

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028501.D
 Acq On : 21 Jan 2021 22:56
 Operator : CG/JU
 Sample : M1157-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Quant Time: Jan 22 00:46:58 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	29128	20.00	ng	-0.02
21) Naphthalene-d8	10.833	136	112104	20.00	ng	#-0.02
39) Acenaphthene-d10	14.657	164	61441	20.00	ng	-0.02
64) Phenanthrene-d10	17.386	188	123162	20.00	ng	#-0.02
76) Chrysene-d12	21.515	240	119504	20.00	ng	#-0.02
86) Perylene-d12	23.797	264	117692	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	106597	57.81	ng	-0.01
7) Phenol-d6	7.169	99	77629	30.92	ng	-0.02
23) Nitrobenzene-d5	9.192	82	182243	77.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.139	330	101106	124.20	ng	-0.02
45) 2-Fluorobiphenyl	13.280	172	382718	78.15	ng	-0.02
79) Terphenyl-d14	19.980	244	471967	71.32	ng	-0.01

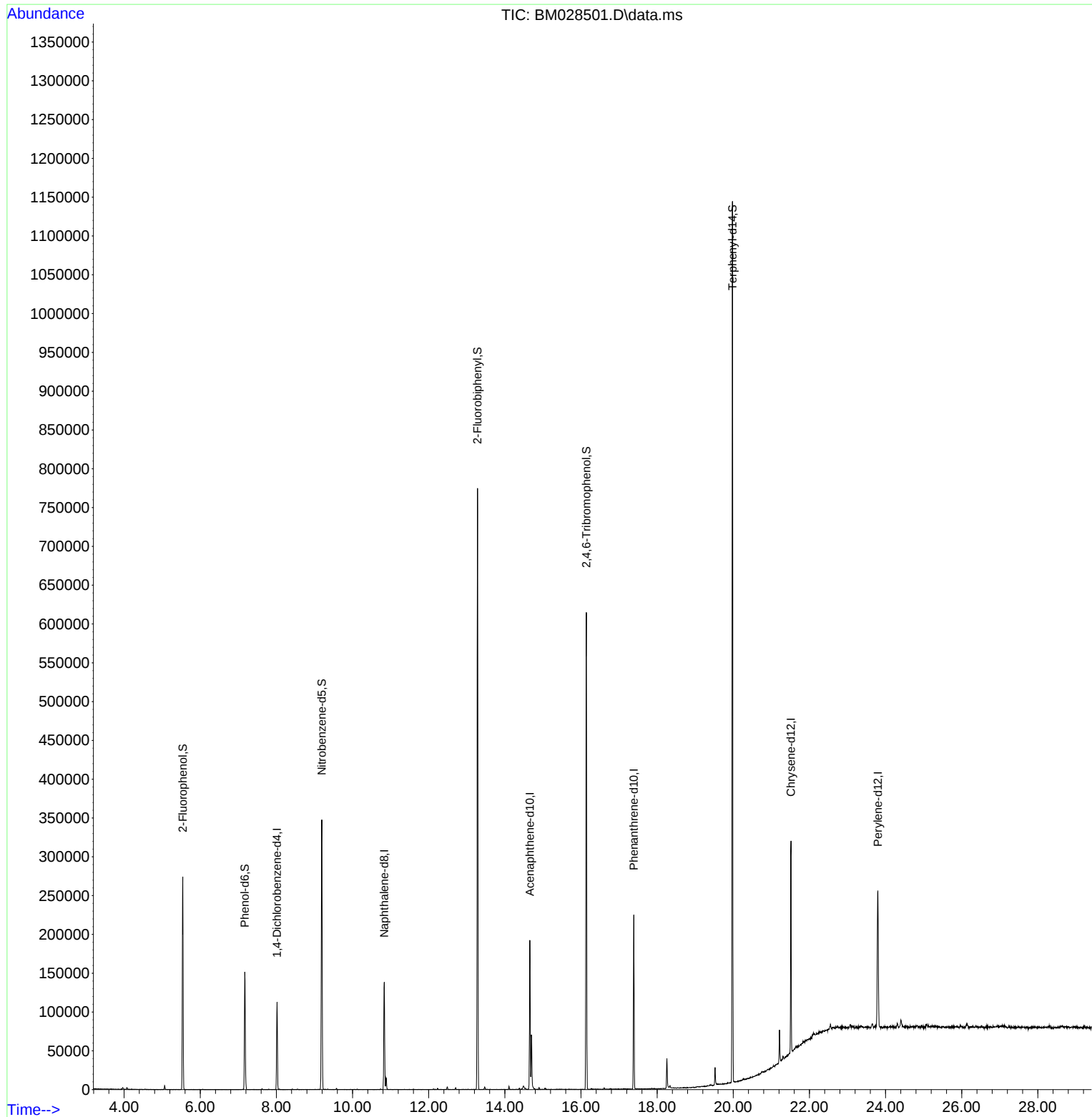
Target Compounds	Qvalue
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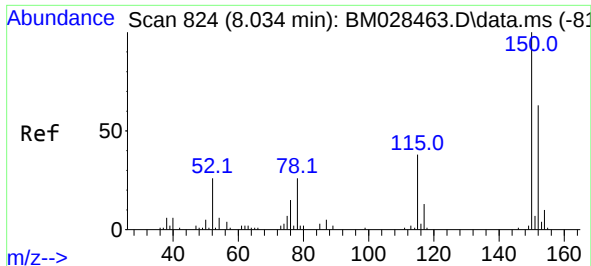
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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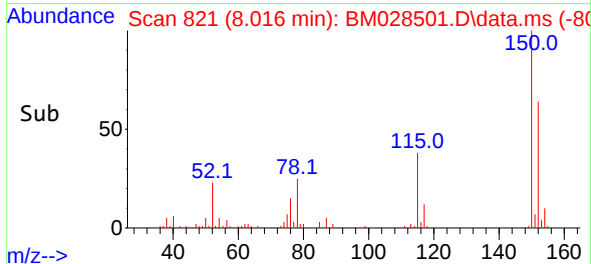
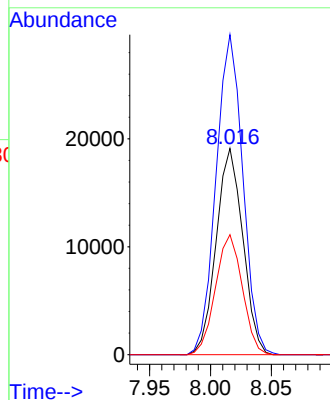
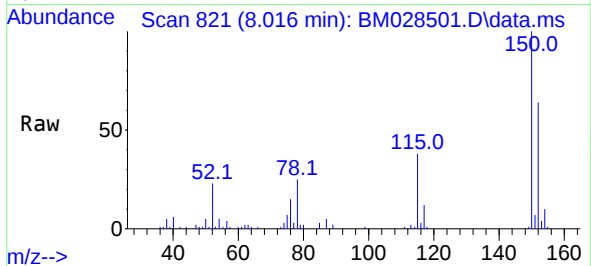




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.016 min Scan# 821
Delta R.T. -0.018 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

