

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
 Data File : BM028150.D
 Acq On : 17 Dec 2020 20:33
 Operator : JU/CG
 Sample : L5036-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-4

Quant Time: Dec 18 00:21:43 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 16 01:58:38 2020
 Response via : Initial Calibration

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

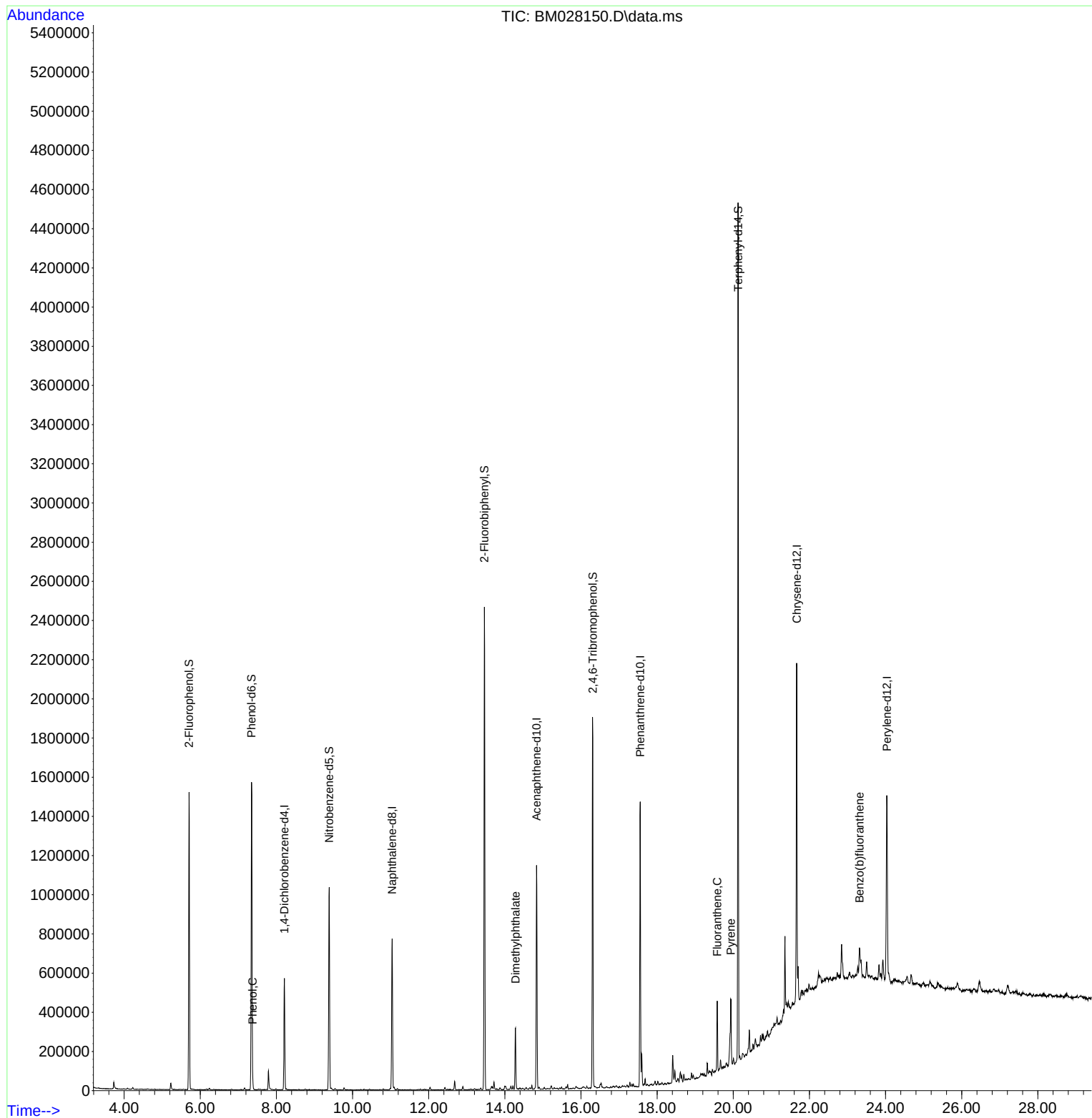
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.210	152	149733	20.00	ng	0.00
21) Naphthalene-d8	11.040	136	629243	20.00	ng	# 0.00
39) Acenaphthene-d10	14.834	164	370500	20.00	ng	-0.01
64) Phenanthrene-d10	17.557	188	832827	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	798170	20.00	ng	# 0.00
86) Perylene-d12	24.033	264	676308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	627737	69.09	ng	0.00
7) Phenol-d6	7.346	99	852467	65.70	ng	-0.01
23) Nitrobenzene-d5	9.387	82	551638	43.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.310	330	322844	65.64	ng	0.00
45) 2-Fluorobiphenyl	13.463	172	1198209	42.04	ng	-0.01
79) Terphenyl-d14	20.127	244	1773238	40.31	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.375	94	30135	2.45	ng	84
50) Dimethylphthalate	14.281	163	192797	6.27	ng	99
75) Fluoranthene	19.580	202	203027	3.58	ng	97
78) Pyrene	19.939	202	195943	3.39	ng	99
88) Benzo(b)fluoranthene	23.315	252	107038	2.32	ng	# 86

