

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
 Data File : BM035441.D
 Acq On : 08 Jun 2022 22:06
 Operator : CG/JU
 Sample : N3202-03DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-27DL

Quant Time: Jun 09 00:51:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

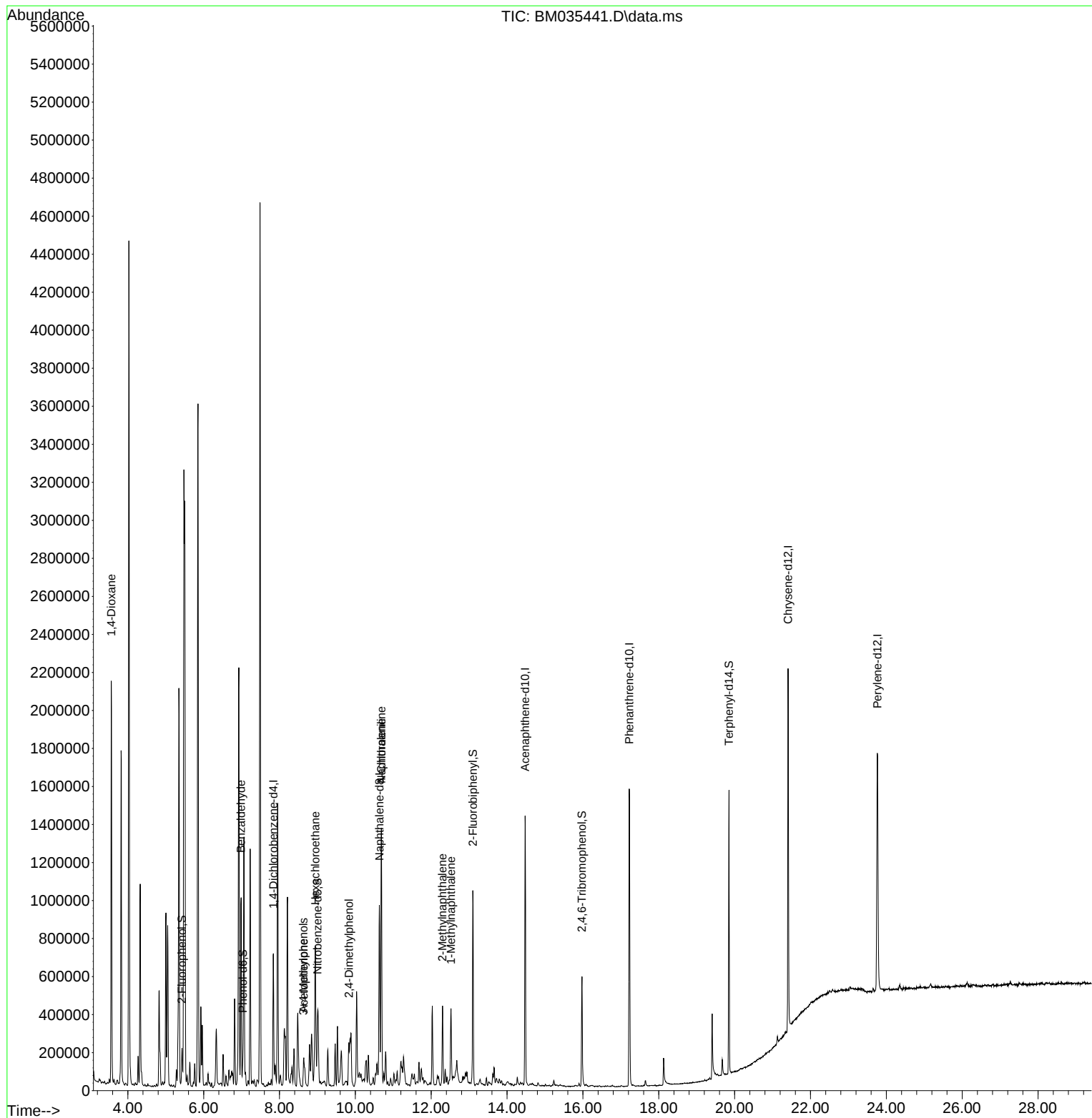
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	220991	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	823142	20.000	ng	# 0.00
39) Acenaphthene-d10	14.474	164	526199	20.000	ng	-0.01
64) Phenanthrene-d10	17.221	188	1089887	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1019186	20.000	ng	-0.01
86) Perylene-d12	23.762	264	1101056	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	107461	10.218	ng	0.00
7) Phenol-d6	7.034	99	77997	5.429	ng	0.00
23) Nitrobenzene-d5	8.998	82	179100	13.816	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	143614	17.010	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	561453	15.325	ng	-0.01
79) Terphenyl-d14	19.850	244	782405	15.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.563	88	16708	4.736	ng	# 1
9) Benzaldehyde	6.987	77	64036	6.716	ng	# 1
18) Hexachloroethane	8.945	117	52848	10.240	ng	# 1
20) 3+4-Methylphenols	8.633	107	41657	2.843	ng	93
22) Acetophenone	8.639	105	97586	5.333	ng	# 61
27) 2,4-Dimethylphenol	9.828	122	63154	6.198	ng	97
31) Naphthalene	10.686	128	1140845	28.604	ng	100
33) 4-Chloroaniline	10.686	127	147684	8.842	ng	# 32
37) 2-Methylnaphthalene	12.298	142	199909	6.643	ng	96
38) 1-Methylnaphthalene	12.521	142	97340	3.300	ng	# 98

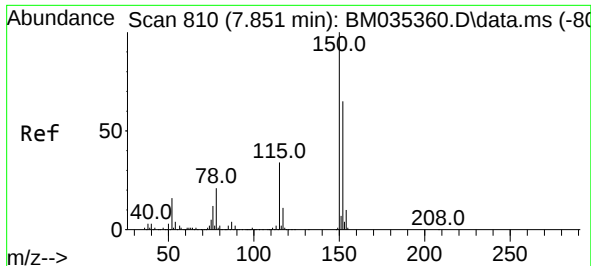
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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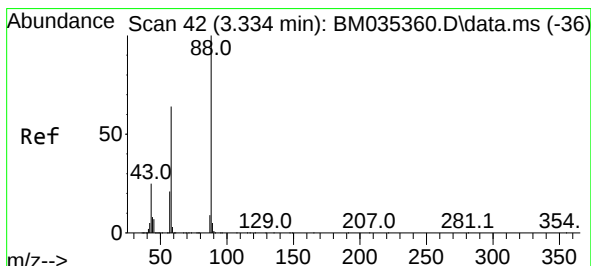
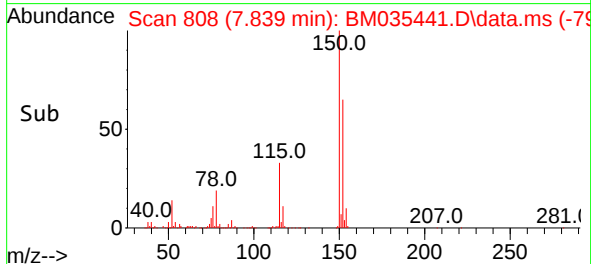
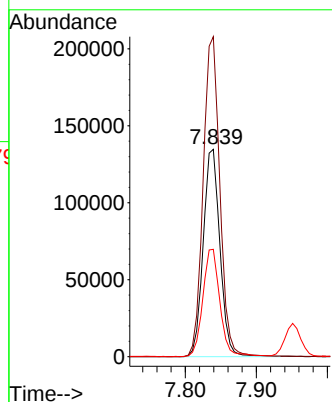
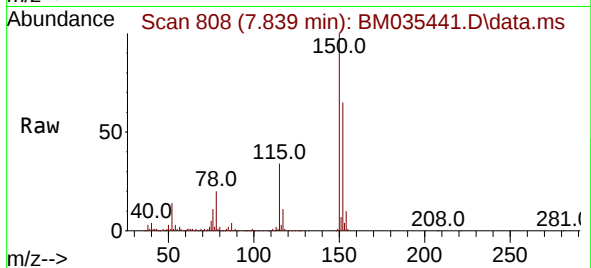




