

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031621\
 Data File : BM029154.D
 Acq On : 16 Mar 2021 18:29
 Operator : CG/JU
 Sample : M1677-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D2470-D2800(WATER)RE

Quant Time: Mar 17 00:39:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 12 12:30:15 2021
 Response via : Initial Calibration

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

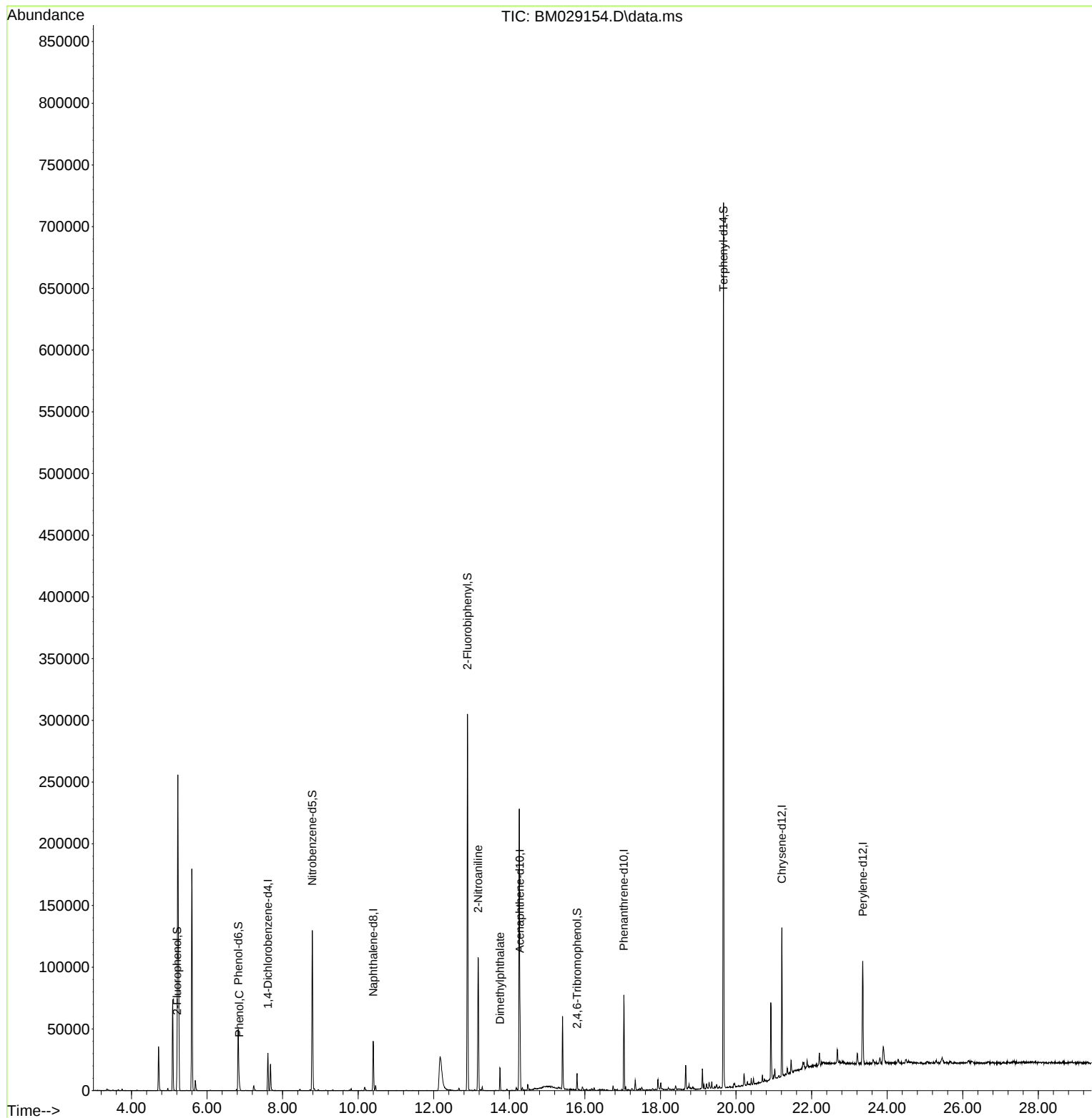
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	7839	20.00	ng	-0.01
21) Naphthalene-d8	10.398	136	31169	20.00	ng	#-0.02
39) Acenaphthene-d10	14.280	164	20132	20.00	ng	-0.02
64) Phenanthrene-d10	17.033	188	43754	20.00	ng	-0.01
76) Chrysene-d12	21.215	240	51848	20.00	ng	#-0.01
86) Perylene-d12	23.356	264	52104	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.204	112	5546	11.73	ng	0.00
7) Phenol-d6	6.828	99	24754	39.63	ng	0.00
23) Nitrobenzene-d5	8.786	82	62344	107.91	ng	-0.01
42) 2,4,6-Tribromophenol	15.792	330	2425	10.16	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	142431	94.18	ng	-0.01
79) Terphenyl-d14	19.668	244	273326	97.34	ng	0.00
Target Compounds						
10) Phenol	6.857	94	2493	4.02	ng	Qvalue 96
48) 2-Nitroaniline	13.174	65	2211	6.24	ng	# 10
50) Dimethylphthalate	13.757	163	11768	7.71	ng	98