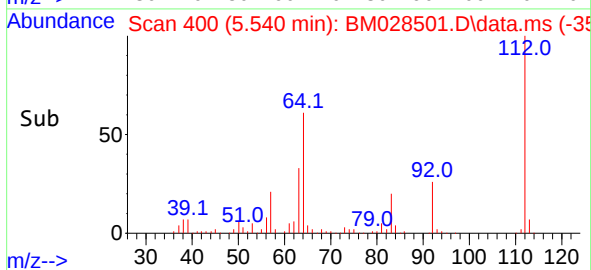
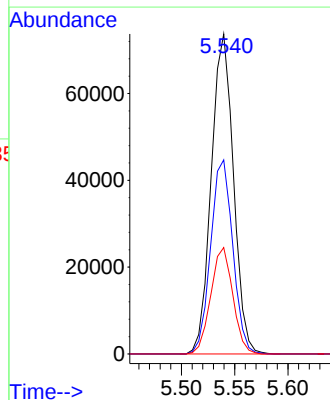
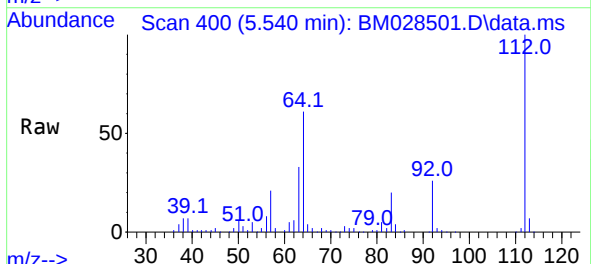
Instrument :
BNA_M
ClientSampled :
MW-5

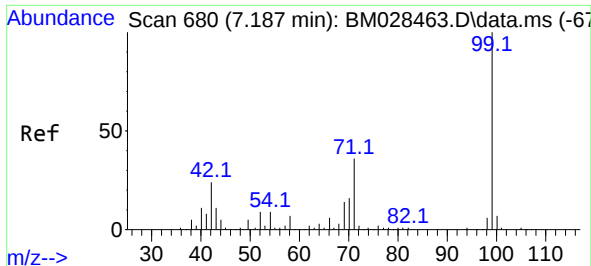
Tgt Ion:152 Resp: 29128
Ion Ratio Lower Upper
152 100
150 155.2 120.6 181.0
115 58.2 47.2 70.8



#5
2-Fluorophenol
Concen: 57.81 ng
RT: 5.540 min Scan# 400
Delta R.T. -0.012 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

Tgt Ion:112 Resp: 106597
Ion Ratio Lower Upper
112 100
64 60.7 50.6 76.0
63 33.3 31.0 46.6

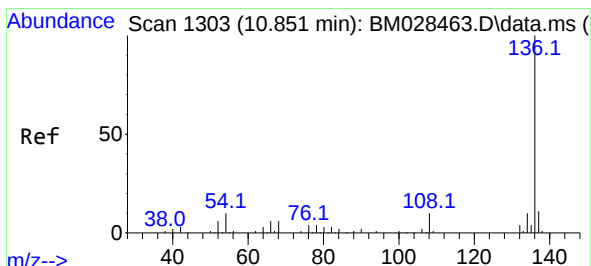
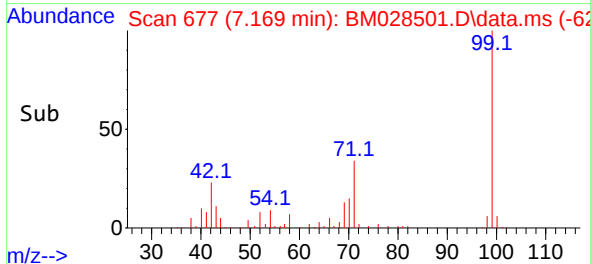
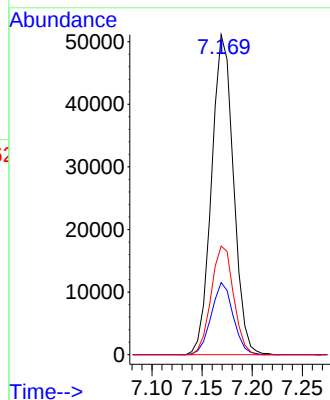
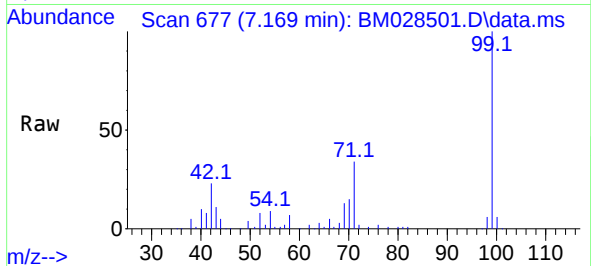




