

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
 Data File : BM028142.D
 Acq On : 17 Dec 2020 15:44
 Operator : JU/CG
 Sample : L5113-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS1

Quant Time: Dec 17 16:22:13 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)

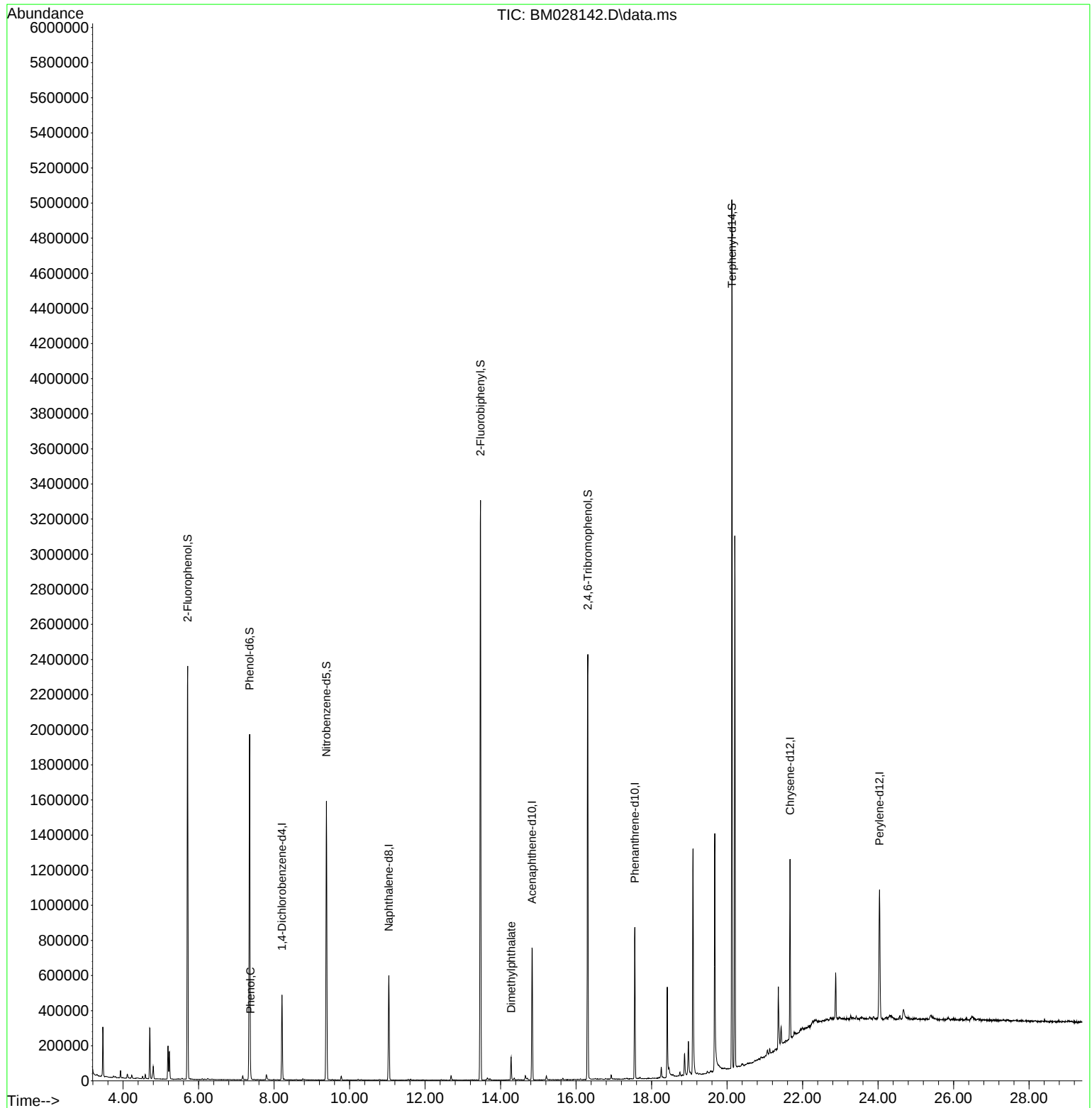
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.210	152	123942	20.00	ng	0.00
21) Naphthalene-d8	11.039	136	465272	20.00	ng	# 0.00
39) Acenaphthene-d10	14.833	164	242982	20.00	ng	-0.01
64) Phenanthrene-d10	17.556	188	477607	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	465012	20.00	ng	# 0.00
86) Perylene-d12	24.038	264	506501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.710	112	953630	126.79	ng	0.00
7) Phenol-d6	7.351	99	1054005	98.14	ng	0.00
23) Nitrobenzene-d5	9.386	82	838520	89.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.309	330	405321	125.66	ng	0.00
45) 2-Fluorobiphenyl	13.468	172	1651316	88.35	ng	0.00
79) Terphenyl-d14	20.127	244	1999298	78.02	ng	0.00
Target Compounds						
10) Phenol	7.375	94	20407	2.00	ng	Qvalue 97
32) Benzoic acid	10.227	122	1507	Below Cal	#	72
50) Dimethylphthalate	14.280	163	78114	3.87	ng	99