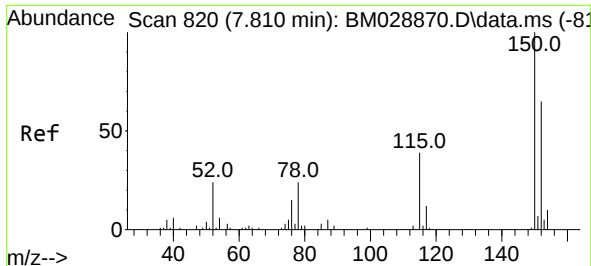
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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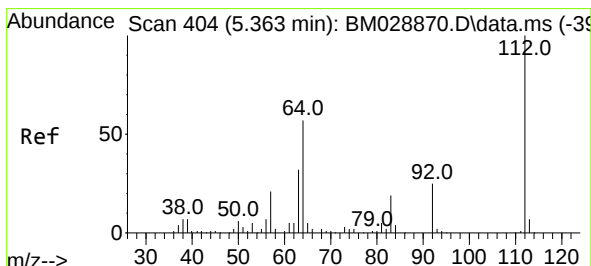
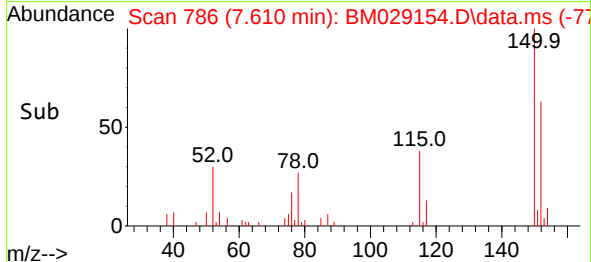
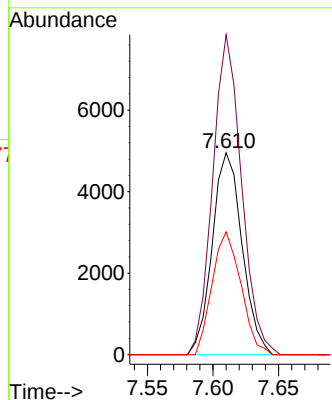
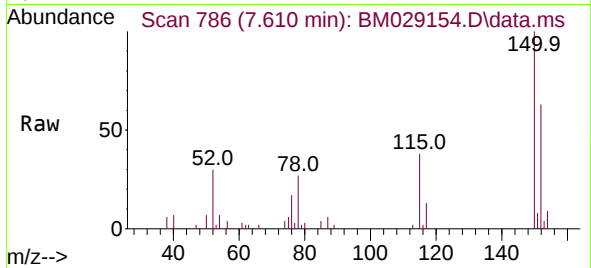




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 786
Delta R.T. -0.012 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

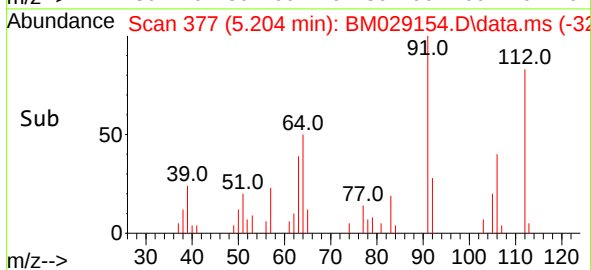
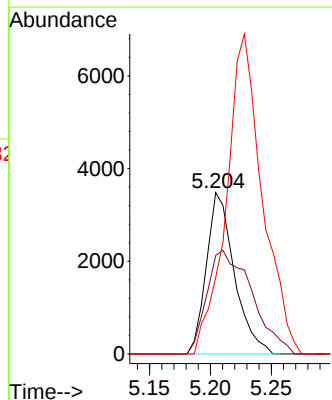
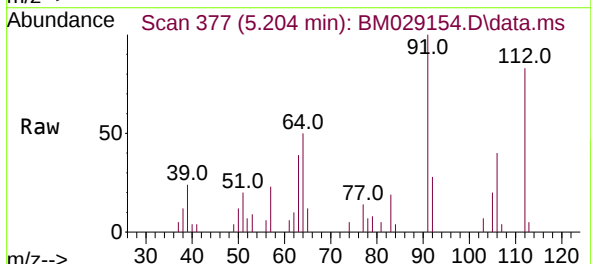
Instrument :
BNA_M
ClientSampleId :
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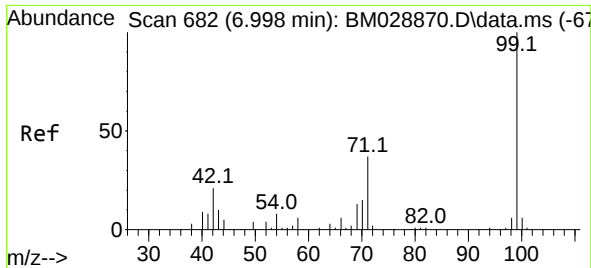
Tgt Ion:152 Resp: 7839
Ion Ratio Lower Upper
152 100
150 158.5 120.6 181.0
115 60.9 47.2 70.8



