

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028502.D
 Acq On : 21 Jan 2021 23:33
 Operator : CG/JU
 Sample : M1157-03RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: Jan 22 00:47:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 14:45:01 2021
 Response via : Initial Calibration

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

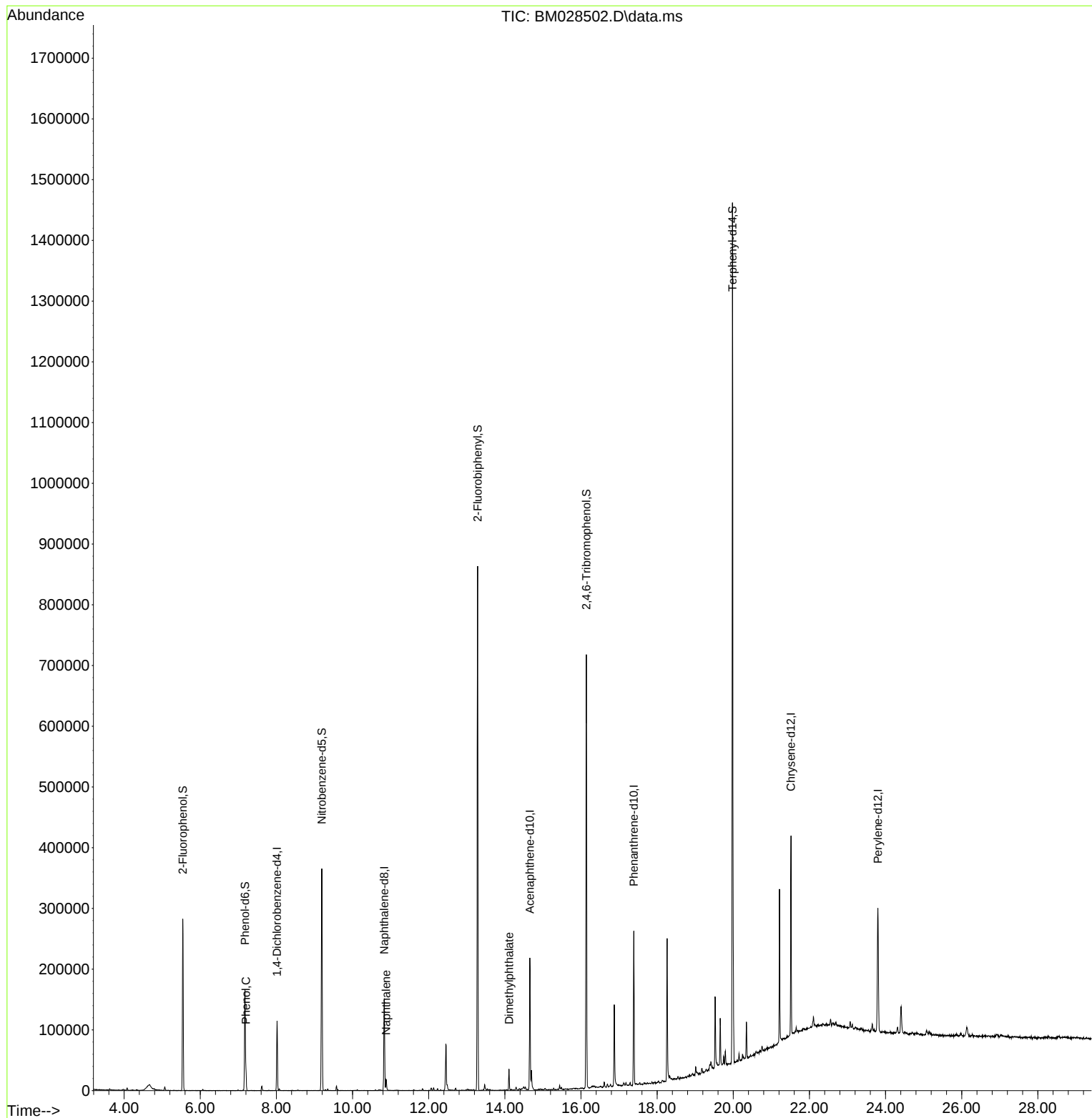
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	29272	20.00	ng	-0.02
21) Naphthalene-d8	10.833	136	119428	20.00	ng	#-0.02
39) Acenaphthene-d10	14.657	164	68035	20.00	ng	-0.02
64) Phenanthrene-d10	17.386	188	138813	20.00	ng	-0.02
76) Chrysene-d12	21.515	240	135608	20.00	ng	#-0.02
86) Perylene-d12	23.797	264	131449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	112161	60.53	ng	-0.01
7) Phenol-d6	7.175	99	85983	34.08	ng	-0.01
23) Nitrobenzene-d5	9.192	82	193671	76.91	ng	-0.02
42) 2,4,6-Tribromophenol	16.139	330	117517	130.37	ng	-0.02
45) 2-Fluorobiphenyl	13.286	172	423467	78.09	ng	-0.01
79) Terphenyl-d14	19.980	244	556905	74.16	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.198	94	14418	6.06	ng	88
31) Naphthalene	10.880	128	14796	2.19	ng	99
50) Dimethylphthalate	14.110	163	19989	3.57	ng	99