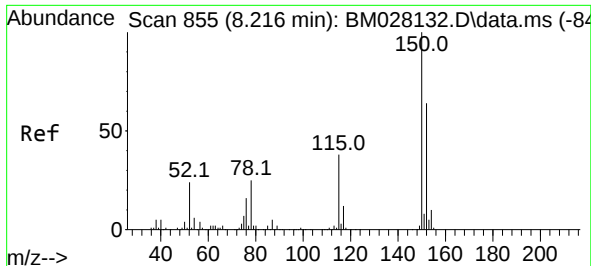
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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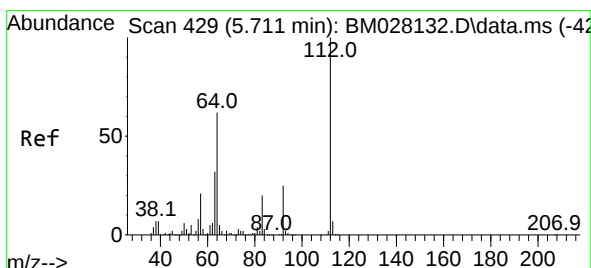
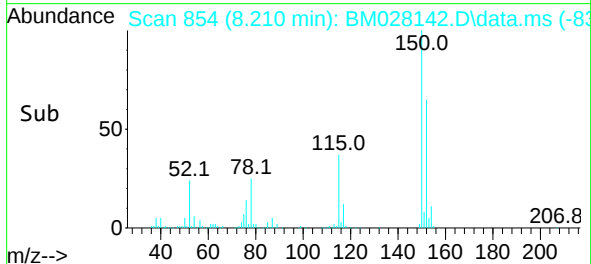
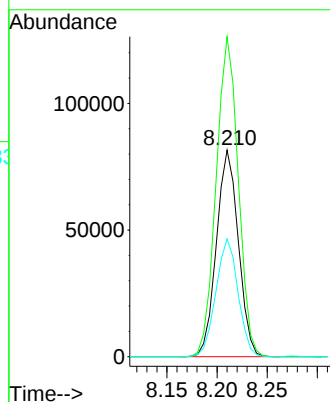
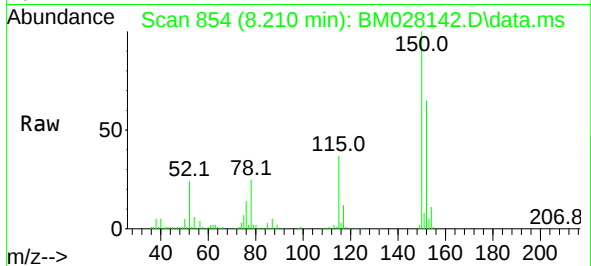




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

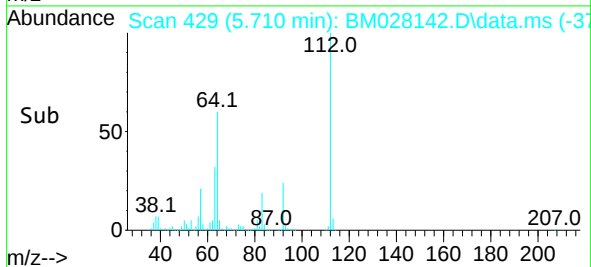
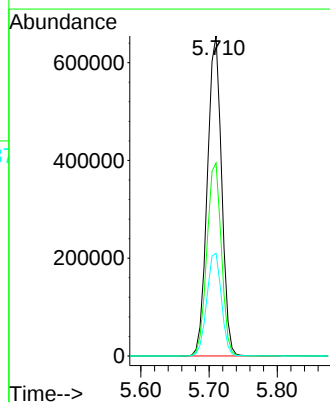
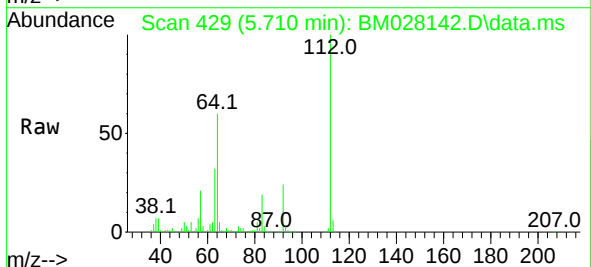
Instrument :
BNA_M
ClientSampleId :
SS1

