

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060721\
 Data File : BM030309.D
 Acq On : 07 Jun 2021 15:17
 Operator : CG/JU
 Sample : M2250-03
 Misc : SFAM-MDL-S-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

Manual Integrations
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Quant Time: Jun 07 15:47:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 07 09:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	166782	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	686784	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.474	164	441077	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	849367	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	755144	20.000	ng/u1	0.00
88) Perylene-d12	23.650	264	745544	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	19243	4.406	ng/uL	0.00
4) Pyridine-d5	3.734	84	155773	13.573	ng/u1	0.00
7) Phenol-d5	7.004	99	284807	19.648	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	202679	21.664	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	232222	22.152	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	221847	19.163	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	103558	22.028	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	103423	22.151	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	220851	21.715	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	305629	19.657	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	674605	22.287	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	861550	22.784	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	99588	17.577	ng/u1	0.00
60) Fluorene-d10	15.463	176	615899	22.728	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	79630	16.242	ng/u1	0.00
73) Anthracene-d10	17.304	188	885909	22.932	ng/u1	0.00
81) Pyrene-d10	19.592	212	917502	23.213	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.509	264	905177	24.348	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	6012	1.358	ng/uL	95
5) Pyridine	3.757	79	46713	3.855	ng/u1#	63
6) Benzaldehyde	6.993	77	39939	5.879	ng/u1	95
8) Phenol	7.034	94	62254	4.240	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.275	93	53792	4.538	ng/u1	98
12) 2-Chlorophenol	7.416	128	50286	4.650	ng/u1	100
13) 2-Methylphenol	8.287	108	41635	3.814	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	83496	4.373	ng/u1	99
16) Acetophenone	8.669	105	79479	4.342	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.651	70	37920	4.262	ng/u1	97
18) 4-Methylphenol	8.610	108	48465	4.026	ng/u1	98
19) Hexachloroethane	8.934	117	20497	4.479	ng/u1	97
22) Nitrobenzene	9.045	77	59708	4.947	ng/u1	98
23) Isophorone	9.569	82	96143	4.357	ng/u1	99
25) 2-Nitrophenol	9.757	139	24502	4.737	ng/u1	100
26) 2,4-Dimethylphenol	9.810	107	53803	4.595	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.051	93	67112	4.568	ng/u1	100
29) 2,4-Dichlorophenol	10.286	162	47760	4.822	ng/u1	98
30) Naphthalene	10.692	128	167322	4.806	ng/u1	98
32) 4-Chloroaniline	10.798	127	69397	4.459	ng/u1	100
33) Hexachlorobutadiene	10.981	225	32020	5.080	ng/u1	91
34) Caprolactam	11.586	113	11645m	3.672	ng/u1	
35) 4-Chloro-3-methylphenol	11.910	107	40132	3.982	ng/u1	95
36) 2-Methylnaphthalene	12.298	142	114578	4.626	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	117030	4.656	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.669	216	63085	4.920	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	35401	4.369	ng/ul	96
41) 2,4,6-Trichlorophenol	12.904	196	31378	4.073	ng/ul	96
42) 2,4,5-Trichlorophenol	12.969	196	36730	4.377	ng/ul	97
43) 1,1'-Biphenyl	13.310	154	154017	4.793	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	118180	4.765	ng/ul	99
45) 2-Nitroaniline	13.551	65	22466	3.624	ng/ul	95
47) Dimethylphthalate	13.927	163	141874	4.798	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	20327	3.836	ng/ul	99
50) Acenaphthylene	14.198	152	176351	4.883	ng/ul	99
51) 3-Nitroaniline	14.374	138	20699	3.426	ng/ul	99
52) Acenaphthene	14.539	153	126576	4.717	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	16072	4.545	ng/ul	95
55) 4-Nitrophenol	14.663	109	17481	3.938	ng/ul	93
56) Dibenzofuran	14.869	168	180488	4.835	ng/ul	98
57) 2,4-Dinitrotoluene	14.827	165	29617	3.952	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.092	232	28747	4.279	ng/ul	96
59) Diethylphthalate	15.292	149	127970	4.386	ng/ul	99
61) Fluorene	15.516	166	145949	4.656	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	73885	4.895	ng/ul	96
63) 4-Nitroaniline	15.533	138	18765	3.317	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.586	198	17848	3.671	ng/ul#	82
67) N-Nitrosodiphenylamine	15.721	169	120924	4.833	ng/ul	97
68) 4-Bromophenyl-phenylether	16.404	248	39662	4.801	ng/ul	98
69) Hexachlorobenzene	16.521	284	46279	4.929	ng/ul	96
70) Atrazine	16.668	200	34415	3.833	ng/ul	99
71) Pentachlorophenol	16.857	266	24183	4.203	ng/ul	96
72) Phenanthrene	17.251	178	218847	4.765	ng/ul	100
74) Anthracene	17.339	178	220734	4.762	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	61891	5.064	ng/uL	98
76) Pentachlorobenzene	14.792	250	58912	5.005	ng/uL	99
77) Carbazole	17.610	167	169781	4.124	ng/ul	99
78) Di-n-butylphthalate	18.168	149	164559	3.817	ng/ul	99
80) Fluoranthene	19.256	202	221137	4.553	ng/ul	99
82) Pyrene	19.621	202	249554	4.859	ng/ul	97
83) Butylbenzylphthalate	20.509	149	56798	3.523	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.292	252	51714	3.787	ng/ul#	97
85) Benzo(a)anthracene	21.356	228	212973	4.668	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	80068	3.274	ng/ul	98
87) Chrysene	21.403	228	221390	4.921	ng/ul	99
89) Di-n-octyl phthalate	22.168	149	135226	2.816	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	217559	4.540	ng/ul	99
91) Benzo(k)fluoranthene	23.009	252	208174	4.548	ng/ul	98
93) Benzo(a)pyrene	23.556	252	198132	4.730	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.968	276	234545	4.550	ng/ul	100
95) Dibenzo(a,h)anthracene	25.980	278	197628	4.553	ng/ul	97
96) Benzo(g,h,i)perylene	26.680	276	197594	4.664	ng/ul	96

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

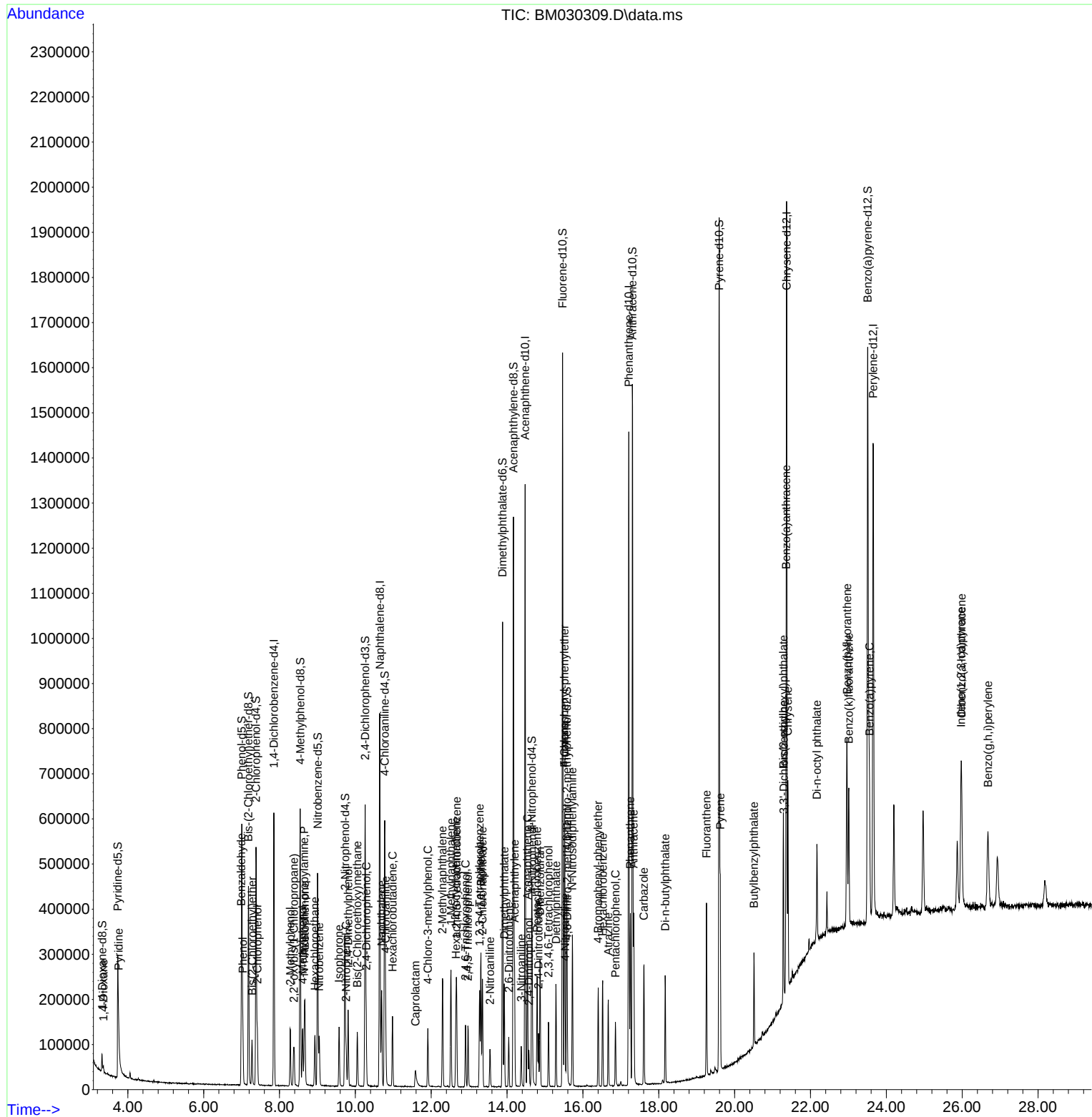
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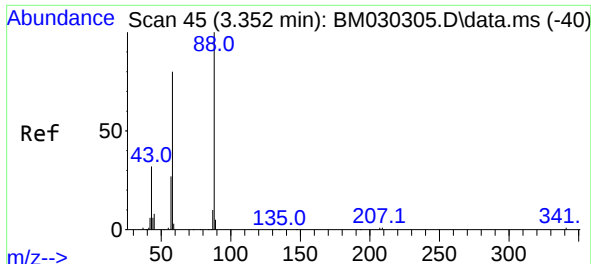
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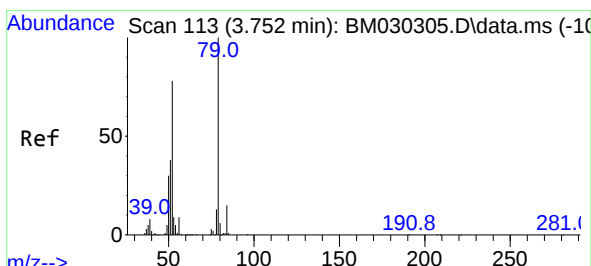
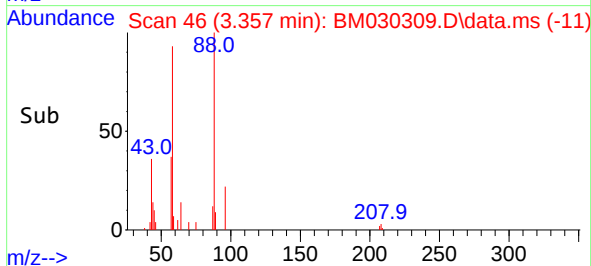
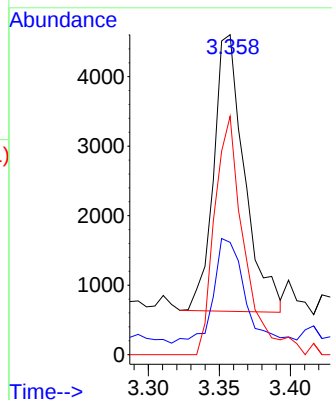
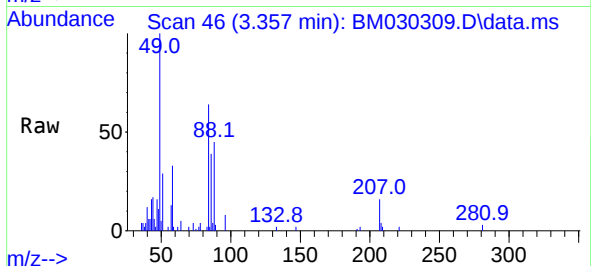
#2
1,4-Dioxane
Concen: 1.358 ng/uL
RT: 3.357 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion: 88 Resp: 6012
Ion Ratio Lower Upper
88 100
43 35.1 27.3 40.9
58 74.5 64.2 96.2

Instrument :
BNA_M
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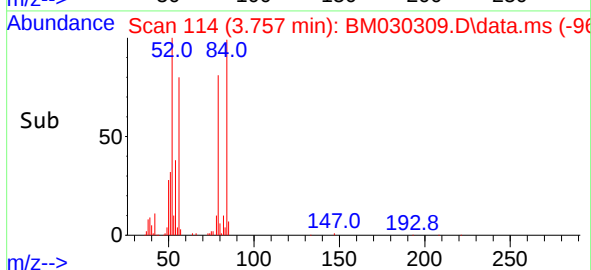
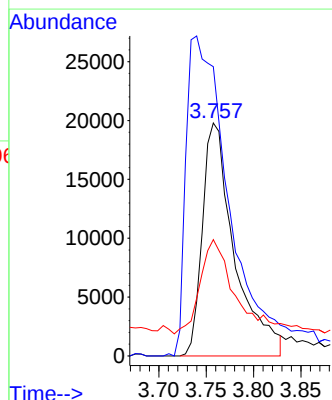
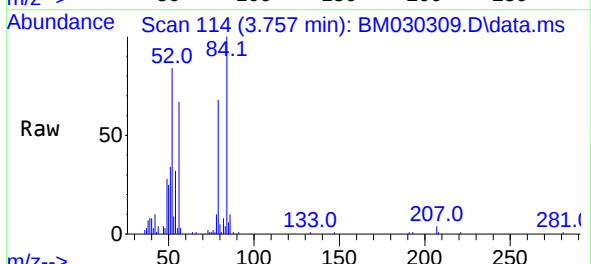
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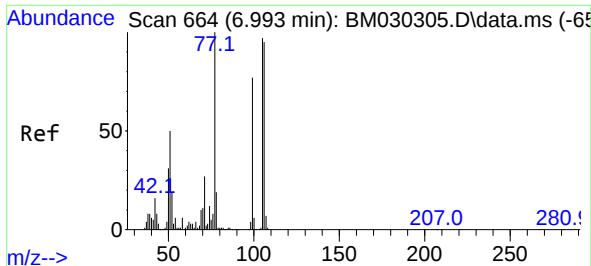
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#5
Pyridine
Concen: 3.855 ng/uL
RT: 3.757 min Scan# 114
Delta R.T. 0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

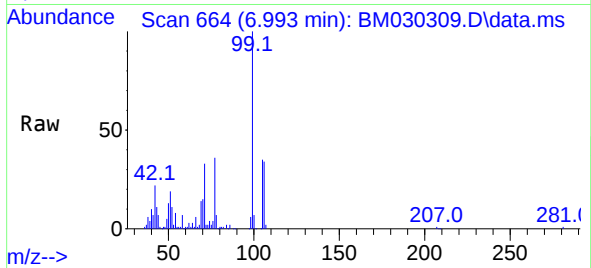
Tgt Ion: 79 Resp: 46713
Ion Ratio Lower Upper
79 100
52 124.1 66.1 99.1#
51 49.9 31.0 46.4#





#6
Benzaldehyde
Concen: 5.879 ng/ul
RT: 6.993 min Scan# 664
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

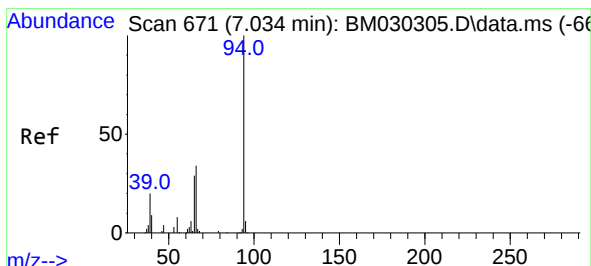
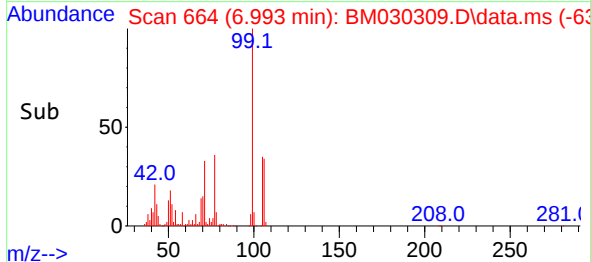
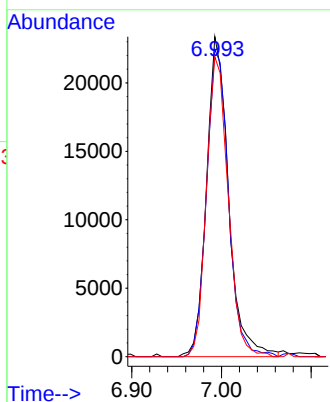
Instrument :
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MDL-SOIL-QT3-2021-05



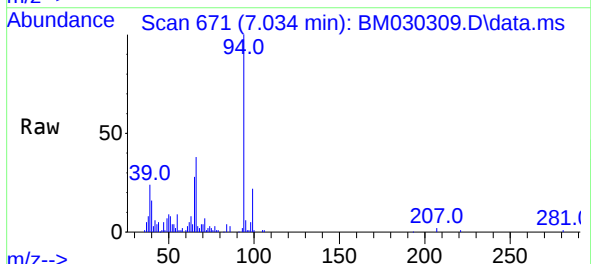
Tgt Ion: 77 Resp: 39939
Ion Ratio Lower Upper
77 100
105 96.0 74.5 111.7
106 93.7 70.2 105.2

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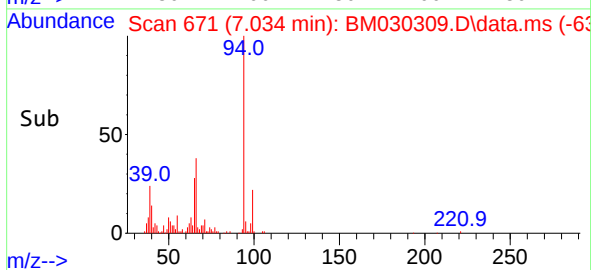
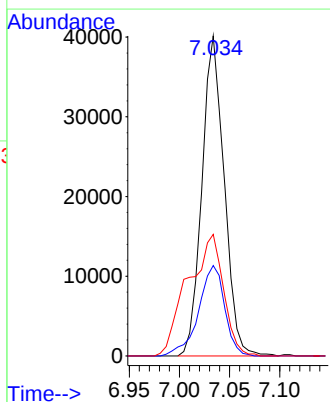
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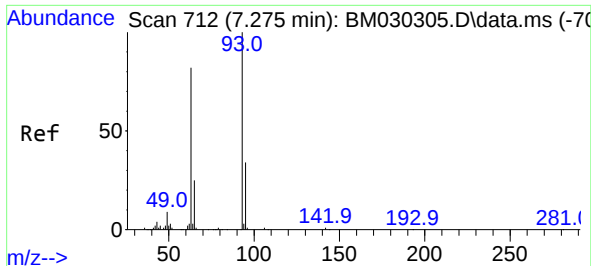


#8
Phenol
Concen: 4.240 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



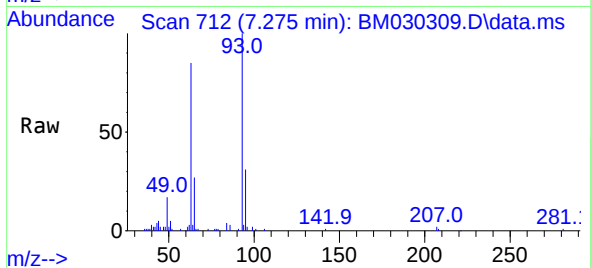
Tgt Ion: 94 Resp: 62254
Ion Ratio Lower Upper
94 100
65 28.3 24.2 36.4
66 38.0 29.5 44.3





#10
Bis(2-Chloroethyl)ether
Concen: 4.538 ng/ul
RT: 7.275 min Scan# 712
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

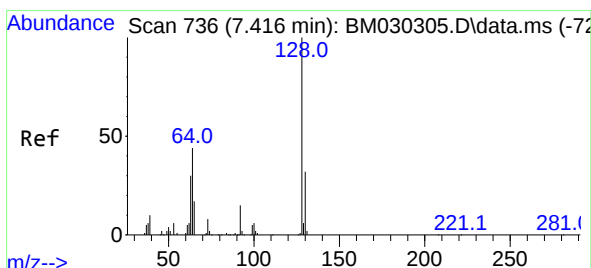
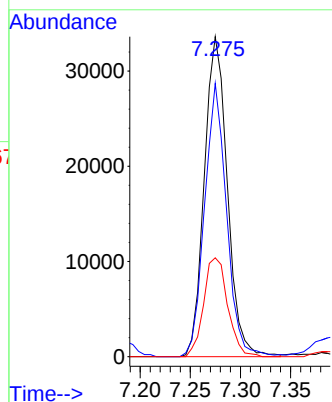
Instrument :
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ClientSampleId :
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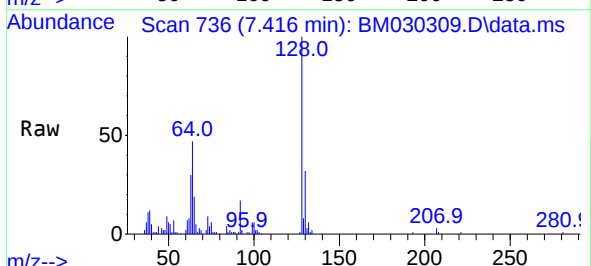
Tgt Ion:	93	Resp:	53792
Ion	Ratio	Lower	Upper
93	100		
63	85.4	66.6	99.8
95	30.9	25.8	38.6