#7
Phenol-d6
Concen: 30.92 ng
RT: 7.169 min Scan# 677
Delta R.T. -0.018 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

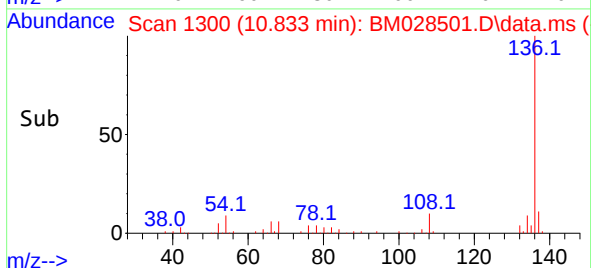
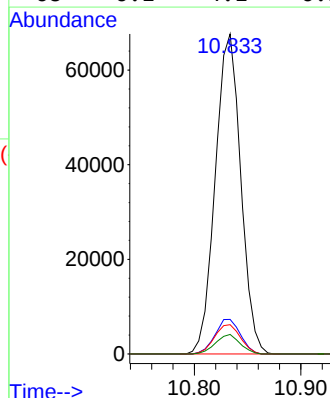
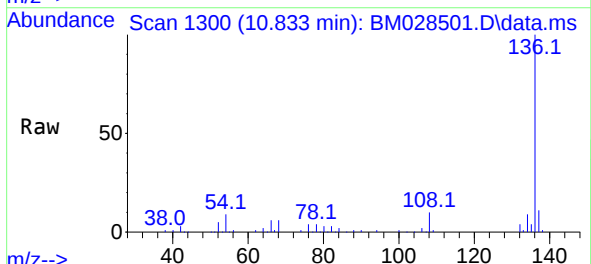
Instrument :
BNA_M
ClientSampleId :
MW-5

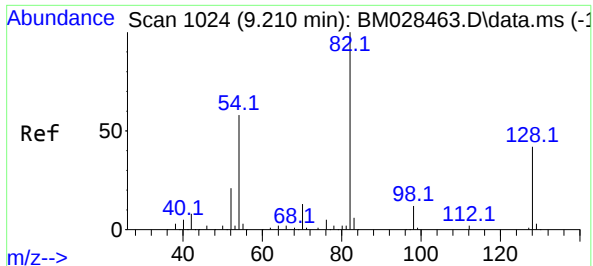
Tgt Ion:	99	Resp:	77629
Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	34.0	39.4	59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.833 min Scan# 1300
Delta R.T. -0.018 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

Tgt Ion:	136	Resp:	112104
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.2	4.6	7.0#
68	6.1	4.1	6.1