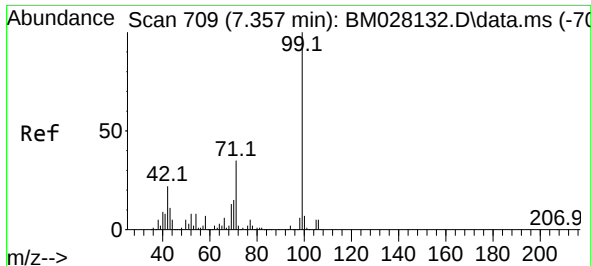
Tgt Ion:152 Resp: 123942
Ion Ratio Lower Upper
152 100
150 154.9 120.6 181.0
115 57.1 47.2 70.8



#5
2-Fluorophenol
Concen: 126.79 ng
RT: 5.710 min Scan# 429
Delta R.T. -0.001 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

Tgt Ion:112 Resp: 953630
Ion Ratio Lower Upper
112 100
64 60.3 50.6 76.0
63 32.1 31.0 46.6

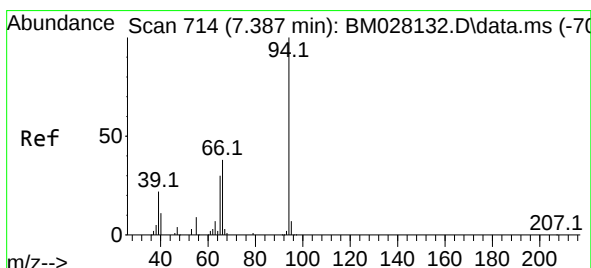
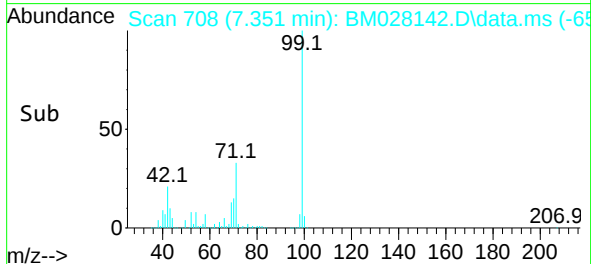
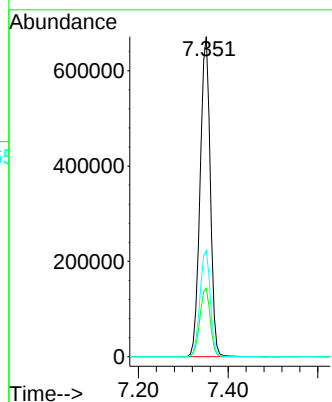
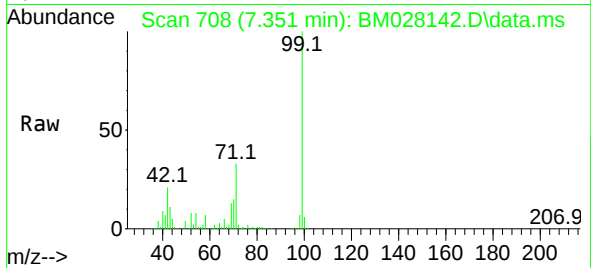




#7
Phenol-d6
Concen: 98.14 ng
RT: 7.351 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

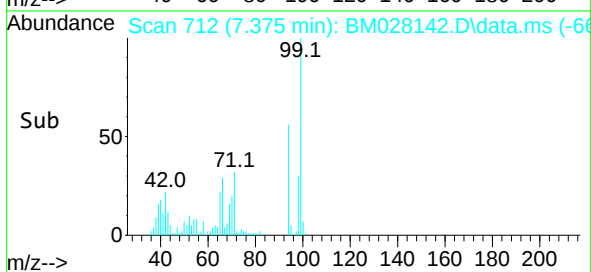
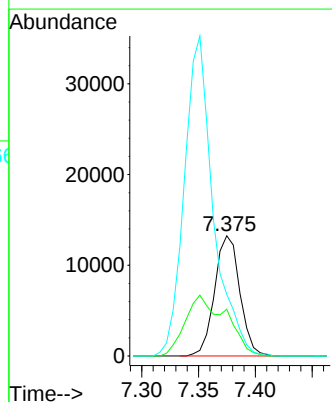
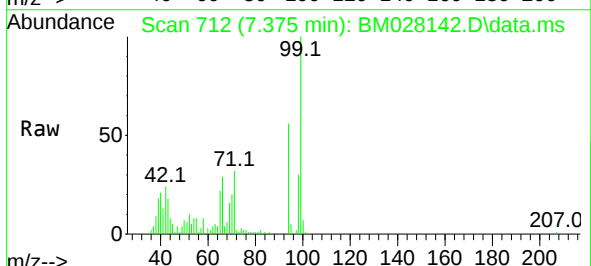
Instrument :
BNA_M
ClientSampleId :
SS1

