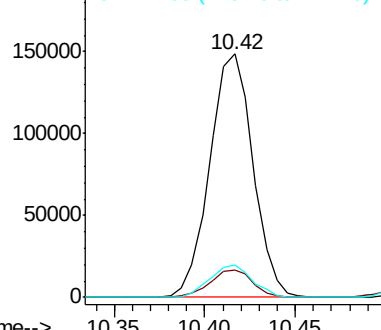
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Tot Ion:128	Resp:	246634
Ion Ratio	Lower	Upper
128 100		
129 11.2	8.8	13.2
127 13.2	10.2	15.4

Manual Integrations
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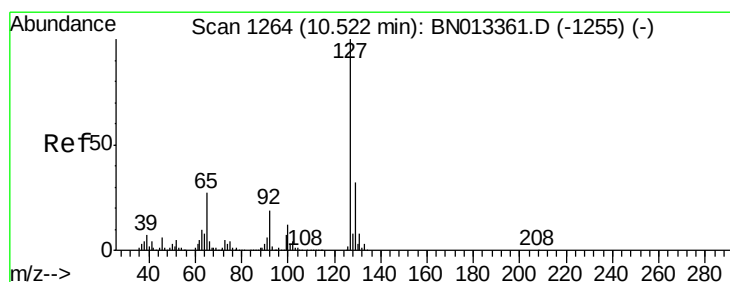
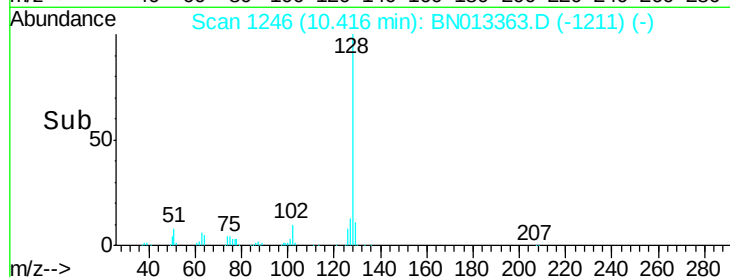


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

4-Chloroaniline

Concen: 3.457 ng/ul

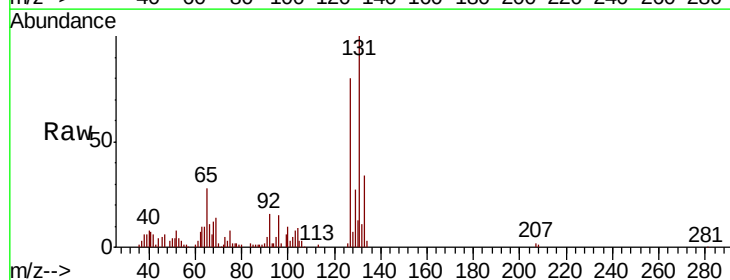
RT: 10.52 min Scan# 1264

Delta R.T. 0.00 min

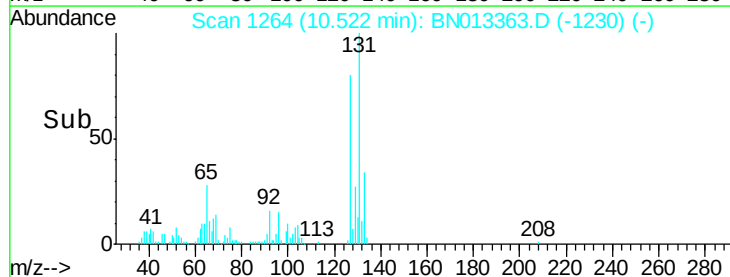
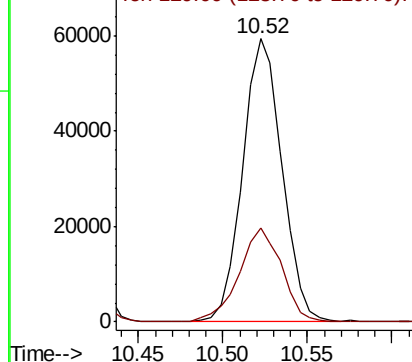
Lab File: BN013363.D

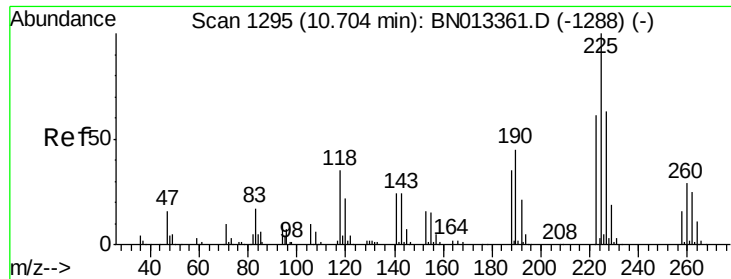
Acq: 08 Jan 2021 12:13

Tgt Ion:127	Resp:	96238
Ion Ratio	Lower	Upper
127 100		
129 33.3	25.4	38.0



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E



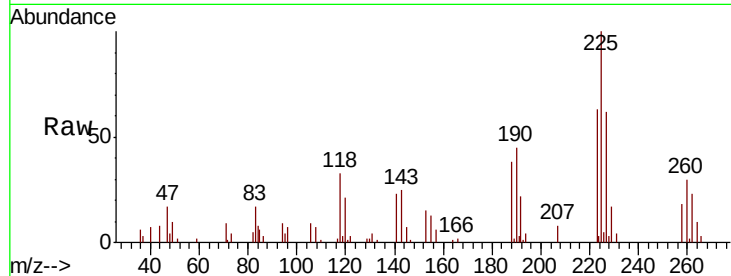


#33
Hexachlorobutadiene
Concen: 3.334 ng/ul
RT: 10.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.7	73.1
227	62.3	50.2	75.4

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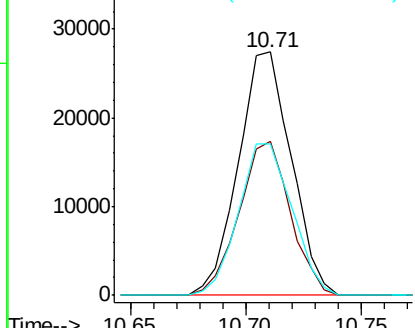


Abundance

Ion 225.00 (224.70 to 225.70): E

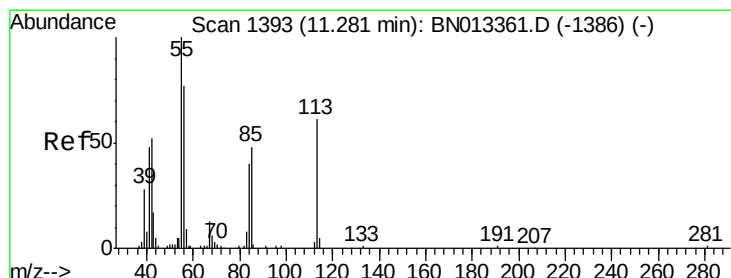
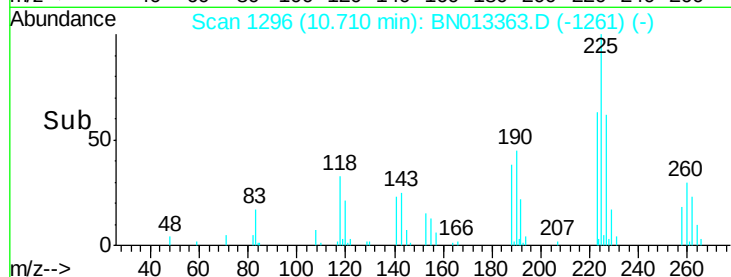
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



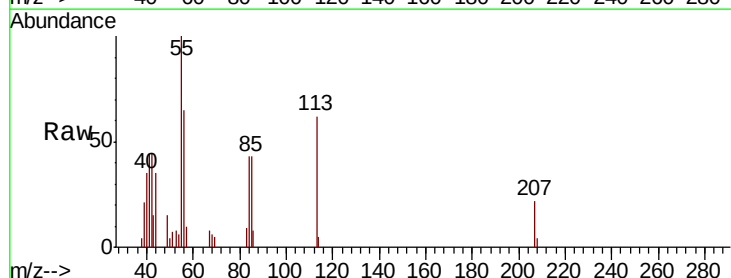
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#34
Caprolactam
Concen: 1.922 ng/ul m
RT: 11.30 min Scan# 1397
Delta R.T. 0.02 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
113	100		
55	161.7	130.5	195.7
56	105.4	101.0	151.6

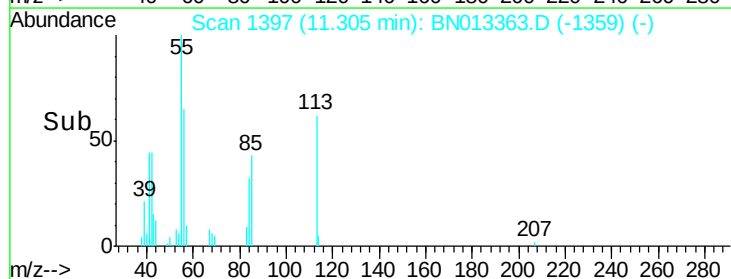
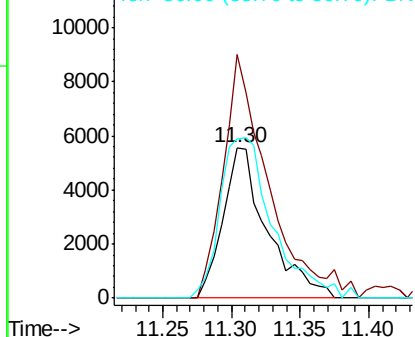


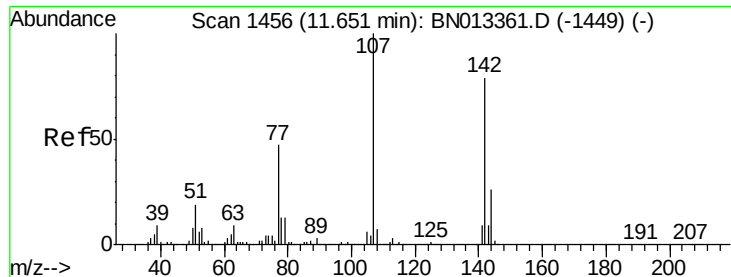
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



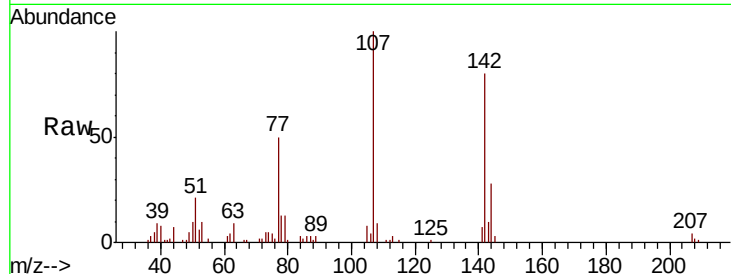


#35
4-Chloro-3-methylphenol
Concen: 2.568 ng/ul
RT: 11.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.0	21.2	31.8
142	79.5	63.2	94.8

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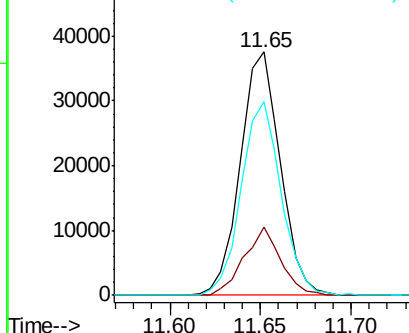


Abundance

Ion 107.00 (106.70 to 107.70): E

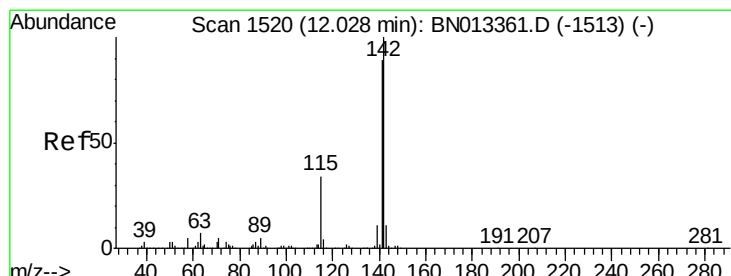
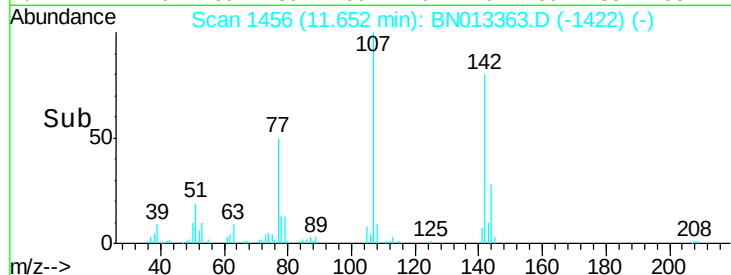
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



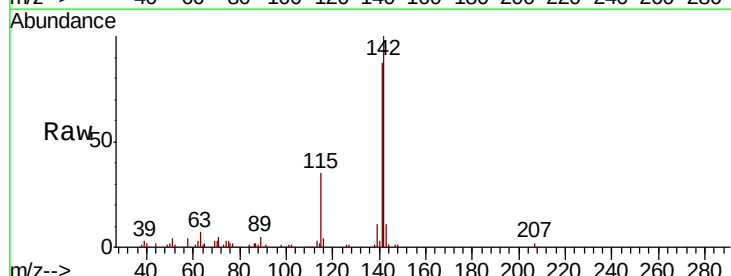
mohammad

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#36
2-Methylnaphthalene
Concen: 3.268 ng/ul
RT: 12.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

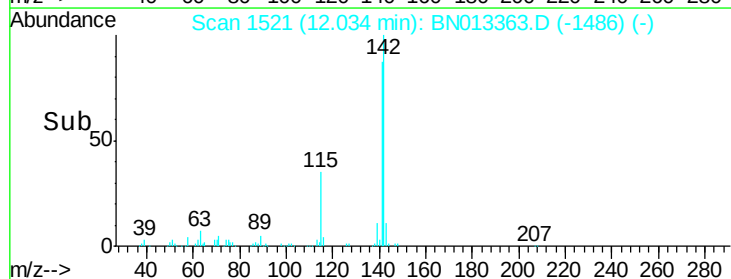
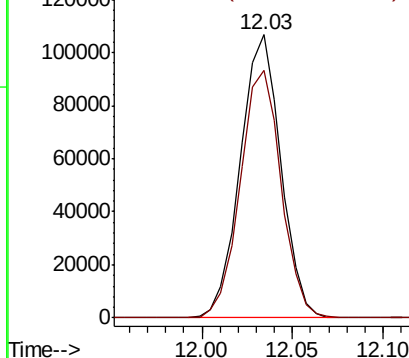
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.5	107.3

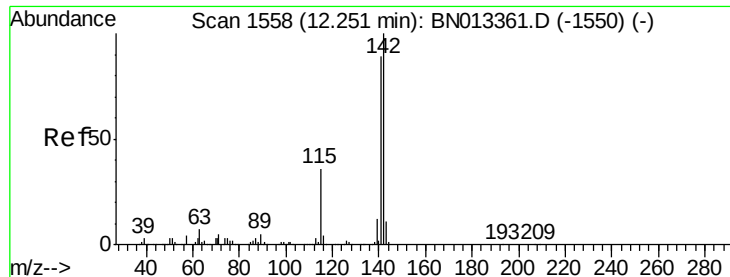


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



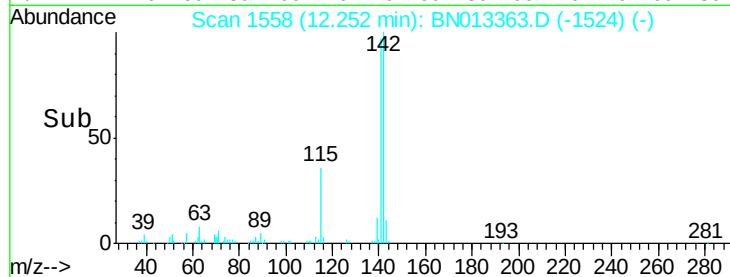
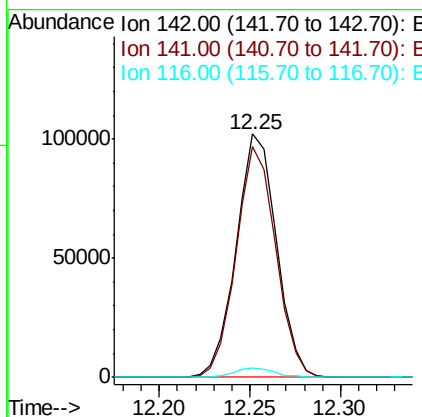
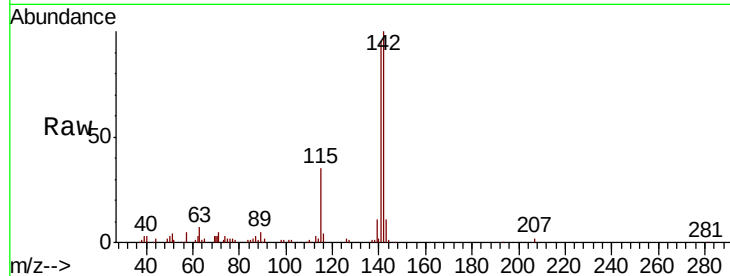


#37
 1-Methylnaphthalene
 Concen: 3.223 ng/ul
 RT: 12.25 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BN013363.D
 Acq: 08 Jan 2021 12:13

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

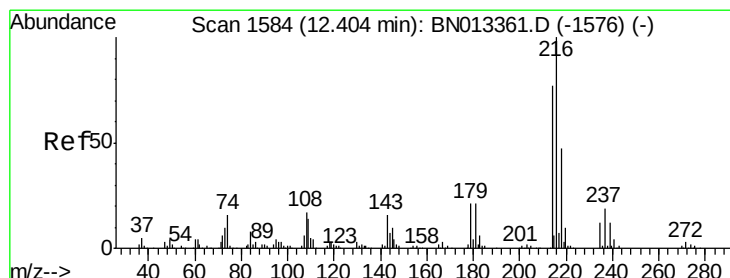
Tot Ion:	142	Resp:	157924
Ion Ratio	Lower	Upper	
142	100		
141	94.9	71.4	107.2
116	3.7	2.9	4.3