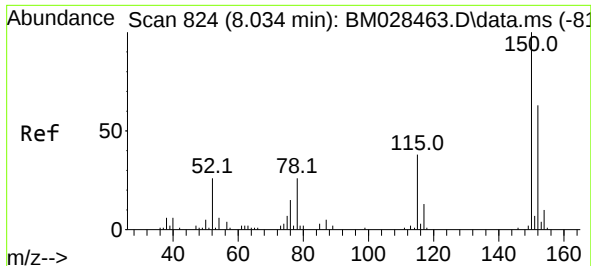
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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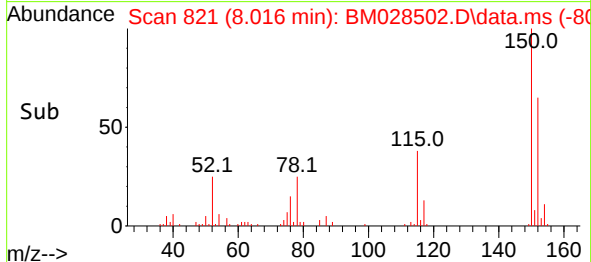
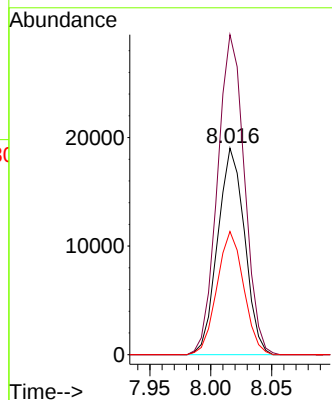
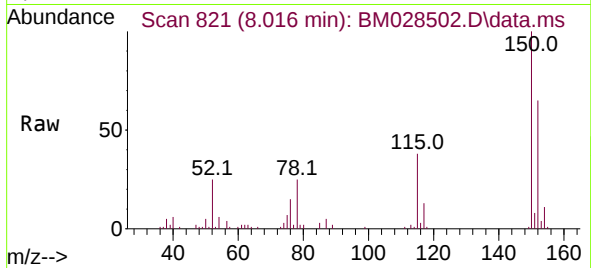




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.016 min Scan# 821
Delta R.T. -0.018 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

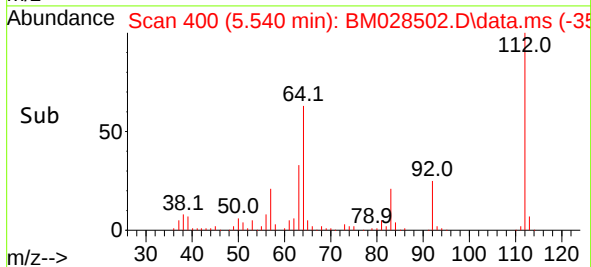
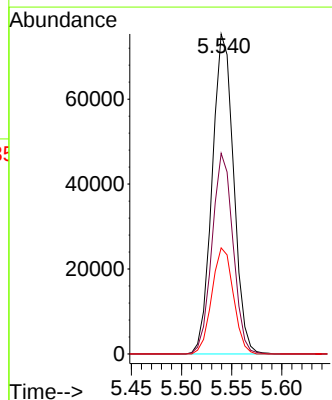
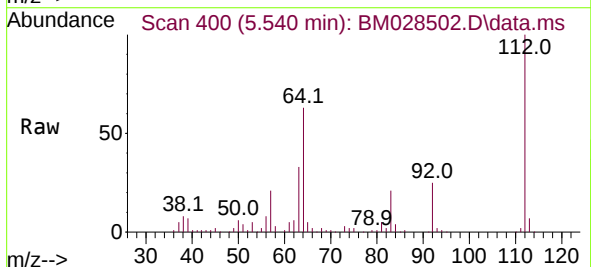
Instrument :
BNA_M
ClientSampled :
MW-4

Tgt Ion:152 Resp: 29272
Ion Ratio Lower Upper
152 100
150 154.9 120.6 181.0
115 59.6 47.2 70.8



#5
2-Fluorophenol
Concen: 60.53 ng
RT: 5.540 min Scan# 400
Delta R.T. -0.012 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

Tgt Ion:112 Resp: 112161
Ion Ratio Lower Upper
112 100
64 62.7 50.6 76.0
63 33.1 31.0 46.6

