

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033536.D
 Acq On : 20 Dec 2021 12:44
 Operator : CG/JU
 Sample : PB141308TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 03:58:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 03:57:10 2021
 Response via : Initial Calibration

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

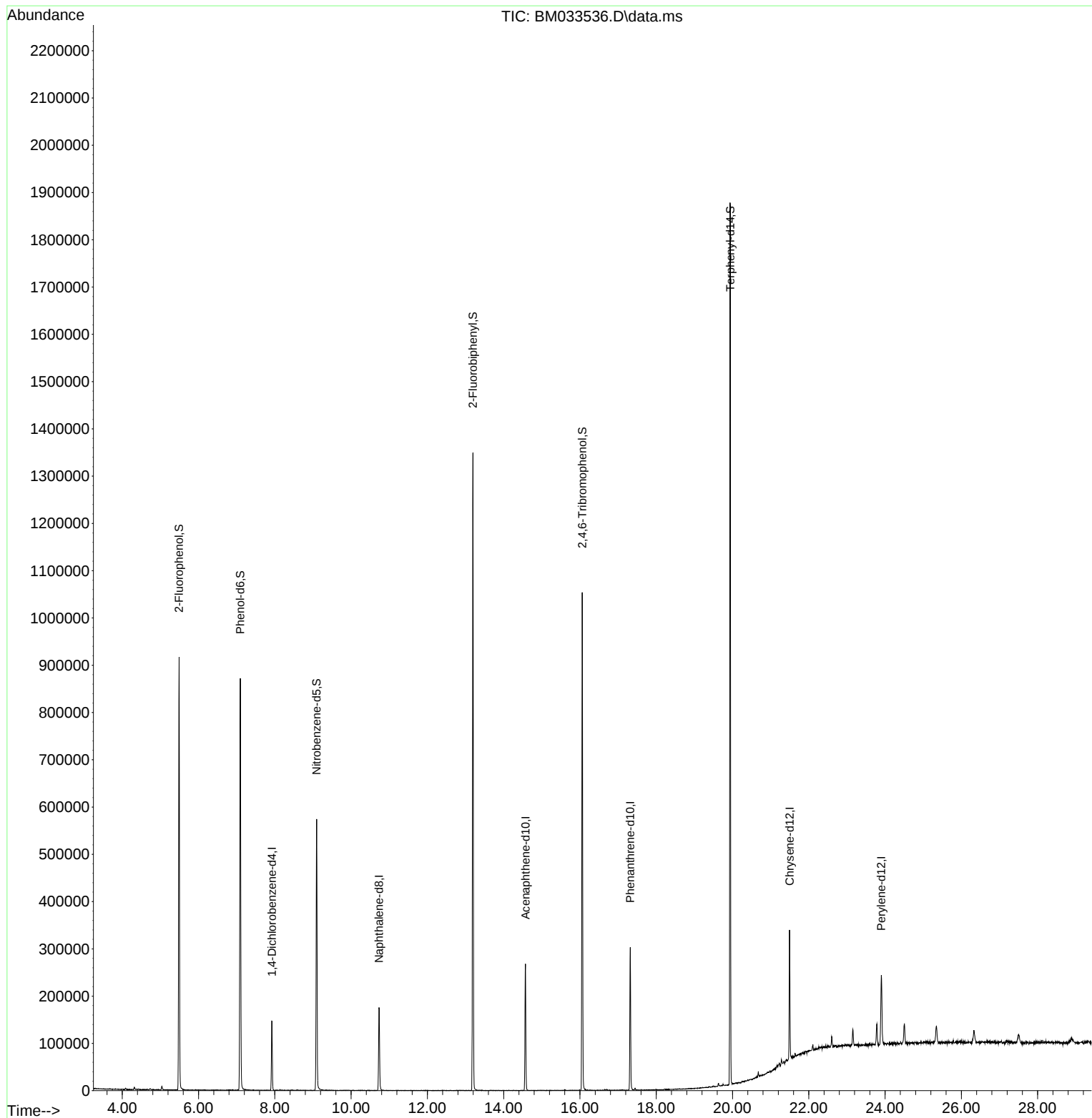
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	32925	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	132163	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	87605	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	174321	20.000	ng	# 0.00
76) Chrysene-d12	21.494	240	129023	20.000	ng	# 0.00
86) Perylene-d12	23.900	264	114680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	286900	150.359	ng	0.00
7) Phenol-d6	7.095	99	366536	143.141	ng	0.00
23) Nitrobenzene-d5	9.095	82	293629	95.395	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	134953	136.944	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	596798	94.236	ng	0.00
79) Terphenyl-d14	19.942	244	779105	95.066	ng	0.00
Target Compounds						
9) Benzaldehyde	7.095	77	992	Below Cal	Qvalue #	7

