

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029252.D
 Acq On : 29 Mar 2021 19:56
 Operator : CG/JU
 Sample : M1770-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-103S

Quant Time: Mar 30 05:14:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

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

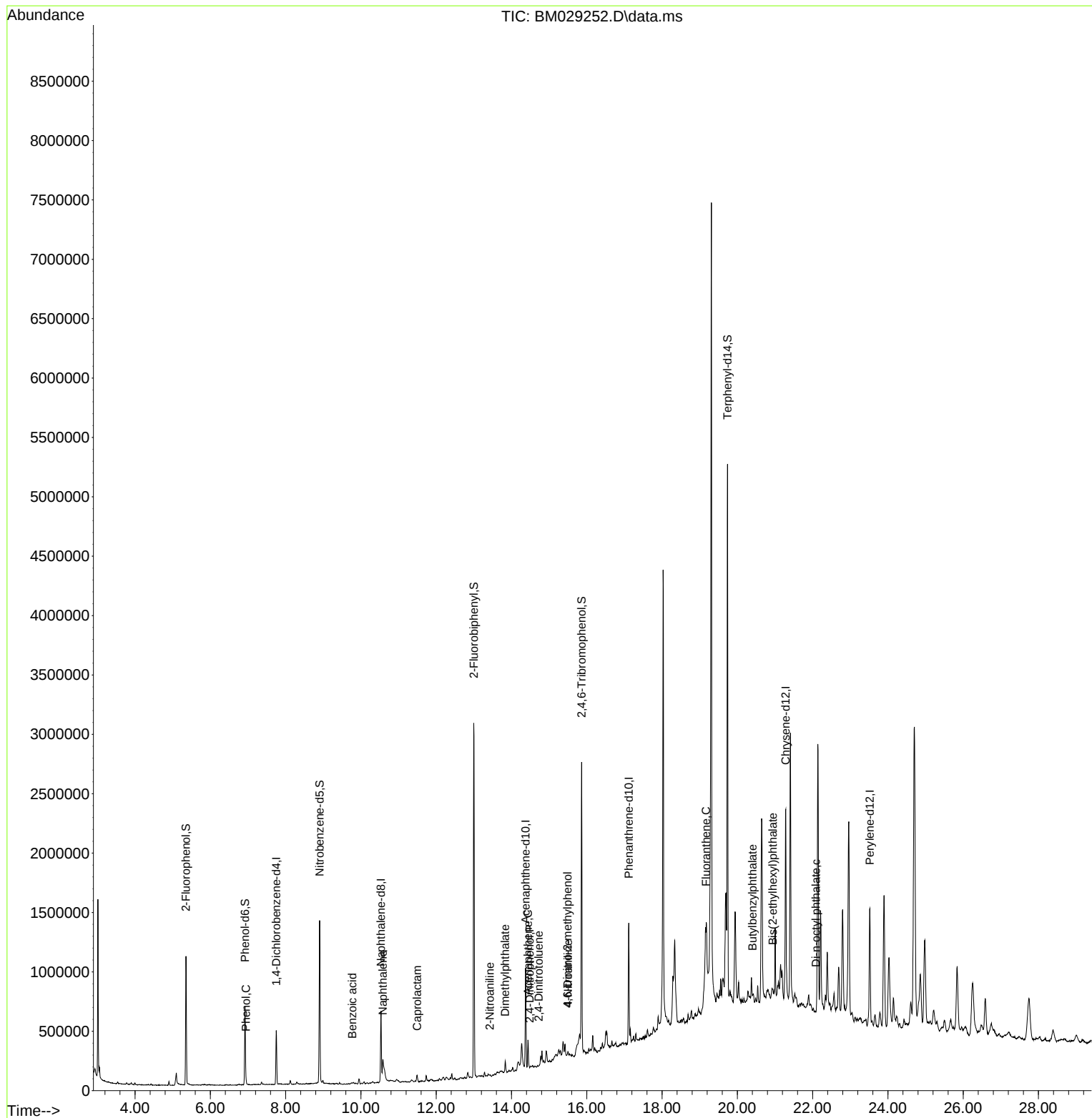
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	108553	20.00	ng	0.00
21) Naphthalene-d8	10.534	136	440547	20.00	ng	0.00
39) Acenaphthene-d10	14.375	164	267558	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	545895	20.00	ng	0.00
76) Chrysene-d12	21.286	240	555500	20.00	ng	0.00
86) Perylene-d12	23.515	264	621319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	380156	60.37	ng	0.00
7) Phenol-d6	6.922	99	310623	34.37	ng	0.00
23) Nitrobenzene-d5	8.904	82	754549	83.16	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	324922	131.14	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1446634	76.69	ng	0.00
79) Terphenyl-d14	19.739	244	1723880	62.34	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.946	94	18330	2.05	ng	94
31) Naphthalene	10.581	128	98517	4.24	ng	98
32) Benzoic acid	9.775	122	2581	5.06	ng	90
35) Caprolactam	11.492	113	10008	9.03	ng	# 70
48) 2-Nitroaniline	13.428	65	1085	3.47	ng	# 37
50) Dimethylphthalate	13.834	163	50911	2.72	ng	# 90
52) Acenaphthene	14.439	154	70877	4.58	ng	97
54) 2,4-Dinitrophenol	14.486	184	120	6.78	ng	# 1
57) 2,4-Dinitrotoluene	14.722	165	781	3.29	ng	# 72
62) 4-Nitroaniline	15.504	138	1865	3.94	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	71	5.36	ng	# 1
75) Fluoranthene	19.168	202	81847	2.34	ng	92
80) Butylbenzylphthalate	20.404	149	5118	3.91	ng	# 1
84) Bis(2-ethylhexyl)phtha...	20.945	149	8608	3.95	ng	95
85) Di-n-octyl phthalate	22.092	149	1117	4.09	ng	# 65

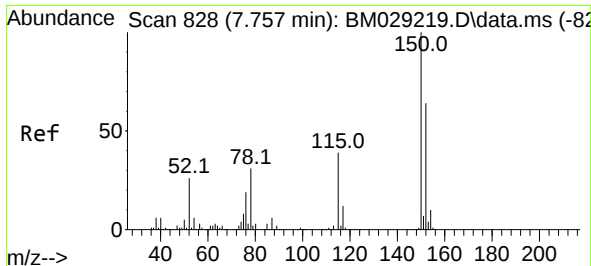
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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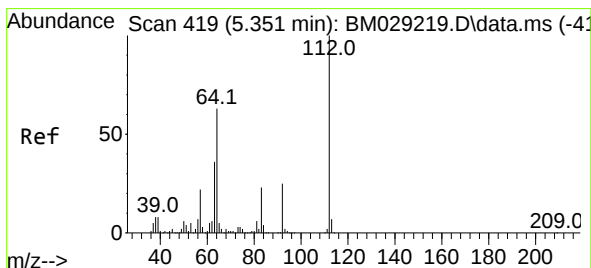
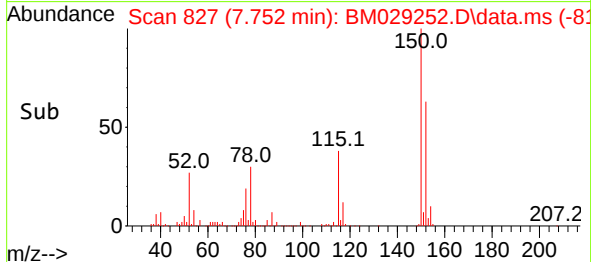
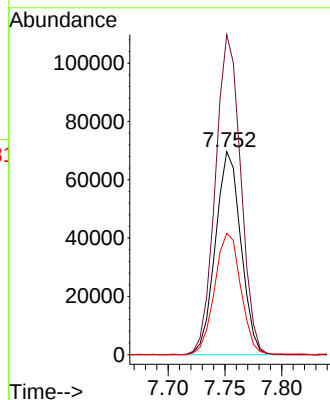
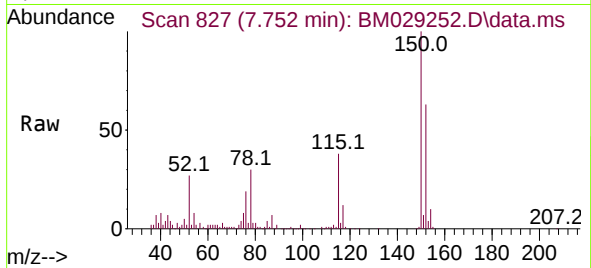