#5
2-Fluorophenol
Concen: 11.73 ng
RT: 5.204 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

Tgt Ion:112 Resp: 5546
Ion Ratio Lower Upper
112 100
64 61.1 50.6 76.0
63 47.5 31.0 46.6#

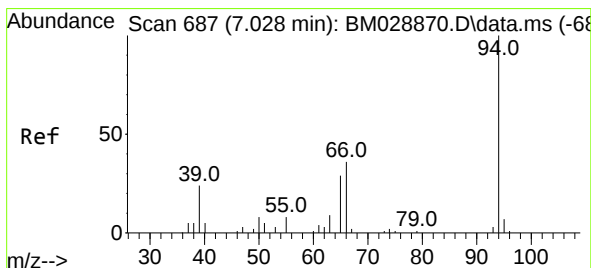
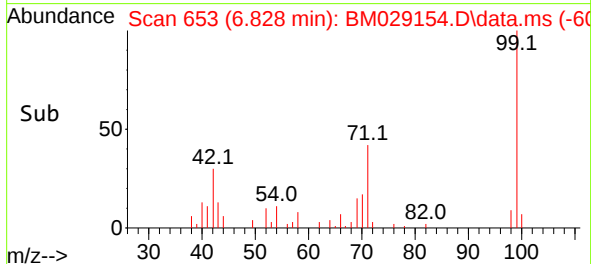
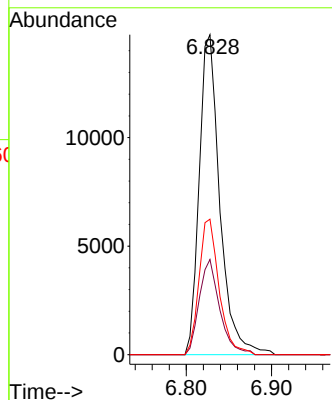
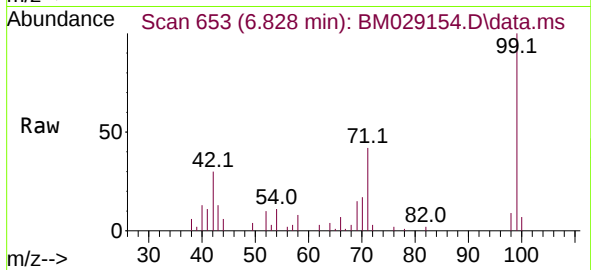




#7
Phenol-d6
Concen: 39.63 ng
RT: 6.828 min Scan# 653
Delta R.T. 0.006 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

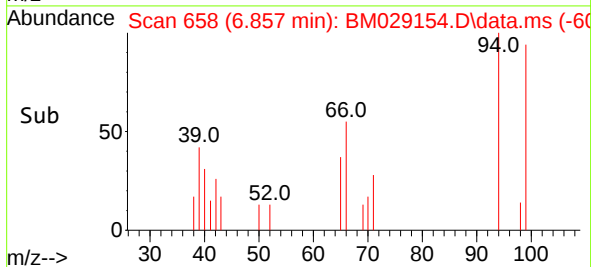
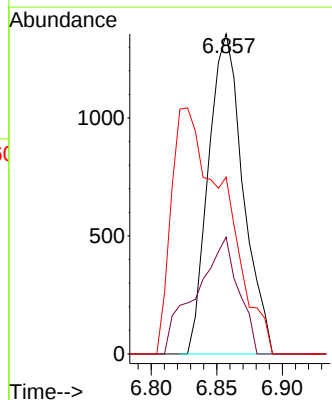
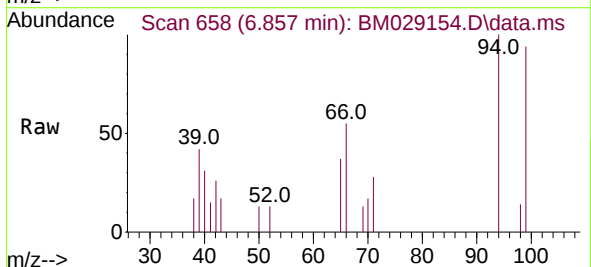
Instrument :
BNA_M
ClientSampleId :
D2470-D2800(WATER)RE