Manual Integrations
 APPROVED



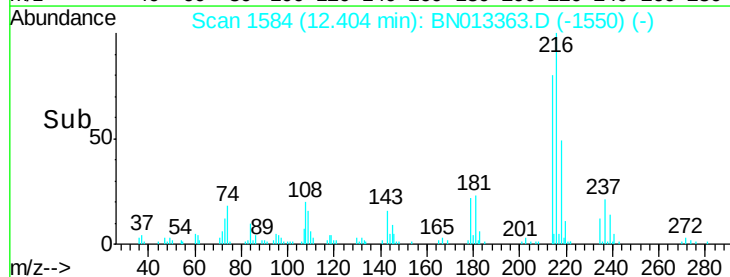
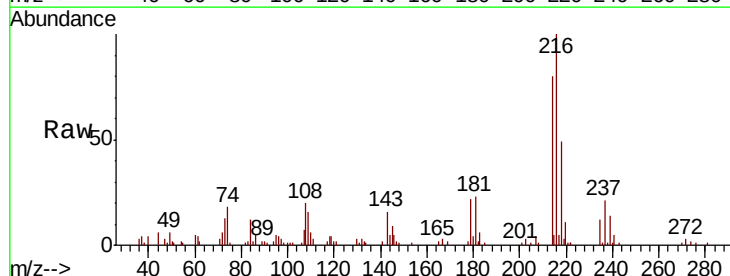
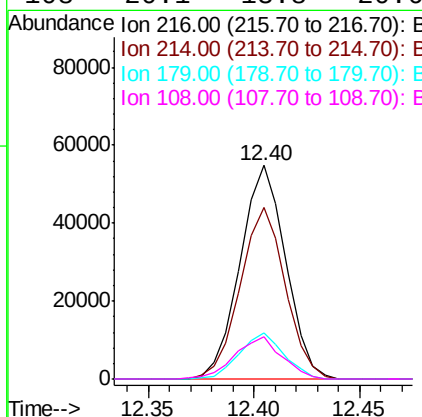
mohammad

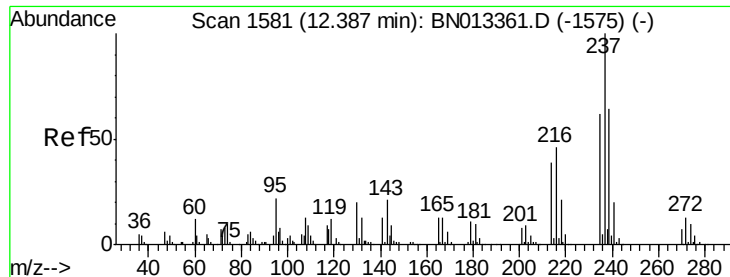
1/11/2021 1:40:37 PM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.383 ng/ul
 RT: 12.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BN013363.D
 Acq: 08 Jan 2021 12:13

Tgt Ion:	216	Resp:	82129
Ion Ratio	Lower	Upper	
216	100		
214	80.4	61.6	92.4
179	21.5	16.7	25.1
108	20.1	13.8	20.6





#40

Hexachlorocyclopentadiene

Concen: 3.421 ng/ul

RT: 12.39 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

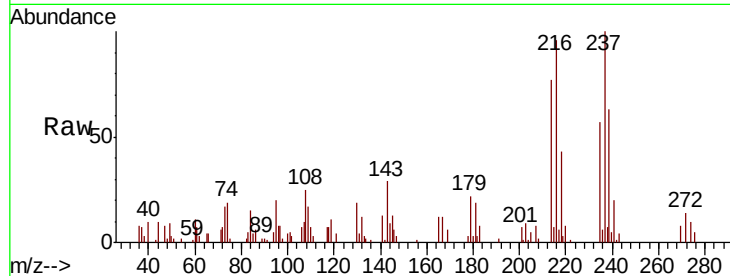
BNA_N

ClientSampleId :

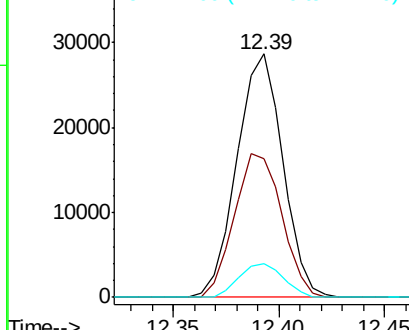
MDL-SOIL-01

Tot Ion:	237	Resp:	43281
Ion Ratio	Lower	Upper	
237	100		
235	62.5	49.9	74.9
272	13.8	10.1	15.1

Manual Integrations
APPROVED

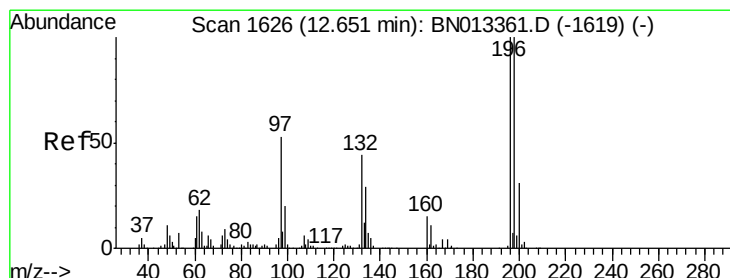
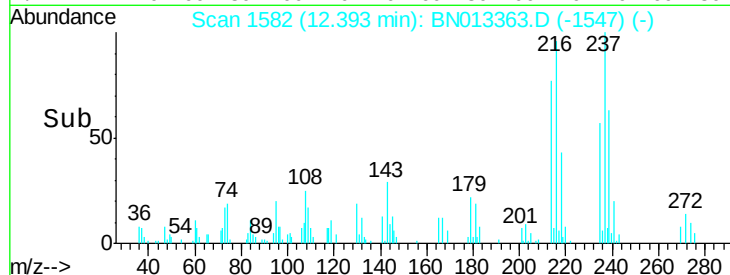


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E



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#41

2,4,6-Trichlorophenol

Concen: 2.365 ng/ul

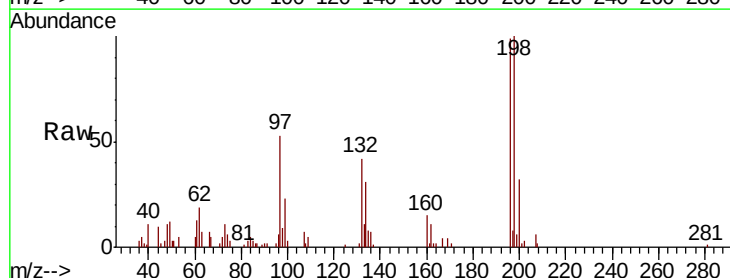
RT: 12.65 min Scan# 1626

Delta R.T. 0.00 min

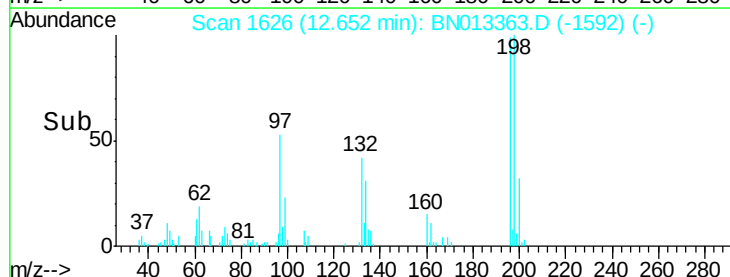
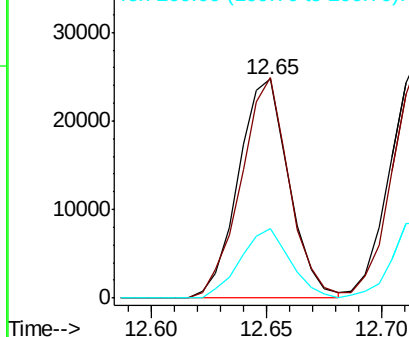
Lab File: BN013363.D

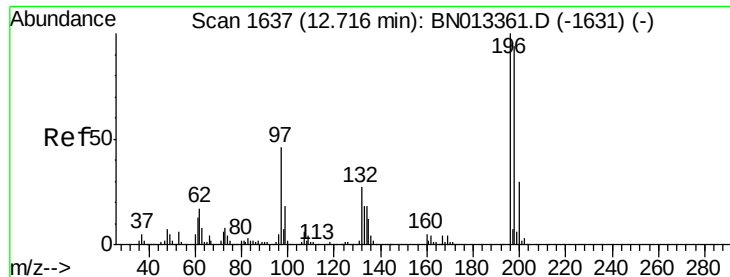
Acq: 08 Jan 2021 12:13

Tgt Ion:	196	Resp:	37873
Ion Ratio	Lower	Upper	
196	100		
198	100.6	79.6	119.4
200	31.9	25.1	37.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



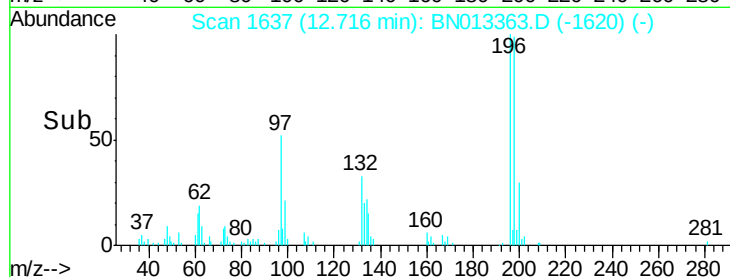
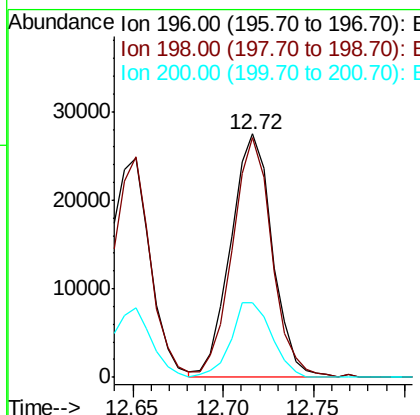
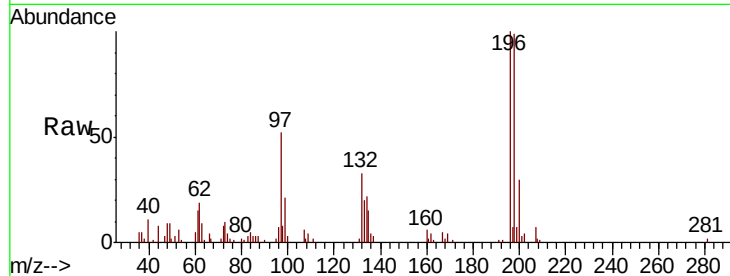


#42
2,4,5-Trichlorophenol
Concen: 2.585 ng/ul
RT: 12.72 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

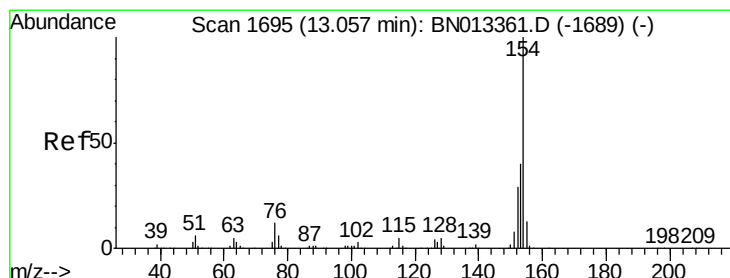
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.7	75.3	112.9
200	30.5	24.1	36.1

Manual Integrations
APPROVED



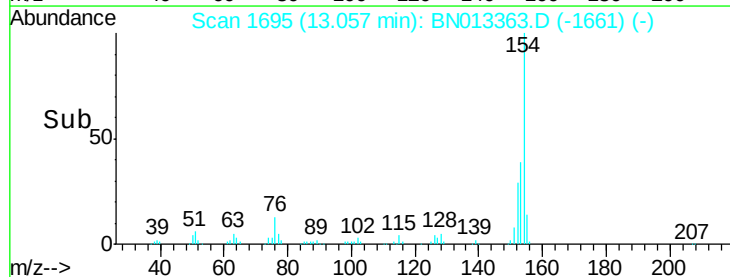
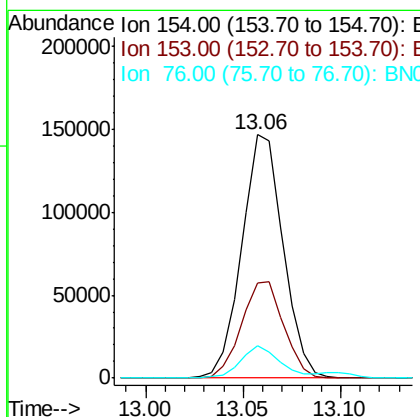
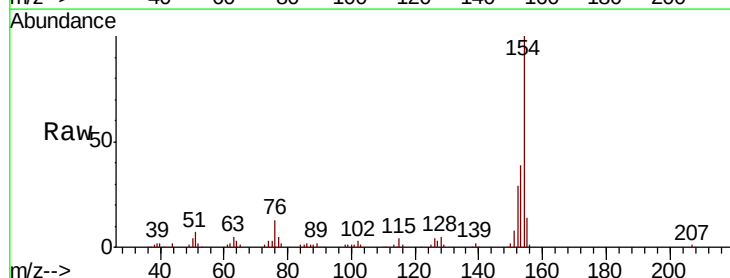
mohammad

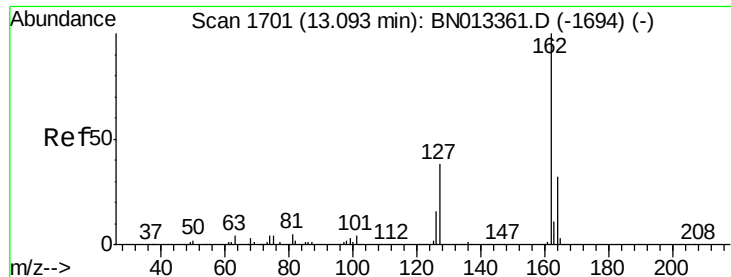
1/11/2021 1:40:37 PM



#43
1,1'-Biphenyl
Concen: 3.314 ng/ul
RT: 13.06 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	32.1	48.1
76	13.2	10.0	15.0



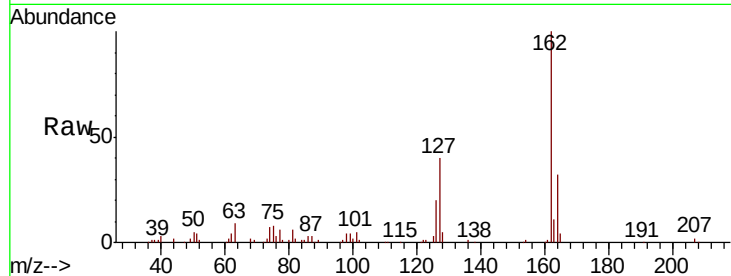


#44
2-Chloronaphthalene
Concen: 3.258 ng/ul
RT: 13.09 min Scan# 1701
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.4	25.8	38.6
127	40.3	32.6	49.0

Manual Integrations
APPROVED

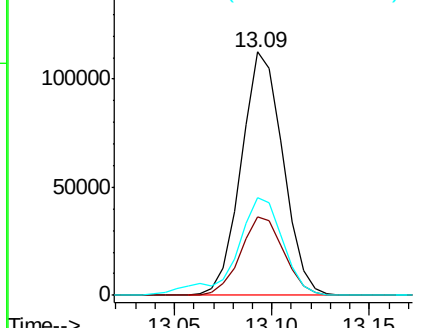


Abundance

Ion 162.00 (161.70 to 162.70): E

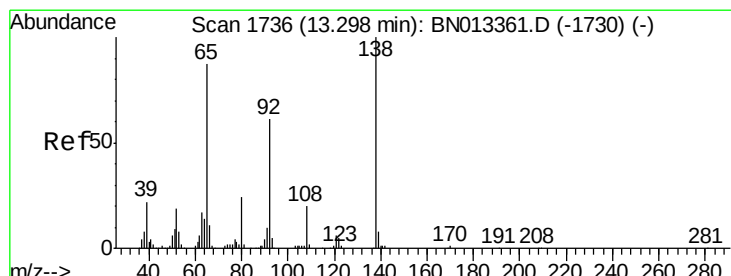
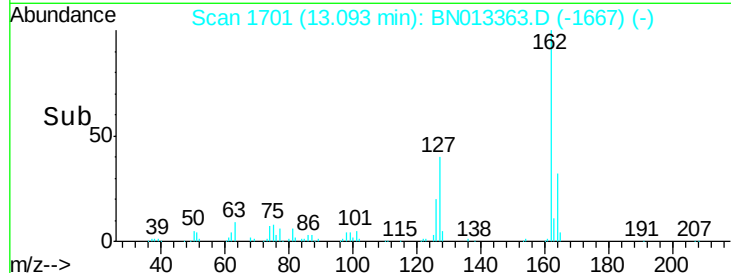
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



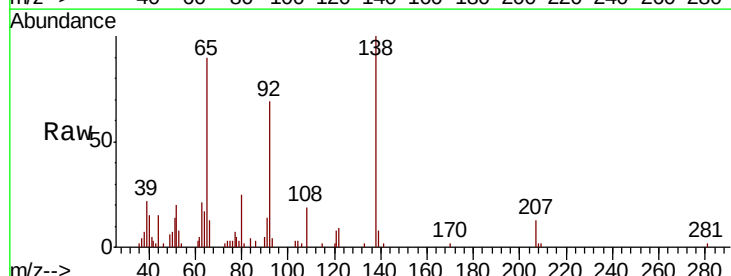
mohammad

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#45
2-Nitroaniline
Concen: 2.074 ng/ul
RT: 13.30 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	56.2	84.4
138	111.1	91.5	137.3

