

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
 Data File : BM035612.D
 Acq On : 22 Jun 2022 22:19
 Operator : CG/JU
 Sample : N3426-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B2202-30

Quant Time: Jun 23 07:37:36 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)

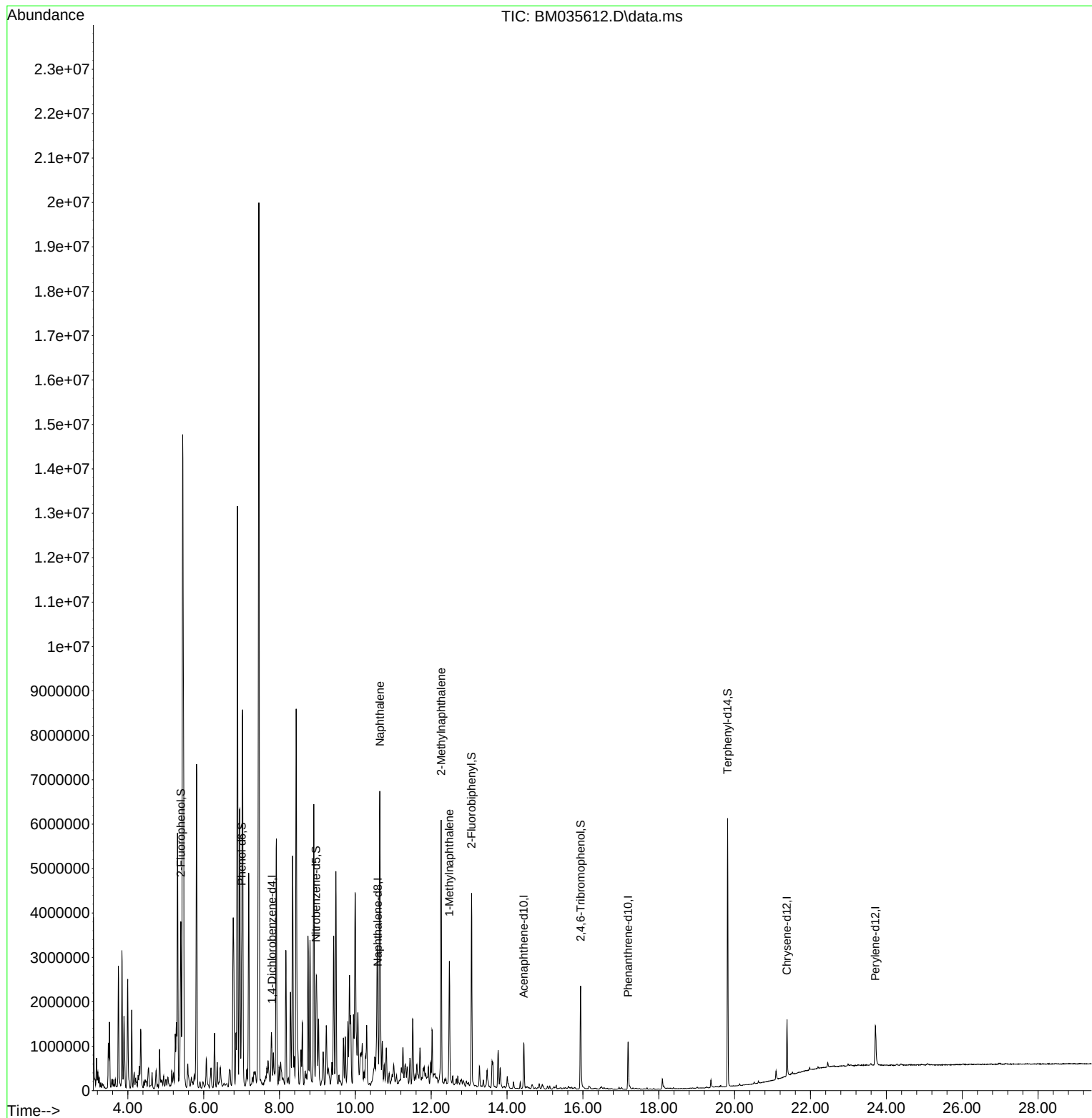
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	171555	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	671400	20.000	ng	# 0.00
39) Acenaphthene-d10	14.439	164	368183	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	689607	20.000	ng	0.00
76) Chrysene-d12	21.380	240	663407	20.000	ng	0.00
86) Perylene-d12	23.709	264	739161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1390242	137.422	ng	0.00
7) Phenol-d6	7.004	99	1718162	122.558	ng	0.00
23) Nitrobenzene-d5	8.963	82	1035077	83.779	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	501746	128.000	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2276177	88.320	ng	0.00
79) Terphenyl-d14	19.815	244	2896278	83.358	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.645	128	4277673	127.200	ng	99
37) 2-Methylnaphthalene	12.263	142	3004193	129.719	ng	97
38) 1-Methylnaphthalene	12.480	142	1363547	60.239	ng	98