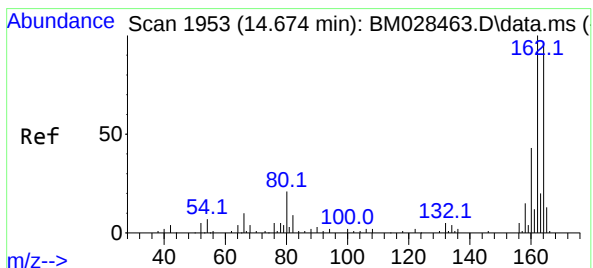
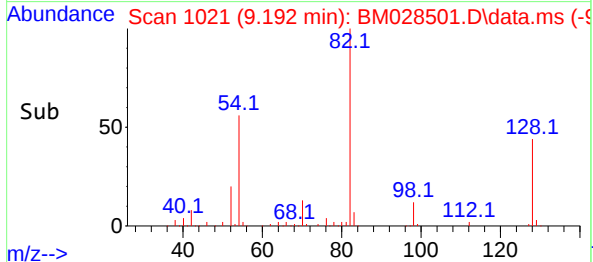
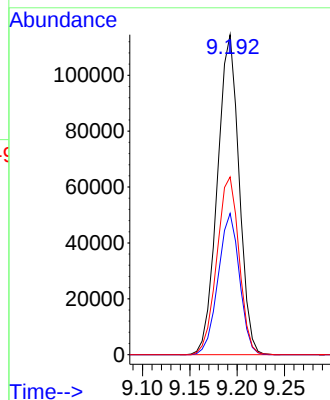
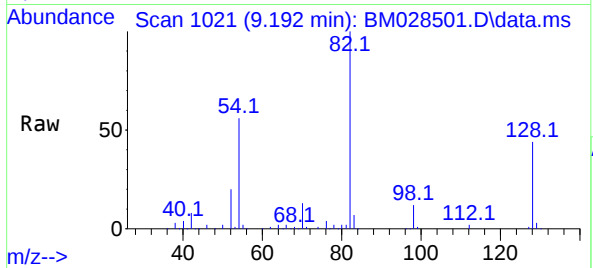




#23
Nitrobenzene-d5
Concen: 77.10 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.018 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

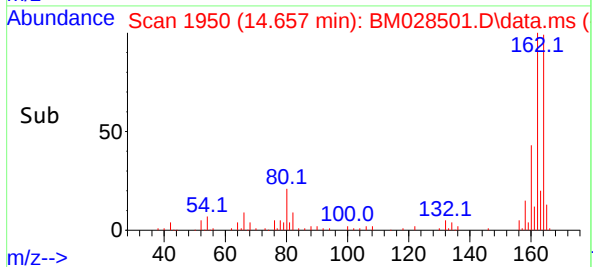
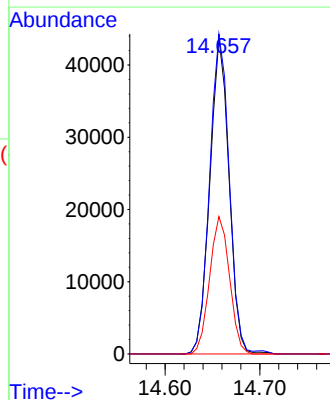
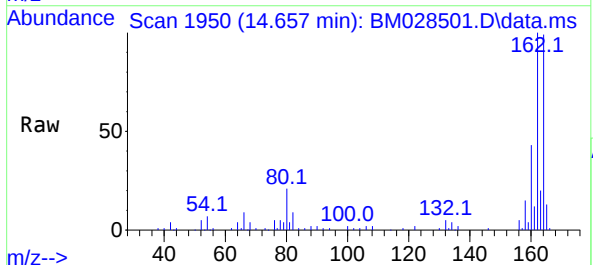
Instrument :
BNA_M
ClientSampleId :
MW-5

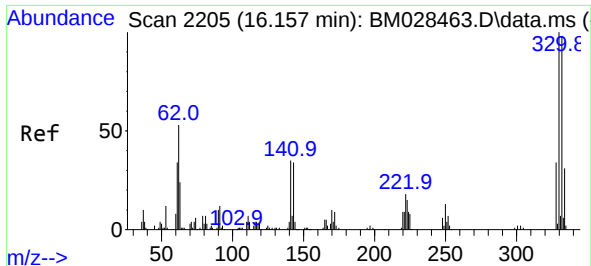
Tgt Ion: 82 Resp: 182243
Ion Ratio Lower Upper
82 100
128 44.1 27.4 41.0#
54 55.6 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

Tgt Ion:164 Resp: 61441
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 43.5 35.9 53.9