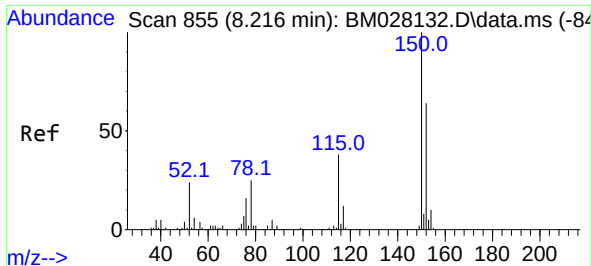
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
Data File : BM028150.D
Acq On : 17 Dec 2020 20:33
Operator : JU/CG
Sample : L5036-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-4

Quant Time: Dec 18 00:21:43 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 01:58:38 2020
Response via : Initial Calibration

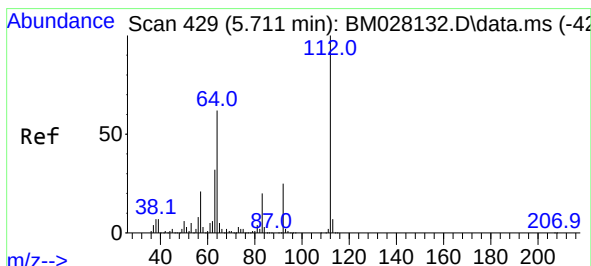
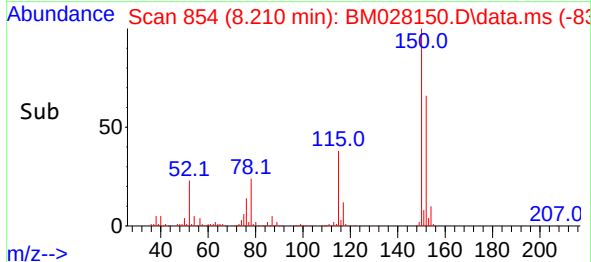
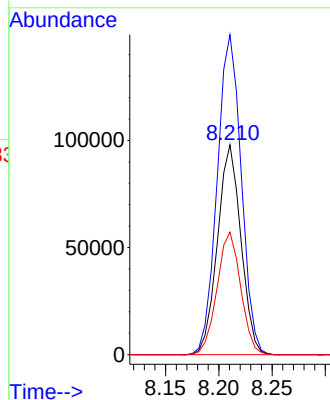
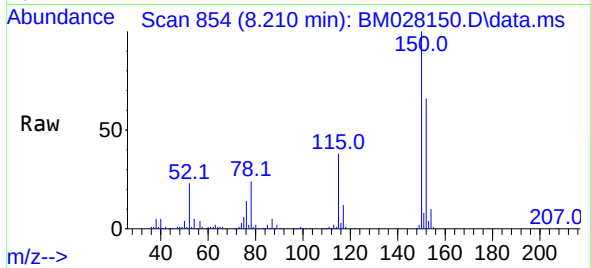




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

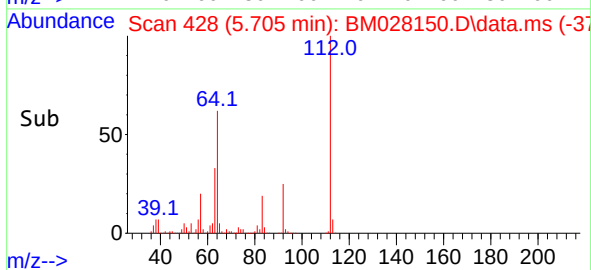
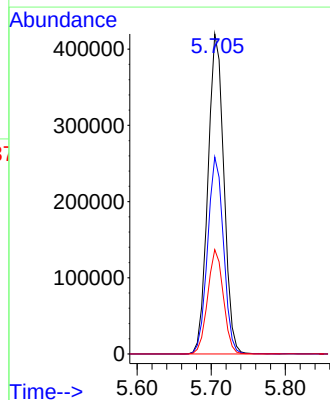
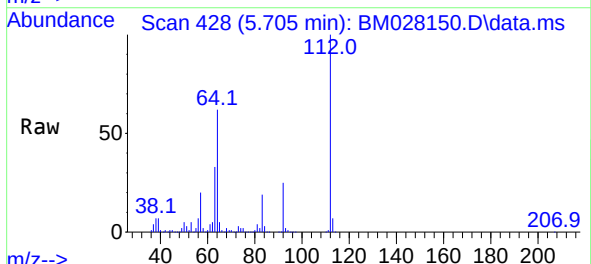
Instrument :
BNA_M
ClientSampleId :
B-4

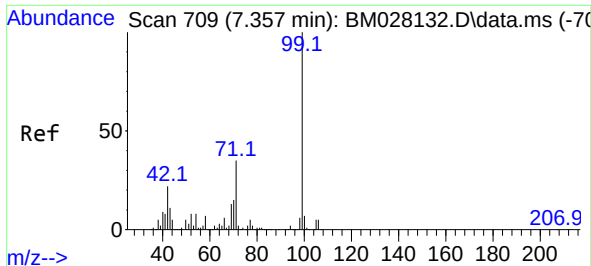
Tgt Ion:152 Resp: 149733
Ion Ratio Lower Upper
152 100
150 152.4 120.6 181.0
115 58.4 47.2 70.8



#5
2-Fluorophenol
Concen: 69.09 ng
RT: 5.705 min Scan# 428
Delta R.T. -0.006 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

Tgt Ion:112 Resp: 627737
Ion Ratio Lower Upper
112 100
64 61.6 50.6 76.0
63 32.6 31.0 46.6