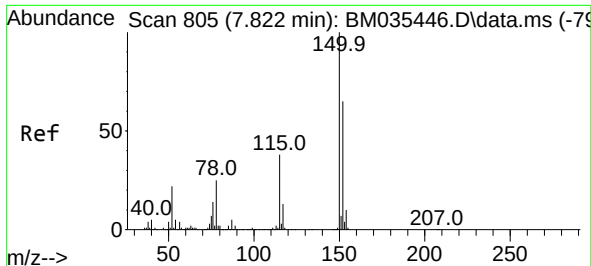
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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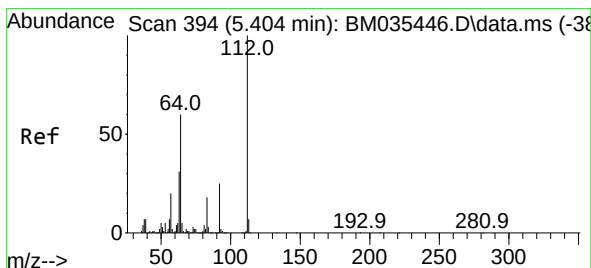
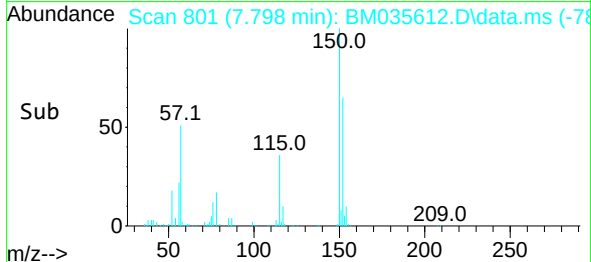
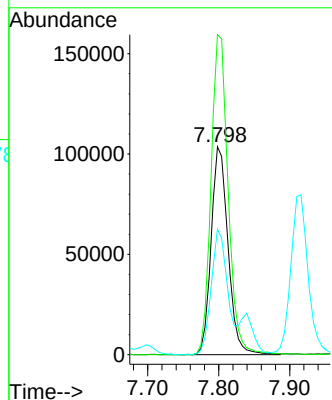
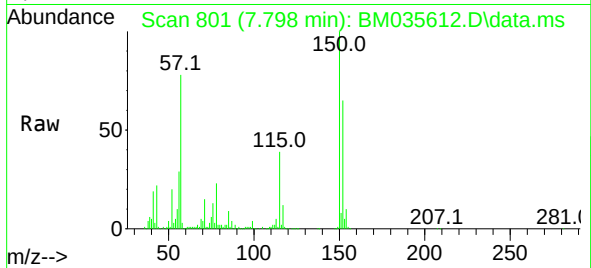




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 805
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

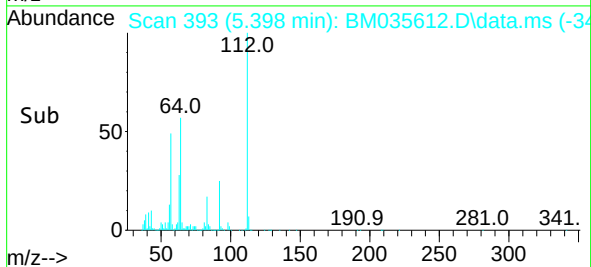
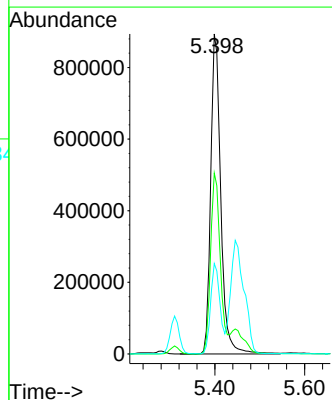
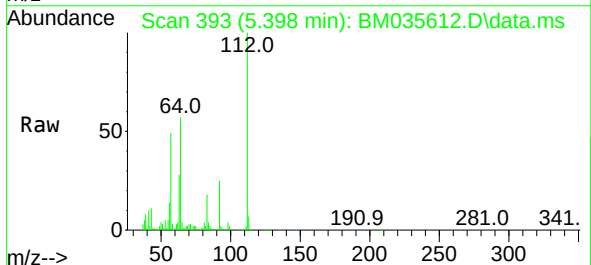
Instrument :
BNA_M
ClientSampleId :
B2202-30