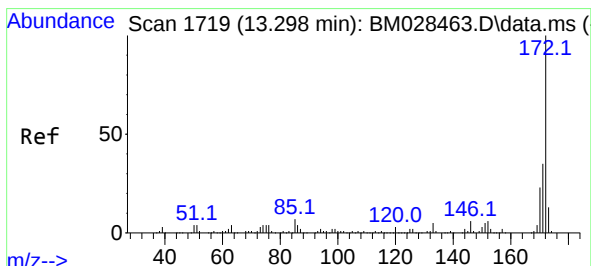
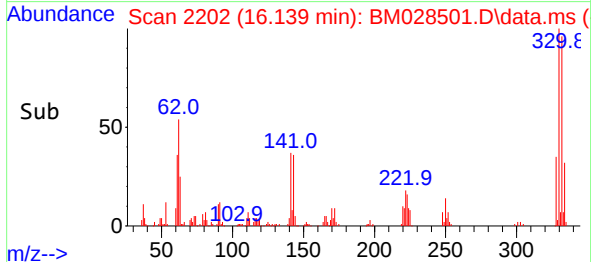
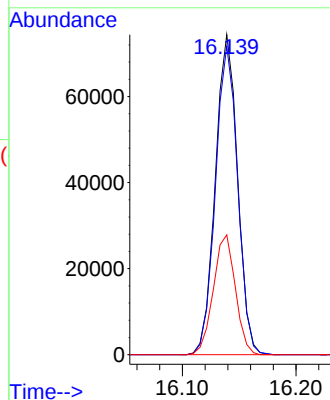
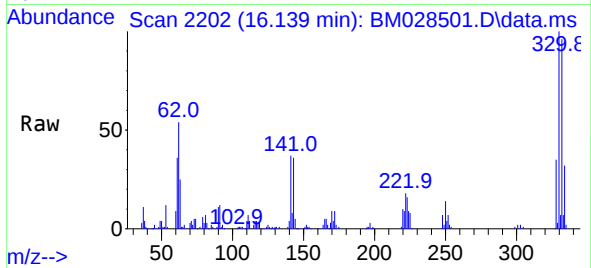




#42
2,4,6-Tribromophenol
Concen: 124.20 ng
RT: 16.139 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

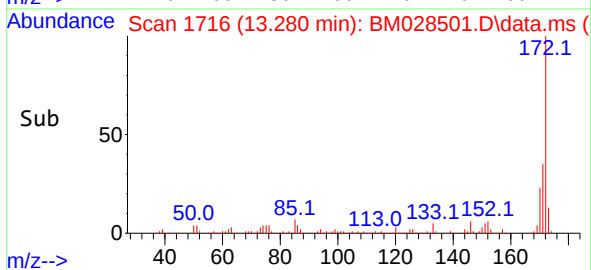
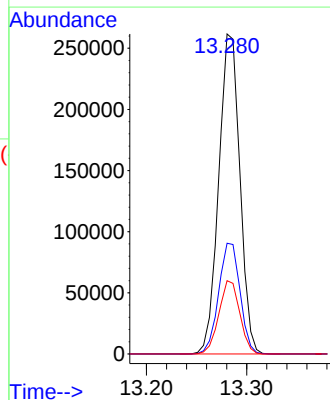
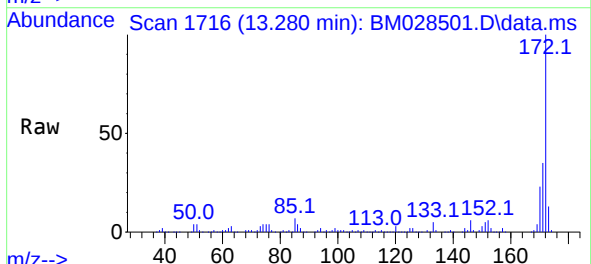
Instrument :
BNA_M
ClientSampleId :
MW-5

