

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
 Data File : BM029230.D
 Acq On : 26 Mar 2021 12:39
 Operator : CG/JU
 Sample : M1458-02
 Misc : LOQ--SOIL-5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
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Quant Time: Mar 26 13:14:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:33:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	93924	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	351247	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	200977	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	415866	20.00	ng	-0.01
76) Chrysene-d12	21.286	240	462644	20.00	ng	-0.01
86) Perylene-d12	23.521	264	509706	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	451409	82.84	ng	0.00
7) Phenol-d6	6.922	99	629606	80.52	ng	0.00
23) Nitrobenzene-d5	8.904	82	458264	63.34	ng	0.00
42) 2,4,6-Tribromophenol	15.862	330	146613	78.77	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	911959	64.36	ng	0.00
79) Terphenyl-d14	19.739	244	1367706	59.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	11258	4.55	ng	97
3) Pyridine	3.716	79	26130	4.38	ng	# 83
4) n-Nitrosodimethylamine	3.634	42	12455m	4.65	ng	
6) Aniline	7.087	93	41657	4.92	ng	96
8) 2-Chlorophenol	7.322	128	27876	4.53	ng	99
9) Benzaldehyde	6.910	77	27951	5.69	ng	89
10) Phenol	6.945	94	35593	4.61	ng	93
11) bis(2-Chloroethyl)ether	7.187	93	26517	4.80	ng	97
12) 1,3-Dichlorobenzene	7.645	146	32541	4.73	ng	96
13) 1,4-Dichlorobenzene	7.792	146	32282	4.63	ng	97
14) 1,2-Dichlorobenzene	8.104	146	31295	4.67	ng	96
15) Benzyl Alcohol	7.992	79	23548	4.16	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.287	45	41473	4.89	ng	97
17) 2-Methylphenol	8.192	107	21069	4.24	ng	97
18) Hexachloroethane	8.834	117	11178	4.41	ng	97
19) n-Nitroso-di-n-propyla...	8.557	70	20049	3.97	ng	96
20) 3+4-Methylphenols	8.516	107	26584	4.00	ng	94
22) Acetophenone	8.575	105	38984	4.43	ng	93
24) Nitrobenzene	8.945	77	37274	4.94	ng	97
25) Isophorone	9.475	82	48267	3.88	ng	97
26) 2-Nitrophenol	9.657	139	9074	3.60	ng	97
27) 2,4-Dimethylphenol	9.716	122	21649	4.49	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	31517	4.80	ng	# 93
29) 2,4-Dichlorophenol	10.181	162	19584	3.73	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	26046	4.37	ng	98
31) Naphthalene	10.586	128	83484	4.51	ng	98
32) Benzoic acid	9.763	122	5699	2.03	ng	94
33) 4-Chloroaniline	10.692	127	31493	4.30	ng	99
34) Hexachlorobutadiene	10.880	225	14681	4.24	ng	99
35) Caprolactam	11.457	113	4163	2.61	ng	# 85
36) 4-Chloro-3-methylphenol	11.816	107	21164	3.78	ng	92
37) 2-Methylnaphthalene	12.198	142	54840	4.24	ng	96
38) 1-Methylnaphthalene	12.422	142	53145	4.32	ng	95
40) 1,2,4,5-Tetrachloroben...	12.569	216	26550	4.71	ng	98
41) Hexachlorocyclopentadiene	12.551	237	14543	4.71	ng	93
43) 2,4,6-Trichlorophenol	12.810	196	12693	3.46	ng	99

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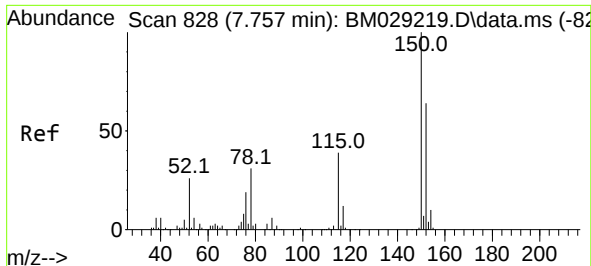
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	15643	3.84	ng	92
46) 1,1'-Biphenyl	13.216	154	72798	4.76	ng	96
47) 2-Chloronaphthalene	13.251	162	55835	4.64	ng	99
48) 2-Nitroaniline	13.457	65	12651	3.59	ng	92
49) Acenaphthylene	14.098	152	76056	4.16	ng	97
50) Dimethylphthalate	13.839	163	62782	4.47	ng	99
51) 2,6-Dinitrotoluene	13.957	165	10985	3.62	ng	99
52) Acenaphthene	14.445	154	54435	4.68	ng	97
53) 3-Nitroaniline	14.280	138	10608	3.45	ng	99
54) 2,4-Dinitrophenol	14.486	184	3819	2.52	ng	97
55) Dibenzofuran	14.780	168	82166	4.49	ng	97
56) 4-Nitrophenol	14.580	139	7764	2.76	ng	96
57) 2,4-Dinitrotoluene	14.739	165	13224	3.31	ng	94
58) Fluorene	15.427	166	64255	4.33	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.004	232	11986	3.59	ng	# 97
60) Diethylphthalate	15.204	149	58640	4.24	ng	100
61) 4-Chlorophenyl-phenyle...	15.427	204	30644	4.48	ng	98
62) 4-Nitroaniline	15.439	138	10774	3.33	ng	96
63) Azobenzene	15.715	77	63237	4.00	ng	99
65) 4,6-Dinitro-2-methylph...	15.498	198	6115	2.64	ng	95
66) n-Nitrosodiphenylamine	15.639	169	53057	3.99	ng	98
67) 4-Bromophenyl-phenylether	16.315	248	13758	3.61	ng	84
68) Hexachlorobenzene	16.427	284	19389	4.32	ng	97
69) Atrazine	16.586	200	13996	3.33	ng	98
70) Pentachlorophenol	16.768	266	7951	2.88	ng	89
71) Phenanthrene	17.157	178	107839	4.47	ng	98
72) Anthracene	17.251	178	97564	4.16	ng	99
73) Carbazole	17.515	167	88706	3.85	ng	99
74) Di-n-butylphthalate	18.092	149	77126	3.47	ng	99
75) Fluoranthene	19.168	202	111015	4.17	ng	99
77) Benzidine	19.356	184	38173	2.86	ng	97
78) Pyrene	19.533	202	119985	3.83	ng	99
80) Butylbenzylphthalate	20.439	149	31020	2.93	ng	95
81) Benzo(a)anthracene	21.268	228	122859	4.07	ng	96
82) 3,3'-Dichlorobenzidine	21.209	252	35757	3.96	ng	93
83) Chrysene	21.321	228	125654	4.16	ng	98
84) Bis(2-ethylhexyl)phtha...	21.215	149	46641	3.07	ng	99
85) Di-n-octyl phthalate	22.091	149	77825	3.16	ng	96
87) Indeno(1,2,3-cd)pyrene	25.779	276	163889	4.40	ng	99
88) Benzo(b)fluoranthene	22.850	252	133491	4.03	ng	99
89) Benzo(k)fluoranthene	22.891	252	137769	4.28	ng	98
90) Benzo(a)pyrene	23.427	252	118931	3.96	ng	96
91) Dibenzo(a,h)anthracene	25.797	278	136336	4.27	ng	97
92) Benzo(g,h,i)perylene	26.468	276	135682	4.34	ng	98

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



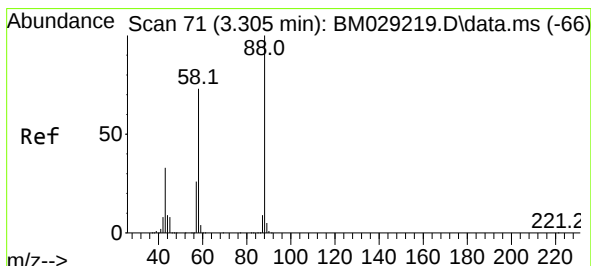
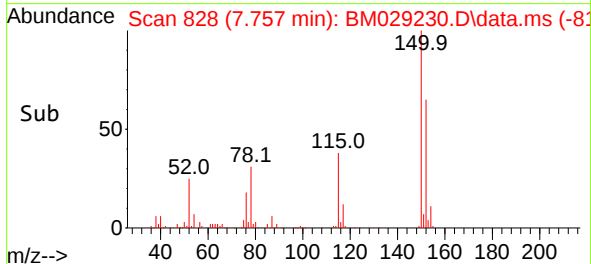
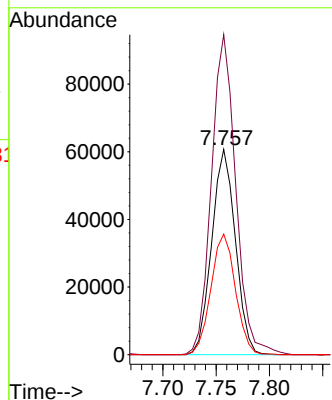
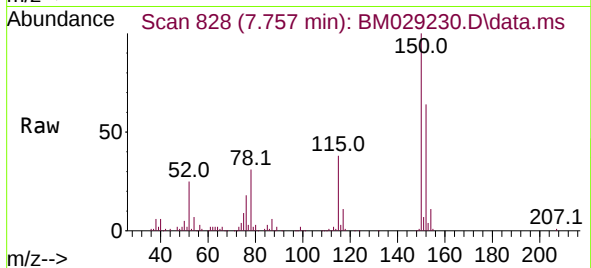
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:152 Resp: 93924
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 58.8 46.4 69.6

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

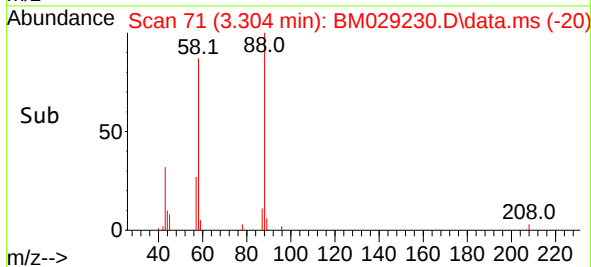
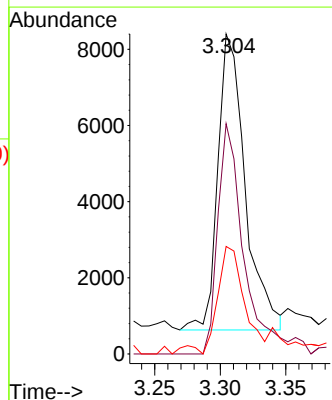
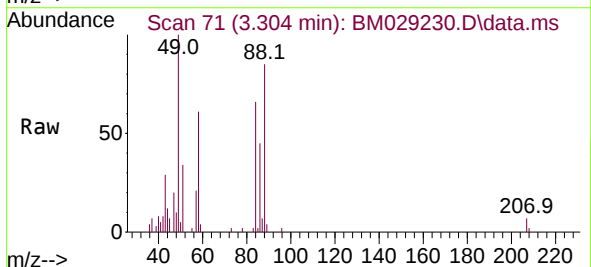
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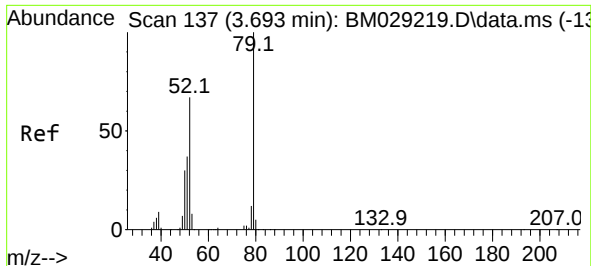
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#2
1,4-Dioxane
Concen: 4.55 ng
RT: 3.304 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

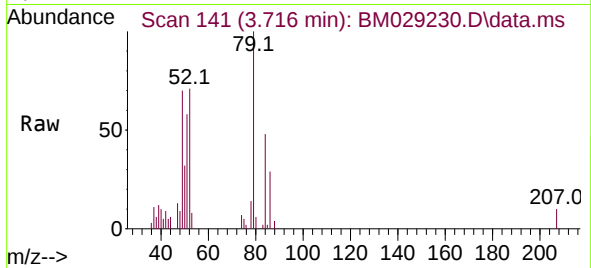
Tgt Ion: 88 Resp: 11258
Ion Ratio Lower Upper
88 100
58 76.3 59.9 89.9
43 36.5 26.2 39.4





#3
Pyridine
Concen: 4.38 ng
RT: 3.716 min Scan# 141
Delta R.T. 0.023 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

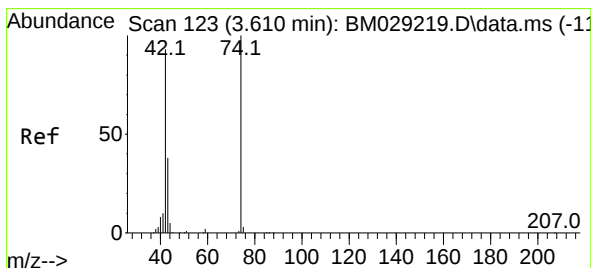
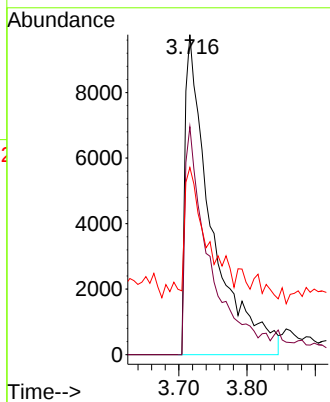
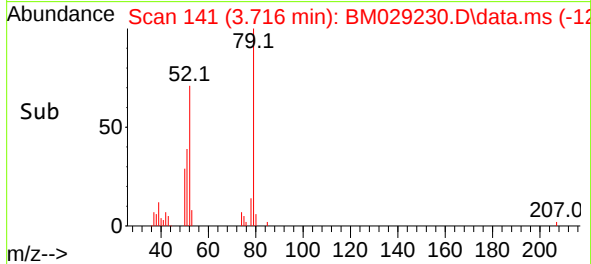
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



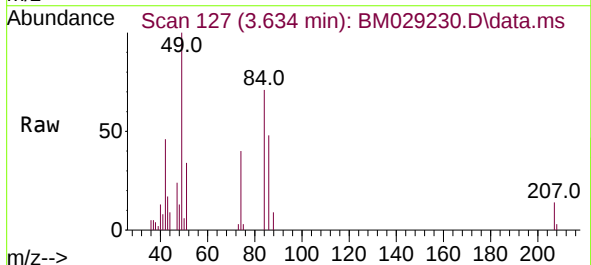
Tgt Ion: 79 Resp: 26130
Ion Ratio Lower Upper
79 100
52 71.3 53.2 79.8
51 58.5 29.8 44.8#

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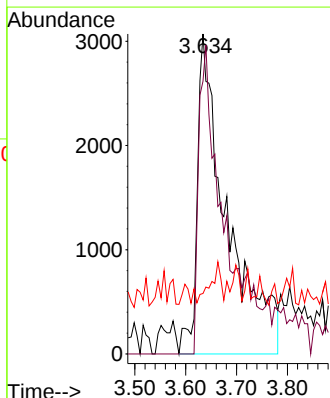
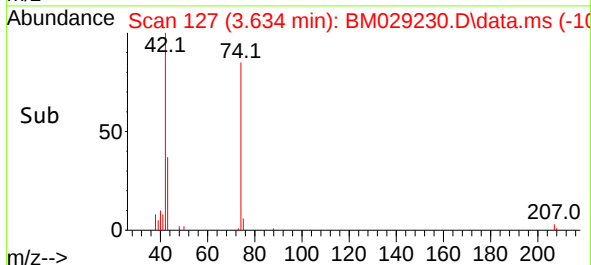
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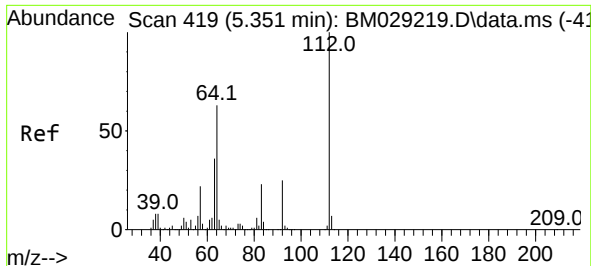


#4
n-Nitrosodimethylamine
Concen: 4.65 ng m
RT: 3.634 min Scan# 127
Delta R.T. 0.023 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



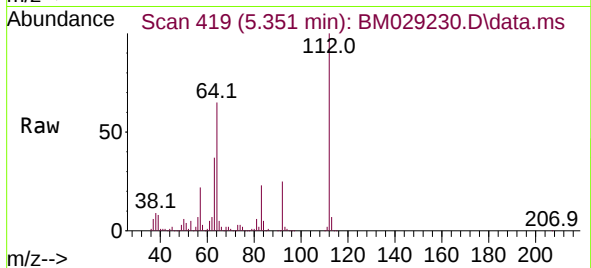
Tgt Ion: 42 Resp: 12455
Ion Ratio Lower Upper
42 100
74 85.3 80.6 121.0
44 18.9 5.4 8.0#





#5
2-Fluorophenol
Concen: 82.84 ng
RT: 5.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

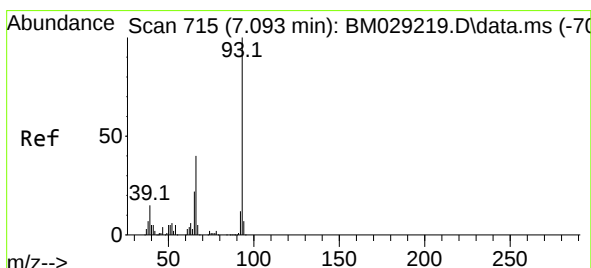
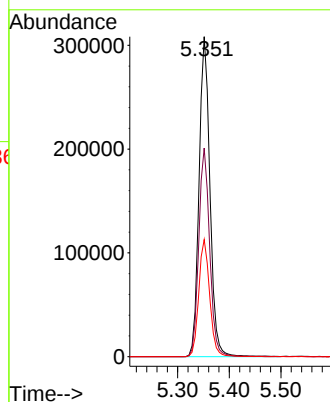
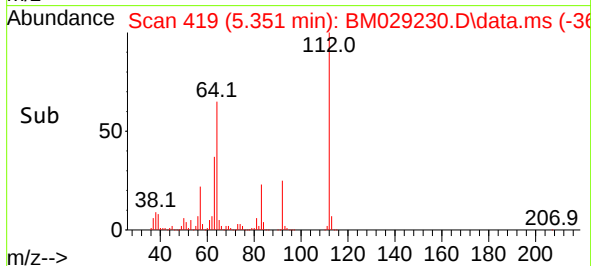
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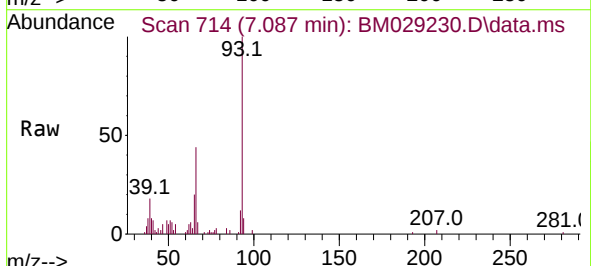
Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	51.6	77.4
63	36.6	29.0	43.4

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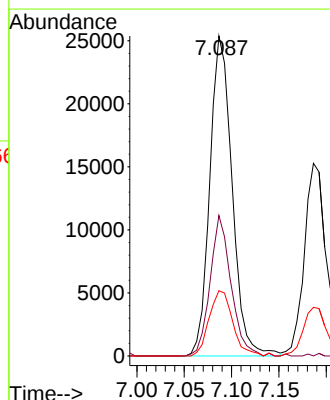
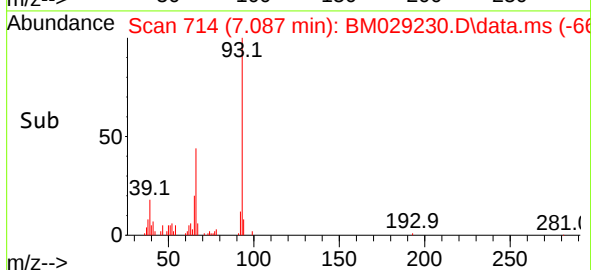
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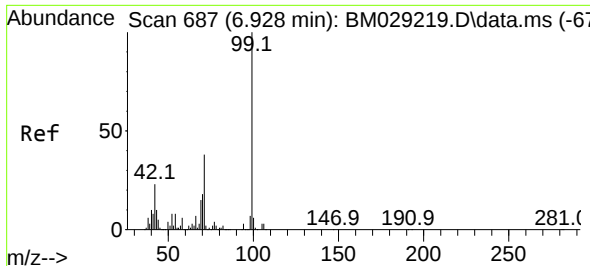


#6
Aniline
Concen: 4.92 ng
RT: 7.087 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

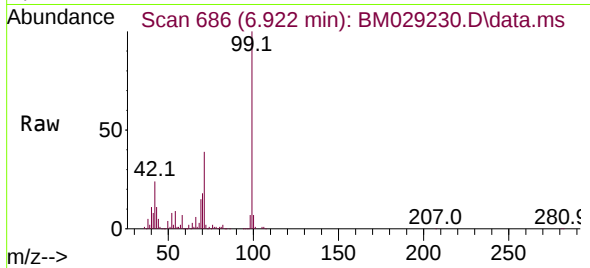


Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.9	33.2	49.8
65	20.4	17.8	26.6

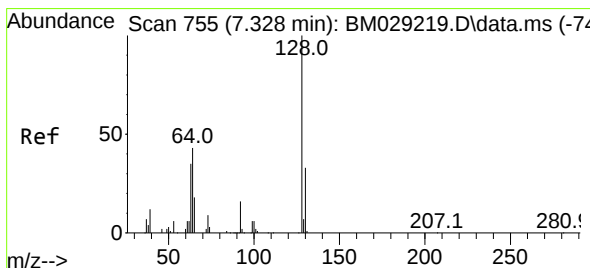
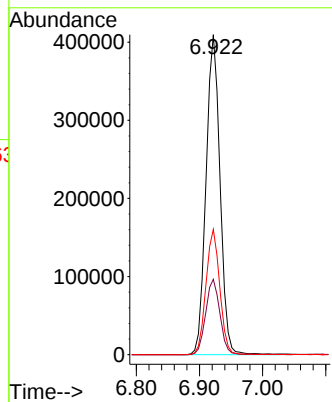
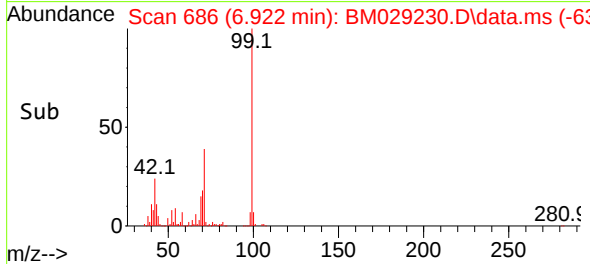




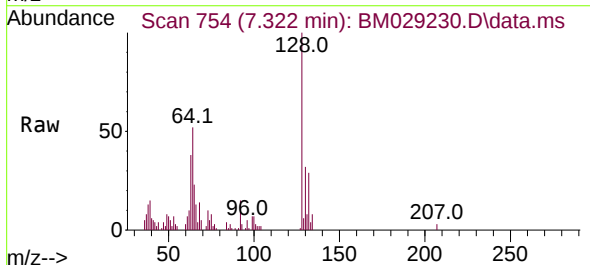
#7
Phenol-d6
Concen: 80.52 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



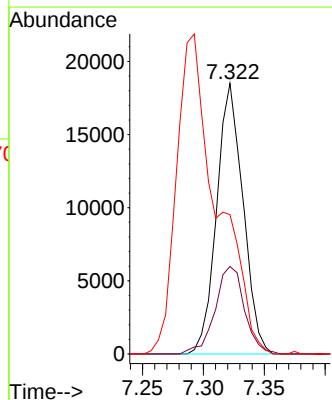
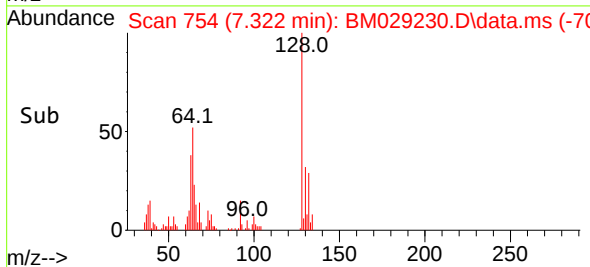
Tgt Ion:	99	Resp:	629606
Ion Ratio	100	Lower	Upper
99	100		
42	23.6	18.5	27.7
71	39.1	31.8	47.6



#8
2-Chlorophenol
Concen: 4.53 ng
RT: 7.322 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



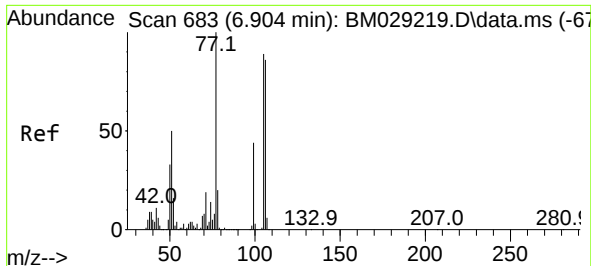
Tgt Ion:	128	Resp:	27876
Ion Ratio	100	Lower	Upper
128	100		
130	32.4	13.1	53.1
64	51.5	30.9	70.9



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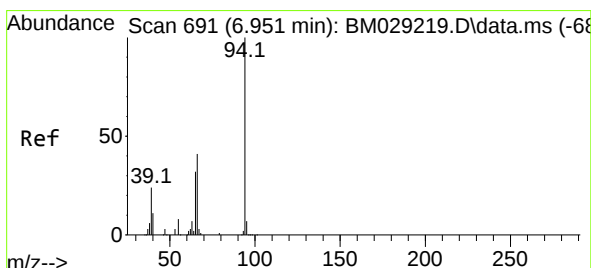
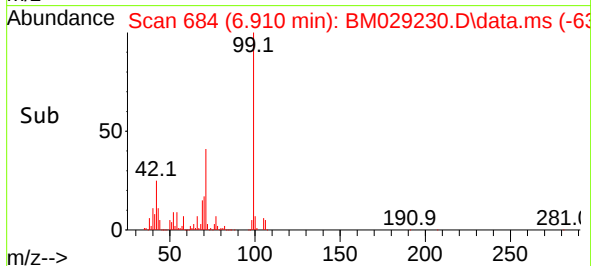
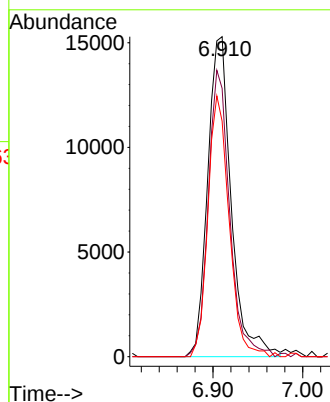
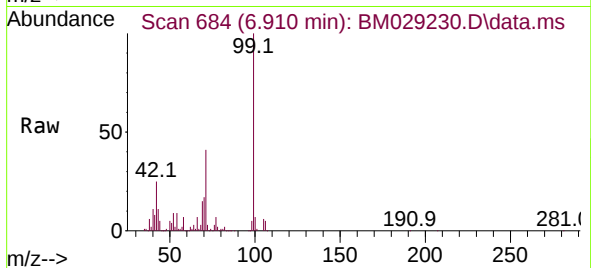
#9
Benzaldehyde
Concen: 5.69 ng
RT: 6.910 min Scan# 684
Delta R.T. 0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 77 Resp: 27951
Ion Ratio Lower Upper
77 100
105 83.9 71.4 111.4
106 73.6 66.5 106.5