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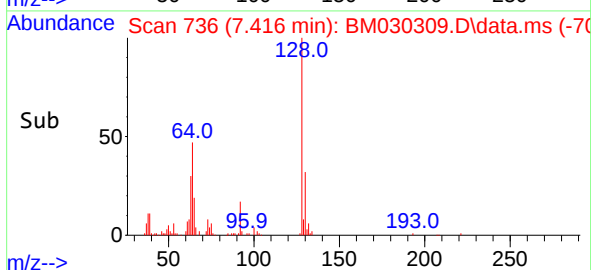
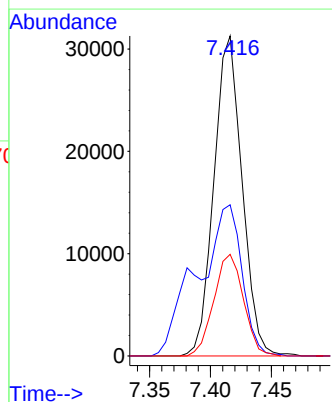
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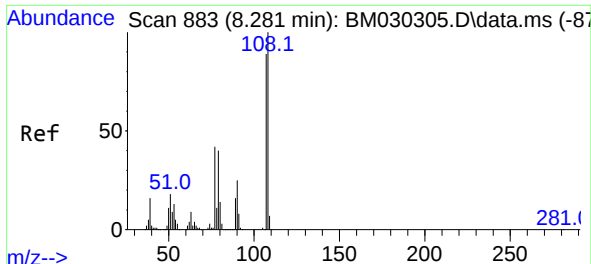


#12
2-Chlorophenol
Concen: 4.650 ng/ul
RT: 7.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

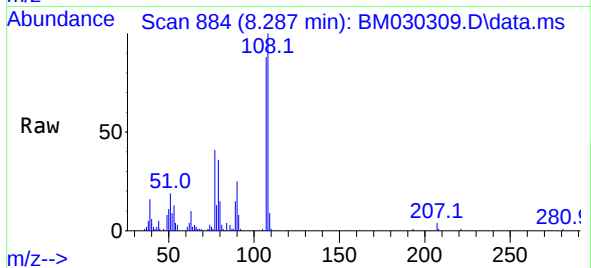


Tgt Ion:	128	Resp:	50286
Ion	Ratio	Lower	Upper
128	100		
64	47.3	37.7	56.5
130	31.8	25.6	38.4

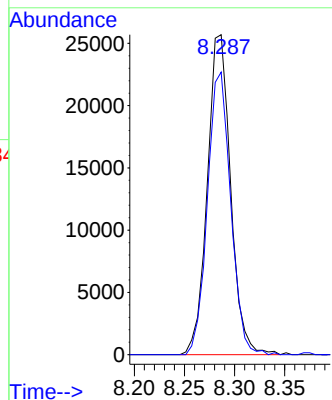




#13
2-Methylphenol
Concen: 3.814 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. 0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



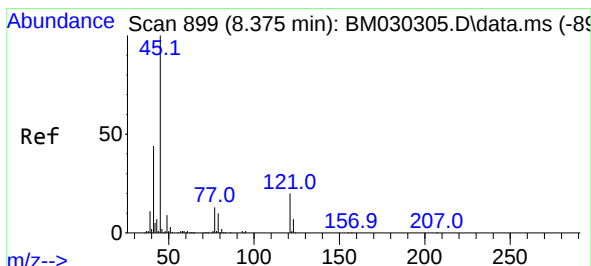
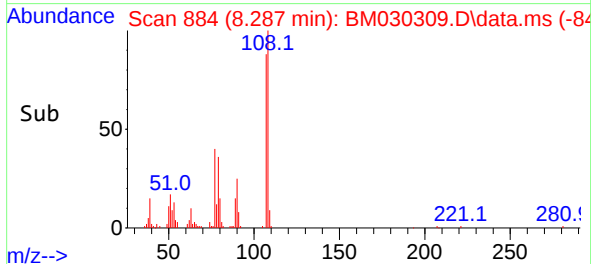
Tgt Ion: 108 Resp: 41635
Ion Ratio Lower Upper
108 100
107 88.3 70.8 106.2



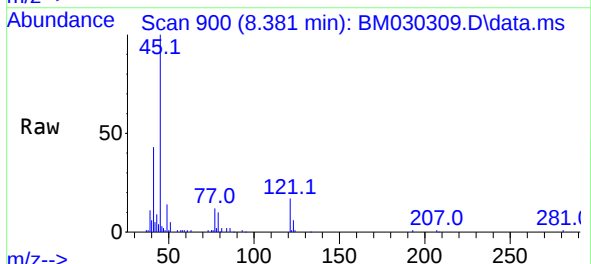
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BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

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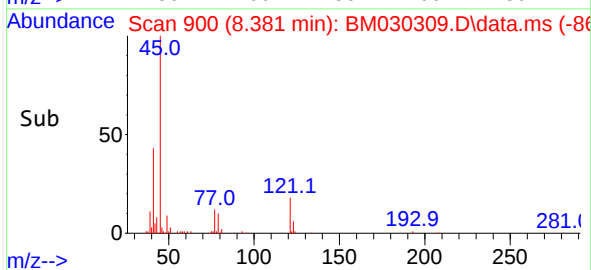
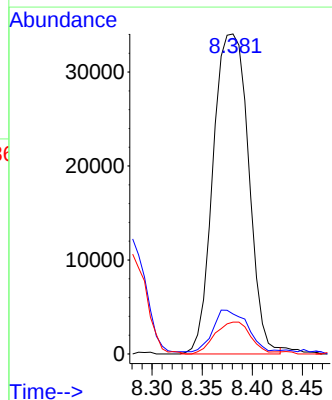
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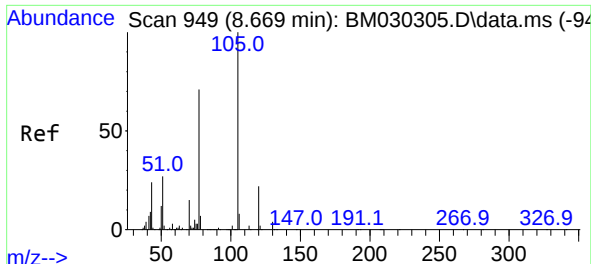


#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.373 ng/ul
RT: 8.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BM030309.D
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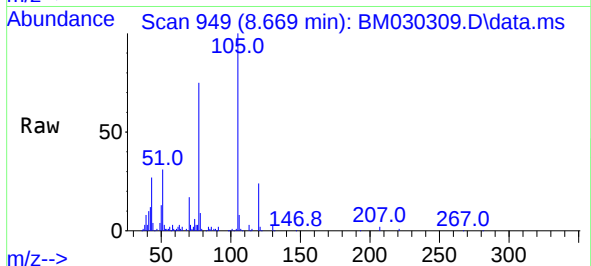


Tgt Ion: 45 Resp: 83496
Ion Ratio Lower Upper
45 100
77 12.5 9.9 14.9
79 9.9 7.7 11.5

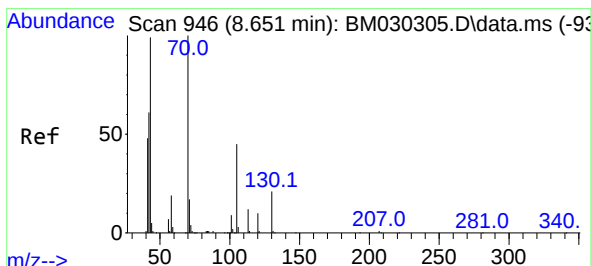
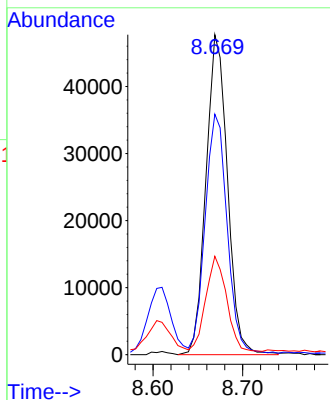
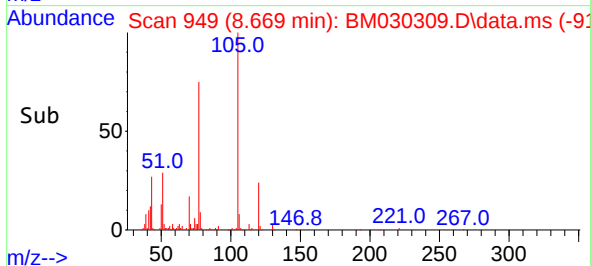




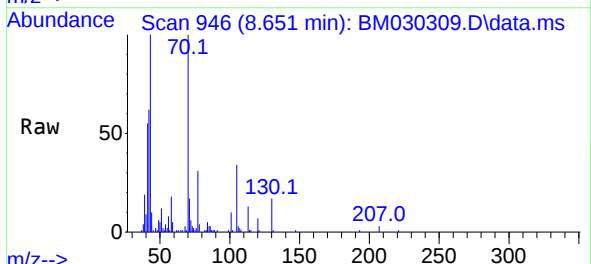
#16
Acetophenone
Concen: 4.342 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



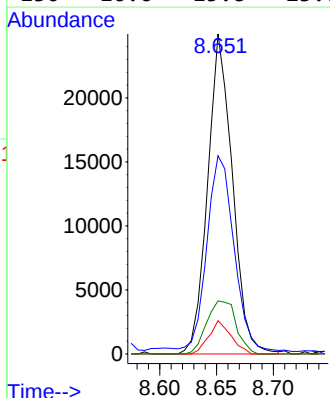
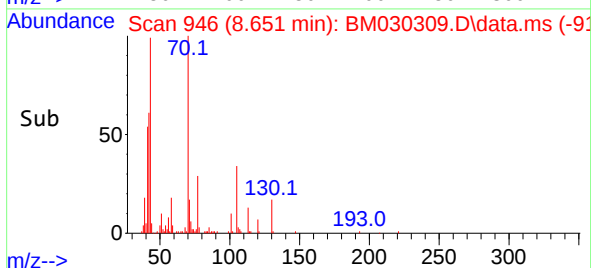
Tgt Ion: 105 Resp: 79479
Ion Ratio Lower Upper
105 100
77 75.1 62.6 93.8
51 30.7 24.3 36.5



#17
N-Nitroso-di-n-propylamine
Concen: 4.262 ng/ul
RT: 8.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



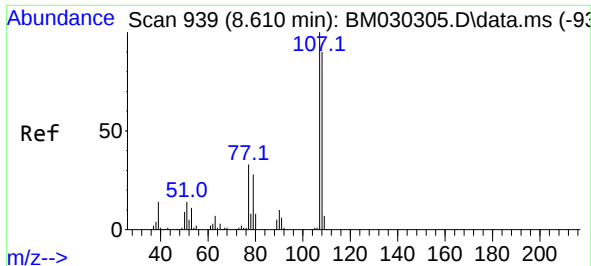
Tgt Ion: 70 Resp: 37920
Ion Ratio Lower Upper
70 100
42 61.9 51.0 76.6
101 10.4 7.4 11.2
130 16.6 15.8 23.6



Instrument :
BNA_M
ClientSampleId :
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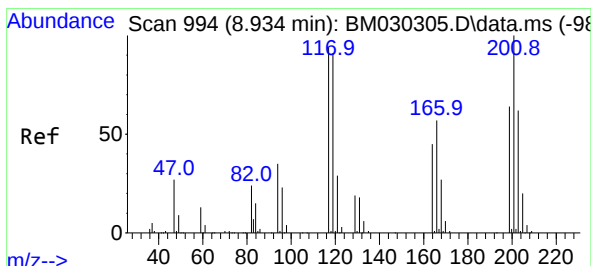
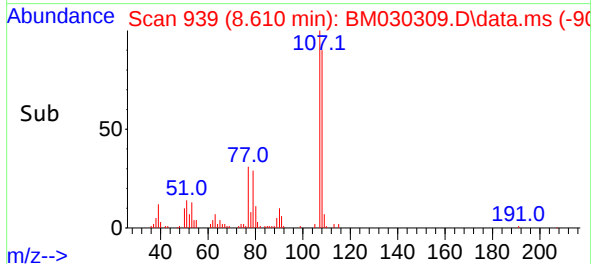
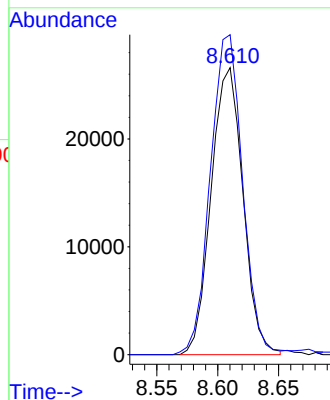
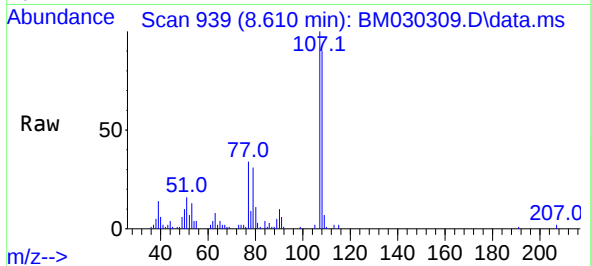
#18
4-Methylphenol
Concen: 4.026 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:108 Resp: 48465
Ion Ratio Lower Upper
108 100
107 111.5 87.9 131.9

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

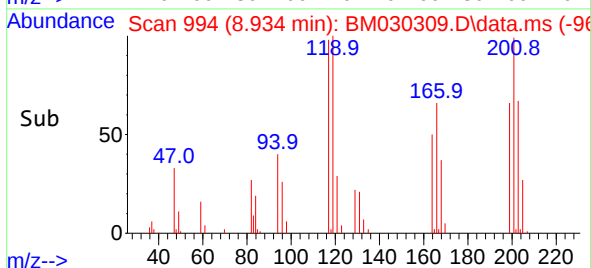
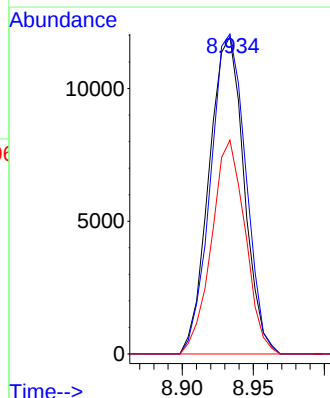
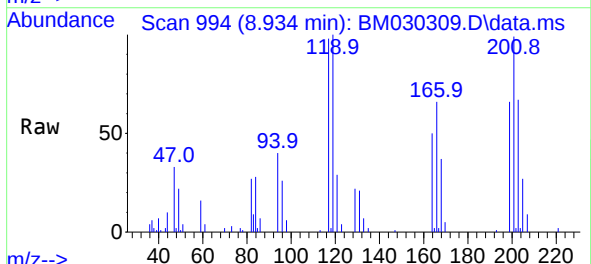
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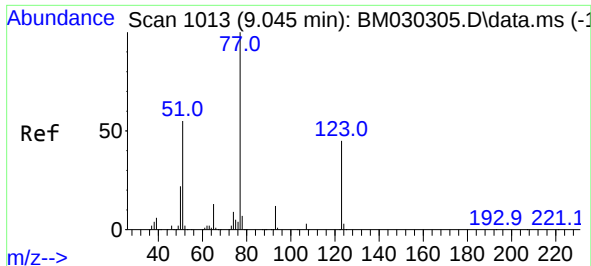
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#19
Hexachloroethane
Concen: 4.479 ng/ul
RT: 8.934 min Scan# 994
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

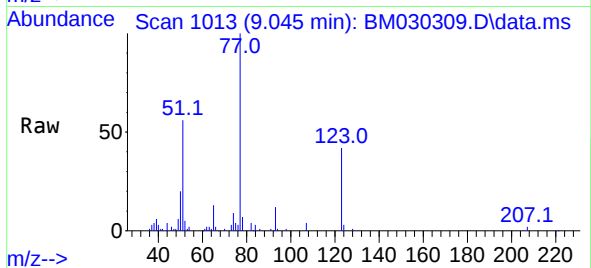
Tgt Ion:117 Resp: 20497
Ion Ratio Lower Upper
117 100
201 100.8 81.0 121.6
199 67.4 49.1 73.7





#22
Nitrobenzene
Concen: 4.947 ng/ul
RT: 9.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

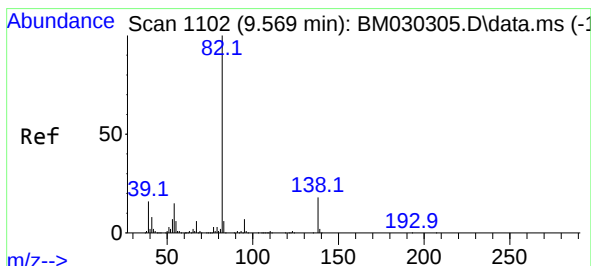
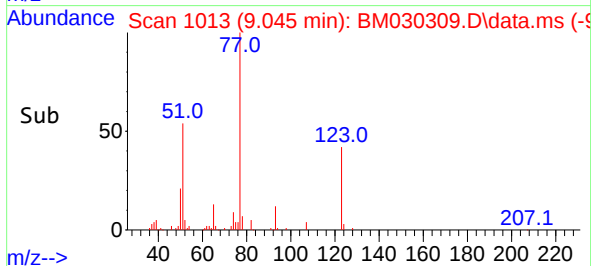
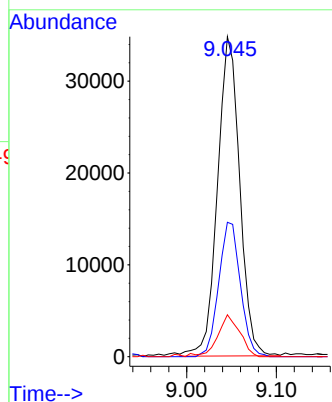
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05



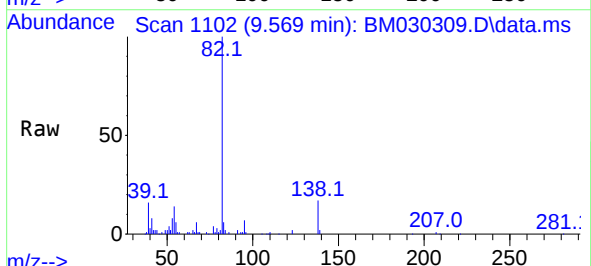
Tgt Ion: 77 Resp: 59708
Ion Ratio Lower Upper
77 100
123 42.0 34.6 51.8
65 13.1 10.2 15.2

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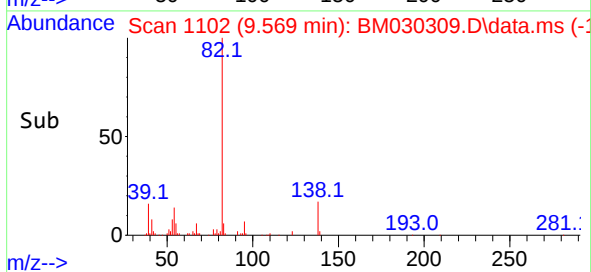
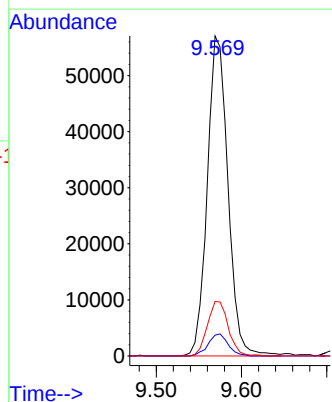
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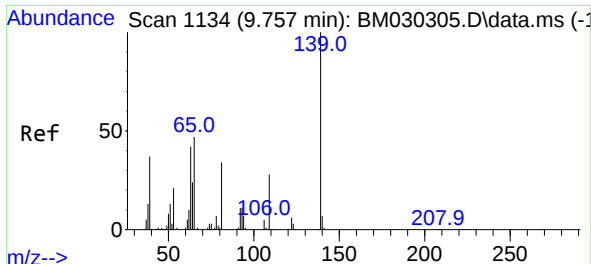


#23
Isophorone
Concen: 4.357 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



Tgt Ion: 82 Resp: 96143
Ion Ratio Lower Upper
82 100
95 6.5 5.7 8.5
138 17.1 14.0 21.0