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.839 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BM035441.D
 Acq: 08 Jun 2022 22:06

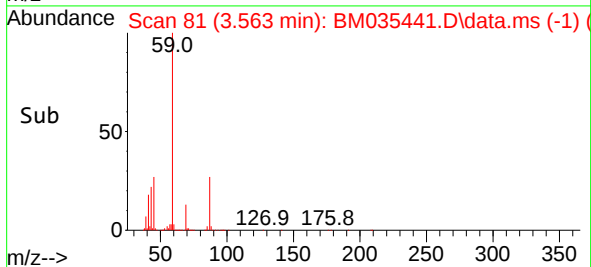
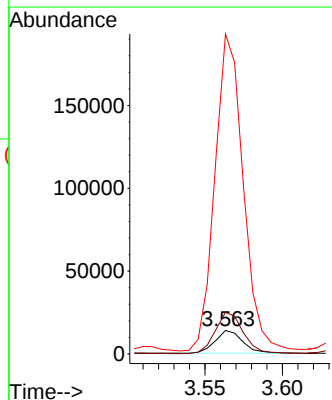
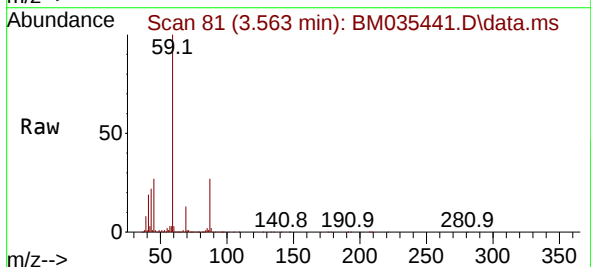
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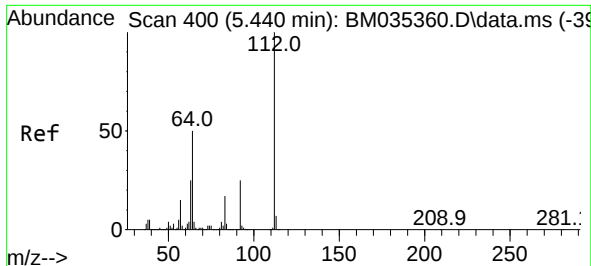
Tgt Ion:152 Resp: 220991
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.9 187.3
 115 51.8 47.9 71.9



#2
 1,4-Dioxane
 Concen: 4.736 ng
 RT: 3.563 min Scan# 81
 Delta R.T. 0.241 min
 Lab File: BM035441.D
 Acq: 08 Jun 2022 22:06

Tgt Ion: 88 Resp: 16708
 Ion Ratio Lower Upper
 88 100
 58 187.7 62.3 93.5#
 43 1448.9 28.7 43.1#

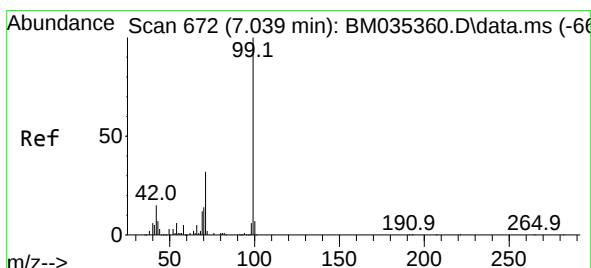
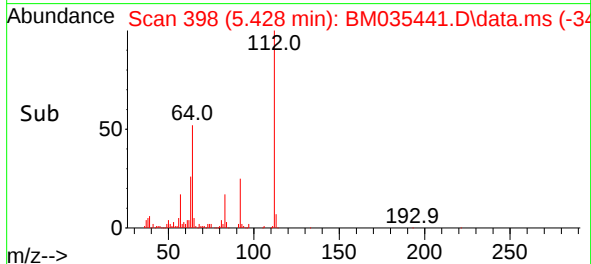
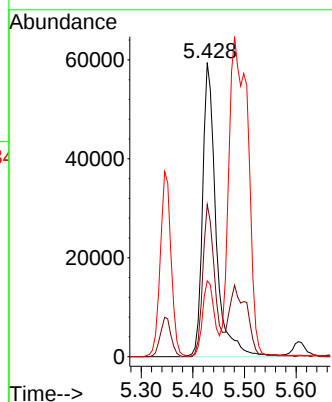
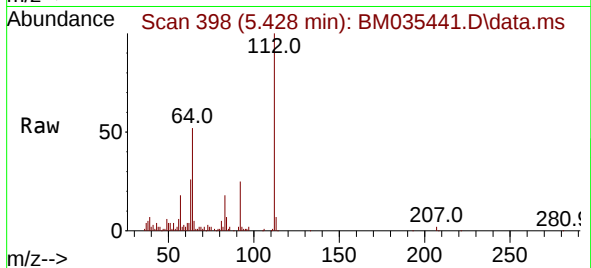




#5
2-Fluorophenol
Concen: 10.218 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