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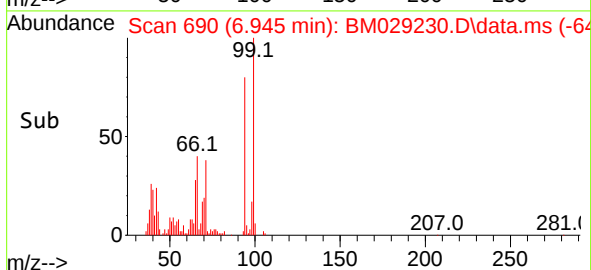
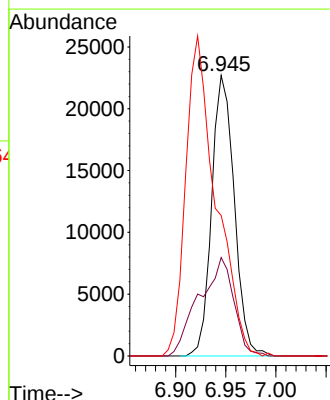
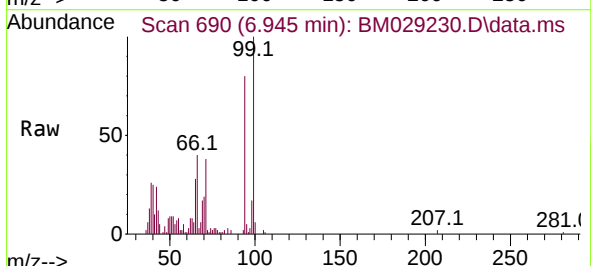
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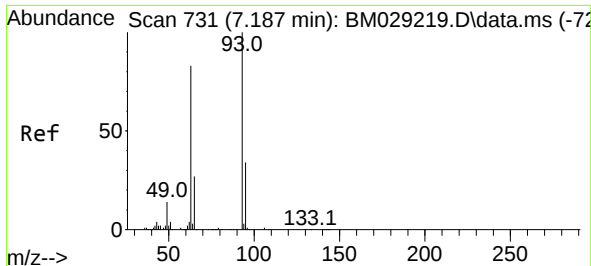
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#10
Phenol
Concen: 4.61 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 94 Resp: 35593
Ion Ratio Lower Upper
94 100
65 35.1 13.0 53.0
66 50.1 24.1 64.1





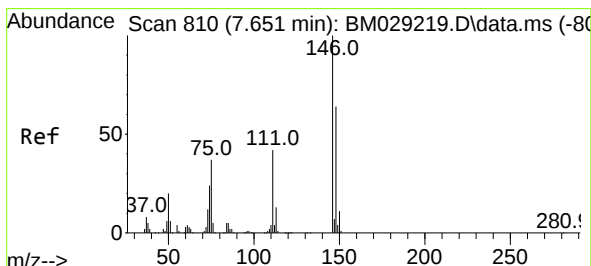
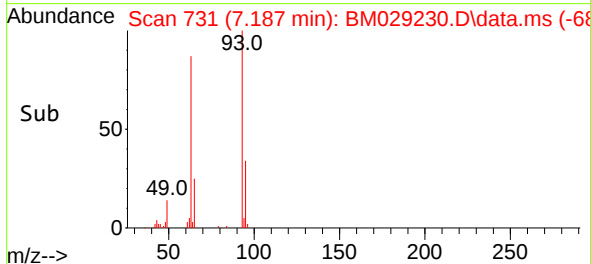
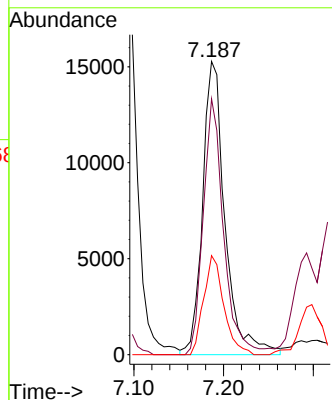
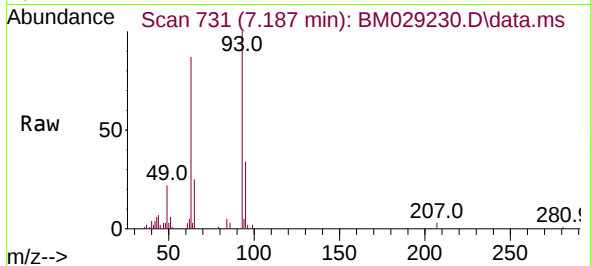
#11
bis(2-Chloroethyl)ether
Concen: 4.80 ng
RT: 7.187 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 93 Resp: 26517
Ion Ratio Lower Upper
93 100
63 87.3 63.9 103.9
95 33.8 12.8 52.8

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

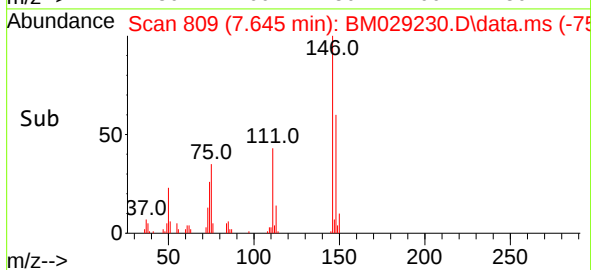
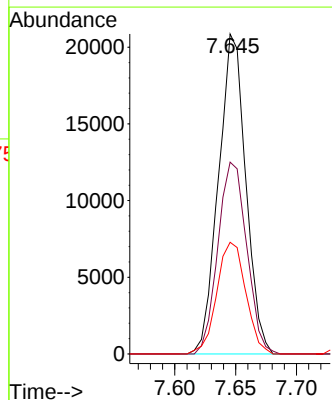
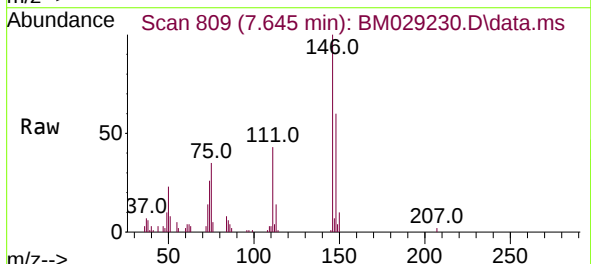
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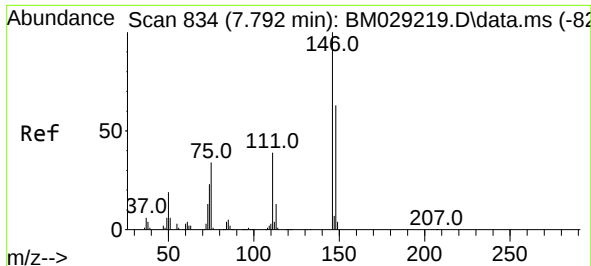
mohammad
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#12
1,3-Dichlorobenzene
Concen: 4.73 ng
RT: 7.645 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 146 Resp: 32541
Ion Ratio Lower Upper
146 100
148 60.0 50.5 75.7
75 34.9 29.7 44.5





#13

1,4-Dichlorobenzene

Concen: 4.63 ng

RT: 7.792 min Scan# 834

Delta R.T. -0.000 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

Tgt Ion:	146	Resp:	32282
Ion Ratio	Lower	Upper	
146	100		
148	61.6	51.8	77.6
111	39.9	32.8	49.2

Instrument :

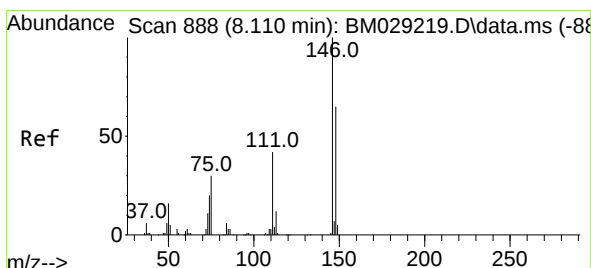
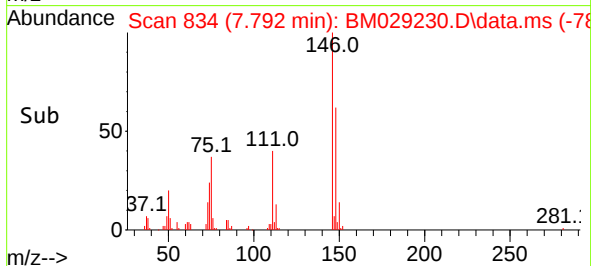
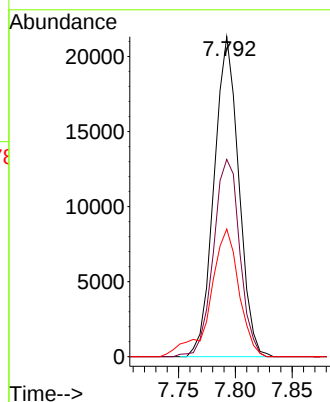
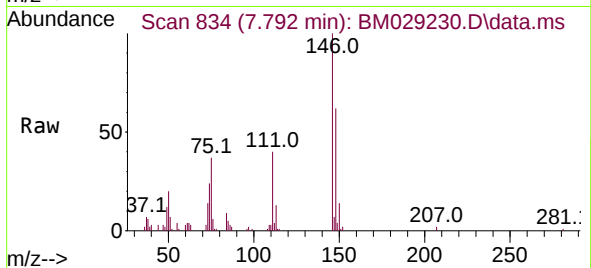
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ClientSampleId :

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#14

1,2-Dichlorobenzene

Concen: 4.67 ng

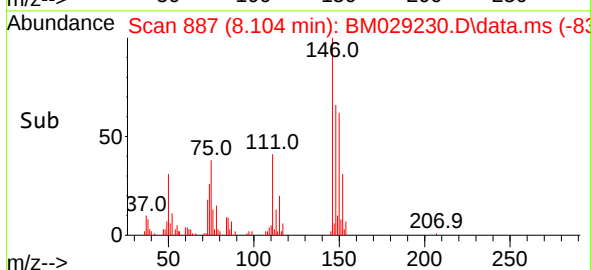
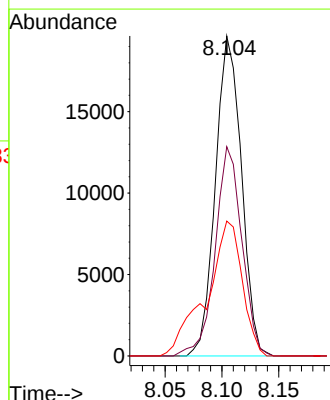
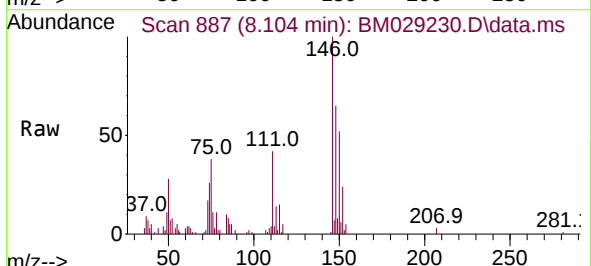
RT: 8.104 min Scan# 887

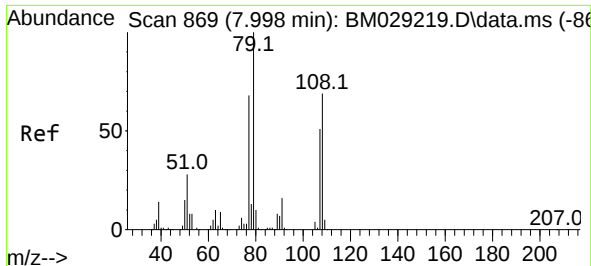
Delta R.T. -0.006 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

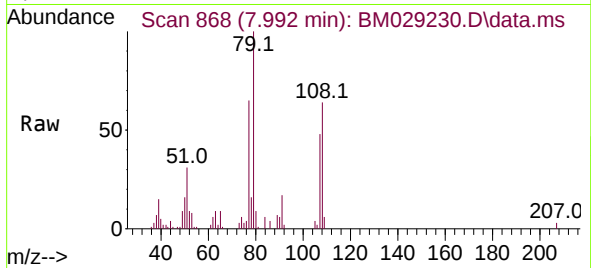
Tgt Ion:	146	Resp:	31295
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.2	75.4
111	42.2	35.8	53.8





#15
Benzyl Alcohol
Concen: 4.16 ng
RT: 7.992 min Scan# 868
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

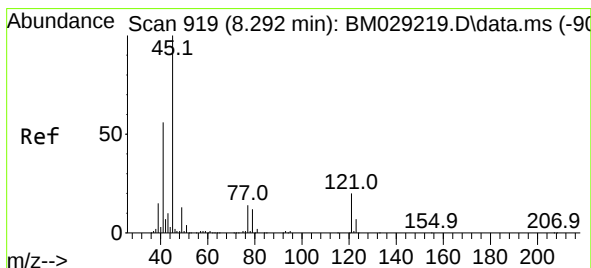
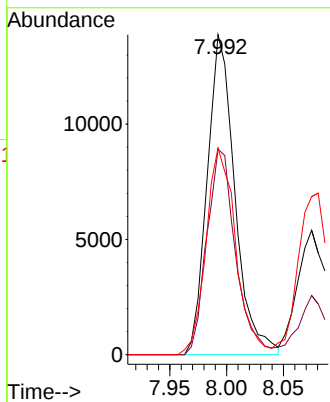
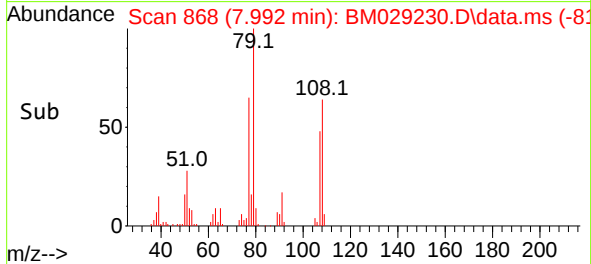
Instrument :
BNA_M
ClientSampleId :
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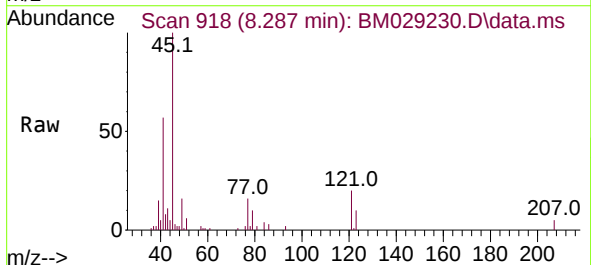
Tgt Ion: 79	Resp: 23548
Ion Ratio	Lower Upper
79	100
108	64.2 56.6 84.8
77	64.6 54.9 82.3

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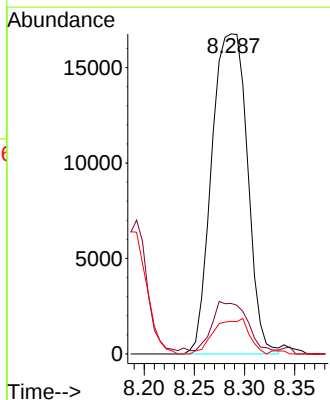
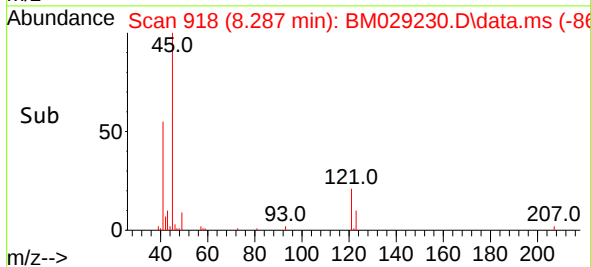
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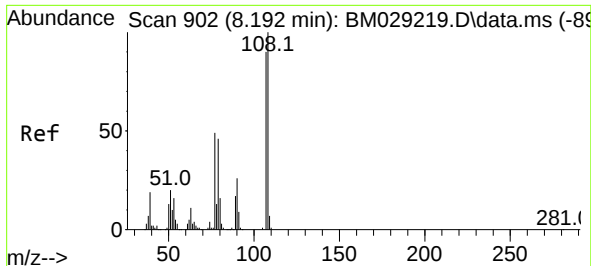


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.89 ng
RT: 8.287 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



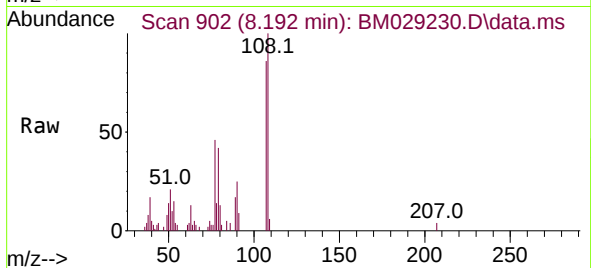
Tgt Ion: 45	Resp: 41473
Ion Ratio	Lower Upper
45	100
77	15.8 0.0 34.5
79	10.2 0.0 30.9





#17
2-Methylphenol
Concen: 4.24 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

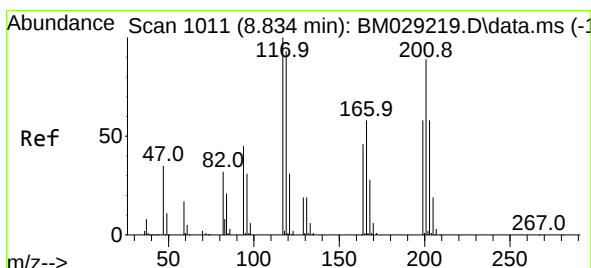
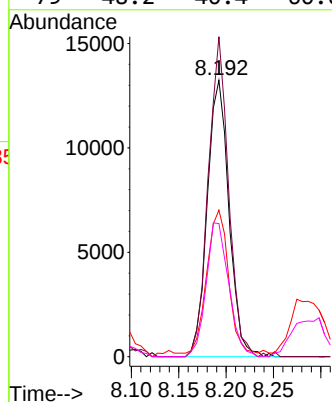
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



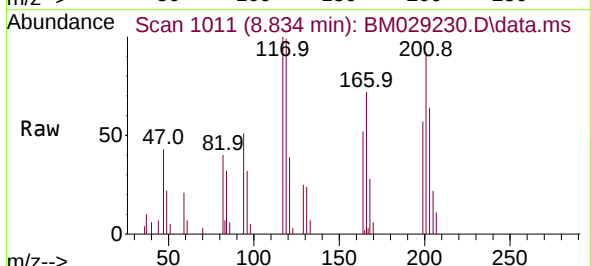
Tgt Ion:	107	Resp:	21069
Ion	Ratio	Lower	Upper
107	100		
108	115.8	89.8	134.6
77	53.0	42.8	64.2
79	48.2	40.4	60.6

Manual Integrations
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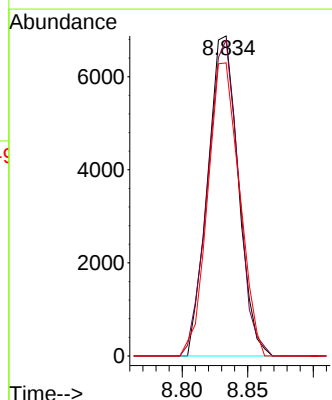
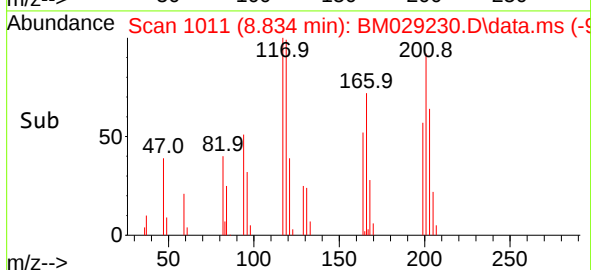
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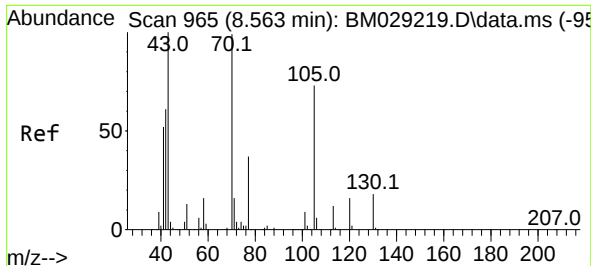


#18
Hexachloroethane
Concen: 4.41 ng
RT: 8.834 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

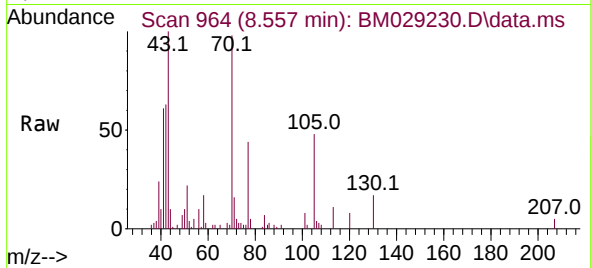


Tgt Ion:	117	Resp:	11178
Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.0	112.6
201	91.6	74.6	111.8

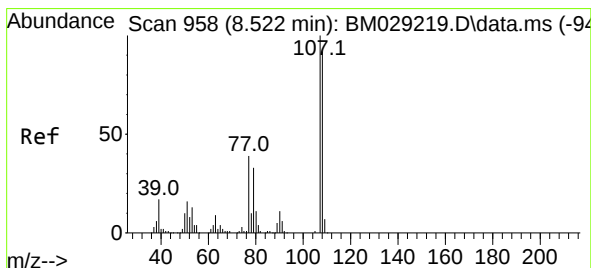
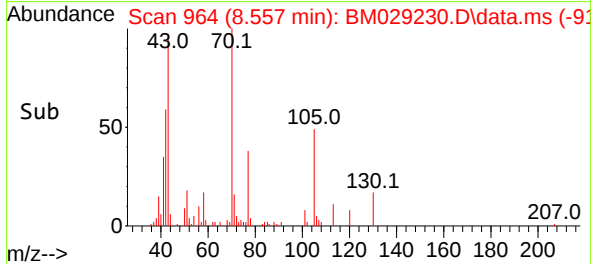
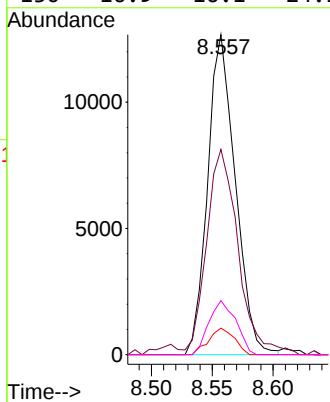




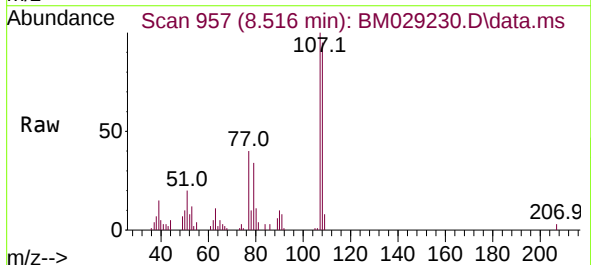
#19
n-Nitroso-di-n-propylamine
Concen: 3.97 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



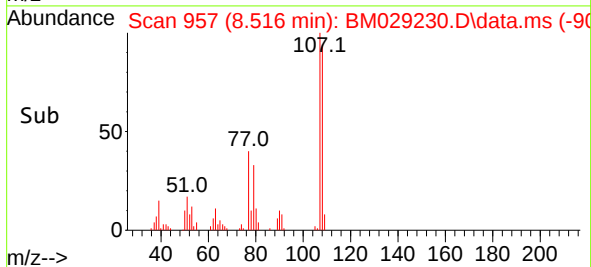
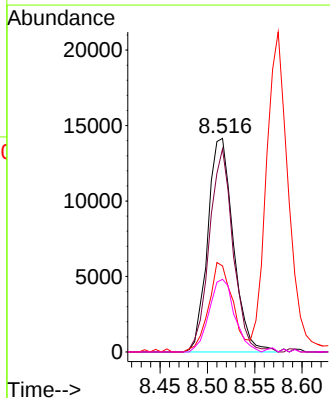
Tgt Ion:	70	Resp:	20049
Ion Ratio	Lower	Upper	
70	100		
42	64.1	53.3	79.9
101	8.3	6.7	10.1
130	16.9	16.1	24.1



#20
3+4-Methylphenols
Concen: 4.00 ng
RT: 8.516 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



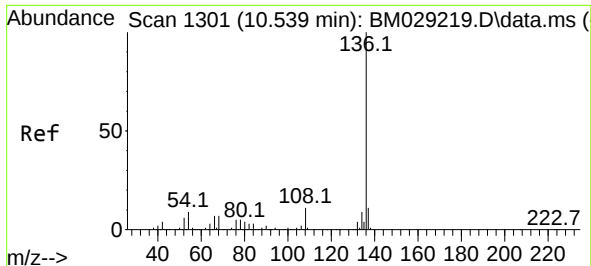
Tgt Ion:	107	Resp:	26584
Ion Ratio	Lower	Upper	
107	100		
108	95.1	68.5	108.5
77	40.3	17.0	57.0
79	34.0	12.0	52.0



Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

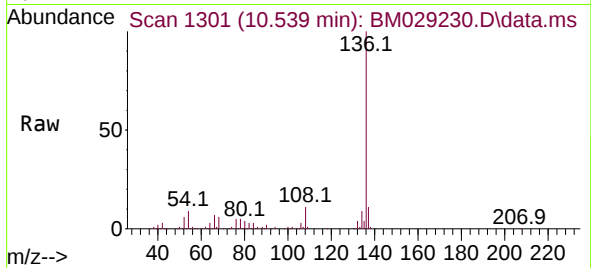
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.539 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