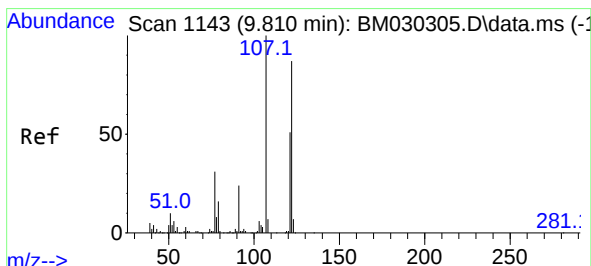
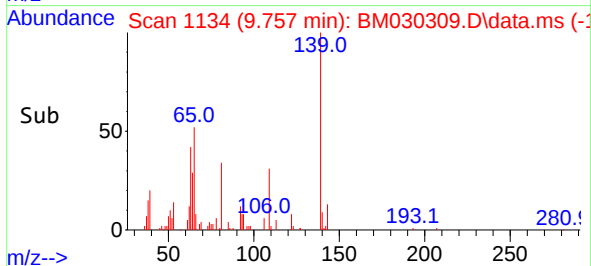
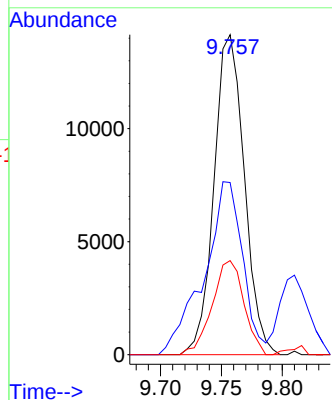
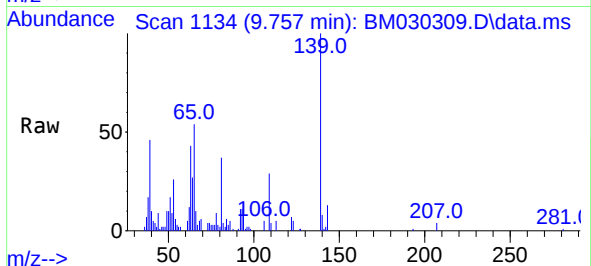
#25
2-Nitrophenol
Concen: 4.737 ng/ul
RT: 9.757 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	139	Resp:	24502
Ion	Ratio	Lower	Upper
139	100		
65	53.8	43.0	64.4
109	29.4	23.8	35.6

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

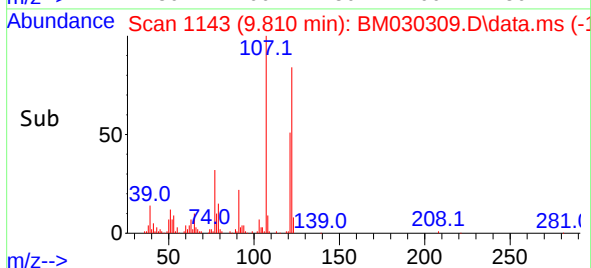
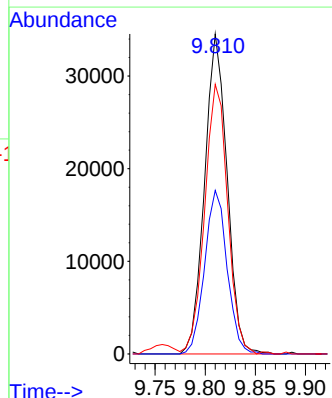
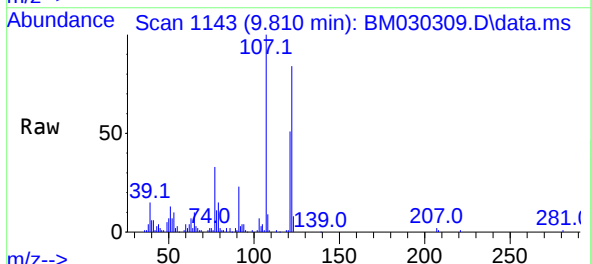
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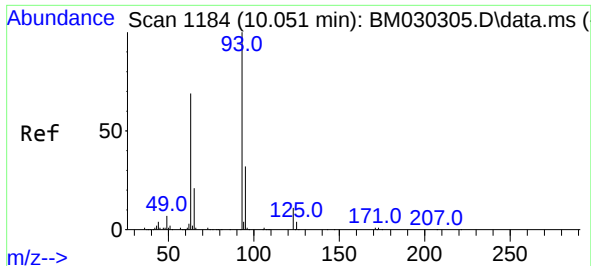
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#26
2,4-Dimethylphenol
Concen: 4.595 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	107	Resp:	53803
Ion	Ratio	Lower	Upper
107	100		
121	51.1	40.2	60.4
122	84.3	69.2	103.8





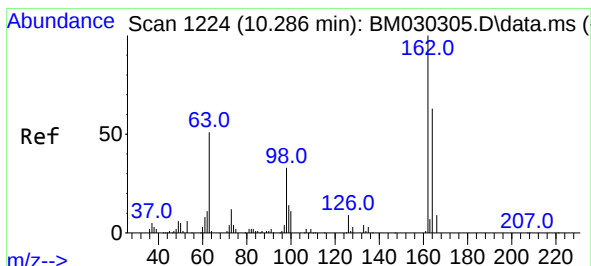
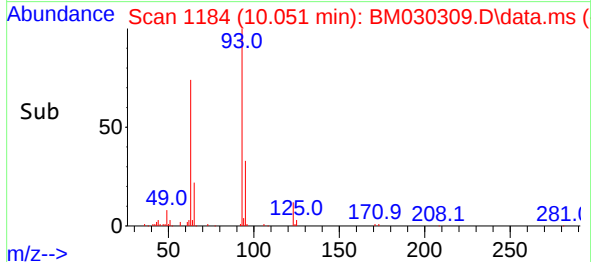
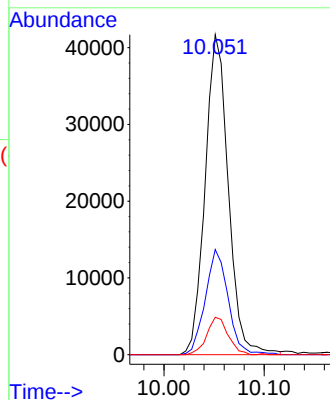
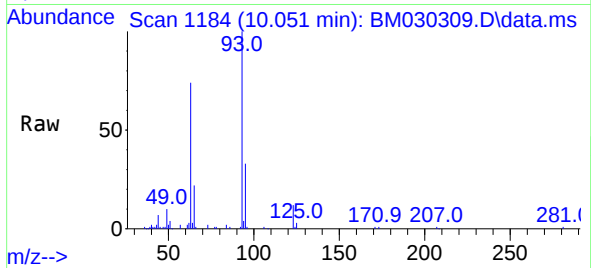
#27
Bis(2-Chloroethoxy)methane
Concen: 4.568 ng/ul
RT: 10.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	93	Resp:	67112
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.7	9.0	13.6

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

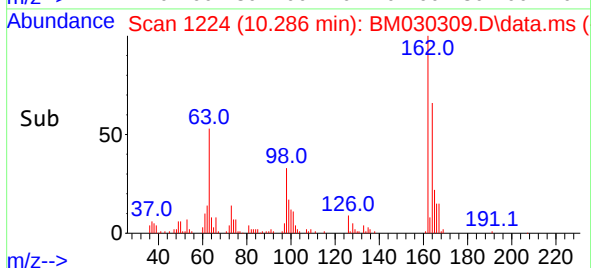
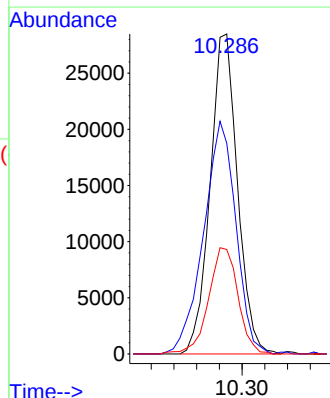
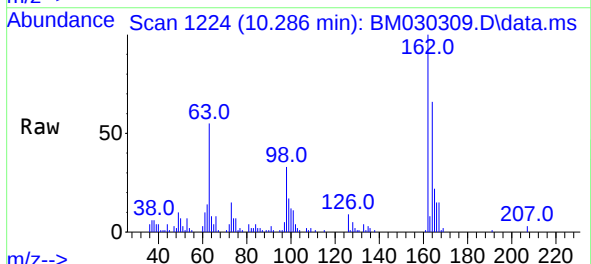
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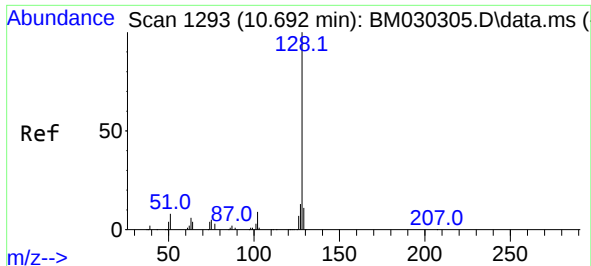
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#29
2,4-Dichlorophenol
Concen: 4.822 ng/ul
RT: 10.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	162	Resp:	47760
Ion	Ratio	Lower	Upper
162	100		
164	65.8	51.5	77.3
98	32.7	27.8	41.8





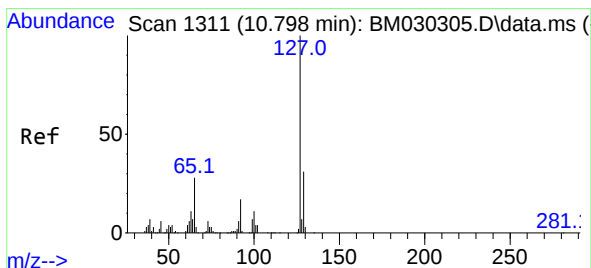
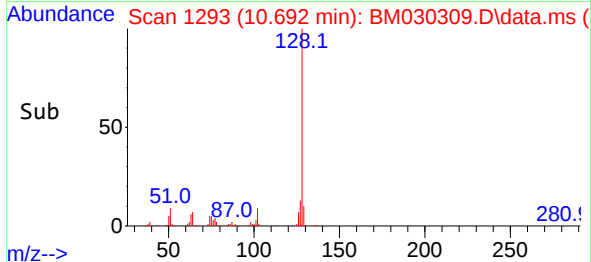
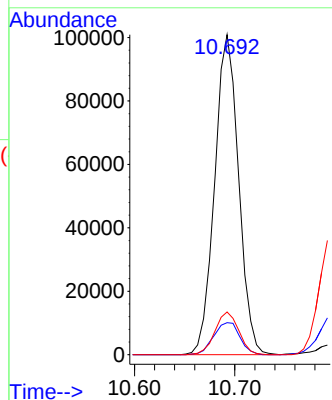
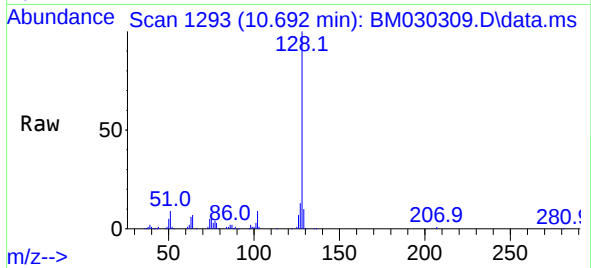
#30
Naphthalene
Concen: 4.806 ng/u1
RT: 10.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:128 Resp: 167322
Ion Ratio Lower Upper
128 100
129 10.0 8.6 13.0
127 13.4 10.2 15.2

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

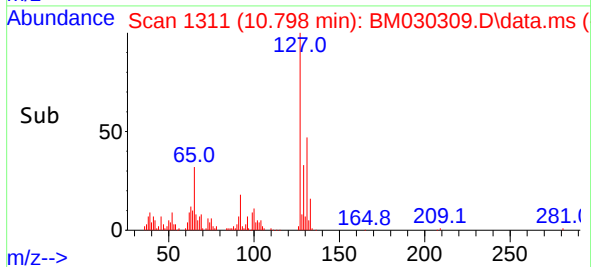
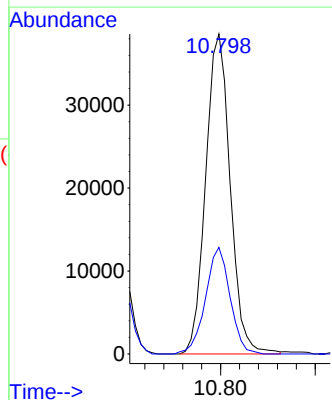
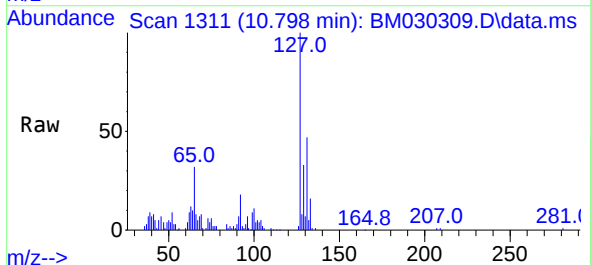
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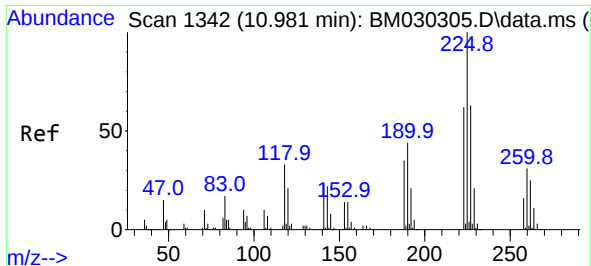
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#32
4-Chloroaniline
Concen: 4.459 ng/u1
RT: 10.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:127 Resp: 69397
Ion Ratio Lower Upper
127 100
129 33.3 26.6 39.8





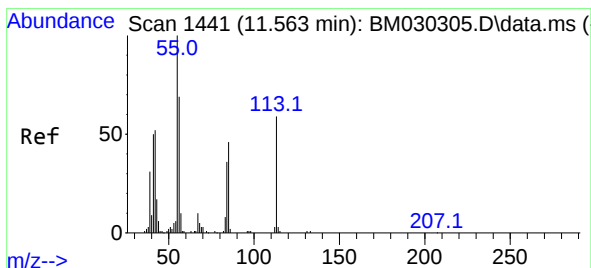
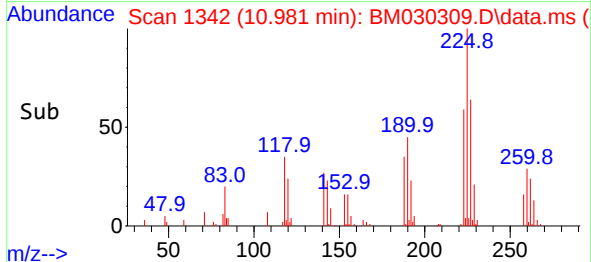
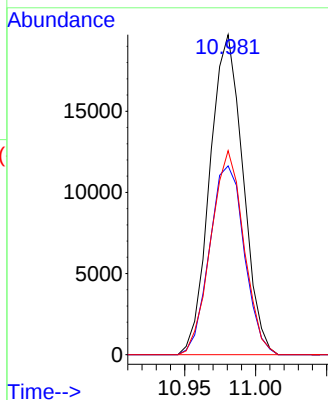
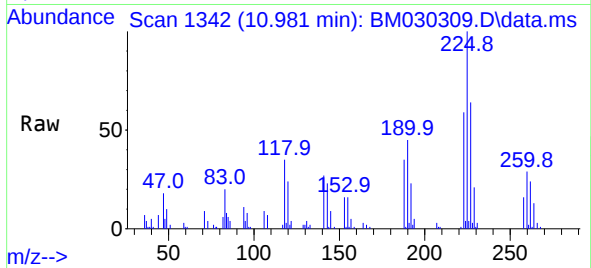
#33
Hexachlorobutadiene
Concen: 5.080 ng/ul
RT: 10.981 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	225	Resp:	32020
Ion	Ratio	Lower	Upper
225	100		
223	56.9	52.2	78.2
227	61.4	54.2	81.4

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

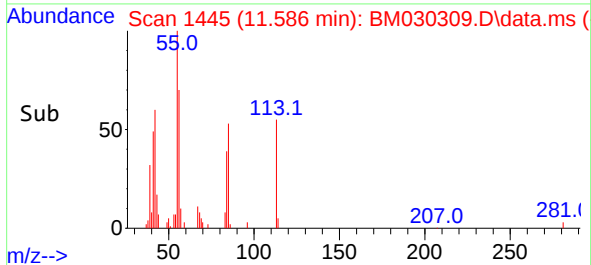
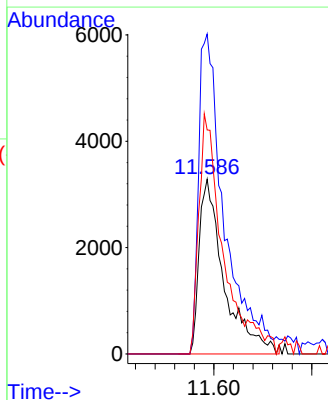
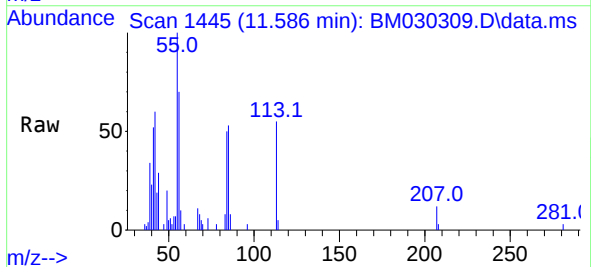
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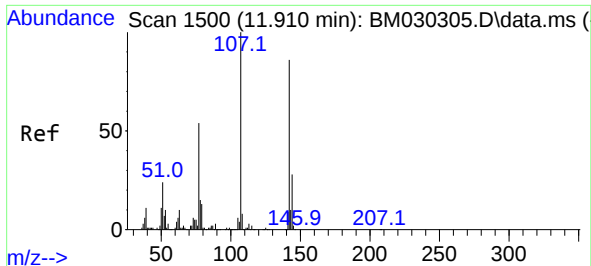
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#34
Caprolactam
Concen: 3.672 ng/ul m
RT: 11.586 min Scan# 1445
Delta R.T. 0.024 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	113	Resp:	11645
Ion	Ratio	Lower	Upper
113	100		
55	183.1	150.3	225.5
56	128.2	110.9	166.3





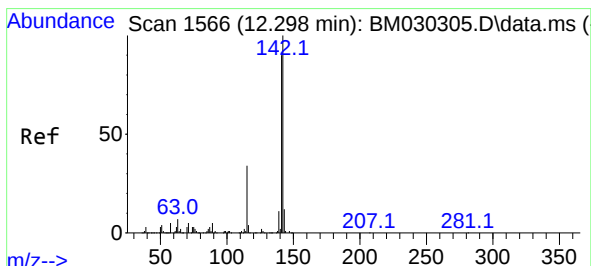
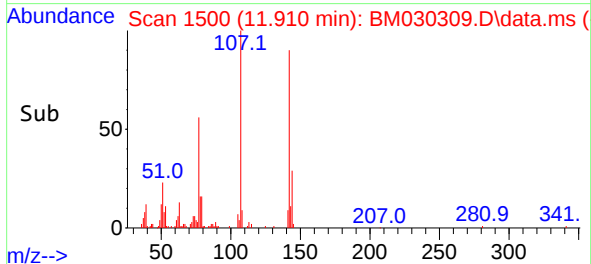
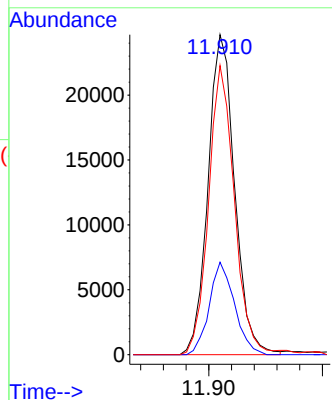
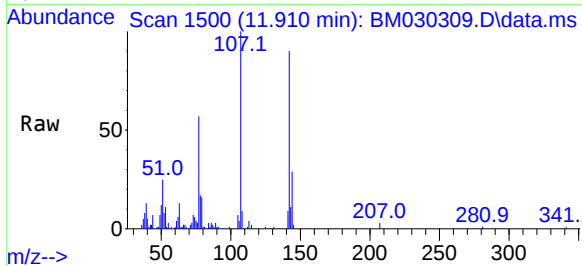
#35
4-Chloro-3-methylphenol
Concen: 3.982 ng/ul
RT: 11.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:107 Resp: 40132
Ion Ratio Lower Upper
107 100
144 28.9 22.3 33.5
142 90.4 67.8 101.6

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

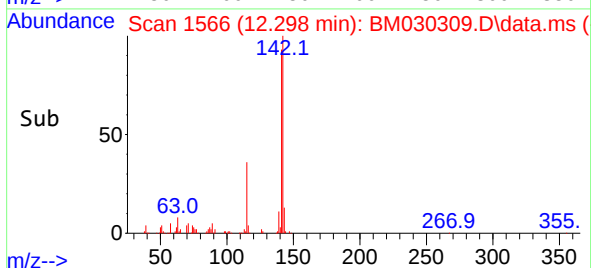
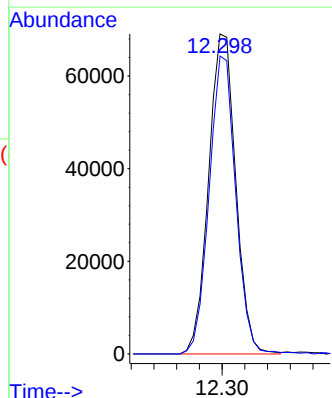
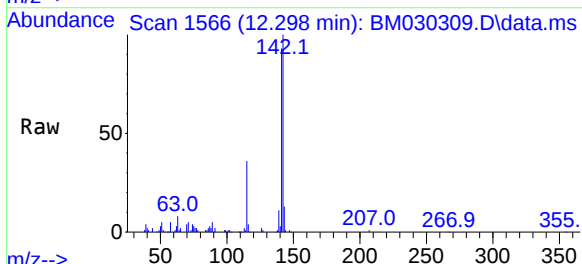
Manual Integrations
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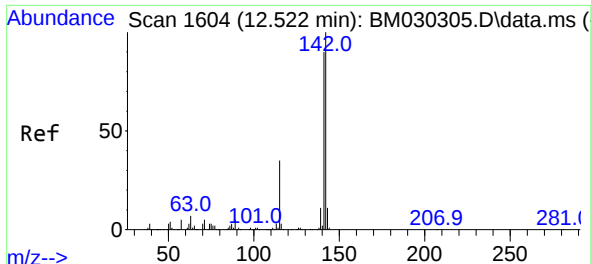
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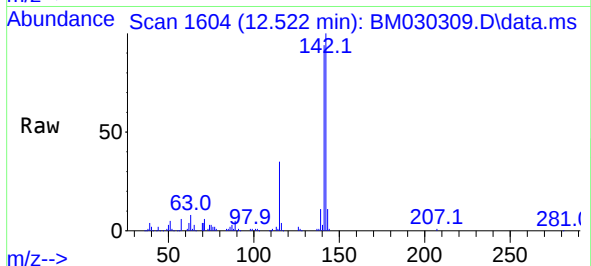
#36
2-Methylnaphthalene
Concen: 4.626 ng/ul
RT: 12.298 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:142 Resp: 114578
Ion Ratio Lower Upper
142 100
141 93.1 70.8 106.2