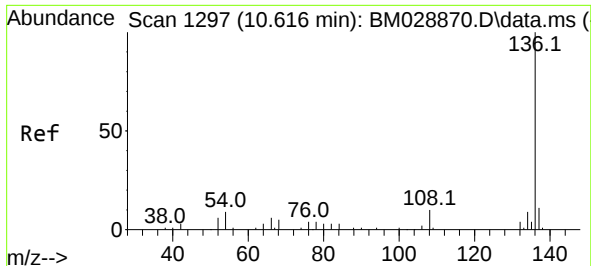
Tgt Ion: 99 Resp: 24754
Ion Ratio Lower Upper
99 100
42 29.8 13.5 20.3#
71 42.4 39.4 59.0



#10
Phenol
Concen: 4.02 ng
RT: 6.857 min Scan# 658
Delta R.T. 0.006 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

Tgt Ion: 94 Resp: 2493
Ion Ratio Lower Upper
94 100
65 36.5 16.4 56.4
66 55.2 30.2 70.2

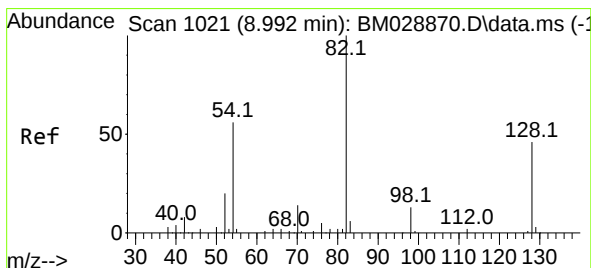
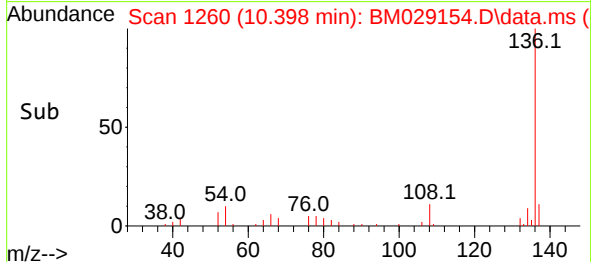
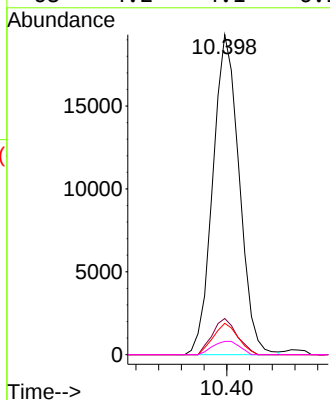
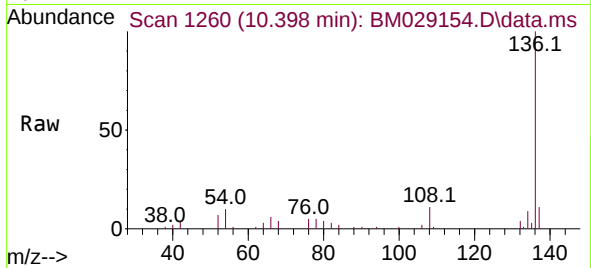




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

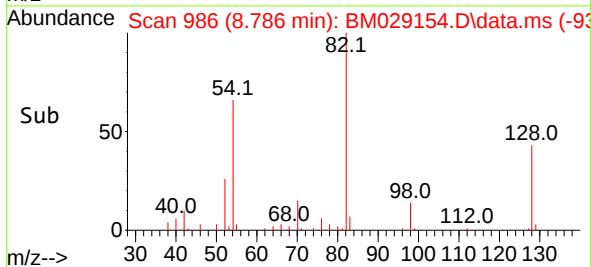
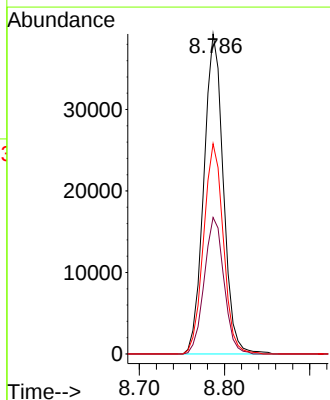
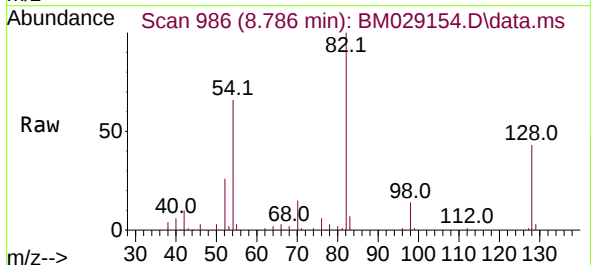
Instrument :
BNA_M
ClientSampleId :
D2470-D2800(WATER)RE