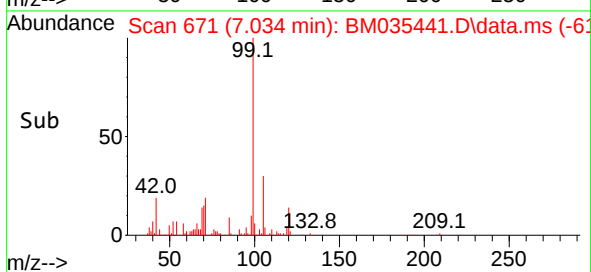
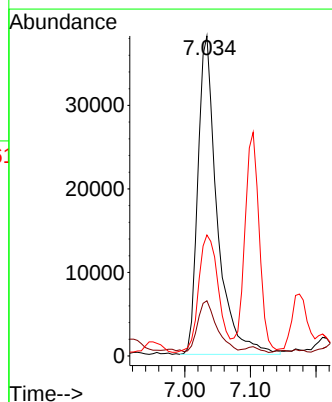
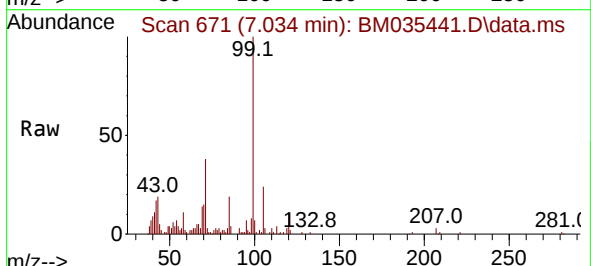
Instrument :
BNA_M
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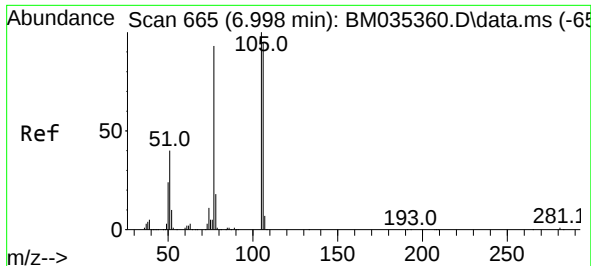
Tgt Ion:112 Resp: 107461
Ion Ratio Lower Upper
112 100
64 51.7 47.8 71.6
63 25.8 26.6 40.0#



#7
Phenol-d6
Concen: 5.429 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

Tgt Ion: 99 Resp: 77997
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 37.8 30.2 45.2

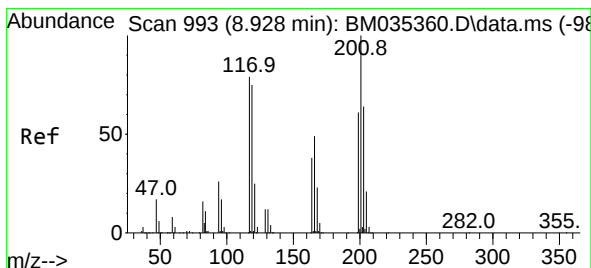
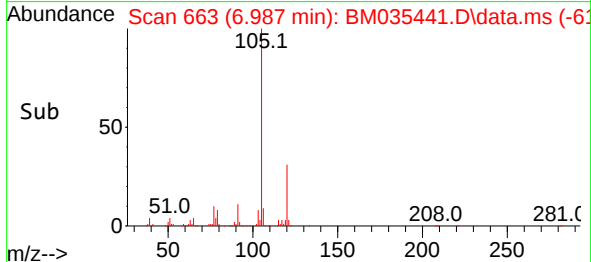
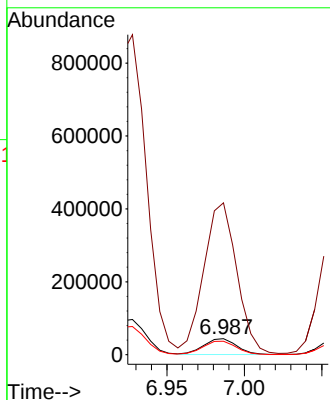
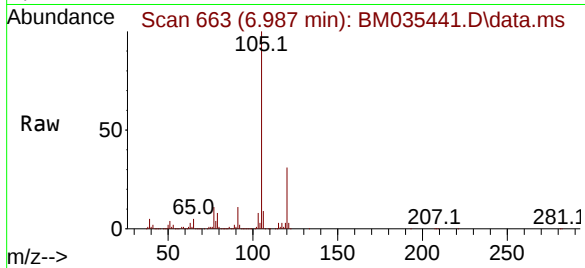




#9
Benzaldehyde
Concen: 6.716 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

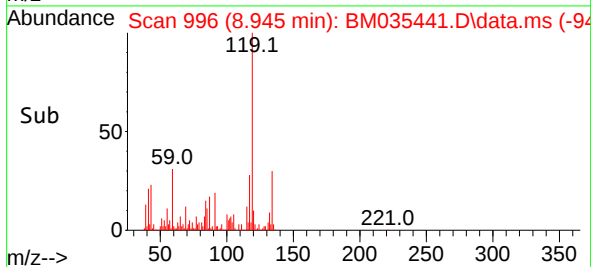
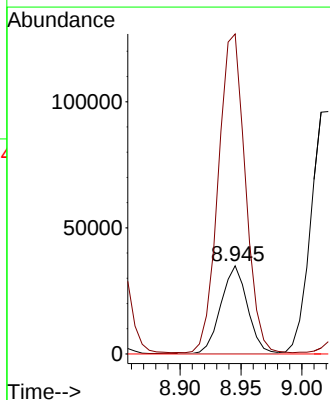
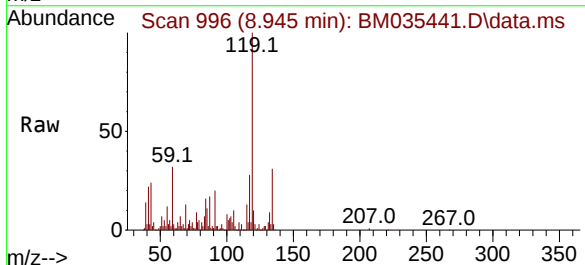
Instrument :
BNA_M
ClientSampleId :
MW-27DL

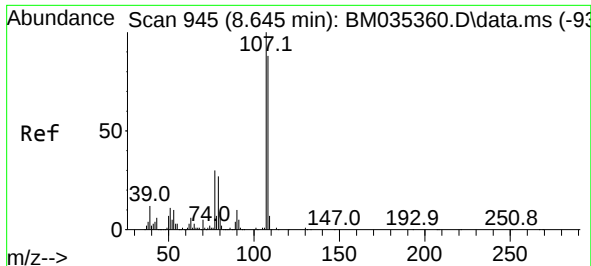
Tgt Ion: 77 Resp: 64036
Ion Ratio Lower Upper
77 100
105 950.7 76.3 116.3#
106 84.1 69.0 109.0



#18
Hexachloroethane
Concen: 10.240 ng
RT: 8.945 min Scan# 996
Delta R.T. 0.029 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

Tgt Ion: 117 Resp: 52848
Ion Ratio Lower Upper
117 100
119 362.7 75.8 113.6#
201 0.0 81.0 121.4#