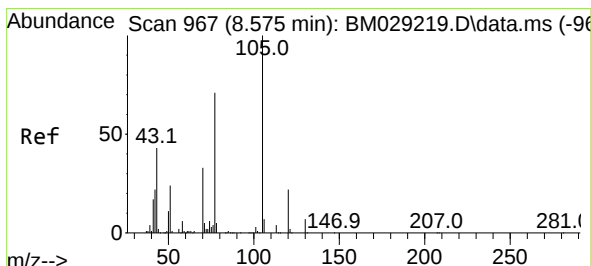
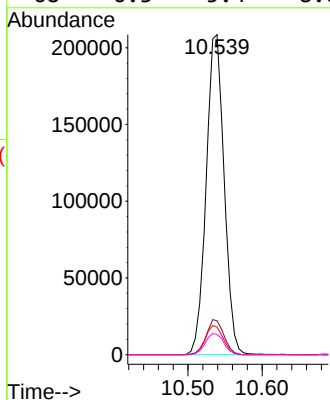
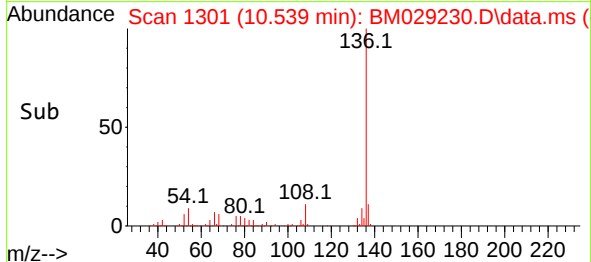
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



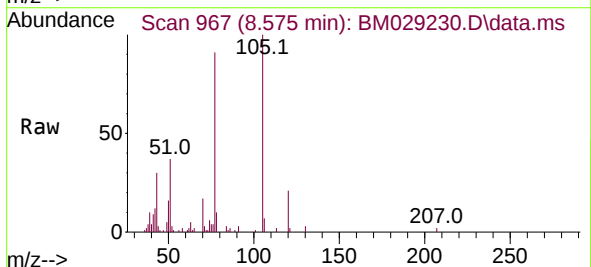
Tgt Ion:	136	Resp:	351247
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.3	13.9
54	8.7	6.9	10.3
68	6.3	5.4	8.0

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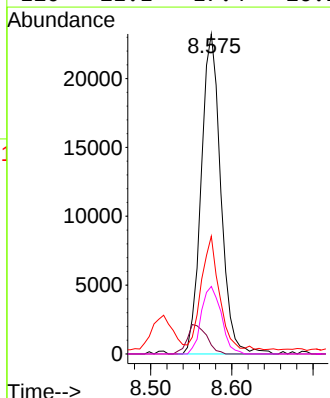
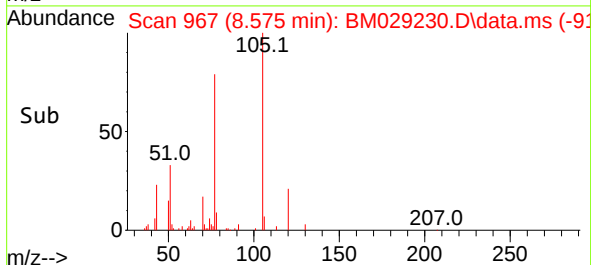
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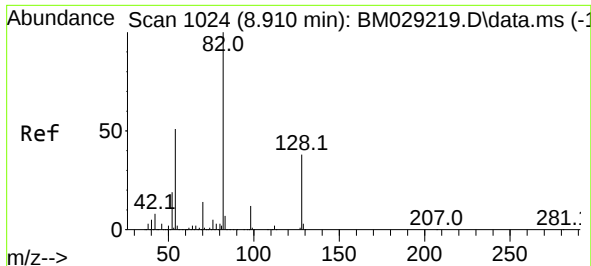


#22
Acetophenone
Concen: 4.43 ng
RT: 8.575 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



Tgt Ion:	105	Resp:	38984
Ion Ratio	Lower	Upper	
105	100		
71	2.8	2.8	4.2
51	36.8	24.7	37.1
120	21.1	17.4	26.2





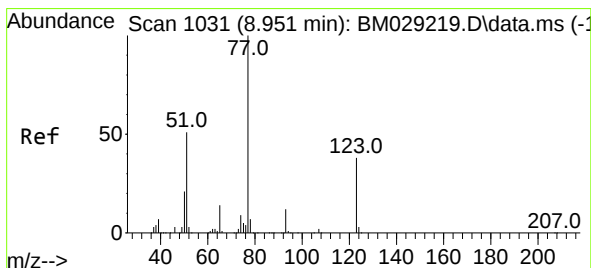
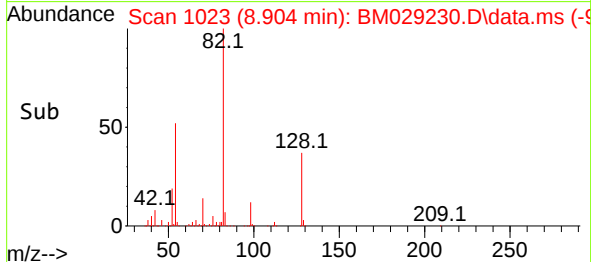
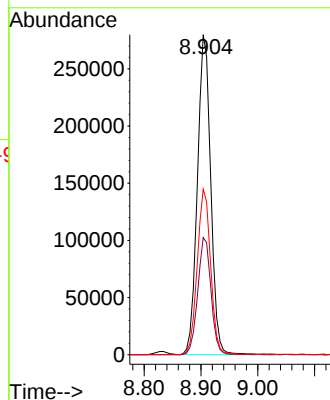
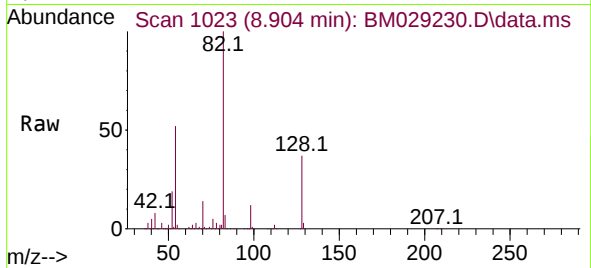
#23
Nitrobenzene-d5
Concen: 63.34 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 82 Resp: 458264
Ion Ratio Lower Upper
82 100
128 36.6 28.6 42.8
54 51.7 40.7 61.1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

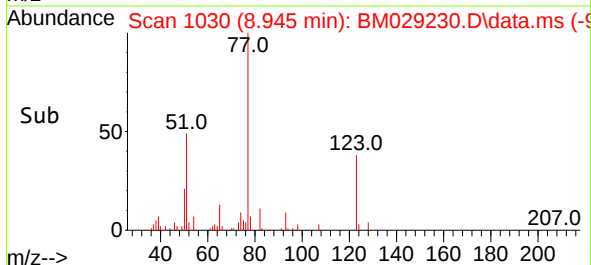
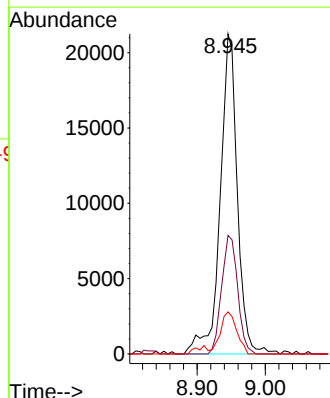
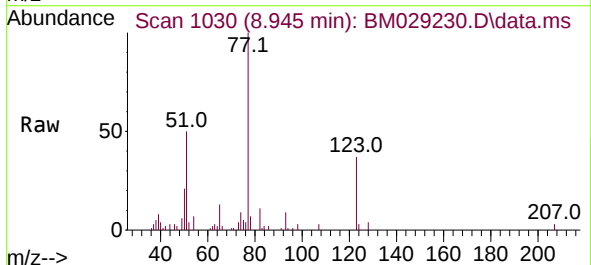
Manual Integrations
APPROVED

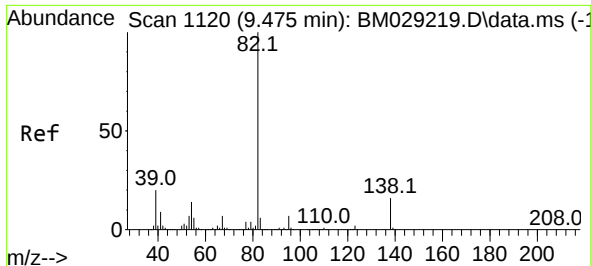
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#24
Nitrobenzene
Concen: 4.94 ng
RT: 8.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

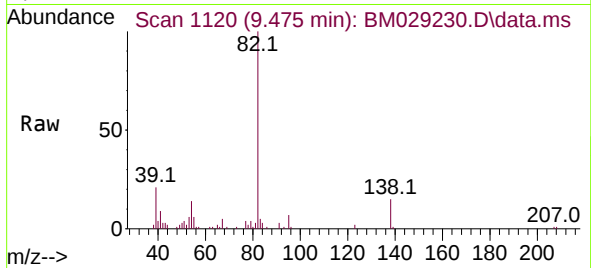
Tgt Ion: 77 Resp: 37274
Ion Ratio Lower Upper
77 100
123 37.1 31.3 46.9
65 13.2 10.8 16.2





#25
Isophorone
Concen: 3.88 ng
RT: 9.475 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

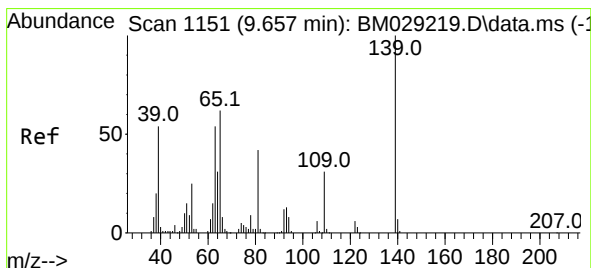
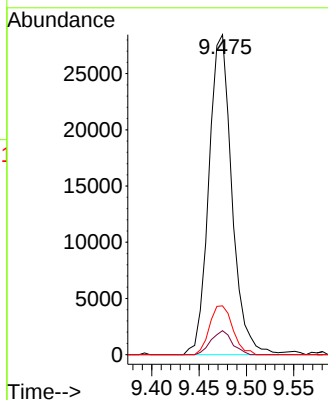
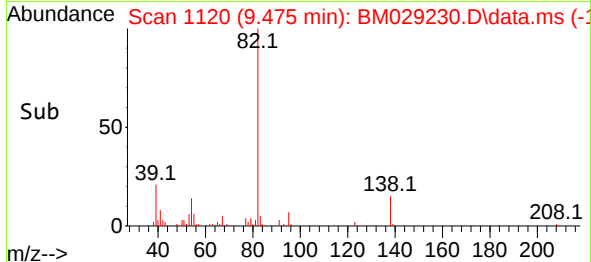
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



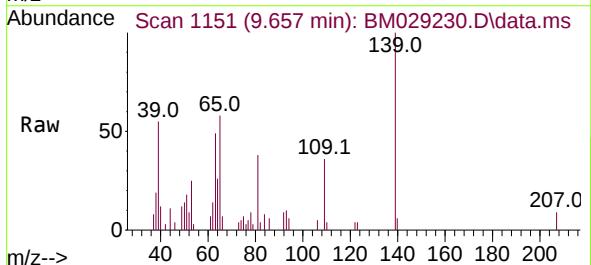
Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.6	8.4
138	15.3	13.3	19.9

Manual Integrations
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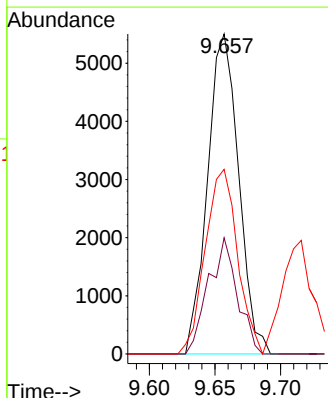
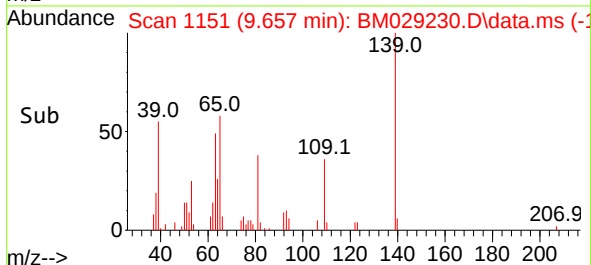
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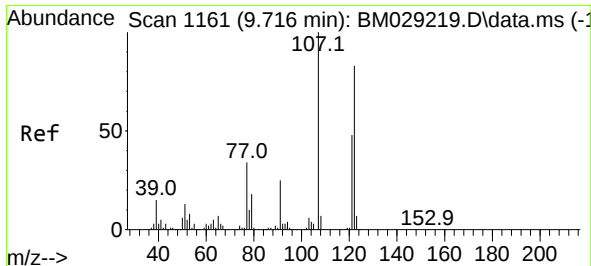


#26
2-Nitrophenol
Concen: 3.60 ng
RT: 9.657 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

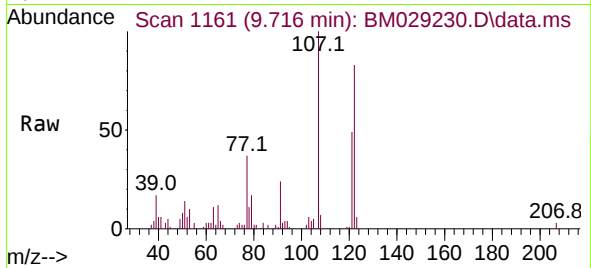


Tgt Ion	Ratio	Lower	Upper
139	100		
109	36.3	26.6	39.8
65	57.7	45.6	68.4

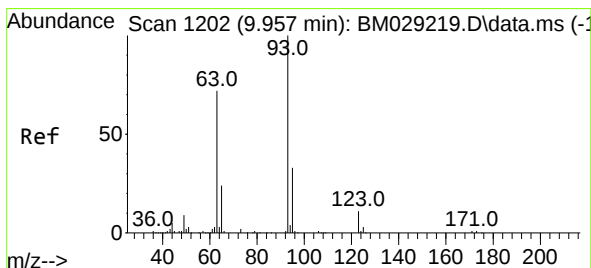
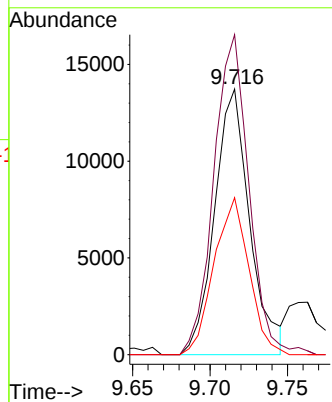
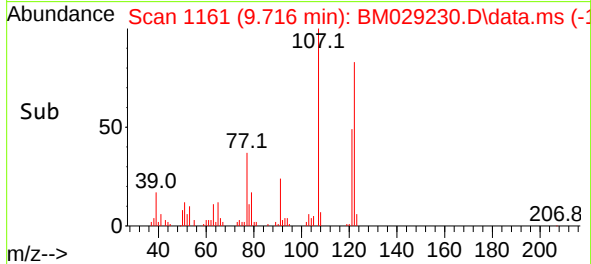




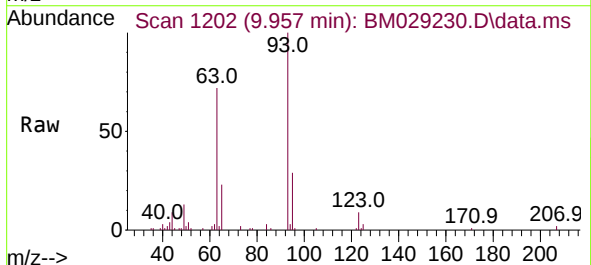
#27
2,4-Dimethylphenol
Concen: 4.49 ng
RT: 9.716 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM029230.D
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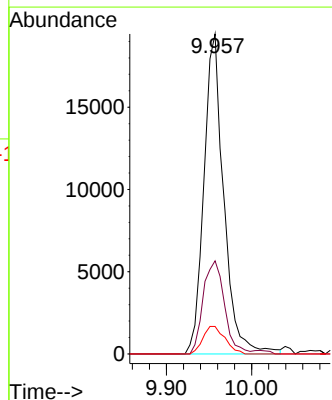
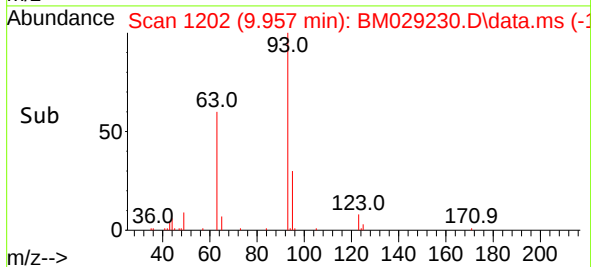
Tgt Ion:122 Resp: 21649
Ion Ratio Lower Upper
122 100
107 120.5 95.0 142.6
121 59.1 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 4.80 ng
RT: 9.957 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



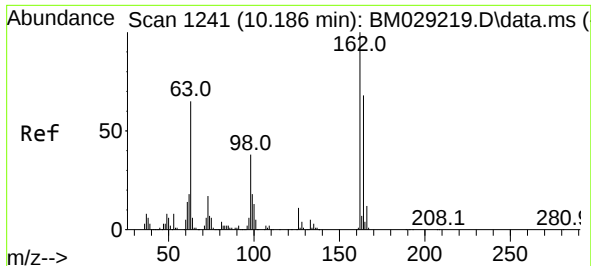
Tgt Ion: 93 Resp: 31517
Ion Ratio Lower Upper
93 100
95 29.1 26.6 39.8
123 8.6 8.6 13.0#



Instrument :
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ClientSampleId :
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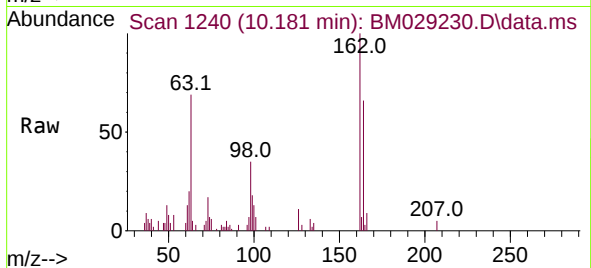
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#29
2,4-Dichlorophenol
Concen: 3.73 ng
RT: 10.181 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

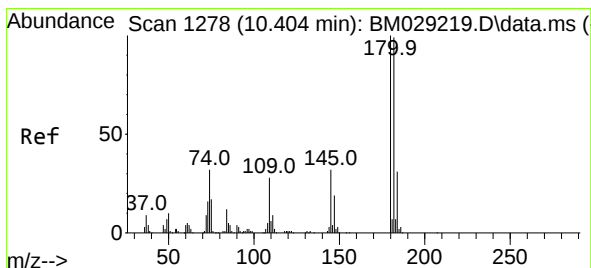
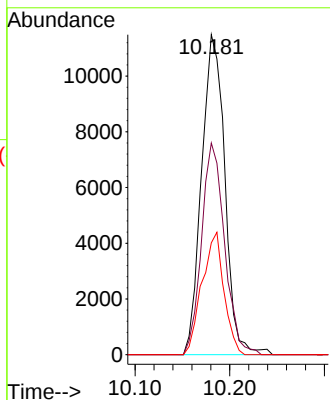
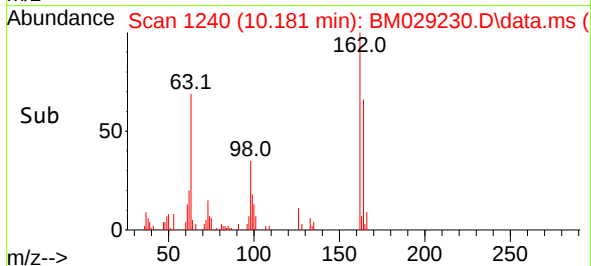
Instrument :
BNA_M
ClientSampleId :
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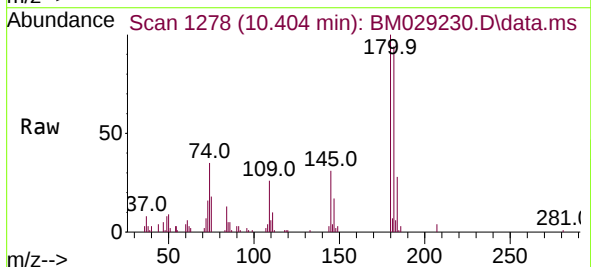
Tgt Ion:162 Resp: 19584
Ion Ratio Lower Upper
162 100
164 66.2 45.7 85.7
98 34.9 16.3 56.3

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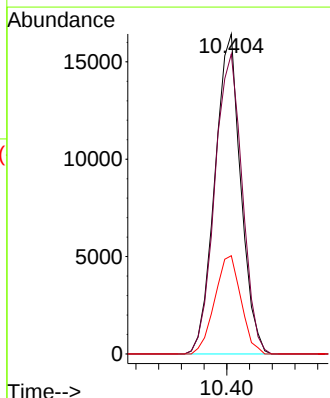
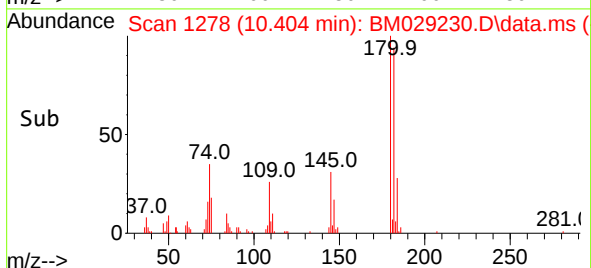
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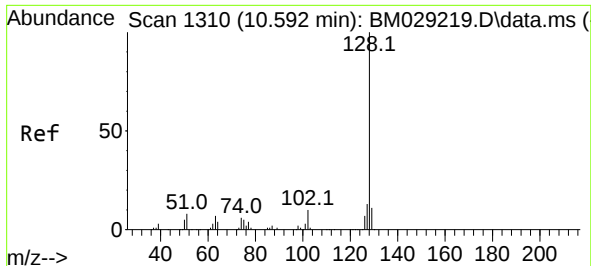


#30
1,2,4-Trichlorobenzene
Concen: 4.37 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



Tgt Ion:180 Resp: 26046
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.4
145 30.7 25.4 38.2





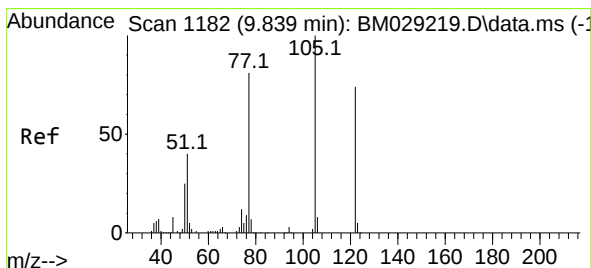
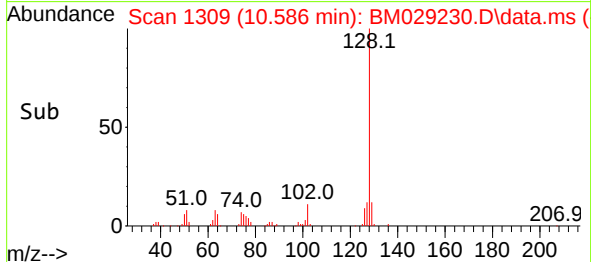
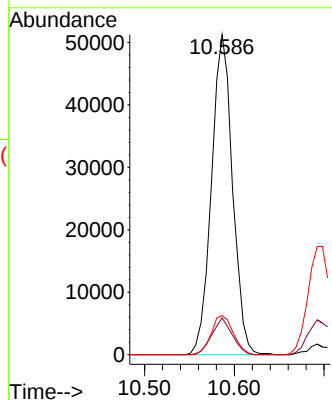
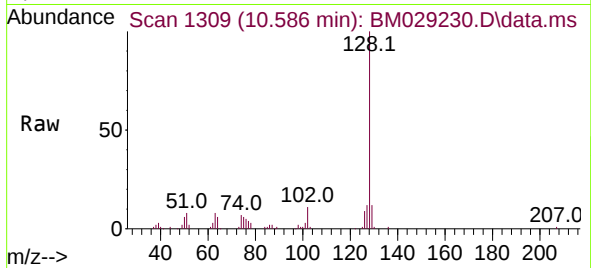
#31
Naphthalene
Concen: 4.51 ng
RT: 10.586 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:128 Resp: 83484
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 12.2 10.7 16.1

Instrument :
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ClientSampleId :
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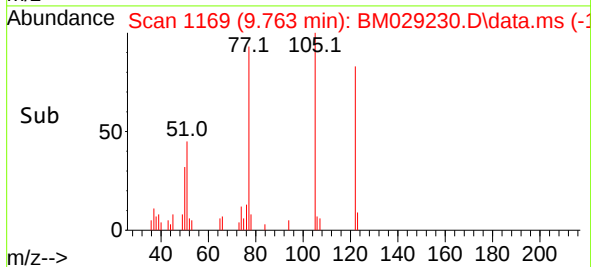
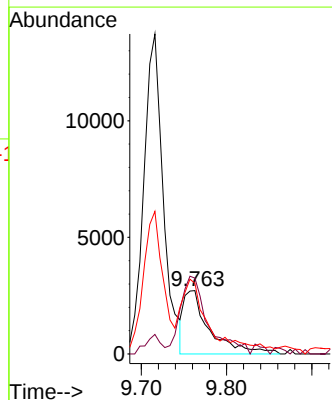
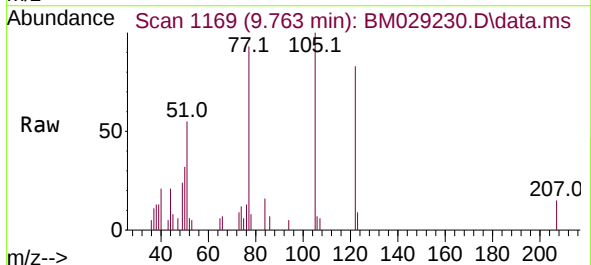
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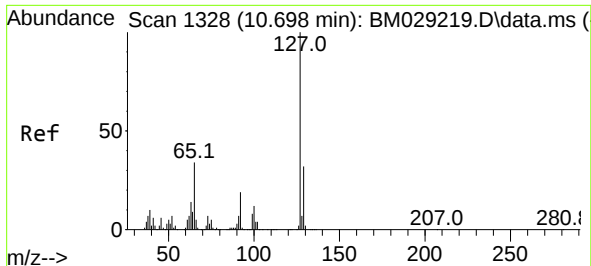
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#32
Benzoic acid
Concen: 2.03 ng
RT: 9.763 min Scan# 1169
Delta R.T. -0.076 min
Lab File: BM029230.D
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Tgt Ion:122 Resp: 5699
Ion Ratio Lower Upper
122 100
105 119.9 108.2 148.2
77 111.7 86.0 126.0





