

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
 Data File : BM035603.D
 Acq On : 22 Jun 2022 16:53
 Operator : CG/JU
 Sample : N3373-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-7WC

Quant Time: Jun 23 07:35:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 07:33:33 2022
 Response via : Initial Calibration

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

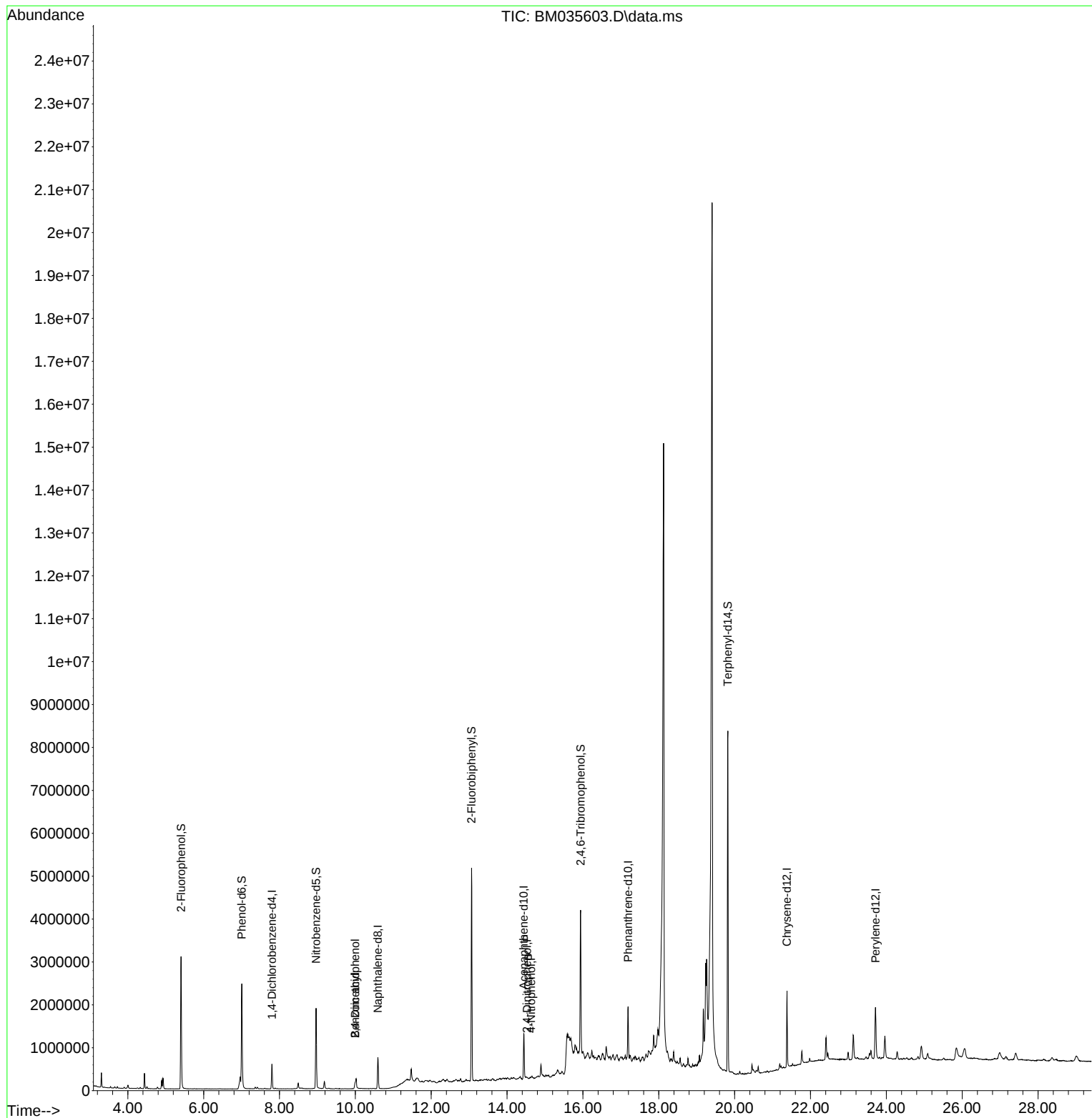
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	161924	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	631975	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	373399	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	768705	20.000	ng	0.00
76) Chrysene-d12	21.380	240	825345	20.000	ng	0.00
86) Perylene-d12	23.715	264	921051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1366282	143.087	ng	0.00
7) Phenol-d6	7.004	99	1574261	118.973	ng	0.00
23) Nitrobenzene-d5	8.963	82	1082546	93.088	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	690375	173.660	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2562887	98.055	ng	0.00
79) Terphenyl-d14	19.821	244	3869910	89.526	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.992	122	65551	8.209	ng	Qvalue
32) Benzoic acid	9.992	122	68996	13.002	ng	# 5
54) 2,4-Dinitrophenol	14.527	184	54	6.793	ng	# 1
56) 4-Nitrophenol	14.633	139	276	5.695	ng	94