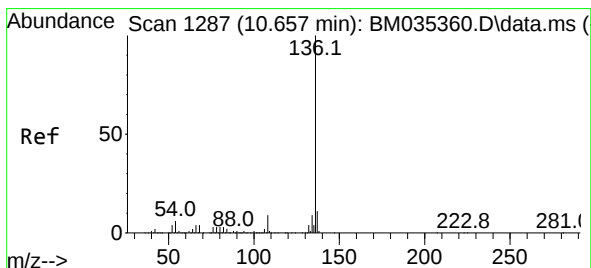
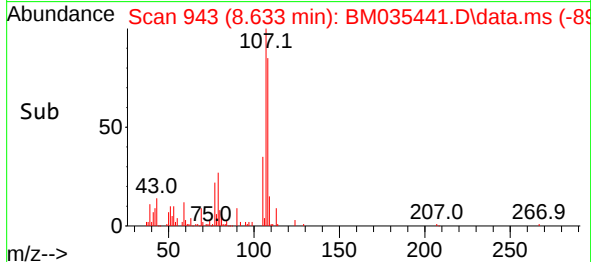
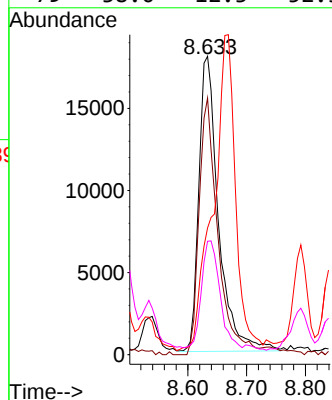
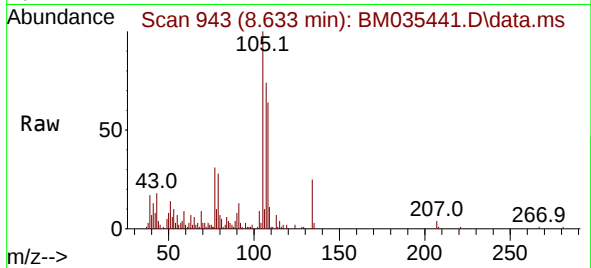




#20
3+4-Methylphenols
Concen: 2.843 ng
RT: 8.633 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

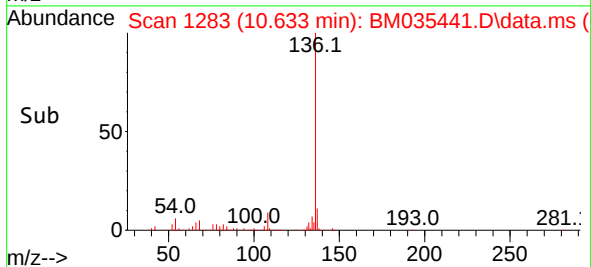
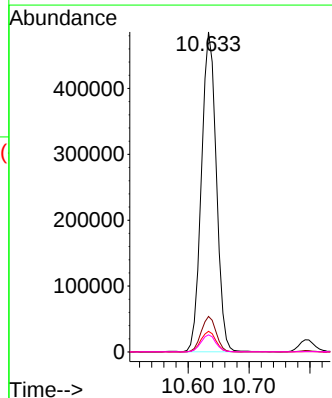
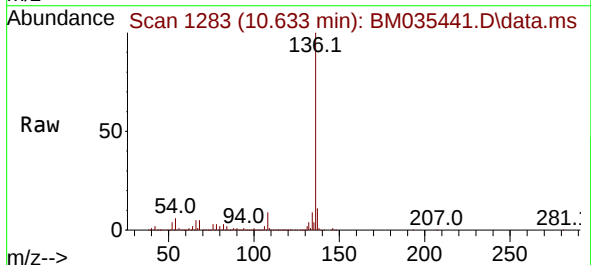
Instrument :
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ClientSampleId :
MW-27DL

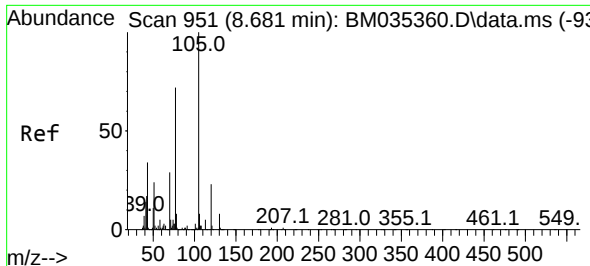
Tgt Ion:107	Resp:	41657
Ion	Ratio	Lower Upper
107	100	
108	86.0	69.3 109.3
77	42.5	15.8 55.8
79	38.0	12.3 52.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

Tgt Ion:136	Resp:	823142
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	6.4	7.0 10.4#
68	5.4	4.3 6.5

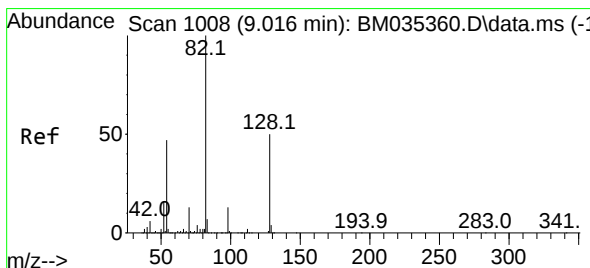
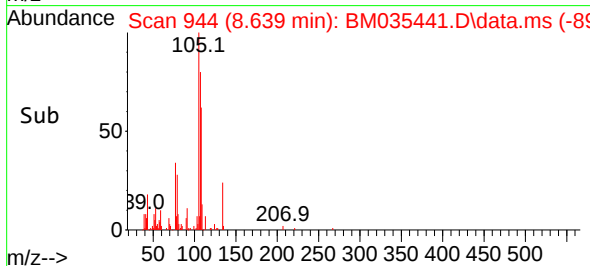
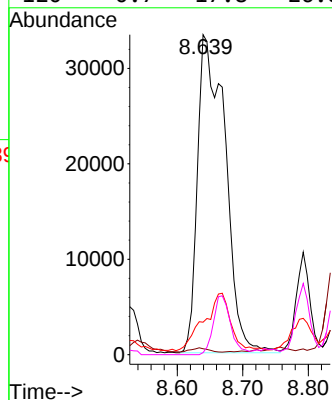
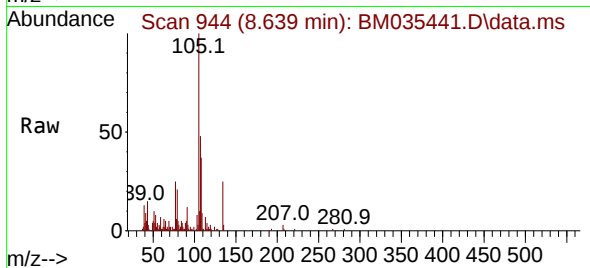




#22
Acetophenone
Concen: 5.333 ng
RT: 8.639 min Scan# 94
Delta R.T. -0.030 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