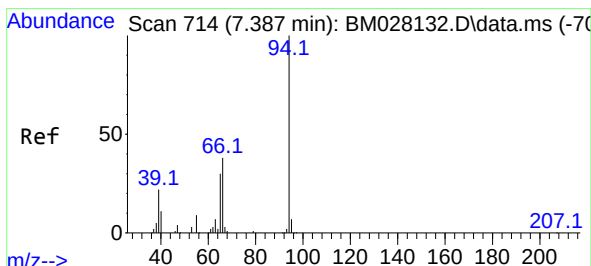
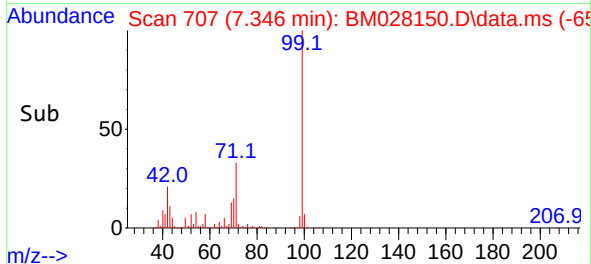
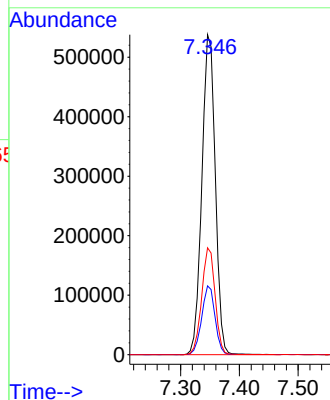
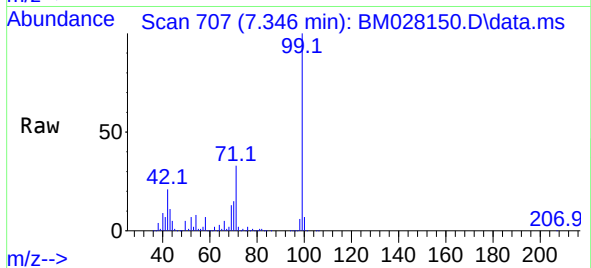




#7
Phenol-d6
Concen: 65.70 ng
RT: 7.346 min Scan# 707
Delta R.T. -0.011 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

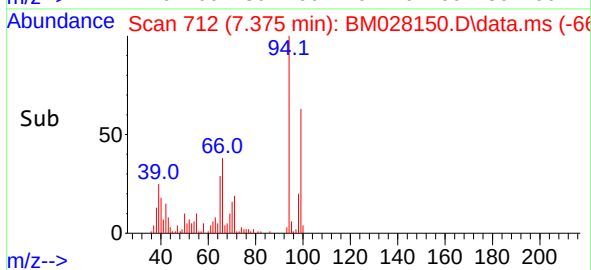
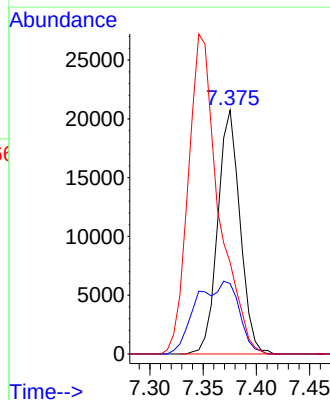
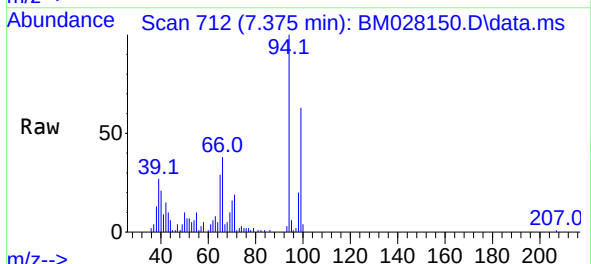
Instrument :
BNA_M
ClientSampled :
B-4

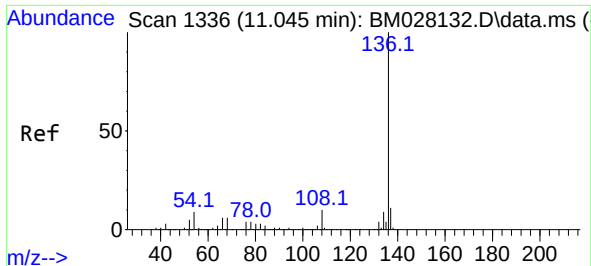
Tgt Ion: 99 Resp: 852467
Ion Ratio Lower Upper
99 100
42 21.5 13.5 20.3#
71 33.4 39.4 59.0#



#10
Phenol
Concen: 2.45 ng
RT: 7.375 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

Tgt Ion: 94 Resp: 30135
Ion Ratio Lower Upper
94 100
65 28.9 16.4 56.4
66 37.5 30.2 70.2