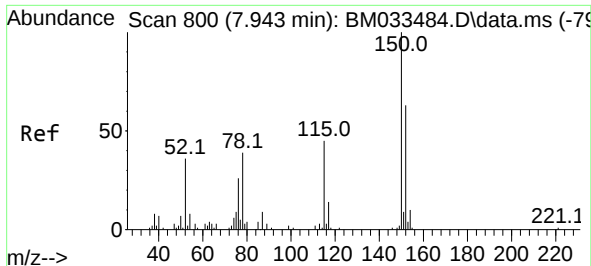
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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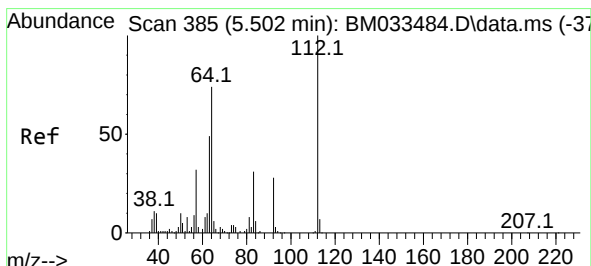
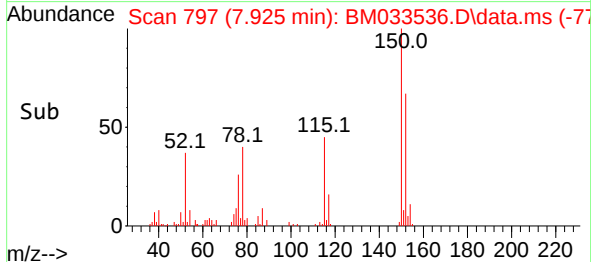
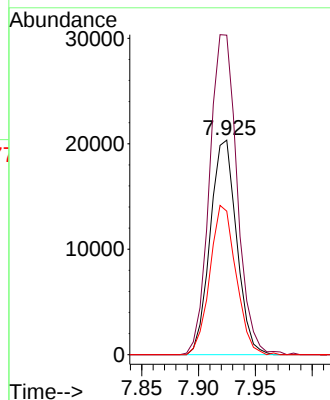
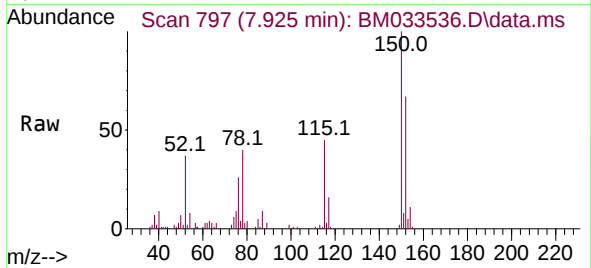




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 79
Delta R.T. 0.006 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