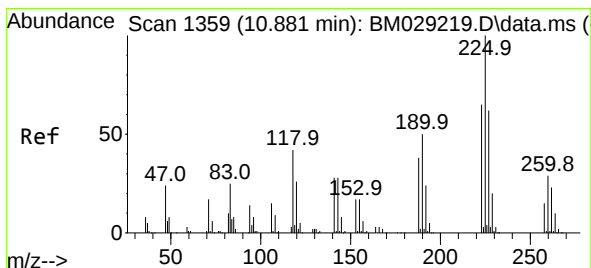
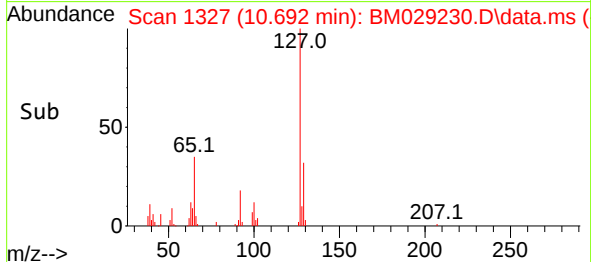
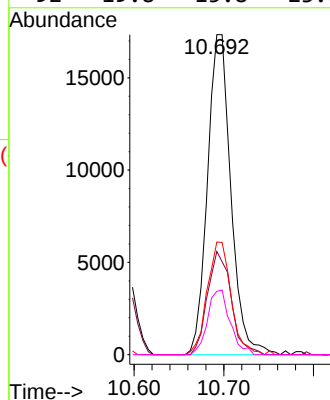
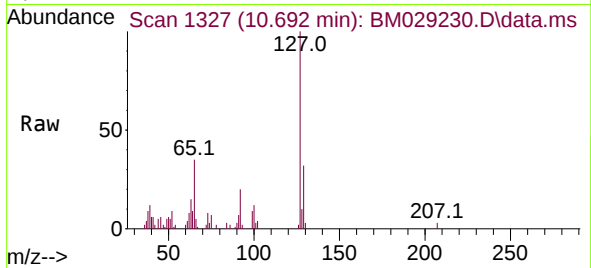
#33
4-Chloroaniline
Concen: 4.30 ng
RT: 10.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.0
65	35.2	28.6	42.8
92	19.8	15.8	23.6

Instrument :
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ClientSampleId :
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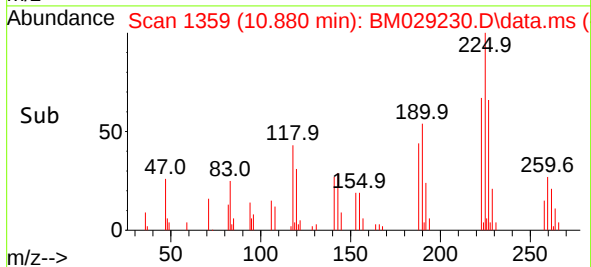
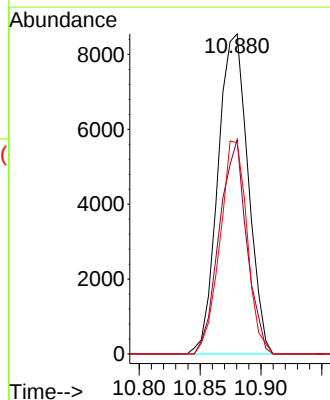
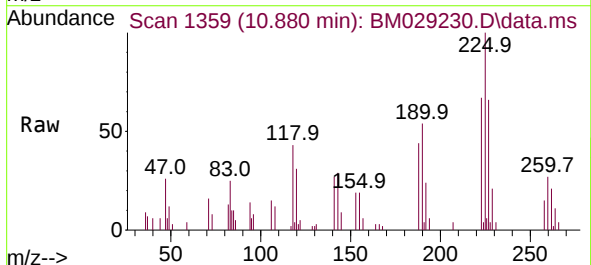
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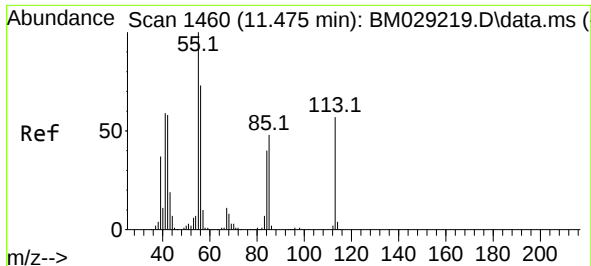
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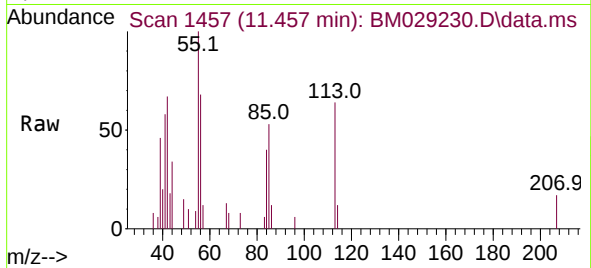
#34
Hexachlorobutadiene
Concen: 4.24 ng
RT: 10.880 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.8	77.8
227	66.1	52.2	78.4

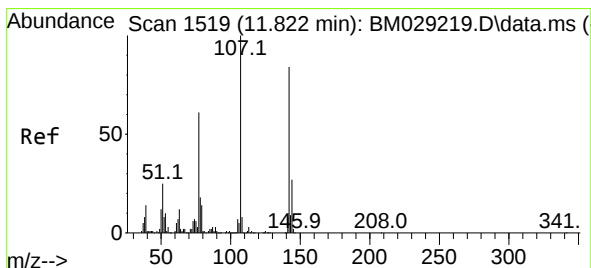
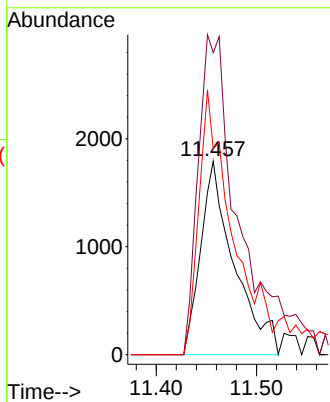
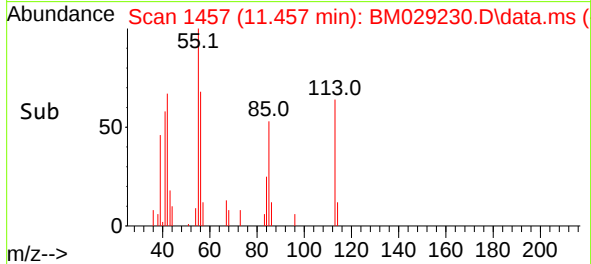




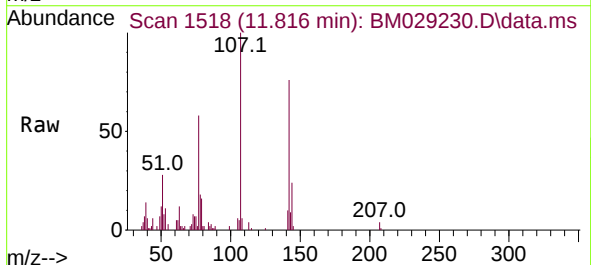
#35
Caprolactam
Concen: 2.61 ng
RT: 11.457 min Scan# 1457
Delta R.T. -0.018 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



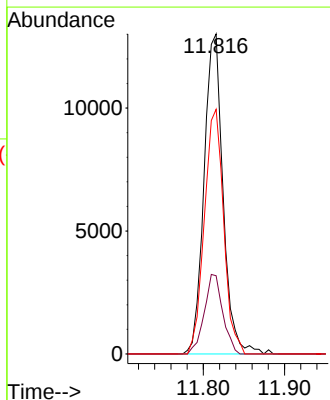
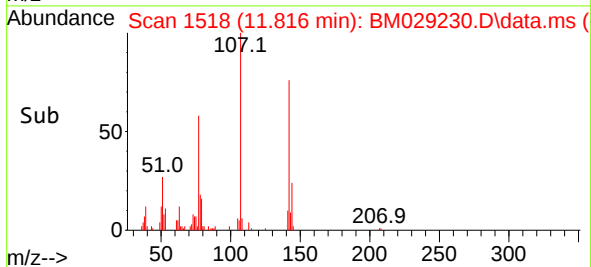
Tgt Ion:113 Resp: 4163
Ion Ratio Lower Upper
113 100
55 156.1 149.4 189.4
56 106.6 110.8 150.8#



#36
4-Chloro-3-methylphenol
Concen: 3.78 ng
RT: 11.816 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



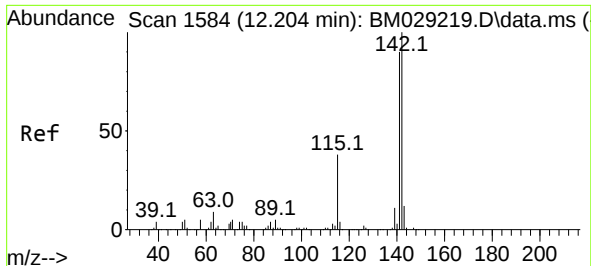
Tgt Ion:107 Resp: 21164
Ion Ratio Lower Upper
107 100
144 24.4 22.7 34.1
142 76.5 67.0 100.4



Instrument :
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ClientSampleId :
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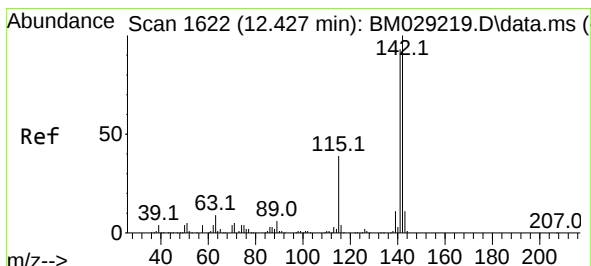
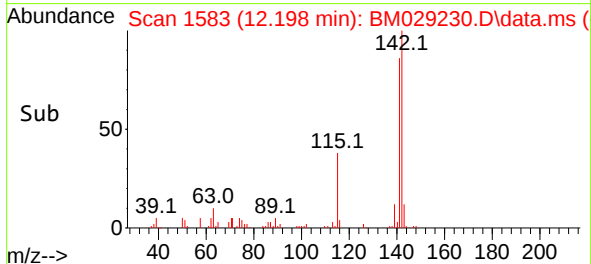
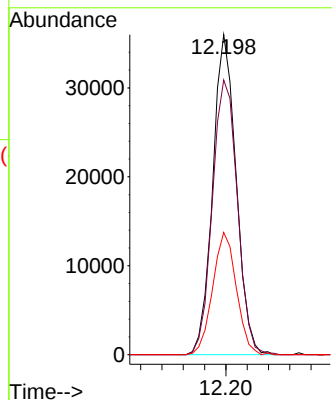
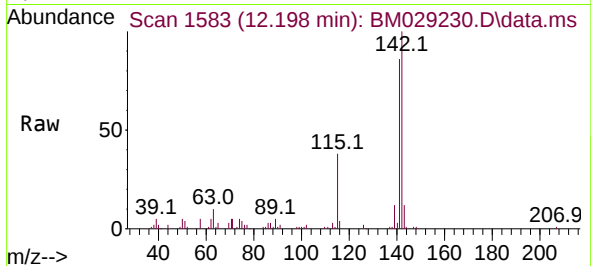
#37
2-Methylnaphthalene
Concen: 4.24 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:142	Resp:	54840
Ion Ratio	Lower	Upper
142	100	
141	85.9	72.0 108.0
115	38.2	29.8 44.6

Instrument :
BNA_M
ClientSampleId :
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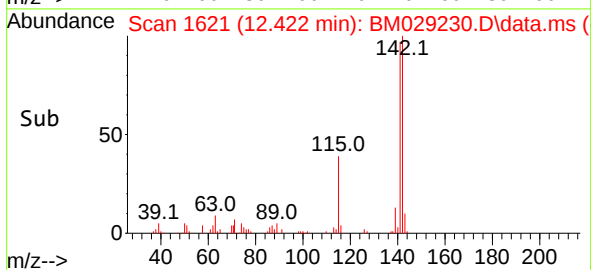
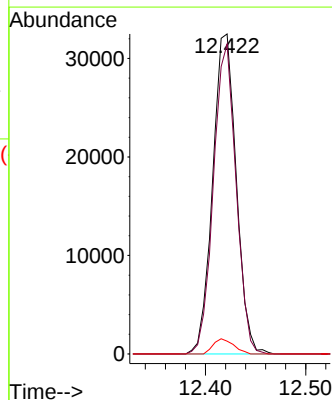
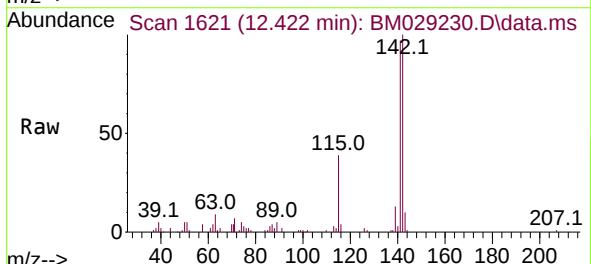
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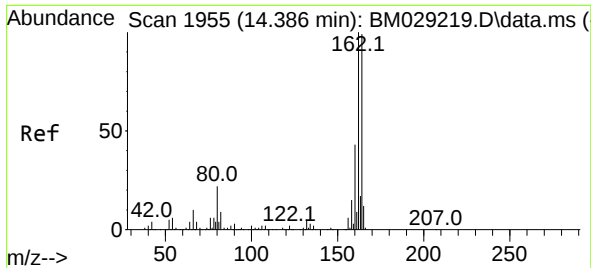
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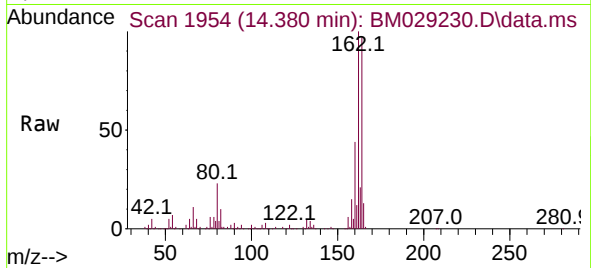
#38
1-Methylnaphthalene
Concen: 4.32 ng
RT: 12.422 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:142	Resp:	53145
Ion Ratio	Lower	Upper
142	100	
141	96.8	73.5 110.3
116	4.0	3.2 4.8

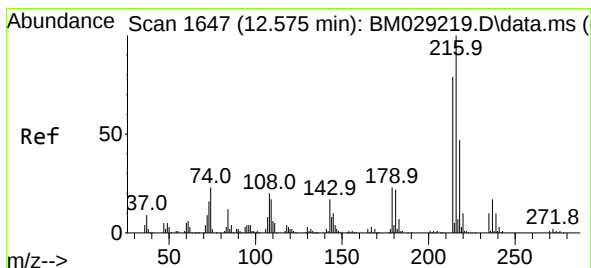
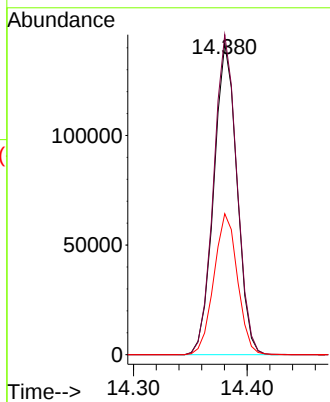
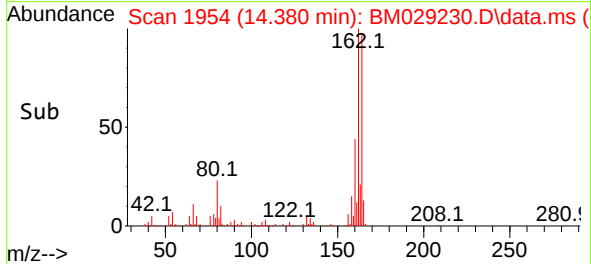




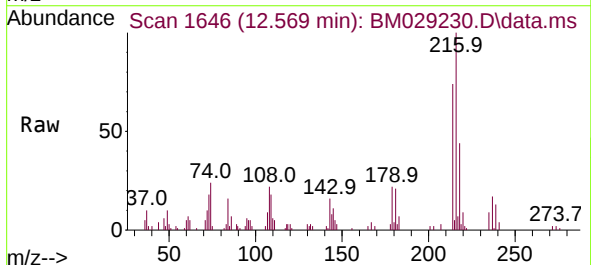
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.380 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



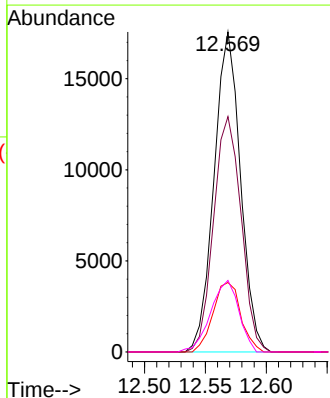
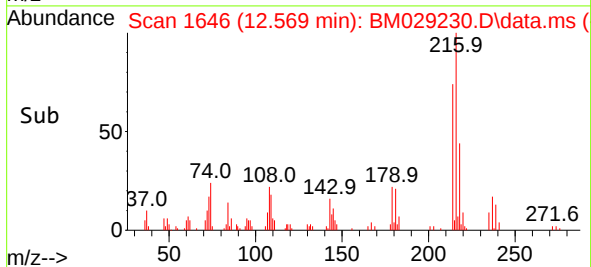
Tgt Ion:164 Resp: 200977
Ion Ratio Lower Upper
164 100
162 102.8 84.4 126.6
160 45.3 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.71 ng
RT: 12.569 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



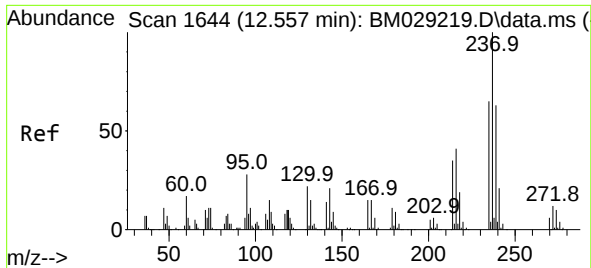
Tgt Ion:216 Resp: 26550
Ion Ratio Lower Upper
216 100
214 76.3 62.3 93.5
179 22.8 18.6 27.8
108 23.9 18.2 27.4



Instrument :
BNA_M
ClientSampleId :
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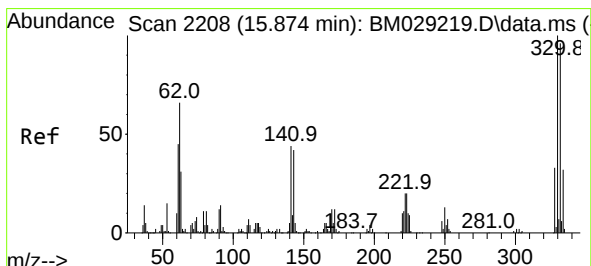
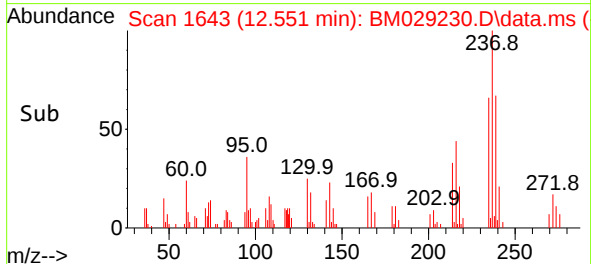
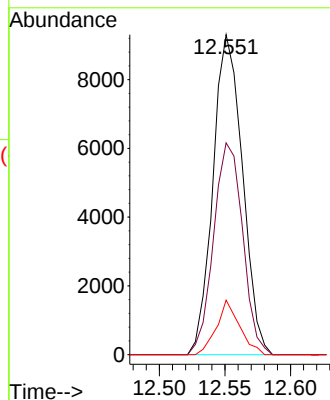
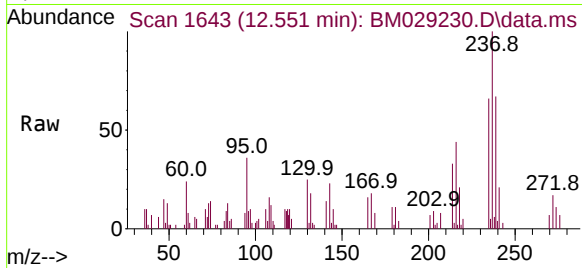
#41
Hexachlorocyclopentadiene
Concen: 4.71 ng
RT: 12.551 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	237	Resp:	14543
Ion Ratio	Lower	Upper	
237	100		
235	66.2	41.8	81.8
272	17.0	0.0	31.1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

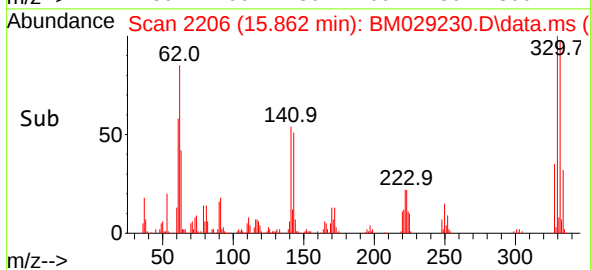
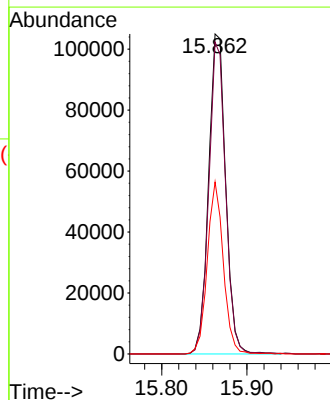
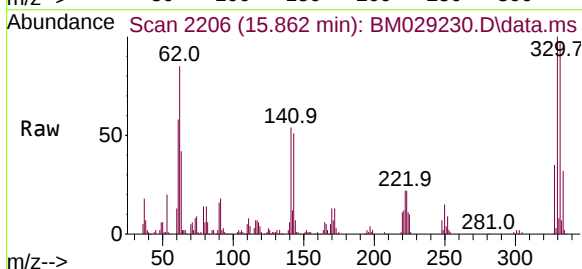
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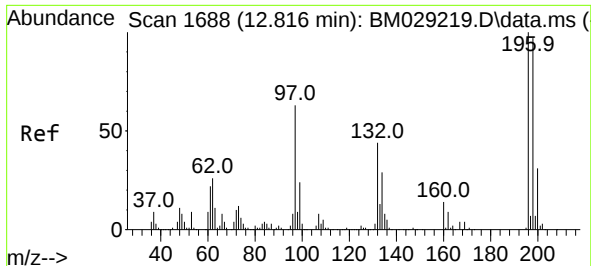
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#42
2,4,6-Tribromophenol
Concen: 78.77 ng
RT: 15.862 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	330	Resp:	146613
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.1	115.7
141	50.4	39.2	58.8





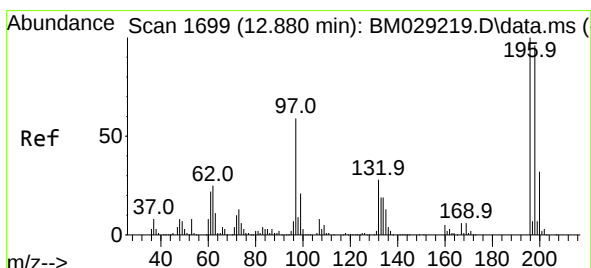
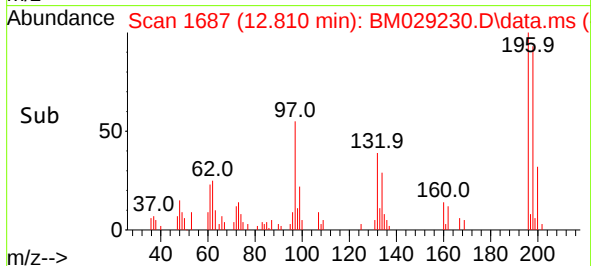
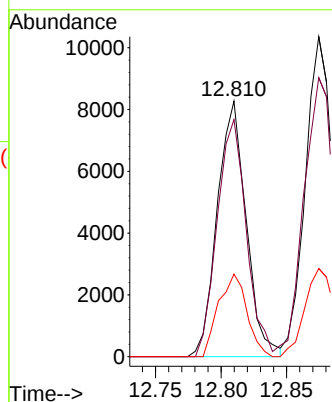
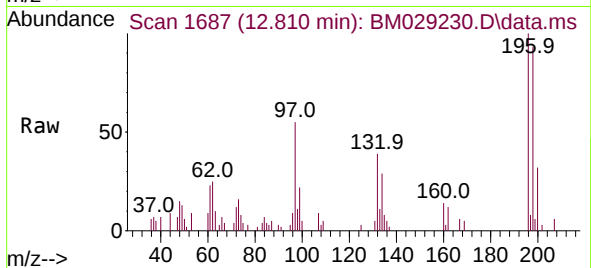
#43
2,4,6-Trichlorophenol
Concen: 3.46 ng
RT: 12.810 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	196	Resp:	12693
Ion Ratio	Lower	Upper	
196	100		
198	92.7	75.3	112.9
200	32.3	25.2	37.8

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

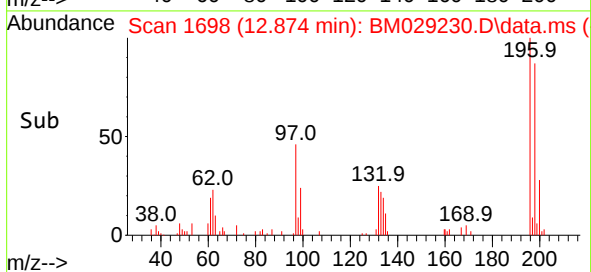
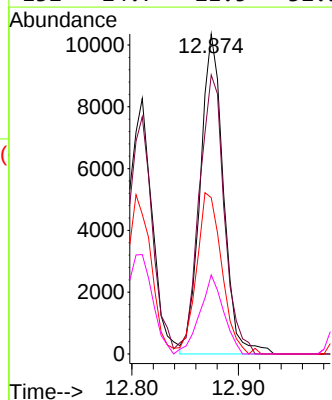
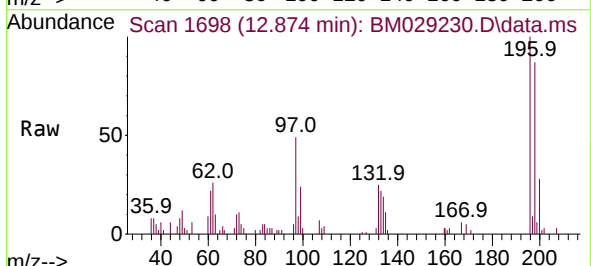
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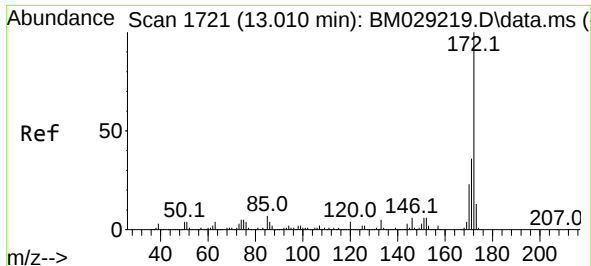
mohammad
3/29/2021 3:27:02 PM