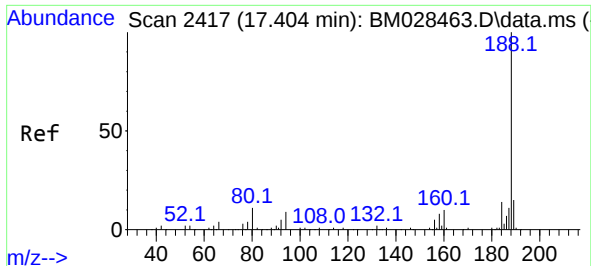
Tgt Ion:330 Resp: 101106
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 37.2 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 78.15 ng
RT: 13.280 min Scan# 1716
Delta R.T. -0.018 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

Tgt Ion:172 Resp: 382718
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.9 18.6 27.8

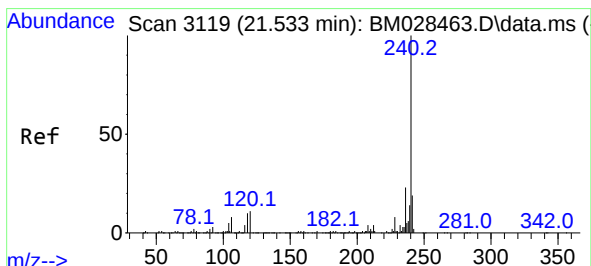
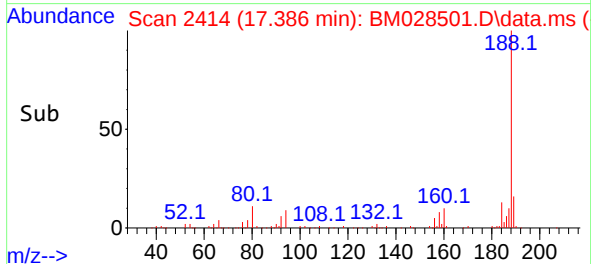
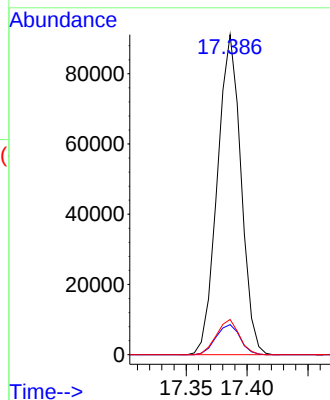
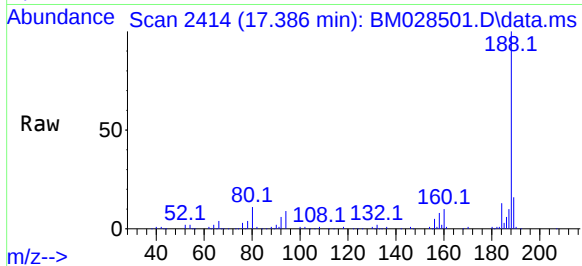