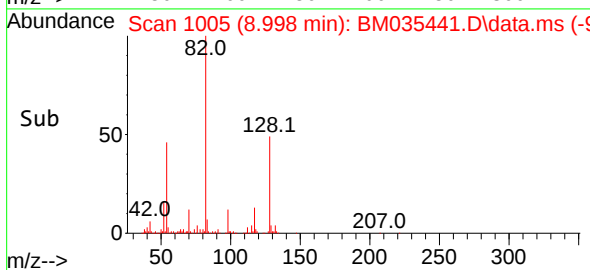
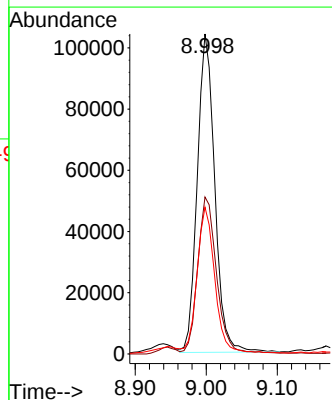
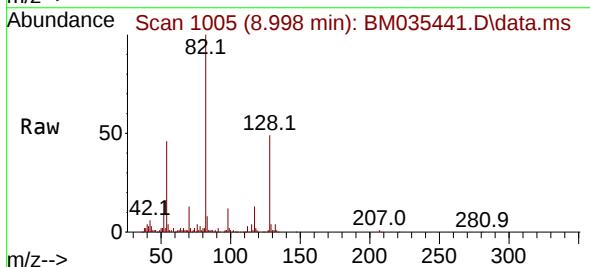
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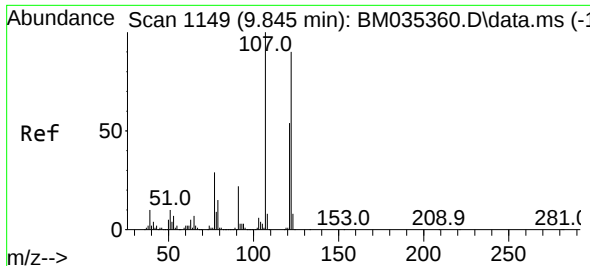
Tgt Ion:	105	Resp:	97586
Ion Ratio	Lower	Upper	
105	100		
71	1.8	5.0	7.4#
51	10.2	25.6	38.4#
120	0.7	17.8	26.8#



#23
Nitrobenzene-d5
Concen: 13.816 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

Tgt Ion:	82	Resp:	179100
Ion Ratio	Lower	Upper	
82	100		
128	49.1	33.7	50.5
54	45.8	43.2	64.8

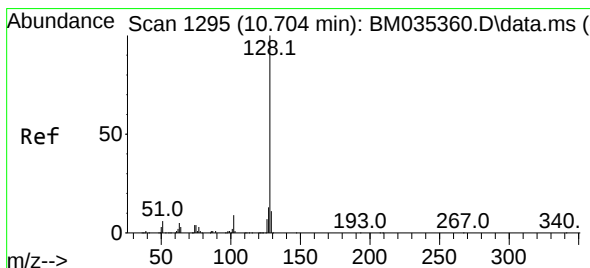
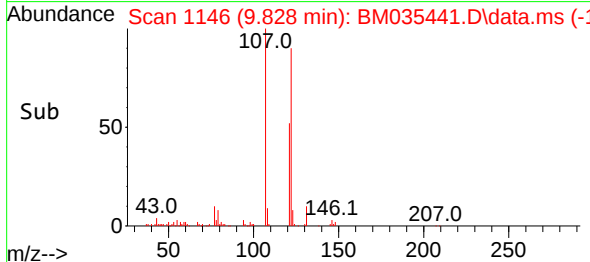
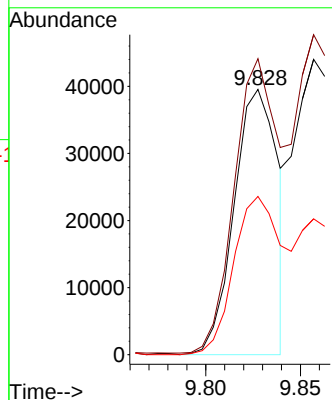
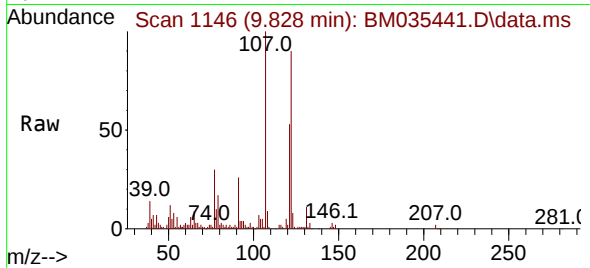




#27
2,4-Dimethylphenol
Concen: 6.198 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

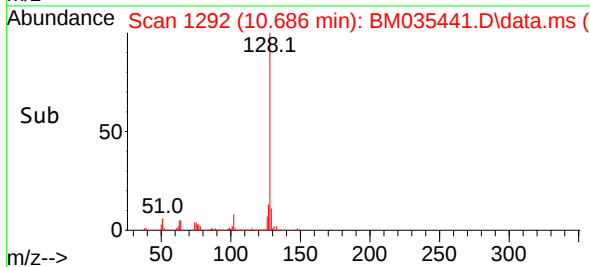
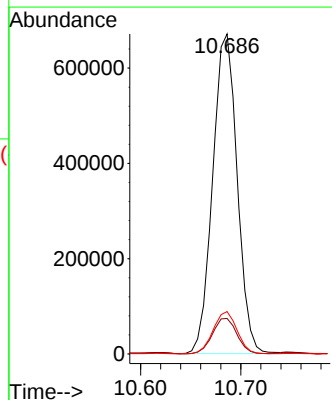
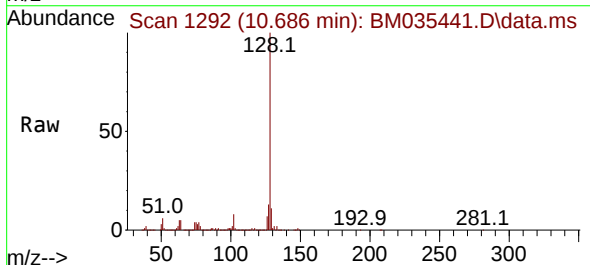
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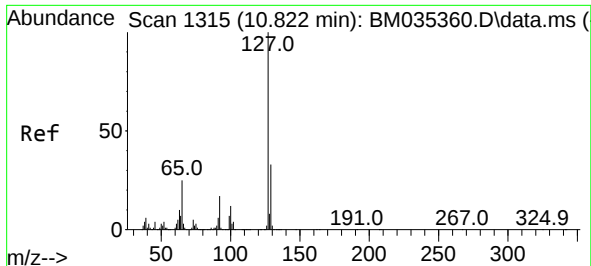
Tgt Ion:122 Resp: 63154
Ion Ratio Lower Upper
122 100
107 111.6 92.4 138.6
121 59.7 47.4 71.0



#31
Naphthalene
Concen: 28.604 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

Tgt Ion:128 Resp: 1140845
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.6 16.0