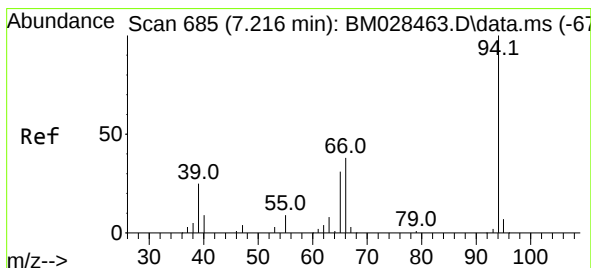
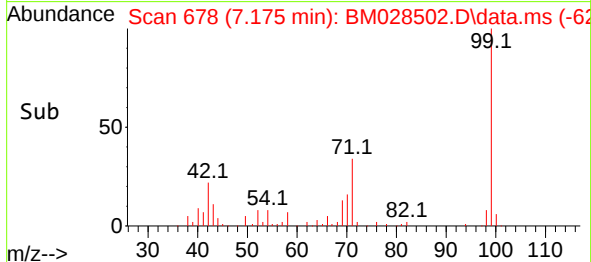
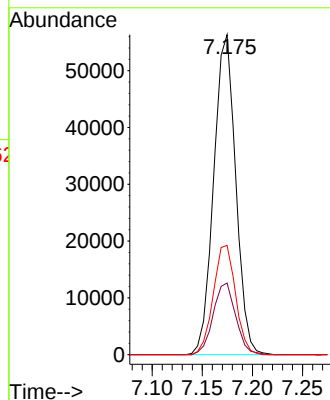
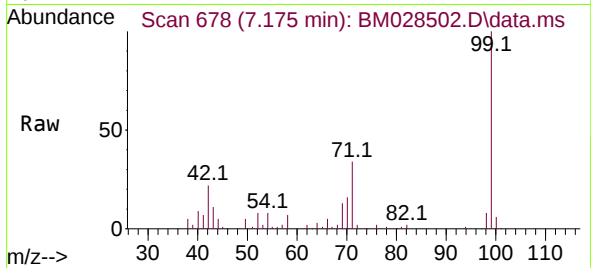




#7
Phenol-d6
Concen: 34.08 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.012 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

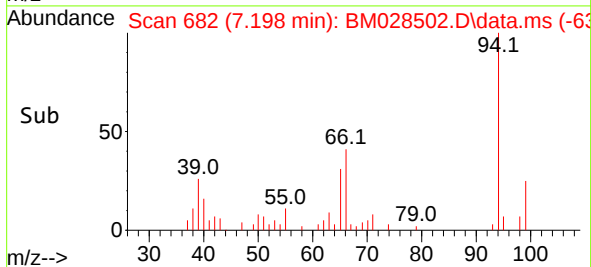
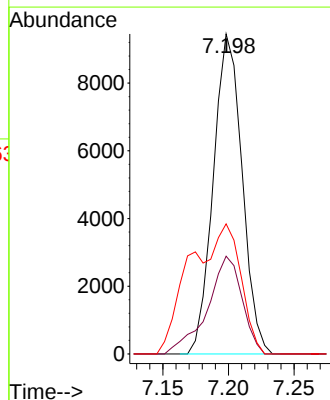
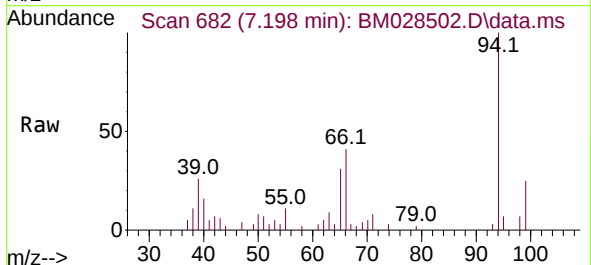
Instrument :
BNA_M
ClientSampled :
MW-4

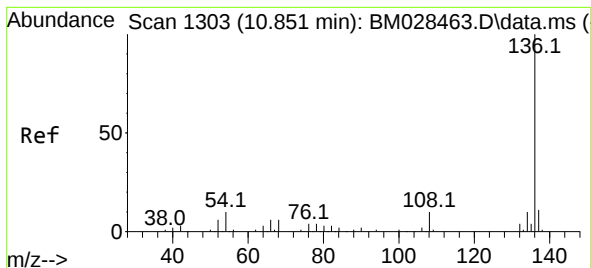
Tgt Ion: 99 Resp: 85983
Ion Ratio Lower Upper
99 100
42 22.4 13.5 20.3#
71 34.2 39.4 59.0#



#10
Phenol
Concen: 6.06 ng
RT: 7.198 min Scan# 682
Delta R.T. -0.018 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