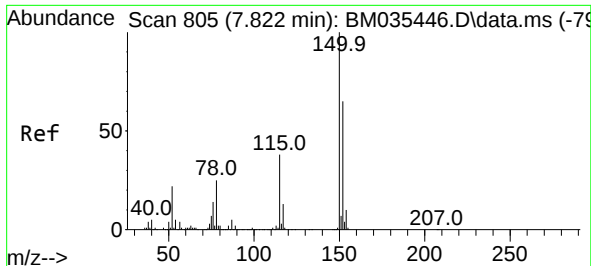
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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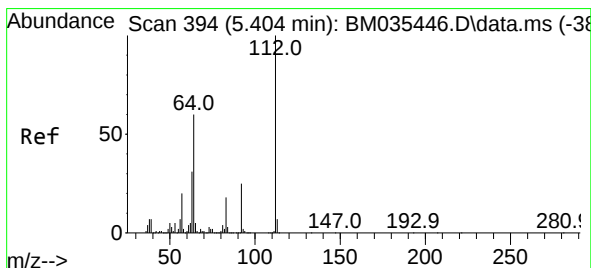
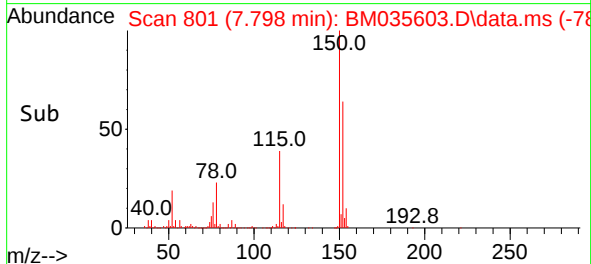
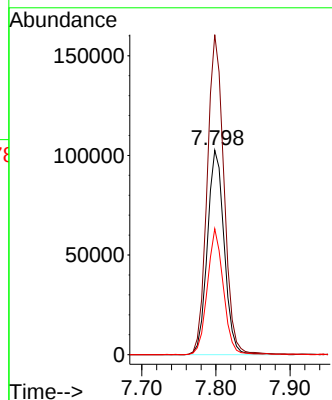
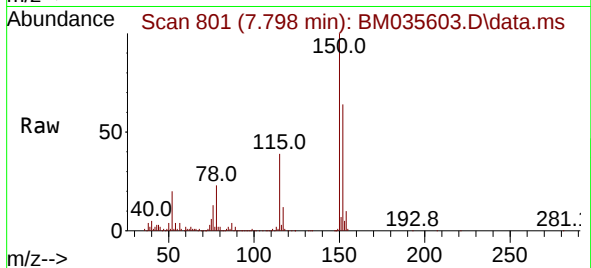


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 805
 Delta R.T. 0.000 min
 Lab File: BM035603.D
 Acq: 22 Jun 2022 16:53

Instrument :
 BNA_M
 ClientSampleId :
 DS-7WC

Tgt Ion:152 Resp: 161924

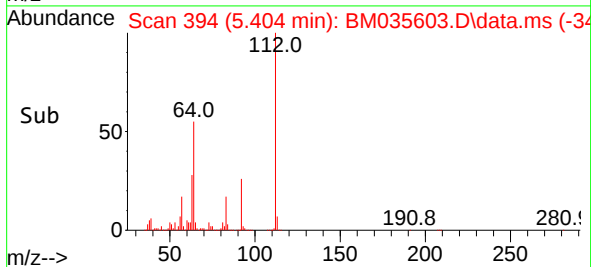
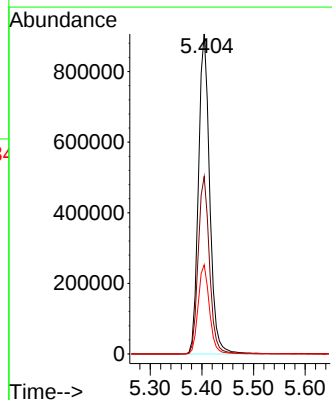
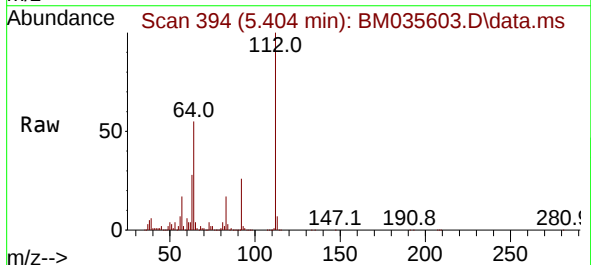
Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	61.6	47.9	71.9

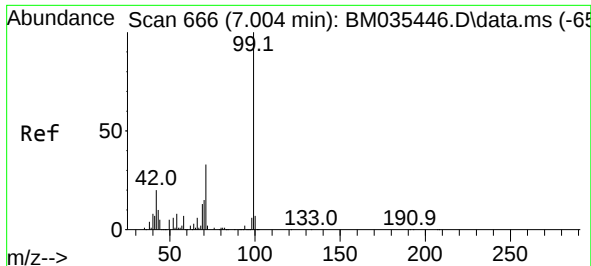


#5
 2-Fluorophenol
 Concen: 143.087 ng
 RT: 5.404 min Scan# 394
 Delta R.T. 0.000 min
 Lab File: BM035603.D
 Acq: 22 Jun 2022 16:53