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.752 min Scan# 827
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

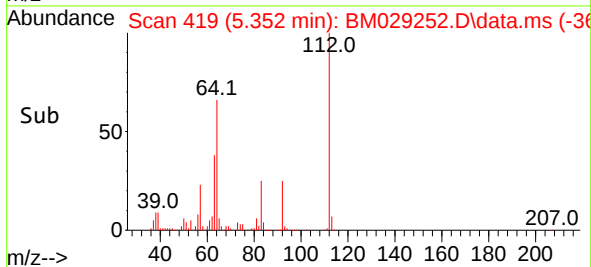
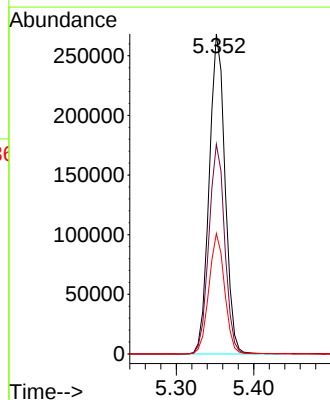
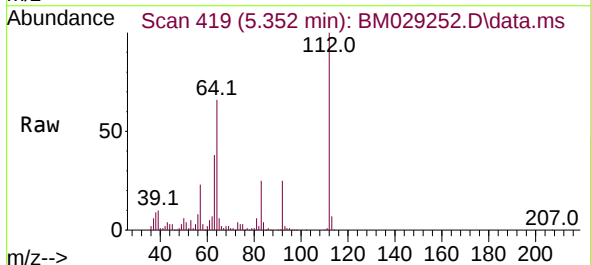
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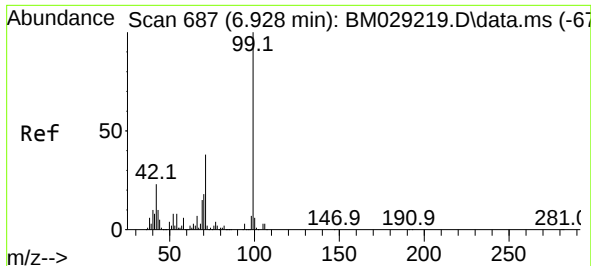
Tgt Ion:152 Resp: 108553
Ion Ratio Lower Upper
152 100
150 157.5 124.3 186.5
115 59.8 46.4 69.6



#5
2-Fluorophenol
Concen: 60.37 ng
RT: 5.352 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:112 Resp: 380156
Ion Ratio Lower Upper
112 100
64 65.5 51.6 77.4
63 37.7 29.0 43.4

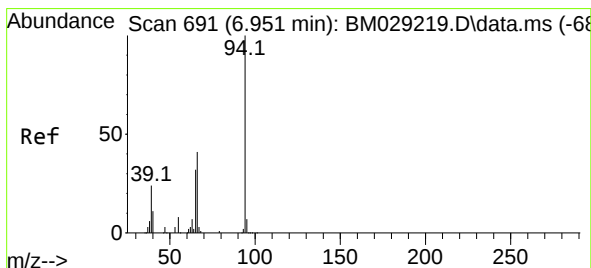
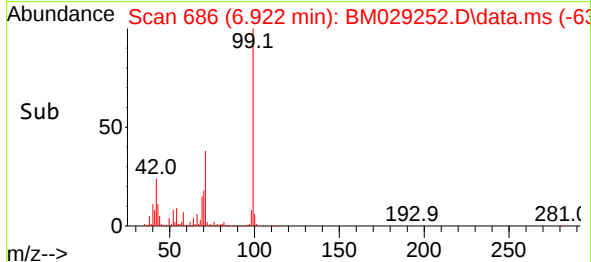
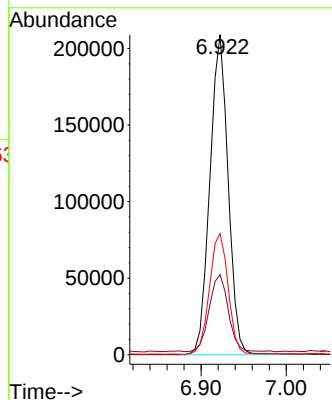
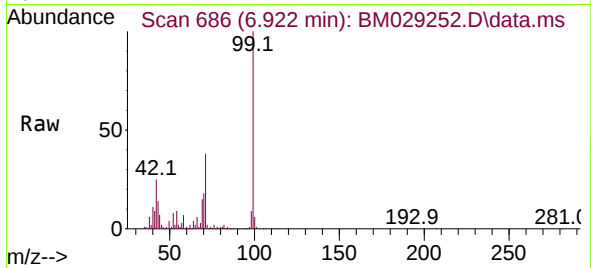




#7
Phenol-d6
Concen: 34.37 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

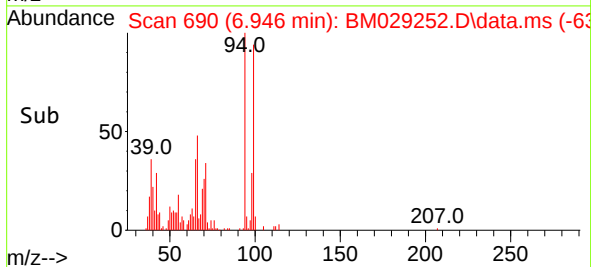
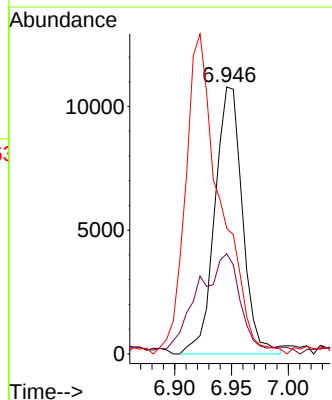
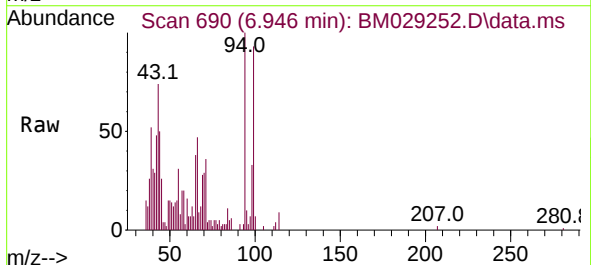
Instrument :
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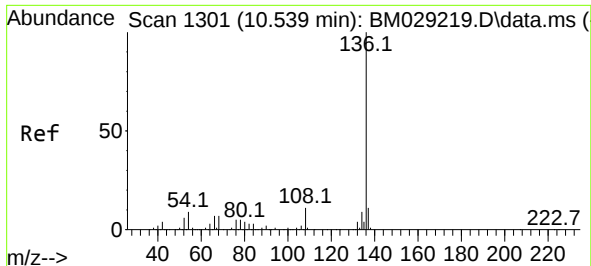
Tgt Ion: 99 Resp: 310623
Ion Ratio Lower Upper
99 100
42 25.0 18.5 27.7
71 37.9 31.8 47.6



#10
Phenol
Concen: 2.05 ng
RT: 6.946 min Scan# 690
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion: 94 Resp: 18330
Ion Ratio Lower Upper
94 100
65 37.5 13.0 53.0
66 47.1 24.1 64.1