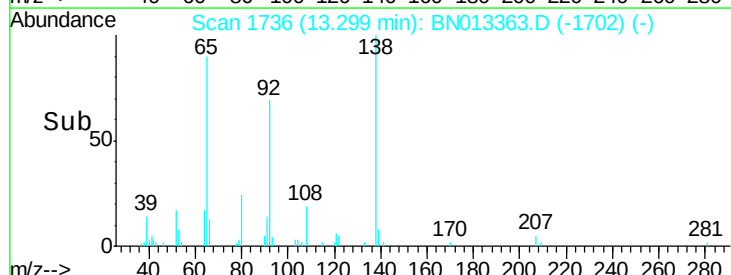
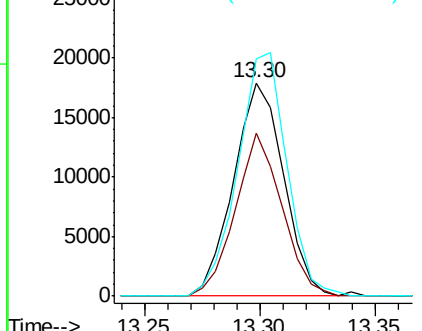


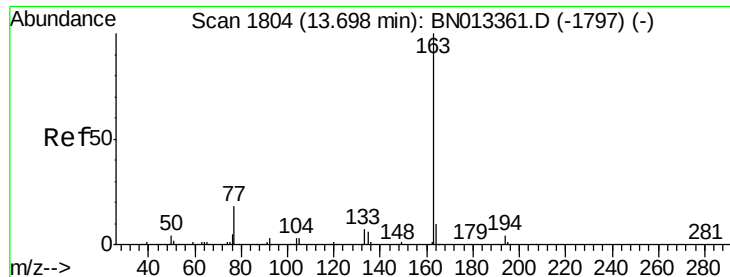
Abundance

Ion 65.00 (64.70 to 65.70): BNO

Ion 92.00 (91.70 to 92.70): BNO

Ion 138.00 (137.70 to 138.70): E



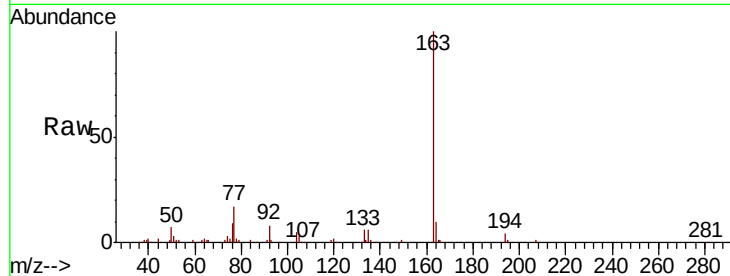


#47
Dimethylphthalate
Concen: 3.194 ng/ul
RT: 13.70 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

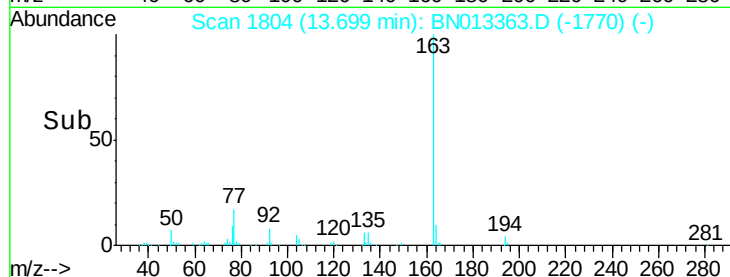
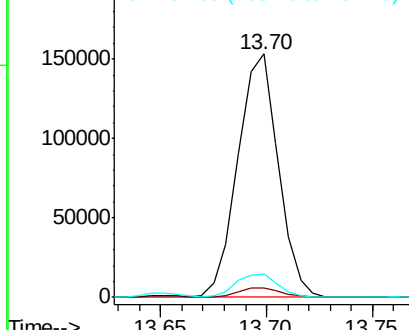
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion:	163	Resp:	204481
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	9.8	8.2	12.4

Manual Integrations
APPROVED

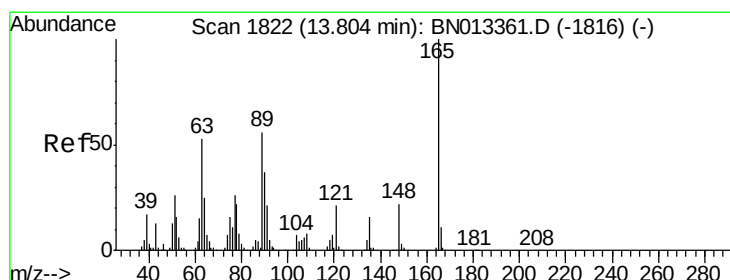


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



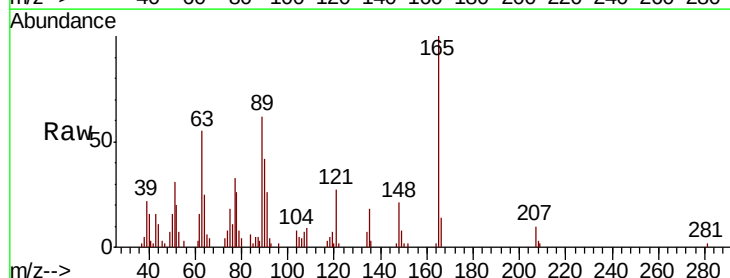
mohammad

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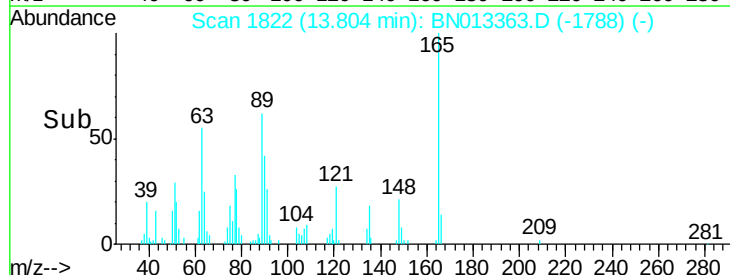
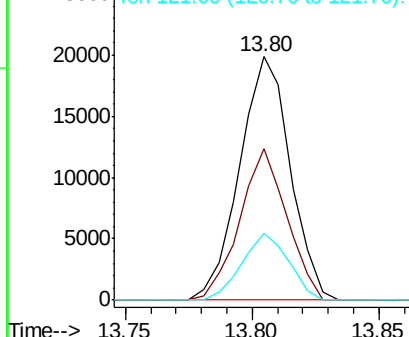


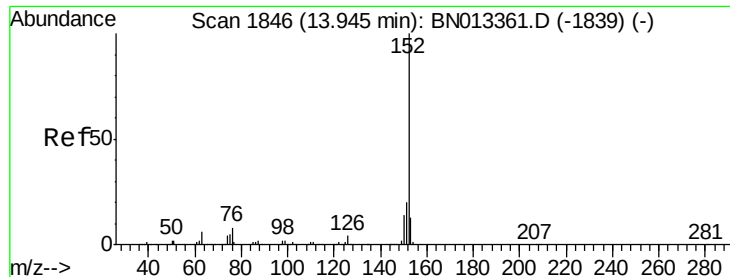
#48
2,6-Dinitrotoluene
Concen: 2.278 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion:	165	Resp:	27662
Ion Ratio	Lower	Upper	
165	100		
89	62.0	45.0	67.4
121	27.4	17.0	25.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNC
Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 3.302 ng/ul

RT: 13.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

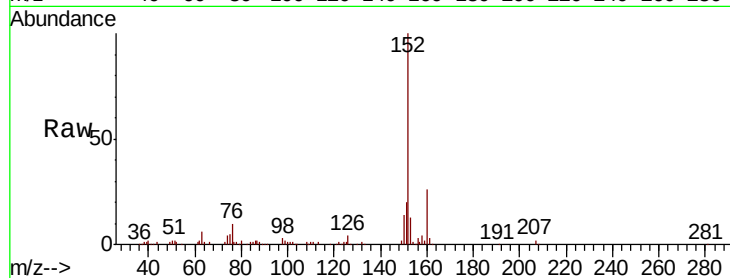
BNA_N

ClientSampleId :

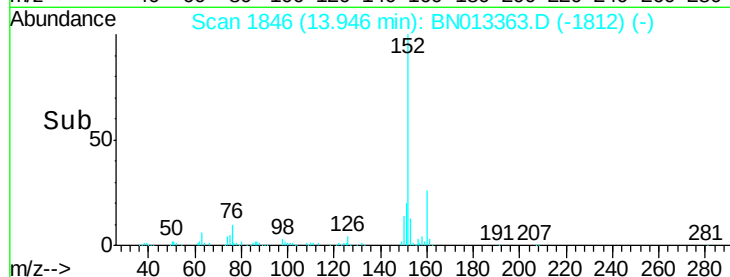
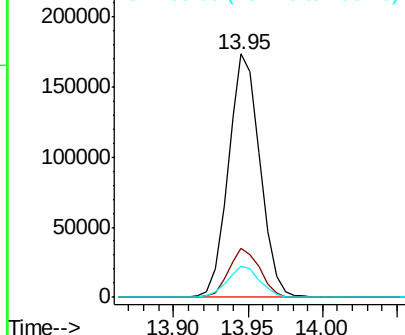
MDL-SOIL-01

Tot Ion:	152	Resp:	256952
Ion Ratio		Lower	Upper
152	100		
151	20.2	15.8	23.6
153	12.8	10.6	15.8

Manual Integrations
APPROVED

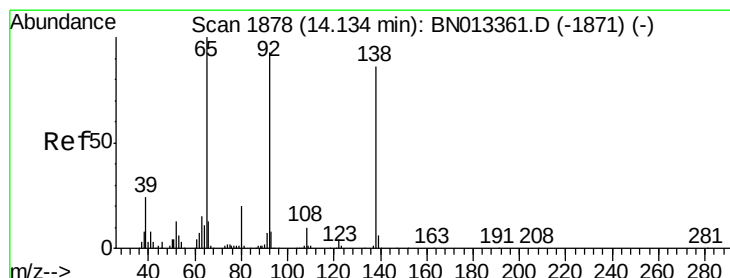


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#51

3-Nitroaniline

Concen: 2.590 ng/ul

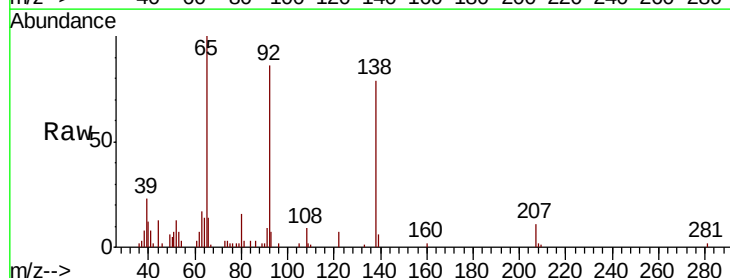
RT: 14.13 min Scan# 1877

Delta R.T. -0.01 min

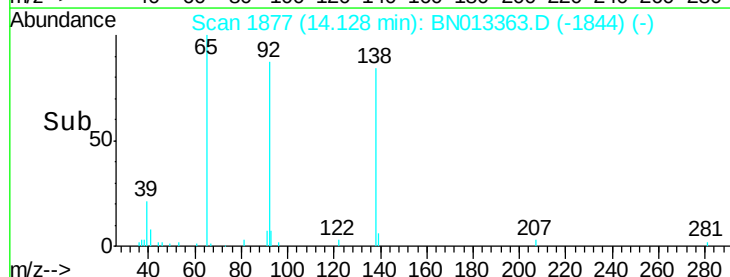
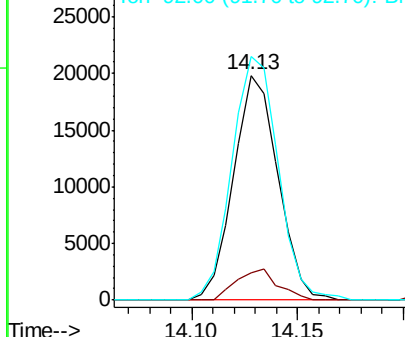
Lab File: BN013363.D

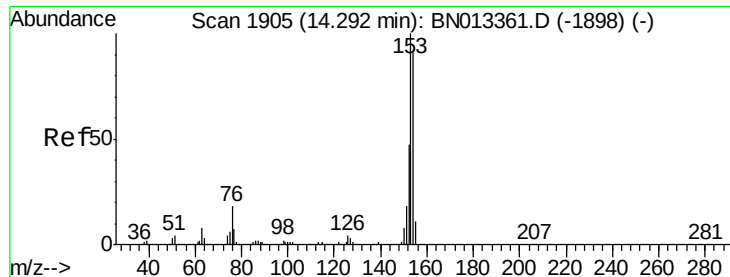
Acq: 08 Jan 2021 12:13

Tgt Ion:	138	Resp:	29006
Ion Ratio		Lower	Upper
138	100		
108	11.9	9.0	13.4
92	108.4	86.7	130.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC





#52

Acenaphthene

Concen: 3.321 ng/ul

RT: 14.29 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

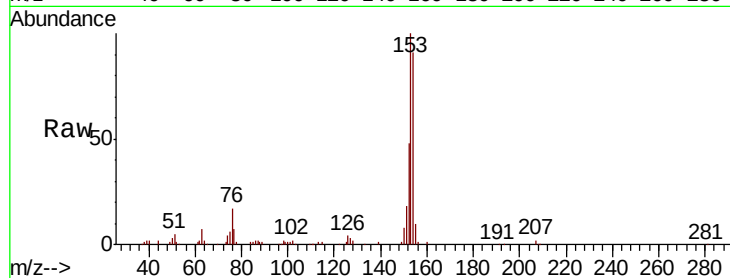
BNA_N

ClientSampled :

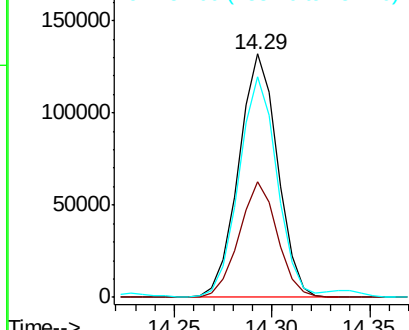
MDL-SOIL-01

Tot Ion:	153	Resp:	182341
Ion Ratio	Lower	Upper	
153	100		
152	47.5	37.4	56.2
154	90.6	72.7	109.1

Manual Integrations
APPROVED

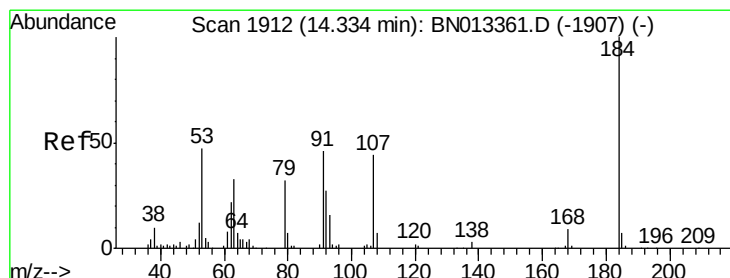
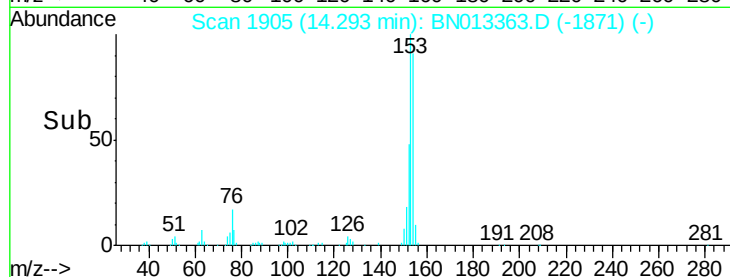


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



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#53

2,4-Dinitrophenol

Concen: 1.655 ng/ul

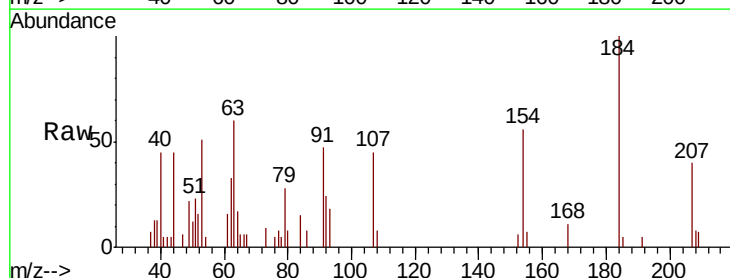
RT: 14.33 min Scan# 1912

Delta R.T. 0.00 min

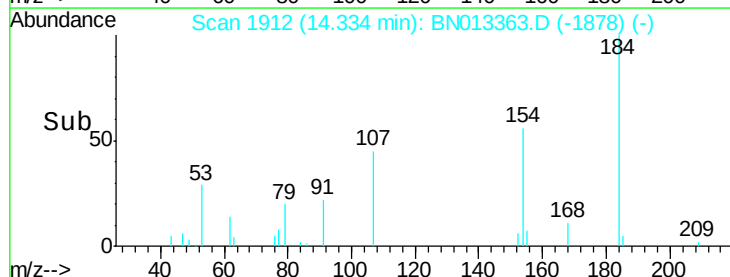
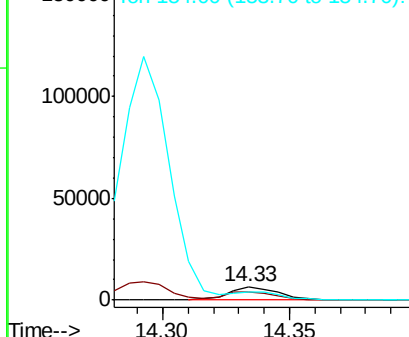
Lab File: BN013363.D