Tgt Ion:112 Resp: 1366282

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.8	71.6
63	27.9	26.6	40.0

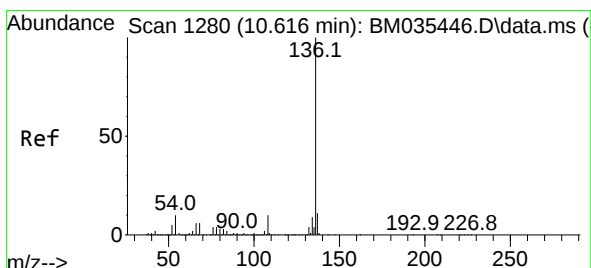
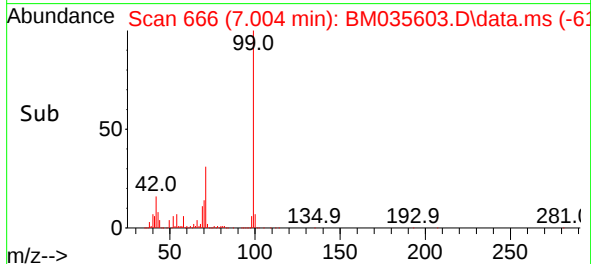
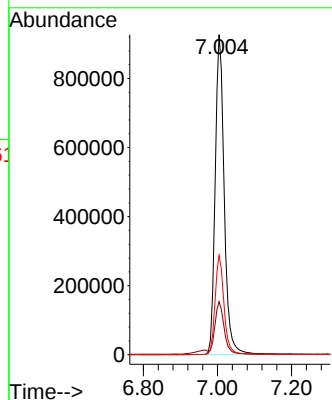
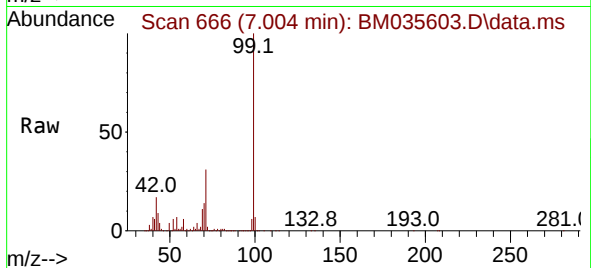




#7
Phenol-d6
Concen: 118.973 ng
RT: 7.004 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

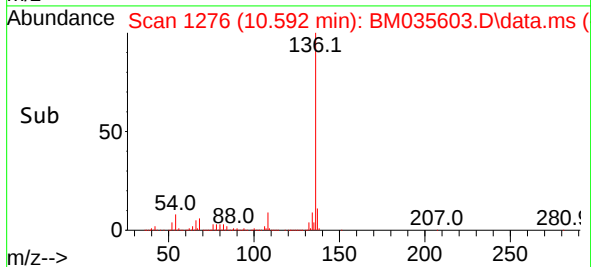
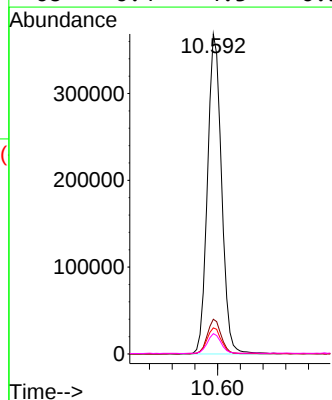
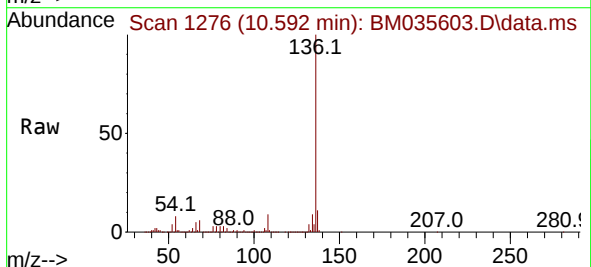
Instrument :
BNA_M
ClientSampleId :
DS-7WC

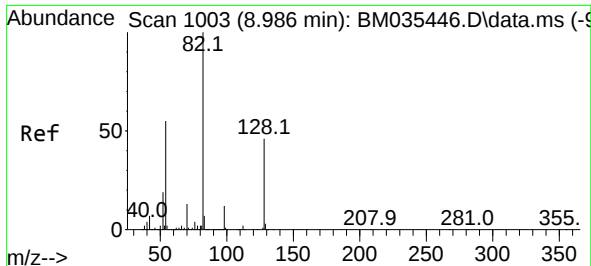
Tgt Ion: 99 Resp: 1574261
Ion Ratio Lower Upper
99 100
42 16.6 18.8 28.2#
71 31.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

Tgt Ion: 136 Resp: 631975
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.2 7.0 10.4
68 6.4 4.3 6.5