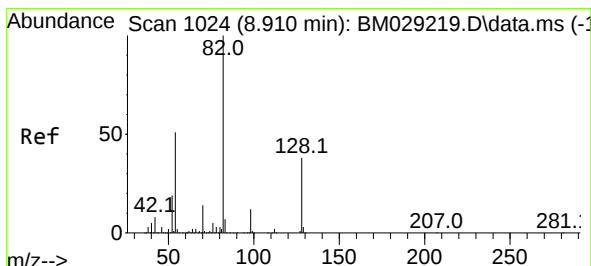
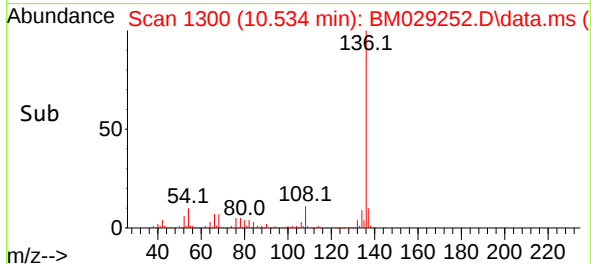
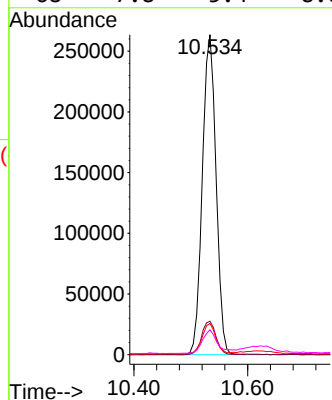
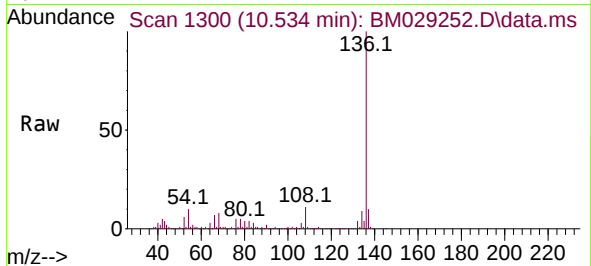




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.534 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

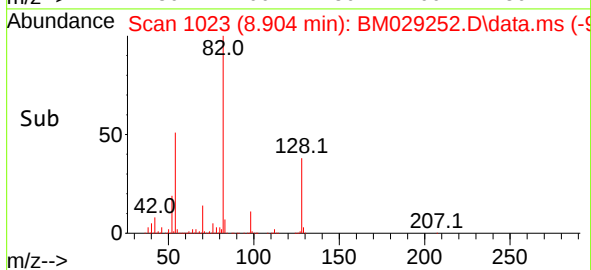
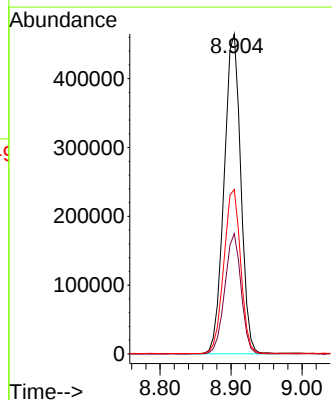
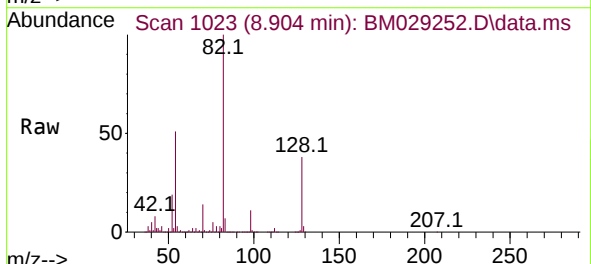
Instrument :
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ClientSampleId :
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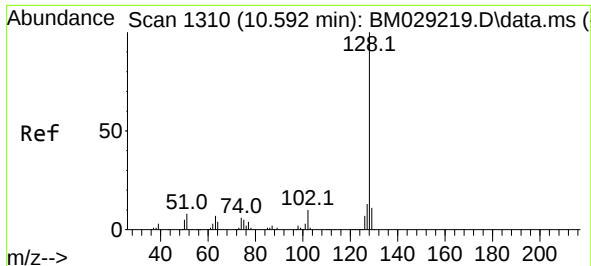
Tgt Ion:	136	Resp:	440547
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.3	13.9
54	9.8	6.9	10.3
68	7.8	5.4	8.0



#23
Nitrobenzene-d5
Concen: 83.16 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:	82	Resp:	754549
Ion Ratio	Lower	Upper	
82	100		
128	37.6	28.6	42.8
54	51.4	40.7	61.1

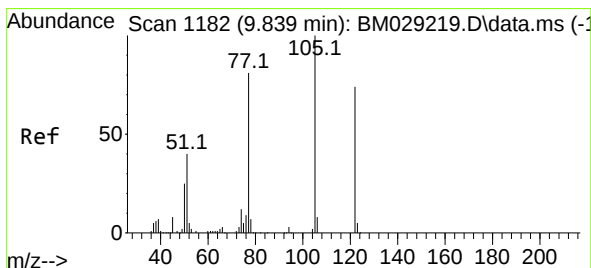
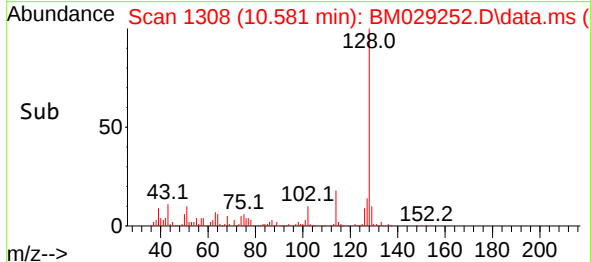
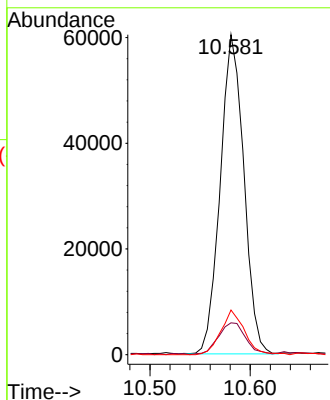
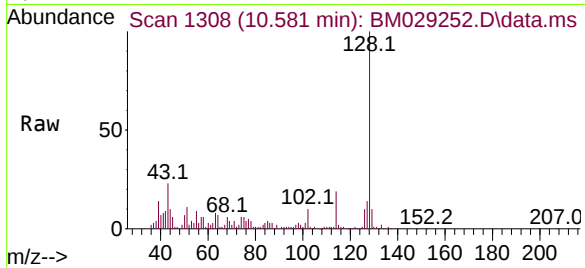




#31
Naphthalene
Concen: 4.24 ng
RT: 10.581 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

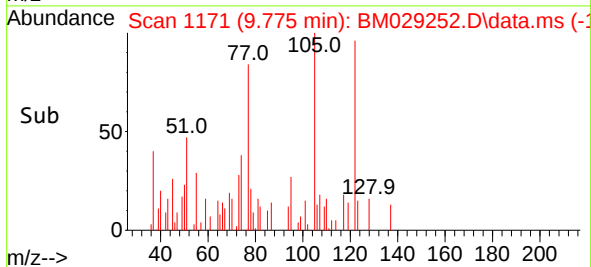
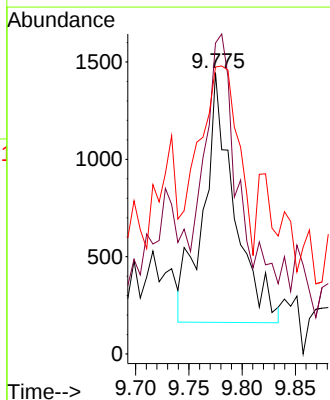
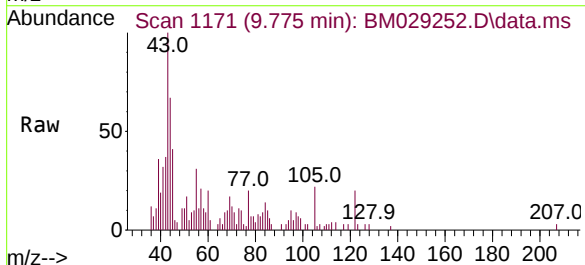
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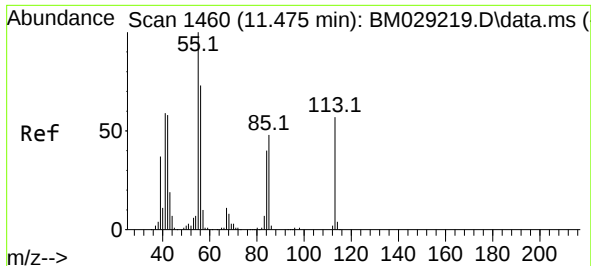
Tgt Ion:128 Resp: 98517
Ion Ratio Lower Upper
128 100
129 9.9 9.0 13.6
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 5.06 ng
RT: 9.775 min Scan# 1171
Delta R.T. -0.053 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:122 Resp: 2581
Ion Ratio Lower Upper
122 100
105 110.5 108.2 148.2
77 102.0 86.0 126.0