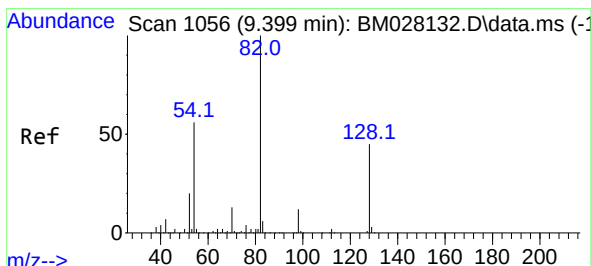
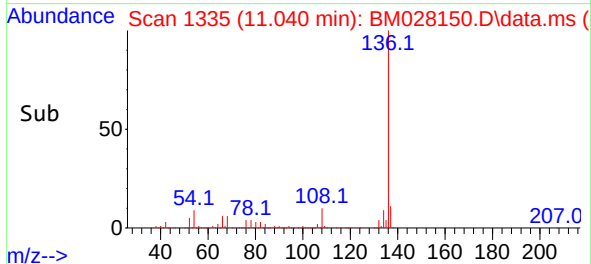
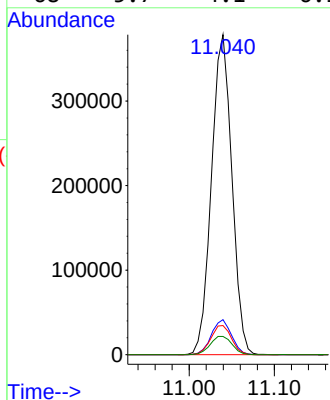
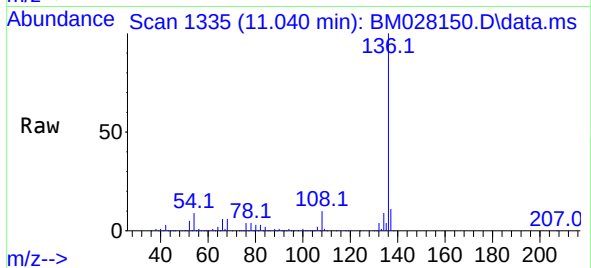




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.040 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

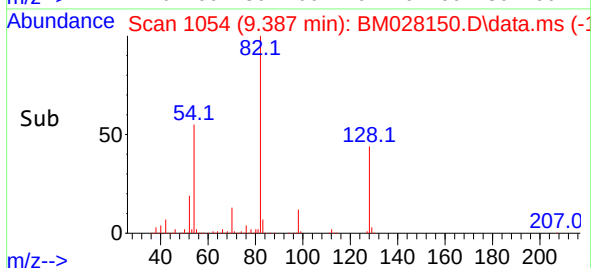
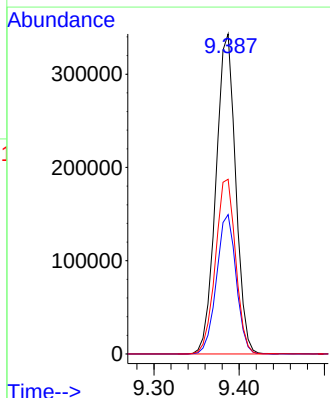
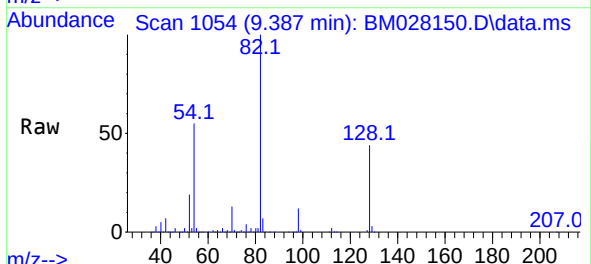
Instrument :
BNA_M
ClientSampled :
B-4

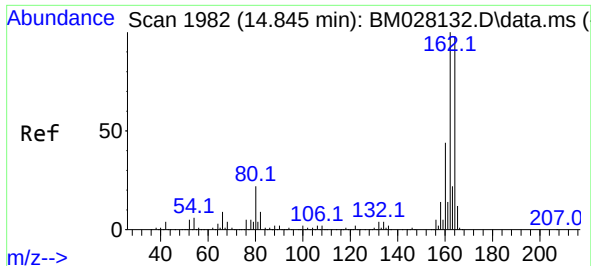
Tgt Ion:136	Resp: 629243
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 9.1	4.6 7.0#
68 5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 43.50 ng
RT: 9.387 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

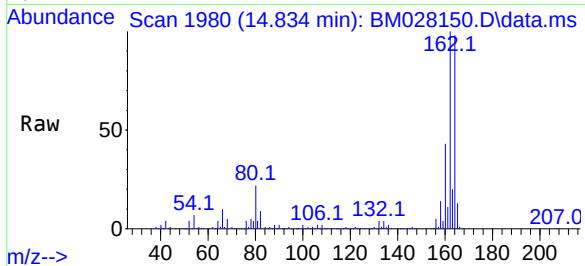
Tgt Ion: 82	Resp: 551638
Ion Ratio	Lower Upper
82 100	
128 43.5	27.4 41.0#
54 54.6	31.4 47.0#



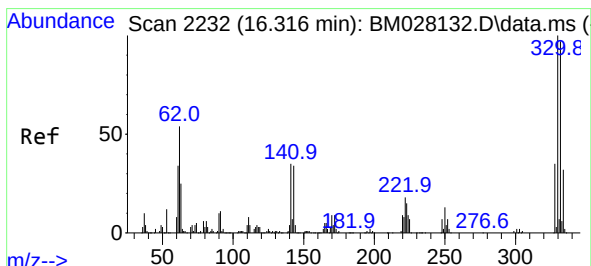
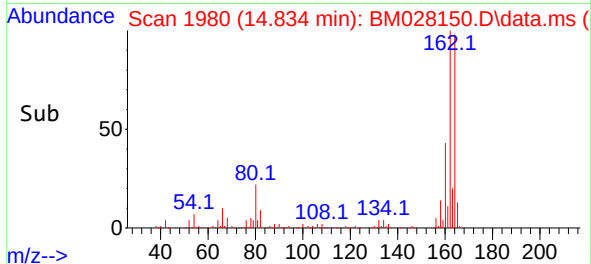
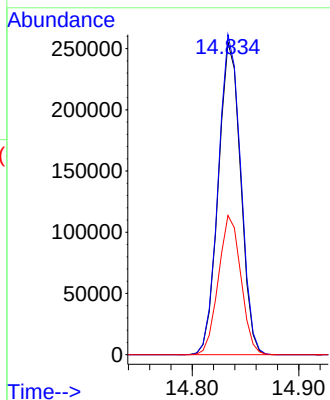