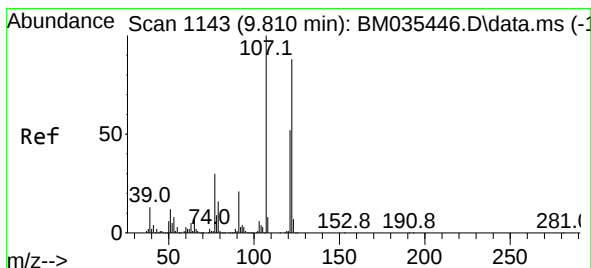
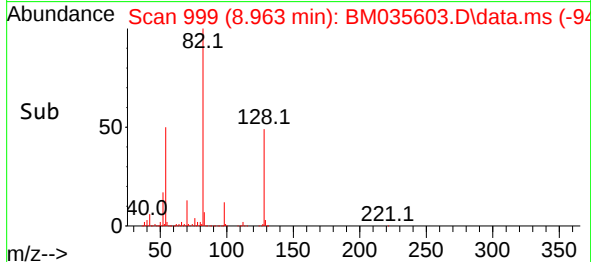
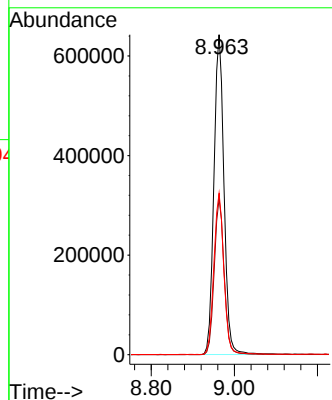
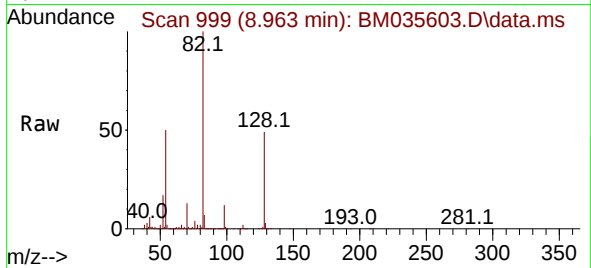




#23
Nitrobenzene-d5
Concen: 93.088 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

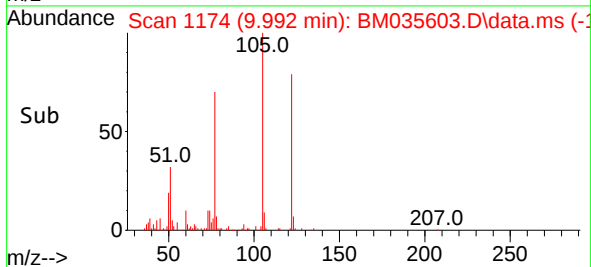
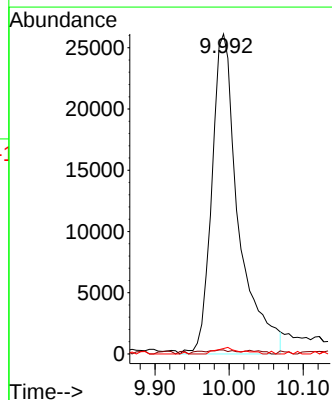
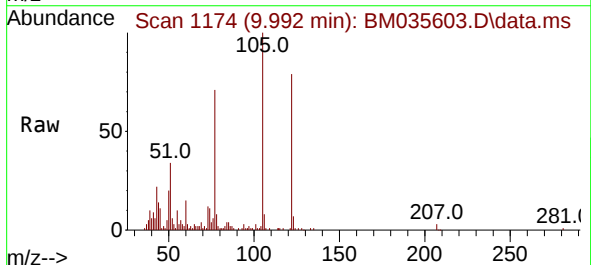
Instrument :
BNA_M
ClientSampleId :
DS-7WC

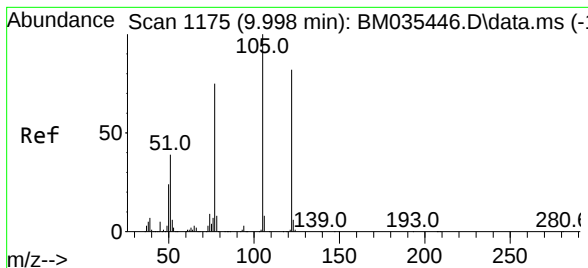
Tgt Ion: 82 Resp: 1082546
Ion Ratio Lower Upper
82 100
128 48.8 33.7 50.5
54 50.4 43.2 64.8



#27
2,4-Dimethylphenol
Concen: 8.209 ng
RT: 9.992 min Scan# 1174
Delta R.T. 0.194 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

Tgt Ion: 122 Resp: 65551
Ion Ratio Lower Upper
122 100
107 1.2 92.4 138.6#
121 1.7 47.4 71.0#





#32

Benzoic acid

Concen: 13.002 ng

RT: 9.992 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BM035603.D

Acq: 22 Jun 2022 16:53

Instrument :

BNA_M

ClientSampleId :