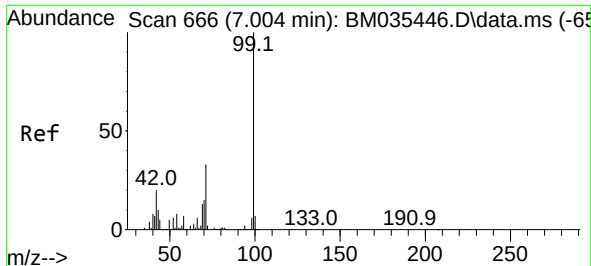
Tgt Ion:152 Resp: 171555
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 60.3 47.9 71.9



#5
2-Fluorophenol
Concen: 137.422 ng
RT: 5.398 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:112 Resp: 1390242
Ion Ratio Lower Upper
112 100
64 56.6 47.8 71.6
63 28.3 26.6 40.0

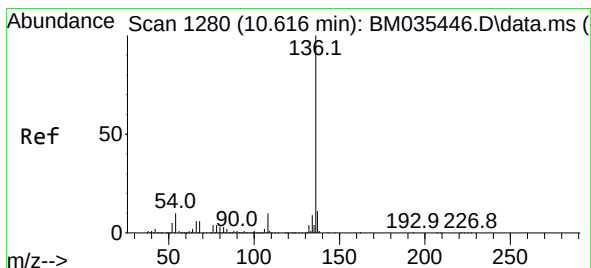
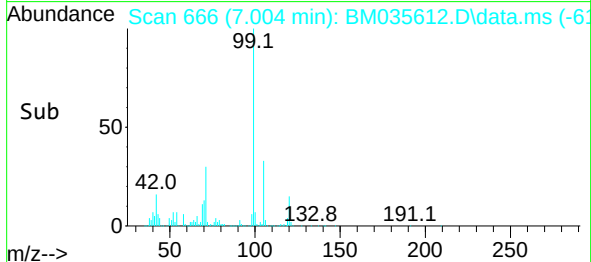
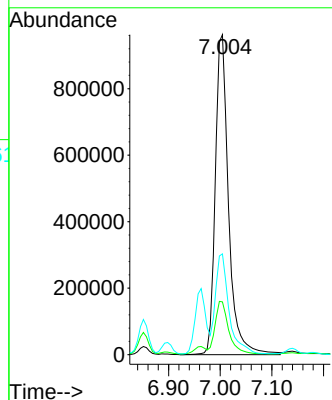
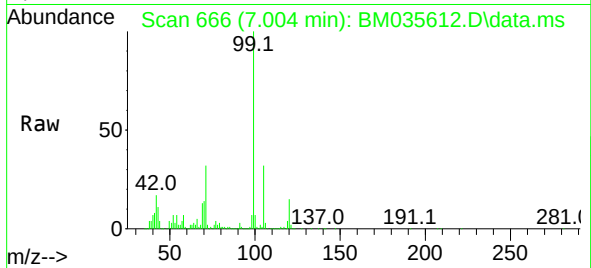




#7
Phenol-d6
Concen: 122.558 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

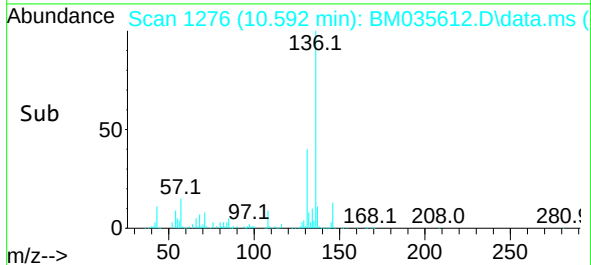
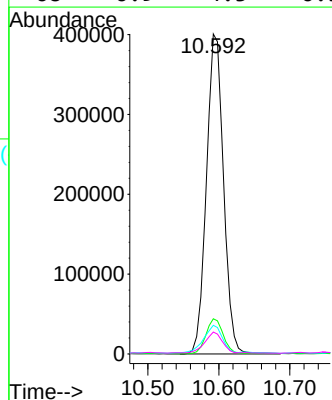
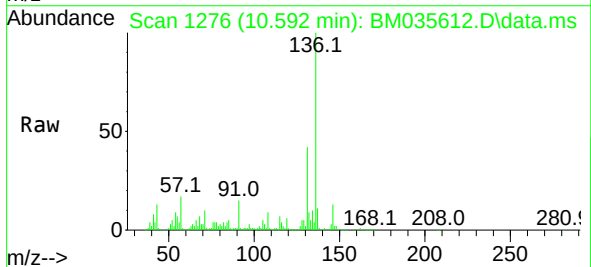
Instrument :
BNA_M
ClientSampleId :
B2202-30