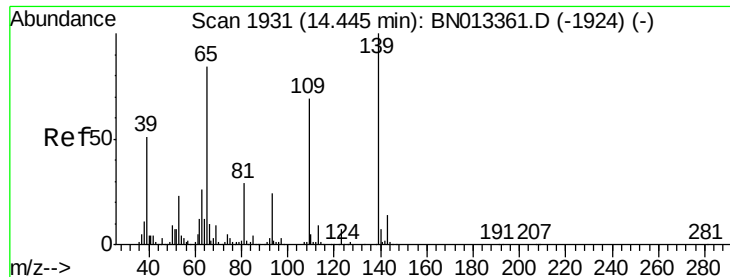
Acq: 08 Jan 2021 12:13

Tgt Ion:	184	Resp:	9008
Ion Ratio	Lower	Upper	
184	100		
63	60.0	53.5	80.3
154	56.0	49.8	74.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BN0
Ion 154.00 (153.70 to 154.70): E



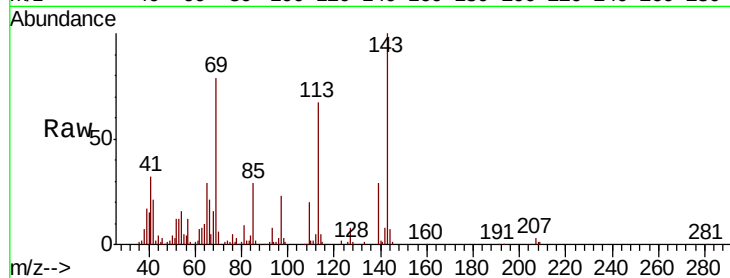


#55
4-Nitrophenol
Concen: 3.123 ng/ul
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
109	100		
139	144.5	115.7	173.5
65	146.3	97.9	146.9

Manual Integrations
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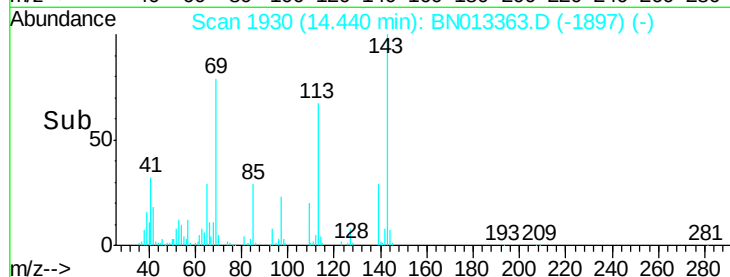
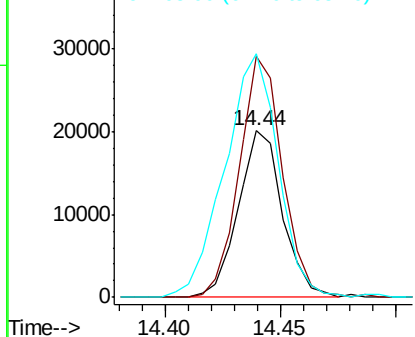


Abundance

Ion 109.00 (108.70 to 109.70): E

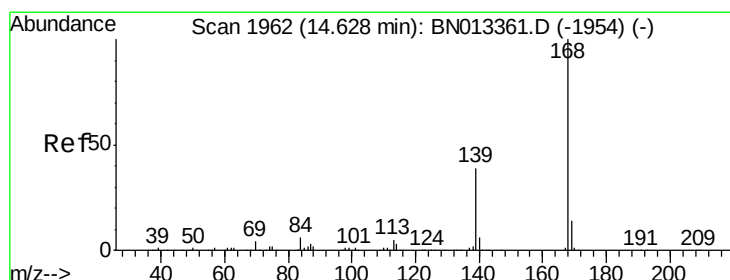
Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



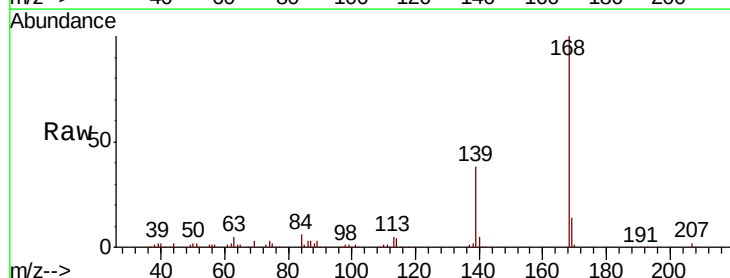
mohammad

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#56
Dibenzofuran
Concen: 3.352 ng/ul
RT: 14.63 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

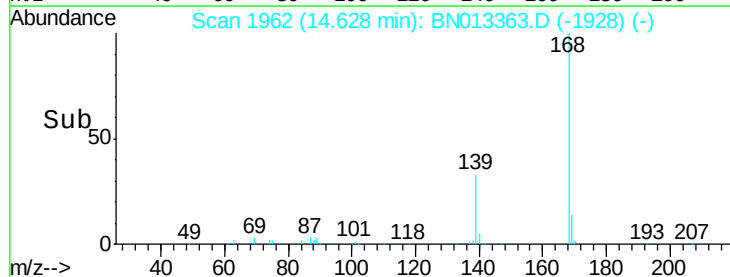
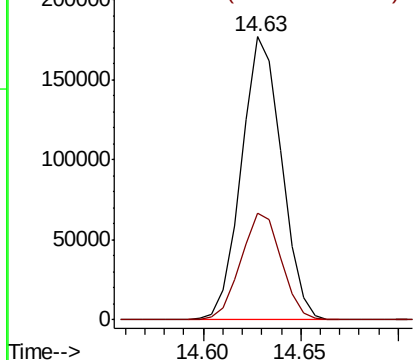
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.5	47.3

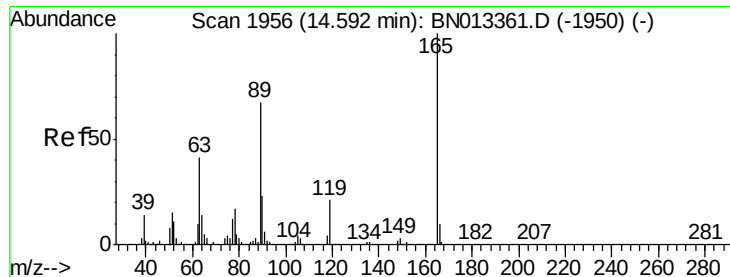


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



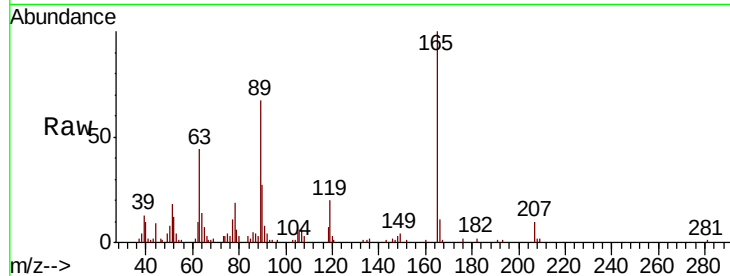


#57
2,4-Dinitrotoluene
Concen: 2.487 ng/ul
RT: 14.59 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-01

Tot Ion	Ratio	Resp	Lower	Upper
165	100	43035		
63	44.5	32.6	48.8	
182	1.9	2.4	3.6	

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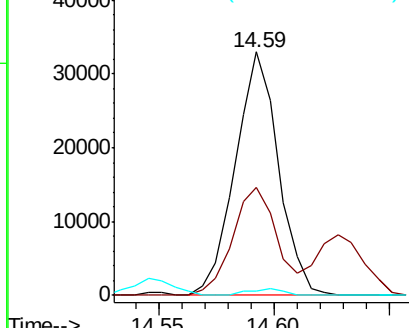


Abundance

Ion 165.00 (164.70 to 165.70): E

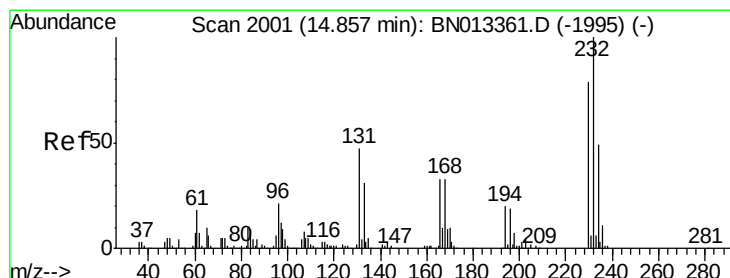
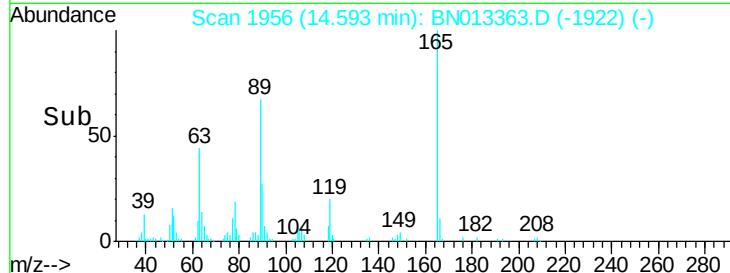
Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



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#58
2,3,4,6-Tetrachlorophenol
Concen: 2.376 ng/ul
RT: 14.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	34183		
131	48.4	37.5	56.3	
130	2.2	1.9	2.9	
166	30.2	26.7	40.1	

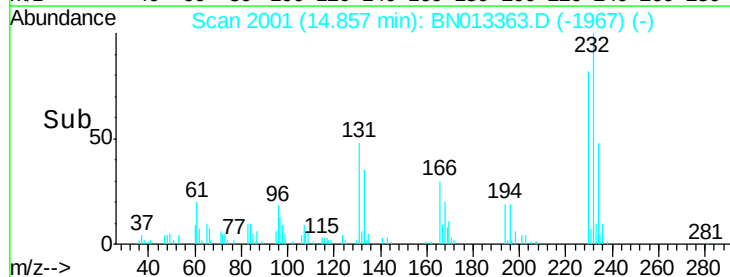
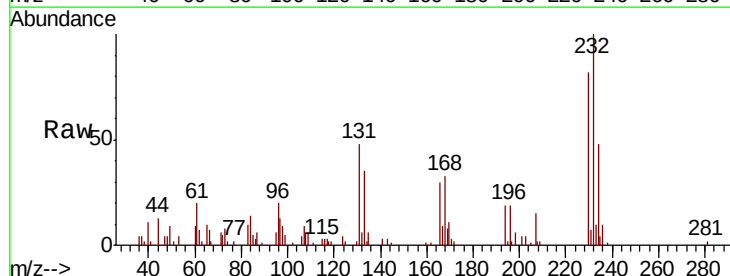
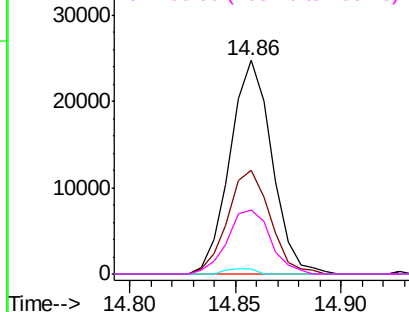
Abundance

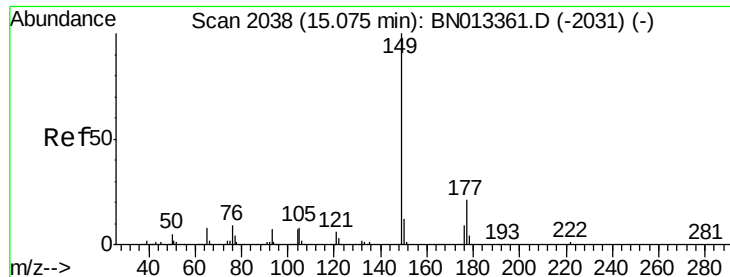
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



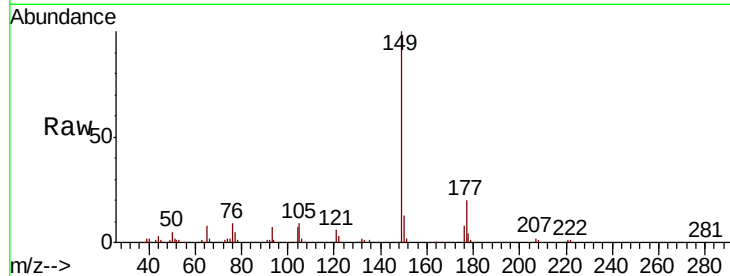


#59
Diethylphthalate
Concen: 2.756 ng/ul
RT: 15.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

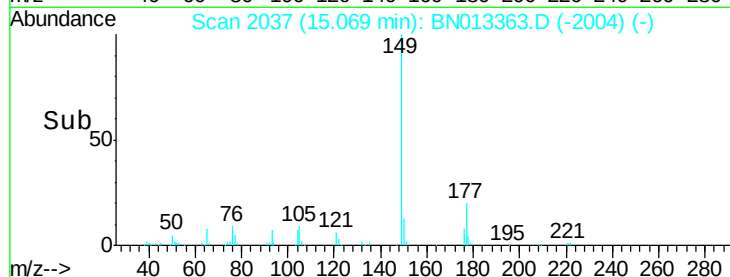
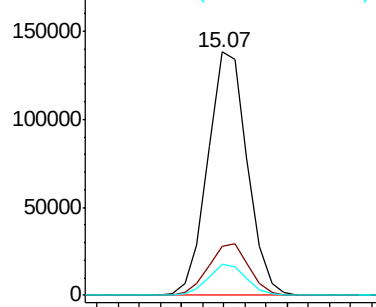
Instrument :
BNA_N
ClientSampled :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.1	25.7
150	12.6	10.0	15.0

Manual Integrations
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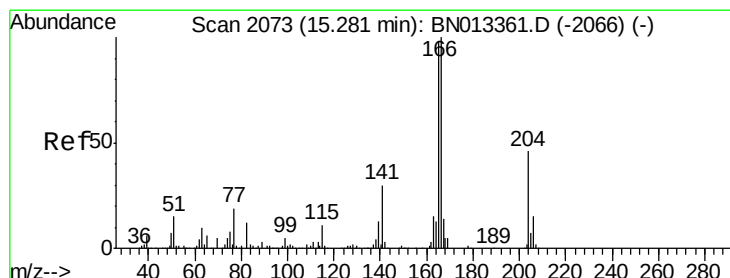


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



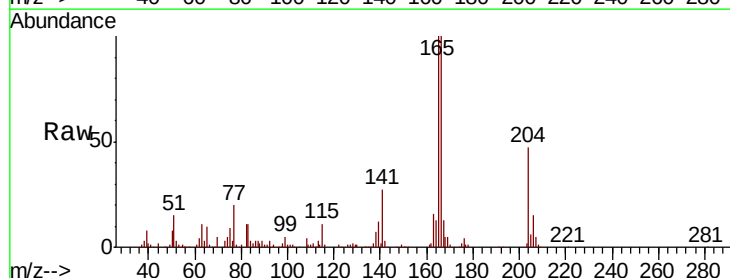
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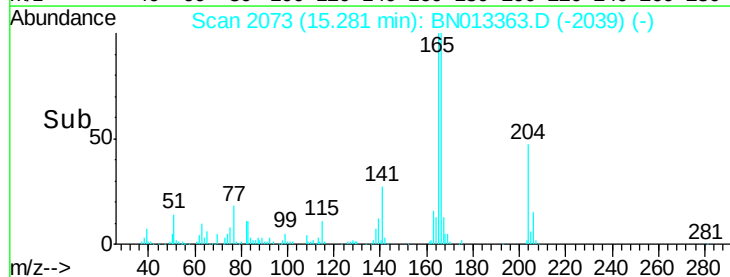
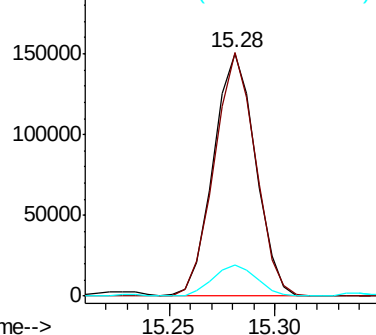


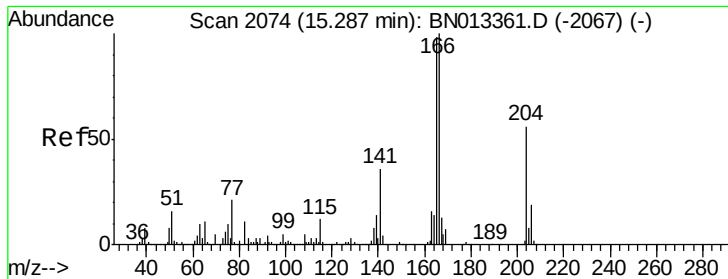
#61
Fluorene
Concen: 3.414 ng/ul
RT: 15.28 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.3	117.5
167	12.9	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



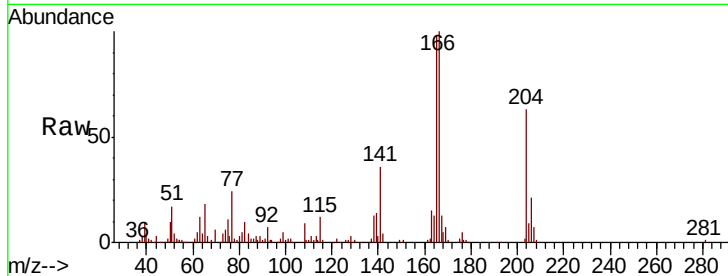


#62
4-Chlorophenyl-phenylether
Concen: 3.493 ng/ul
RT: 15.29 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-01

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.6	27.6	41.4
141	56.8	50.6	76.0

Manual Integrations
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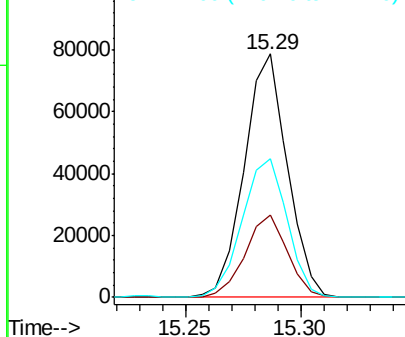