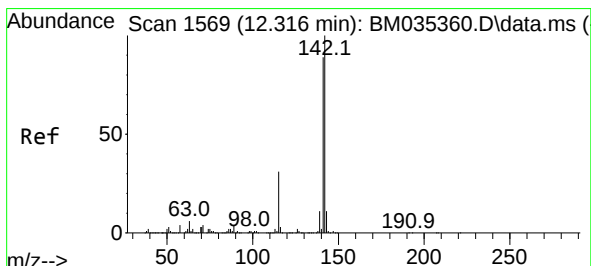
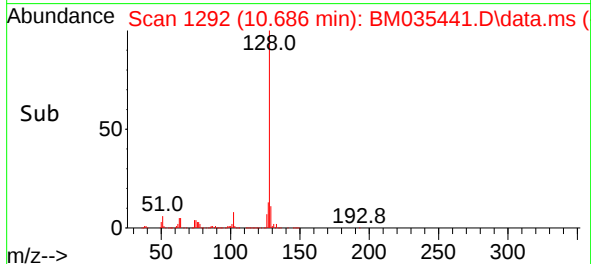
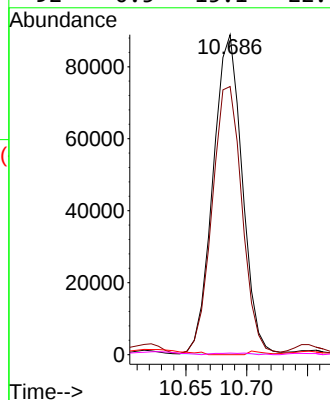
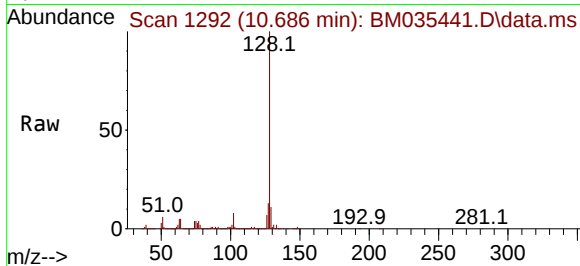




#33
4-Chloroaniline
Concen: 8.842 ng
RT: 10.686 min Scan# 11
Delta R.T. -0.124 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

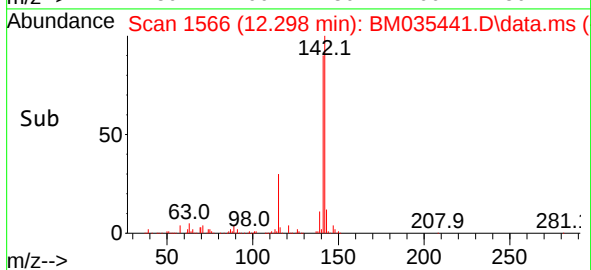
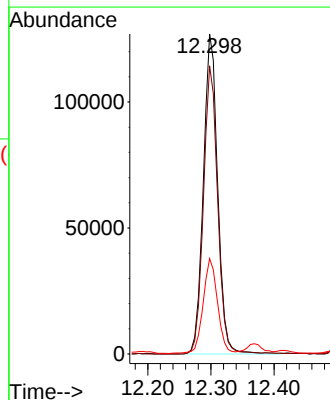
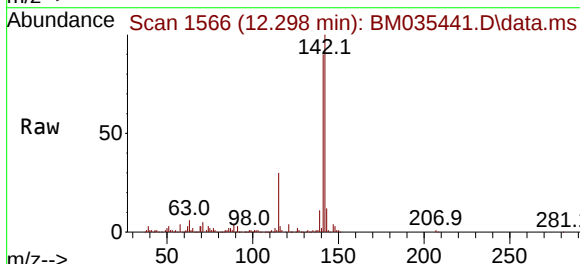
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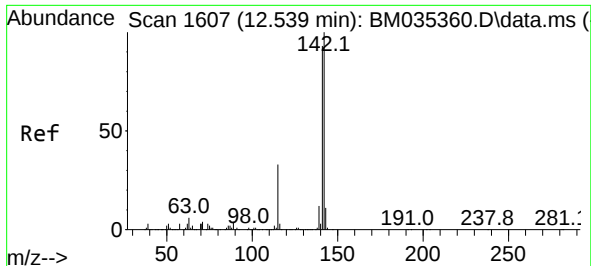
Tgt Ion:127 Resp: 147684
Ion Ratio Lower Upper
127 100
129 83.8 25.7 38.5#
65 0.0 26.6 40.0#
92 0.5 15.1 22.7#



#37
2-Methylnaphthalene
Concen: 6.643 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

Tgt Ion:142 Resp: 199909
Ion Ratio Lower Upper
142 100
141 90.1 72.4 108.6
115 29.8 29.6 44.4

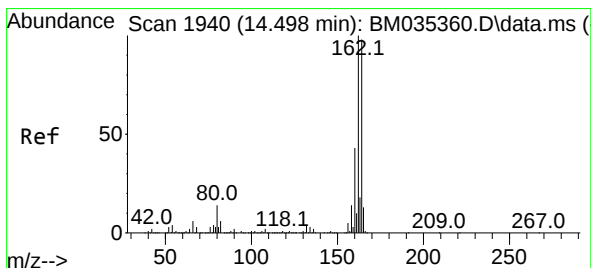
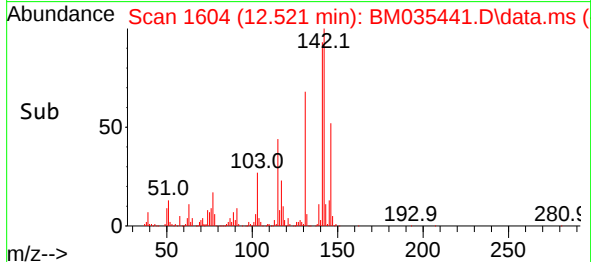
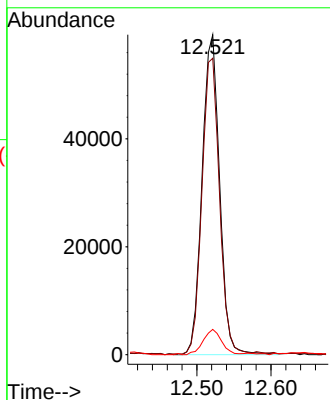
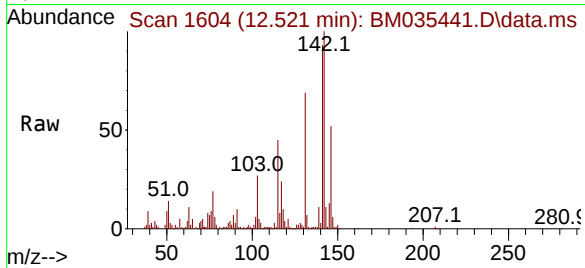




#38
1-Methylnaphthalene
Concen: 3.300 ng
RT: 12.521 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