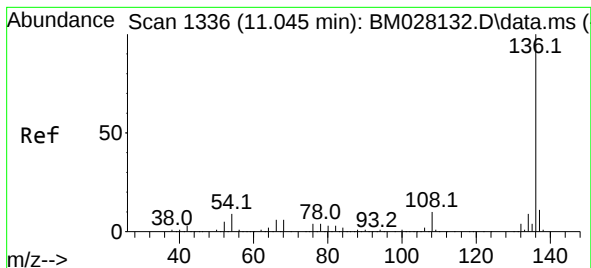
Tgt Ion: 99 Resp: 1054005
Ion Ratio Lower Upper
99 100
42 21.4 13.5 20.3#
71 33.2 39.4 59.0#



#10
Phenol
Concen: 2.00 ng
RT: 7.375 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

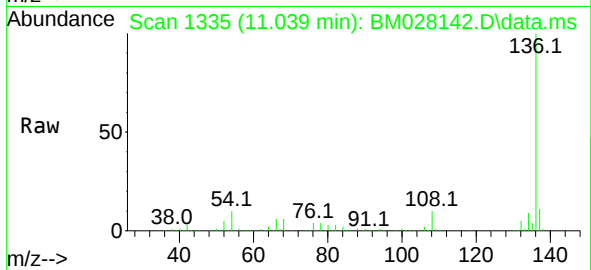
Tgt Ion: 94 Resp: 20407
Ion Ratio Lower Upper
94 100
65 38.9 16.4 56.4
66 51.3 30.2 70.2



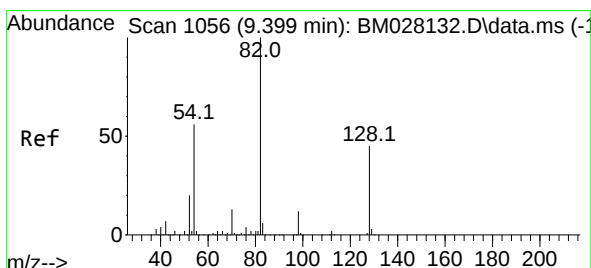
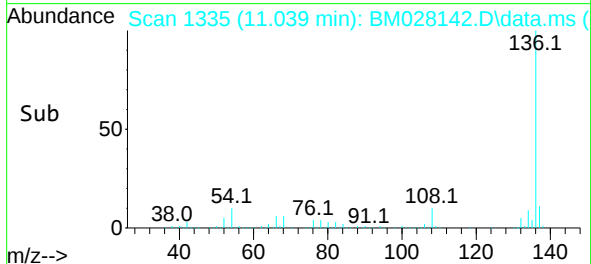
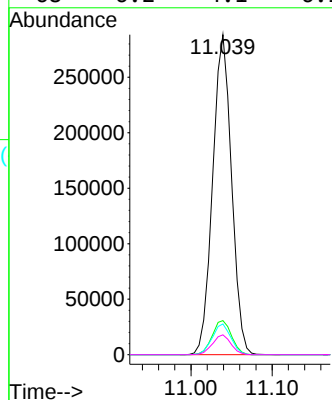


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.039 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

Instrument :
BNA_M
ClientSampled :
SS1

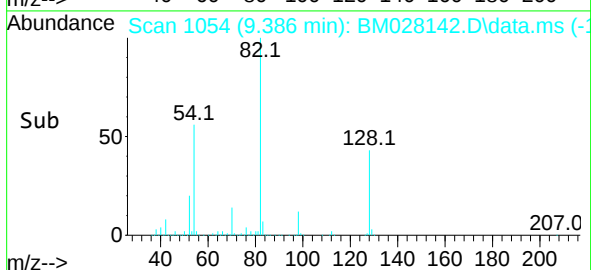
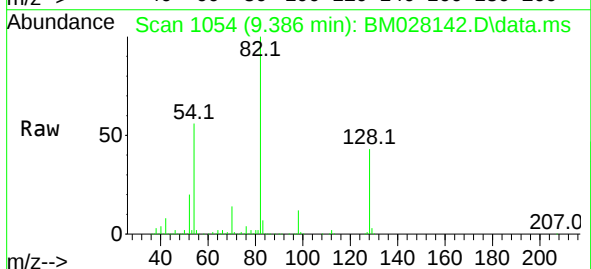
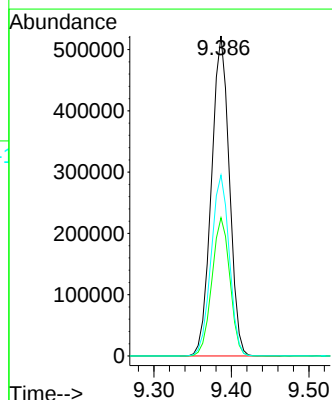