Abundance

Ion 204.00 (203.70 to 204.70): E

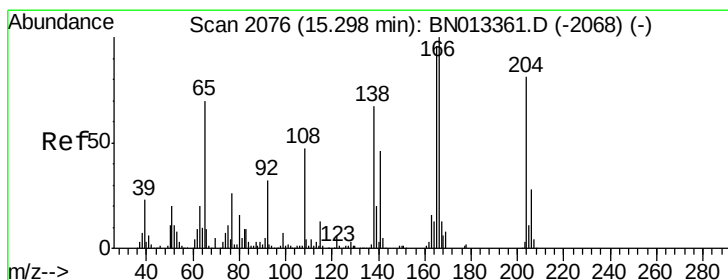
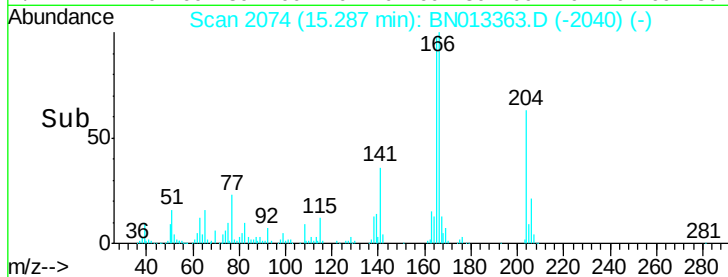
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



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#63
4-Nitroaniline
Concen: 2.893 ng/ul
RT: 15.29 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

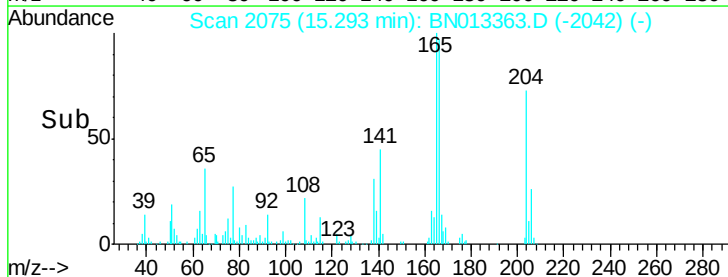
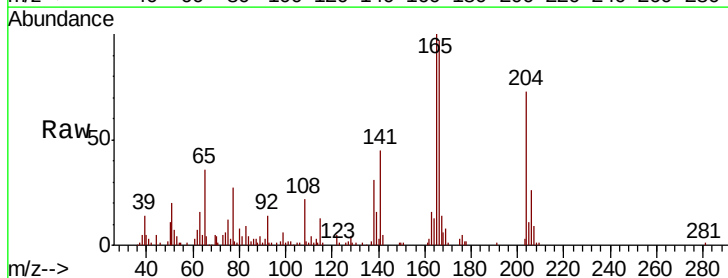
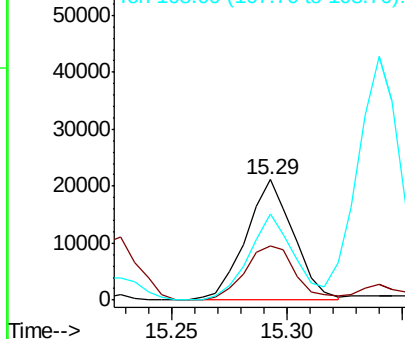
Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	44.6	38.1	57.1
108	71.2	56.5	84.7

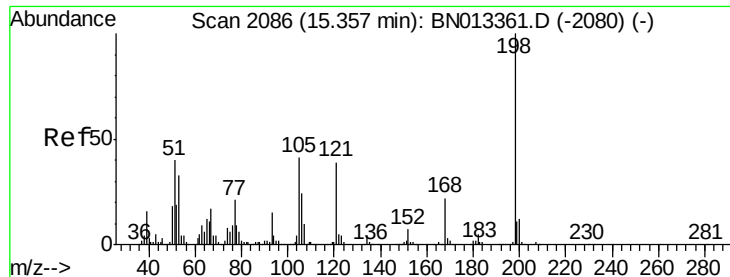
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNO

Ion 108.00 (107.70 to 108.70): E



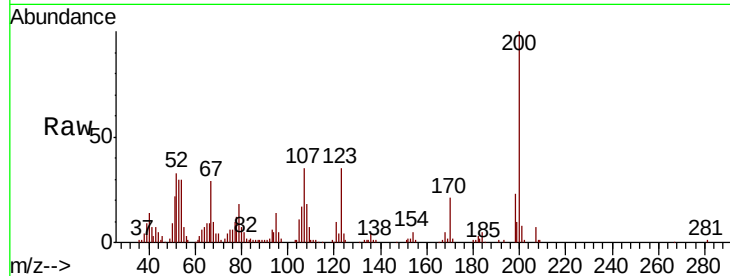


#66
4,6-Dinitro-2-methylphenol
Concen: 3.091 ng/ul
RT: 15.35 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

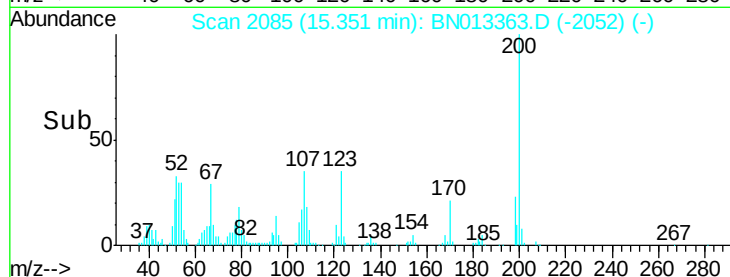
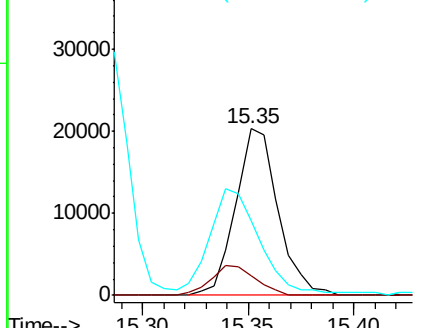
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
198	100		
182	12.1	3.8	5.6#
77	44.6	17.6	26.4#

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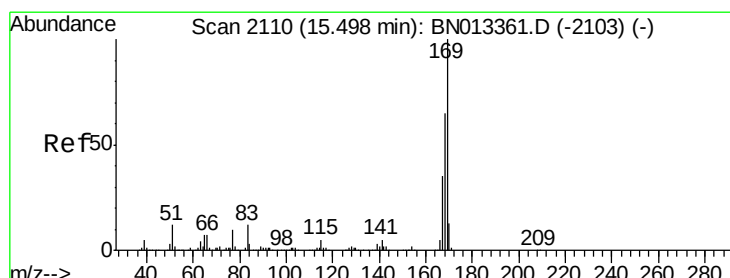


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BNO



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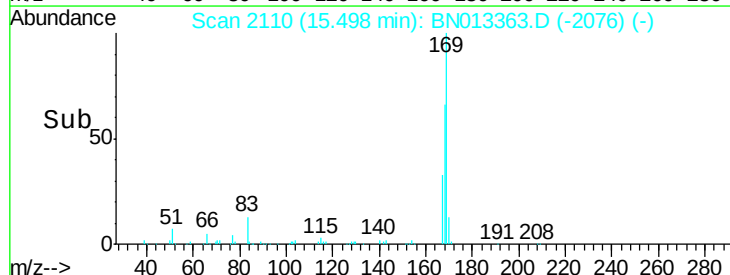
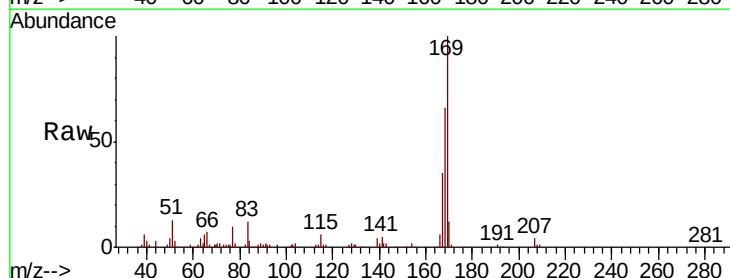
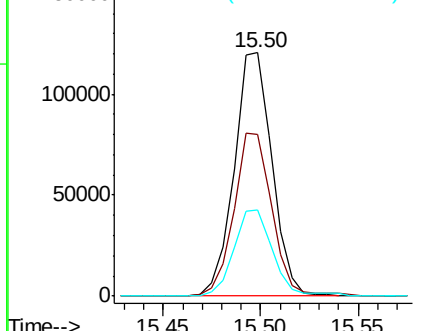
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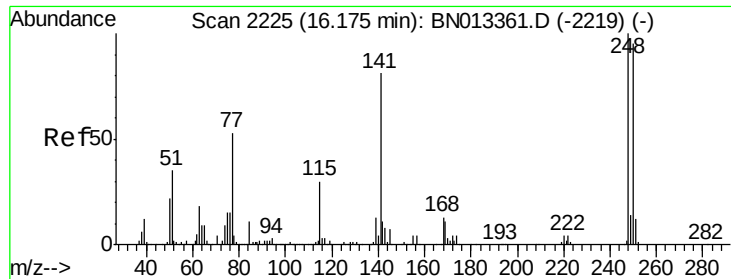


#67
N-Nitrosodiphenylamine
Concen: 3.059 ng/ul
RT: 15.50 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	51.7	77.5
167	35.3	27.8	41.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



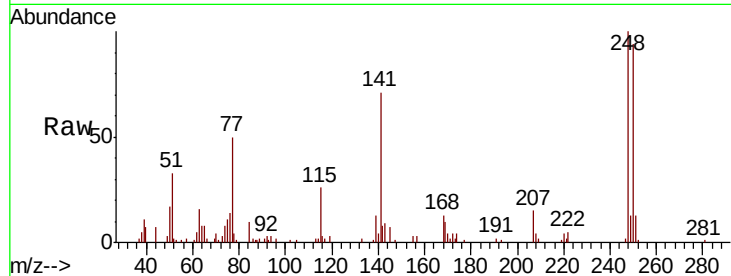


#68
4-Bromophenyl-phenylether
Concen: 3.118 ng/ul
RT: 16.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.1	75.8	113.6
141	71.5	64.4	96.6

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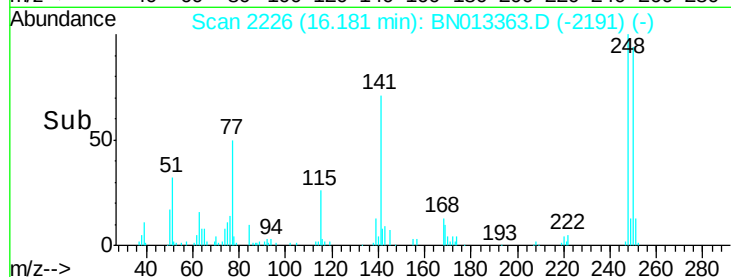
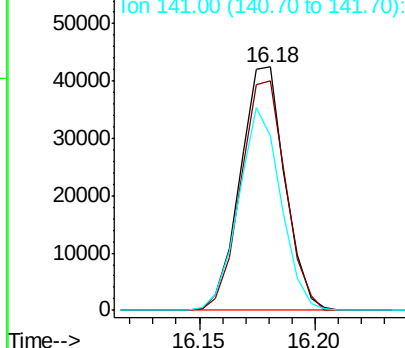


Abundance

Ion 248.00 (247.70 to 248.70): E

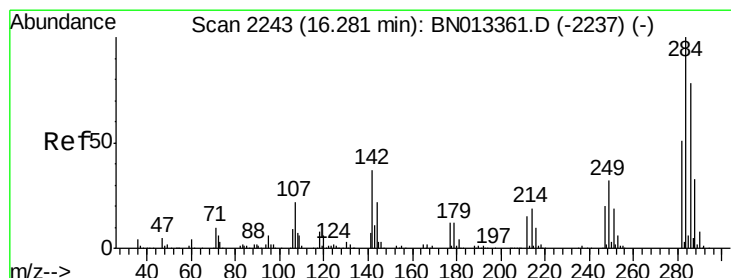
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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#69
Hexachlorobenzene
Concen: 3.255 ng/ul
RT: 16.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

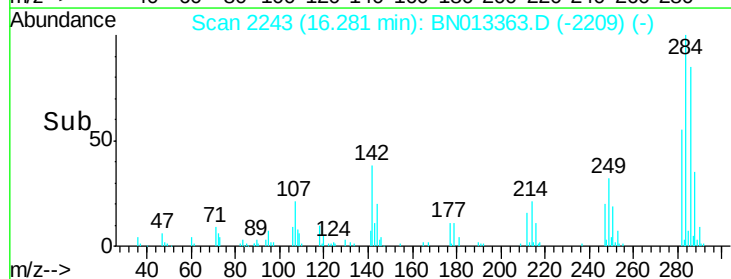
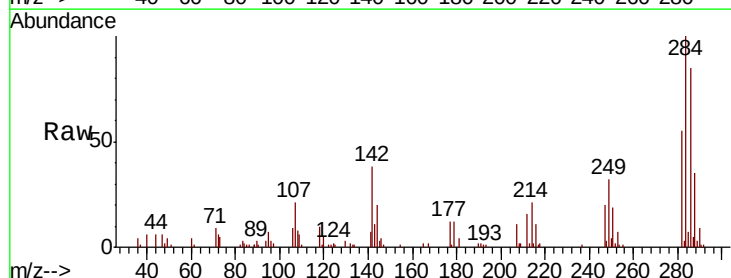
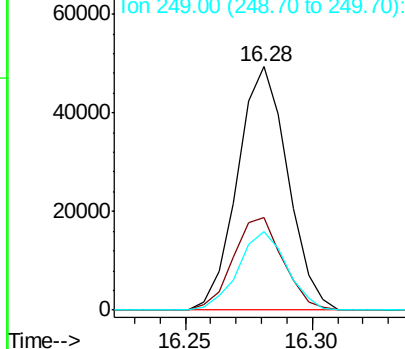
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	29.3	43.9
249	32.3	25.8	38.6

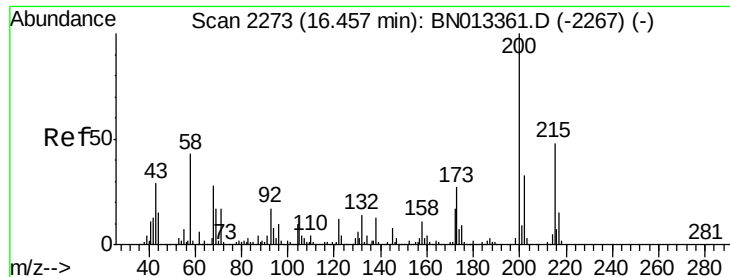
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



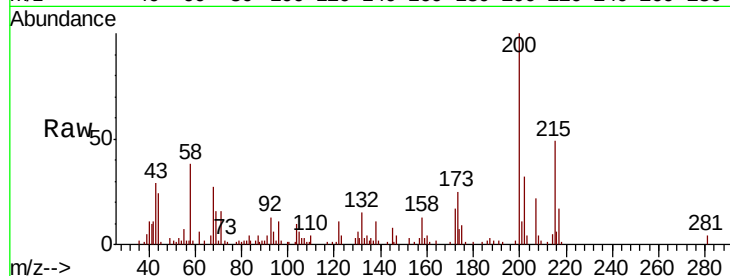


#70
Atrazine
Concen: 2.396 ng/ul
RT: 16.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

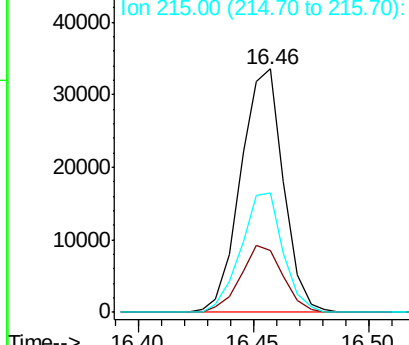
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	21.8	32.6
215	48.9	38.8	58.2

Manual Integrations
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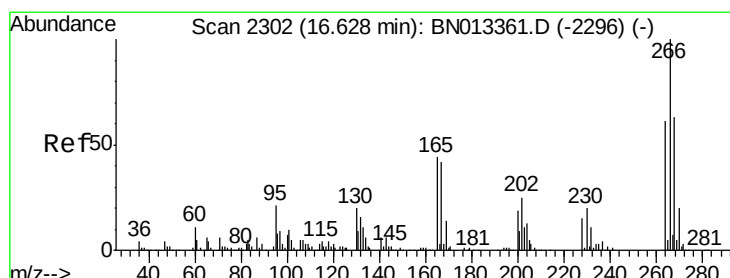
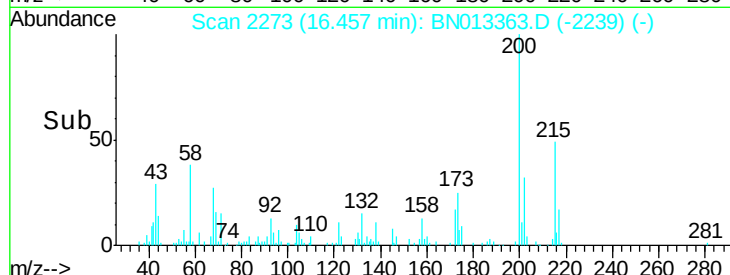