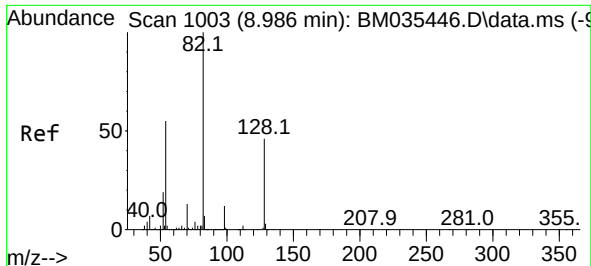
Tgt Ion: 99 Resp: 1718162
Ion Ratio Lower Upper
99 100
42 16.5 18.8 28.2#
71 31.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:136 Resp: 671400
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.9 7.0 10.4
68 6.9 4.3 6.5#

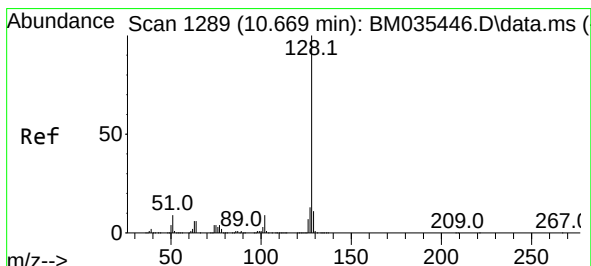
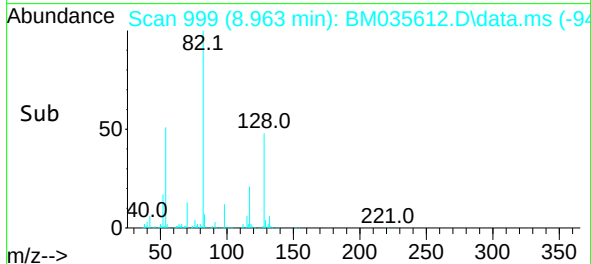
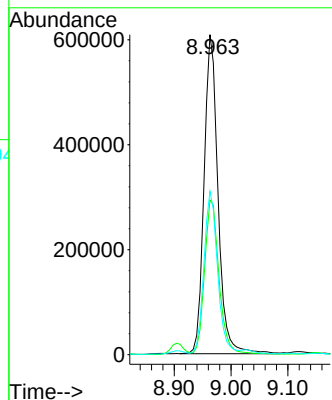
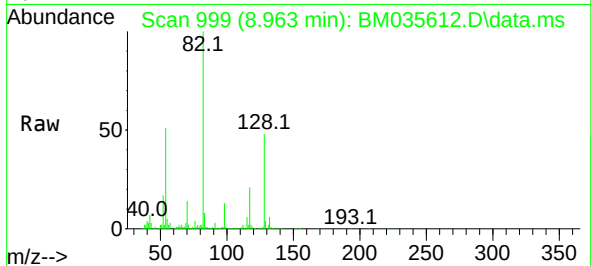




#23
Nitrobenzene-d5
Concen: 83.779 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

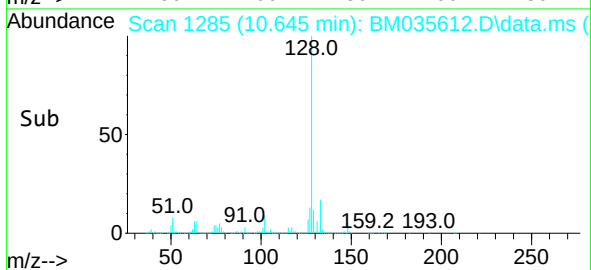
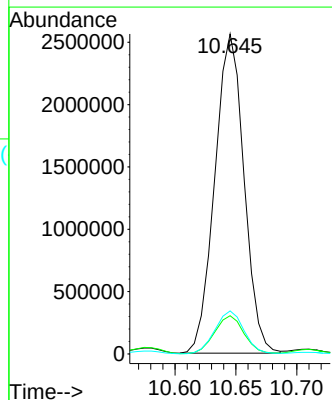
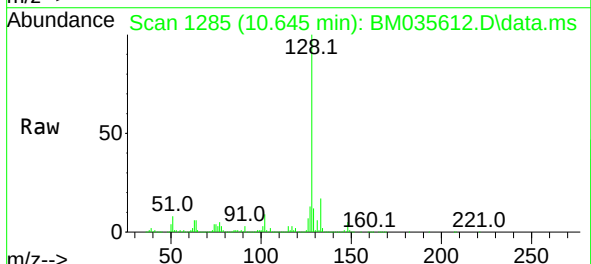
Instrument :
BNA_M
ClientSampleId :
B2202-30

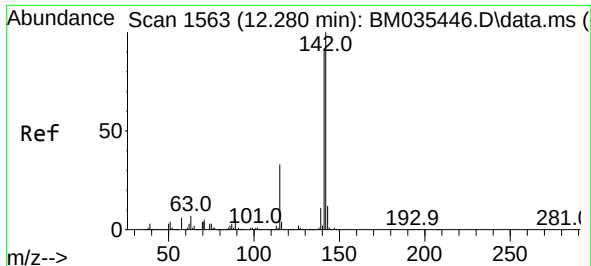
Tgt Ion: 82 Resp: 1035077
Ion Ratio Lower Upper
82 100
128 48.3 33.7 50.5
54 51.0 43.2 64.8