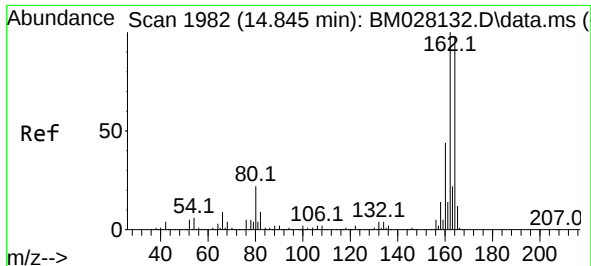
Tgt Ion:136 Resp: 465272
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.6 4.6 7.0#
68 6.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 89.43 ng
RT: 9.386 min Scan# 1054
Delta R.T. -0.013 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

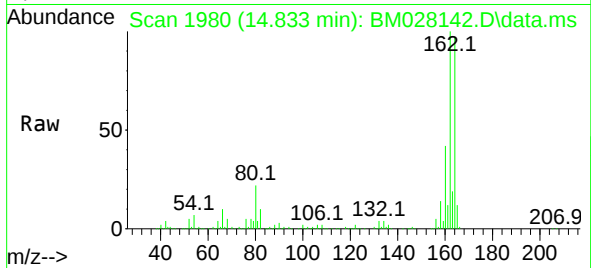
Tgt Ion: 82 Resp: 838520
Ion Ratio Lower Upper
82 100
128 43.2 27.4 41.0#
54 56.5 31.4 47.0#



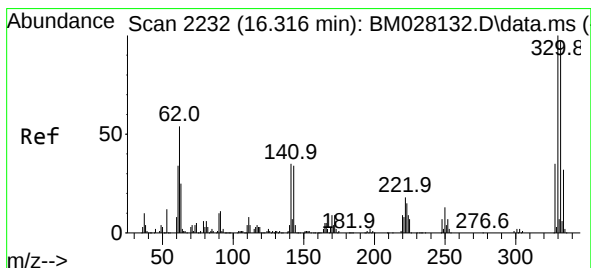
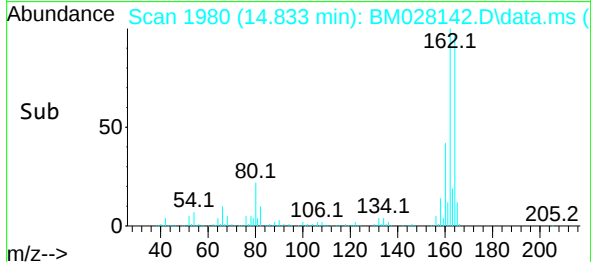
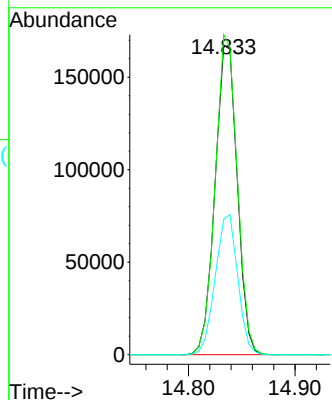


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

Instrument :
BNA_M
ClientSampled :
SS1

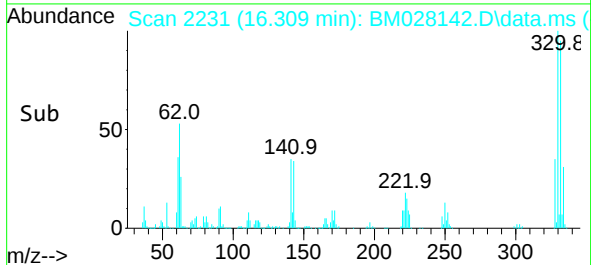
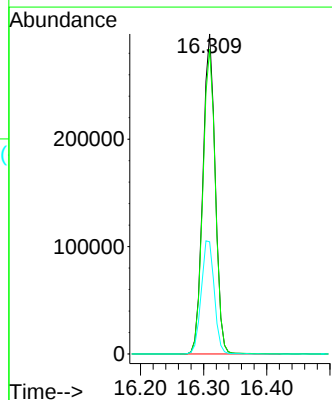
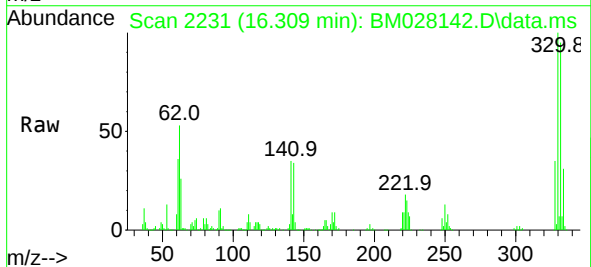