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



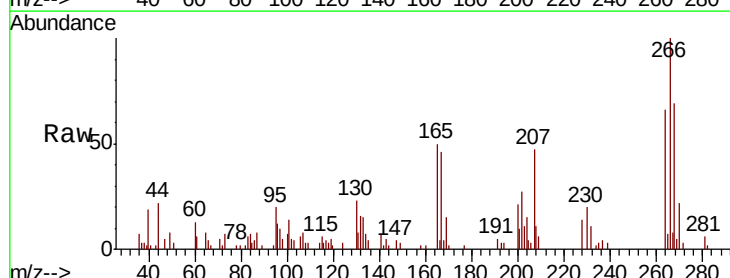
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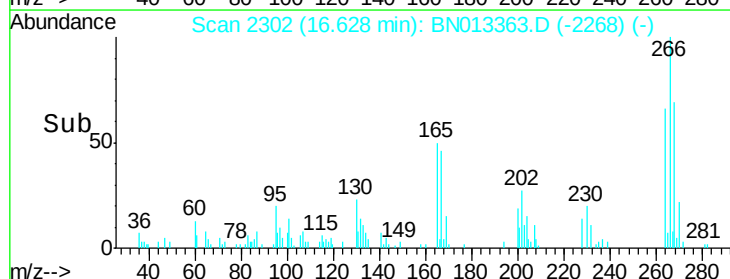
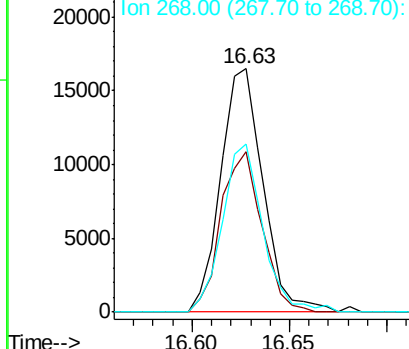


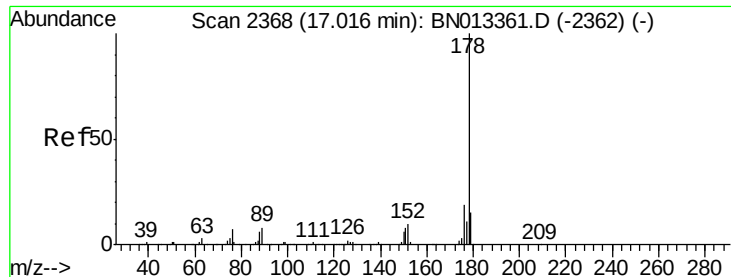
#71
Pentachlorophenol
Concen: 2.134 ng/ul
RT: 16.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.9	48.6	72.8
268	69.1	50.2	75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 3.359 ng/ul

RT: 17.02 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

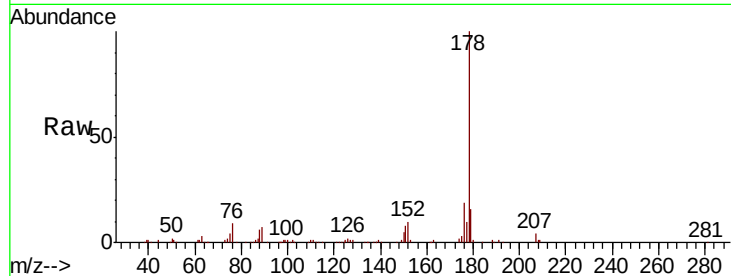
BNA_N

ClientSampleId :

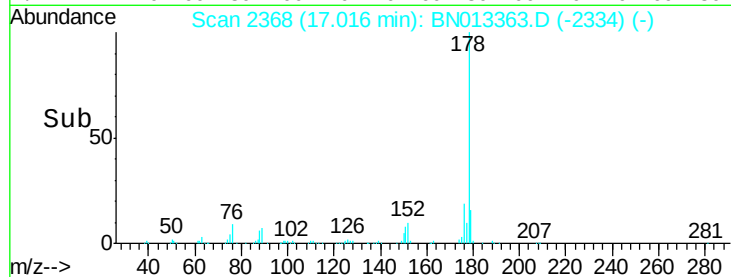
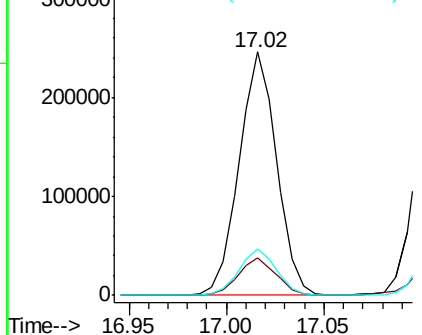
MDL-SOIL-01

Tot Ion:	178	Resp:	326268
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	19.1	15.3	22.9

Manual Integrations
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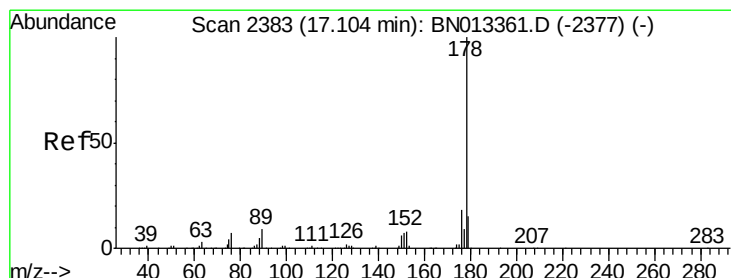


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



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#74

Anthracene

Concen: 3.310 ng/ul

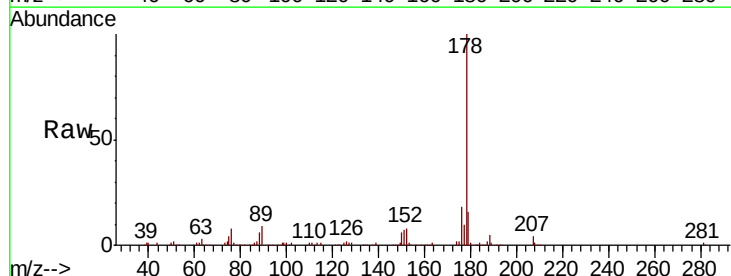
RT: 17.11 min Scan# 2384

Delta R.T. 0.01 min

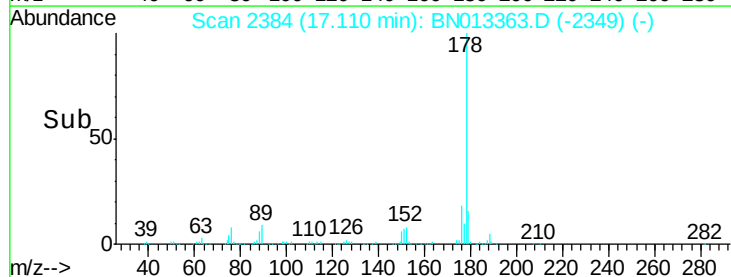
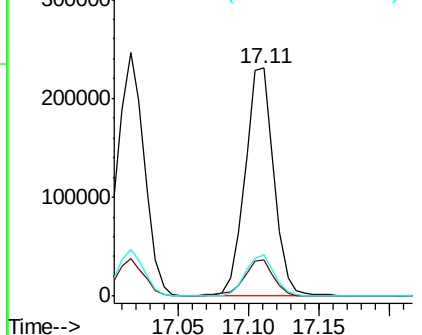
Lab File: BN013363.D

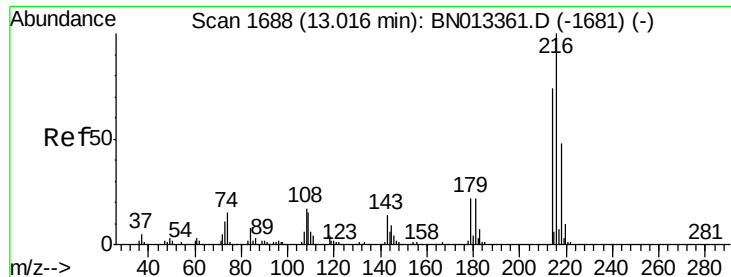
Acq: 08 Jan 2021 12:13

Tgt Ion:	178	Resp:	328109
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.1	18.1
176	18.3	14.6	21.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.334 ng/uL

RT: 13.02 min Scan# 1688

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

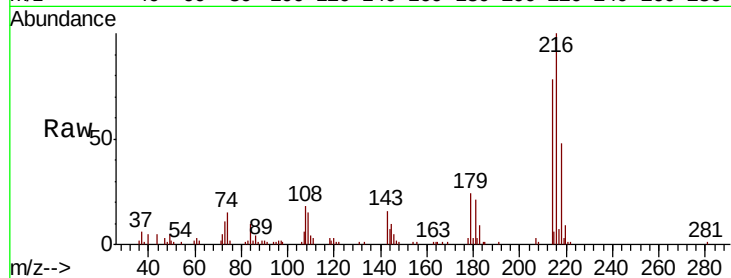
BNA_N

ClientSampleId :

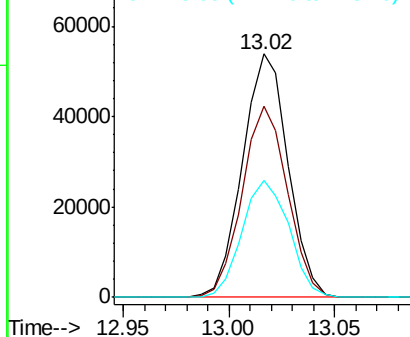
MDL-SOIL-01

Tot Ion:	216	Resp:	80895
Ion Ratio		Lower	Upper
216	100		
214	78.5	59.4	89.0
218	48.2	38.1	57.1

Manual Integrations
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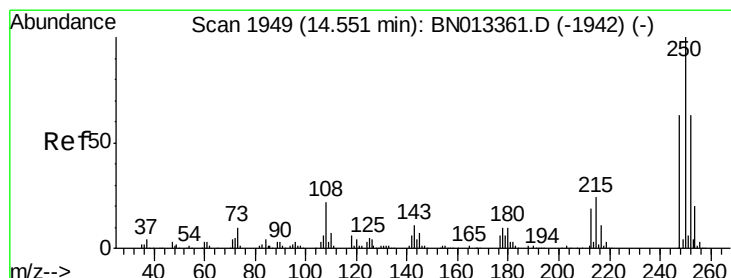
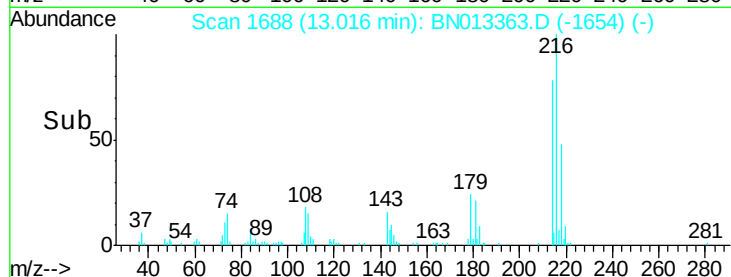


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



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#76

Pentachlorobenzene

Concen: 3.333 ng/uL

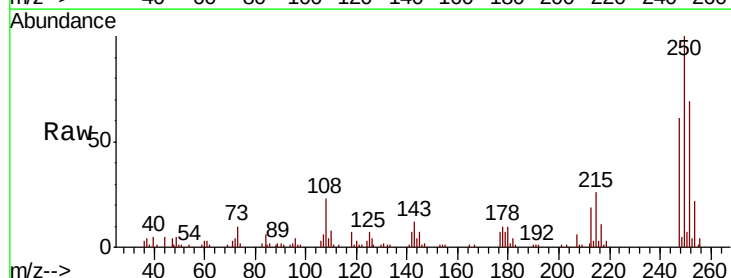
RT: 14.55 min Scan# 1949

Delta R.T. 0.00 min

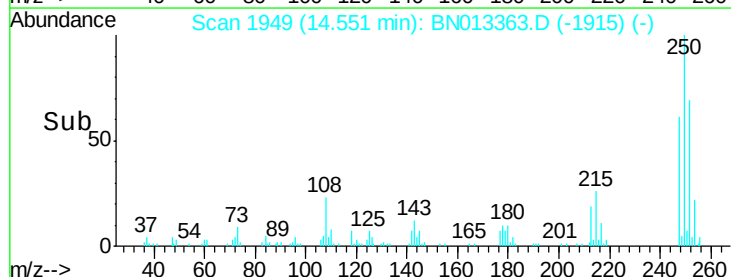
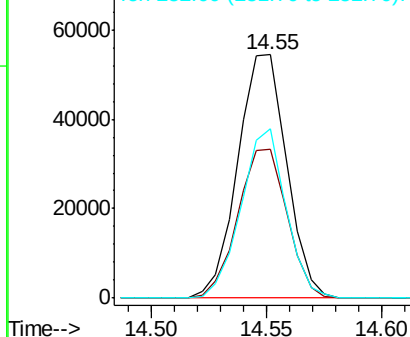
Lab File: BN013363.D

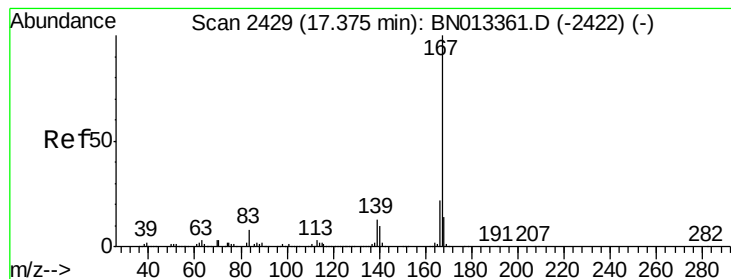
Acq: 08 Jan 2021 12:13

Tgt Ion:	250	Resp:	80686
Ion Ratio		Lower	Upper
250	100		
248	61.4	50.6	75.8
252	69.5	50.8	76.2



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 3.148 ng/ul

RT: 17.37 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

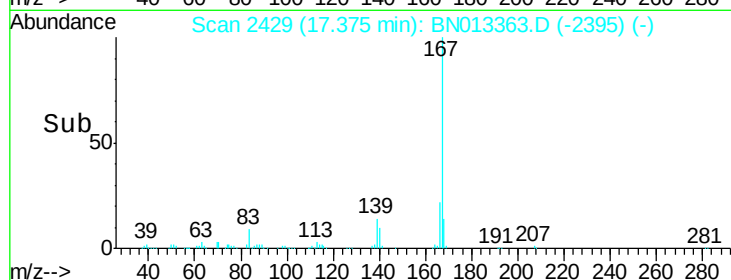
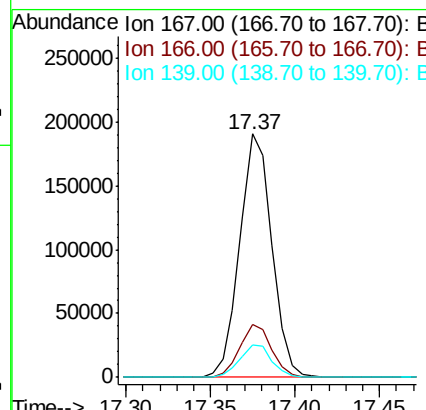
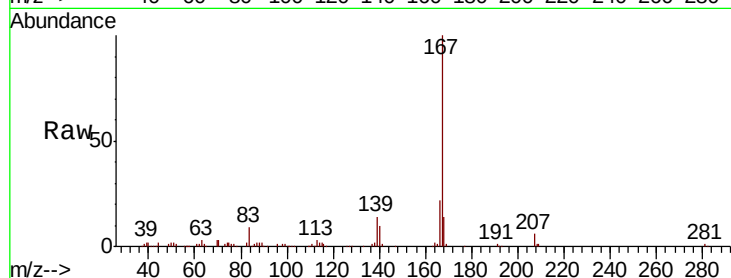
BNA_N

ClientSampleId :

MDL-SOIL-01

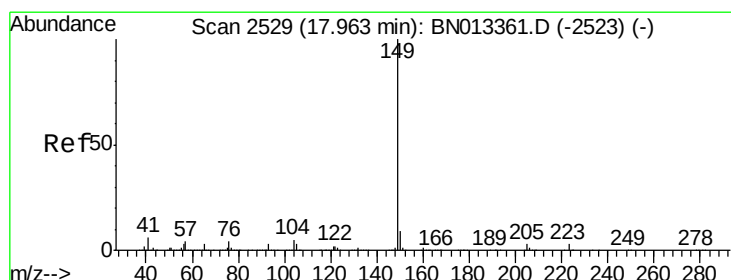
Tot Ion:	167	Resp:	253259
Ion Ratio		Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.6	10.3	15.5

Manual Integrations
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#78

Di-n-butylphthalate

Concen: 2.140 ng/ul

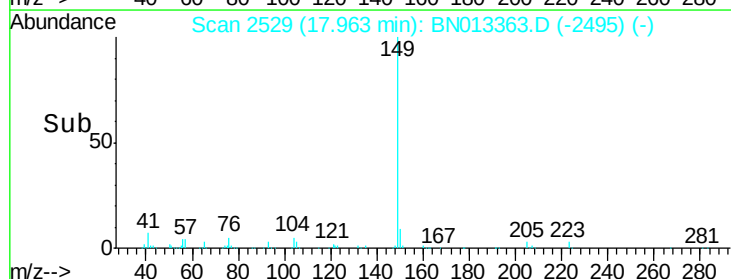
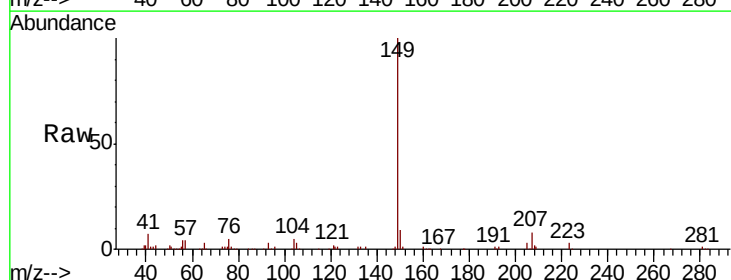
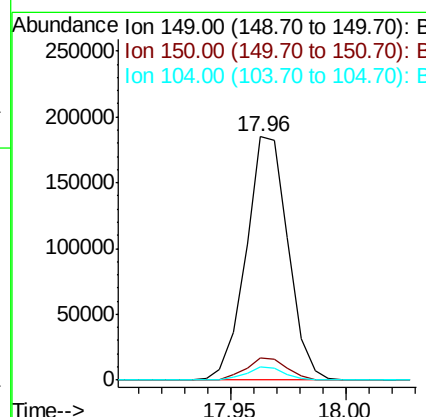
RT: 17.96 min Scan# 2529