#31
Naphthalene
Concen: 127.200 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion: 128 Resp: 4277673
Ion Ratio Lower Upper
128 100
129 11.9 8.7 13.1
127 13.4 10.6 16.0

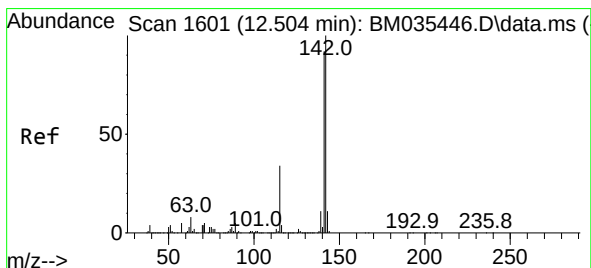
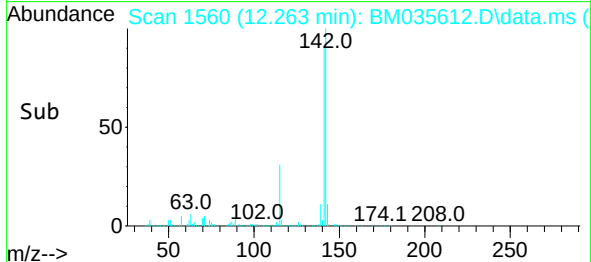
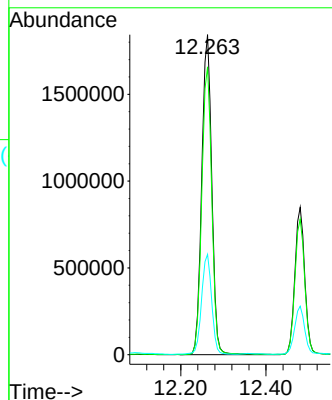
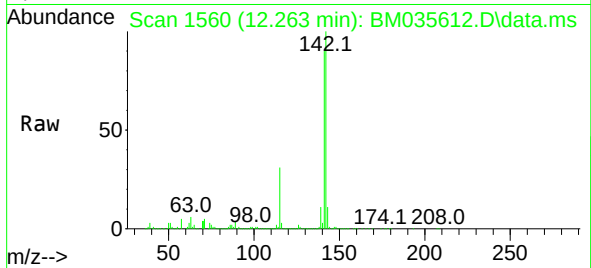




#37
2-Methylnaphthalene
Concen: 129.719 ng
RT: 12.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

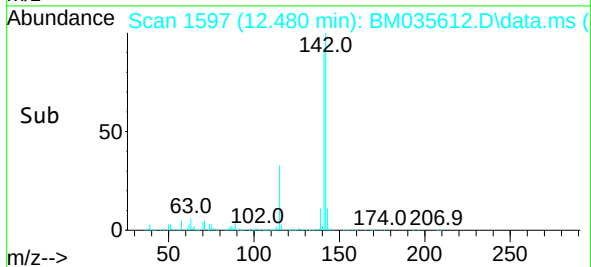
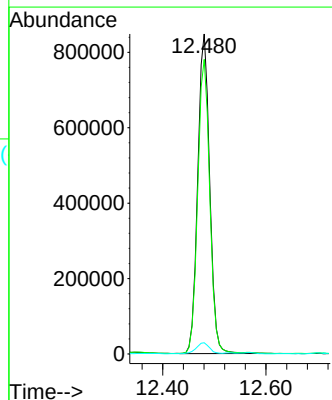
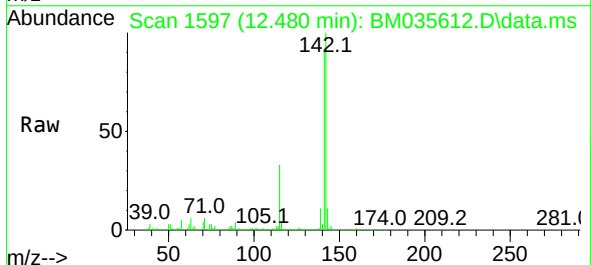
Instrument :
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ClientSampleId :
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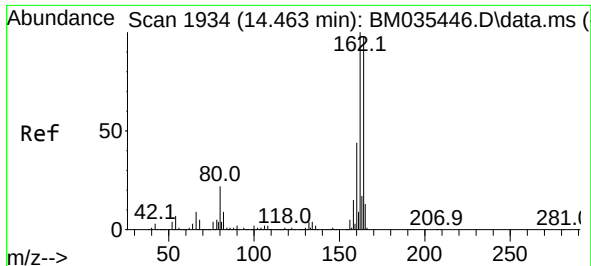
Tgt Ion:142 Resp: 3004193
Ion Ratio Lower Upper
142 100
141 89.9 72.4 108.6
115 31.3 29.6 44.4