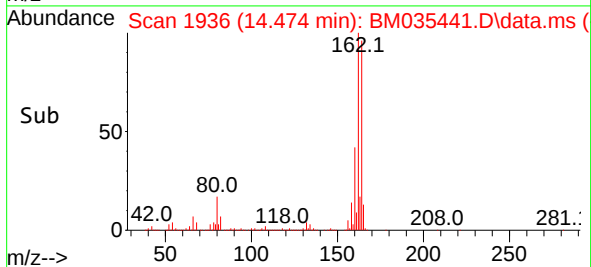
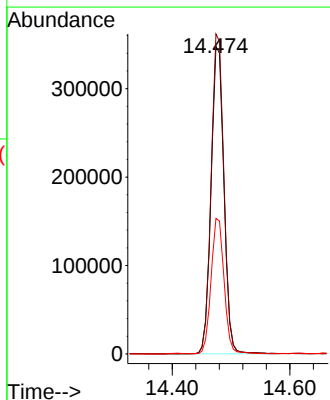
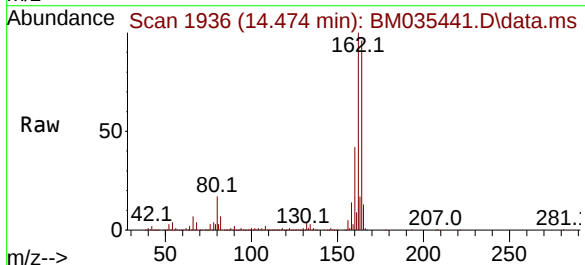
Instrument :
BNA_M
ClientSampleId :
MW-27DL

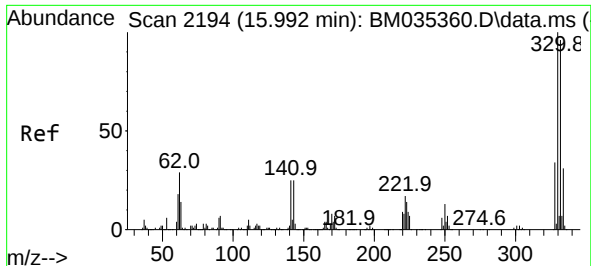
Tgt Ion:142 Resp: 97340
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4
116 7.9 3.4 5.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

Tgt Ion:164 Resp: 526199
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 44.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 17.010 ng

RT: 15.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035441.D

Acq: 08 Jun 2022 22:06

Instrument :

BNA_M

ClientSampleId :

MW-27DL

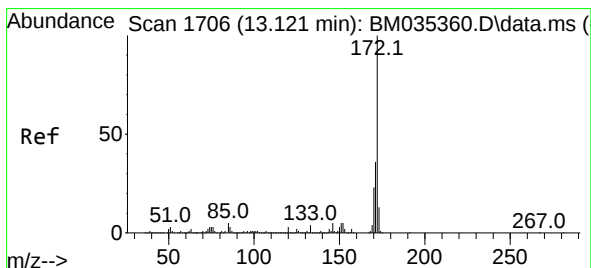
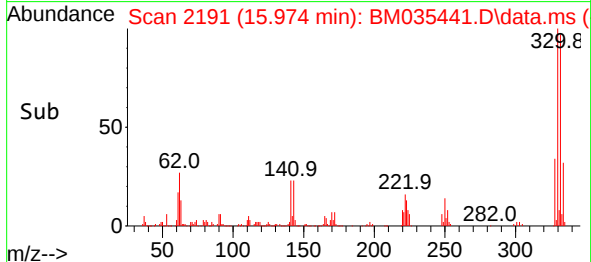
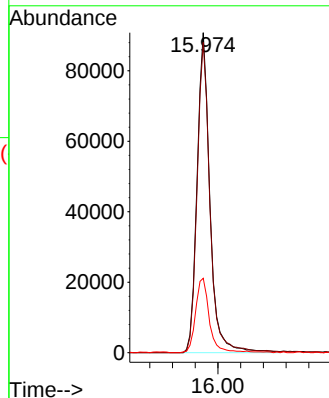
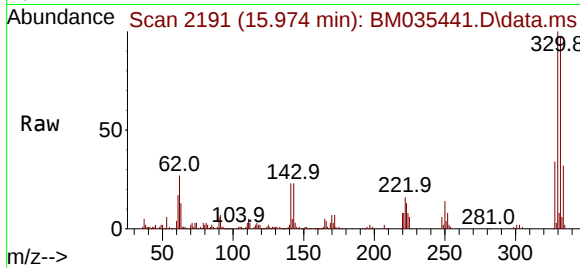
Tgt Ion:330 Resp: 143614

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.4

141 25.1 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 15.325 ng

RT: 13.098 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BM035441.D

Acq: 08 Jun 2022 22:06

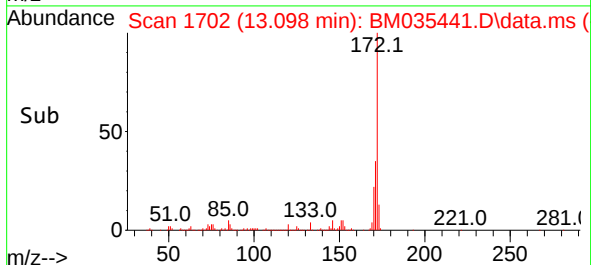
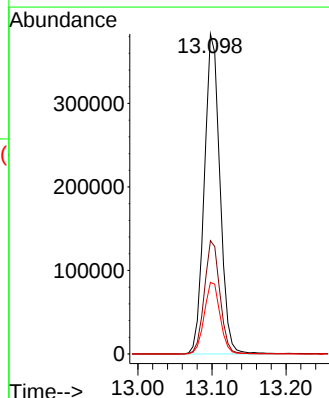
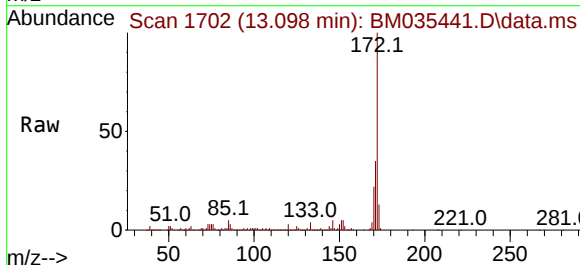
Tgt Ion:172 Resp: 561453

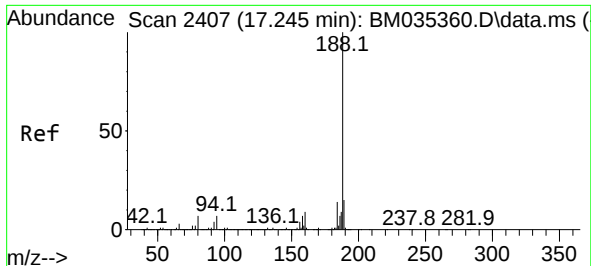
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 22.4 18.7 28.1