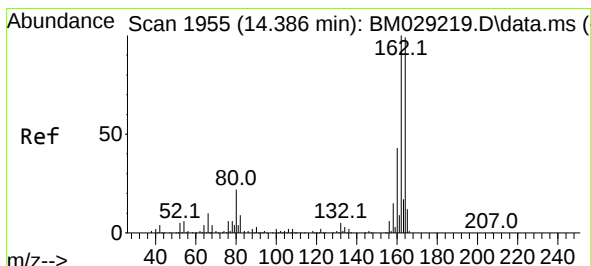
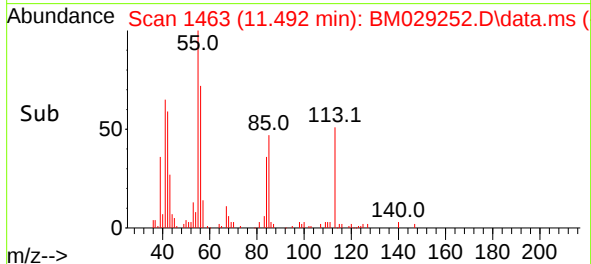
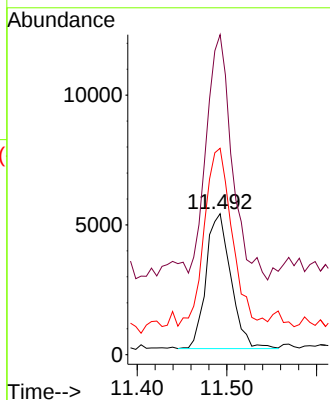
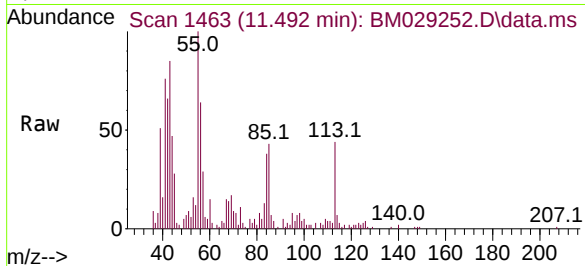




#35
Caprolactam
Concen: 9.03 ng
RT: 11.492 min Scan# 1463
Delta R.T. 0.029 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

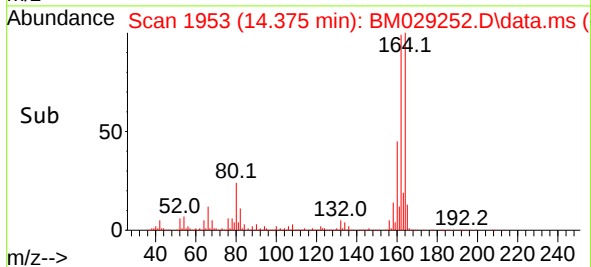
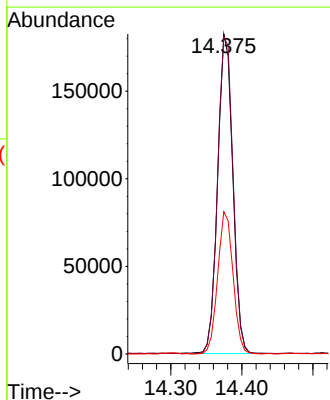
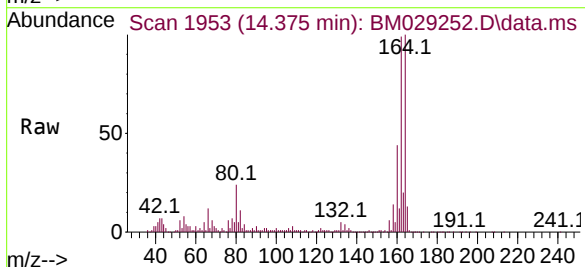
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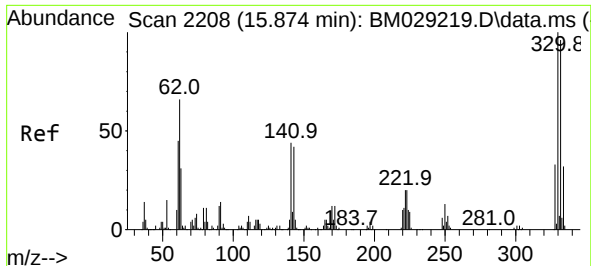
Tgt Ion:113 Resp: 10008
Ion Ratio Lower Upper
113 100
55 227.1 149.4 189.4#
56 146.5 110.8 150.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.375 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:164 Resp: 267558
Ion Ratio Lower Upper
164 100
162 99.4 84.4 126.6
160 44.4 36.6 54.8

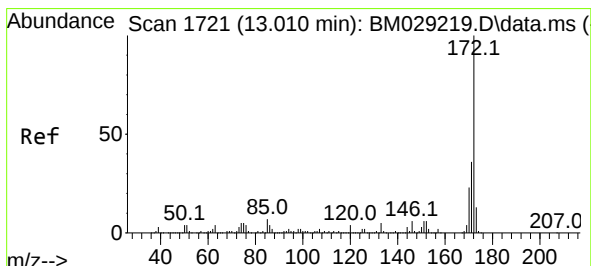
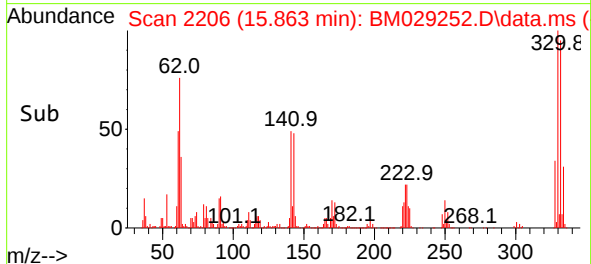
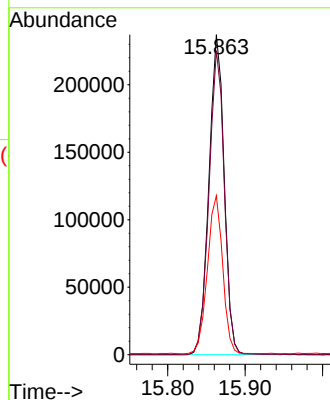
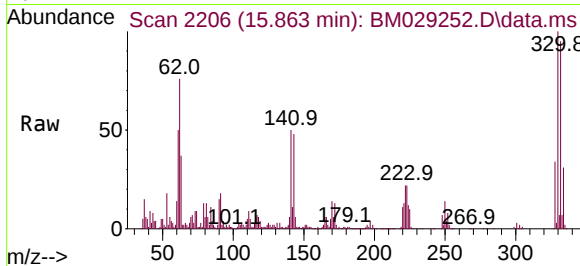




#42
2,4,6-Tribromophenol
Concen: 131.14 ng
RT: 15.863 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

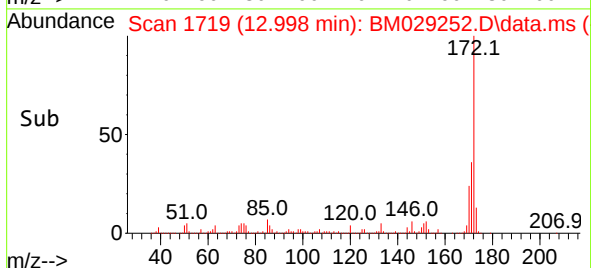
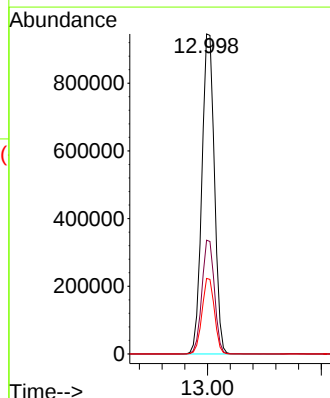
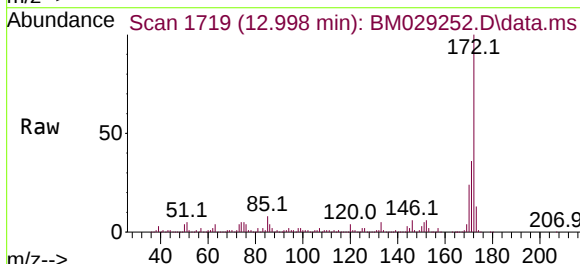
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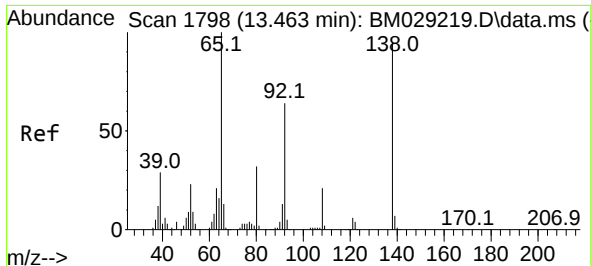
Tgt Ion:330 Resp: 324922
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 49.4 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 76.69 ng
RT: 12.998 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:172 Resp: 1446634
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.6 18.8 28.2