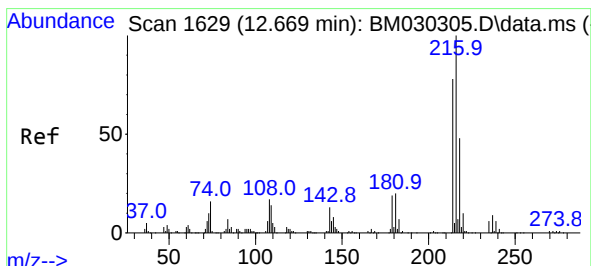
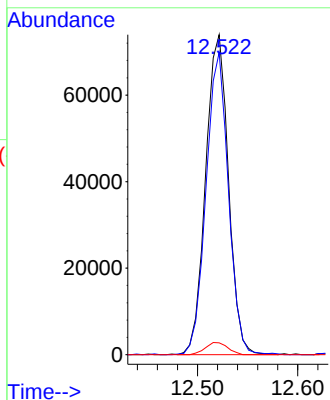
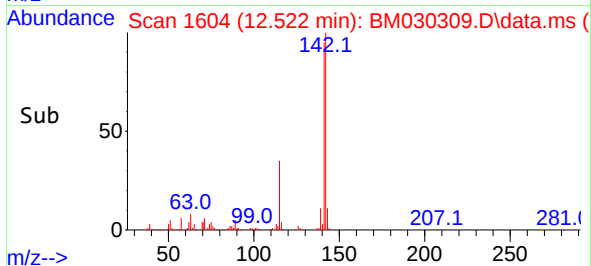




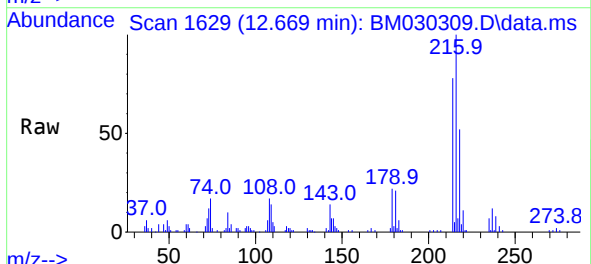
#37
1-Methylnaphthalene
Concen: 4.656 ng/ul
RT: 12.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



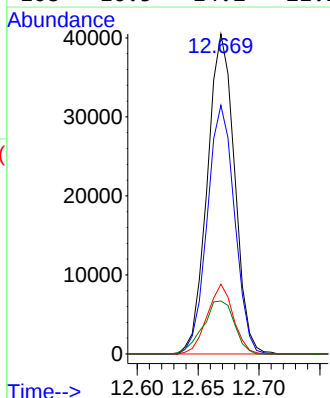
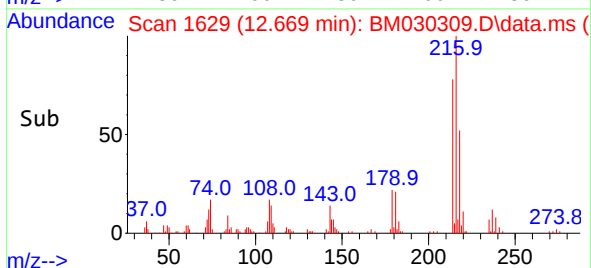
Tgt Ion:142 Resp: 117030
Ion Ratio Lower Upper
142 100
141 94.5 74.2 111.2
116 3.7 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.920 ng/ul
RT: 12.669 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



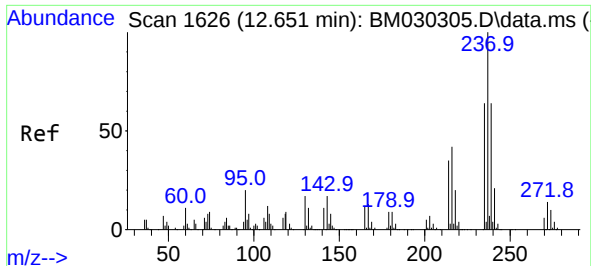
Tgt Ion:216 Resp: 63085
Ion Ratio Lower Upper
216 100
214 77.7 63.0 94.6
179 21.8 16.8 25.2
108 16.5 14.2 21.2



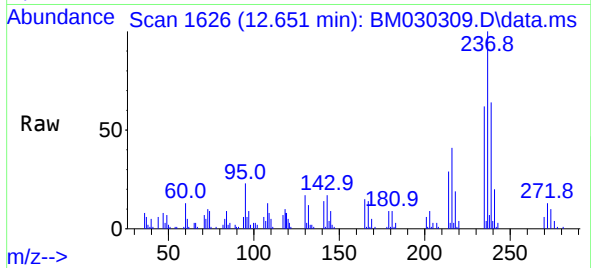
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

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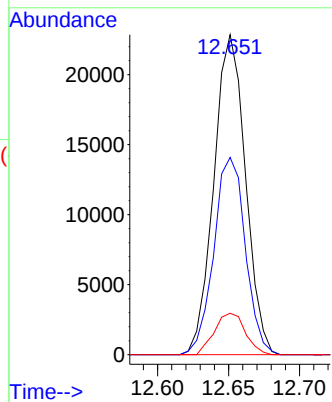
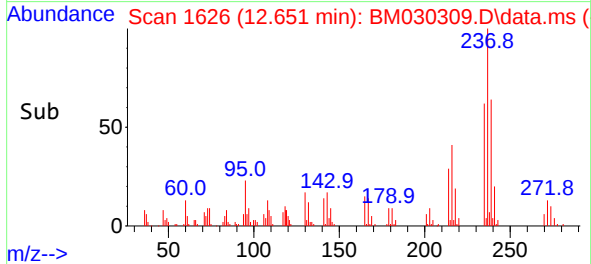
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#40
Hexachlorocyclopentadiene
Concen: 4.369 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



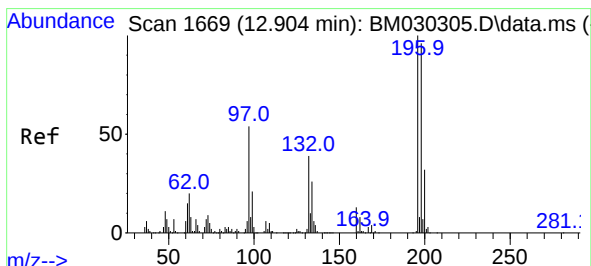
Tgt Ion:237 Resp: 35401
Ion Ratio Lower Upper
237 100
235 61.7 51.9 77.9
272 13.0 9.8 14.8



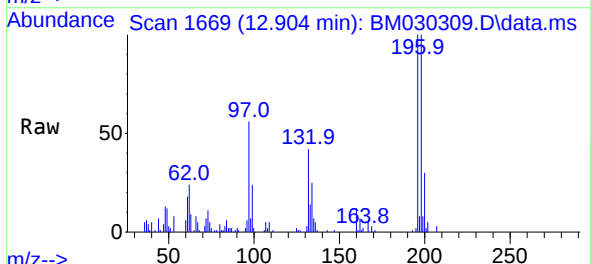
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BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

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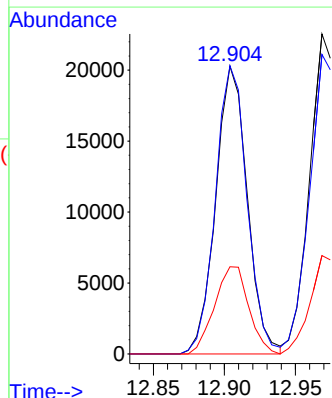
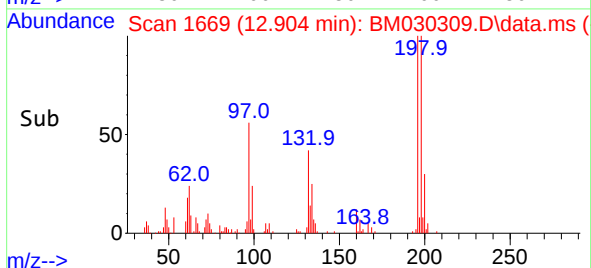
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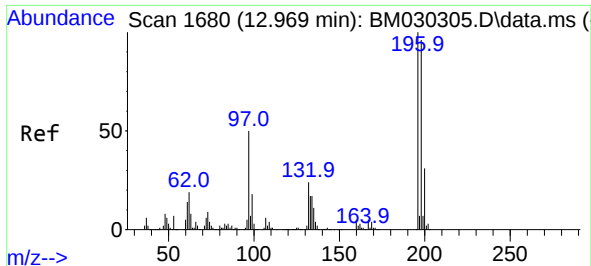


#41
2,4,6-Trichlorophenol
Concen: 4.073 ng/ul
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

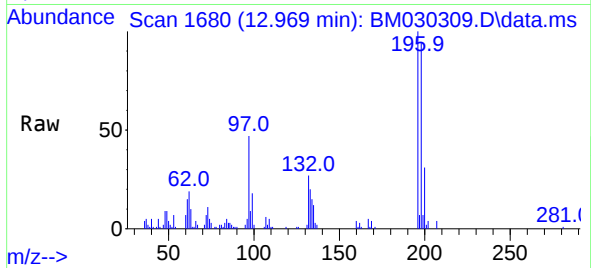


Tgt Ion:196 Resp: 31378
Ion Ratio Lower Upper
196 100
198 100.1 75.8 113.6
200 30.3 24.4 36.6

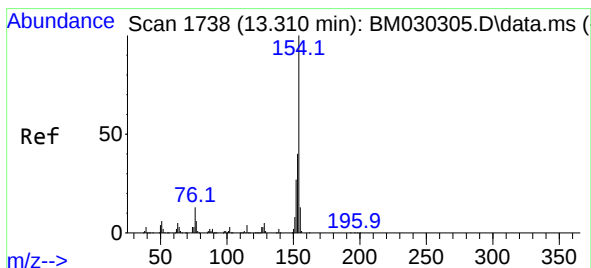
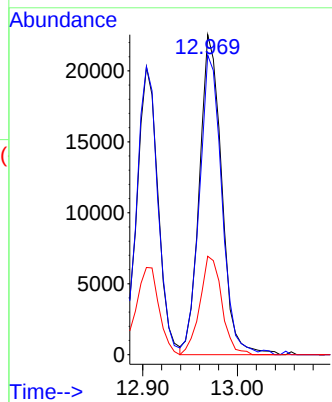
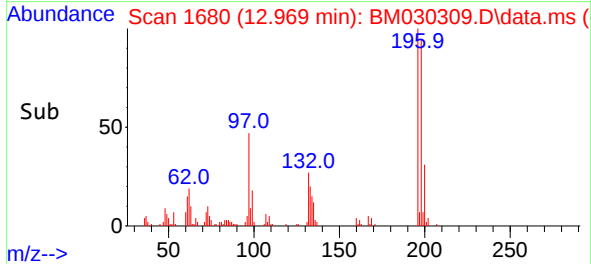




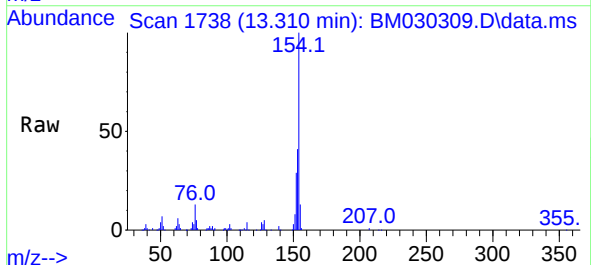
#42
2,4,5-Trichlorophenol
Concen: 4.377 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



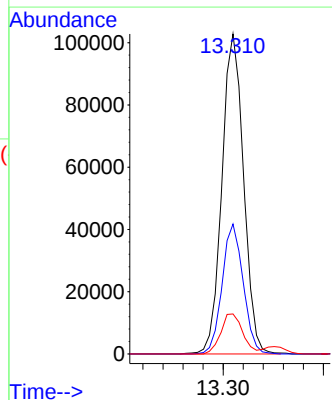
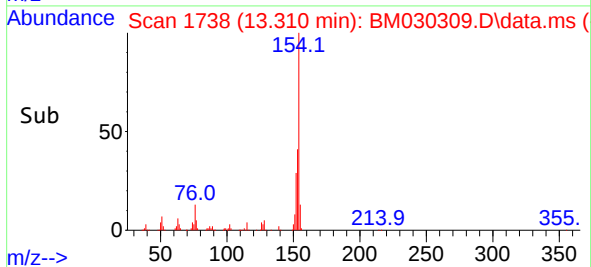
Tgt Ion:196 Resp: 36730
Ion Ratio Lower Upper
196 100
198 93.6 77.5 116.3
200 30.7 25.1 37.7



#43
1,1'-Biphenyl
Concen: 4.793 ng/ul
RT: 13.310 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



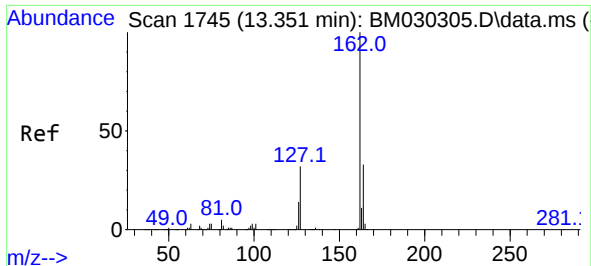
Tgt Ion:154 Resp: 154017
Ion Ratio Lower Upper
154 100
153 40.6 31.5 47.3
76 12.5 10.8 16.2



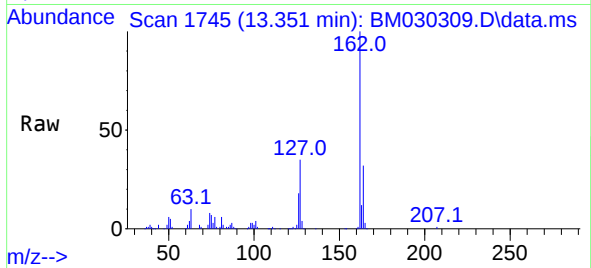
Instrument :
BNA_M
ClientSampleId :
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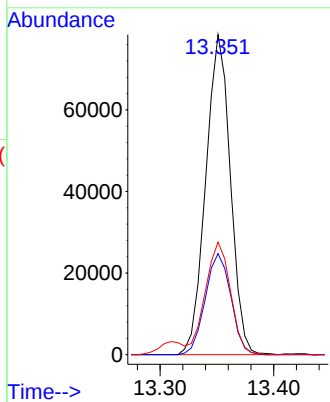
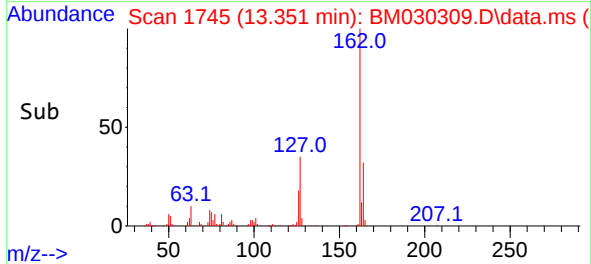
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#44
2-Chloronaphthalene
Concen: 4.765 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



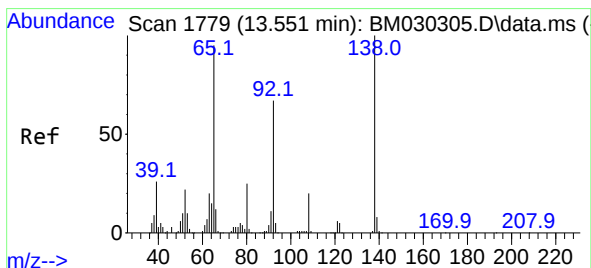
Tgt Ion:162 Resp: 118180
Ion Ratio Lower Upper
162 100
164 31.6 26.0 39.0
127 35.2 28.6 42.8



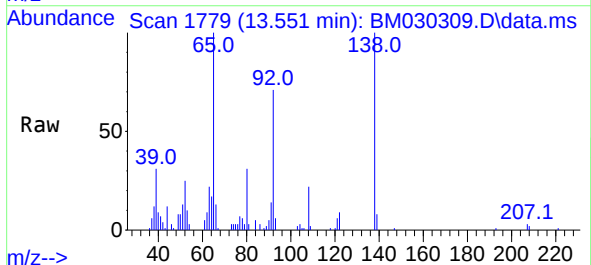
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

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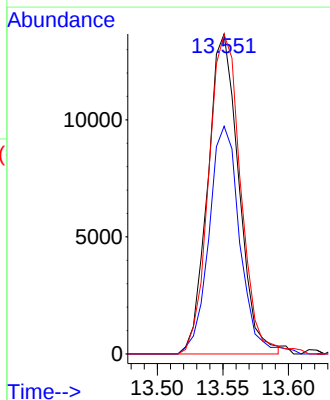
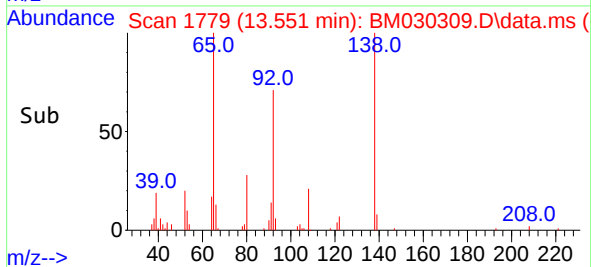
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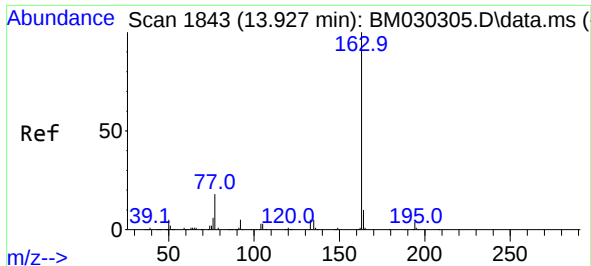


#45
2-Nitroaniline
Concen: 3.624 ng/ul
RT: 13.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



Tgt Ion: 65 Resp: 22466
Ion Ratio Lower Upper
65 100
92 71.1 54.4 81.6
138 99.8 84.1 126.1





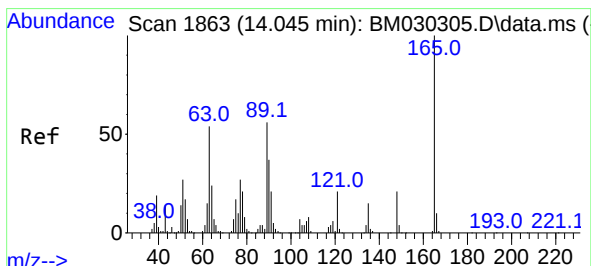
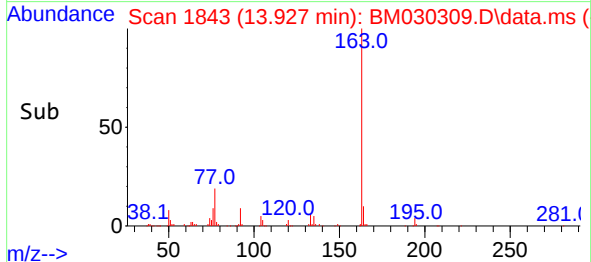
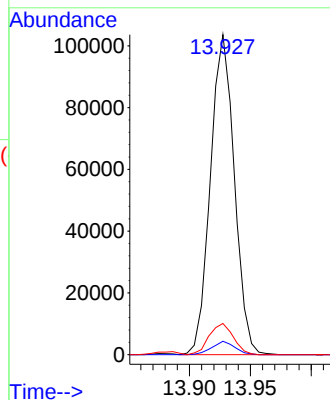
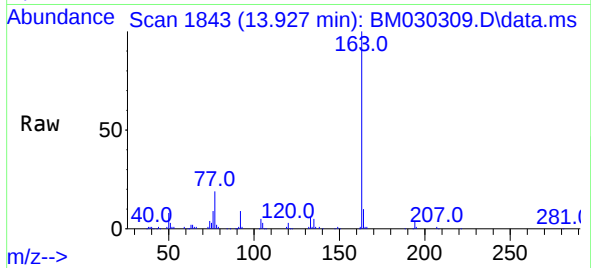
#47
Dimethylphthalate
Concen: 4.798 ng/ul
RT: 13.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:163 Resp: 141874
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.8 8.0 12.0