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

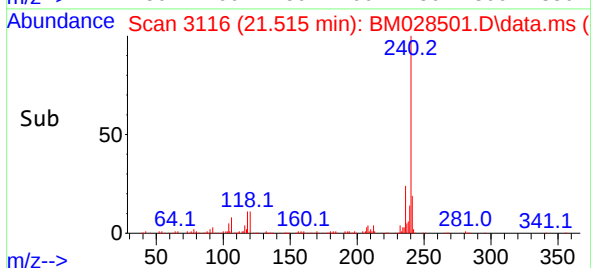
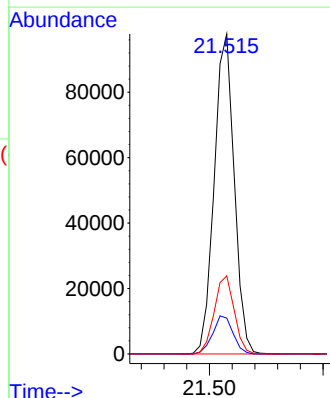
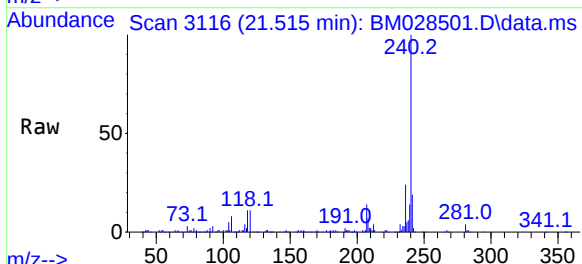
Instrument :
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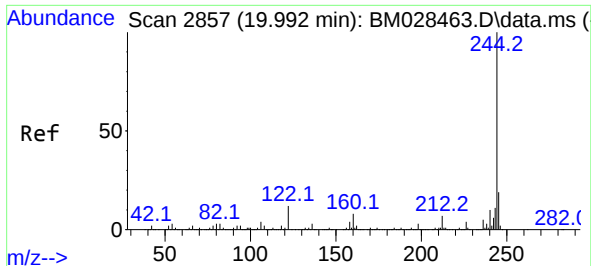
Tgt Ion:188 Resp: 123162
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.4#
80 11.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

Tgt Ion:240 Resp: 119504
Ion Ratio Lower Upper
240 100
120 11.2 6.4 9.6#
236 24.4 20.1 30.1

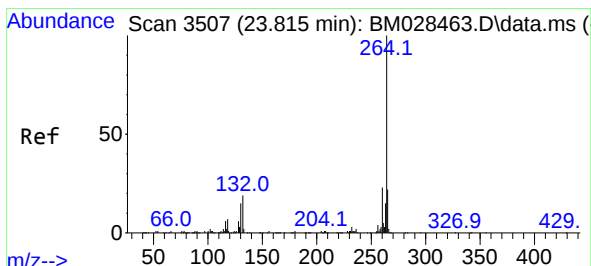
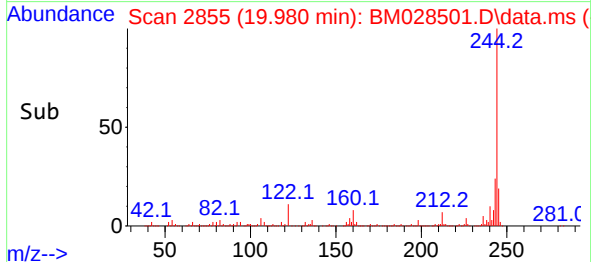
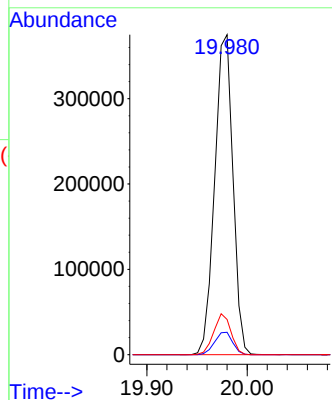
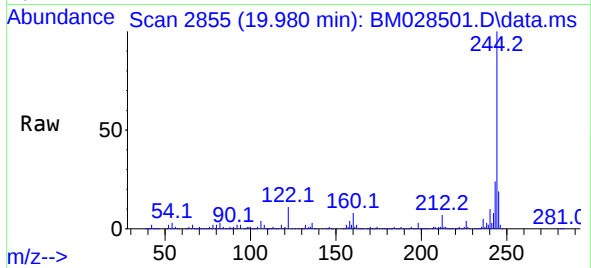




#79
Terphenyl-d14
Concen: 71.32 ng
RT: 19.980 min Scan# 2855
Delta R.T. -0.012 min
Lab File: BM028501.D
Acq: 21 Jan 2021 22:56

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:244 Resp: 471967
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 11.0 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: BM028501.D
Acq: 21 Jan 2021 22:56

Tgt Ion:264 Resp: 117692
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 22.1 17.7 26.5