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.834 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

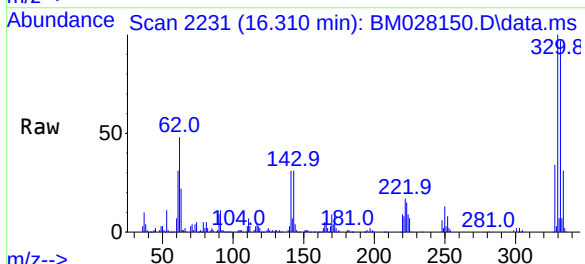
Instrument :
BNA_M
ClientSampled :
B-4



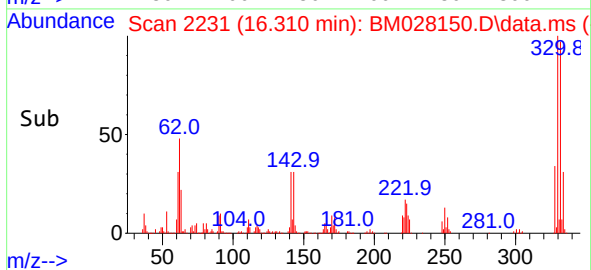
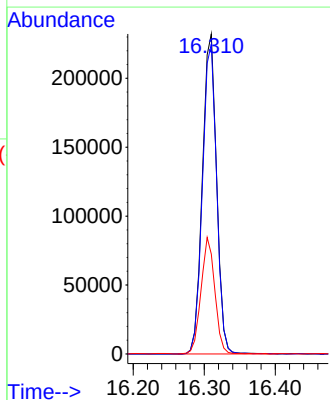
Tgt Ion:164 Resp: 370500
Ion Ratio Lower Upper
164 100
162 102.4 80.4 120.6
160 44.5 35.9 53.9

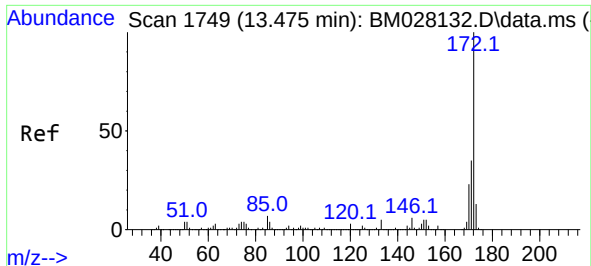


#42
2,4,6-Tribromophenol
Concen: 65.64 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33



Tgt Ion:330 Resp: 322844
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 35.5 28.4 42.6

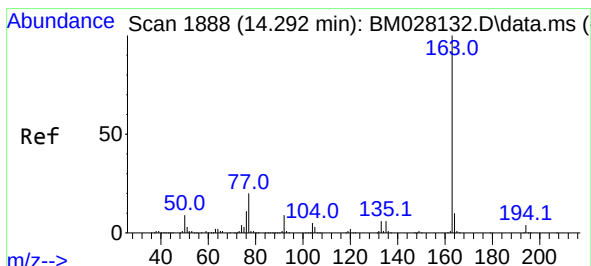
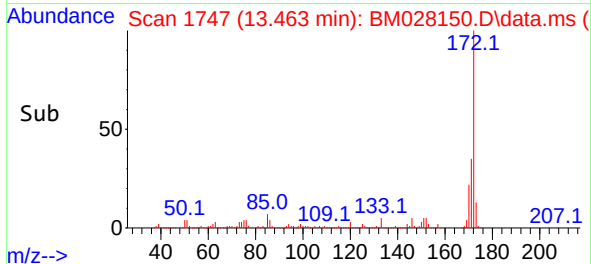
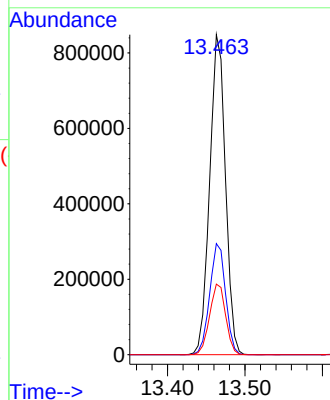
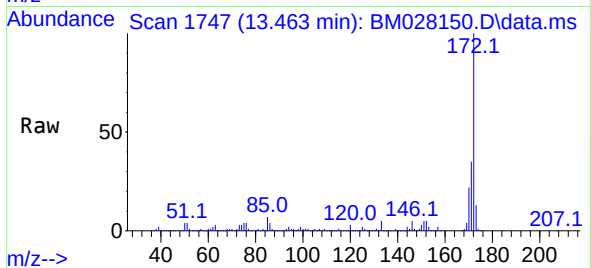




#45
2-Fluorobiphenyl
Concen: 42.04 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