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

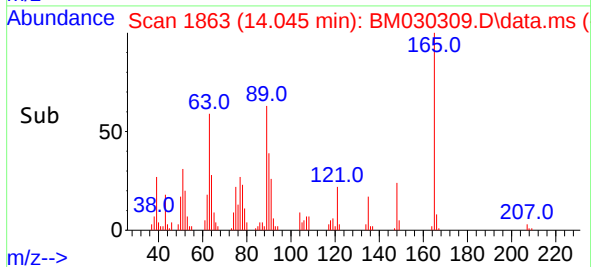
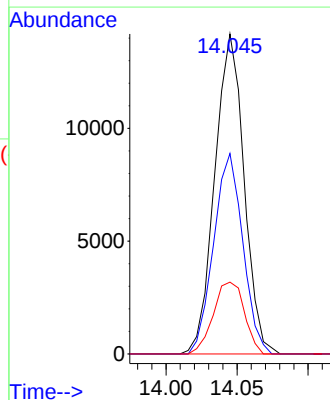
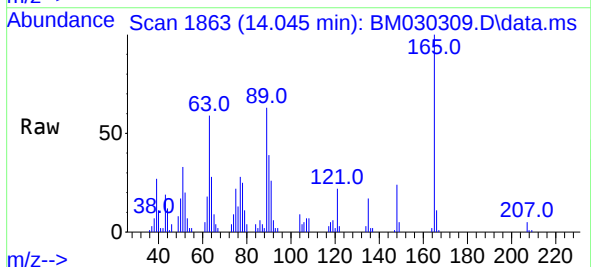
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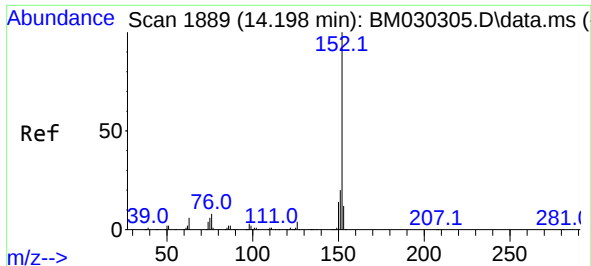
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#48
2,6-Dinitrotoluene
Concen: 3.836 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

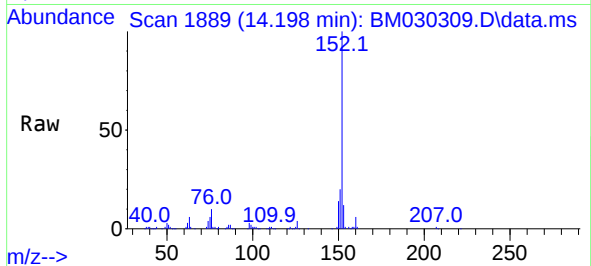
Tgt Ion:165 Resp: 20327
Ion Ratio Lower Upper
165 100
89 62.6 49.8 74.6
121 22.4 18.6 27.8





#50
Acenaphthylene
Concen: 4.883 ng/ul
RT: 14.198 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

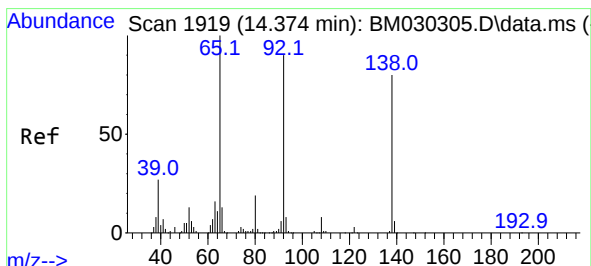
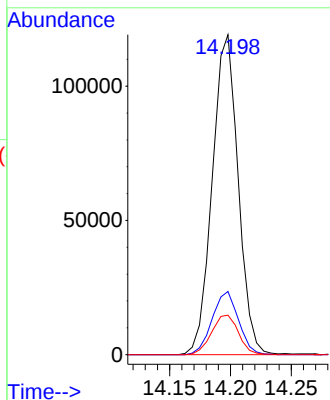
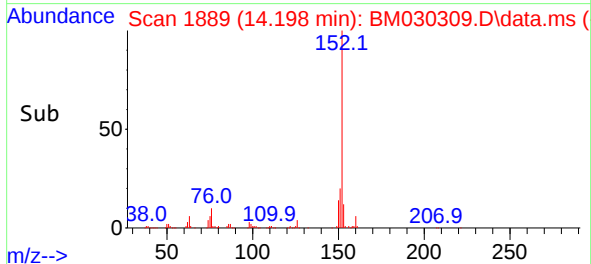
Instrument :
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MDL-SOIL-QT3-2021-05



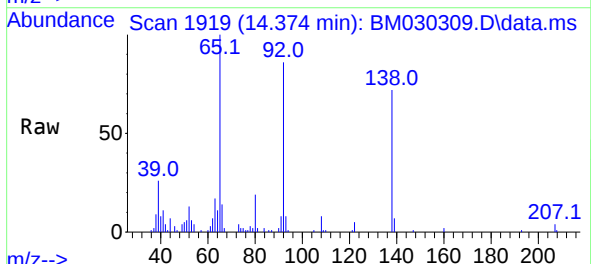
Tgt Ion:152 Resp: 176351
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.4 10.5 15.7

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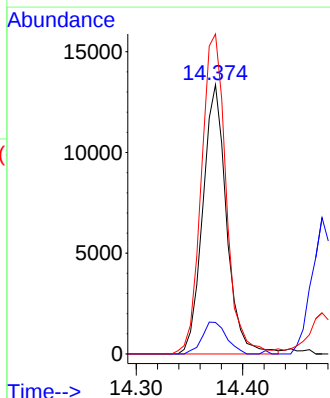
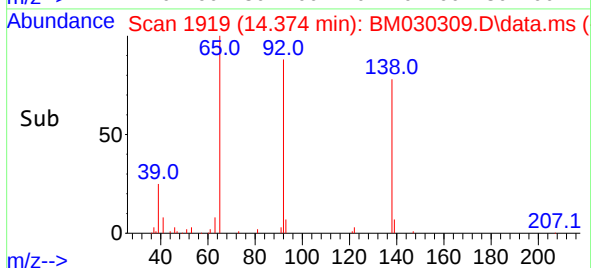
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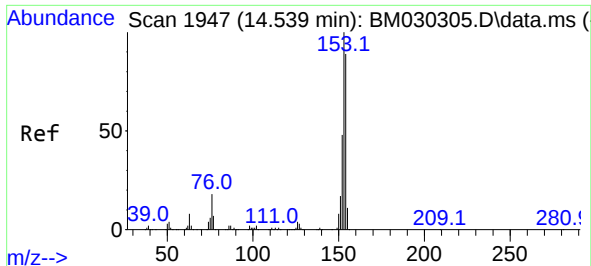


#51
3-Nitroaniline
Concen: 3.426 ng/ul
RT: 14.374 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

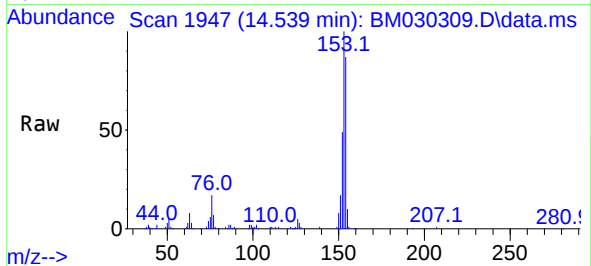


Tgt Ion:138 Resp: 20699
Ion Ratio Lower Upper
138 100
108 11.7 8.7 13.1
92 118.8 94.1 141.1

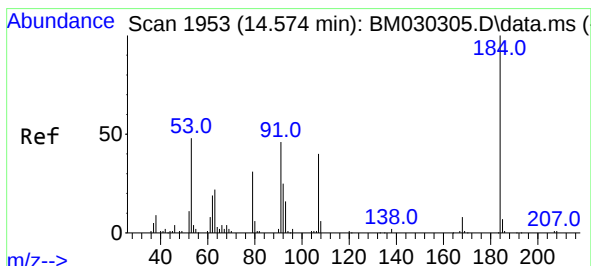
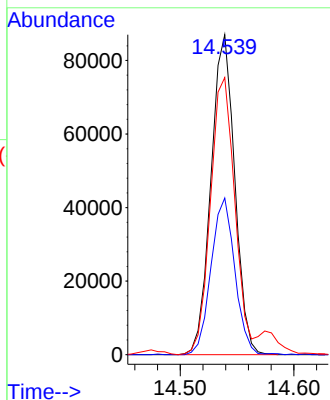
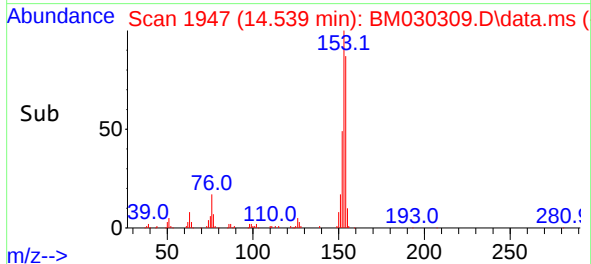




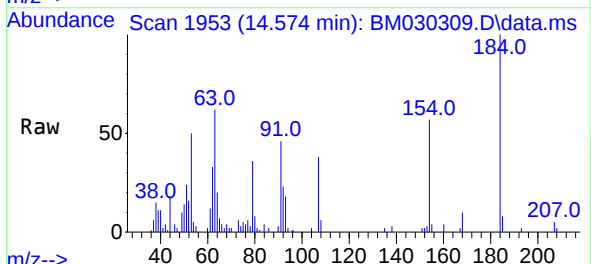
#52
Acenaphthene
Concen: 4.717 ng/ul
RT: 14.539 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



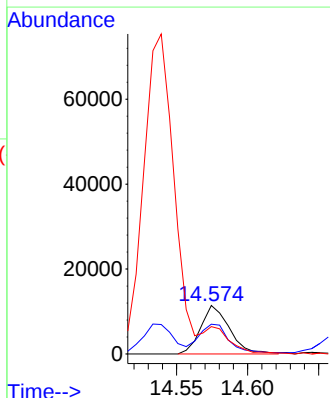
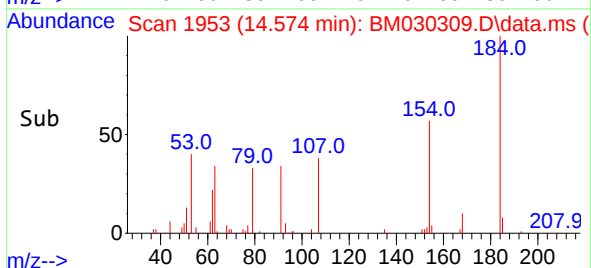
Tgt Ion:153 Resp: 126576
Ion Ratio Lower Upper
153 100
152 49.0 39.0 58.4
154 86.6 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 4.545 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



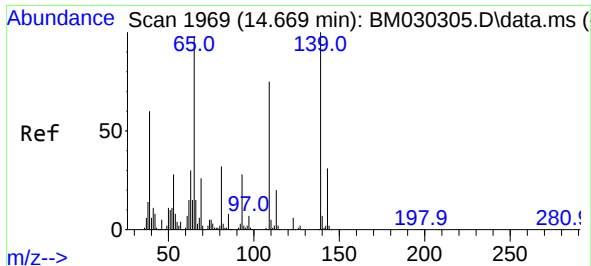
Tgt Ion:184 Resp: 16072
Ion Ratio Lower Upper
184 100
63 61.6 53.9 80.9
154 56.6 47.4 71.0



Instrument :
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ClientSampleId :
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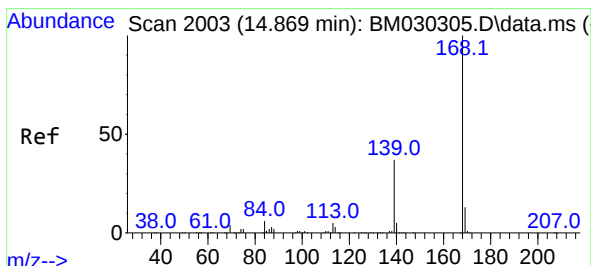
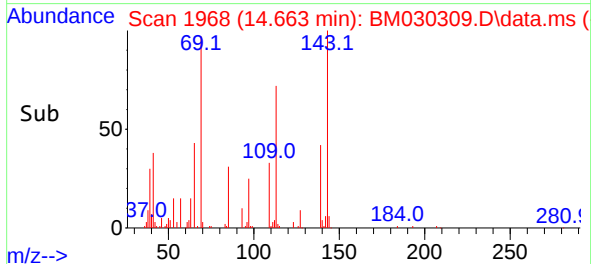
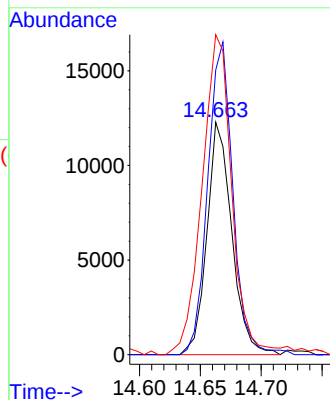
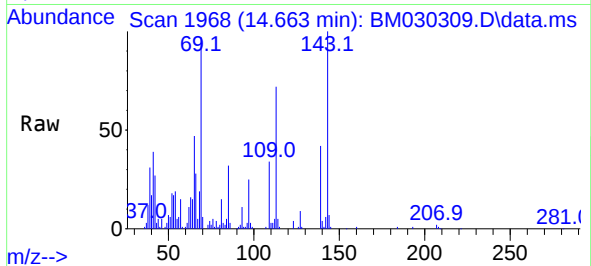
#55
4-Nitrophenol
Concen: 3.938 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:109 Resp: 17481
Ion Ratio Lower Upper
109 100
139 122.4 110.1 165.1
65 137.6 112.4 168.6

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

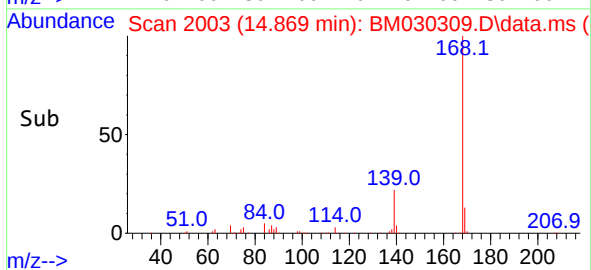
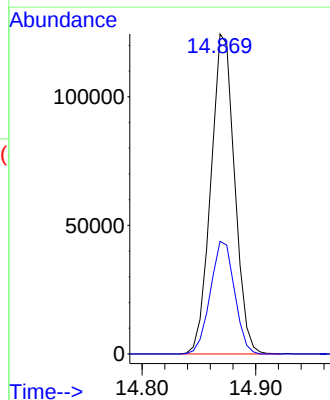
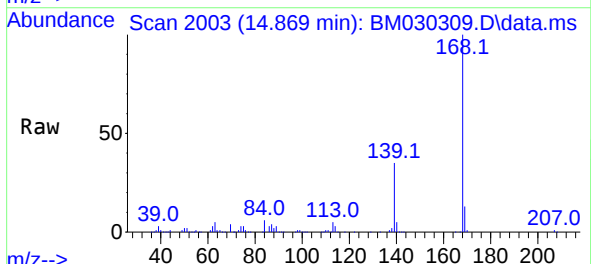
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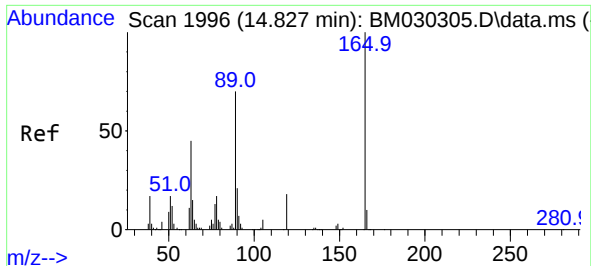
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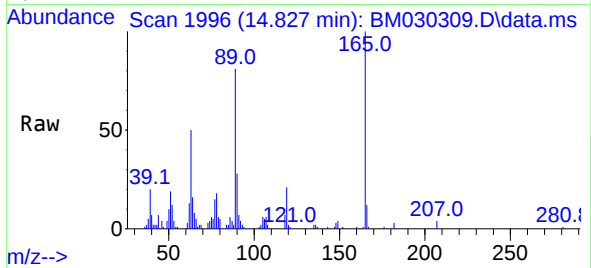
#56
Dibenzofuran
Concen: 4.835 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:168 Resp: 180488
Ion Ratio Lower Upper
168 100
139 35.2 29.4 44.0

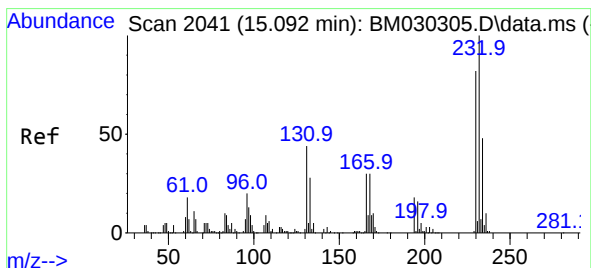
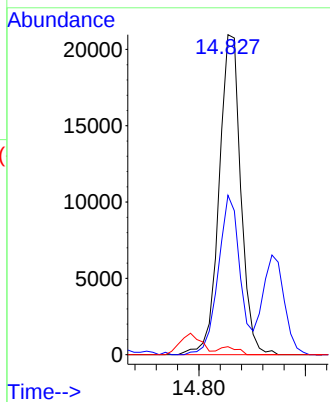
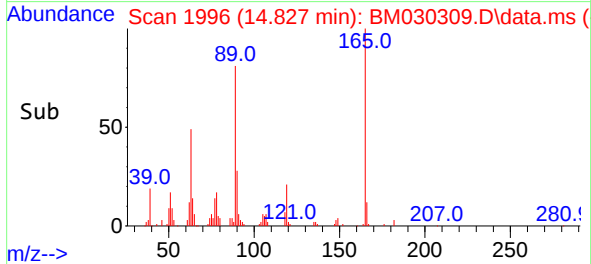




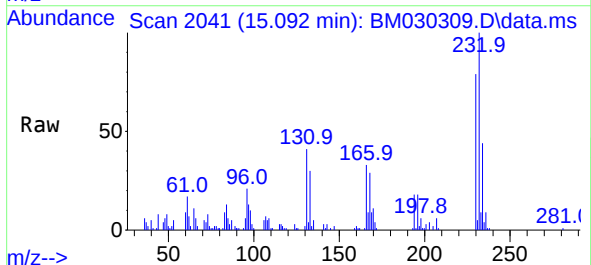
#57
2,4-Dinitrotoluene
Concen: 3.952 ng/ul
RT: 14.827 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



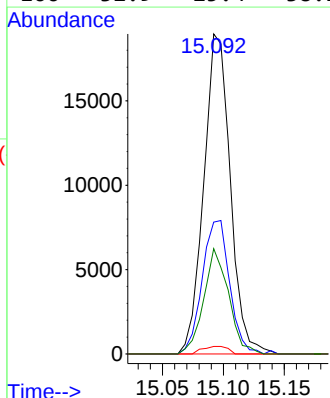
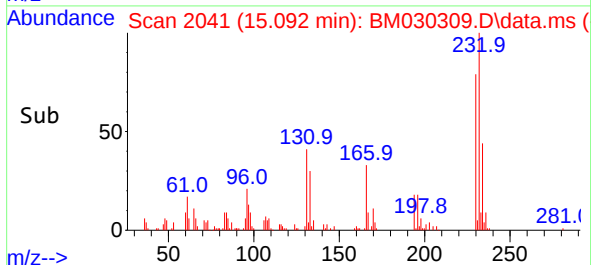
Tgt Ion:165 Resp: 29617
Ion Ratio Lower Upper
165 100
63 49.8 34.2 51.4
182 2.5 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.279 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



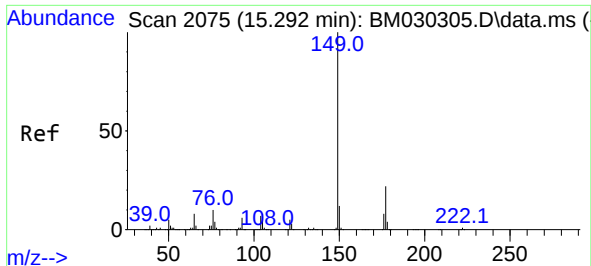
Tgt Ion:232 Resp: 28747
Ion Ratio Lower Upper
232 100
131 41.2 35.7 53.5
130 2.4 1.8 2.6
166 32.9 25.4 38.2



Instrument :
BNA_M
ClientSampleId :
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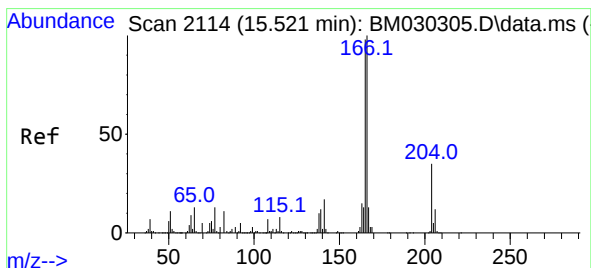
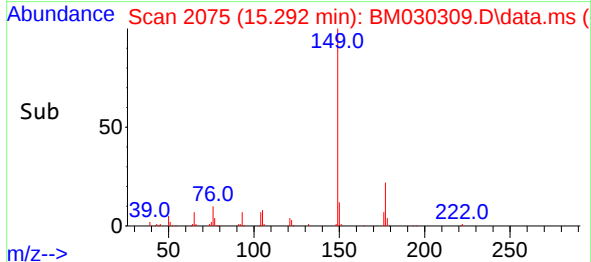
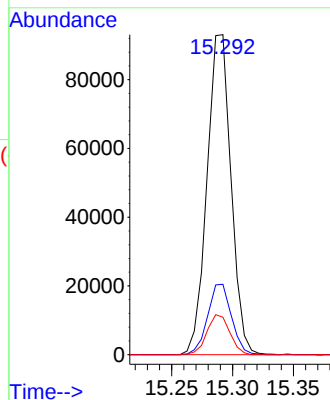
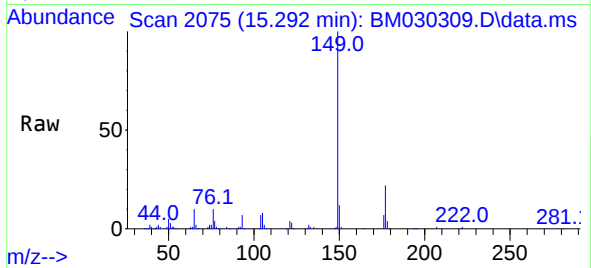
#59
Diethylphthalate
Concen: 4.386 ng/ul
RT: 15.292 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:149 Resp: 127970
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 11.7 10.0 15.0