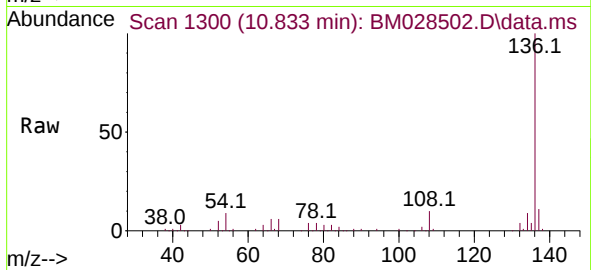
Tgt Ion: 94 Resp: 14418
Ion Ratio Lower Upper
94 100
65 30.5 16.4 56.4
66 40.7 30.2 70.2



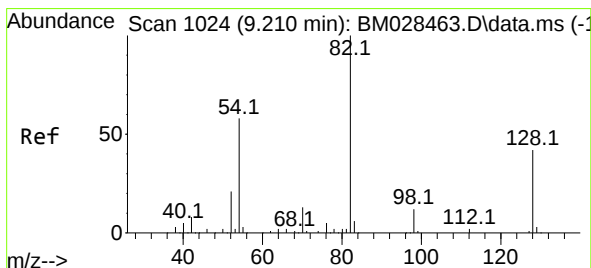
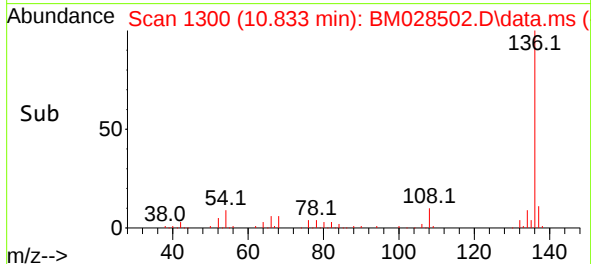
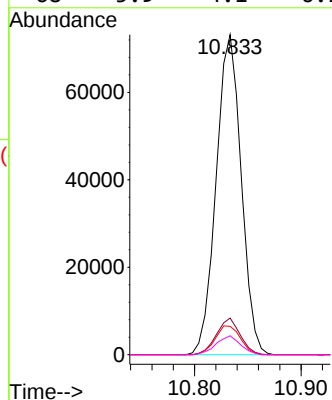


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.833 min Scan# 1300
Delta R.T. -0.018 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

Instrument :
BNA_M
ClientSampled :
MW-4

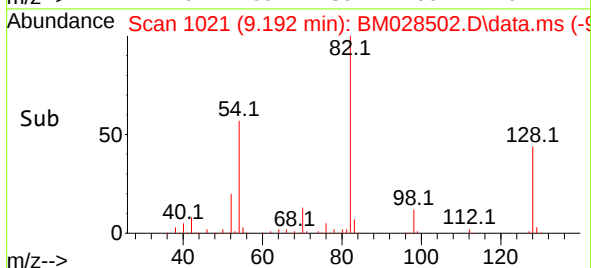
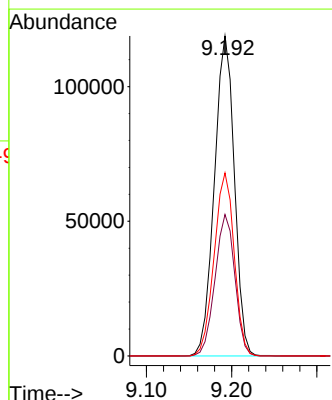
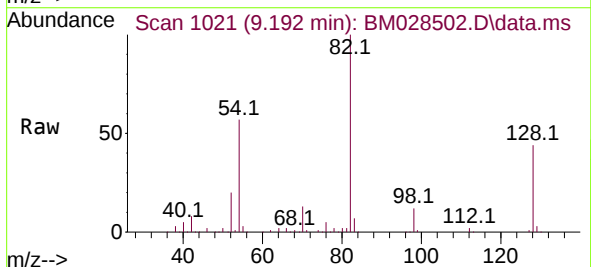


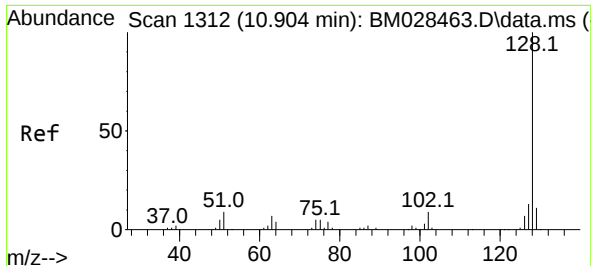
Tgt Ion:136 Resp: 119428
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 8.8 4.6 7.0#
68 5.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 76.91 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.018 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