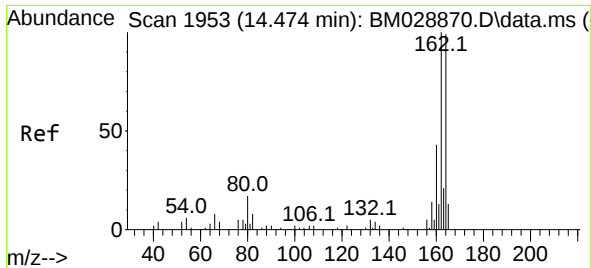
Tgt Ion:	136	Resp:	31169
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	9.8	4.6	7.0#
68	4.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 107.91 ng
RT: 8.786 min Scan# 986
Delta R.T. -0.012 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

Tgt Ion:	82	Resp:	62344
Ion	Ratio	Lower	Upper
82	100		
128	42.6	27.4	41.0#
54	65.7	31.4	47.0#

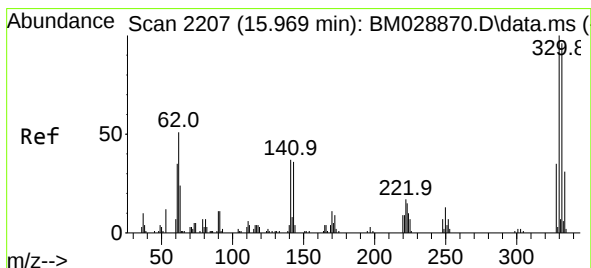
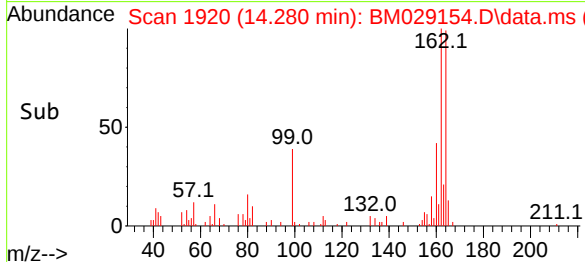
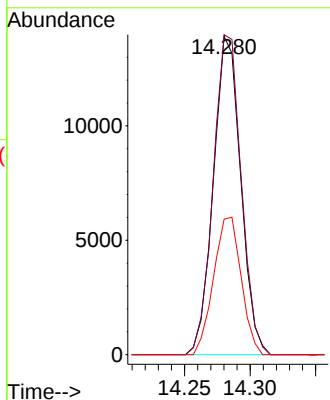
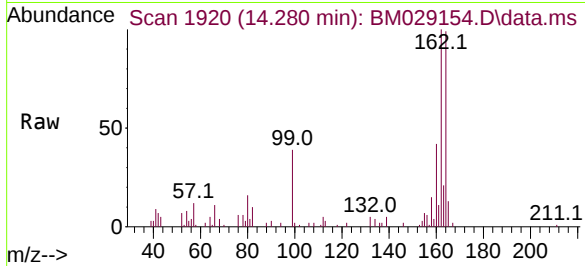




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.280 min Scan# 1920
Delta R.T. -0.018 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

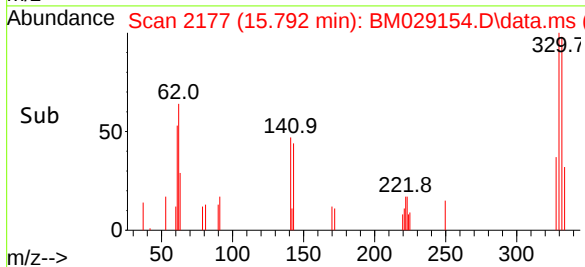
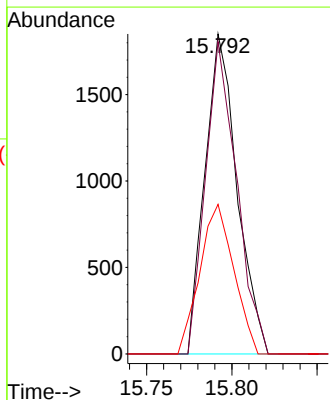
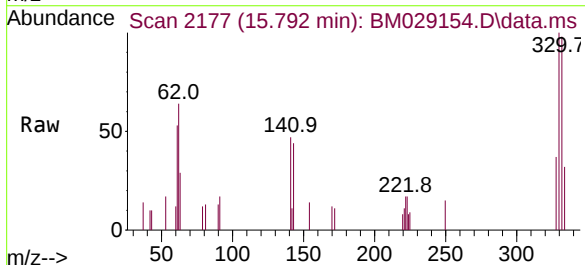
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D2470-D2800(WATER)RE

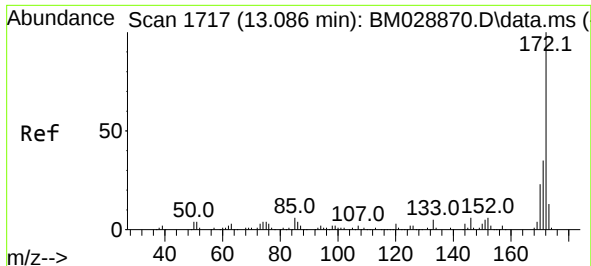
Tgt Ion:164 Resp: 20132
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 42.6 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 10.16 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