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

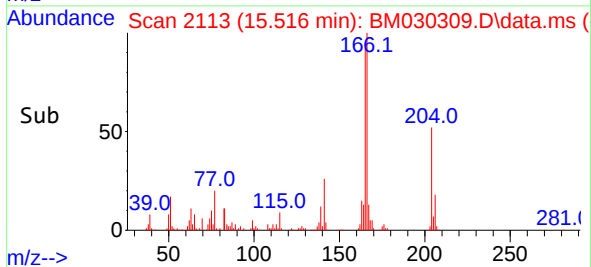
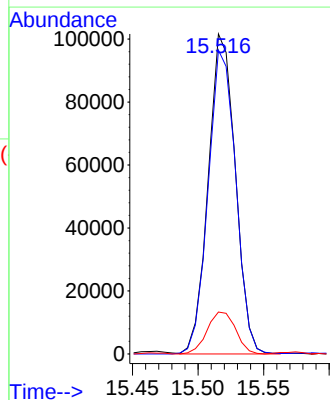
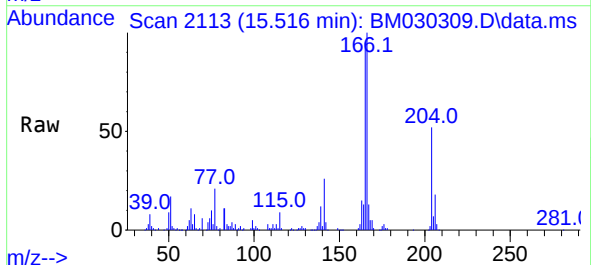
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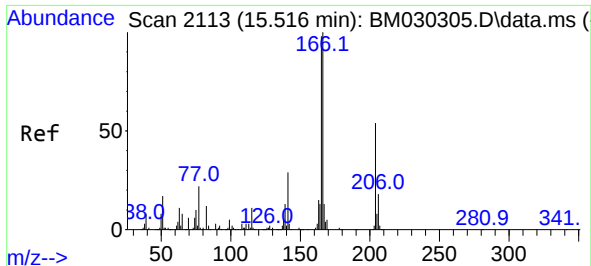
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#61
Fluorene
Concen: 4.656 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:166 Resp: 145949
Ion Ratio Lower Upper
166 100
165 94.9 77.0 115.6
167 13.1 10.5 15.7





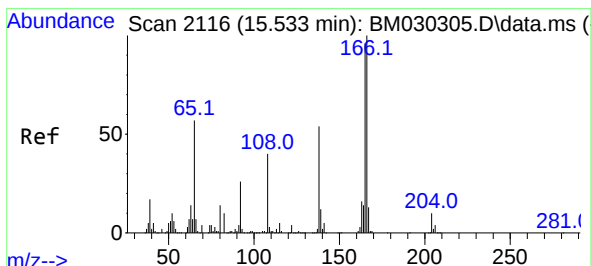
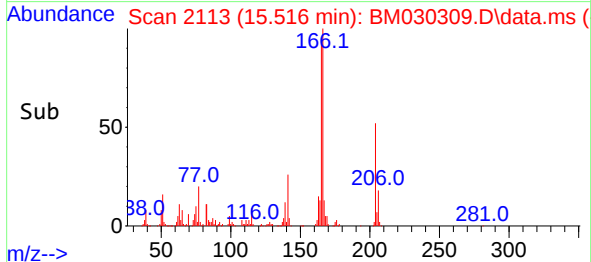
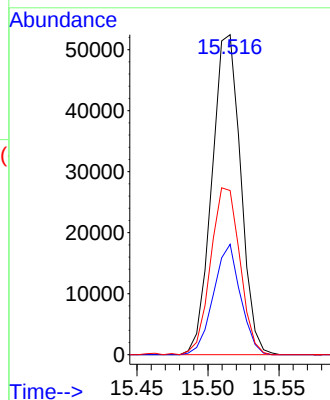
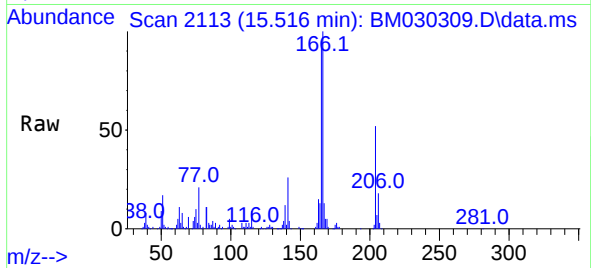
#62
4-Chlorophenyl-phenylether
Concen: 4.895 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:204 Resp: 73885
Ion Ratio Lower Upper
204 100
206 34.5 26.1 39.1
141 51.3 44.0 66.0

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

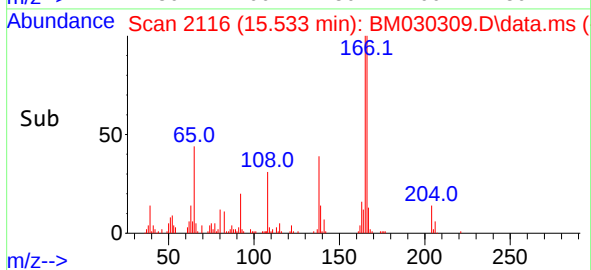
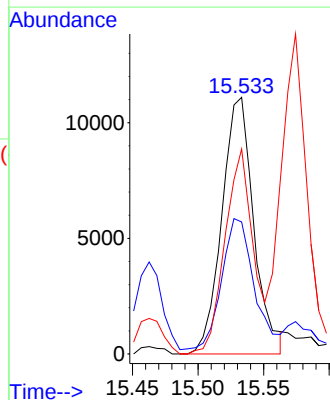
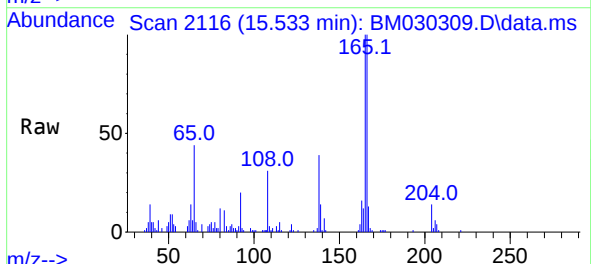
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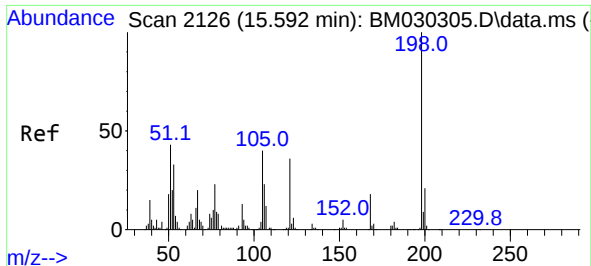
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#63
4-Nitroaniline
Concen: 3.317 ng/ul
RT: 15.533 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:138 Resp: 18765
Ion Ratio Lower Upper
138 100
92 51.4 41.2 61.8
108 79.9 61.3 91.9





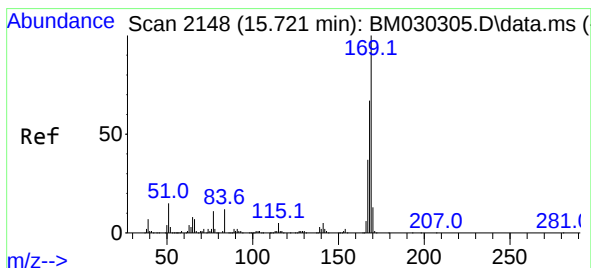
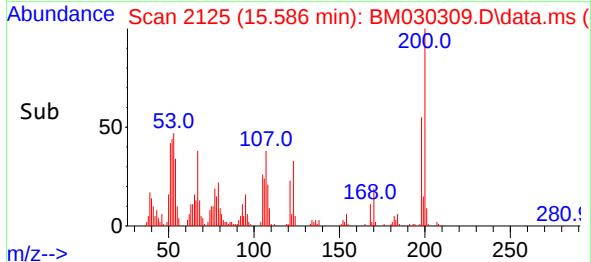
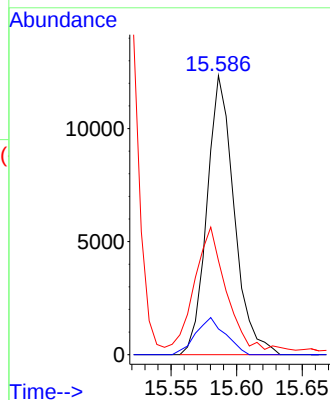
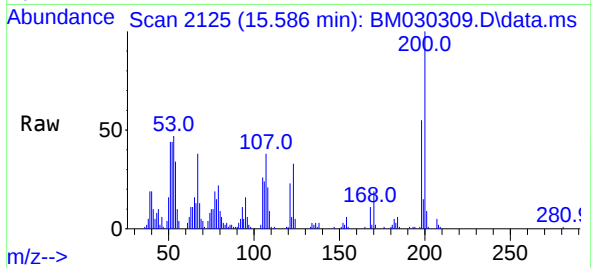
#66
4,6-Dinitro-2-methylphenol
Concen: 3.671 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:198 Resp: 17848
Ion Ratio Lower Upper
198 100
182 9.2 3.7 5.5#
77 33.7 19.5 29.3#

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

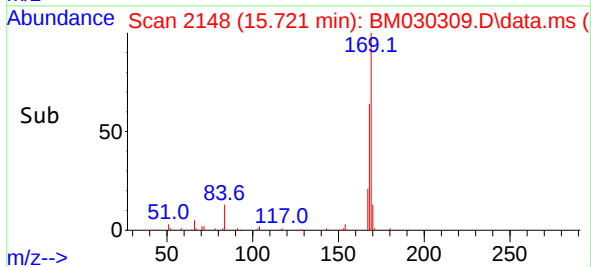
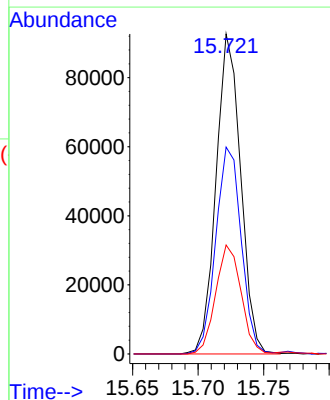
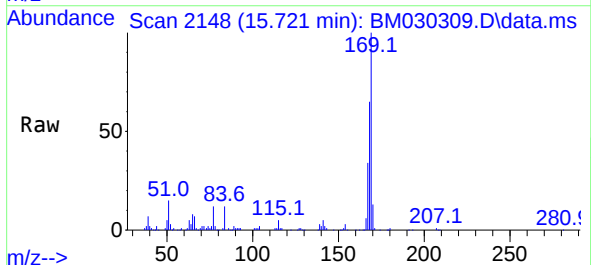
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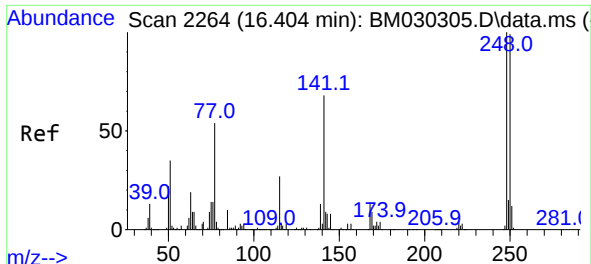
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#67
N-Nitrosodiphenylamine
Concen: 4.833 ng/ul
RT: 15.721 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

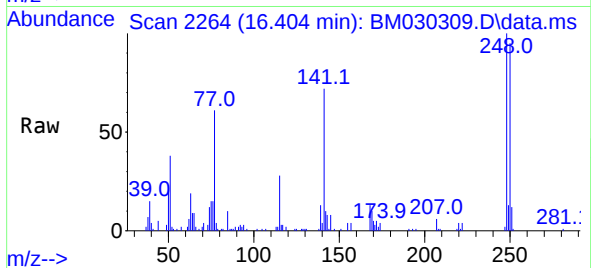
Tgt Ion:169 Resp: 120924
Ion Ratio Lower Upper
169 100
168 64.7 53.8 80.8
167 34.1 29.0 43.6





#68
4-Bromophenyl-phenylether
Concen: 4.801 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

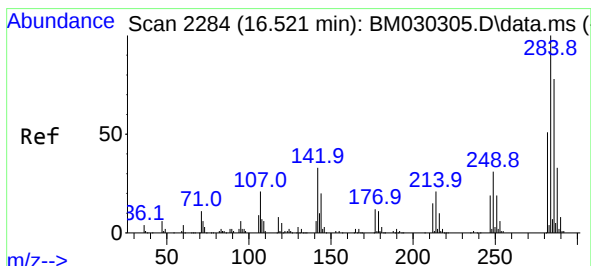
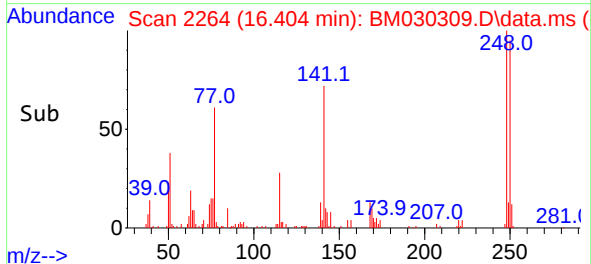
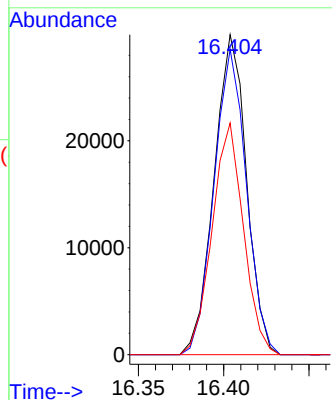
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05



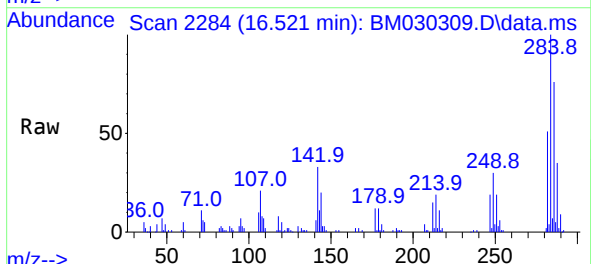
Tgt Ion:248 Resp: 39662
Ion Ratio Lower Upper
248 100
250 95.4 78.6 117.8
141 72.4 57.8 86.6

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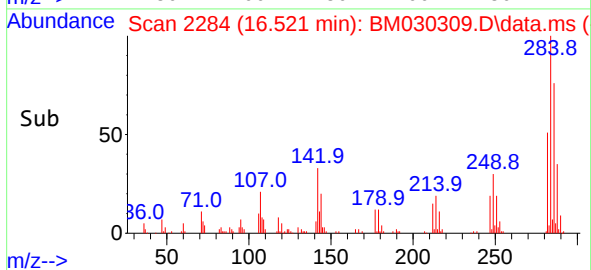
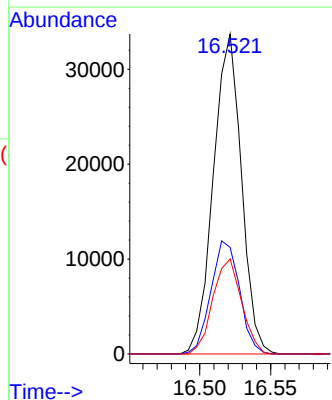
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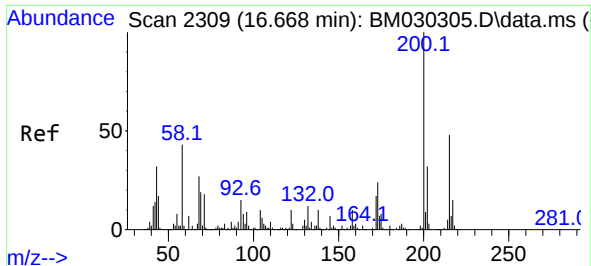


#69
Hexachlorobenzene
Concen: 4.929 ng/ul
RT: 16.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



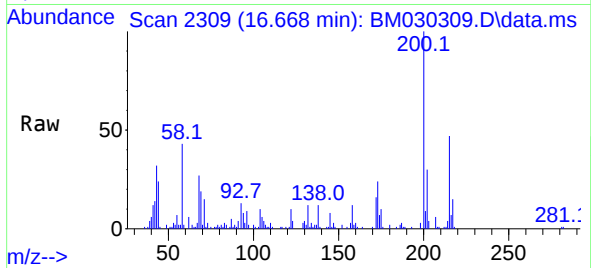
Tgt Ion:284 Resp: 46279
Ion Ratio Lower Upper
284 100
142 33.3 29.6 44.4
249 29.6 24.0 36.0





#70
Atrazine
Concen: 3.833 ng/ul
RT: 16.668 min Scan# 2309
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

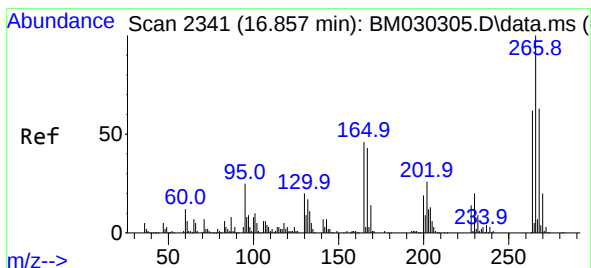
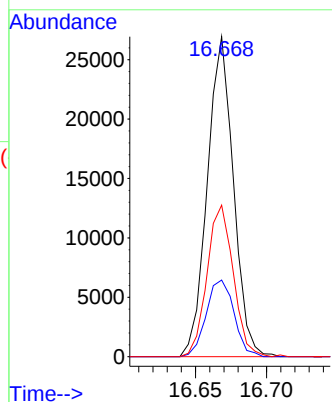
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05



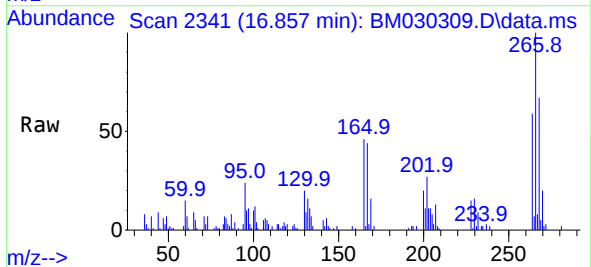
Tgt Ion:	200	Resp:	34415
Ion Ratio	Lower	Upper	
200	100		
173	24.0	20.1	30.1
215	47.3	38.3	57.5

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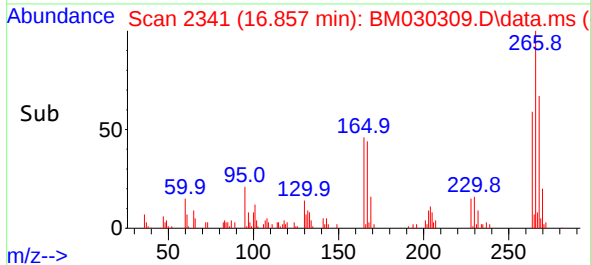
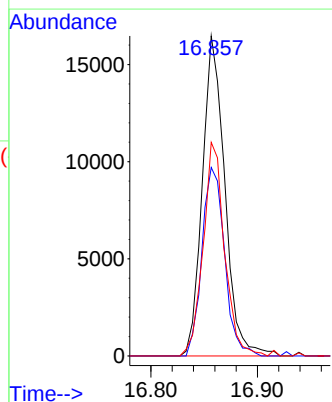
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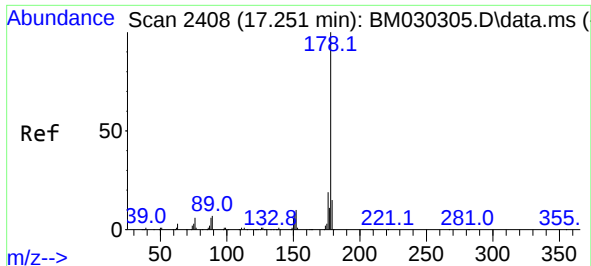


#71
Pentachlorophenol
Concen: 4.203 ng/ul
RT: 16.857 min Scan# 2341
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



Tgt Ion:	266	Resp:	24183
Ion Ratio	Lower	Upper	
266	100		
264	58.9	51.5	77.3
268	66.7	52.3	78.5