Tgt Ion: 82 Resp: 193671
Ion Ratio Lower Upper
82 100
128 44.2 27.4 41.0#
54 57.2 31.4 47.0#

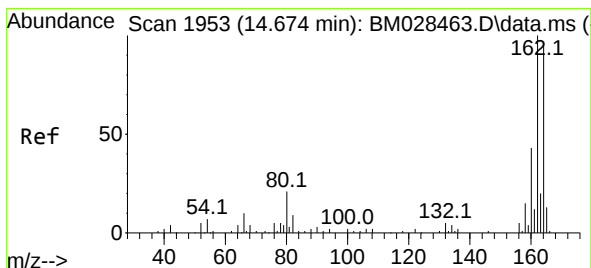
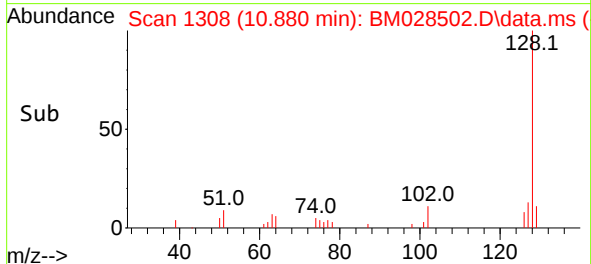
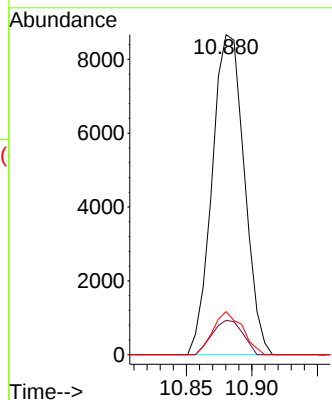
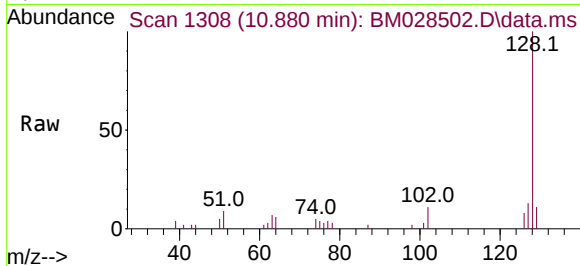




#31
Naphthalene
Concen: 2.19 ng
RT: 10.880 min Scan# 1308
Delta R.T. -0.024 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

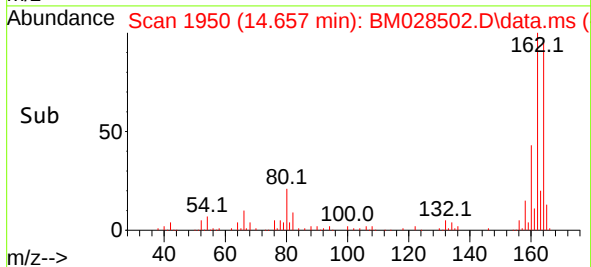
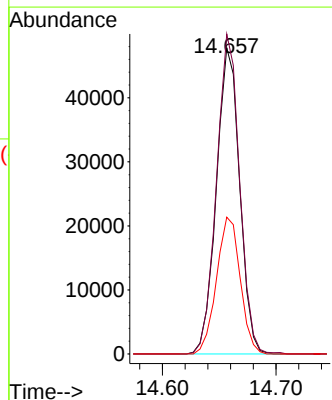
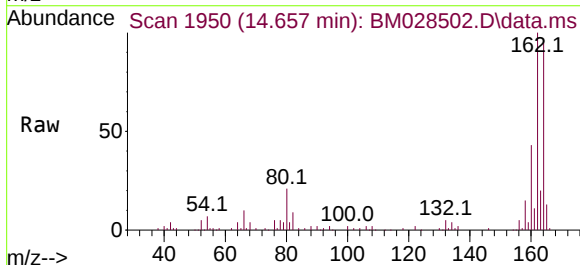
Instrument :
BNA_M
ClientSampled :
MW-4

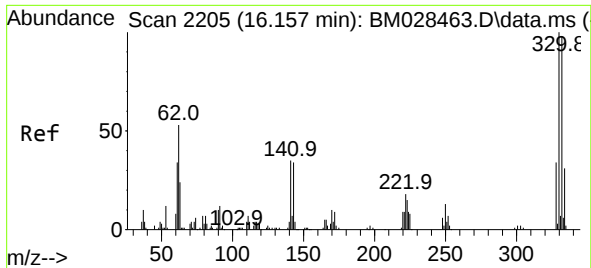
Tgt Ion:	128	Resp:	14796
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.4
127	13.5	10.6	15.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

Tgt Ion:	164	Resp:	68035
Ion Ratio	Lower	Upper	
164	100		
162	104.6	80.4	120.6
160	44.7	35.9	53.9