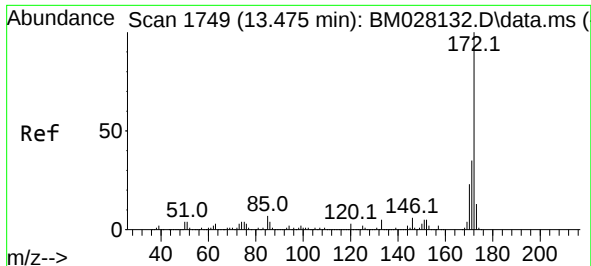
Tgt Ion:164 Resp: 242982
Ion Ratio Lower Upper
164 100
162 103.4 80.4 120.6
160 43.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 125.66 ng
RT: 16.309 min Scan# 2231
Delta R.T. -0.007 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

Tgt Ion:330 Resp: 405321
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 37.3 28.4 42.6

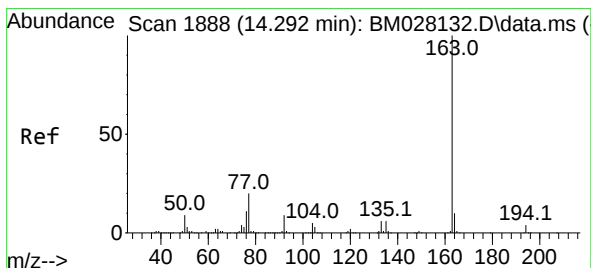
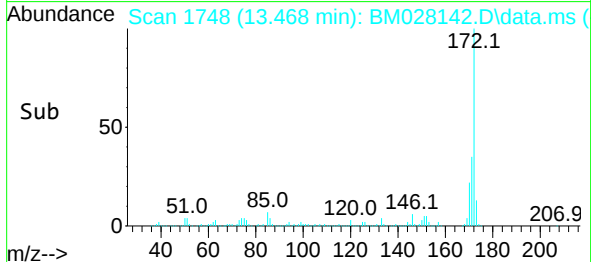
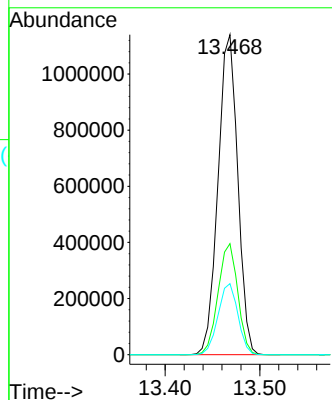
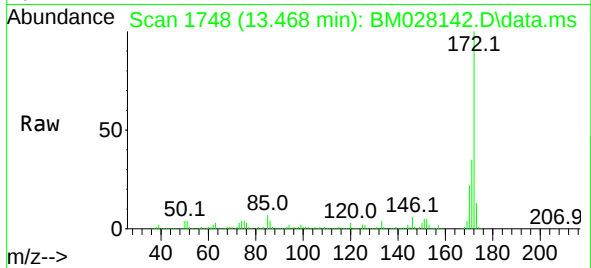




#45
2-Fluorobiphenyl
Concen: 88.35 ng
RT: 13.468 min Scan# 1748
Delta R.T. -0.007 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