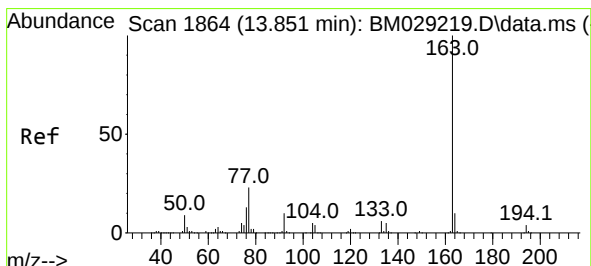
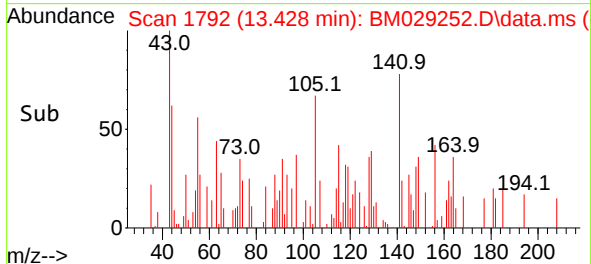
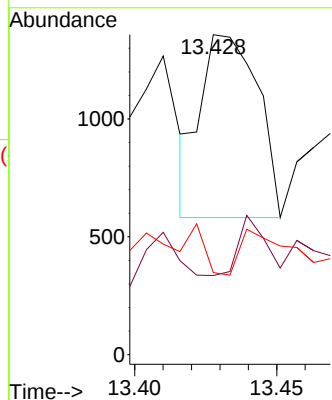
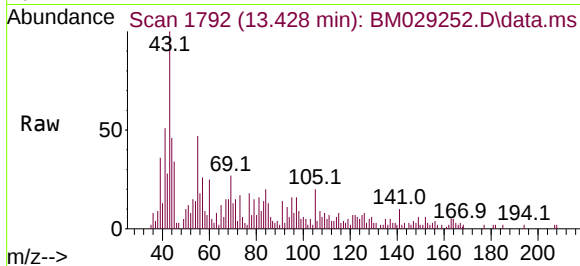




#48
2-Nitroaniline
Concen: 3.47 ng
RT: 13.428 min Scan# 1792
Delta R.T. -0.024 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

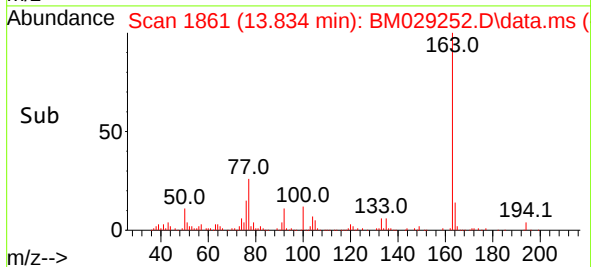
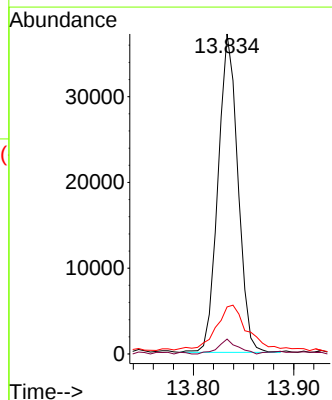
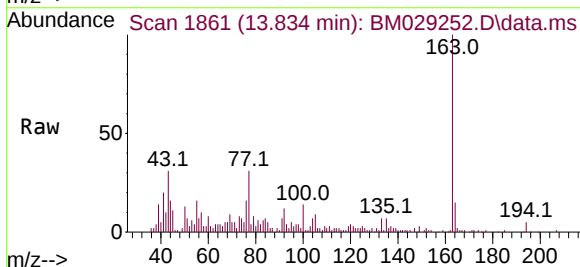
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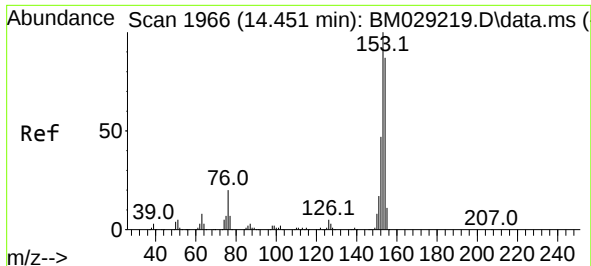
Tgt Ion: 65 Resp: 1085
Ion Ratio Lower Upper
65 100
92 24.7 52.4 78.6#
138 25.6 75.0 112.6#



#50
Dimethylphthalate
Concen: 2.72 ng
RT: 13.834 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:163 Resp: 50911
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 14.7 7.9 11.9#

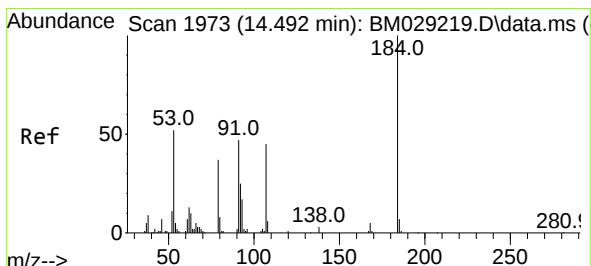
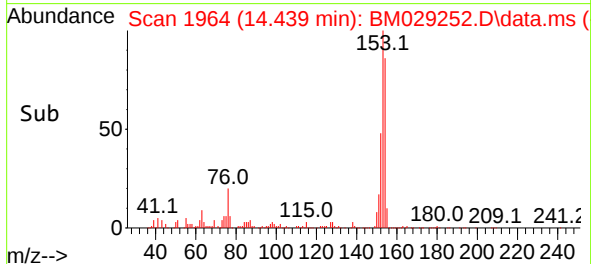
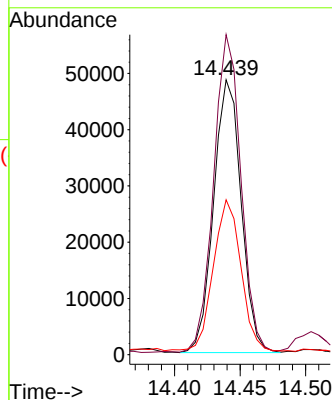
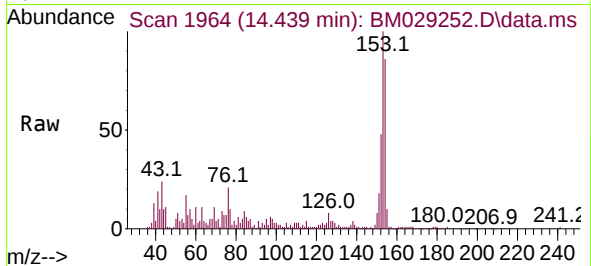




#52
Acenaphthene
Concen: 4.58 ng
RT: 14.439 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

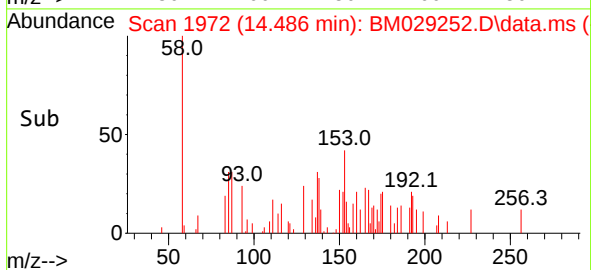
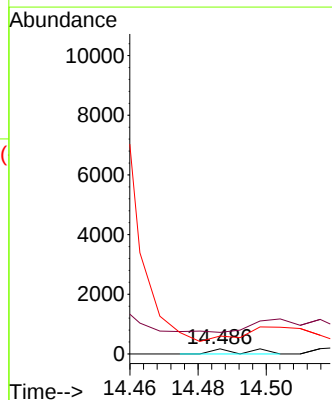
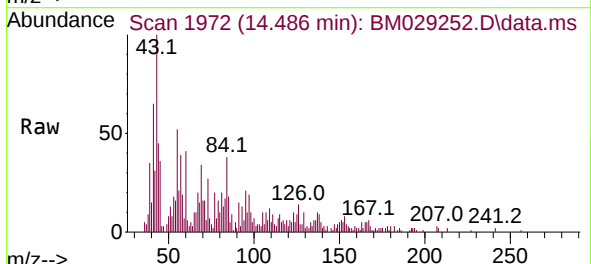
Instrument :
BNA_M
ClientSampleId :
MW-103S