Tgt Ion:330 Resp: 2425
Ion Ratio Lower Upper
330 100
332 94.6 77.8 116.8
141 49.4 28.4 42.6#

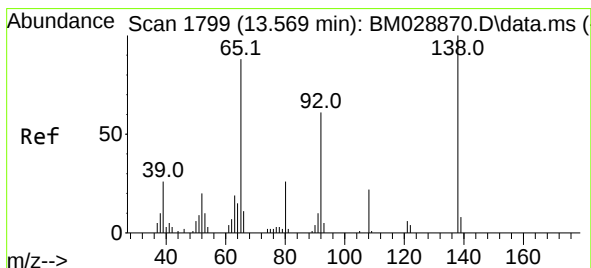
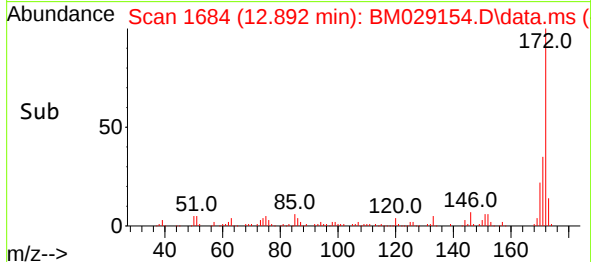
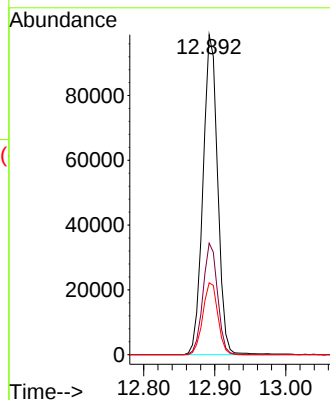
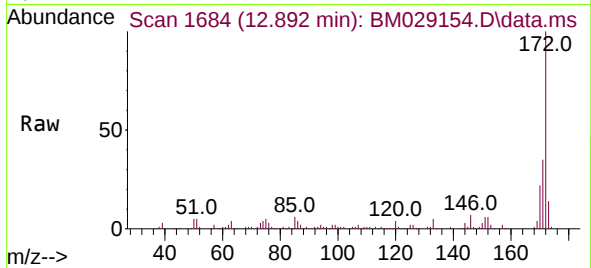




#45
2-Fluorobiphenyl
Concen: 94.18 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

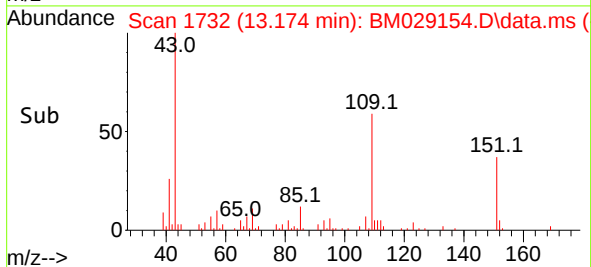
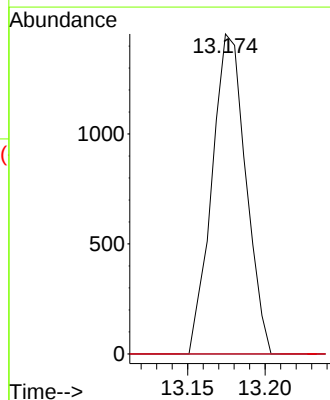
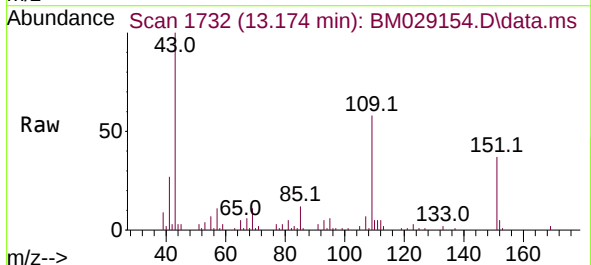
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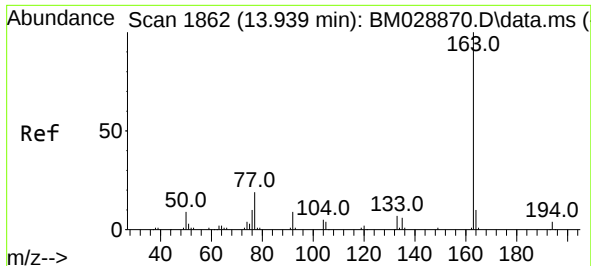
Tgt Ion:172 Resp: 142431
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 22.4 18.6 27.8



#48
2-Nitroaniline
Concen: 6.24 ng
RT: 13.174 min Scan# 1732
Delta R.T. -0.218 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