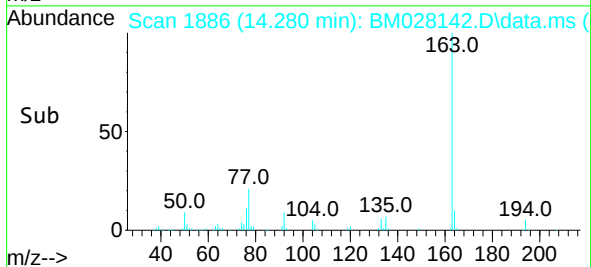
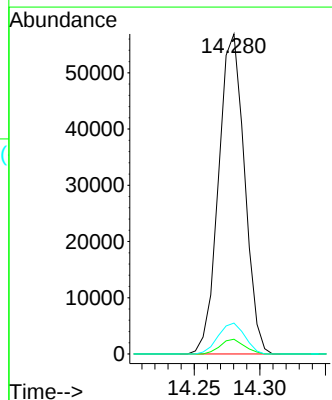
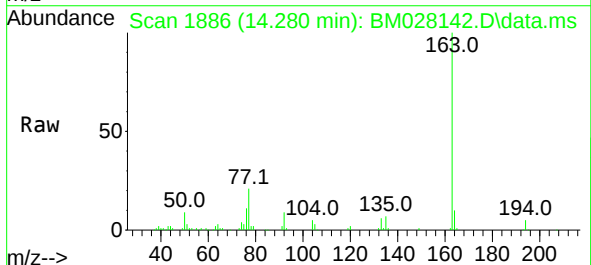
Instrument :
BNA_M
ClientSampled :
SS1

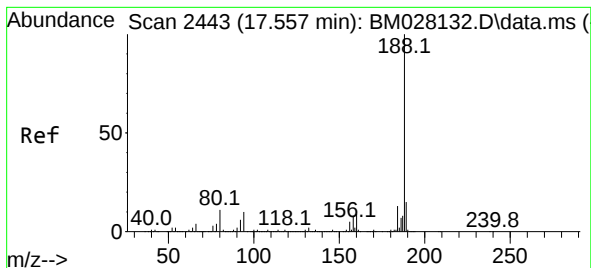
Tgt Ion:172 Resp: 1651316
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.2 18.6 27.8



#50
Dimethylphthalate
Concen: 3.87 ng
RT: 14.280 min Scan# 1886
Delta R.T. -0.012 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

Tgt Ion:163 Resp: 78114
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.6 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.556 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BM028142.D

Acq: 17 Dec 2020 15:44

Tgt Ion:188 Resp: 477607

Ion Ratio Lower Upper

188 100

94 10.0 6.2 9.4#

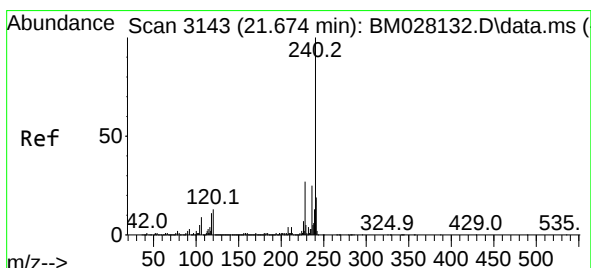
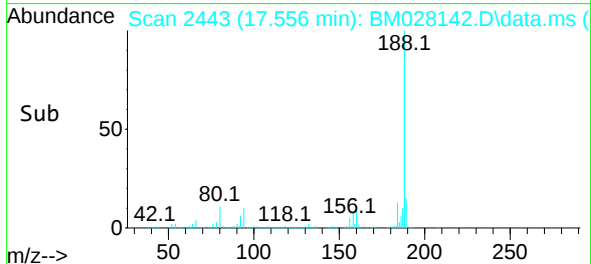
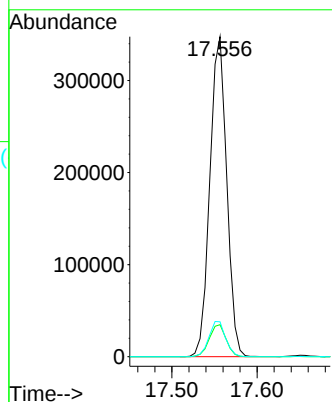
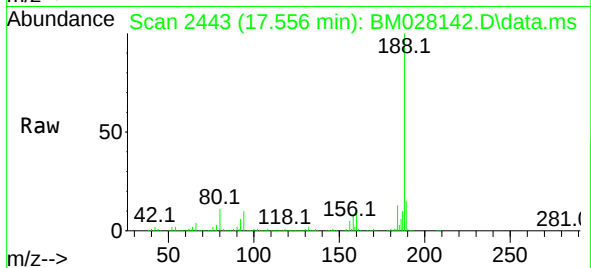
80 10.9 7.5 11.3

Instrument :

BNA_M

ClientSampleId :

SS1



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.668 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BM028142.D