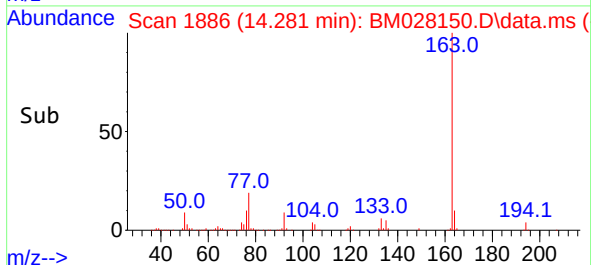
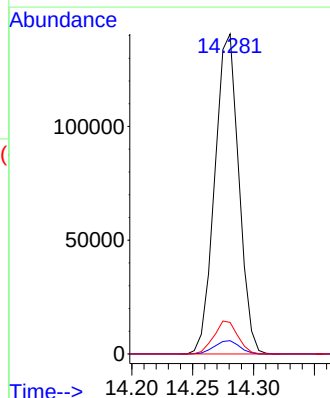
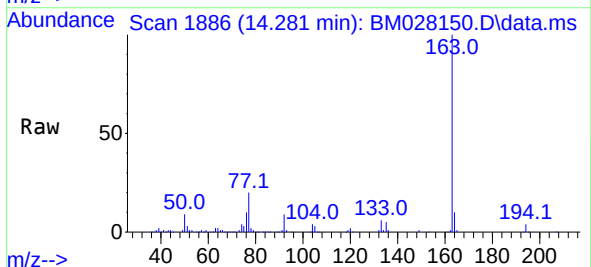
Instrument :
BNA_M
ClientSampled :
B-4

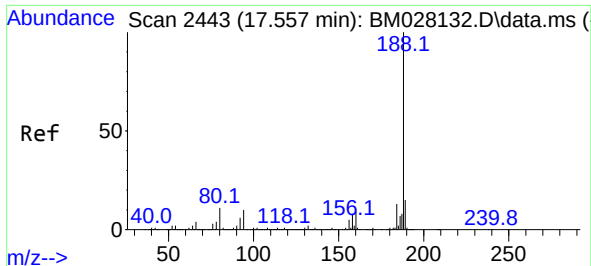
Tgt Ion:172 Resp: 1198209
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.1 18.6 27.8



#50
Dimethylphthalate
Concen: 6.27 ng
RT: 14.281 min Scan# 1886
Delta R.T. -0.012 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

Tgt Ion:163 Resp: 192797
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.8 8.1 12.1

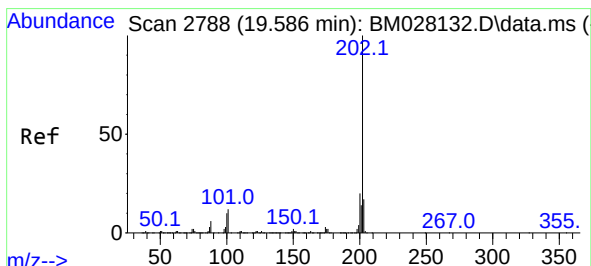
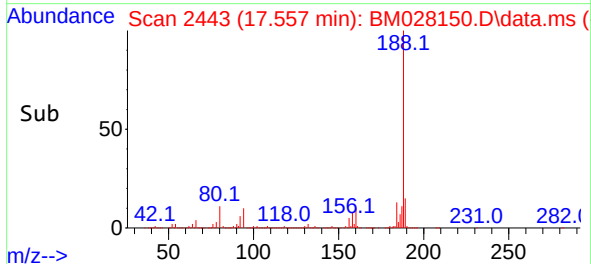
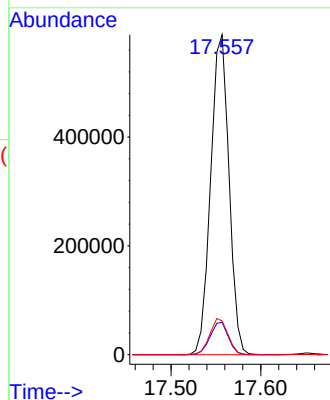
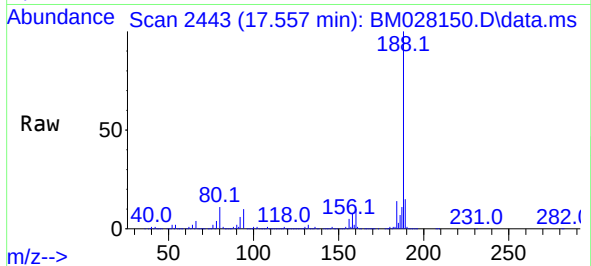




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

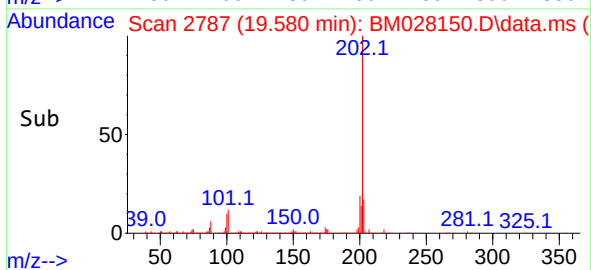
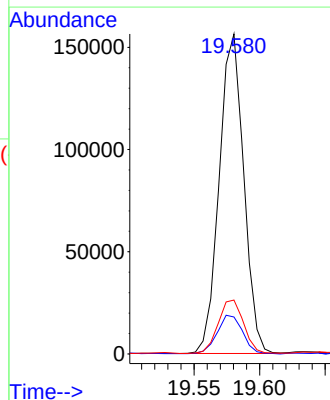
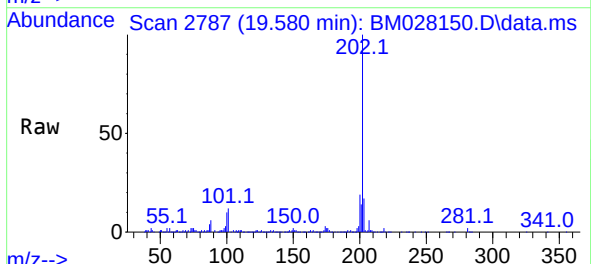
Instrument :
BNA_M
ClientSampleId :
B-4