DS-7WC

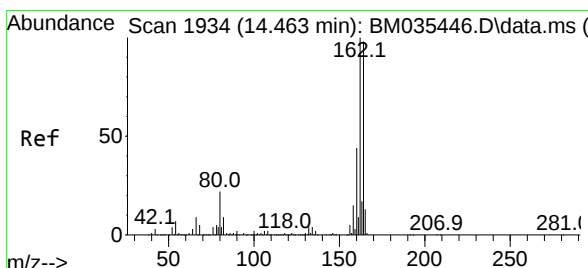
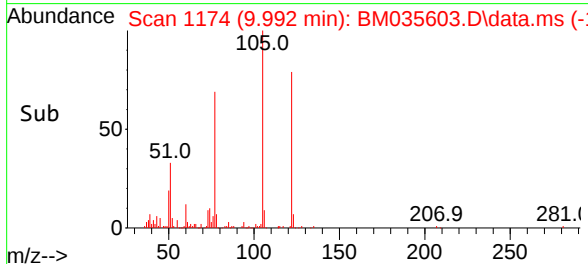
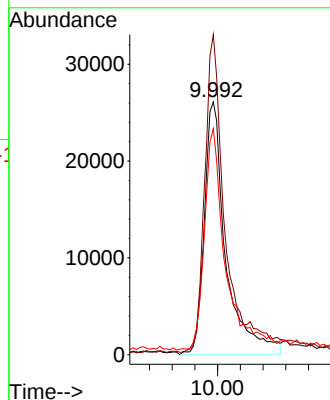
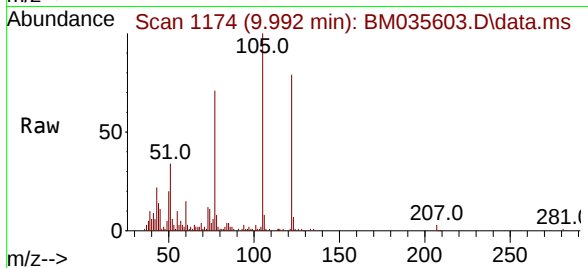
Tgt Ion:122 Resp: 68996

Ion Ratio Lower Upper

122 100

105 126.5 105.7 145.7

77 89.4 80.0 120.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BM035603.D

Acq: 22 Jun 2022 16:53

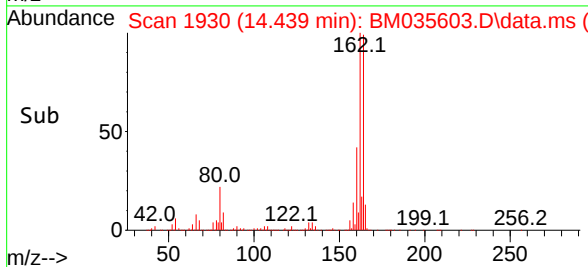
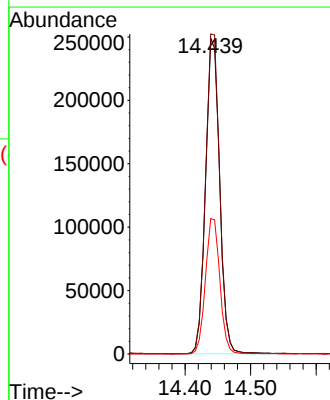
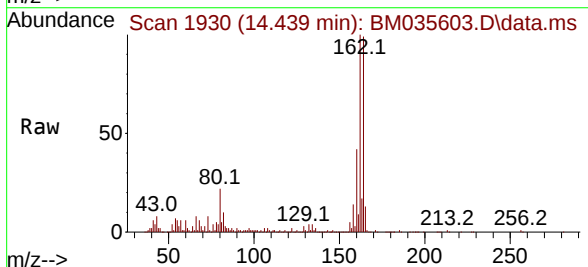
Tgt Ion:164 Resp: 373399