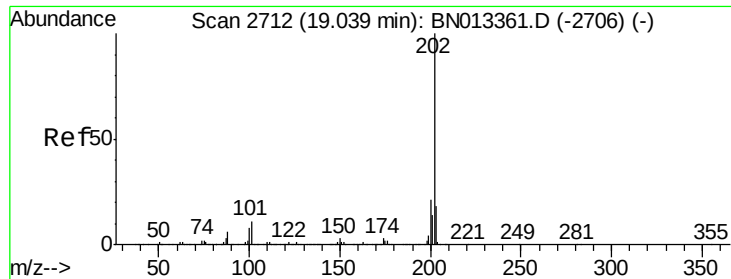
Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Tgt Ion:	149	Resp:	234673
Ion Ratio		Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.4	3.8	5.6



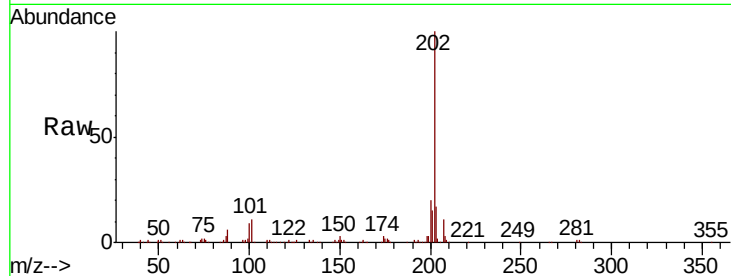


#80
Fluoranthene
Concen: 2.986 ng/ul
RT: 19.04 min Scan# 2712
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

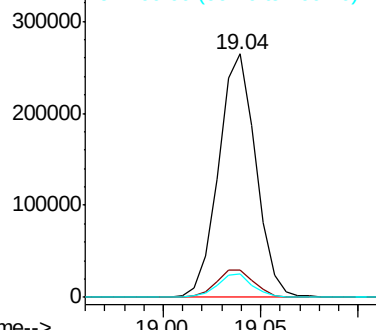
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.1	9.0	13.6	
100	9.4	6.8	10.2	

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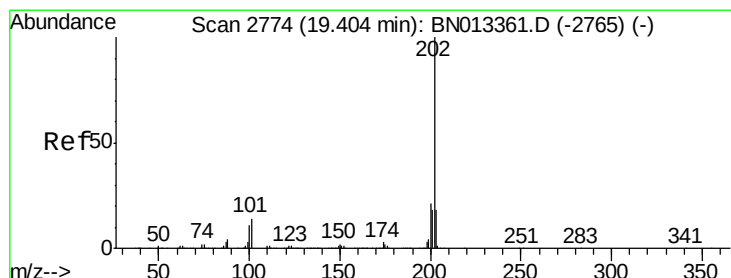
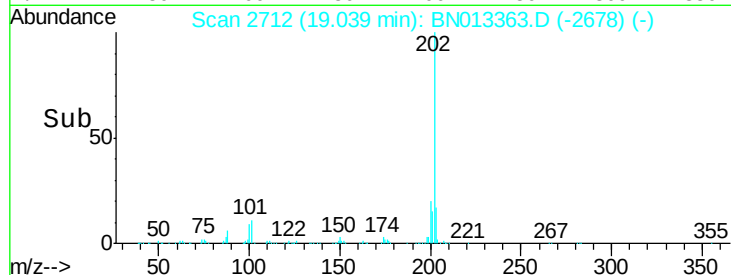


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



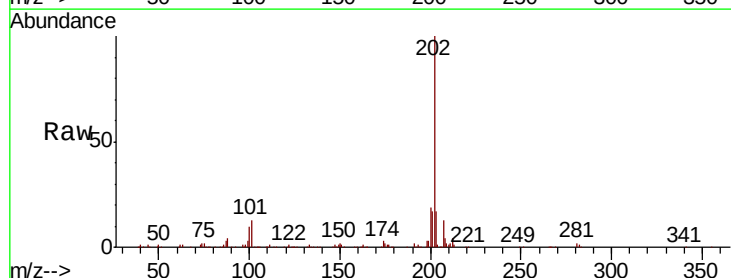
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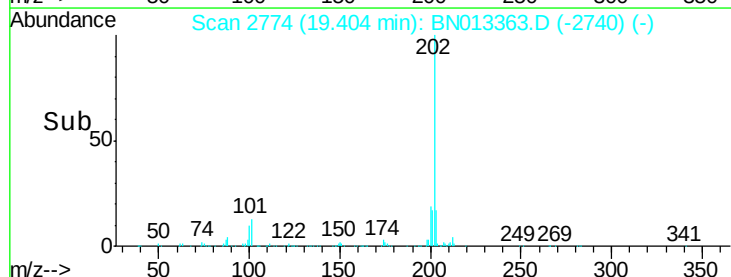
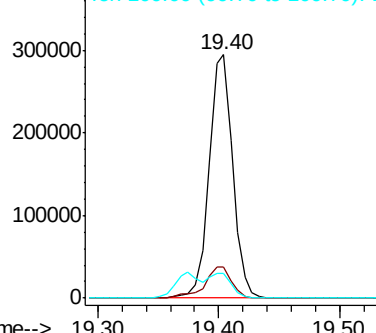


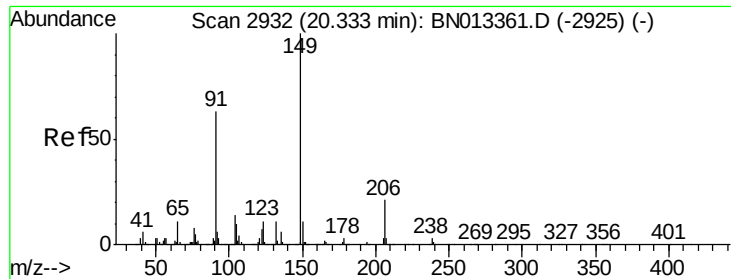
#82
Pyrene
Concen: 3.338 ng/ul
RT: 19.40 min Scan# 2774
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.9	10.9	16.3	
100	10.4	9.2	13.8	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



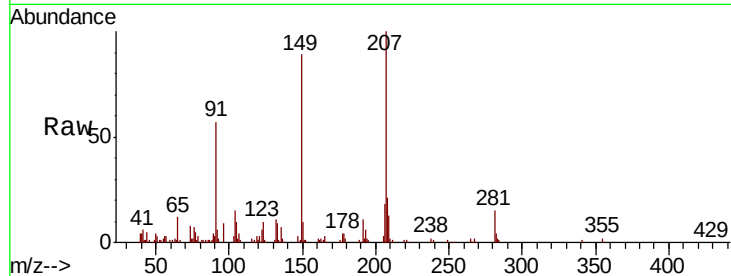


#83
Butylbenzylphthalate
Concen: 1.642 ng/ul
RT: 20.33 min Scan# 2932
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.0	50.2	75.4
206	19.8	17.0	25.6

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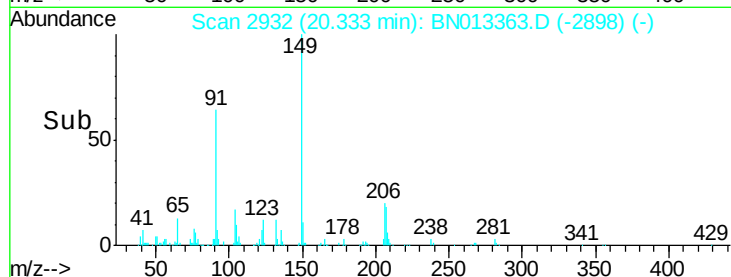
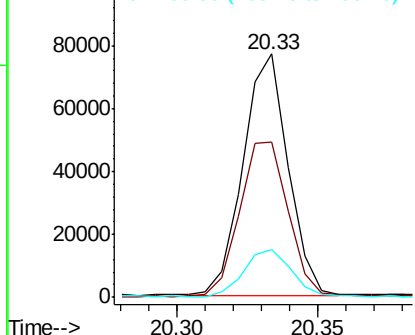


Abundance

Ion 149.00 (148.70 to 149.70): E

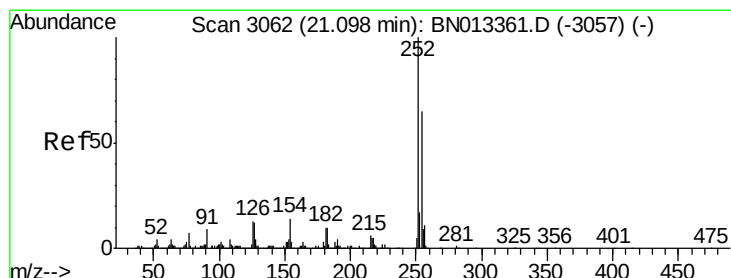
Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E



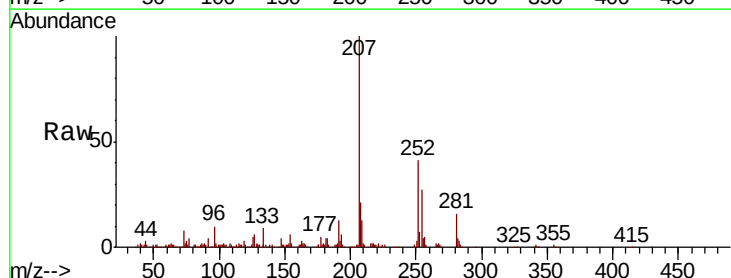
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#84
3,3'-Dichlorobenzidine
Concen: 2.476 ng/ul
RT: 21.10 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.7	77.5
126	12.6	10.2	15.2

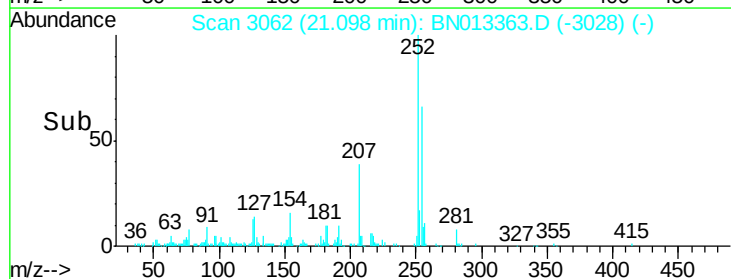
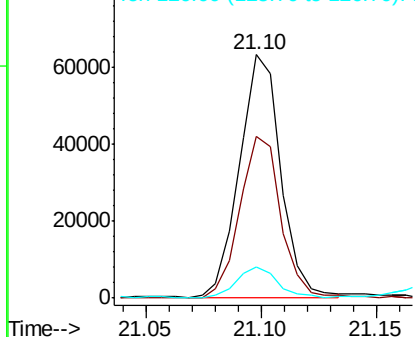


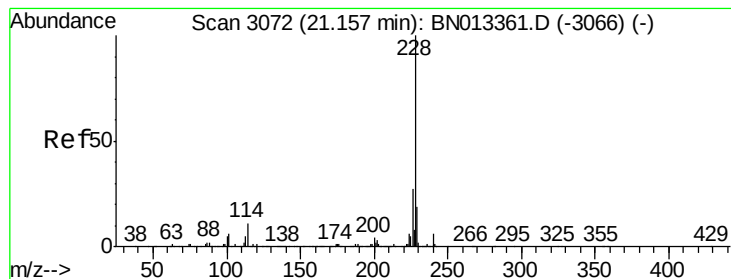
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#85

Benzo(a)anthracene

Concen: 3.130 ng/ul

RT: 21.16 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Instrument :

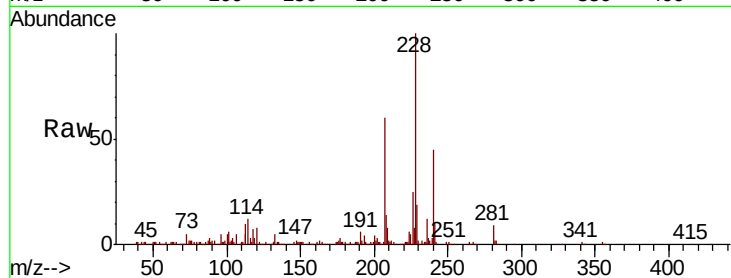
BNA_N

ClientSampleId :

MDL-SOIL-01

Tot Ion:	228	Resp:	351130
Ion Ratio	Lower	Upper	
228	100		
229	19.1	15.5	23.3
226	25.5	21.4	32.0

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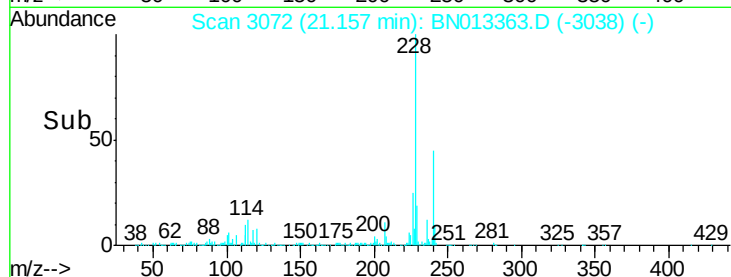
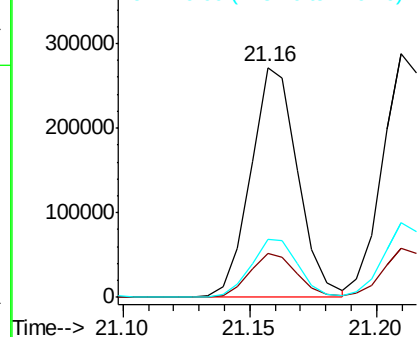


Abundance

Ion 228.00 (227.70 to 228.70): E

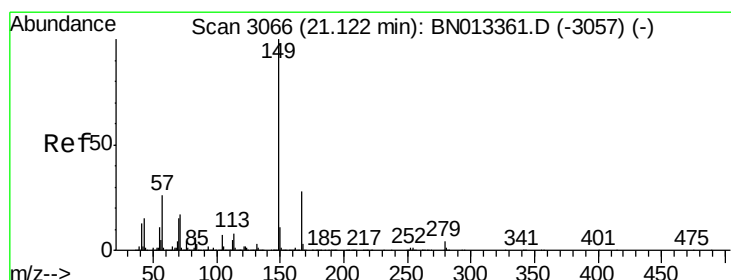
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.794 ng/ul

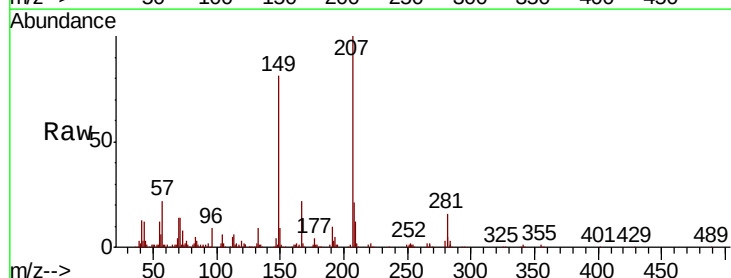
RT: 21.12 min Scan# 3066

Delta R.T. 0.00 min

Lab File: BN013363.D

Acq: 08 Jan 2021 12:13

Tgt Ion:	149	Resp:	137109
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.0	33.0
279	3.7	3.2	4.8

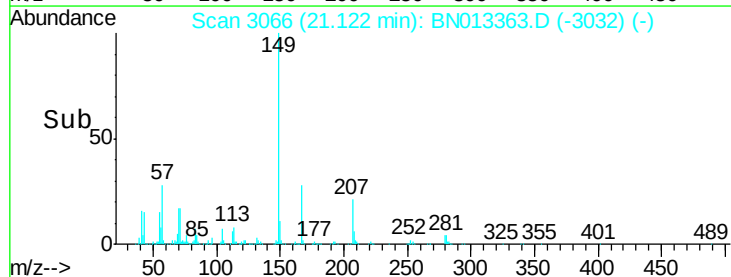
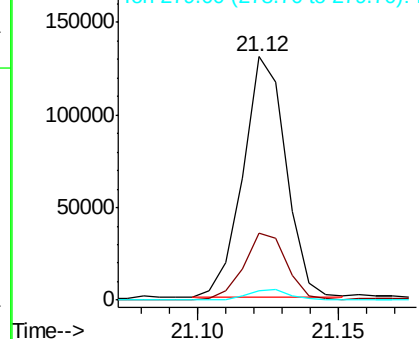


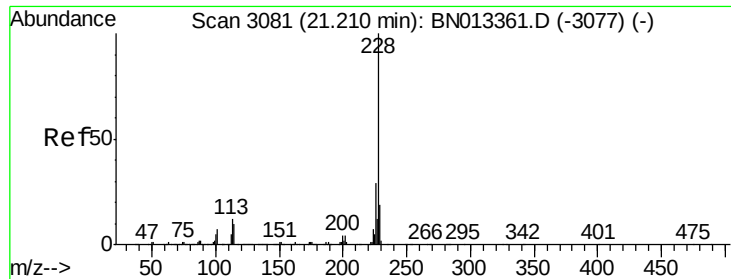
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



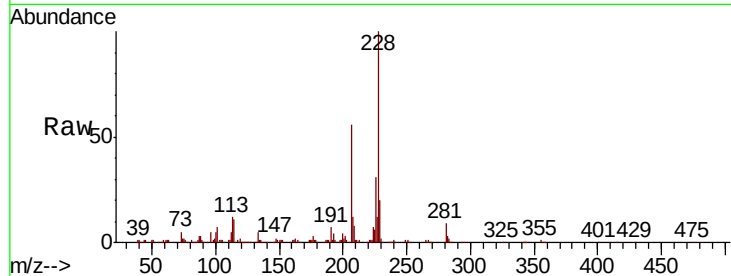


#87
Chrysene
Concen: 3.274 ng/ul
RT: 21.21 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

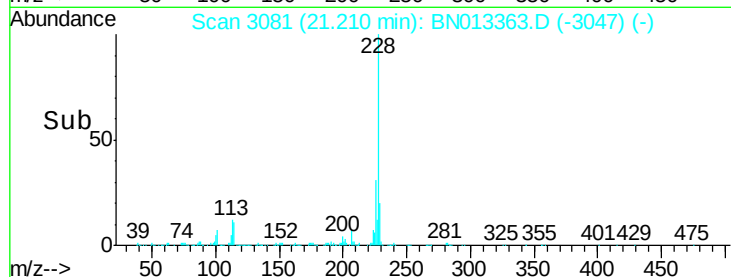
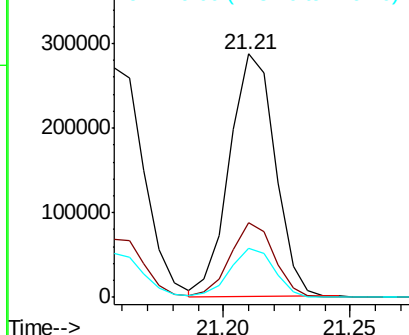
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.1	34.7
229	20.2	15.4	23.0