#38
1-Methylnaphthalene
Concen: 60.239 ng
RT: 12.480 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:142 Resp: 1363547
Ion Ratio Lower Upper
142 100
141 92.0 75.0 112.4
116 3.5 3.4 5.2

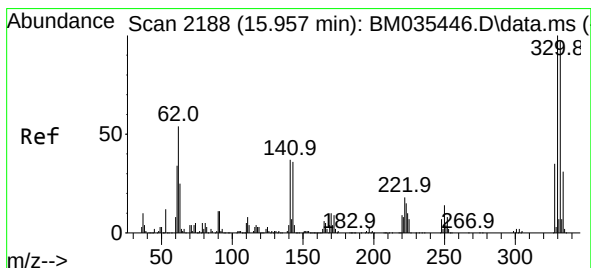
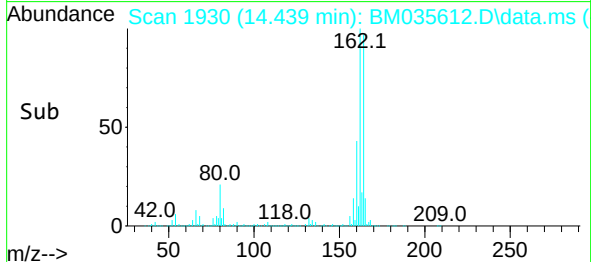
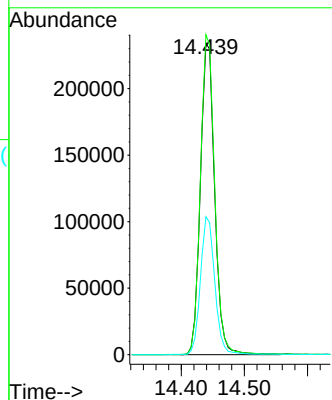
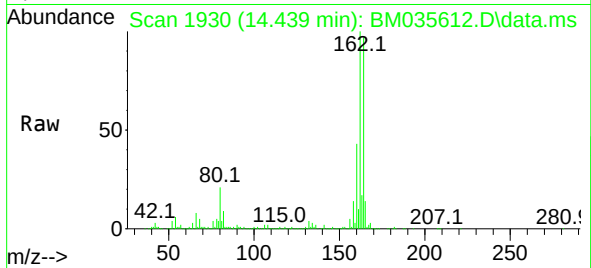




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

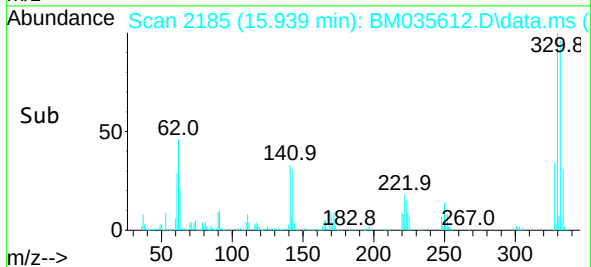
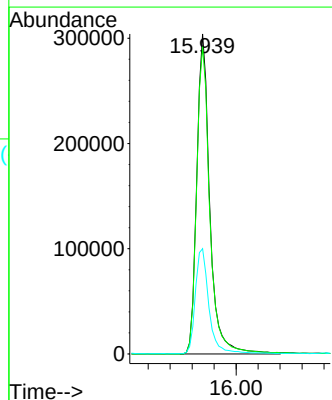
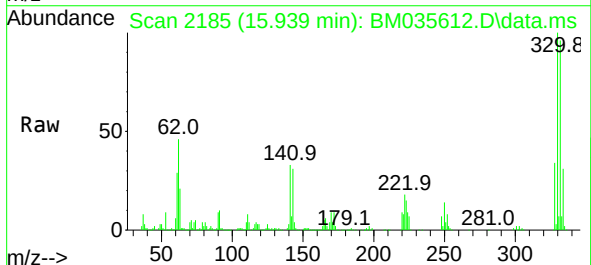
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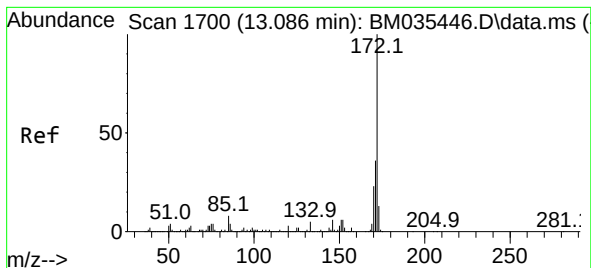
Tgt Ion:164 Resp: 368183
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.6
160 44.3 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 128.000 ng
RT: 15.939 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:330 Resp: 501746
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 34.2 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 88.320 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035612.D