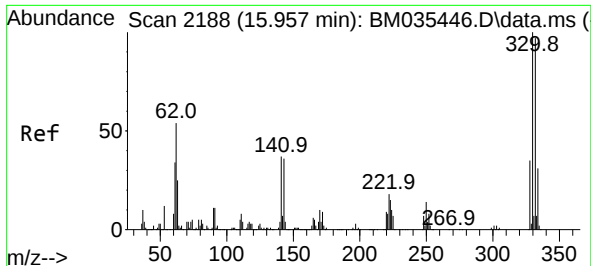
Ion Ratio Lower Upper

164 100

162 101.4 83.0 124.6

160 42.9 37.0 55.4

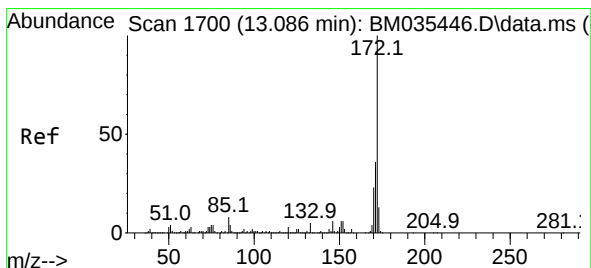
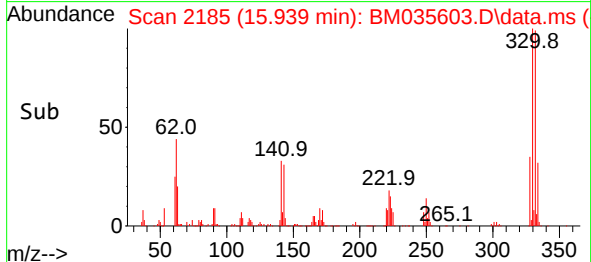
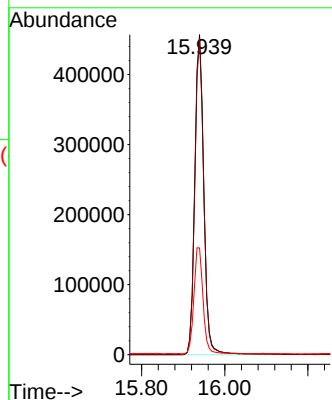
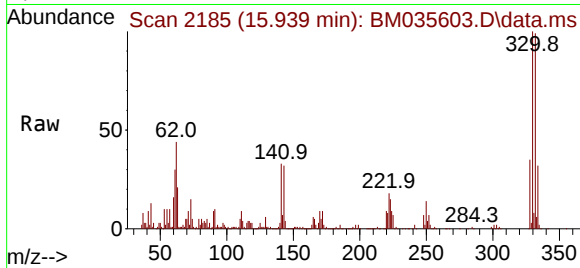




#42
2,4,6-Tribromophenol
Concen: 173.660 ng
RT: 15.939 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

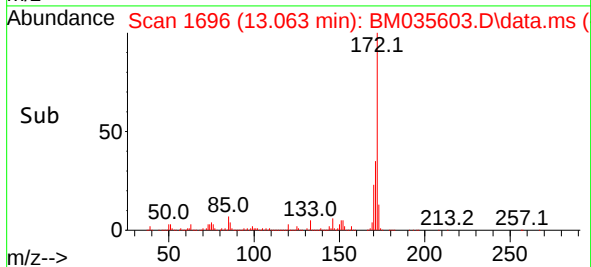
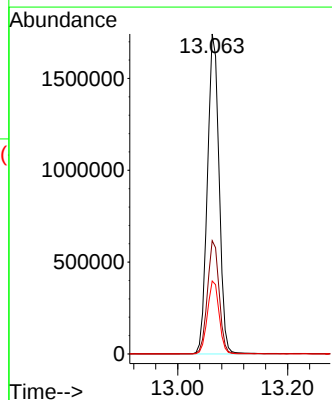
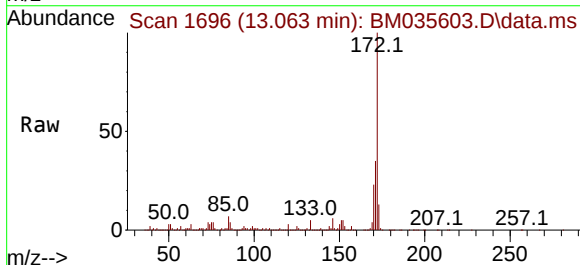
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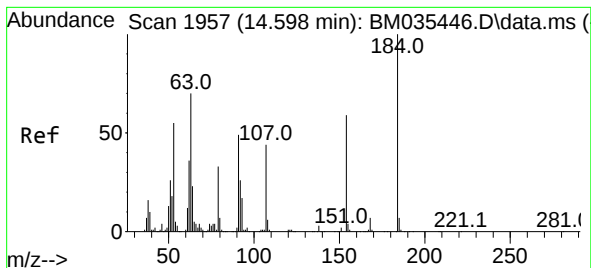
Tgt Ion:330 Resp: 690375
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 33.6 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 98.055 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

Tgt Ion:172 Resp: 2562887
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.8 18.7 28.1

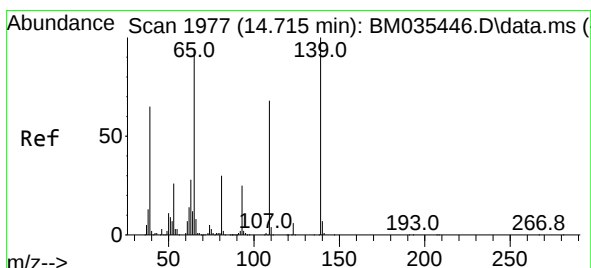
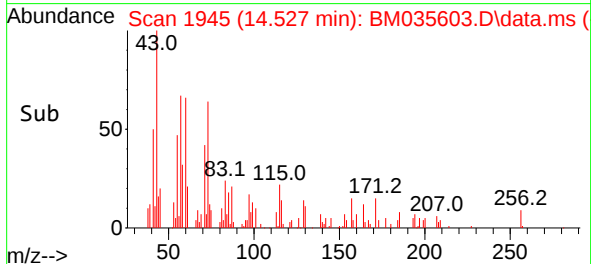
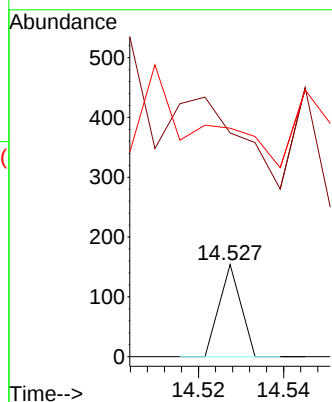
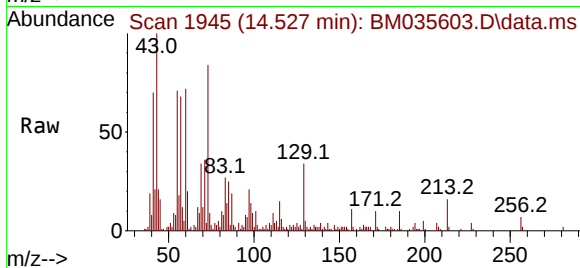