Tgt Ion: 65 Resp: 2211
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 72.7 109.1#

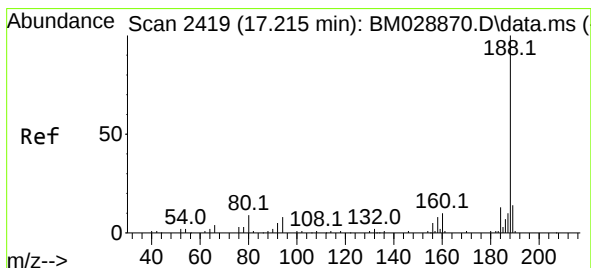
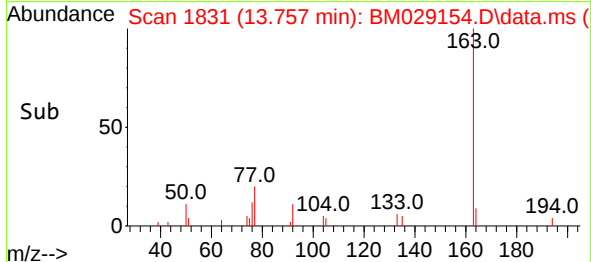
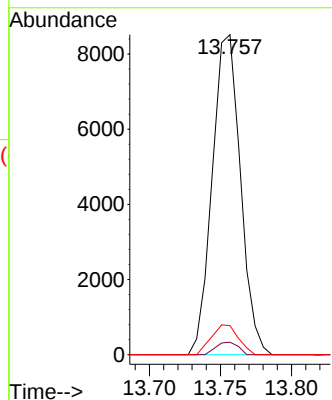
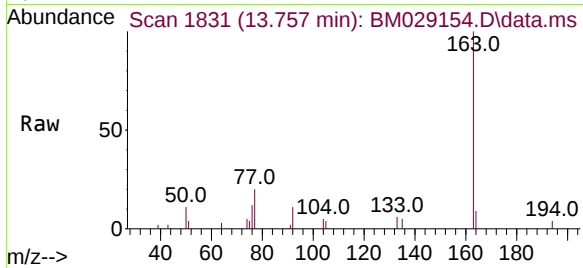




#50
Dimethylphthalate
Concen: 7.71 ng
RT: 13.757 min Scan# 1831
Delta R.T. -0.012 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

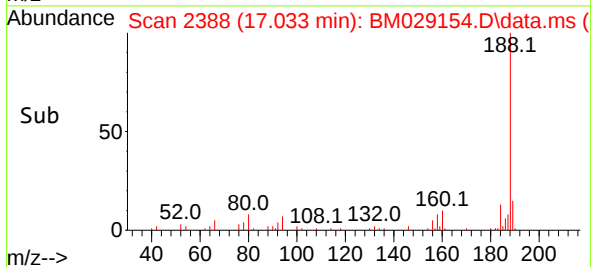
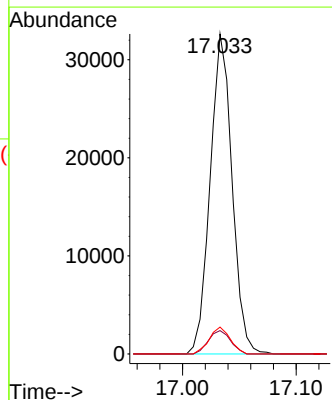
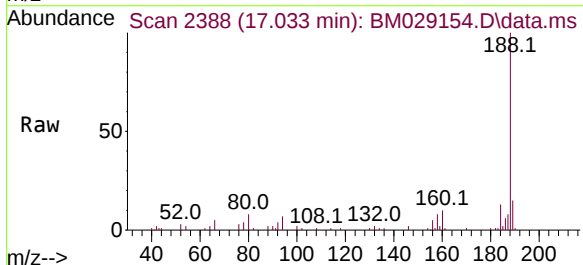
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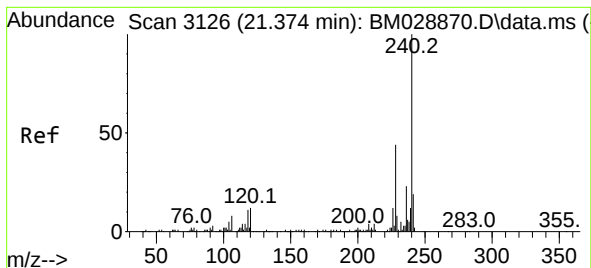
Tgt Ion:163 Resp: 11768
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 9.1 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.033 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM029154.D
Acq: 16 Mar 2021 18:29

Tgt Ion:188 Resp: 43754
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 8.4 7.5 11.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.215 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BM029154.D