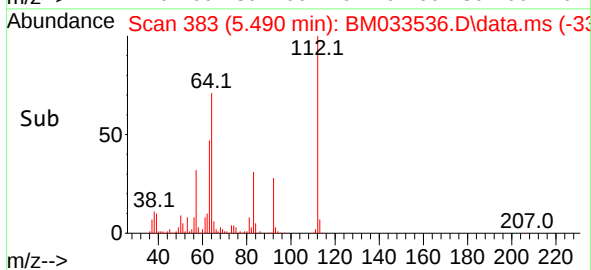
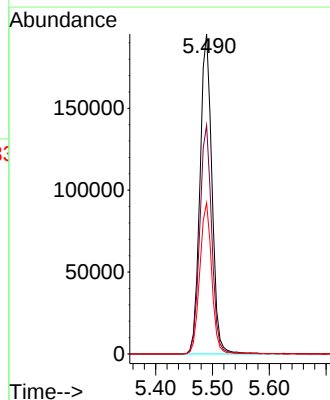
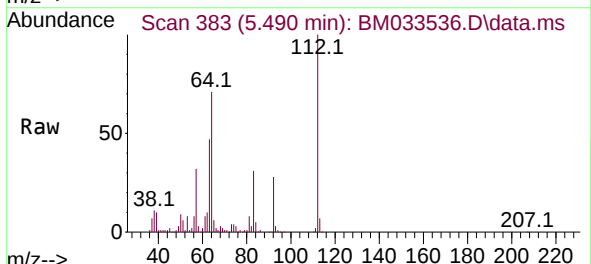
Instrument :
BNA_M
ClientSampleId :

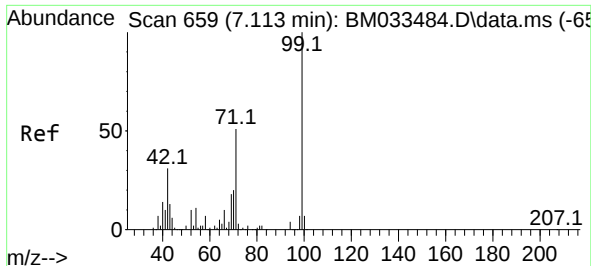
Tgt Ion:152 Resp: 32925
Ion Ratio Lower Upper
152 100
150 149.0 128.9 193.3
115 66.9 53.0 79.6



#5
2-Fluorophenol
Concen: 150.359 ng
RT: 5.490 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

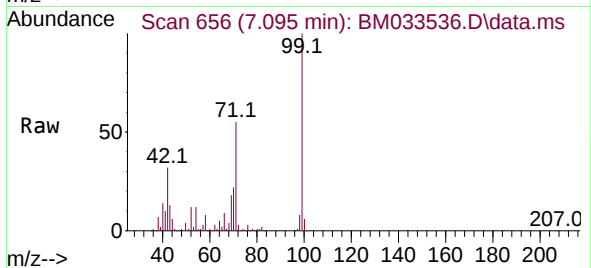
Tgt Ion:112 Resp: 286900
Ion Ratio Lower Upper
112 100
64 71.4 55.5 83.3
63 47.2 31.3 46.9#



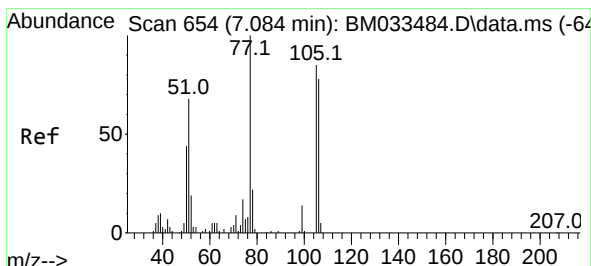
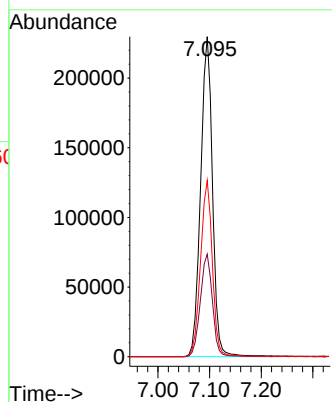
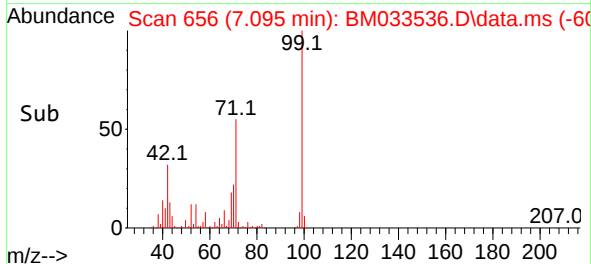