#54
2,4-Dinitrophenol
Concen: 6.793 ng
RT: 14.527 min Scan# 1945
Delta R.T. -0.065 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

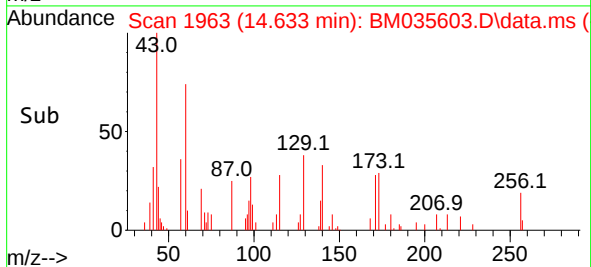
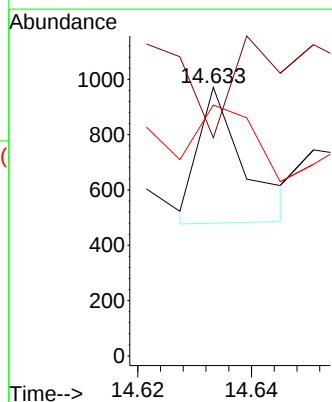
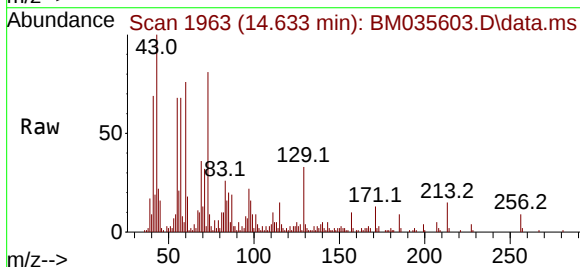
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BNA_M
ClientSampleId :
DS-7WC

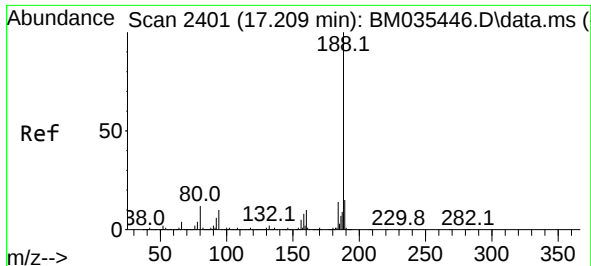
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 242.9 59.5 89.3#
154 248.1 55.6 83.4#



#56
4-Nitrophenol
Concen: 5.695 ng
RT: 14.633 min Scan# 1963
Delta R.T. -0.117 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

Tgt Ion:139 Resp: 276
Ion Ratio Lower Upper
139 100
109 81.3 62.5 102.5
65 93.4 83.5 123.5

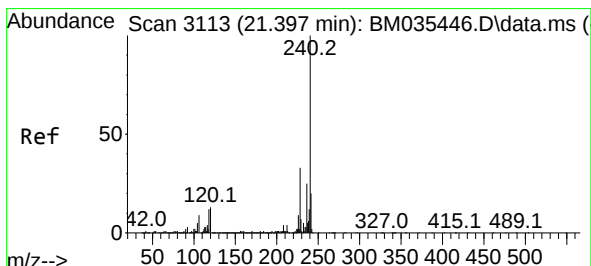
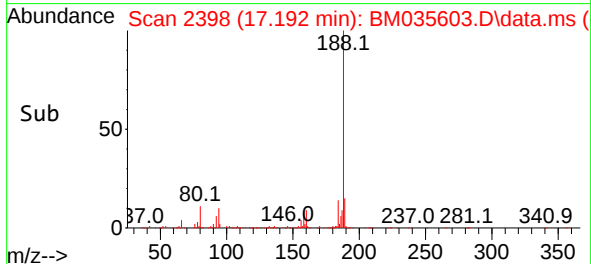
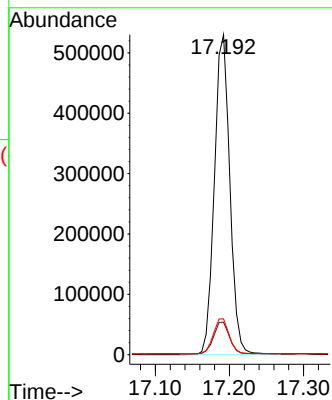
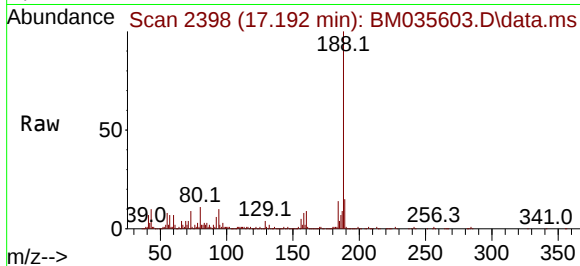