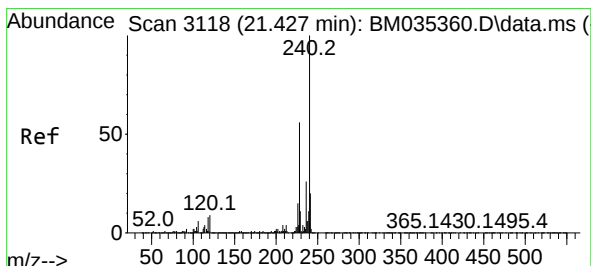
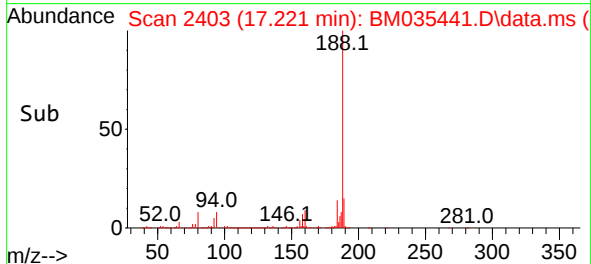
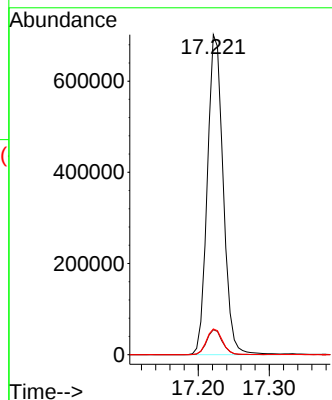
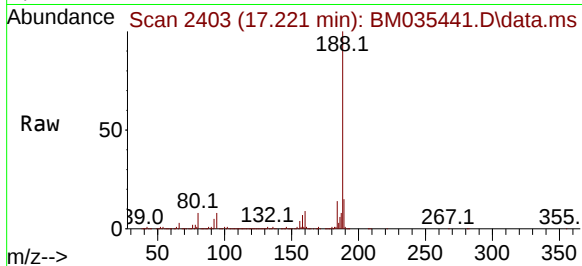




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

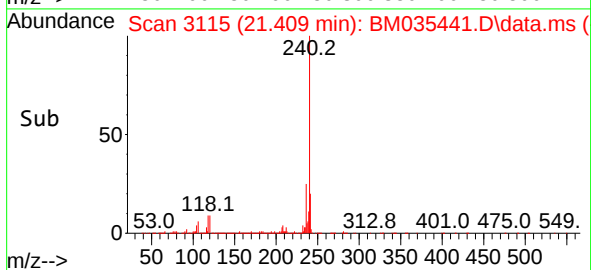
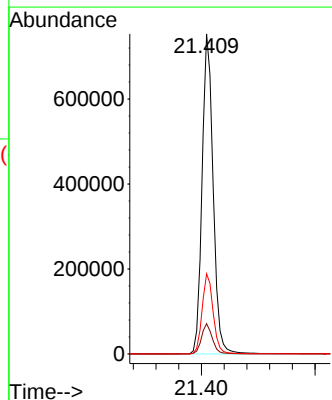
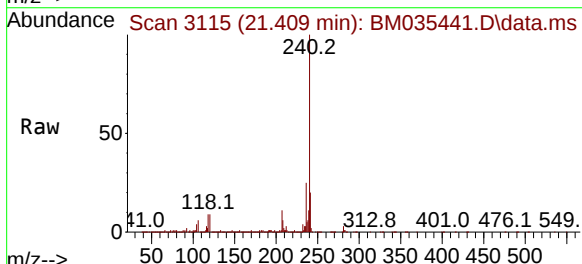
Instrument :
BNA_M
ClientSampleId :
MW-27DL

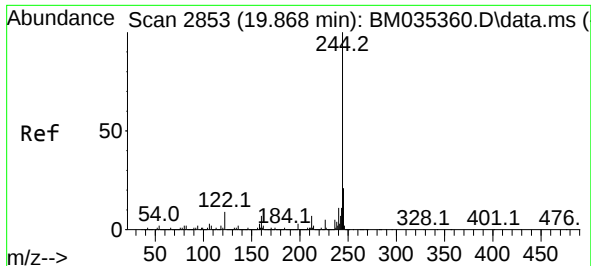
Tgt Ion:188 Resp: 1089887
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BM035441.D
Acq: 08 Jun 2022 22:06

Tgt Ion:240 Resp: 1019186
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.0
236 25.1 20.6 30.8

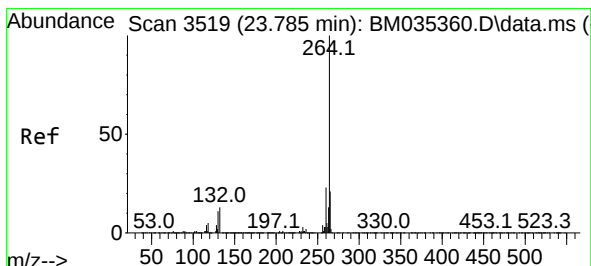
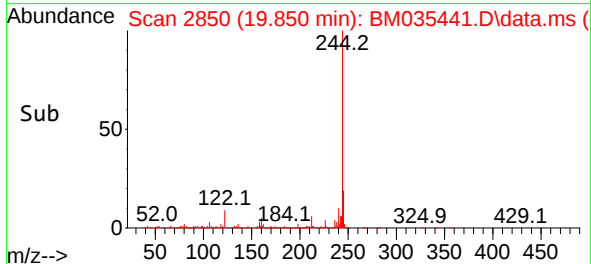
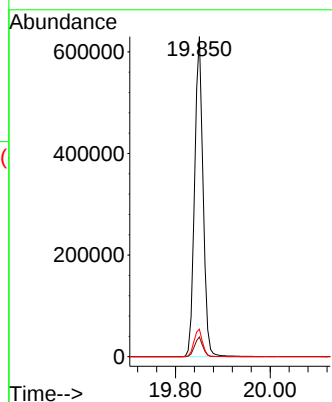
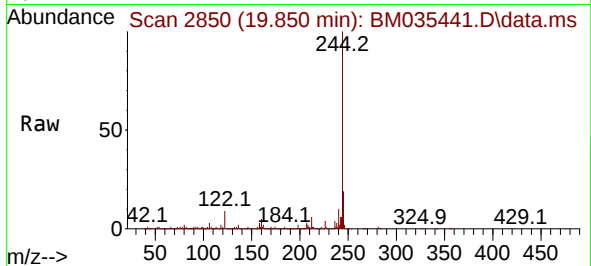




#79
 Terphenyl-d14
 Concen: 15.294 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035441.D
 Acq: 08 Jun 2022 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-27DL

Tgt Ion:244 Resp: 782405
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.4#
 122 8.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.762 min Scan# 3515
 Delta R.T. -0.012 min
 Lab File: BM035441.D
 Acq: 08 Jun 2022 22:06

Tgt Ion:264 Resp: 1101056
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.7 17.5 26.3