#7
Phenol-d6
Concen: 143.141 ng
RT: 7.095 min Scan# 656
Delta R.T. 0.006 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

Instrument :
BNA_M
ClientSampleId :

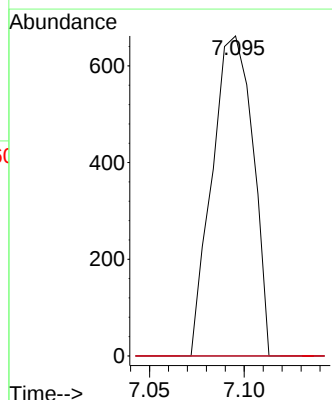
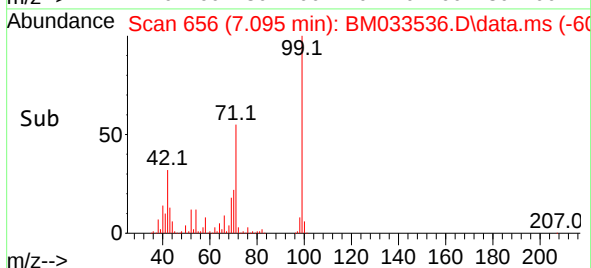
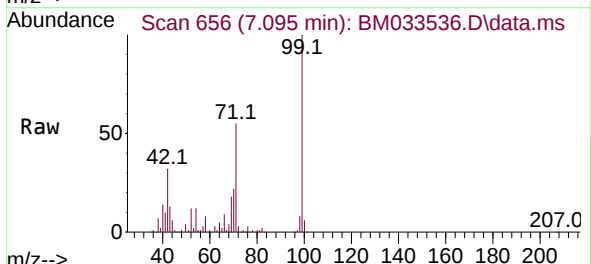


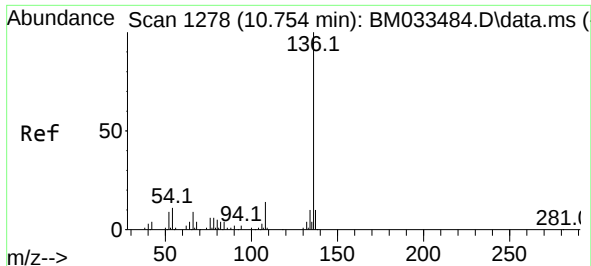
Tgt Ion: 99 Resp: 366536
Ion Ratio Lower Upper
99 100
42 32.0 20.3 30.5#
71 55.0 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.095 min Scan# 656
Delta R.T. 0.029 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

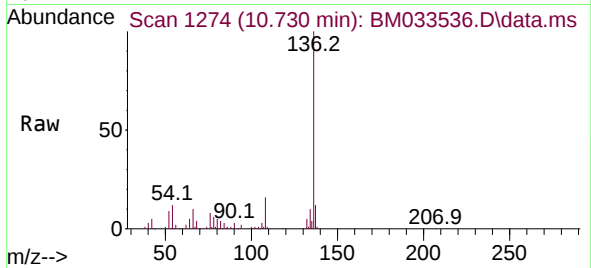
Tgt Ion: 77 Resp: 992
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