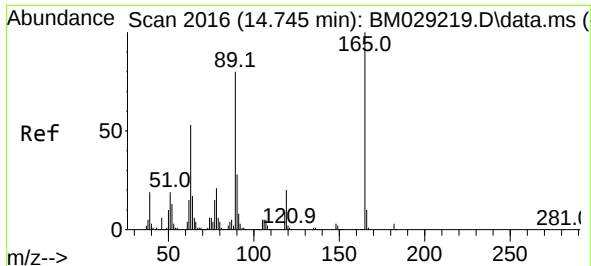
Tgt Ion:154 Resp: 70877
Ion Ratio Lower Upper
154 100
153 116.4 90.5 135.7
152 56.3 43.4 65.2



#54
2,4-Dinitrophenol
Concen: 6.78 ng
RT: 14.486 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 426.5 61.9 92.9#
154 352.4 52.3 78.5#

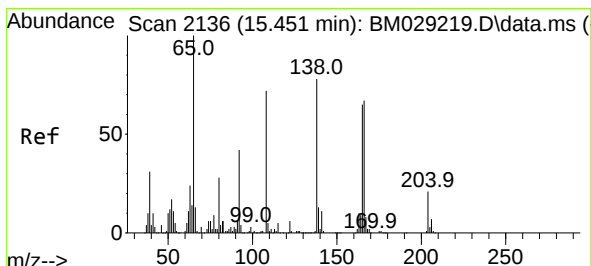
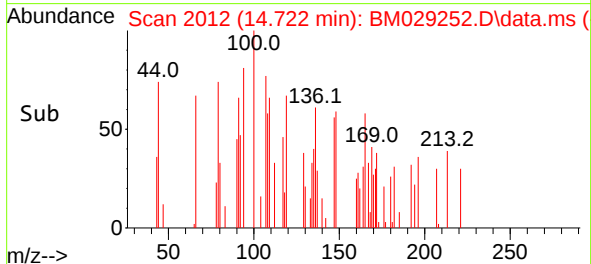
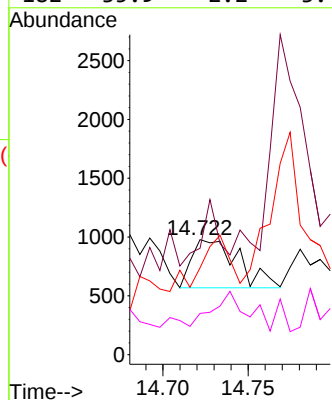
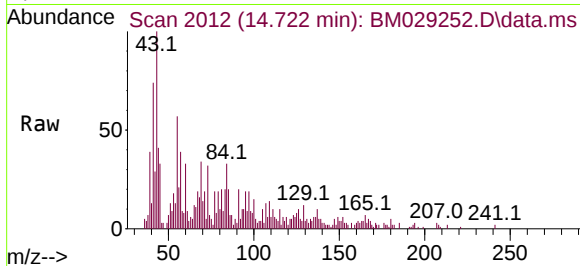




#57
2,4-Dinitrotoluene
Concen: 3.29 ng
RT: 14.722 min Scan# 2012
Delta R.T. -0.018 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

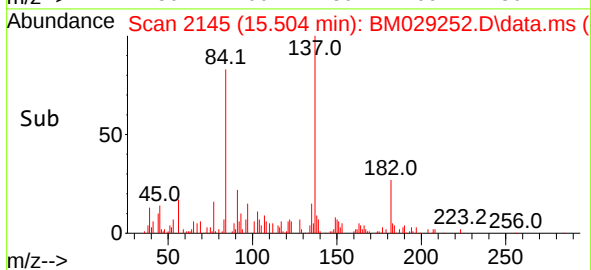
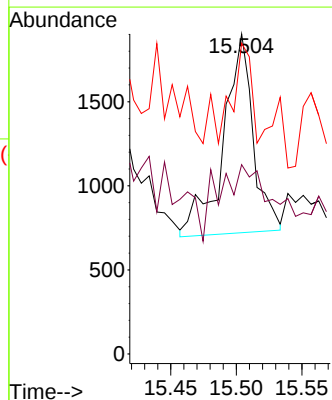
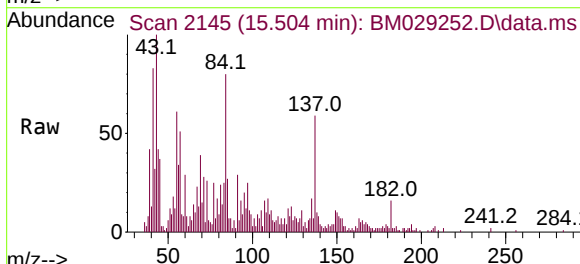
Instrument :
BNA_M
ClientSampled :
MW-103S

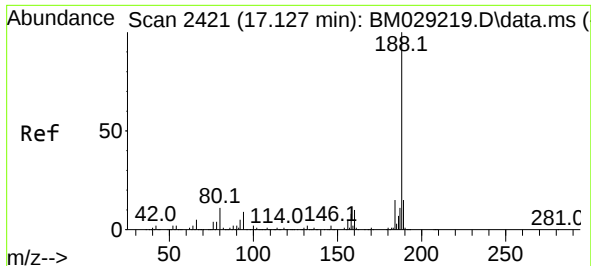
Tgt Ion:165 Resp: 781
Ion Ratio Lower Upper
165 100
63 92.4 42.2 63.4#
89 75.5 65.6 98.4
182 35.9 2.2 3.4#



#62
4-Nitroaniline
Concen: 3.94 ng
RT: 15.504 min Scan# 2145
Delta R.T. 0.065 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:138 Resp: 1865
Ion Ratio Lower Upper
138 100
92 59.2 38.2 78.2
108 97.1 71.7 111.7

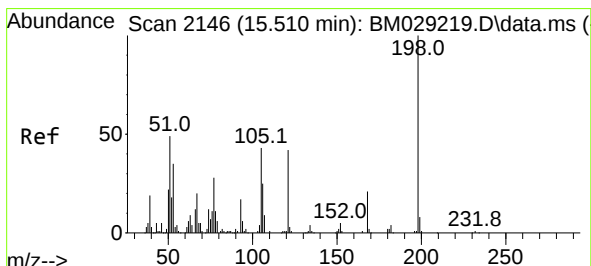
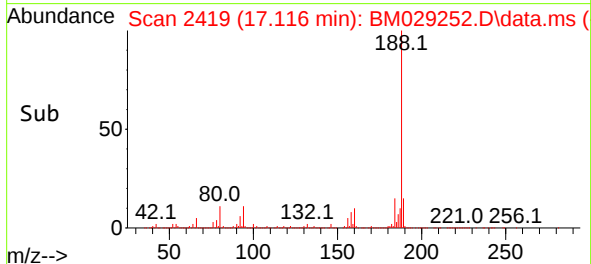
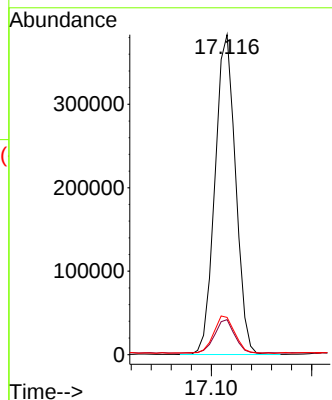
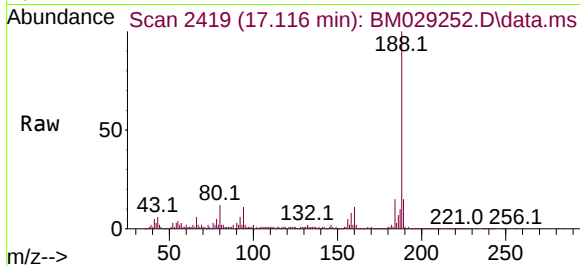