Acq: 17 Dec 2020 15:44

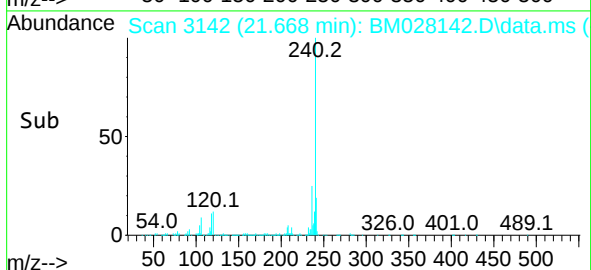
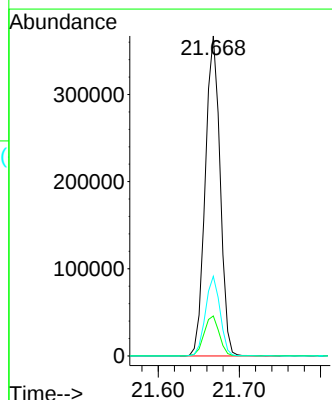
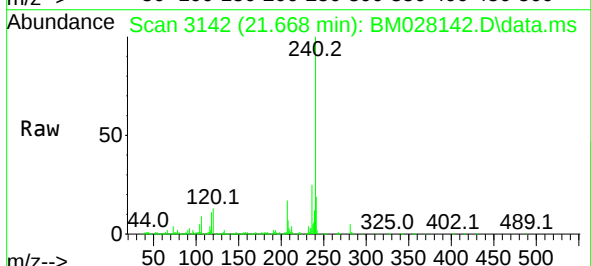
Tgt Ion:240 Resp: 465012

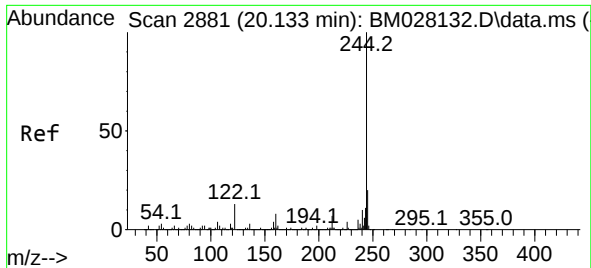
Ion Ratio Lower Upper

240 100

120 12.5 6.4 9.6#

236 24.9 20.1 30.1

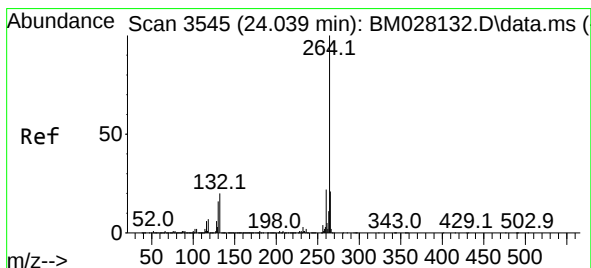
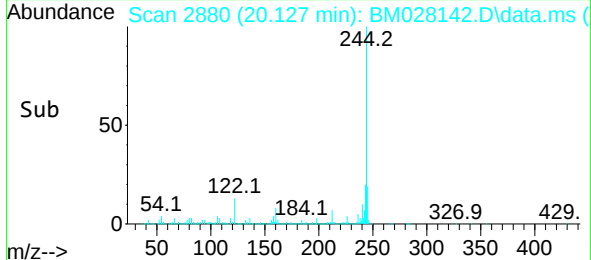
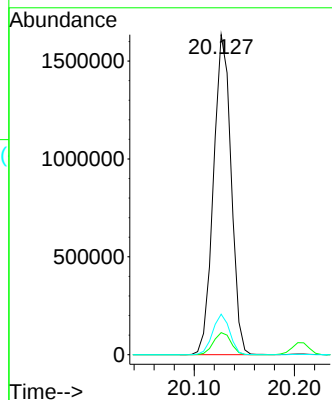
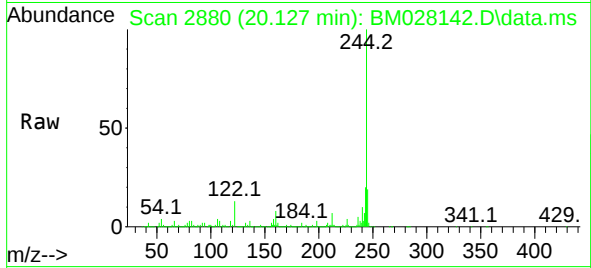




#79
Terphenyl-d14
Concen: 78.02 ng
RT: 20.127 min Scan# 2880
Delta R.T. -0.006 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

Instrument :
BNA_M
ClientSampled :
SS1

Tgt Ion:244 Resp: 1999298
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.6 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.038 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BM028142.D
Acq: 17 Dec 2020 15:44

Tgt Ion:264 Resp: 506501
Ion Ratio Lower Upper
264 100
260 21.9 19.0 28.4
265 21.8 17.7 26.5