#44
2,4,5-Trichlorophenol
Concen: 3.84 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

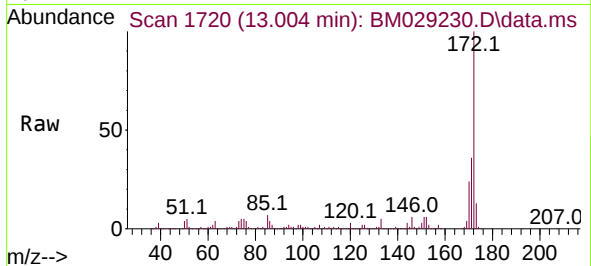
Tgt Ion:	196	Resp:	15643
Ion Ratio	Lower	Upper	
196	100		
198	87.2	74.6	112.0
97	48.9	46.4	69.6
132	24.7	21.5	32.3





#45
2-Fluorobiphenyl
Concen: 64.36 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

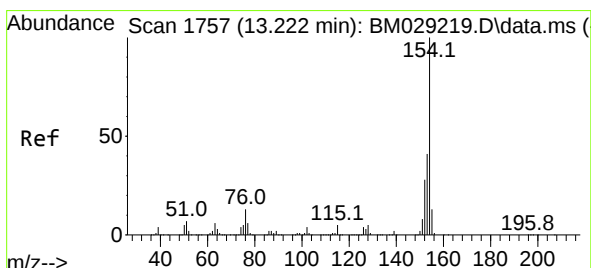
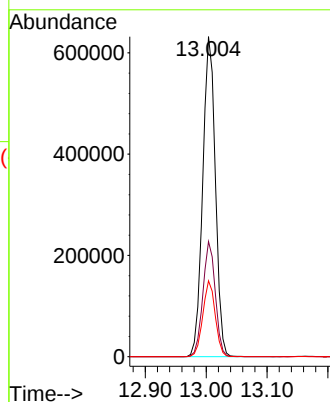
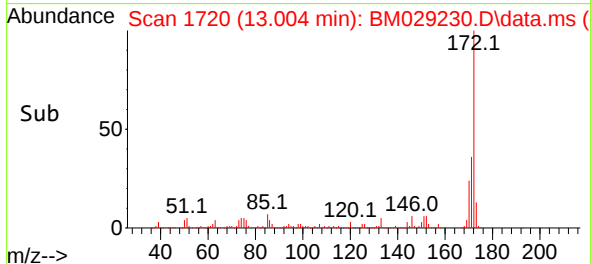
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



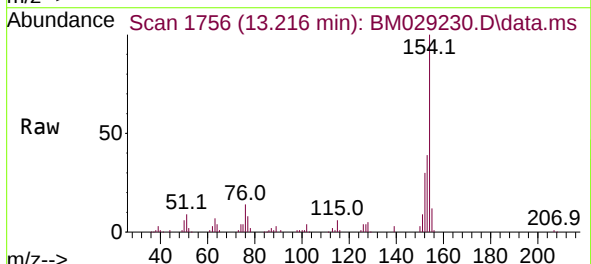
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.7	18.8	28.2

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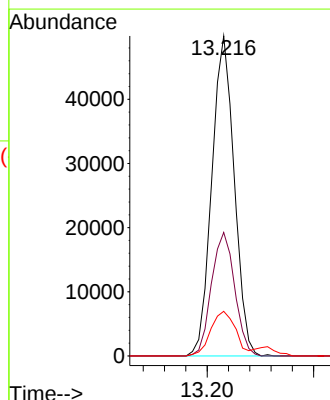
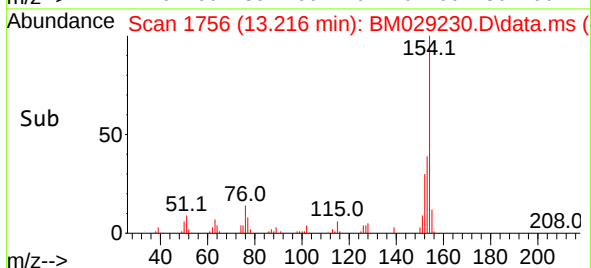
mohammad
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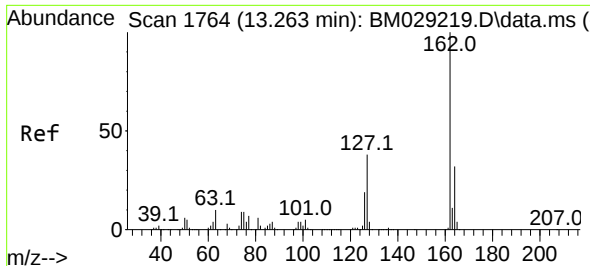


#46
1,1'-Biphenyl
Concen: 4.76 ng
RT: 13.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

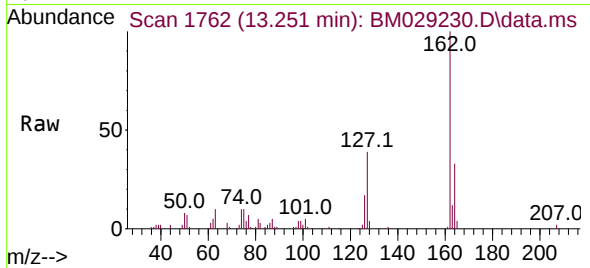


Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	21.5	61.5
76	14.0	0.0	33.6

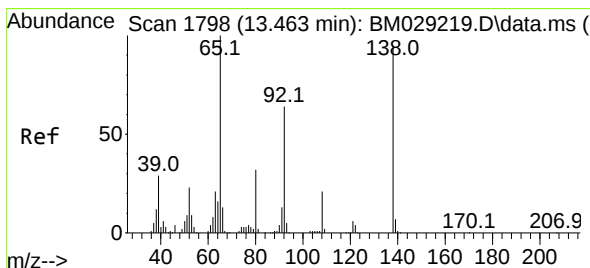
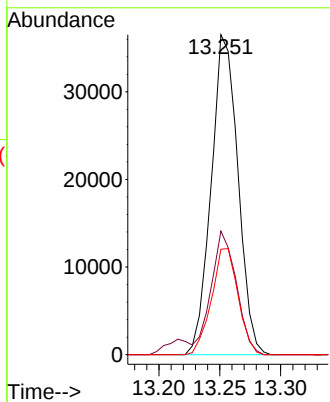
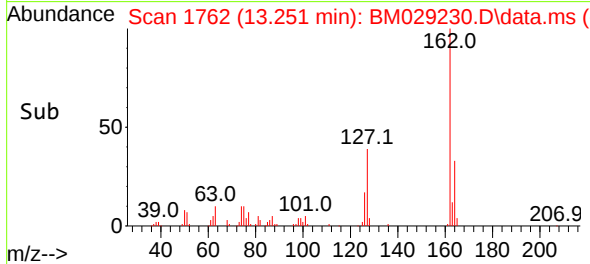




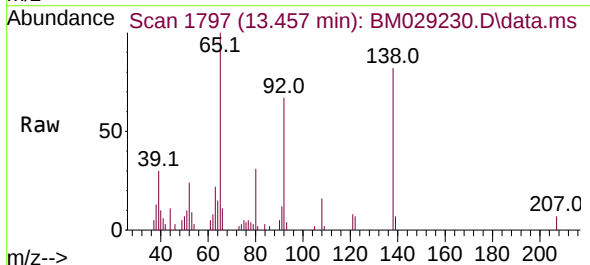
#47
2-Chloronaphthalene
Concen: 4.64 ng
RT: 13.251 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



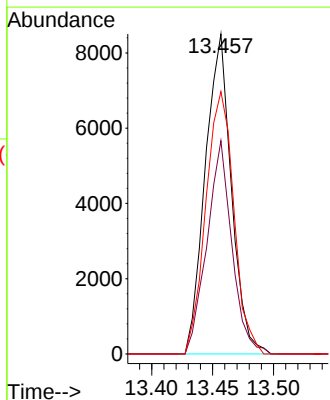
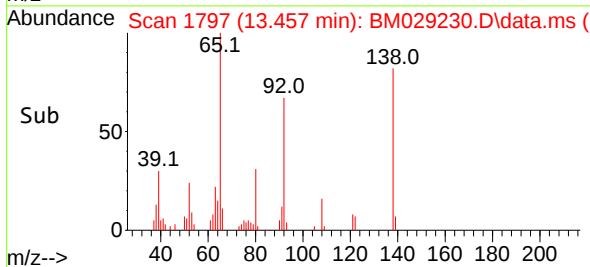
Tgt Ion:162 Resp: 55835
Ion Ratio Lower Upper
162 100
127 38.6 30.4 45.6
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 3.59 ng
RT: 13.457 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



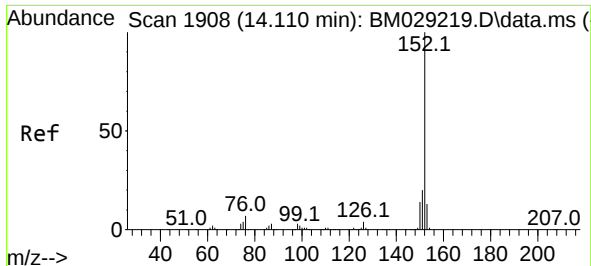
Tgt Ion: 65 Resp: 12651
Ion Ratio Lower Upper
65 100
92 66.7 52.4 78.6
138 82.0 75.0 112.6



Instrument :
BNA_M
ClientSampleId :
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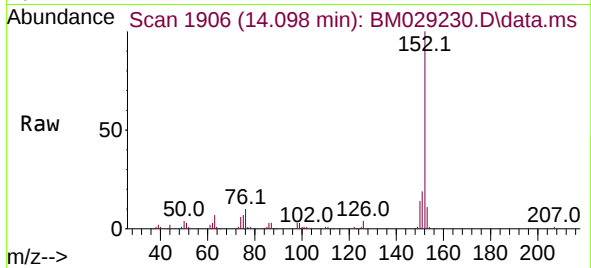
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#49
Acenaphthylene
Concen: 4.16 ng
RT: 14.098 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

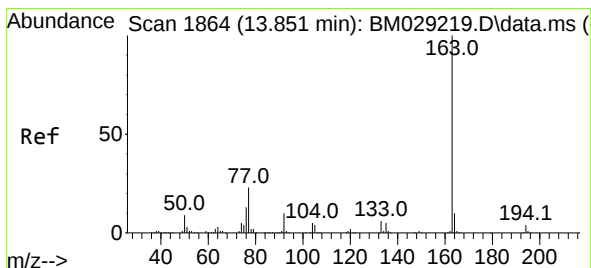
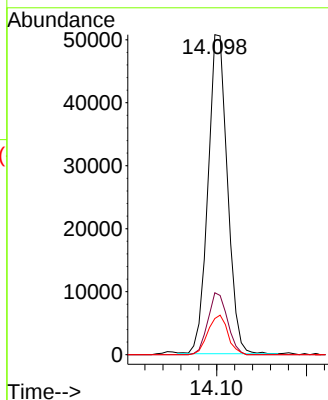
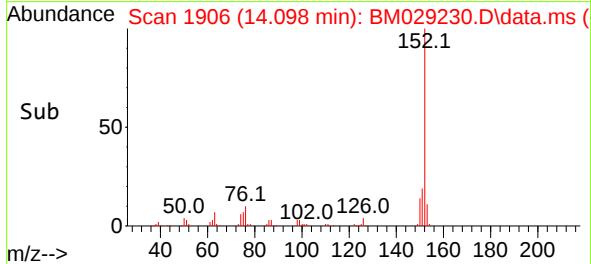
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



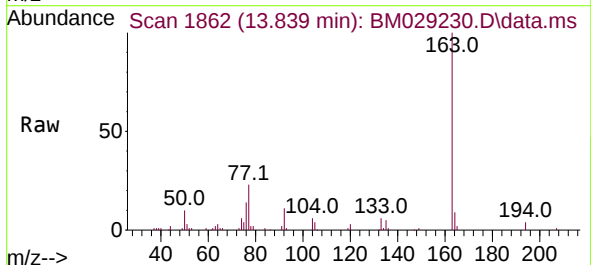
Tgt Ion:152 Resp: 76056
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.4
153 11.3 10.2 15.2

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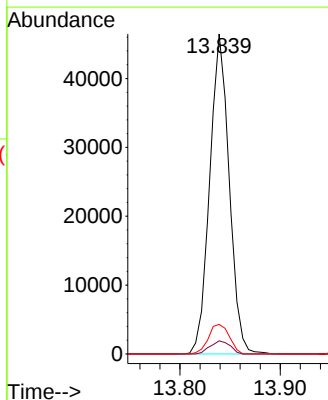
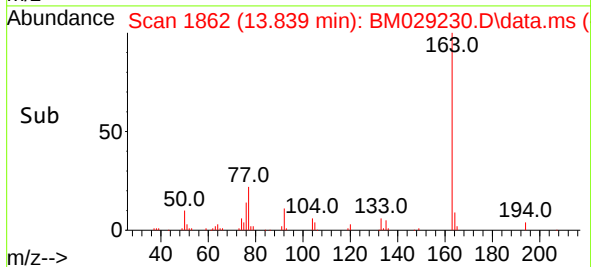
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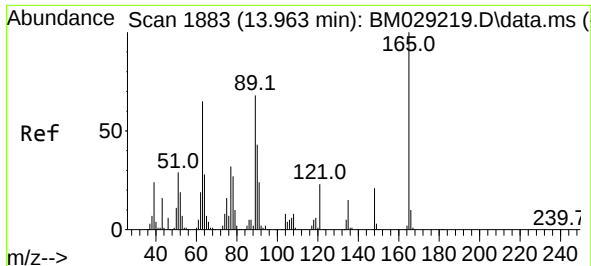


#50
Dimethylphthalate
Concen: 4.47 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



Tgt Ion:163 Resp: 62782
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.2 7.9 11.9





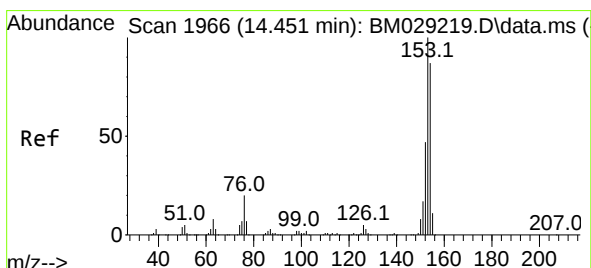
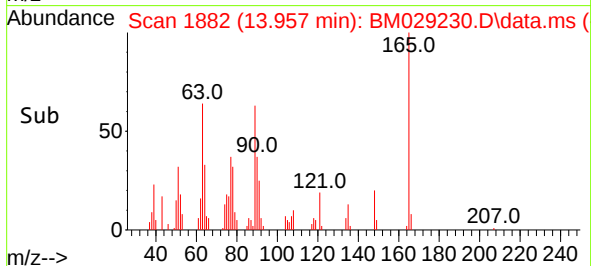
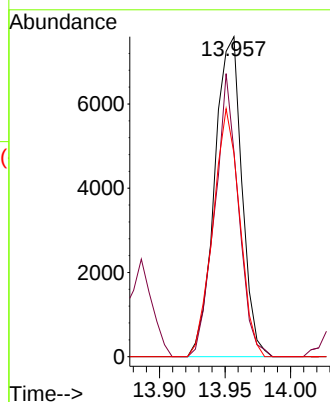
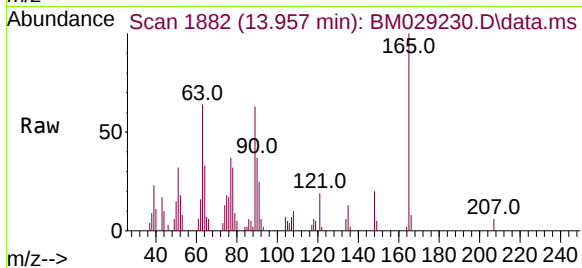
#51
2,6-Dinitrotoluene
Concen: 3.62 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.0	51.4	77.2
89	63.5	51.4	77.2

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

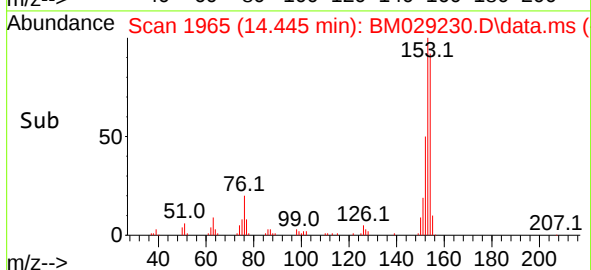
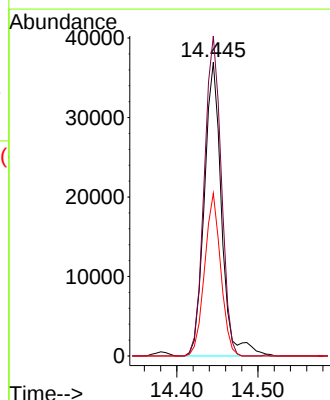
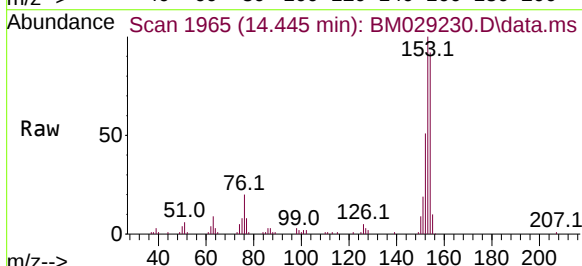
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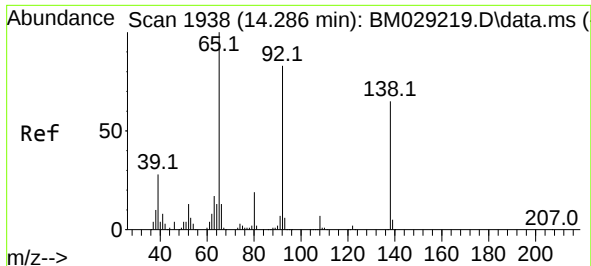
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#52
Acenaphthene
Concen: 4.68 ng
RT: 14.445 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.9	90.5	135.7
152	55.4	43.4	65.2





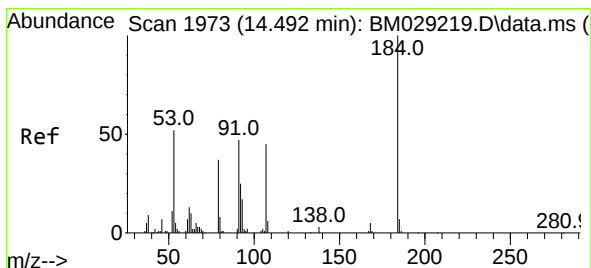
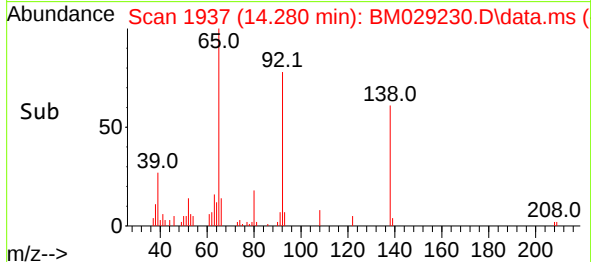
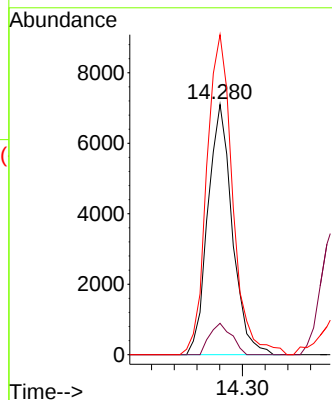
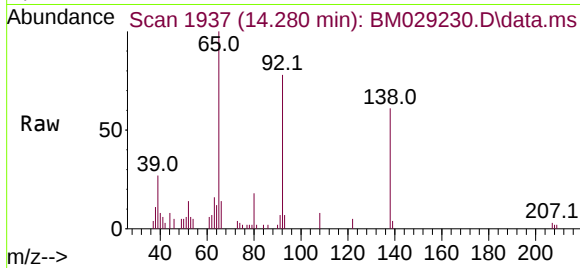
#53
3-Nitroaniline
Concen: 3.45 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.5	9.0	13.4
92	127.8	101.4	152.0

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

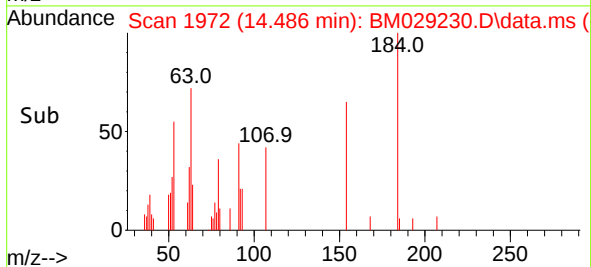
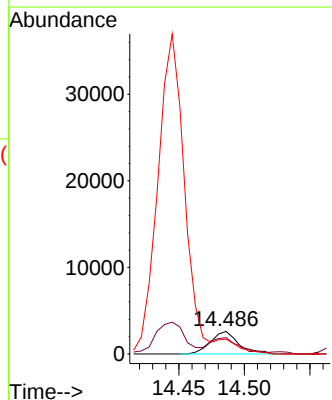
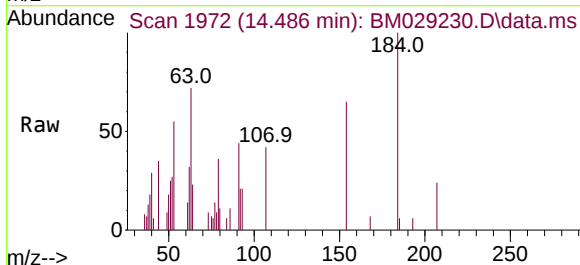
Manual Integrations
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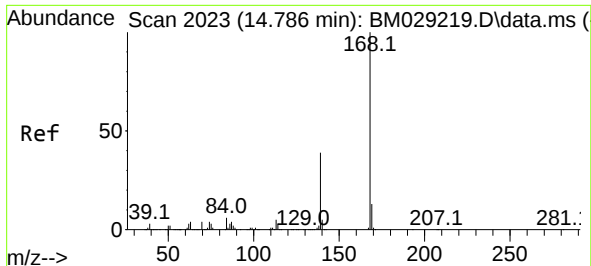
mohammad
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#54
2,4-Dinitrophenol
Concen: 2.52 ng
RT: 14.486 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.3	61.9	92.9
154	65.1	52.3	78.5





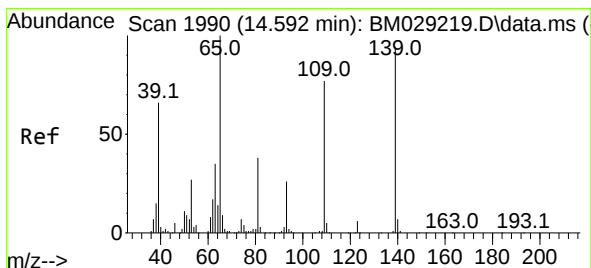
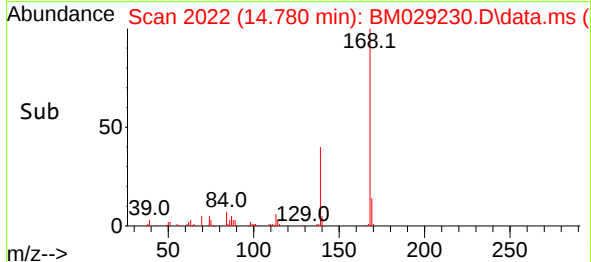
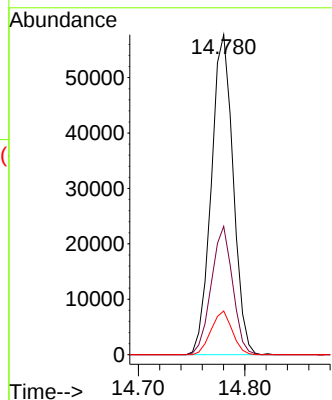
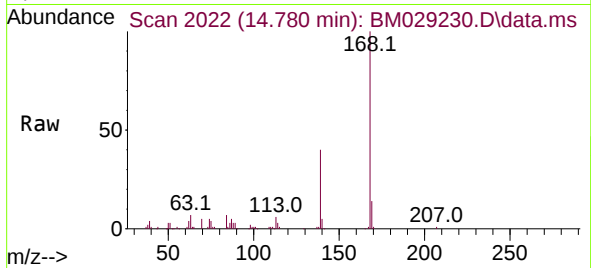
#55
Dibenzenofuran
Concen: 4.49 ng
RT: 14.780 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:168 Resp: 82166
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.7 10.2 15.4

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

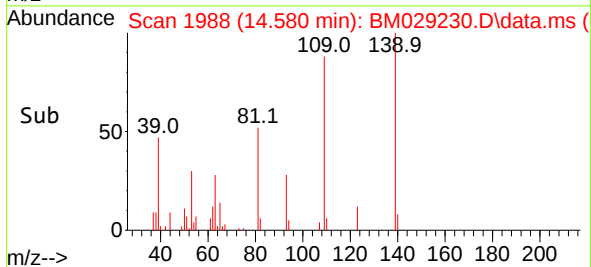
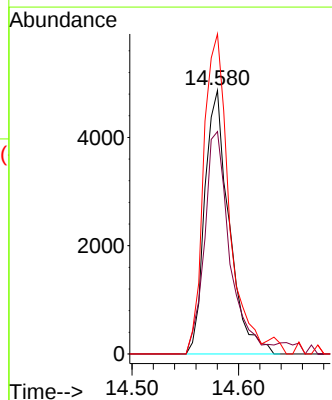
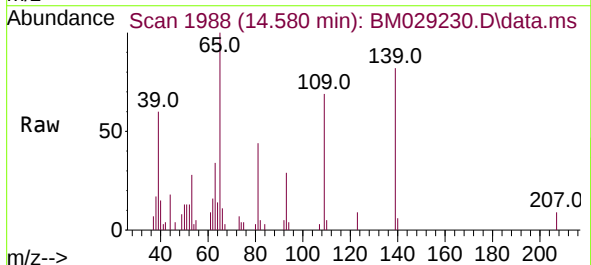
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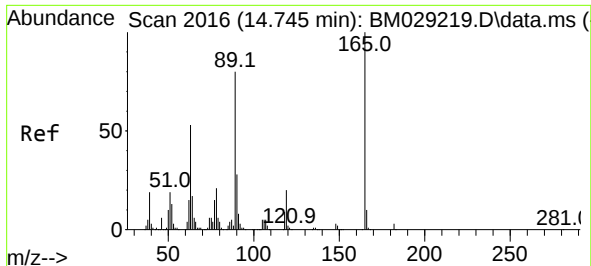
mohammad
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#56
4-Nitrophenol
Concen: 2.76 ng
RT: 14.580 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