Acq: 22 Jun 2022 22:19

Instrument :

BNA_M

ClientSampleId :

B2202-30

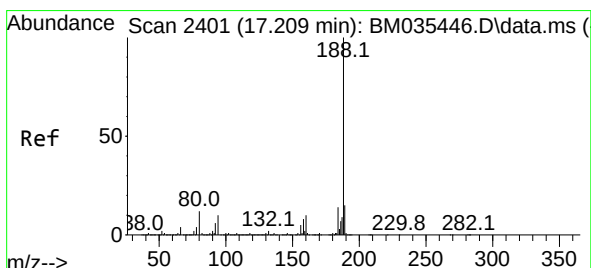
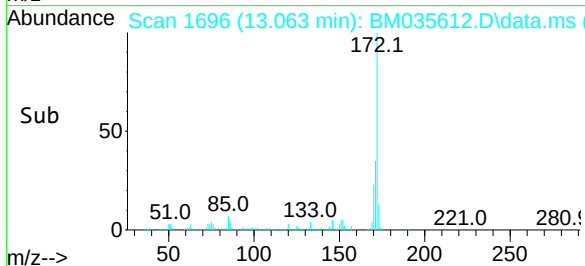
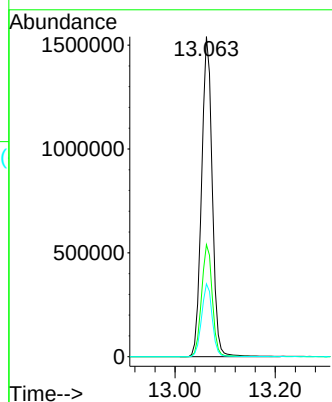
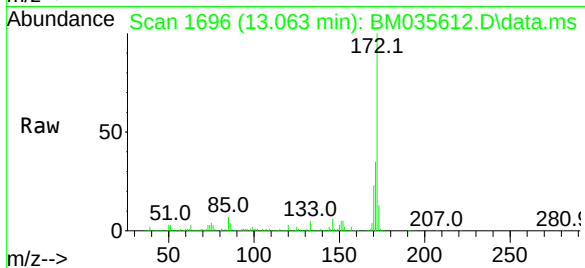
Tgt Ion:172 Resp: 2276177

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 22.7 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BM035612.D

Acq: 22 Jun 2022 22:19

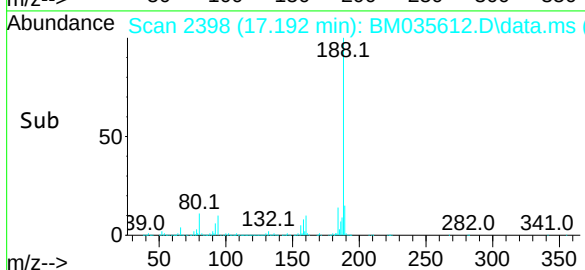
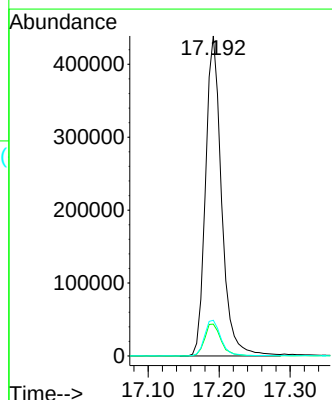
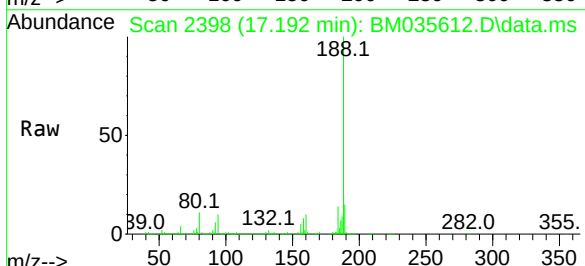
Tgt Ion:188 Resp: 689607

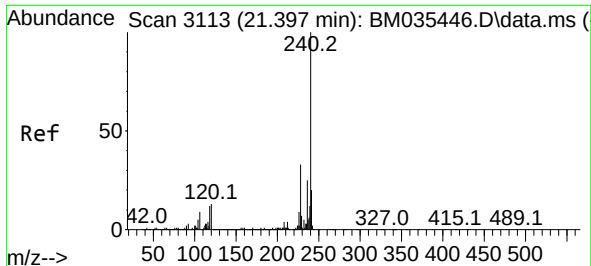
Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