Acq: 16 Mar 2021 18:29

Tgt Ion:240 Resp: 51848

Ion Ratio Lower Upper

240 100

120 9.7 6.4 9.6#

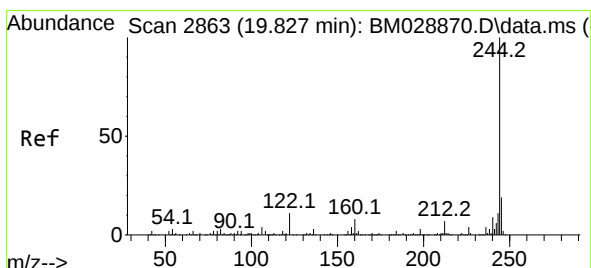
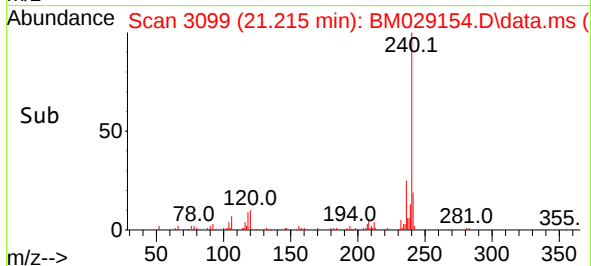
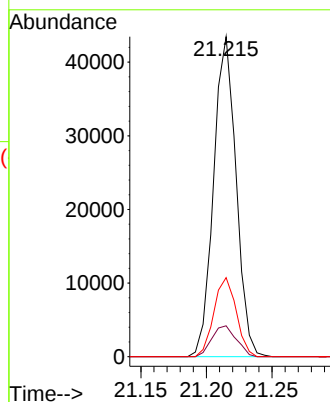
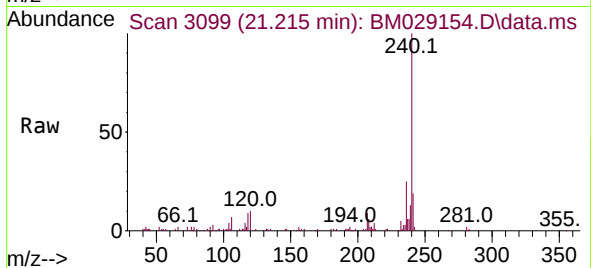
236 24.7 20.1 30.1

Instrument :

BNA_M

ClientSampleId :

D2470-D2800(WATER)RE



#79

Terphenyl-d14

Concen: 97.34 ng

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM029154.D

Acq: 16 Mar 2021 18:29

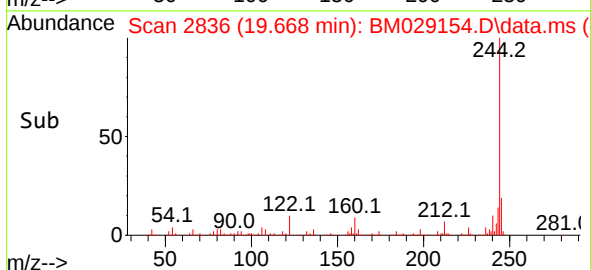
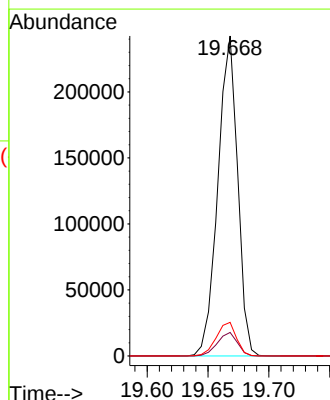
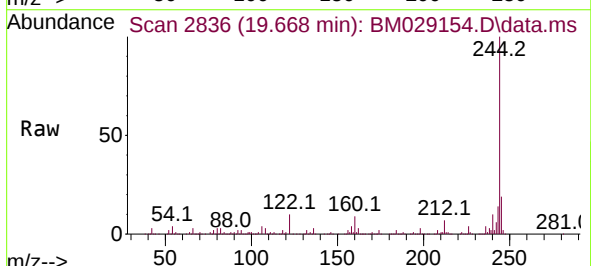
Tgt Ion:244 Resp: 273326

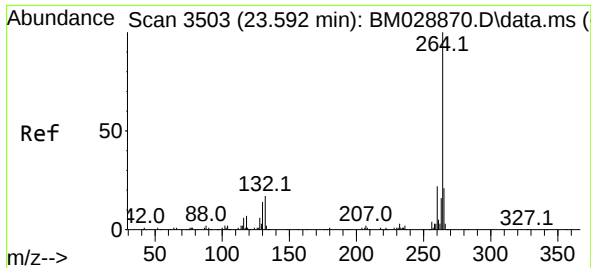
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.5 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.356 min Scan# 3463
 Delta R.T. -0.012 min
 Lab File: BM029154.D
 Acq: 16 Mar 2021 18:29

Instrument :
 BNA_M
 ClientSampleId :
 D2470-D2800(WATER)RE

Tgt Ion:264	Resp:	52104
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.0 28.4
265	21.0	17.7 26.5