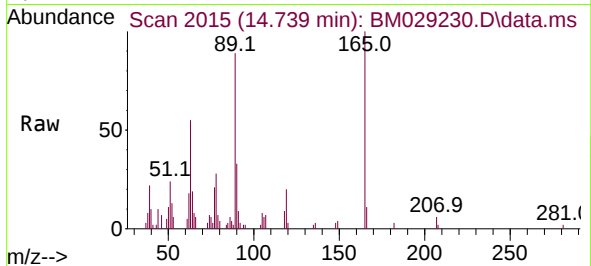
Tgt Ion:139 Resp: 7764
Ion Ratio Lower Upper
139 100
109 84.4 69.5 109.5
65 121.4 98.1 138.1





#57
2,4-Dinitrotoluene
Concen: 3.31 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

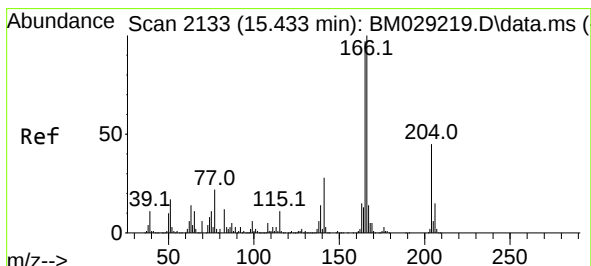
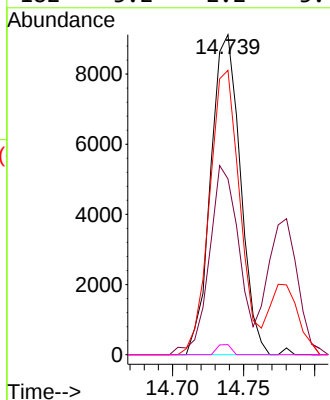
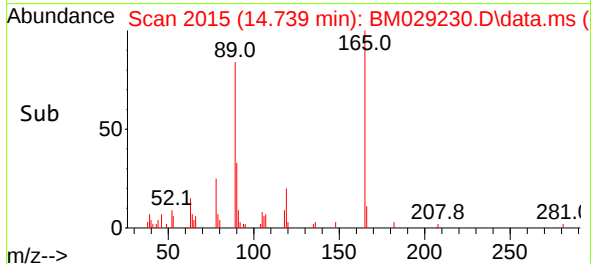
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



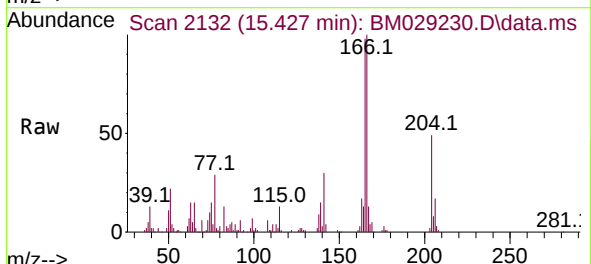
Tgt Ion:165 Resp: 13224
Ion Ratio Lower Upper
165 100
63 54.9 42.2 63.4
89 88.9 65.6 98.4
182 3.2 2.2 3.4

Manual Integrations
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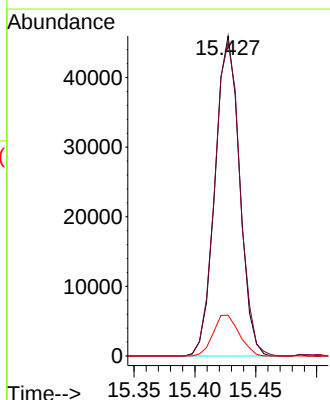
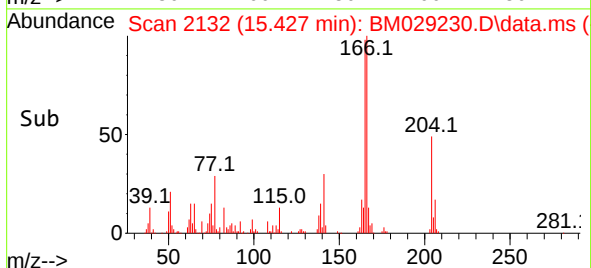
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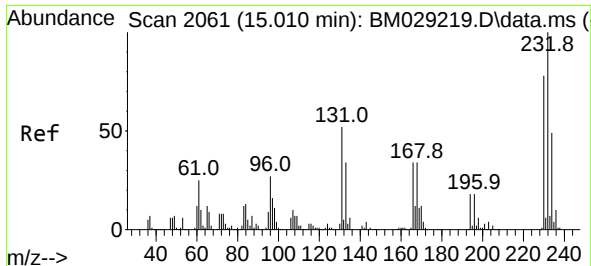


#58
Fluorene
Concen: 4.33 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



Tgt Ion:166 Resp: 64255
Ion Ratio Lower Upper
166 100
165 98.1 79.6 119.4
167 12.8 11.0 16.6





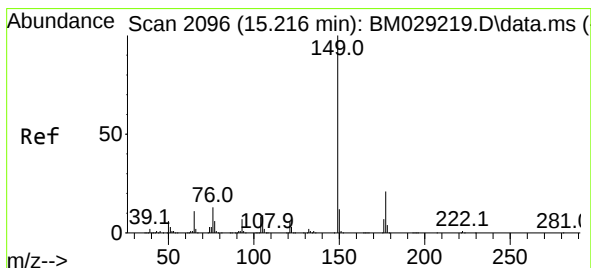
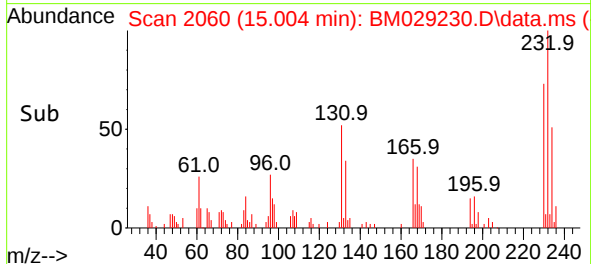
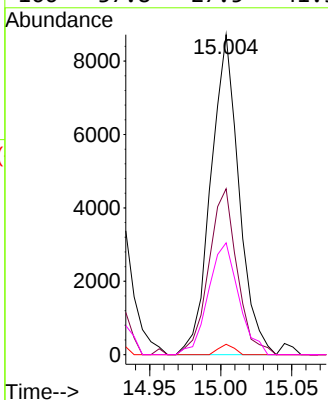
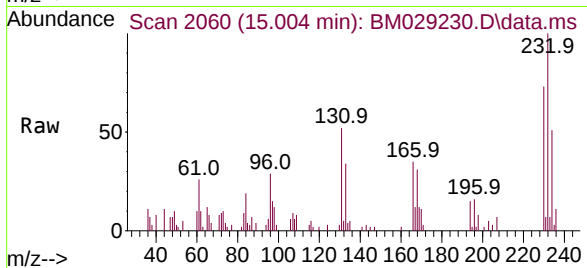
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.59 ng
RT: 15.004 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.4	41.1	61.7
130	1.8	2.6	3.8#
166	37.8	27.5	41.3

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

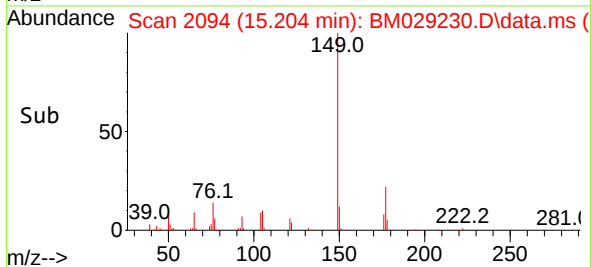
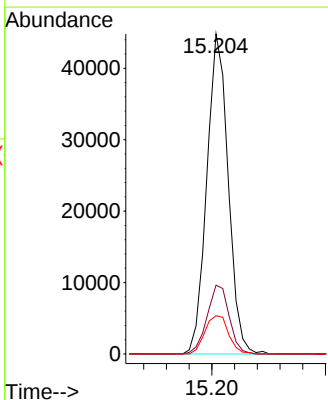
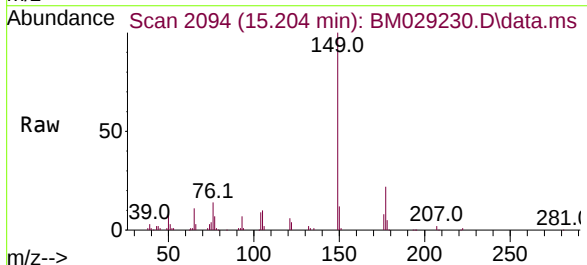
Manual Integrations
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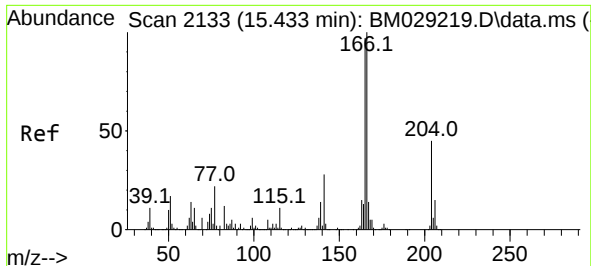
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#60
Diethylphthalate
Concen: 4.24 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.3	25.9
150	12.0	9.8	14.6





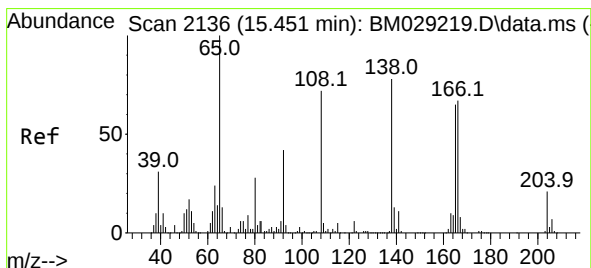
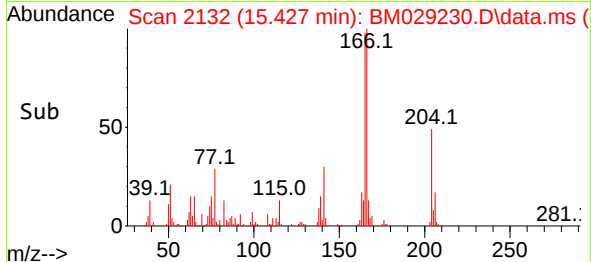
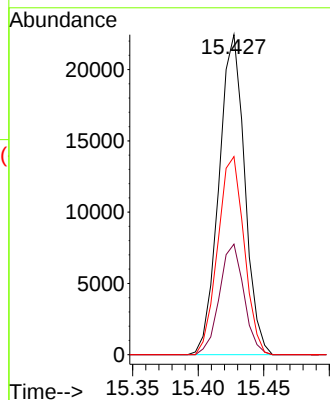
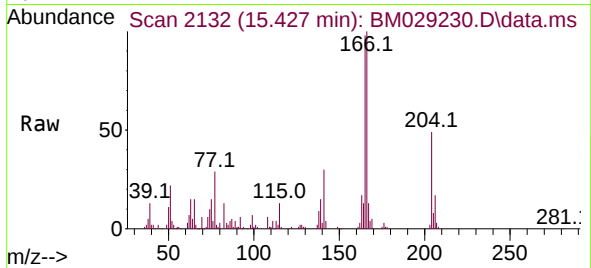
#61
4-Chlorophenyl-phenylether
Concen: 4.48 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:204 Resp: 30644
Ion Ratio Lower Upper
204 100
206 34.5 26.7 40.1
141 61.9 48.4 72.6

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

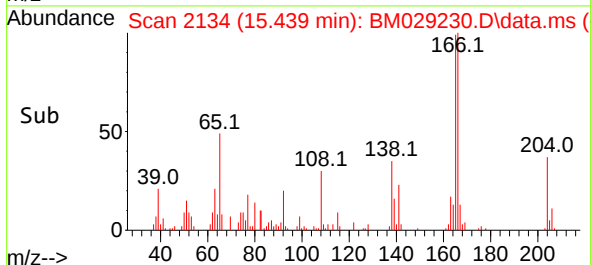
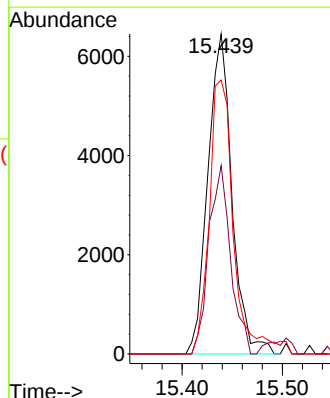
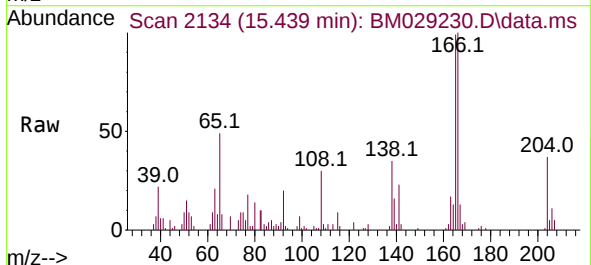
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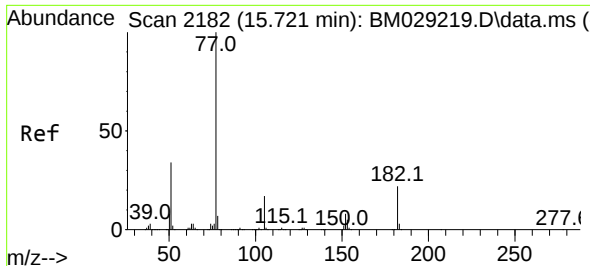
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#62
4-Nitroaniline
Concen: 3.33 ng
RT: 15.439 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:138 Resp: 10774
Ion Ratio Lower Upper
138 100
92 58.8 38.2 78.2
108 85.6 71.7 111.7





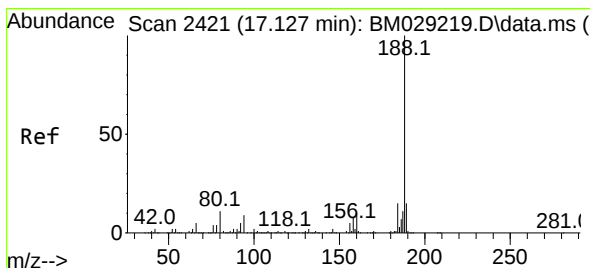
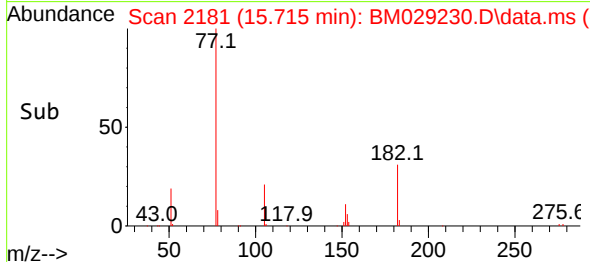
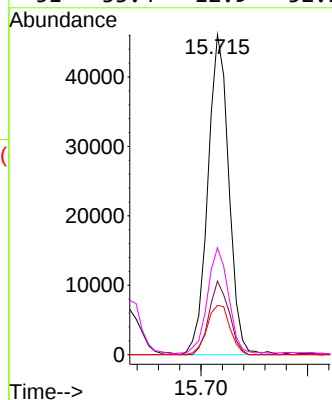
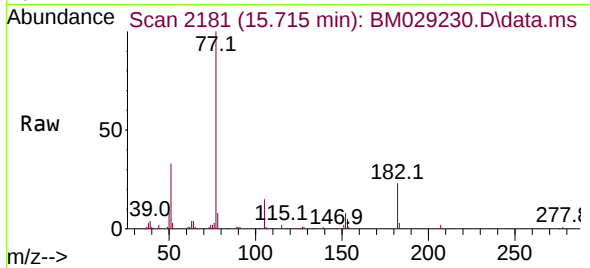
#63
Azobenzene
Concen: 4.00 ng
RT: 15.715 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 77	Resp: 63237
Ion Ratio	Lower Upper
77 100	
182 23.0	2.3 42.3
105 15.4	0.0 36.4
51 33.4	12.9 52.9

Instrument :
BNA_M
ClientSampleId :
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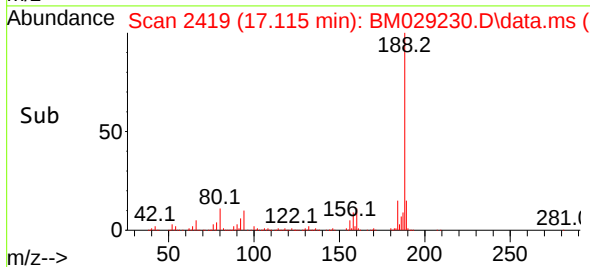
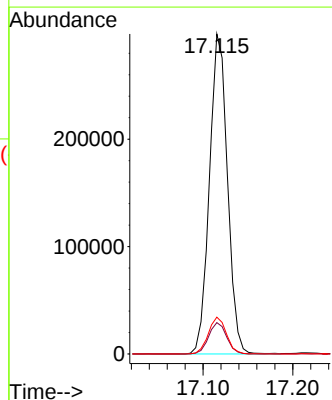
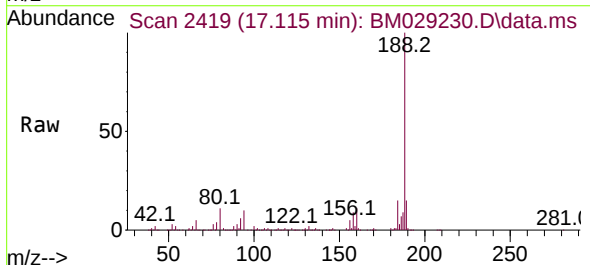
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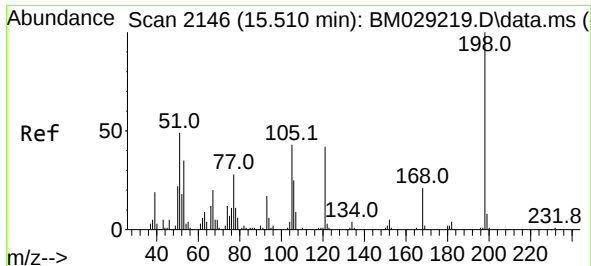
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

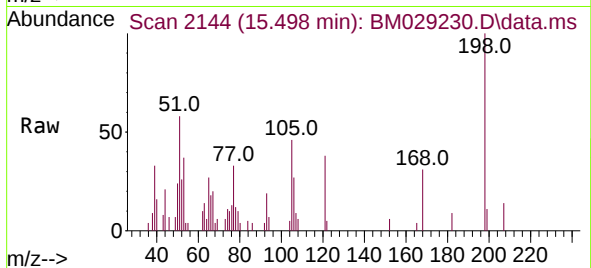
Tgt Ion: 188	Resp: 415866
Ion Ratio	Lower Upper
188 100	
94 9.8	8.1 12.1
80 11.5	9.2 13.8





#65
4,6-Dinitro-2-methylphenol
Concen: 2.64 ng
RT: 15.498 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

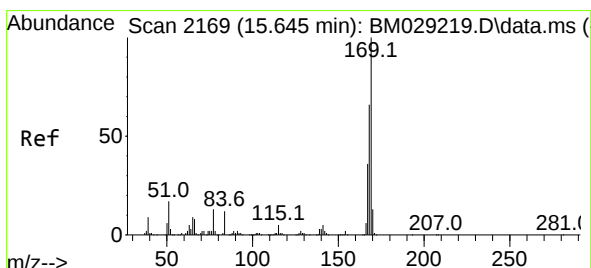
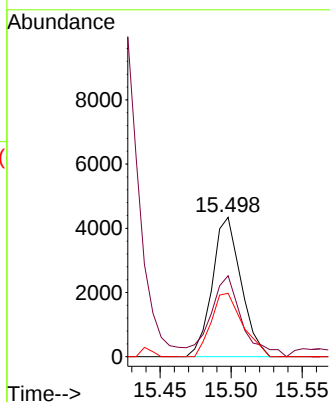
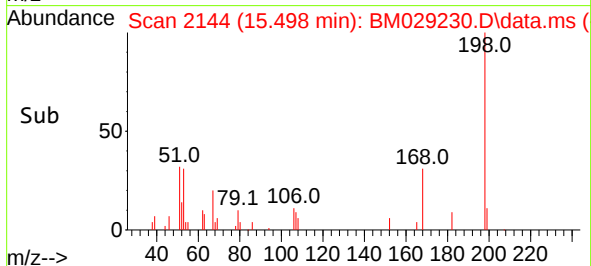
Instrument :
BNA_M
ClientSampleId :
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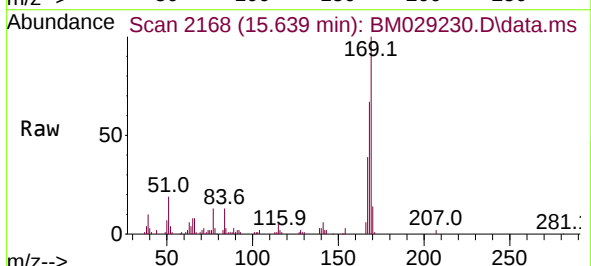
Tgt Ion:198 Resp: 6115
Ion Ratio Lower Upper
198 100
51 58.1 35.1 75.1
105 45.5 29.4 69.4

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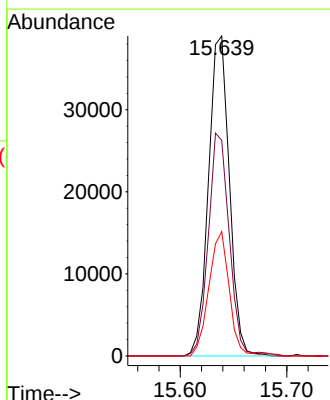
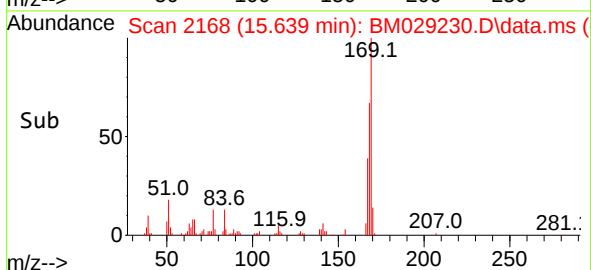
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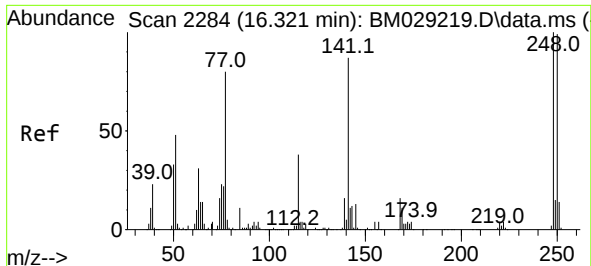


#66
n-Nitrosodiphenylamine
Concen: 3.99 ng
RT: 15.639 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



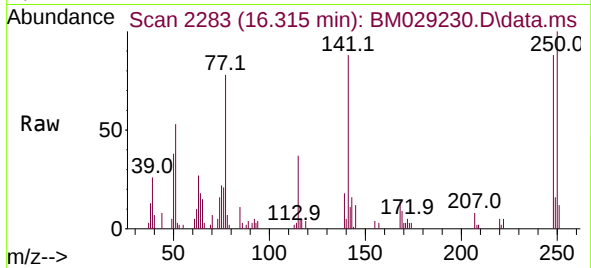
Tgt Ion:169 Resp: 53057
Ion Ratio Lower Upper
169 100
168 67.4 54.6 81.8
167 38.9 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 16.315 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

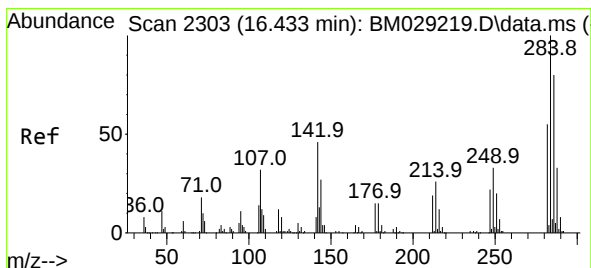
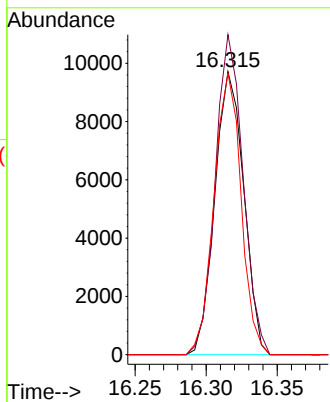
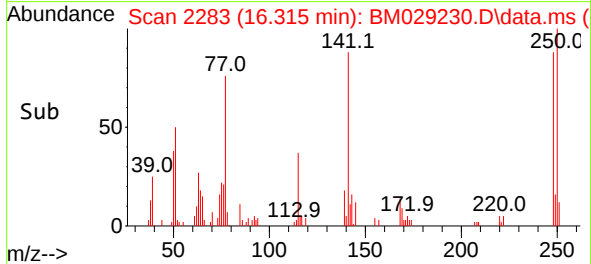
Instrument :
BNA_M
ClientSampleId :
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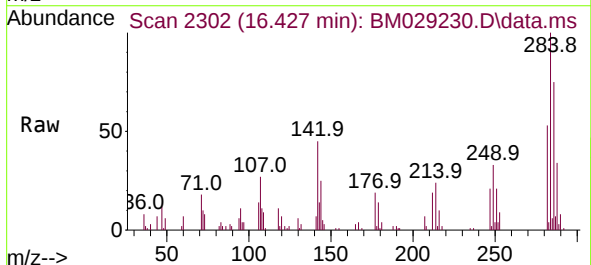
Tgt Ion:248 Resp: 13758
Ion Ratio Lower Upper
248 100
250 113.0 78.4 117.6
141 99.5 67.1 100.7