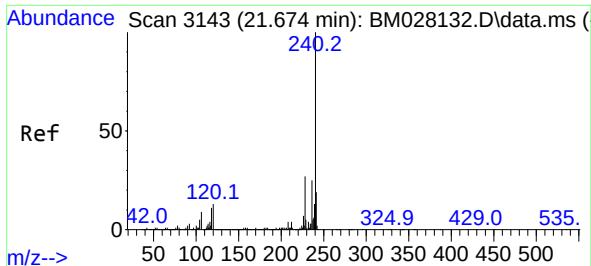
Tgt Ion:188 Resp: 832827
Ion Ratio Lower Upper
188 100
94 10.1 6.2 9.4#
80 10.6 7.5 11.3



#75
Fluoranthene
Concen: 3.58 ng
RT: 19.580 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

Tgt Ion:202 Resp: 203027
Ion Ratio Lower Upper
202 100
101 11.5 0.0 28.5
203 16.9 0.0 37.3

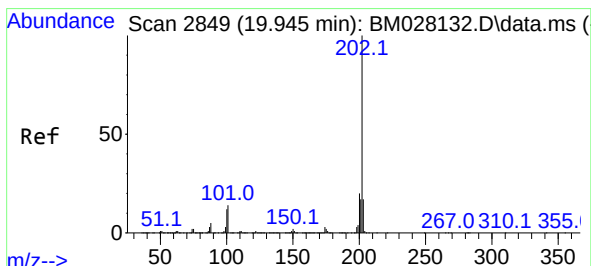
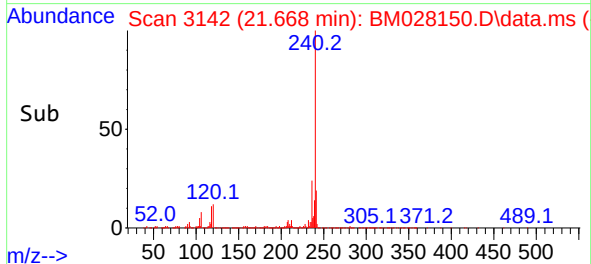
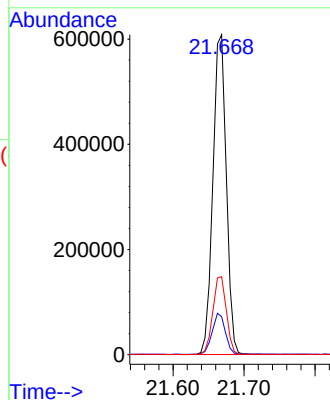
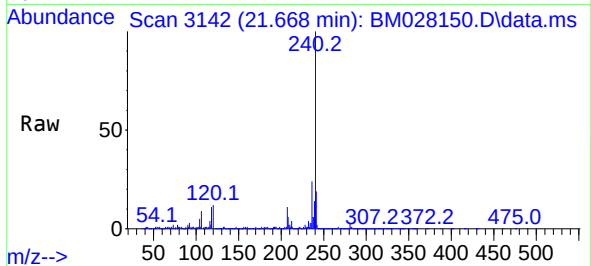




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

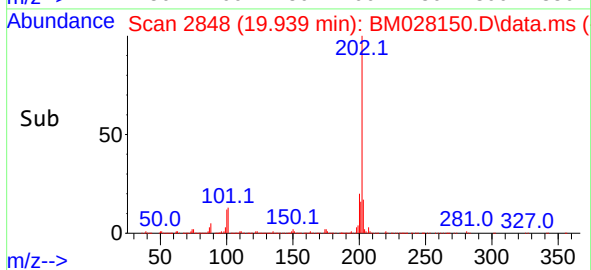
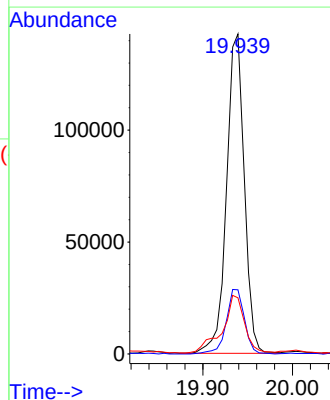
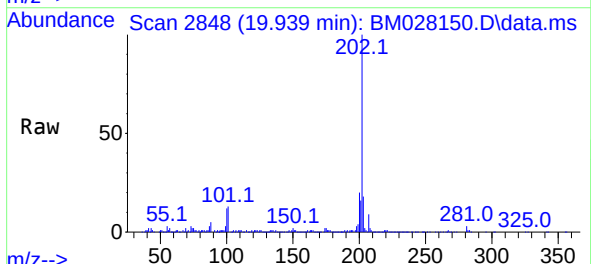
Instrument :
BNA_M
ClientSampleId :
B-4

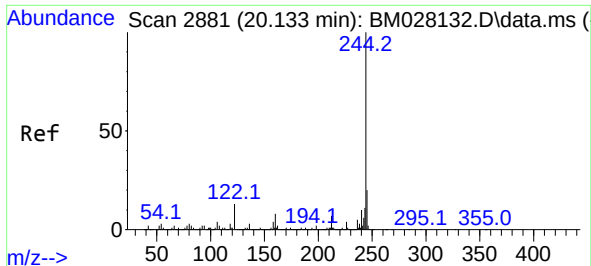
Tgt Ion:240 Resp: 798170
Ion Ratio Lower Upper
240 100
120 11.8 6.4 9.6#
236 24.4 20.1 30.1



#78
Pyrene
Concen: 3.39 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

Tgt Ion:202 Resp: 195943
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 17.5 13.8 20.6