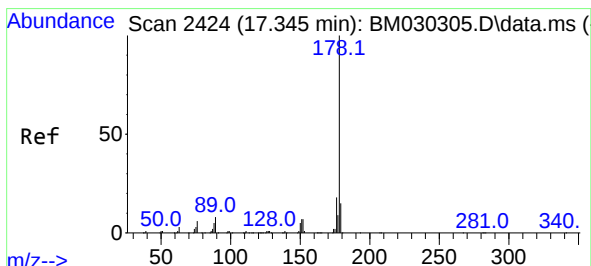
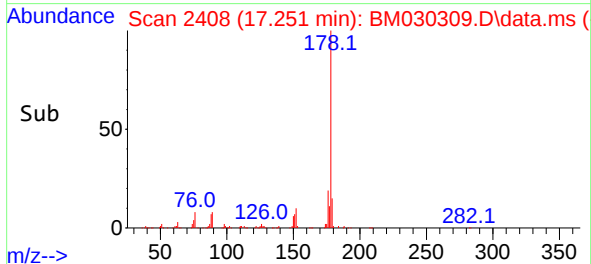
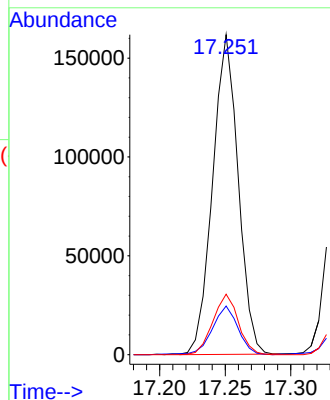
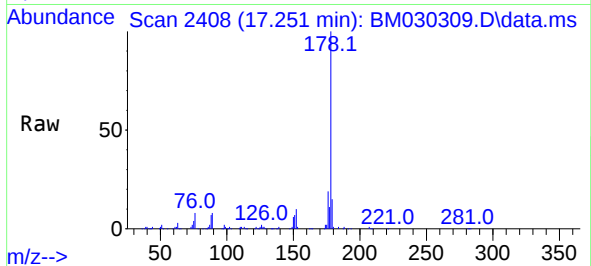
#72
Phenanthrene
Concen: 4.765 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:178 Resp: 218847
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 18.9 15.0 22.6

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

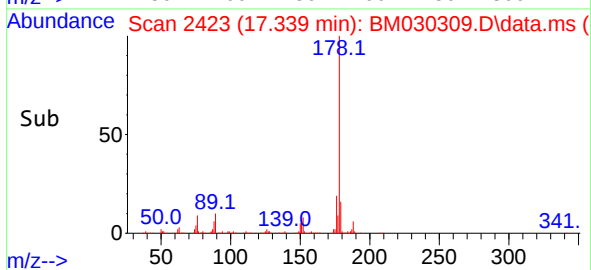
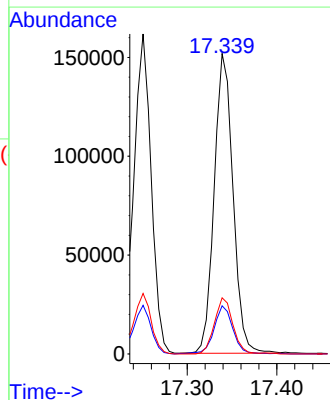
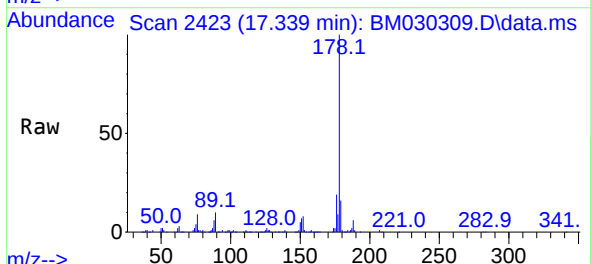
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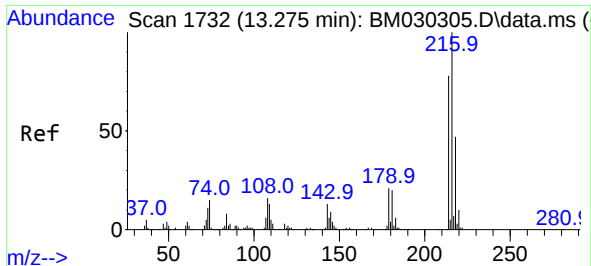
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#74
Anthracene
Concen: 4.762 ng/ul
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:178 Resp: 220734
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.7 15.0 22.4





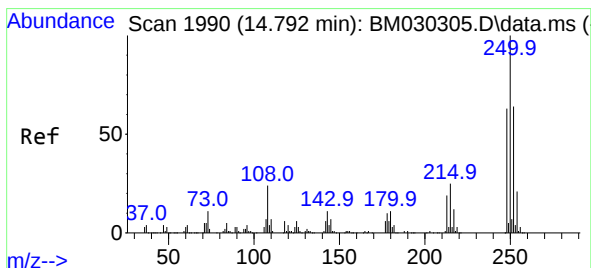
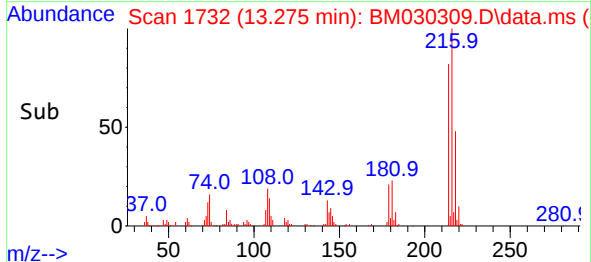
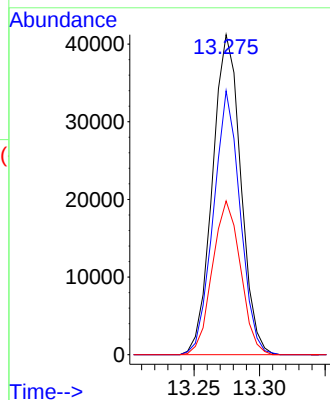
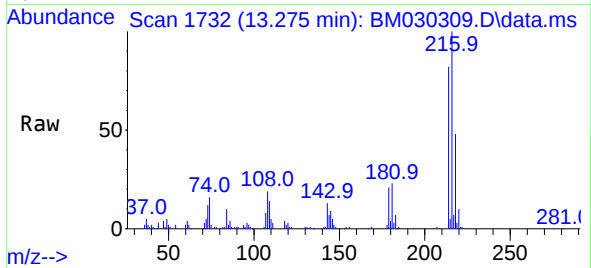
#75
1,2,3,4-Tetrachlorobenzene
Concen: 5.064 ng/uL
RT: 13.275 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	216	Resp:	61891
Ion Ratio	Lower	Upper	
216	100		
214	82.5	63.9	95.9
218	48.1	38.1	57.1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

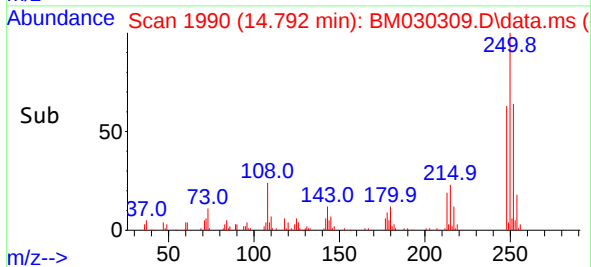
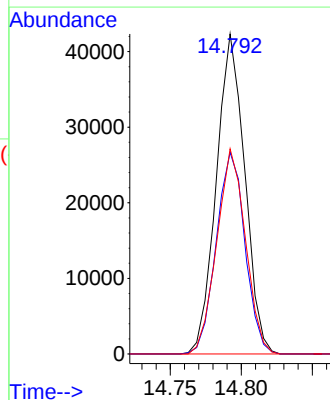
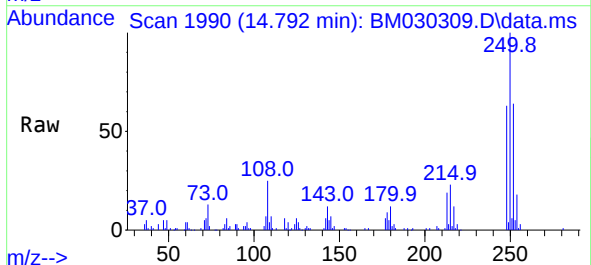
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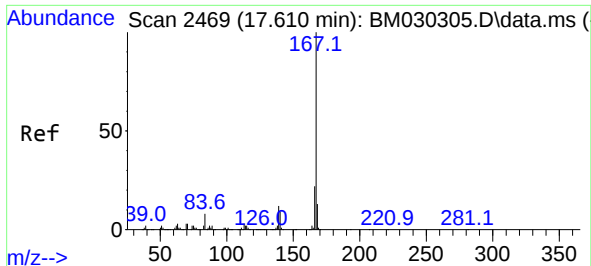
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#76
Pentachlorobenzene
Concen: 5.005 ng/uL
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	250	Resp:	58912
Ion Ratio	Lower	Upper	
250	100		
248	63.0	50.3	75.5
252	64.1	50.6	75.8





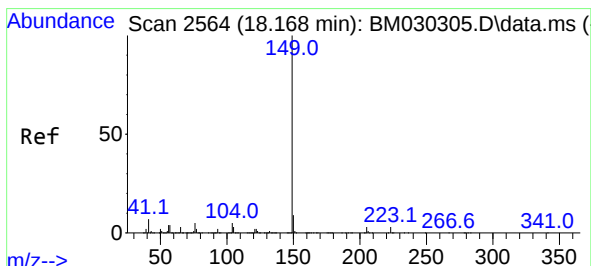
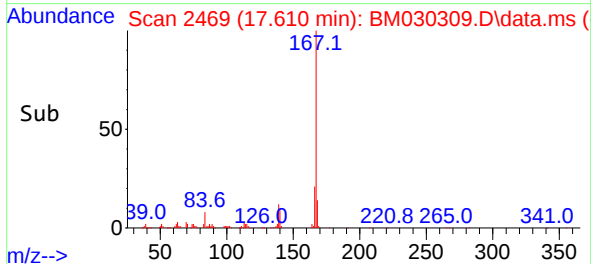
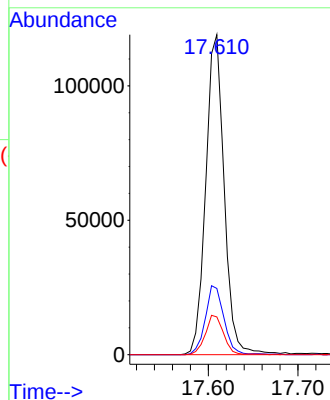
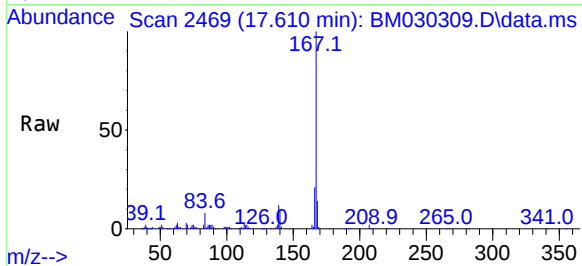
#77
 Carbazole
 Concen: 4.124 ng/ul
 RT: 17.610 min Scan# 2469
 Delta R.T. -0.000 min
 Lab File: BM030309.D
 Acq: 07 Jun 2021 15:17

Tgt Ion:167	Resp: 169781
Ion Ratio	Lower Upper
167 100	
166 20.7	16.7 25.1
139 11.8	9.8 14.8

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

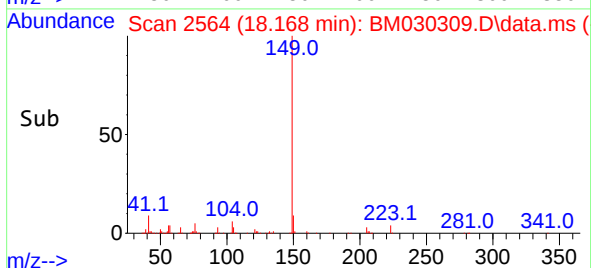
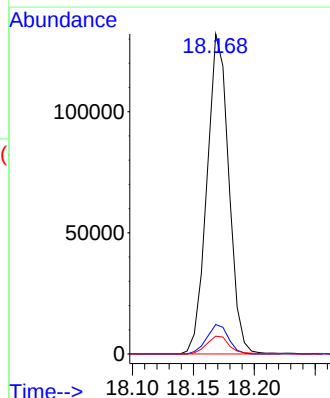
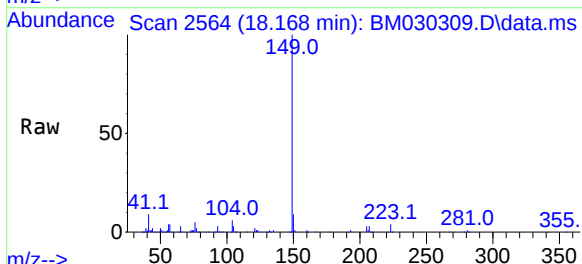
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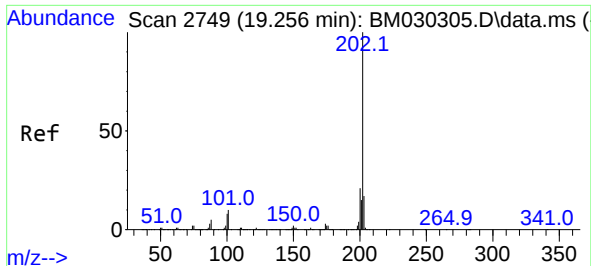
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#78
 Di-n-butylphthalate
 Concen: 3.817 ng/ul
 RT: 18.168 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BM030309.D
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Tgt Ion:149	Resp: 164559		
Ion Ratio	Lower	Upper	
149 100			
150 9.2	7.4	11.2	
104 5.5	4.1	6.1	





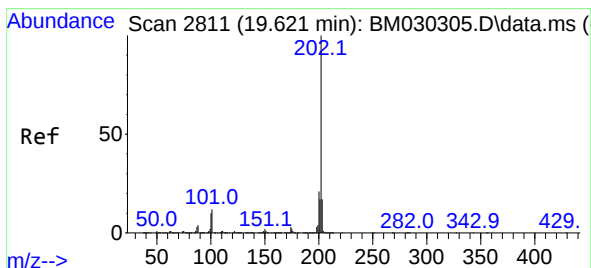
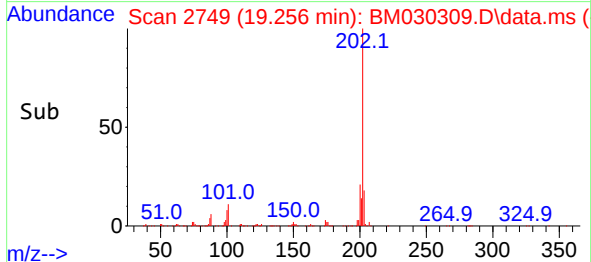
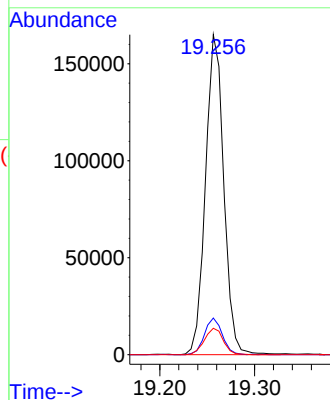
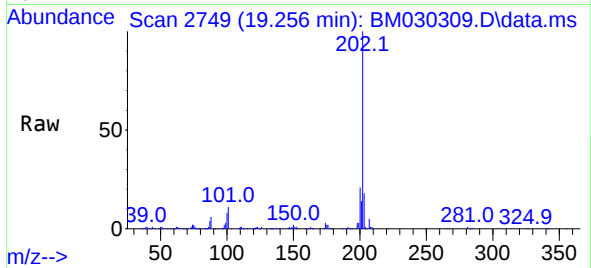
#80
Fluoranthene
Concen: 4.553 ng/ul
RT: 19.256 min Scan# 2749
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:202 Resp: 221137
Ion Ratio Lower Upper
202 100
101 11.5 8.7 13.1
100 8.3 6.6 10.0

Instrument :
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ClientSampleId :
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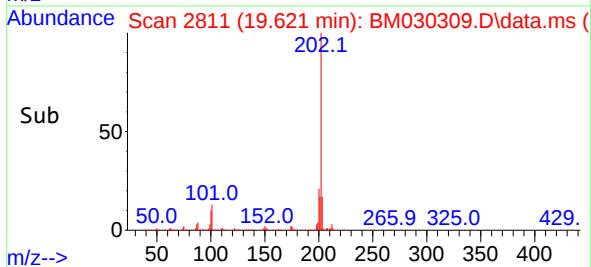
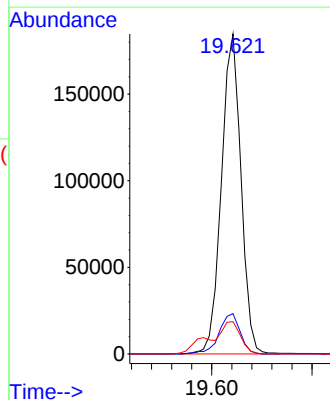
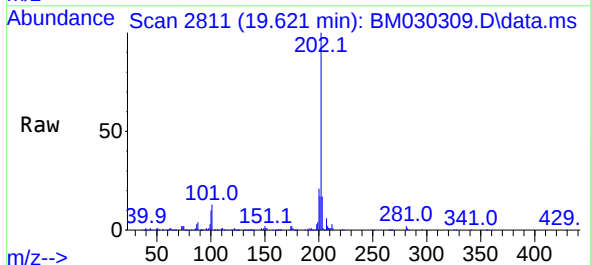
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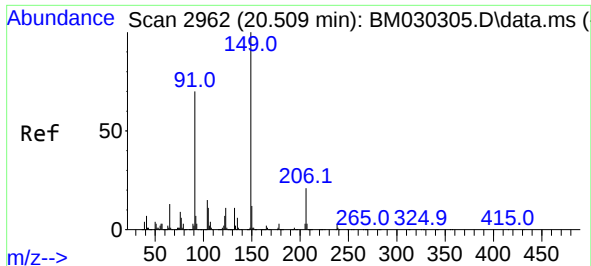
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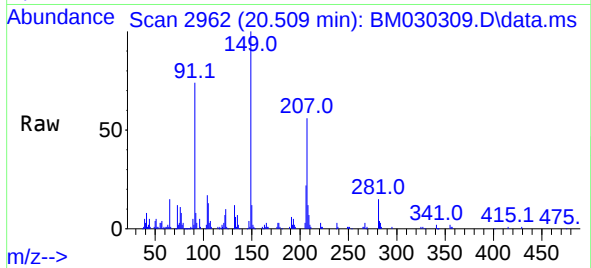
#82
Pyrene
Concen: 4.859 ng/ul
RT: 19.621 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:202 Resp: 249554
Ion Ratio Lower Upper
202 100
101 12.6 10.8 16.2
100 10.1 9.1 13.7

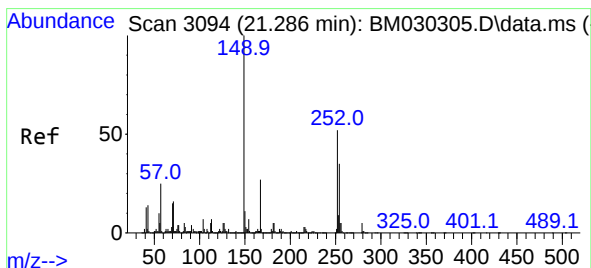
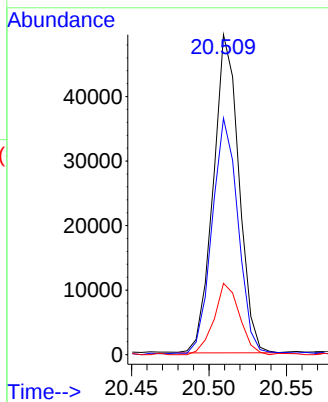
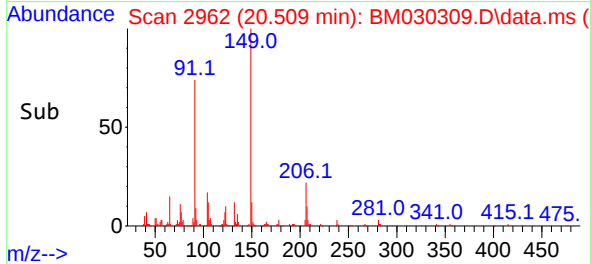




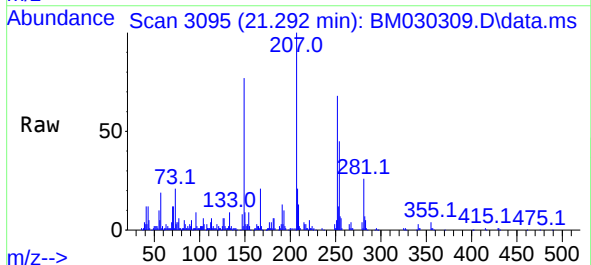
#83
Butylbenzylphthalate
Concen: 3.523 ng/ul
RT: 20.509 min Scan# 2962
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



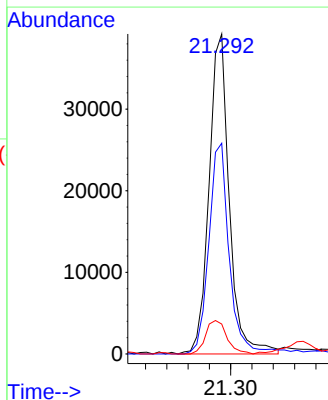
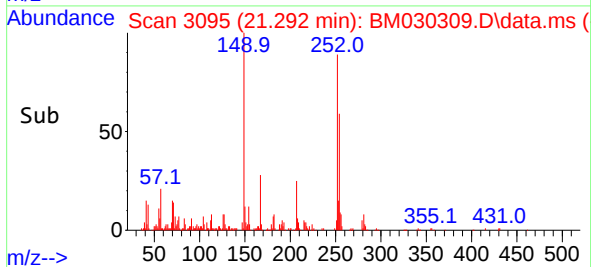
Tgt Ion:	149	Resp:	56798
Ion Ratio	Lower	Upper	
149	100		
91	73.9	57.4	86.2
206	22.3	17.3	25.9