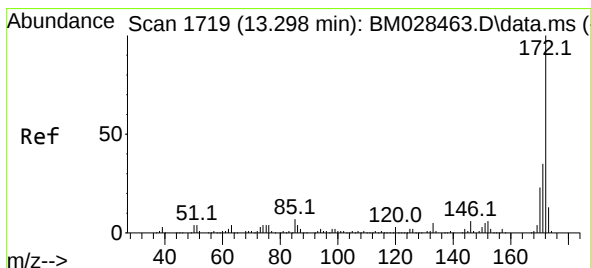
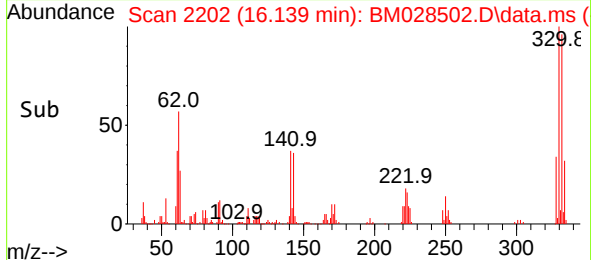
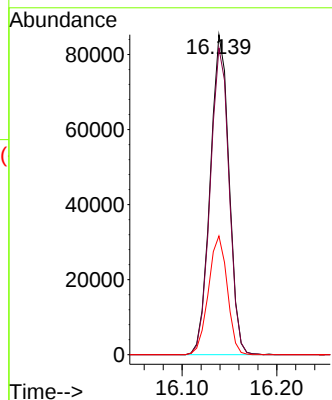
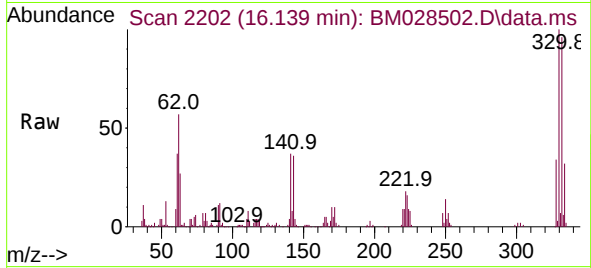




#42
2,4,6-Tribromophenol
Concen: 130.37 ng
RT: 16.139 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

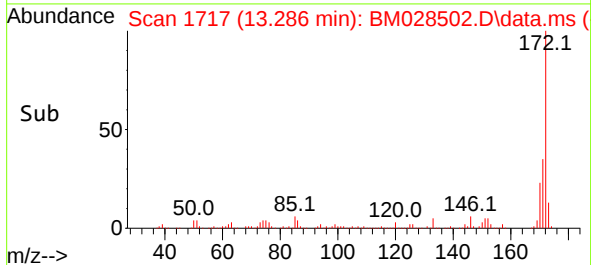
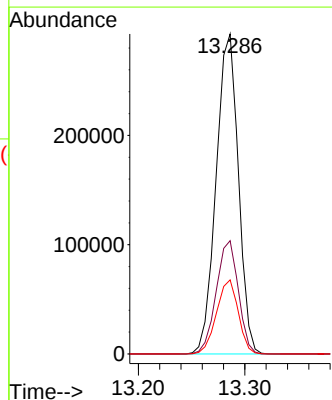
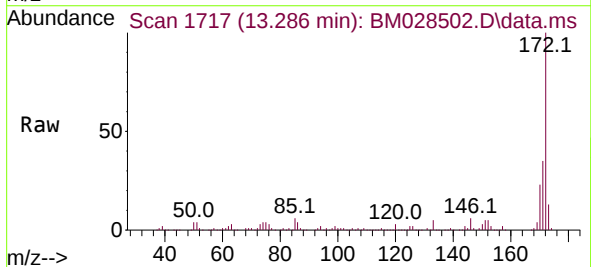
Instrument :
BNA_M
ClientSampleId :
MW-4

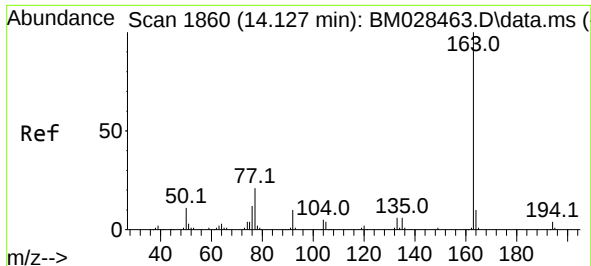
Tgt Ion:330 Resp: 117517
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 37.0 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 78.09 ng
RT: 13.286 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

Tgt Ion:172 Resp: 423467
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.2 18.6 27.8