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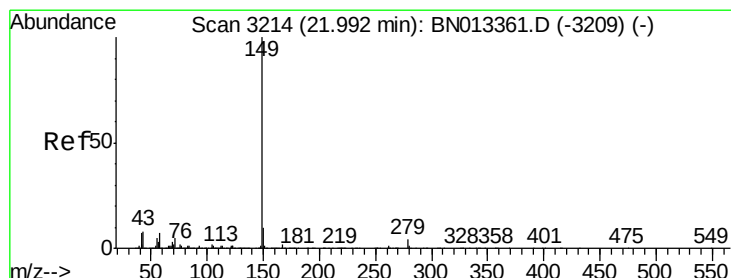


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



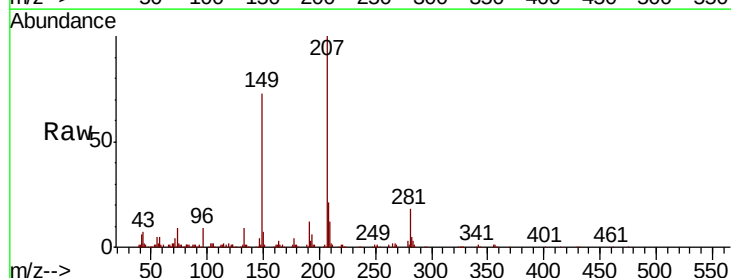
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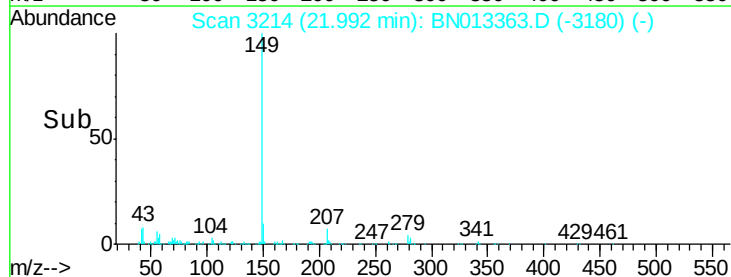
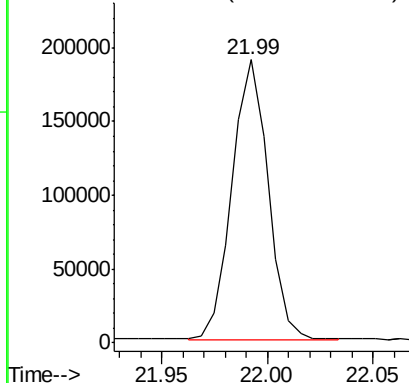


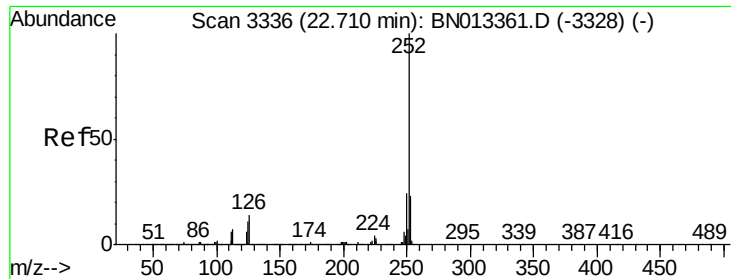
#89
Di-n-octyl phthalate
Concen: 2.102 ng/ul
RT: 21.99 min Scan# 3214
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion:149 Resp: 223318



Abundance Ion 149.00 (148.70 to 149.70): E



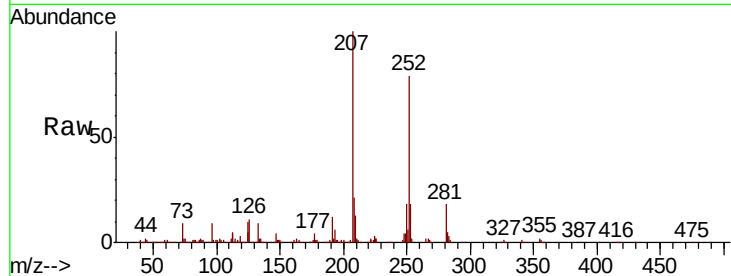


#90
Benzo(b)fluoranthene
Concen: 3.243 ng/ul
RT: 22.70 min Scan# 3335
Delta R.T. -0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	13.0	8.9	13.3

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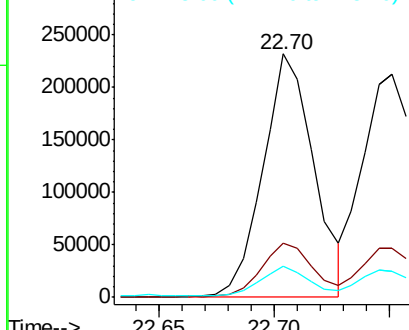


Abundance

Ion 252.00 (251.70 to 252.70): E

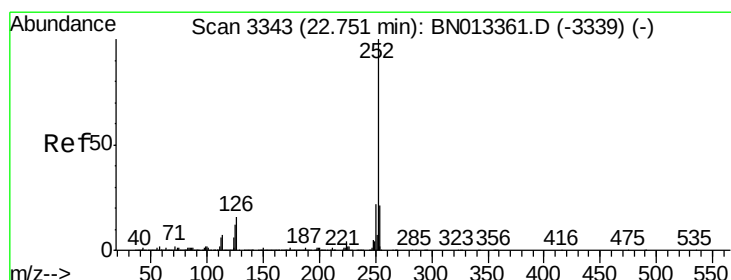
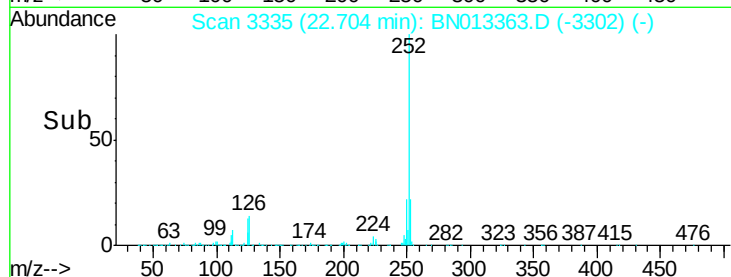
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



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#91
Benzo(k)fluoranthene
Concen: 3.293 ng/ul
RT: 22.75 min Scan# 3343
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

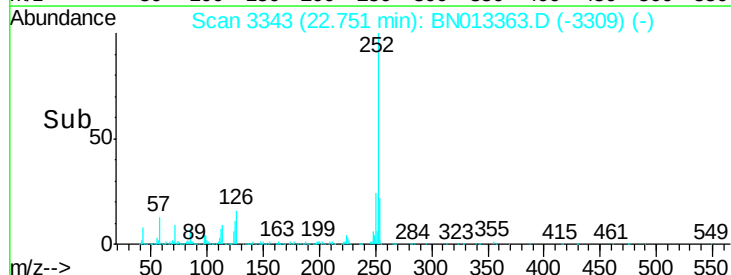
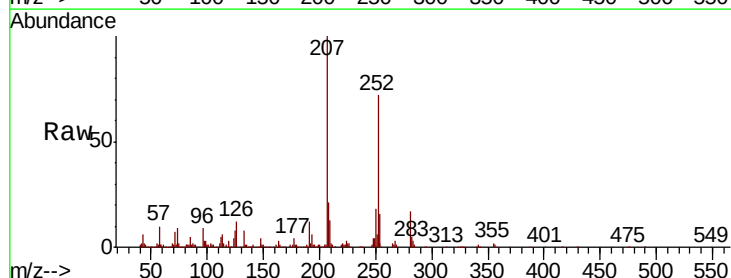
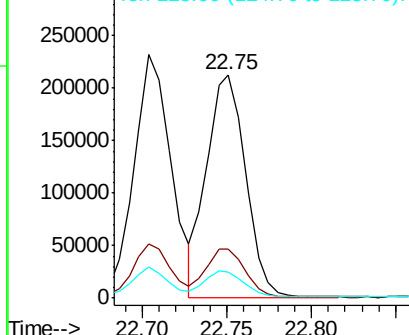
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.7	9.0	13.6

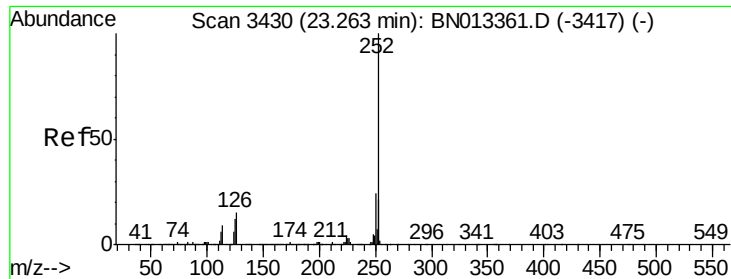
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



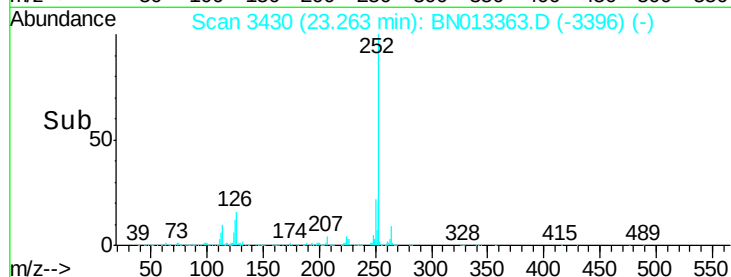
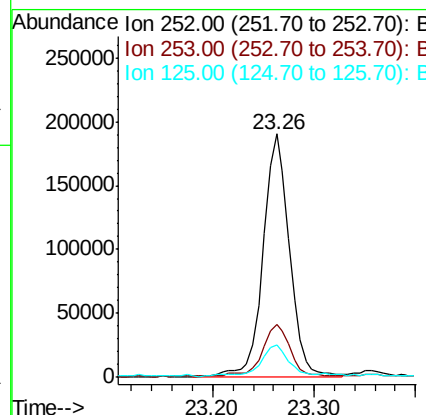
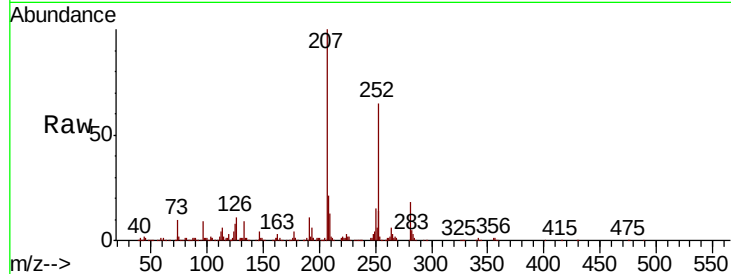


#93
Benzo(a)pyrene
Concen: 3.447 ng/ul
RT: 23.26 min Scan# 3430
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

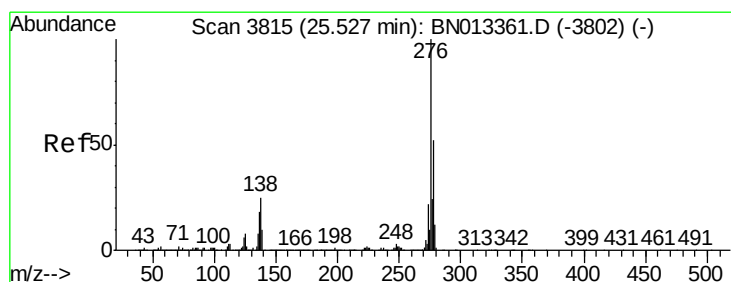
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	13.1	9.6	14.4

Manual Integrations
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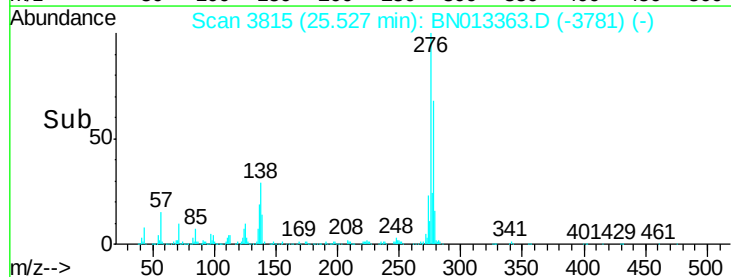
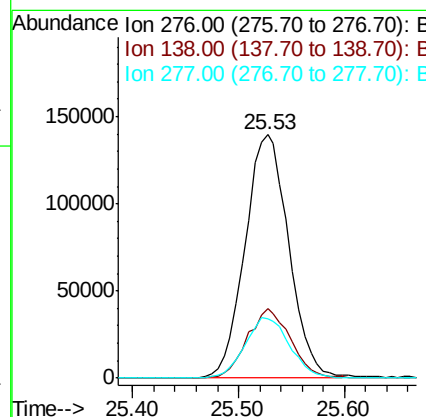
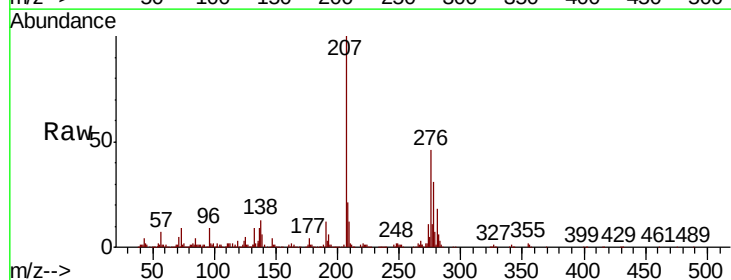
mohammad

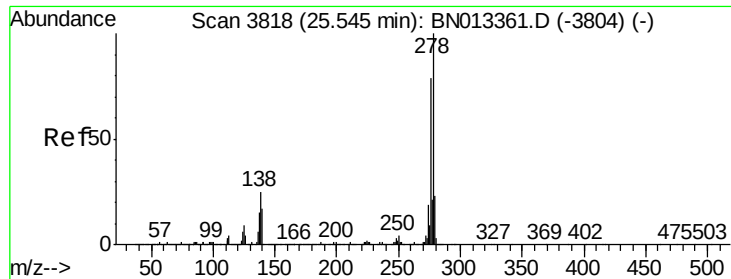
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#94
Indeno(1,2,3-cd)pyrene
Concen: 3.246 ng/ul
RT: 25.53 min Scan# 3815
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	20.2	30.2
277	24.3	19.0	28.4



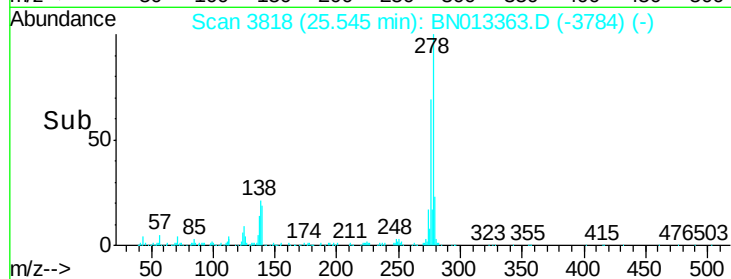
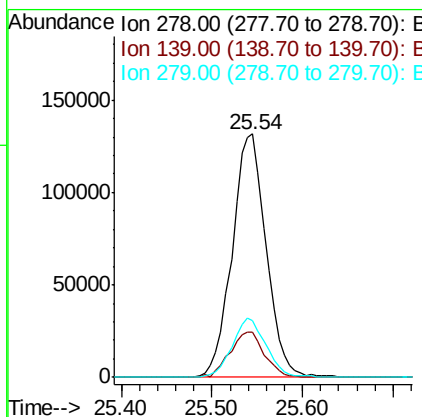
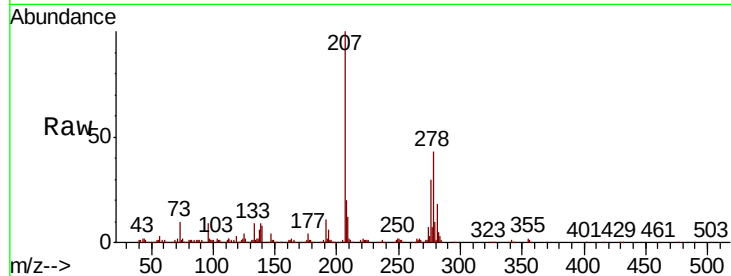


#95
Dibenzo(a,h)anthracene
Concen: 3.310 ng/ul
RT: 25.54 min Scan# 3818
Delta R.T. 0.00 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

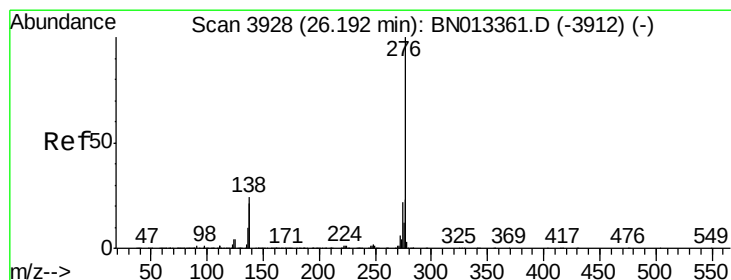
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.8	20.6
279	23.3	18.4	27.6

Manual Integrations
APPROVED



mohammad

1/11/2021 1:40:37 PM



#96
Benzo(g,h,i)perylene
Concen: 3.191 ng/ul
RT: 26.19 min Scan# 3927
Delta R.T. -0.01 min
Lab File: BN013363.D
Acq: 08 Jan 2021 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.4	29.0
277	24.6	18.2	27.4