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

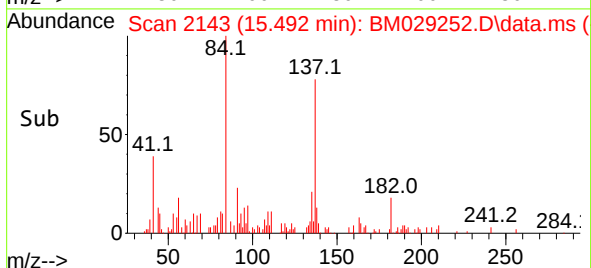
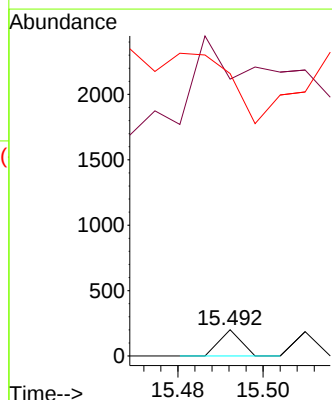
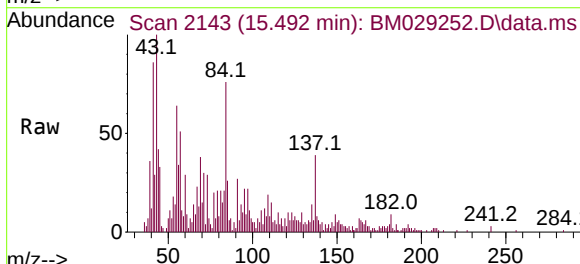
Instrument :
BNA_M
ClientSampleId :
MW-103S

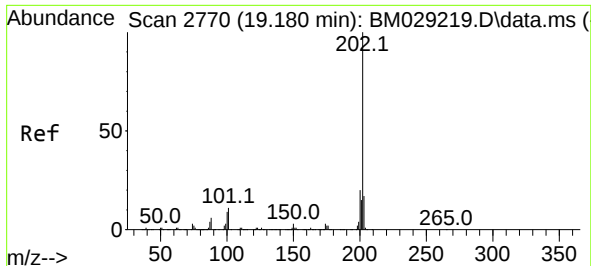
Tgt Ion:188 Resp: 545895
Ion Ratio Lower Upper
188 100
94 11.0 8.1 12.1
80 11.6 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 5.36 ng
RT: 15.492 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:198 Resp: 71
Ion Ratio Lower Upper
198 100
51 1053.2 35.1 75.1#
105 1074.6 29.4 69.4#

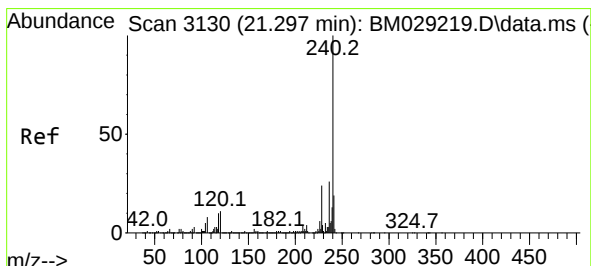
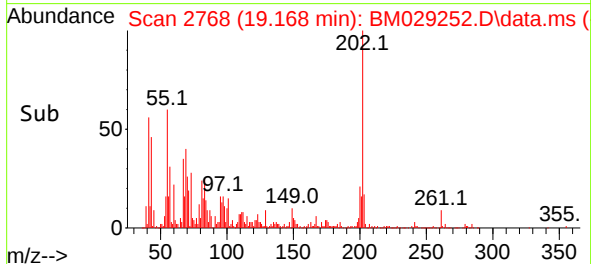
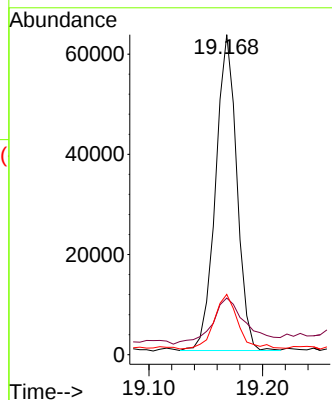
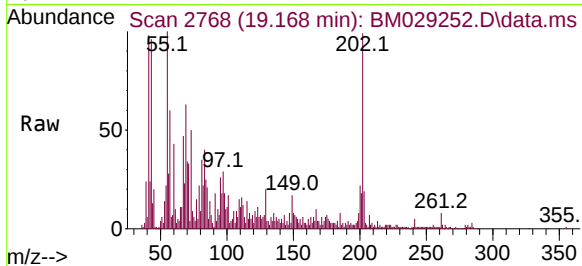




#75
Fluoranthene
Concen: 2.34 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

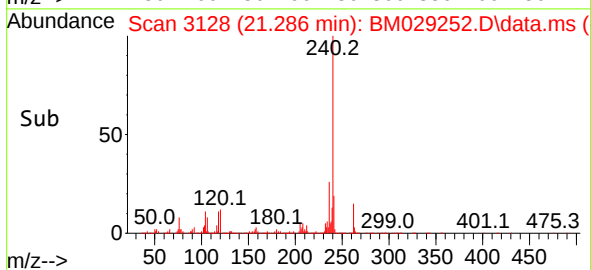
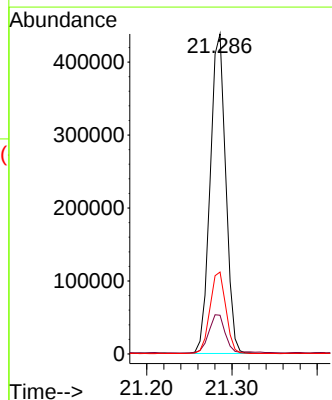
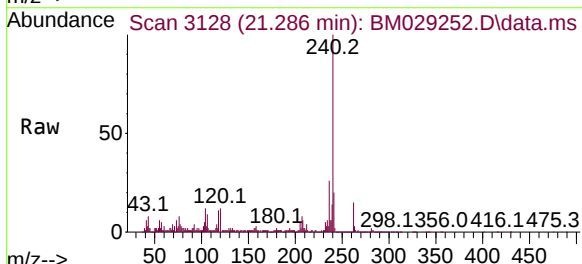
Instrument :
BNA_M
ClientSampleId :
MW-103S

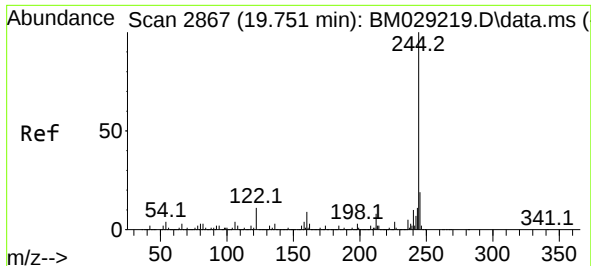
Tgt Ion:	202	Resp:	81847
Ion Ratio	Lower	Upper	
202	100		
101	17.7	0.0	31.5
203	18.9	0.0	37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:	240	Resp:	555500
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.0	13.6
236	25.6	20.3	30.5

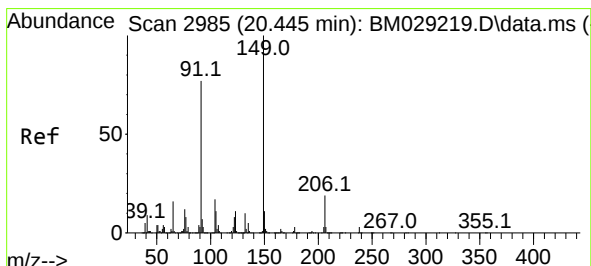
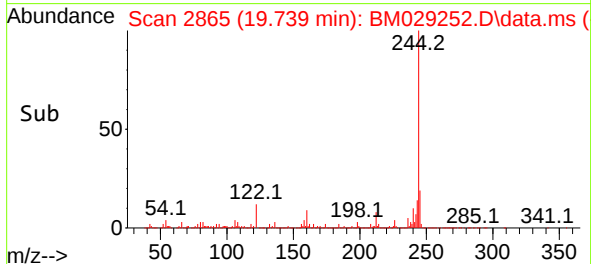
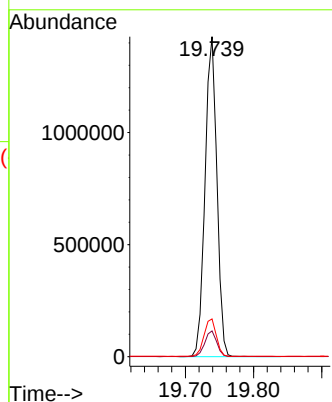
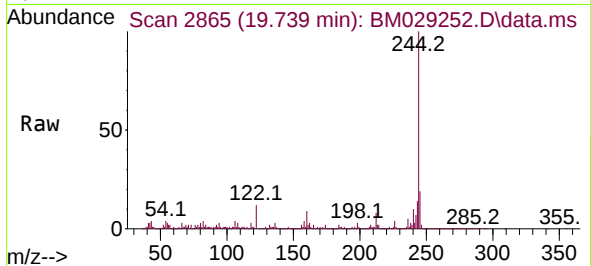