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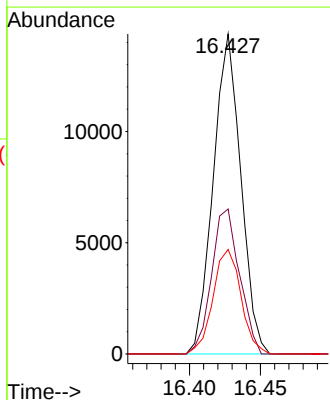
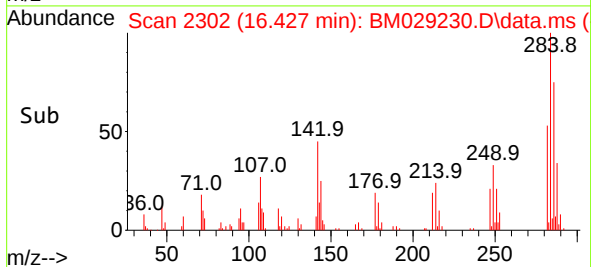
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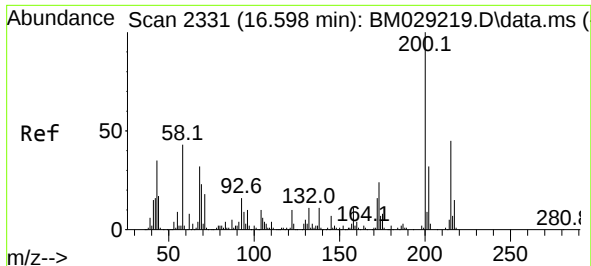


#68
Hexachlorobenzene
Concen: 4.32 ng
RT: 16.427 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



Tgt Ion:284 Resp: 19389
Ion Ratio Lower Upper
284 100
142 45.3 33.4 50.2
249 32.7 25.9 38.9





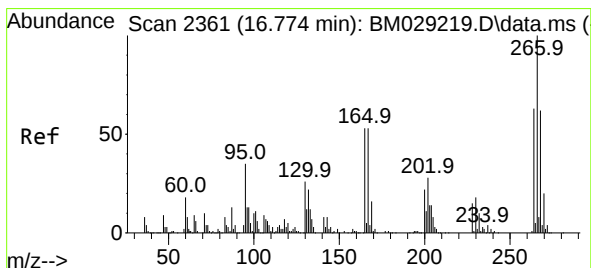
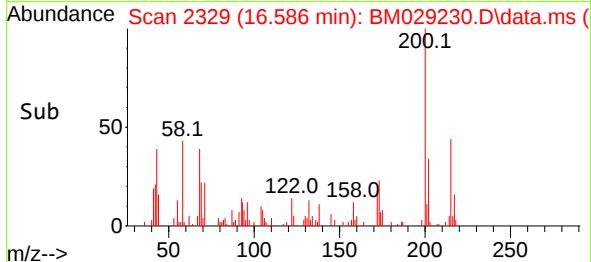
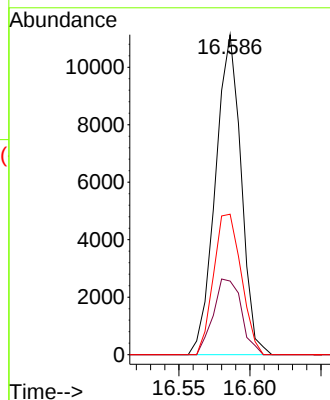
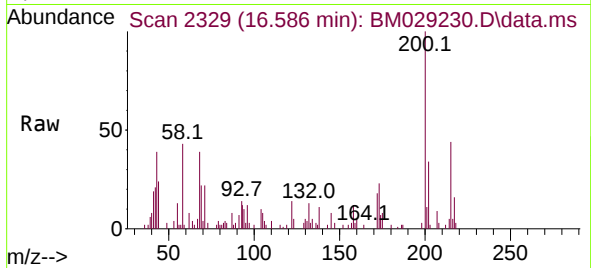
#69
Atrazine
Concen: 3.33 ng
RT: 16.586 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.0	6.1	46.1
215	43.9	23.8	63.8

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

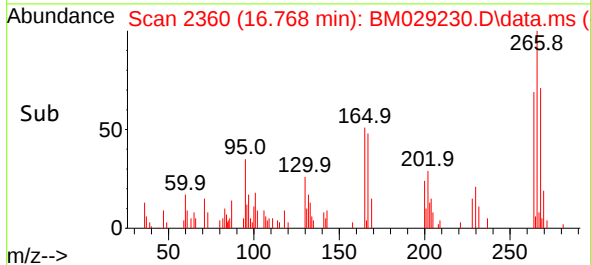
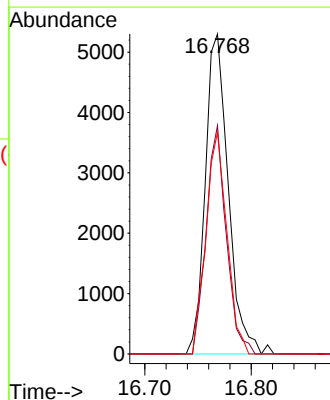
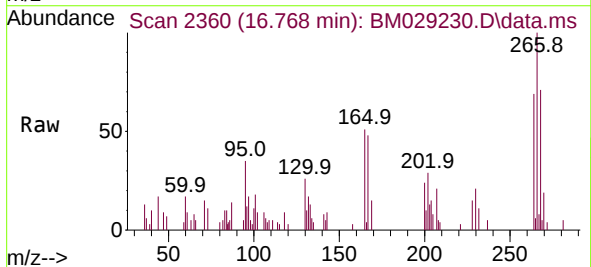
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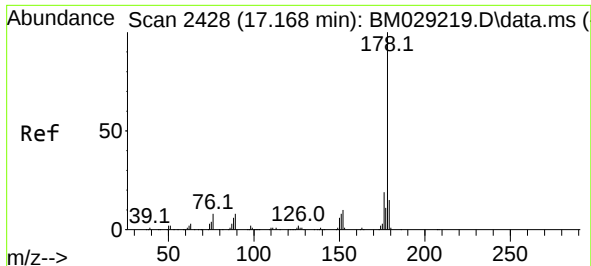
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#70
Pentachlorophenol
Concen: 2.88 ng
RT: 16.768 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	76.3	52.2	78.2
264	69.3	50.9	76.3





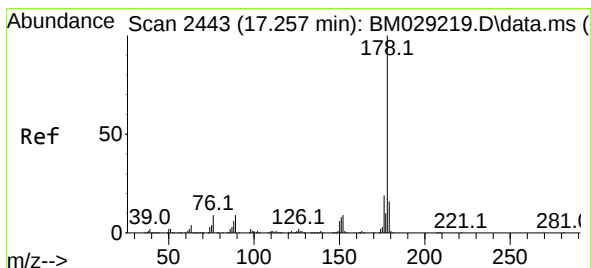
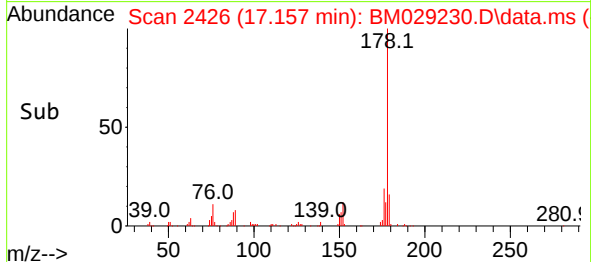
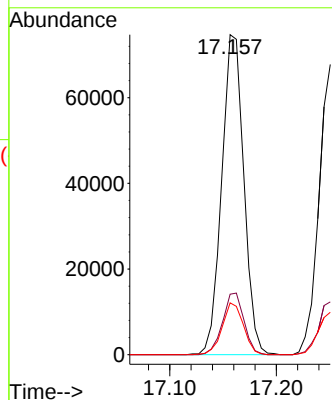
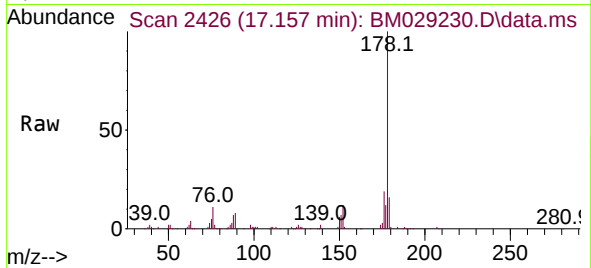
#71
Phenanthrene
Concen: 4.47 ng
RT: 17.157 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:178 Resp: 107839
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 16.2 11.9 17.9

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

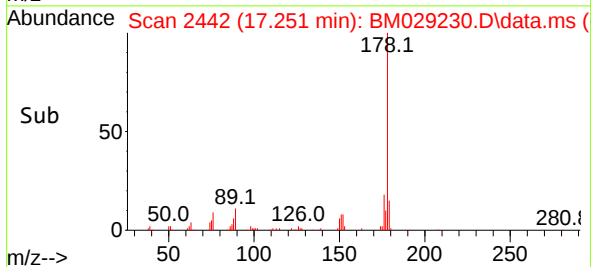
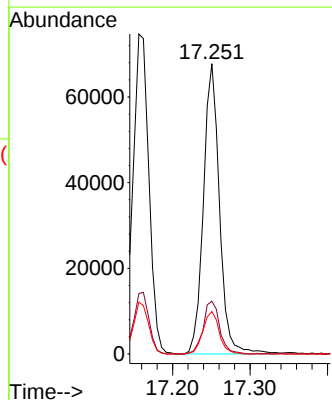
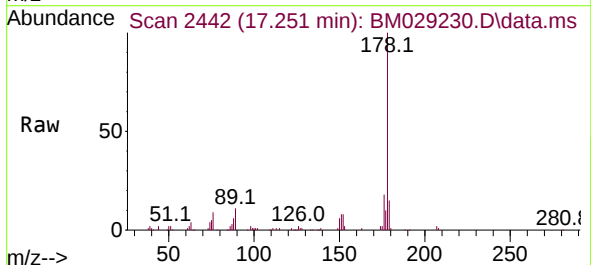
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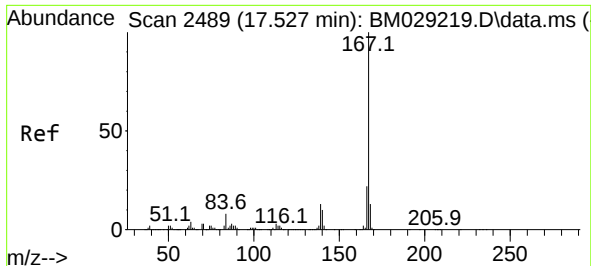
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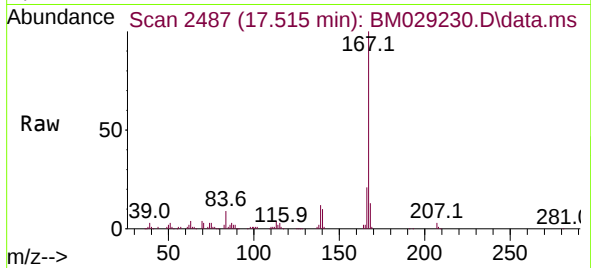
#72
Anthracene
Concen: 4.16 ng
RT: 17.251 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:178 Resp: 97564
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.6 12.1 18.1

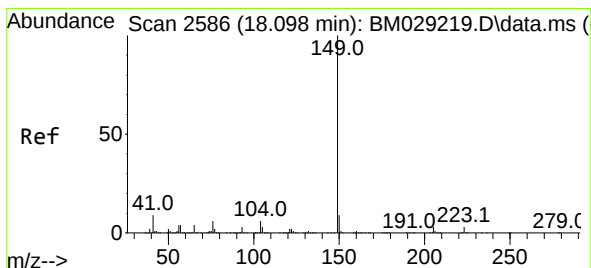
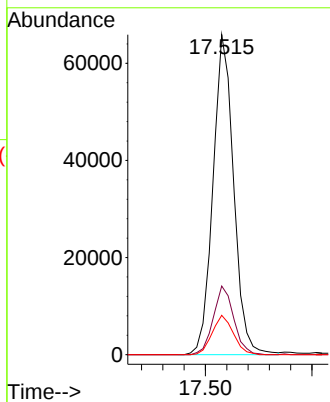
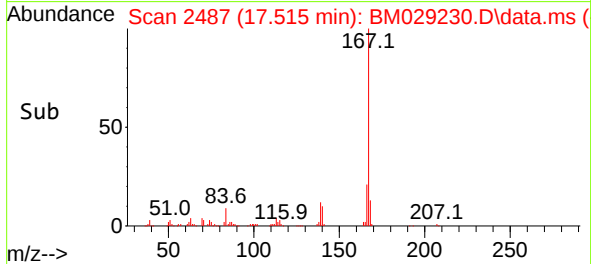




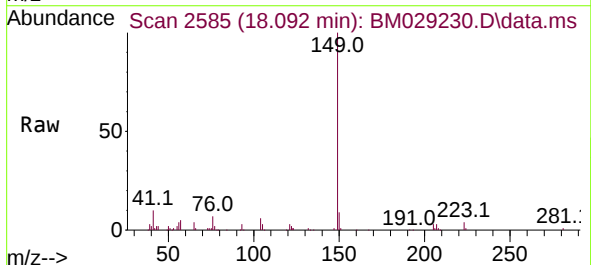
#73
 Carbazole
 Concen: 3.85 ng
 RT: 17.515 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39



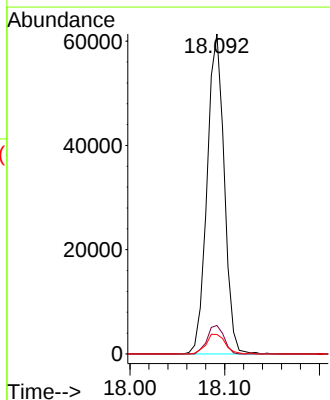
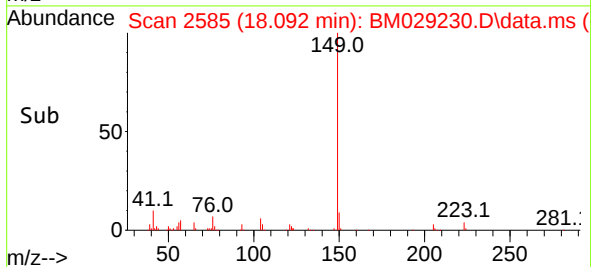
Tgt Ion:167 Resp: 88706
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.3 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 3.47 ng
 RT: 18.092 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39



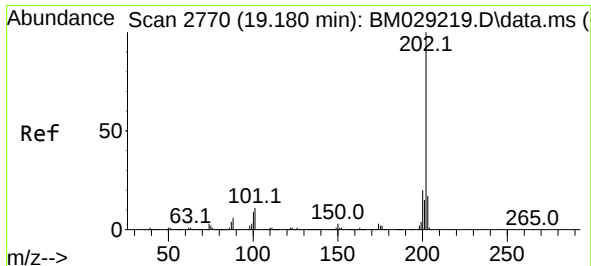
Tgt Ion:149 Resp: 77126
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 6.1 4.6 6.8



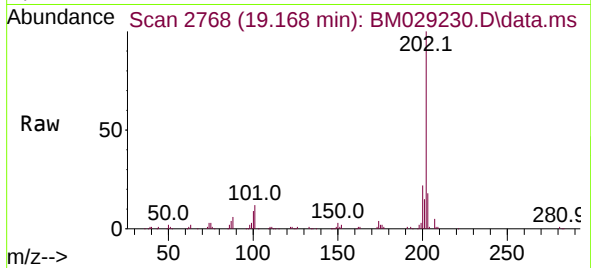
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

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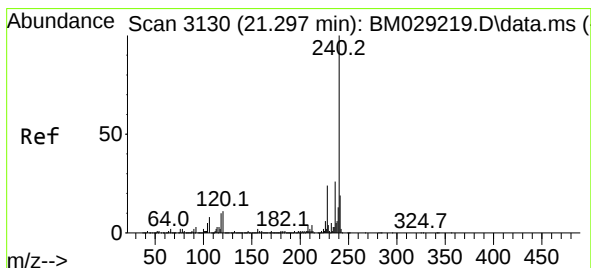
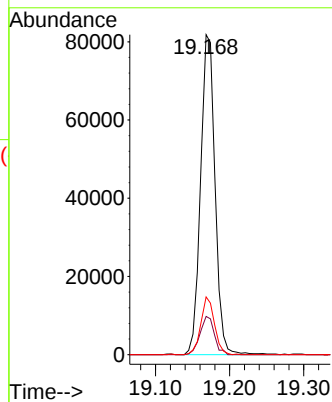
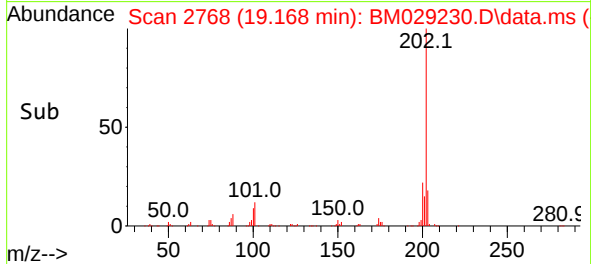
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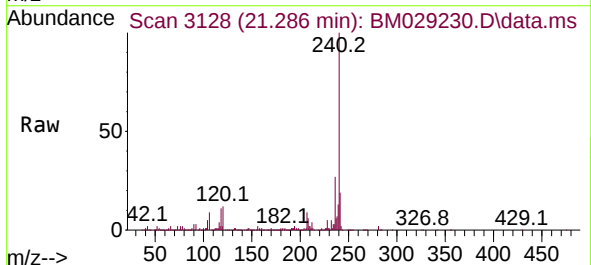
#75
Fluoranthene
Concen: 4.17 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



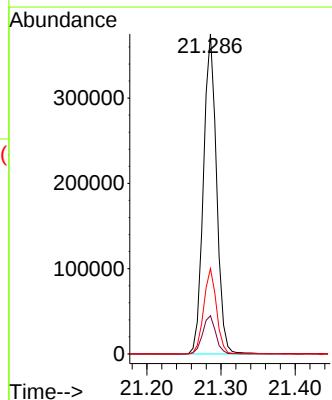
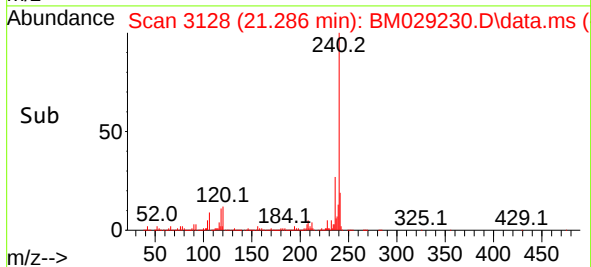
Tgt Ion:202 Resp: 111015
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.5
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



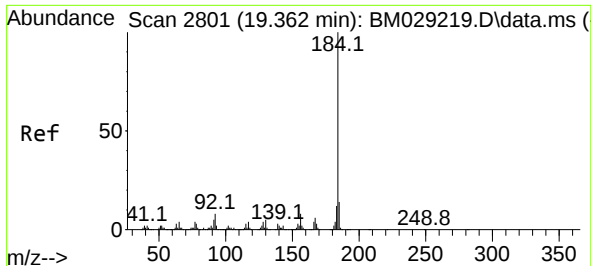
Tgt Ion:240 Resp: 462644
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 26.7 20.3 30.5



Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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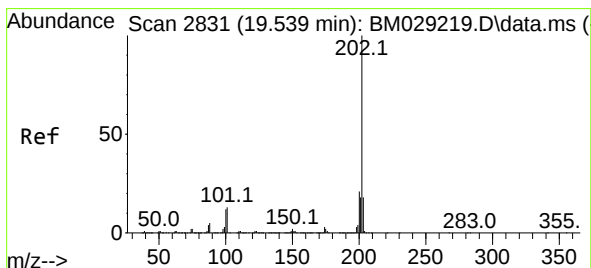
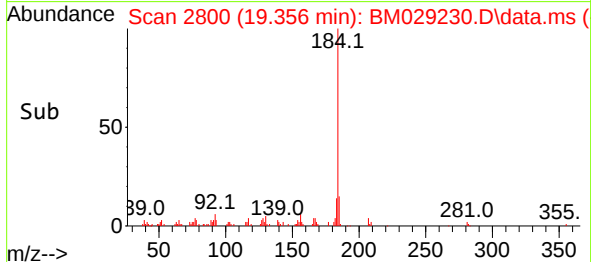
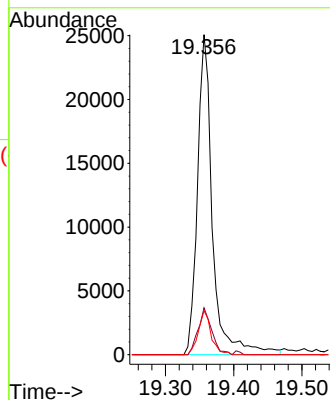
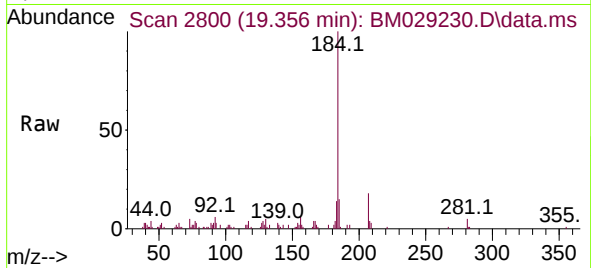
#77
Benzidine
Concen: 2.86 ng
RT: 19.356 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	184	Resp:	38173
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.3	16.9
183	13.8	9.8	14.6

Instrument :
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ClientSampleId :
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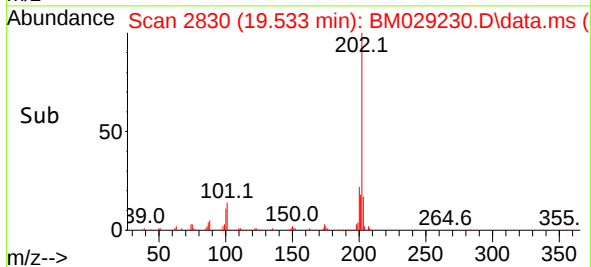
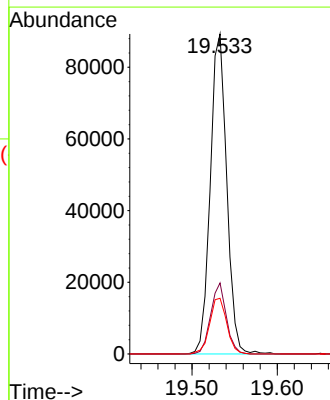
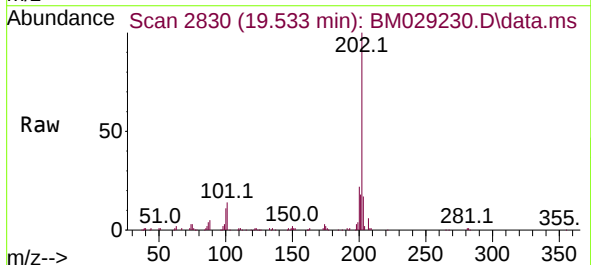
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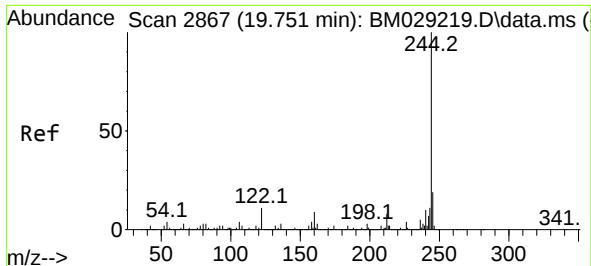
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#78
Pyrene
Concen: 3.83 ng
RT: 19.533 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	202	Resp:	119985
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.0	25.6
203	17.4	14.1	21.1





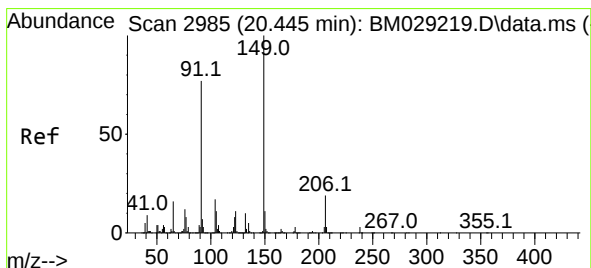
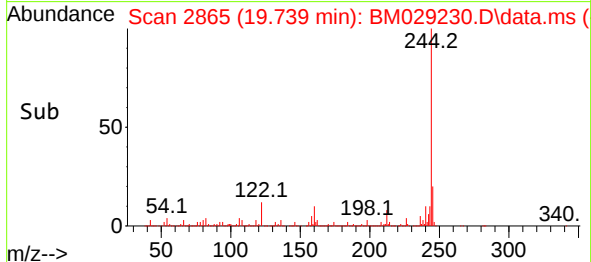
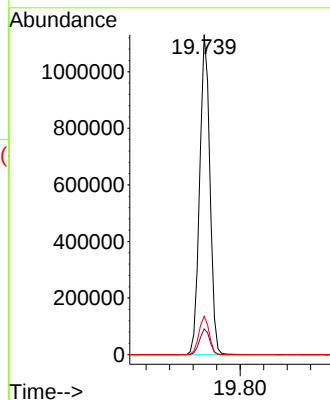
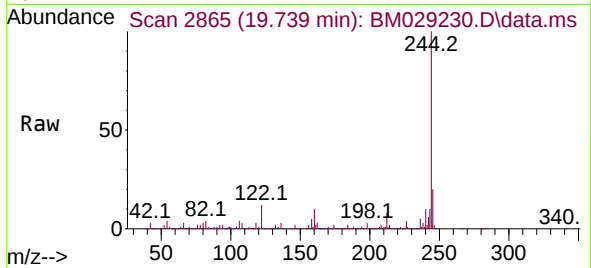
#79
Terphenyl-d14
Concen: 59.39 ng
RT: 19.739 min Scan# 2865
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:244 Resp: 1367706
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 12.0 9.2 13.8