80 11.1 7.6 11.4

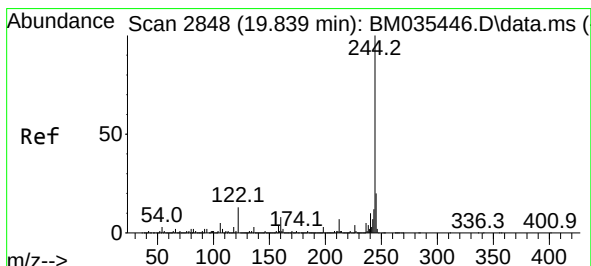
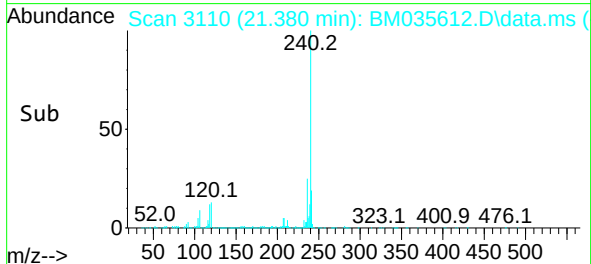
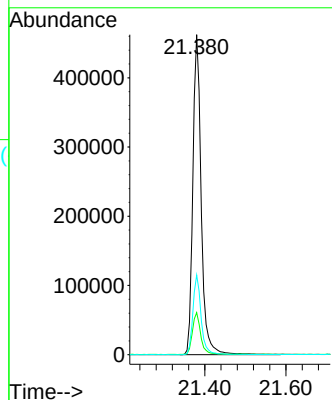
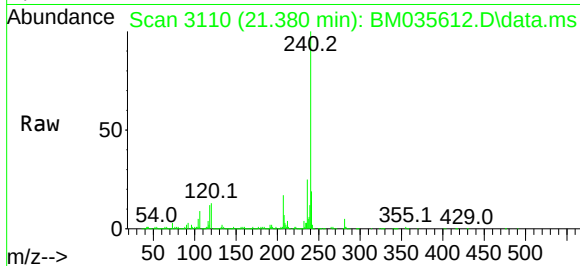




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

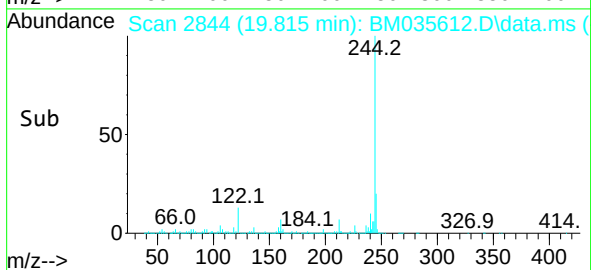
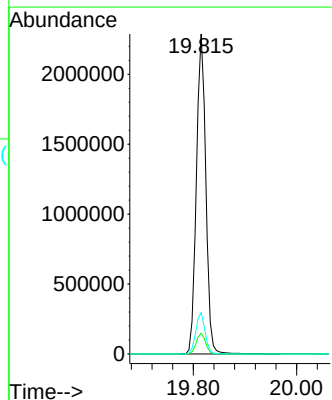
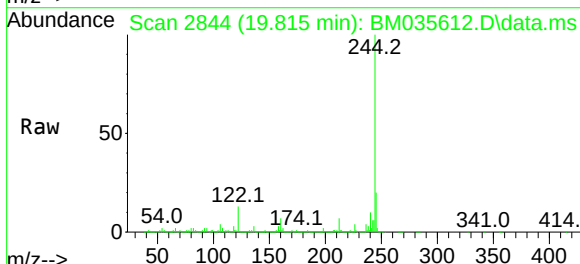
Instrument :
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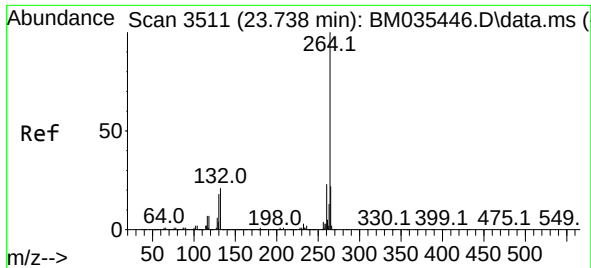
Tgt Ion:240 Resp: 663407
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.0
236 24.9 20.6 30.8



#79
Terphenyl-d14
Concen: 83.358 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:244 Resp: 2896278
Ion Ratio Lower Upper
244 100
212 6.5 6.2 9.4
122 12.9 8.3 12.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Instrument :
BNA_M
ClientSampleId :
B2202-30

Tgt Ion:264 Resp: 739161
Ion Ratio Lower Upper
264 100
260 21.9 18.9 28.3
265 22.4 17.5 26.3