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

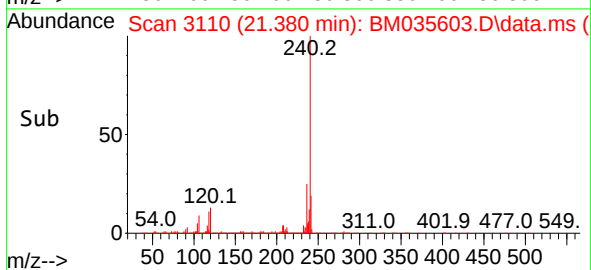
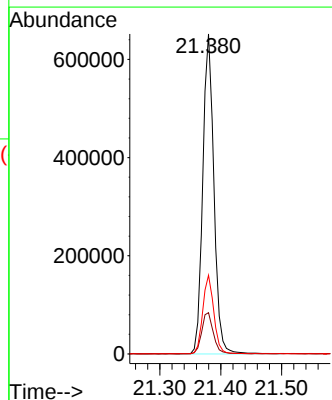
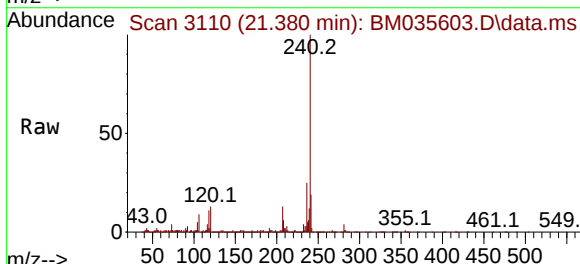
Instrument :
BNA_M
ClientSampleId :
DS-7WC

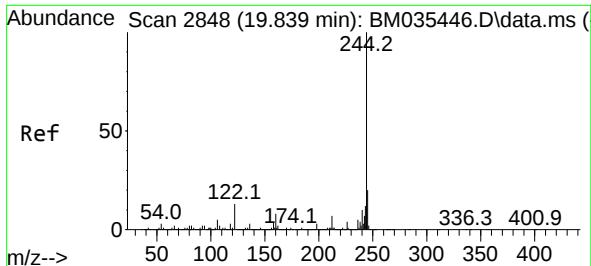
Tgt Ion:188 Resp: 768705
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 11.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM035603.D
Acq: 22 Jun 2022 16:53

Tgt Ion:240 Resp: 825345
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.0
236 24.6 20.6 30.8

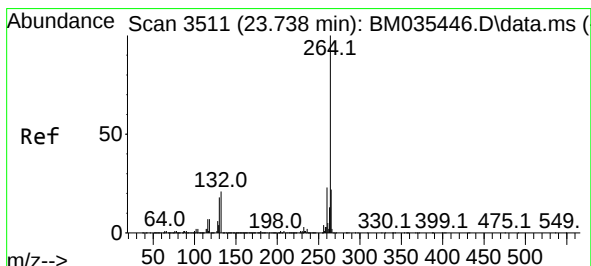
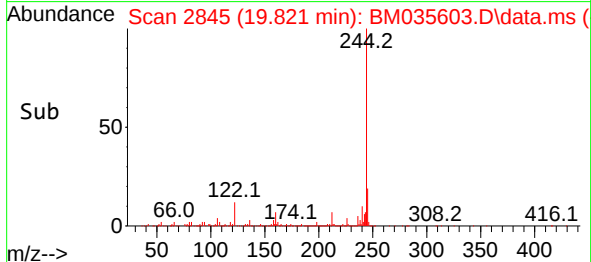
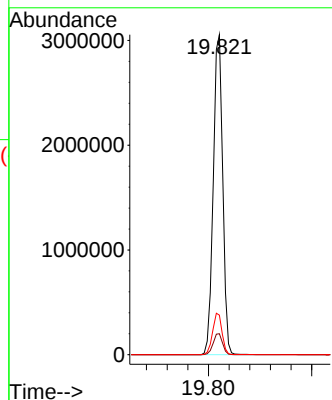
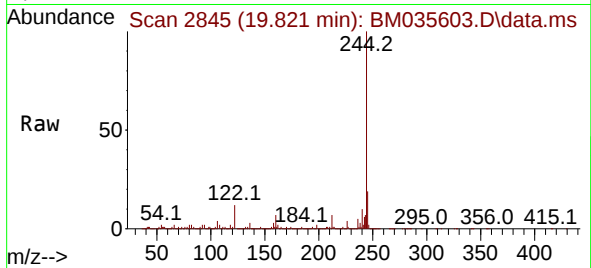




#79
 Terphenyl-d14
 Concen: 89.526 ng
 RT: 19.821 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035603.D
 Acq: 22 Jun 2022 16:53

Instrument :
 BNA_M
 ClientSampleId :
 DS-7WC

Tgt Ion:244 Resp: 3869910
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.4
 122 12.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3507
 Delta R.T. 0.000 min
 Lab File: BM035603.D
 Acq: 22 Jun 2022 16:53

Tgt Ion:264 Resp: 921051
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 22.0 17.5 26.3