#79
Terphenyl-d14
Concen: 62.34 ng
RT: 19.739 min Scan# 2865
Delta R.T. -0.000 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

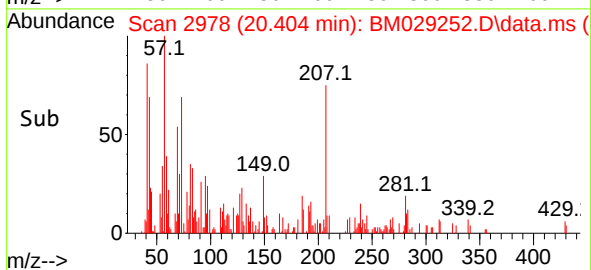
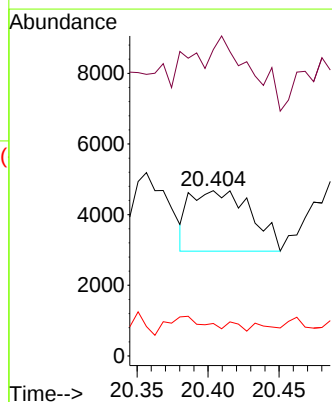
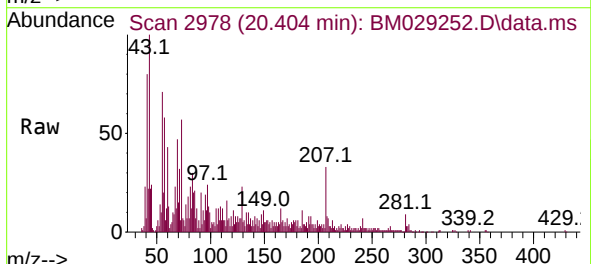
Instrument :
BNA_M
ClientSampleId :
MW-103S

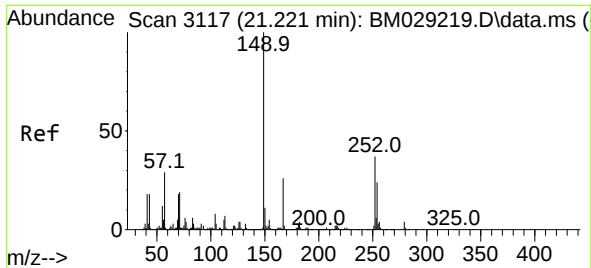
Tgt Ion:244 Resp: 1723880
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.8 9.2 13.8



#80
Butylbenzylphthalate
Concen: 3.91 ng
RT: 20.404 min Scan# 2978
Delta R.T. -0.029 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:149 Resp: 5118
Ion Ratio Lower Upper
149 100
91 185.5 60.5 90.7#
206 19.6 15.7 23.5

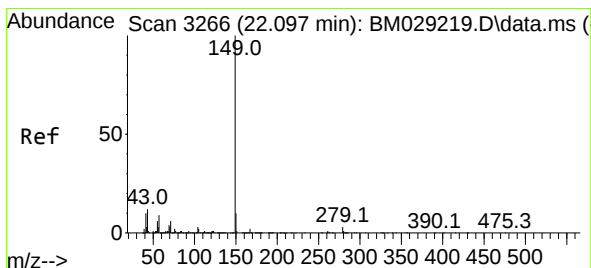
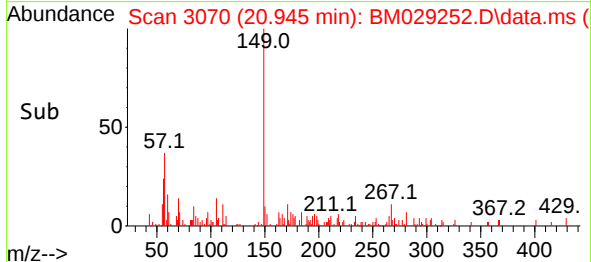
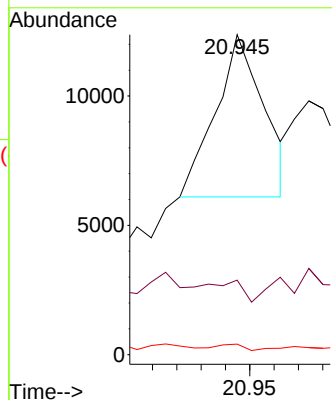
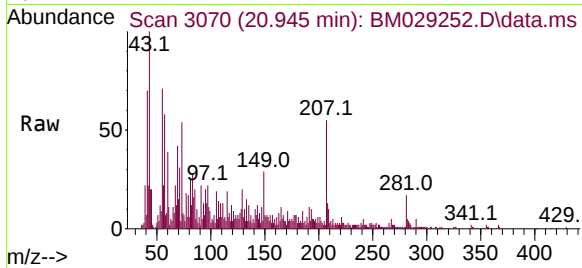




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.95 ng
RT: 20.945 min Scan# 3070
Delta R.T. -0.265 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

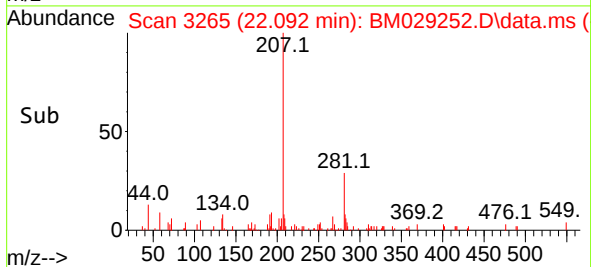
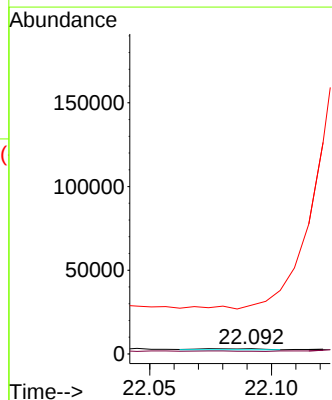
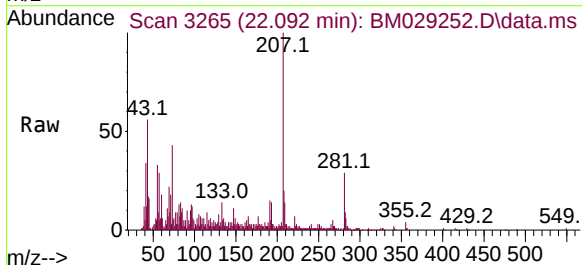
Instrument :
BNA_M
ClientSampleId :
MW-103S

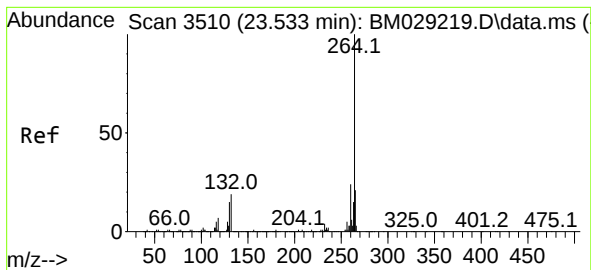
Tgt Ion:149 Resp: 8608
Ion Ratio Lower Upper
149 100
167 23.3 20.6 31.0
279 3.3 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 4.09 ng
RT: 22.092 min Scan# 3265
Delta R.T. 0.006 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Tgt Ion:149 Resp: 1117
Ion Ratio Lower Upper
149 100
167 24.8 1.3 1.9#
43 0.0 9.8 14.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.515 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM029252.D
Acq: 29 Mar 2021 19:56

Instrument :
BNA_M
ClientSampleId :
MW-103S

Tgt Ion:264 Resp: 621319

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.9	17.8	26.8