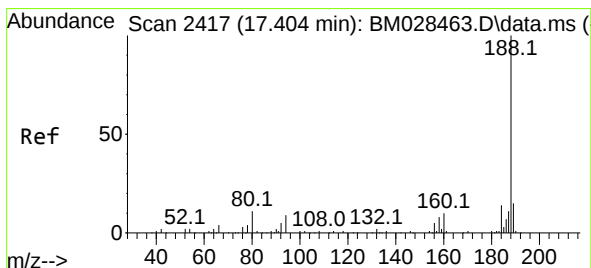
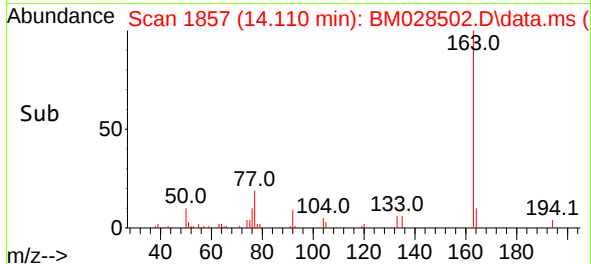
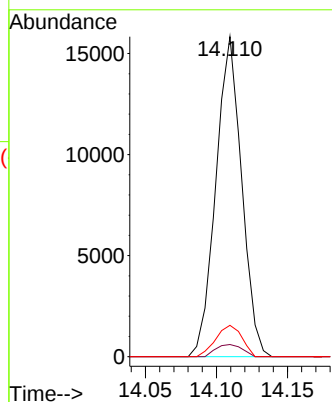
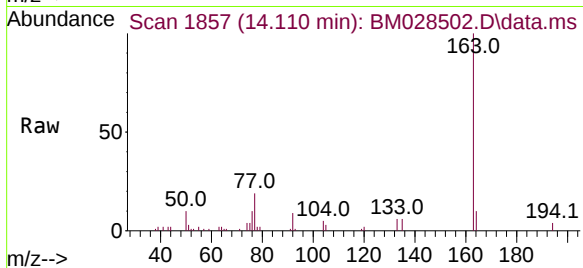




#50
Dimethylphthalate
Concen: 3.57 ng
RT: 14.110 min Scan# 1857
Delta R.T. -0.018 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

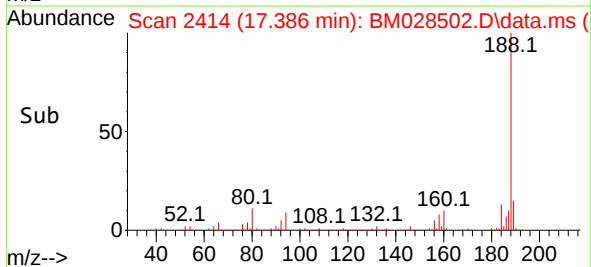
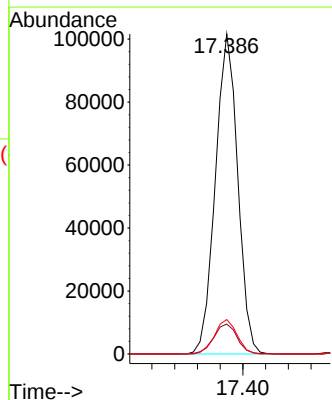
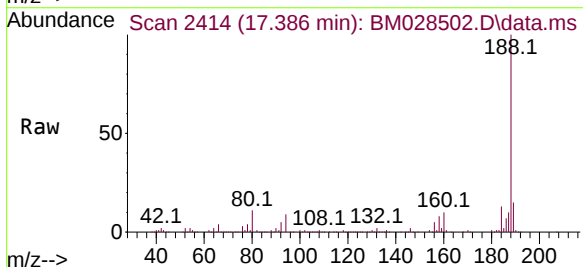
Instrument :
BNA_M
ClientSampled :
MW-4

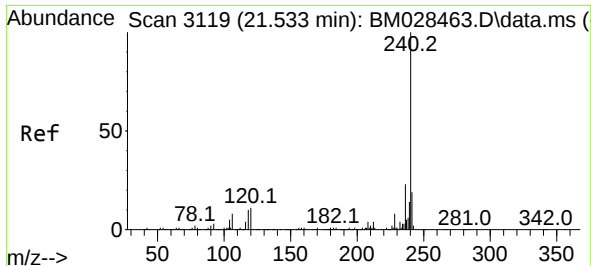
Tgt Ion:163 Resp: 19989
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.8 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

Tgt Ion:188 Resp: 138813
Ion Ratio Lower Upper
188 100
94 9.3 6.2 9.4
80 10.7 7.5 11.3