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

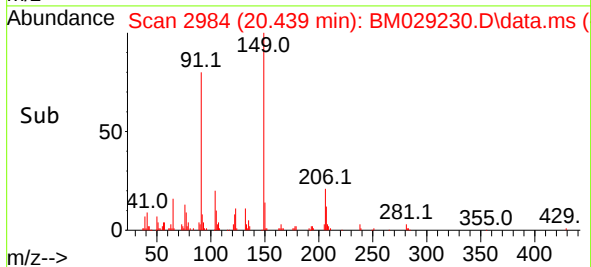
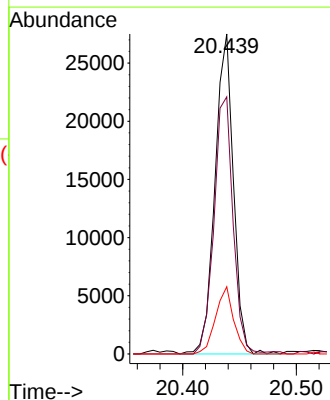
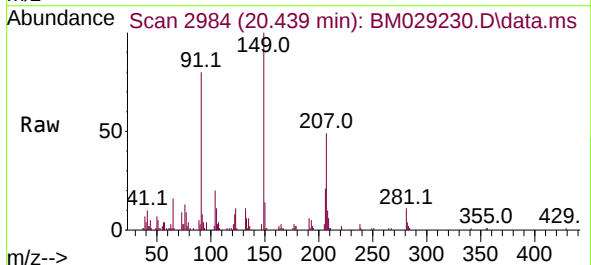
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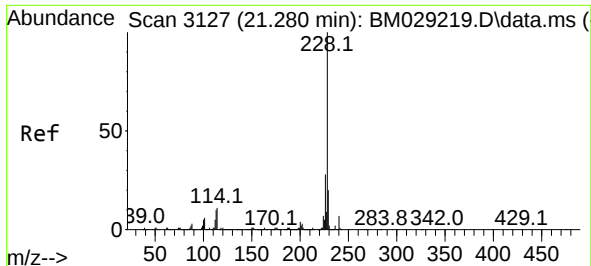
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#80
Butylbenzylphthalate
Concen: 2.93 ng
RT: 20.439 min Scan# 2984
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:149 Resp: 31020
Ion Ratio Lower Upper
149 100
91 80.4 60.5 90.7
206 21.0 15.7 23.5





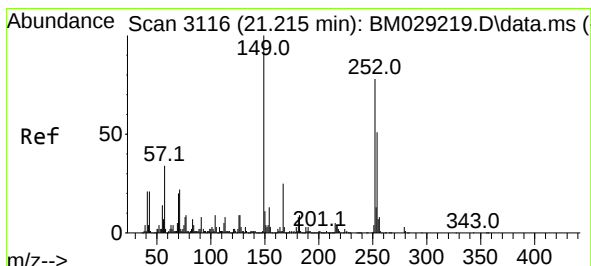
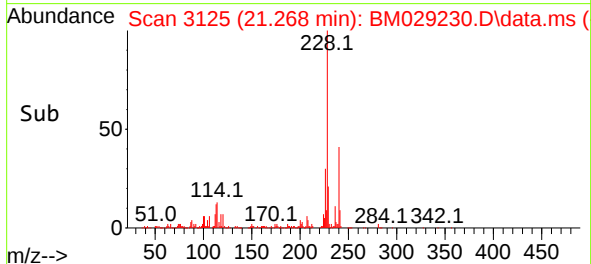
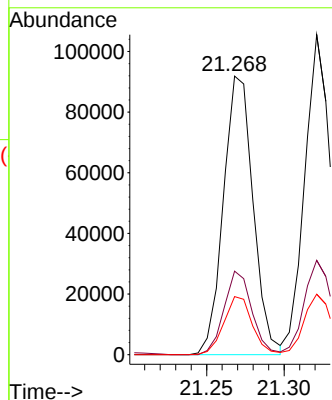
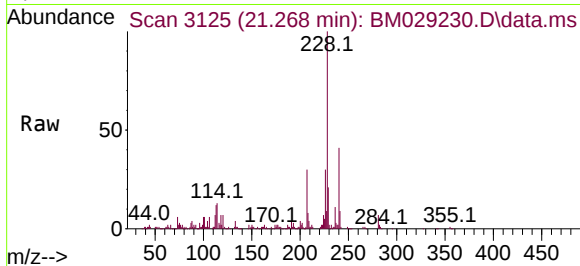
#81
Benzo(a)anthracene
Concen: 4.07 ng
RT: 21.268 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:228 Resp: 122859
Ion Ratio Lower Upper
228 100
226 30.0 21.9 32.9
229 20.8 15.7 23.5

Instrument :
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ClientSampleId :
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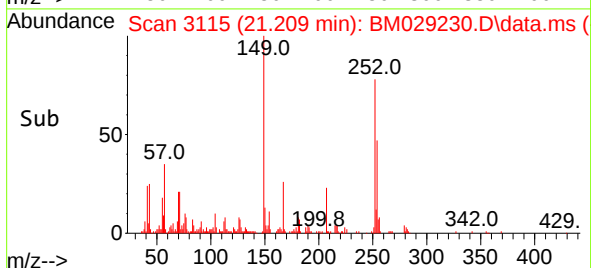
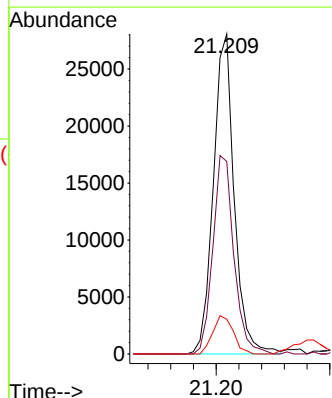
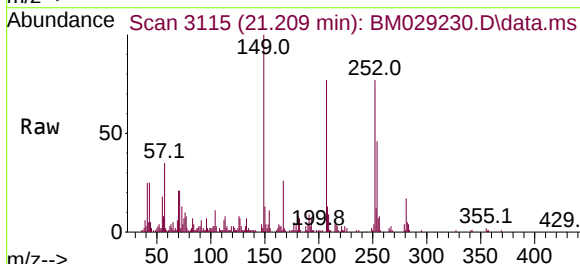
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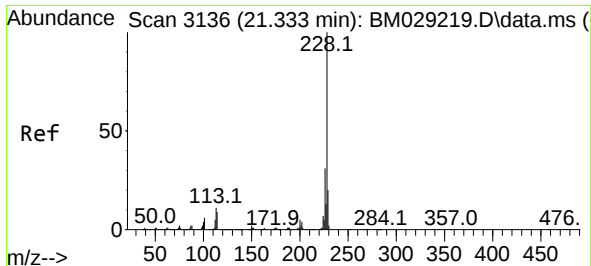
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#82
3,3'-Dichlorobenzidine
Concen: 3.96 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

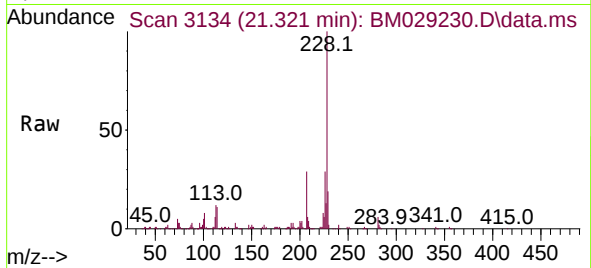
Tgt Ion:252 Resp: 35757
Ion Ratio Lower Upper
252 100
254 60.2 52.6 78.8
126 10.9 10.8 16.2





#83
Chrysene
Concen: 4.16 ng
RT: 21.321 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

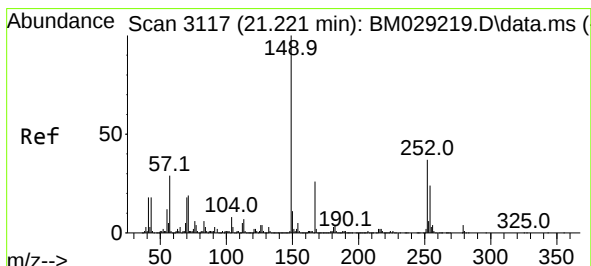
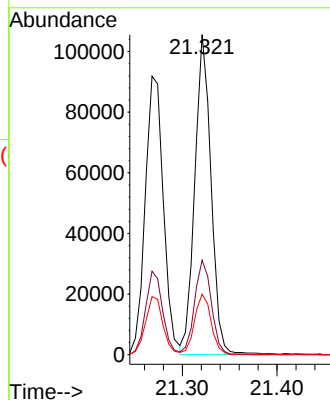
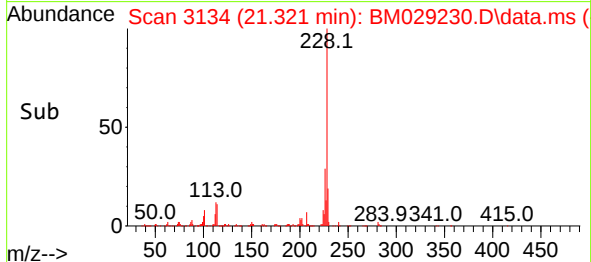
Instrument :
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ClientSampleId :
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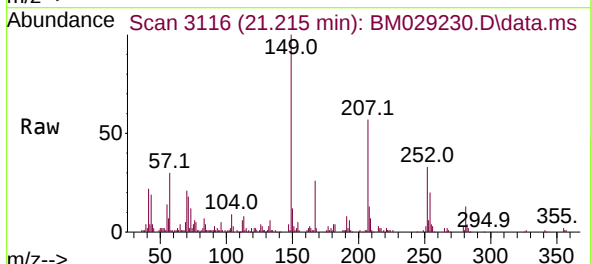
Tgt Ion:228 Resp: 125654
Ion Ratio Lower Upper
228 100
226 29.5 24.7 37.1
229 18.9 15.8 23.6

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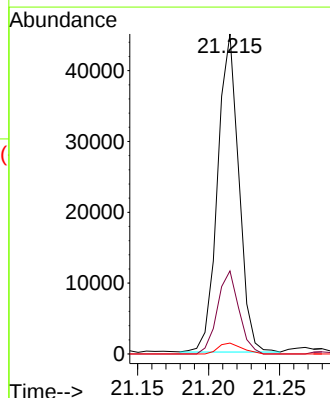
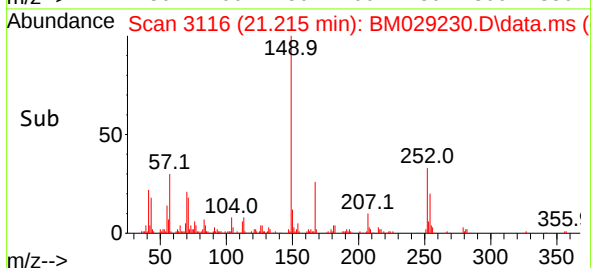
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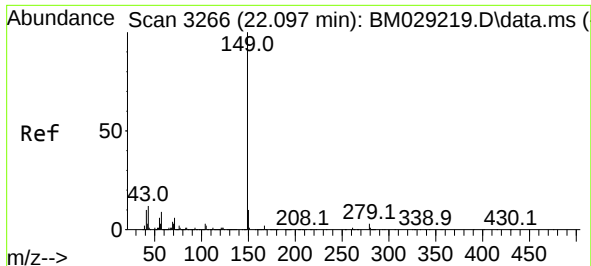


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.07 ng
RT: 21.215 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



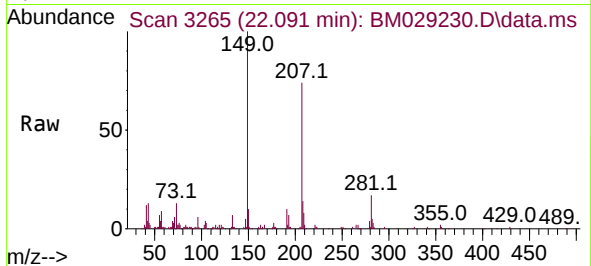
Tgt Ion:149 Resp: 46641
Ion Ratio Lower Upper
149 100
167 25.9 20.6 31.0
279 3.4 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 3.16 ng
RT: 22.091 min Scan# 3265
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

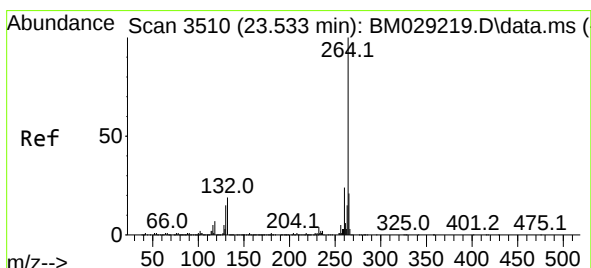
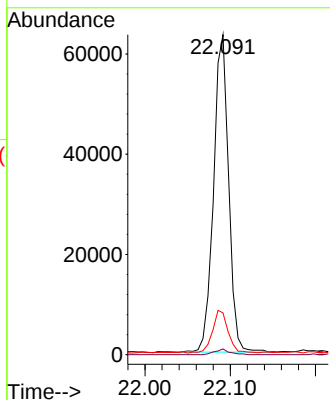
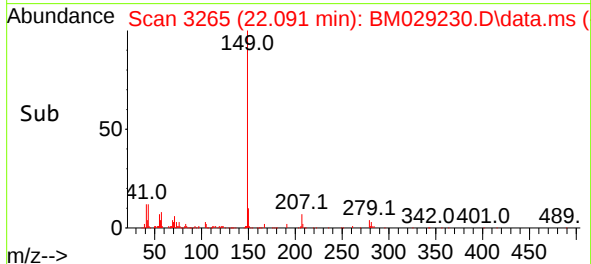
Instrument :
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ClientSampleId :
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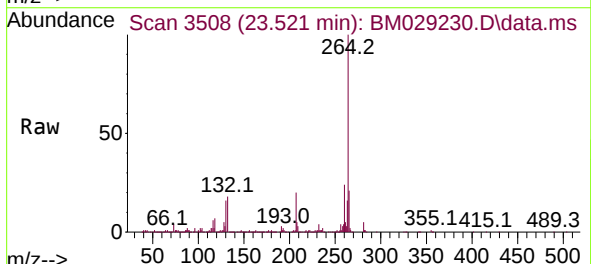
Tgt Ion:149 Resp: 77825
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.0 9.8 14.6

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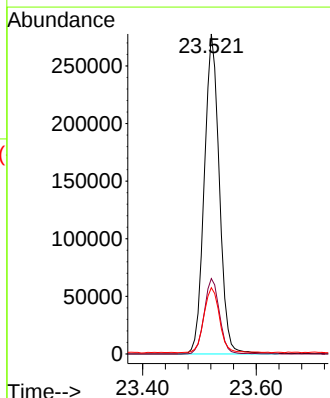
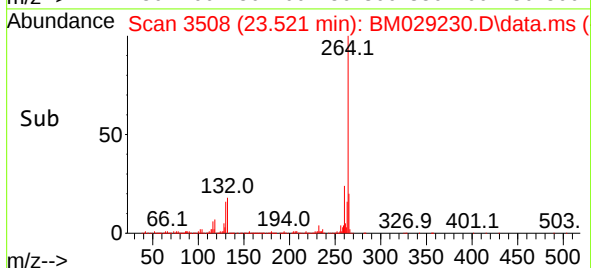
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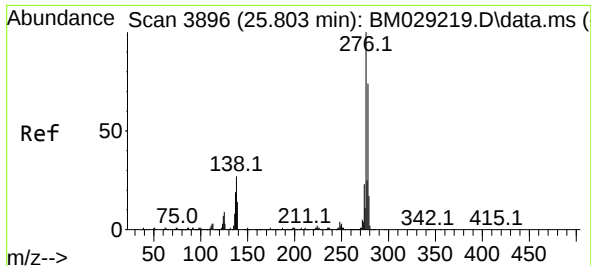


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



Tgt Ion:264 Resp: 509706
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 20.7 17.8 26.8





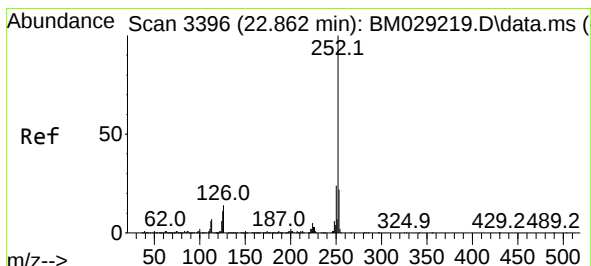
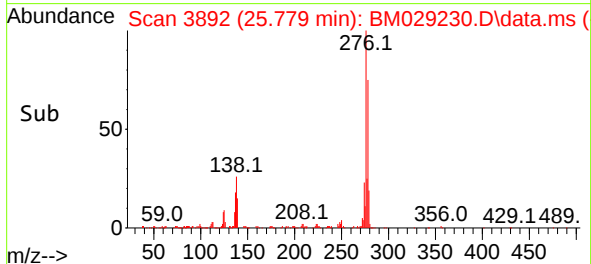
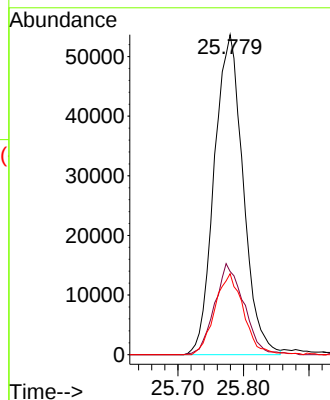
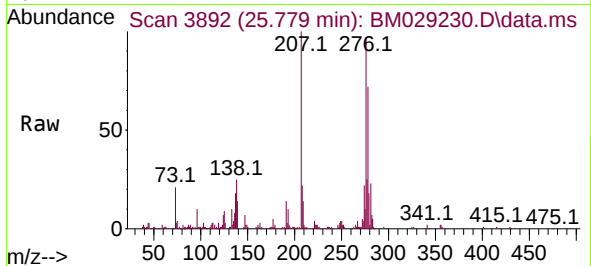
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.40 ng
RT: 25.779 min Scan# 3892
Delta R.T. -0.024 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	276	Resp:	163889
Ion Ratio	Lower	Upper	
276	100		
138	28.8	22.6	34.0
277	25.4	20.2	30.4

Instrument :
BNA_M
ClientSampleId :
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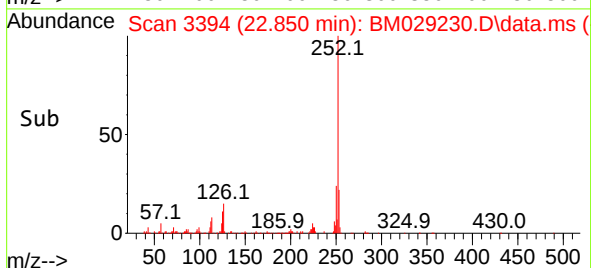
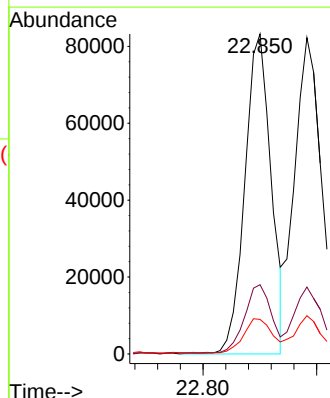
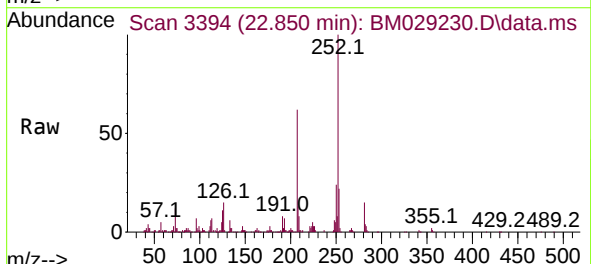
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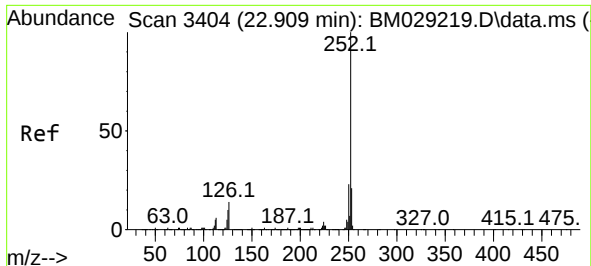
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#88
Benzo(b)fluoranthene
Concen: 4.03 ng
RT: 22.850 min Scan# 3394
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	252	Resp:	133491
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	10.8	9.0	13.4





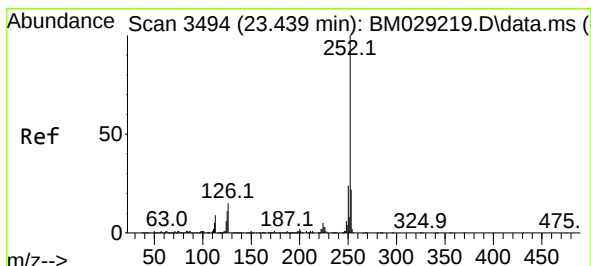
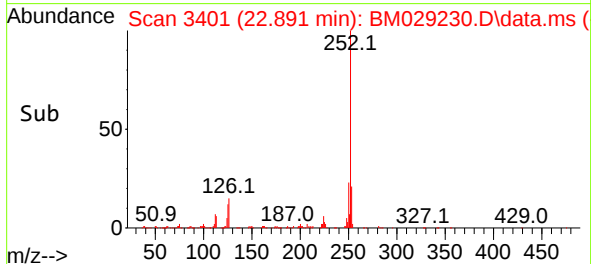
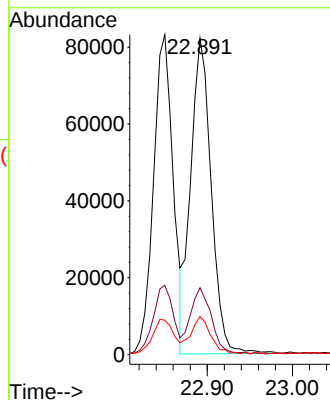
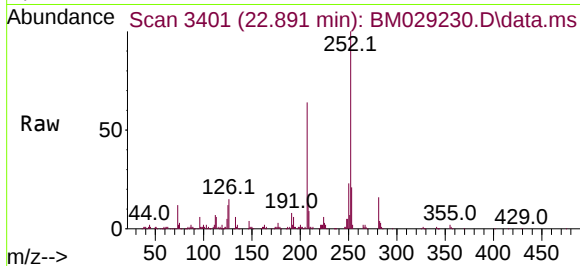
#89
Benzo(k)fluoranthene
Concen: 4.28 ng
RT: 22.891 min Scan# 3401
Delta R.T. -0.018 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:252 Resp: 137769
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 12.1 8.7 13.1

Instrument :
BNA_M
ClientSampleId :
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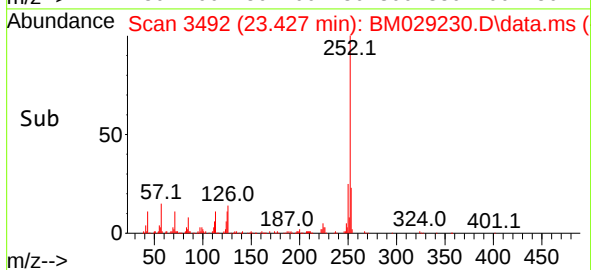
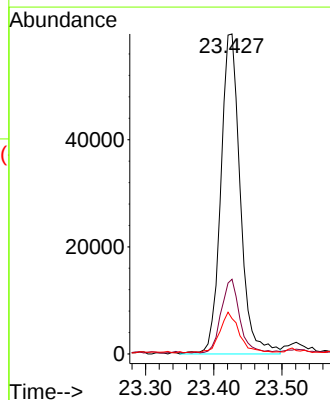
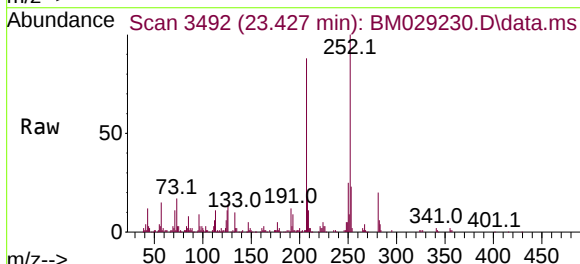
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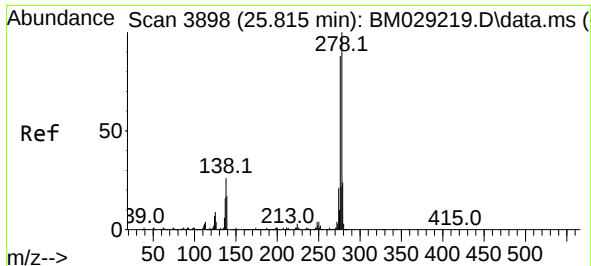
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#90
Benzo(a)pyrene
Concen: 3.96 ng
RT: 23.427 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:252 Resp: 118931
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 11.0 9.5 14.3





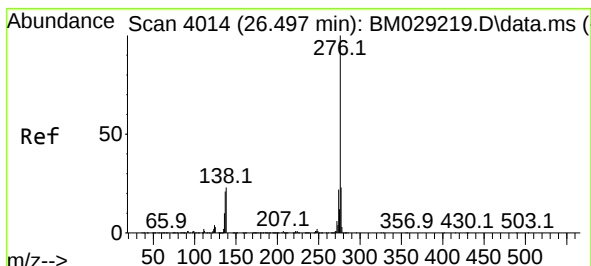
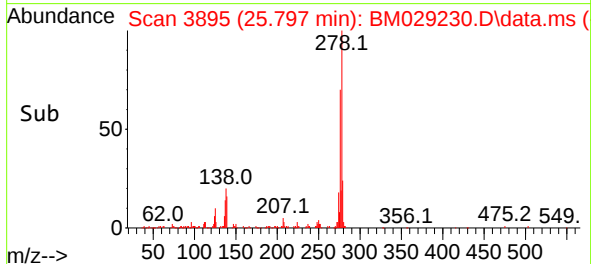
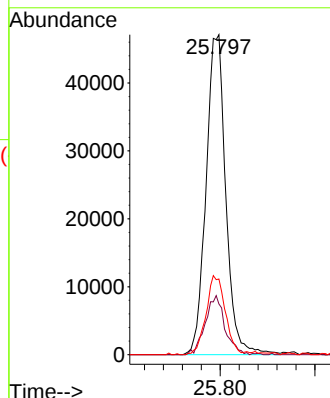
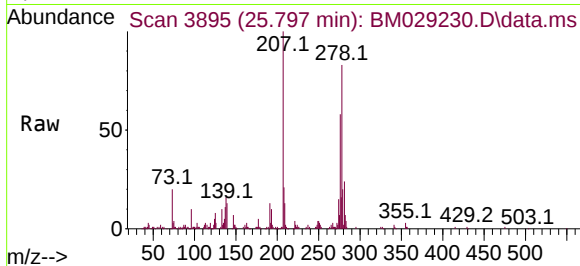
#91
Dibenzo(a,h)anthracene
Concen: 4.27 ng
RT: 25.797 min Scan# 3895
Delta R.T. -0.018 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	278	Resp:	136336
Ion Ratio	Lower	Upper	
278	100		
139	15.8	14.8	22.2
279	23.6	19.3	28.9

Instrument :
BNA_M
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 4.34 ng
RT: 26.468 min Scan# 4009
Delta R.T. -0.029 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	276	Resp:	135682
Ion Ratio	Lower	Upper	
276	100		
277	21.1	18.7	28.1
138	23.8	19.0	28.4