#84
3,3'-Dichlorobenzidine
Concen: 3.787 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17



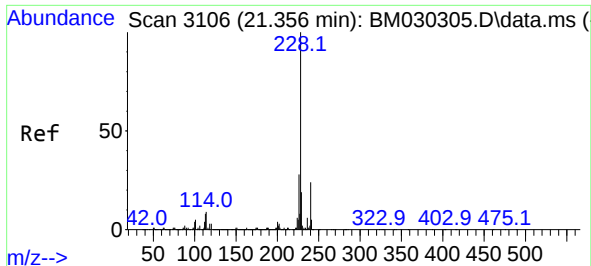
Tgt Ion:	252	Resp:	51714
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.3	76.9
126	9.4	10.0	15.0



Instrument :
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ClientSampleId :
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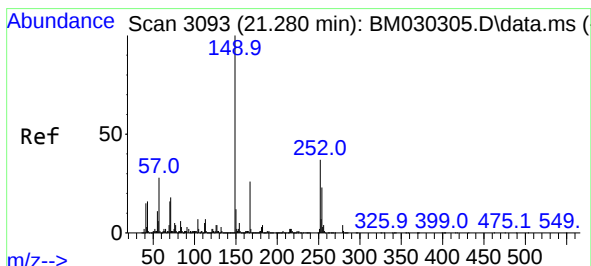
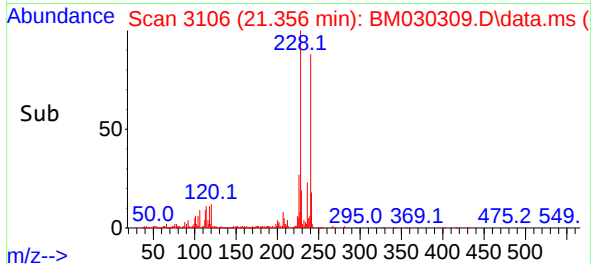
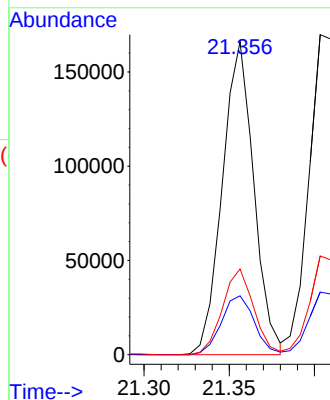
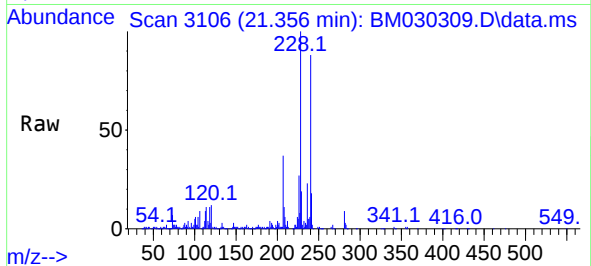
#85
Benzo(a)anthracene
Concen: 4.668 ng/ul
RT: 21.356 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	228	Resp:	212973
Ion	Ratio	Lower	Upper
228	100		
229	18.8	15.6	23.4
226	27.4	22.2	33.2

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

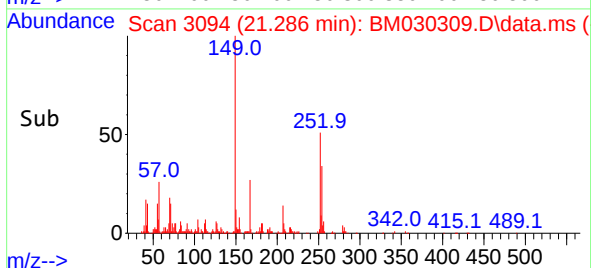
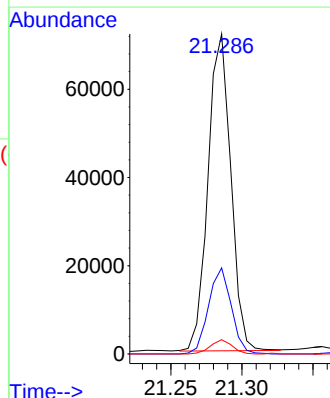
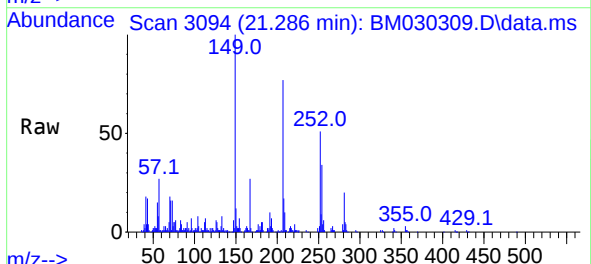
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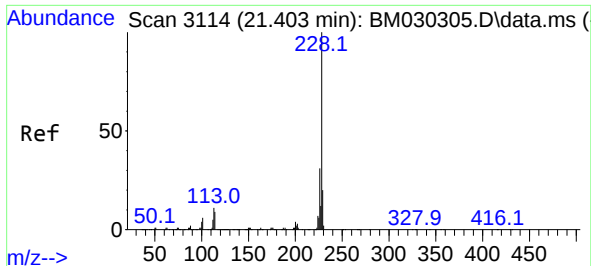
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#86
Bis(2-ethylhexyl)phthalate
Concen: 3.274 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. 0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

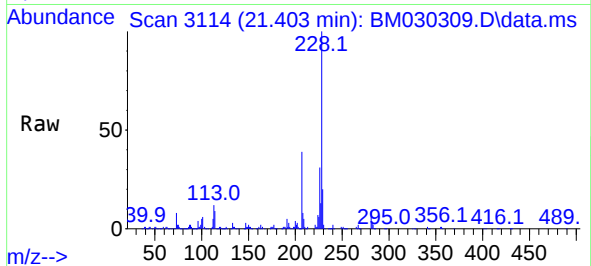
Tgt Ion:	149	Resp:	80068
Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.9	31.3
279	4.4	3.0	4.6





#87
Chrysene
Concen: 4.921 ng/ul
RT: 21.403 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

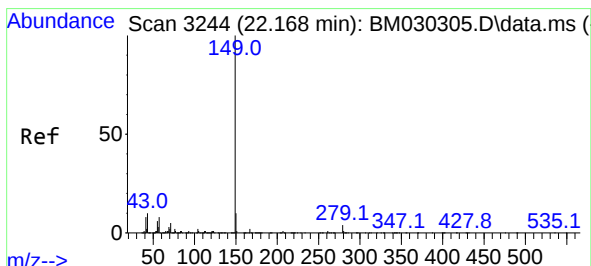
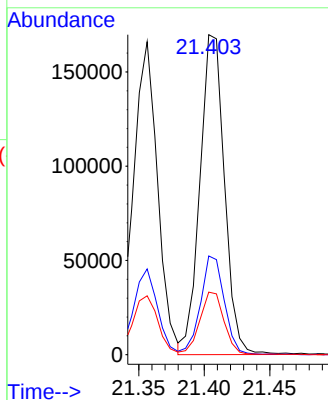
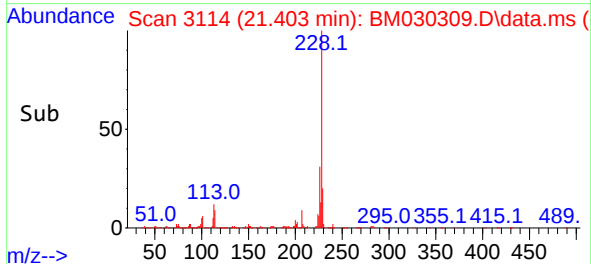
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 221390
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 19.5 15.8 23.6

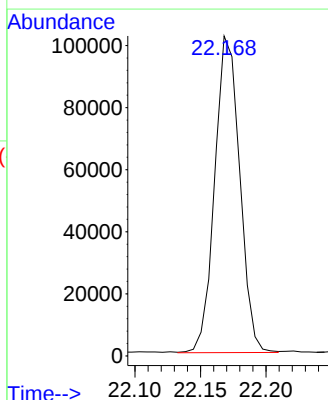
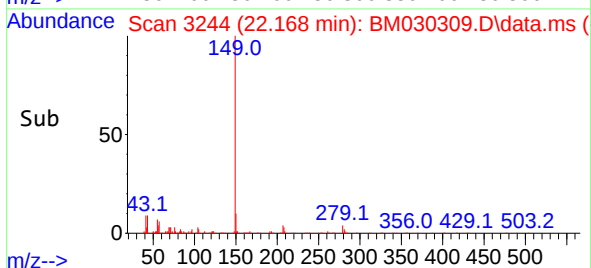
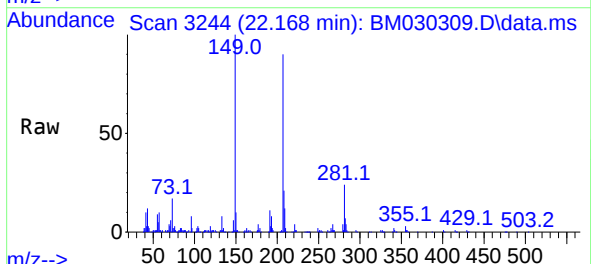
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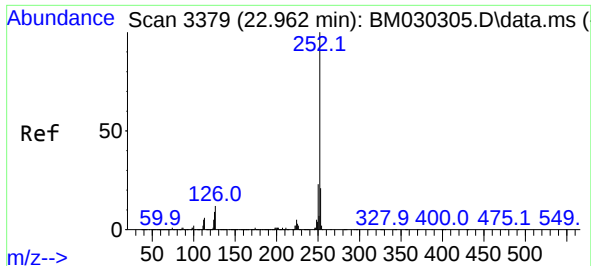
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#89
Di-n-octyl phthalate
Concen: 2.816 ng/ul
RT: 22.168 min Scan# 3244
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

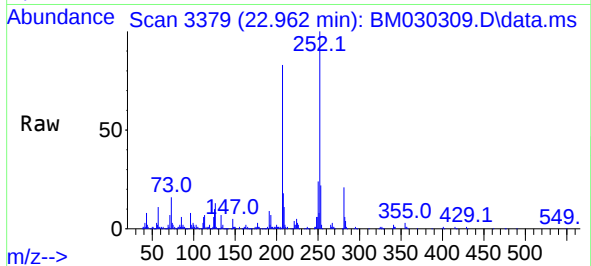
Tgt Ion:149 Resp: 135226





#90
Benzo(b)fluoranthene
Concen: 4.540 ng/ul
RT: 22.962 min Scan# 3379
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

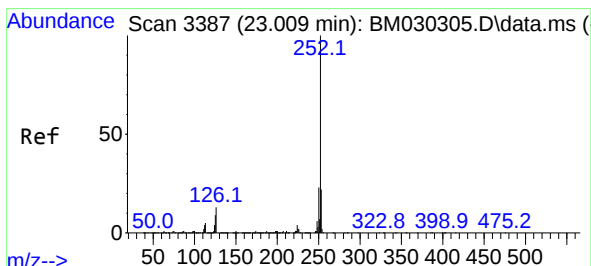
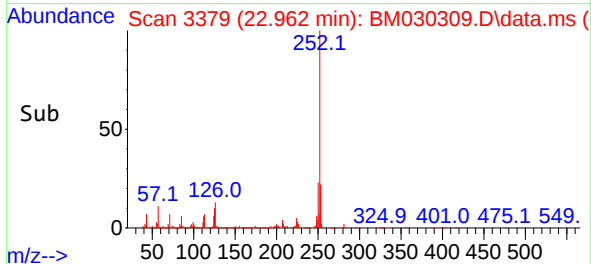
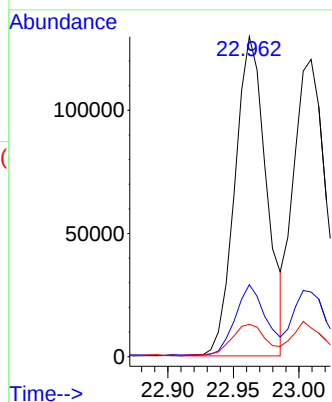
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 217559
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.1 8.6 13.0

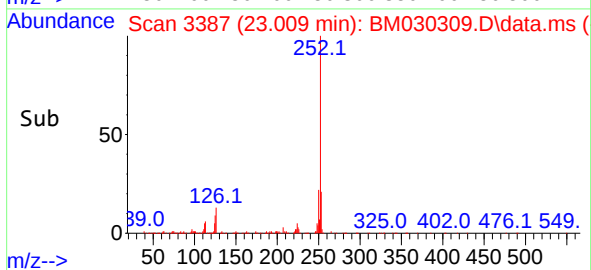
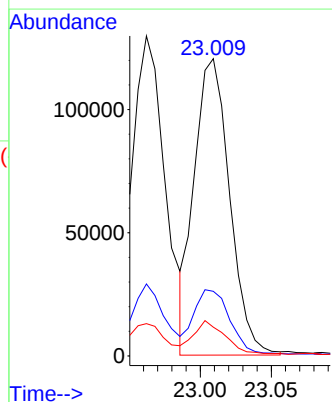
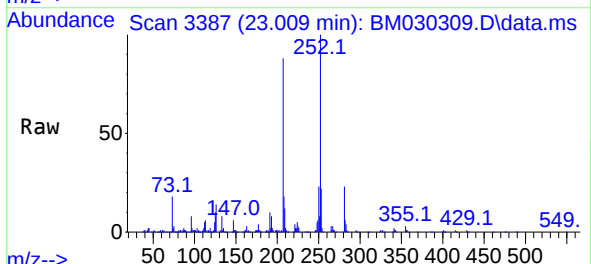
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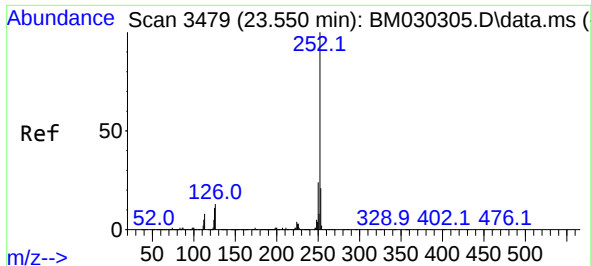
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#91
Benzo(k)fluoranthene
Concen: 4.548 ng/ul
RT: 23.009 min Scan# 3387
Delta R.T. -0.000 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:252 Resp: 208174
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.7 8.4 12.6





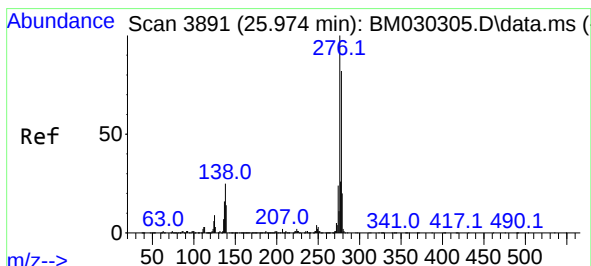
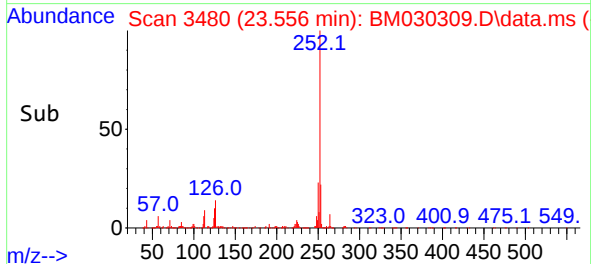
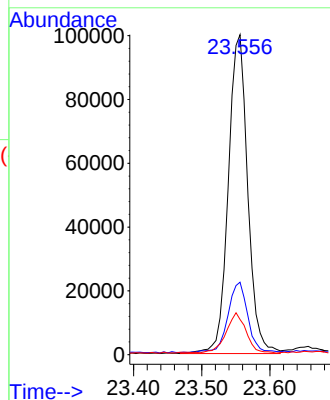
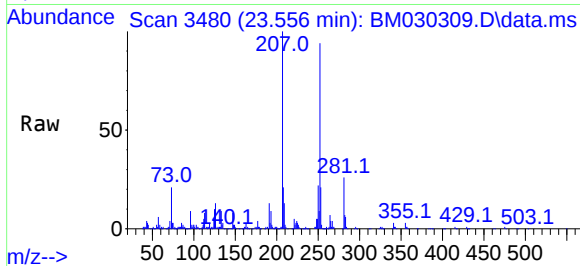
#93
Benzo(a)pyrene
Concen: 4.730 ng/ul
RT: 23.556 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:	252	Resp:	198132
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	11.0	9.5	14.3

Instrument :
BNA_M
ClientSampleId :
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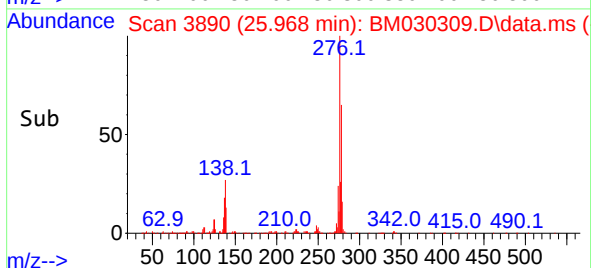
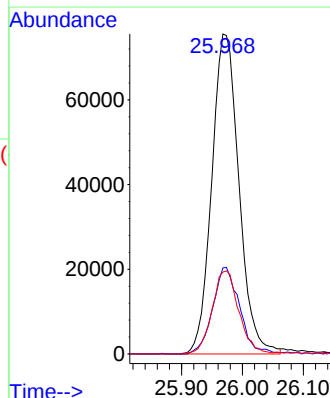
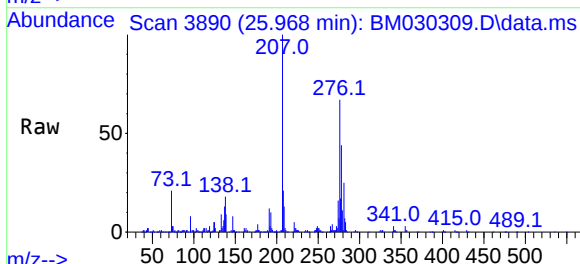
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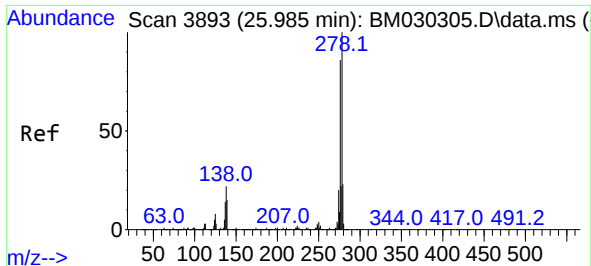
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#94
Indeno(1,2,3-cd)pyrene
Concen: 4.550 ng/ul
RT: 25.968 min Scan# 3890
Delta R.T. -0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

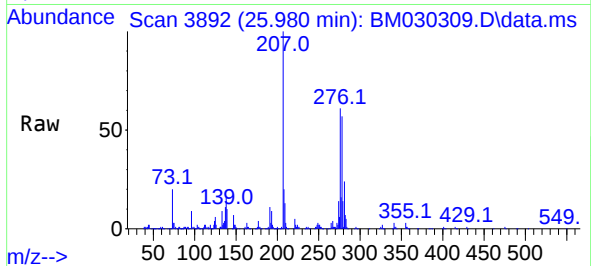
Tgt Ion:	276	Resp:	234545
Ion Ratio	Lower	Upper	
276	100		
138	26.9	21.8	32.6
277	25.6	20.3	30.5





#95
Dibenzo(a,h)anthracene
Concen: 4.553 ng/ul
RT: 25.980 min Scan# 3892
Delta R.T. -0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

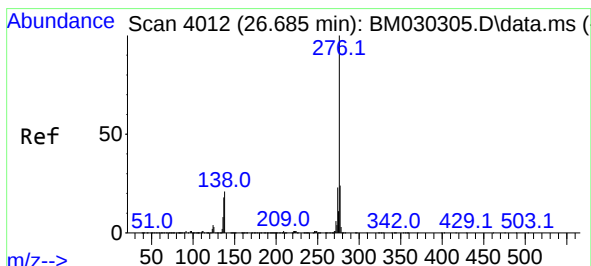
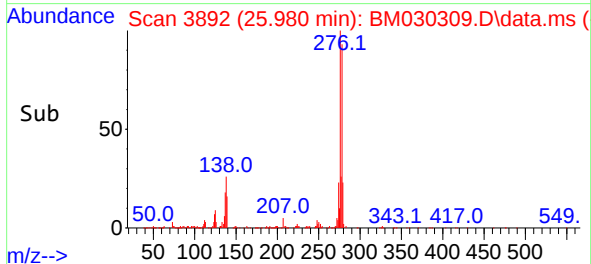
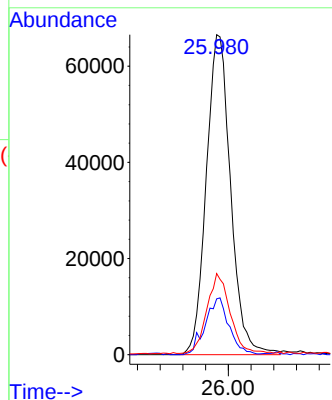
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:278 Resp: 197628
Ion Ratio Lower Upper
278 100
139 17.5 13.4 20.2
279 25.3 18.6 28.0

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#96
Benzo(g,h,i)perylene
Concen: 4.664 ng/ul
RT: 26.680 min Scan# 4011
Delta R.T. -0.006 min
Lab File: BM030309.D
Acq: 07 Jun 2021 15:17

Tgt Ion:276 Resp: 197594
Ion Ratio Lower Upper
276 100
138 21.7 18.7 28.1
277 25.3 18.6 28.0