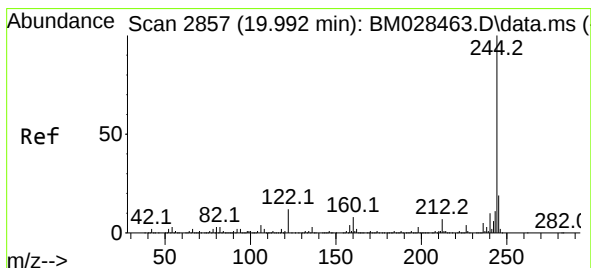
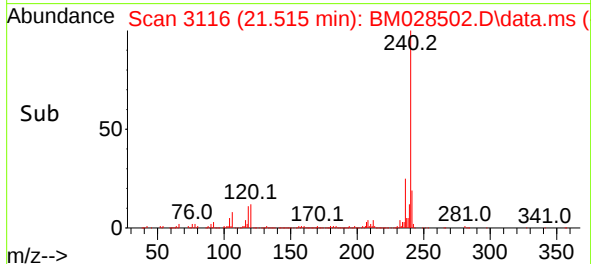
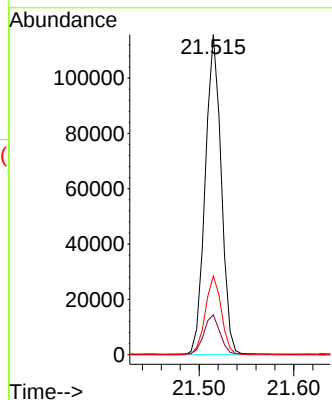
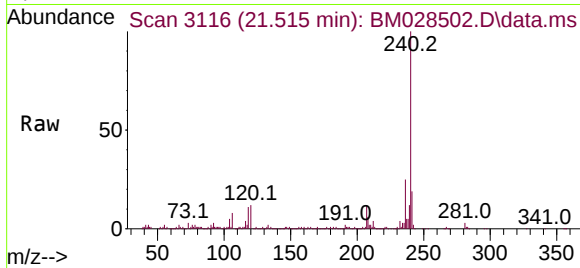




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

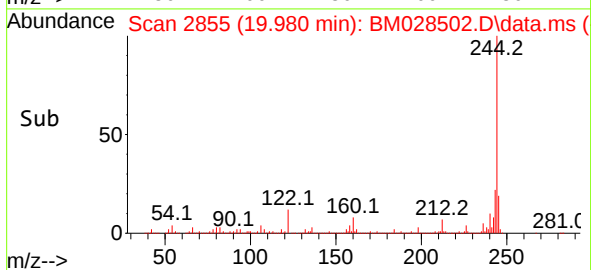
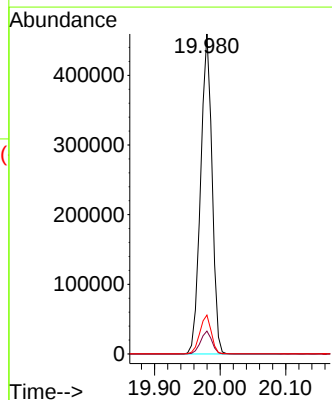
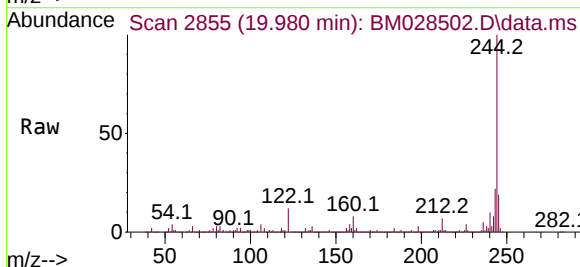
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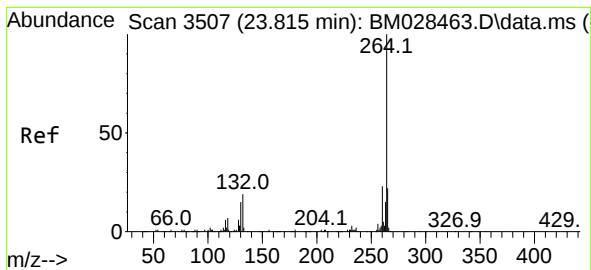
Tgt Ion:240 Resp: 135608
Ion Ratio Lower Upper
240 100
120 12.4 6.4 9.6#
236 24.6 20.1 30.1



#79
Terphenyl-d14
Concen: 74.16 ng
RT: 19.980 min Scan# 2855
Delta R.T. -0.012 min
Lab File: BM028502.D
Acq: 21 Jan 2021 23:33

Tgt Ion:244 Resp: 556905
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.1 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.797 min Scan# 3504
 Delta R.T. -0.018 min
 Lab File: BM028502.D
 Acq: 21 Jan 2021 23:33

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Tgt Ion:264 Resp: 131449
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 22.3 17.7 26.5