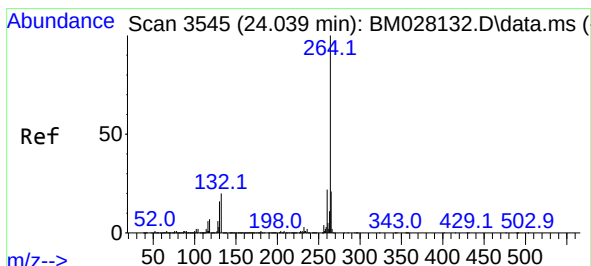
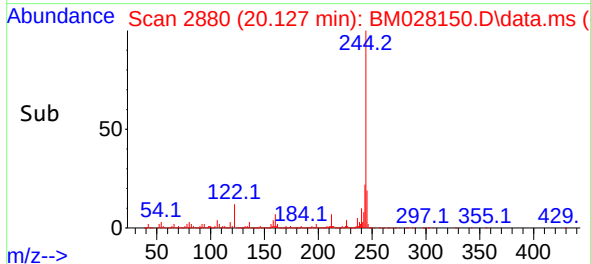
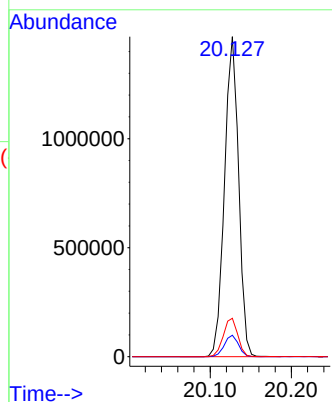
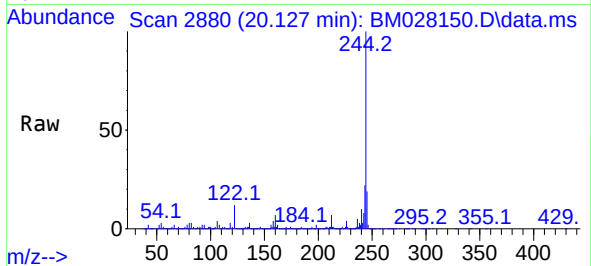




#79
Terphenyl-d14
Concen: 40.31 ng
RT: 20.127 min Scan# 2880
Delta R.T. -0.006 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

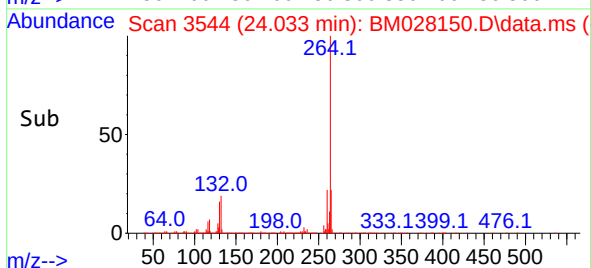
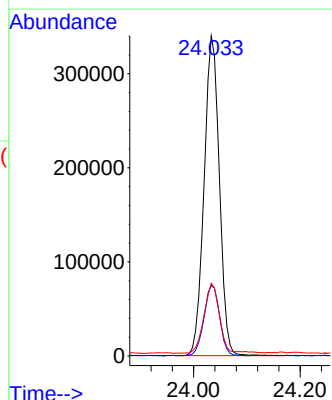
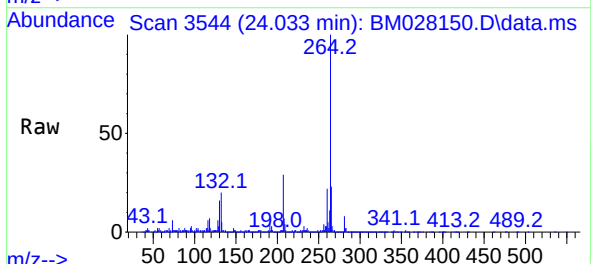
Instrument :
BNA_M
ClientSampled :
B-4

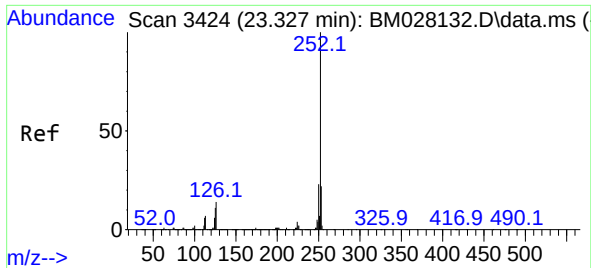
Tgt Ion:244 Resp: 1773238
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 12.0 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.006 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

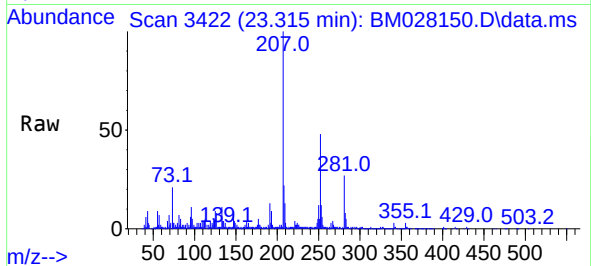
Tgt Ion:264 Resp: 676308
Ion Ratio Lower Upper
264 100
260 22.1 19.0 28.4
265 22.7 17.7 26.5





#88
Benzo(b)fluoranthene
Concen: 2.32 ng
RT: 23.315 min Scan# 3422
Delta R.T. -0.012 min
Lab File: BM028150.D
Acq: 17 Dec 2020 20:33

Instrument :
BNA_M
ClientSampleId :
B-4



Tgt Ion:252 Resp: 107038
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.0
125 18.2 5.7 8.5#