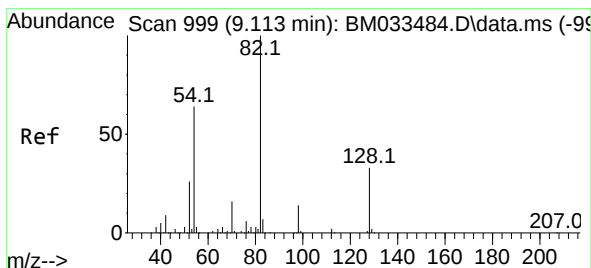
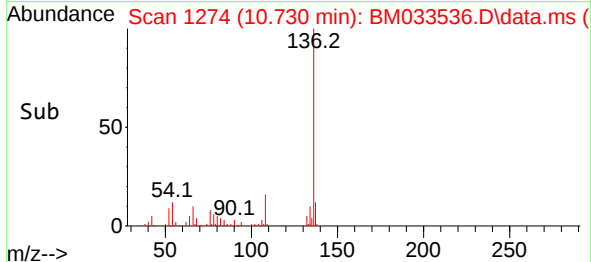
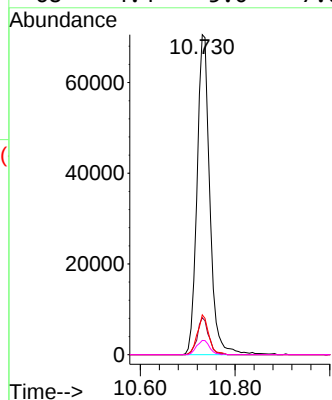


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.730 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

Instrument :
BNA_M
ClientSampleId :

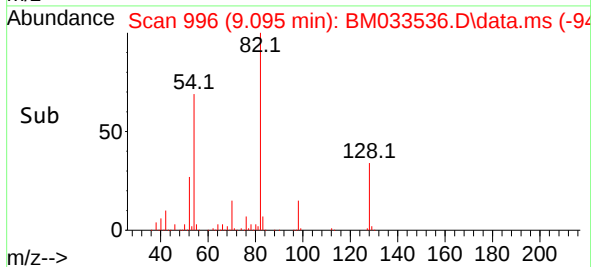
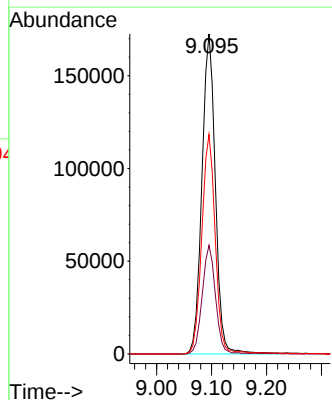
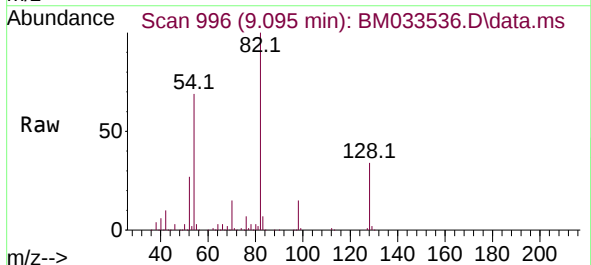


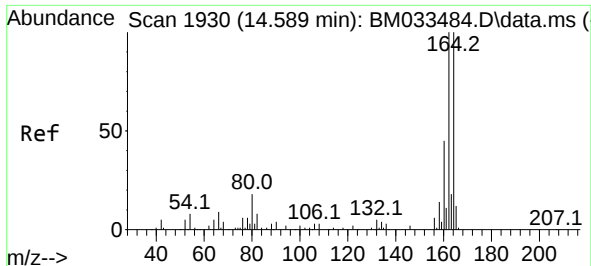
Tgt Ion:136 Resp: 132163
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 12.4 8.3 12.5
68 4.4 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 95.395 ng
RT: 9.095 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

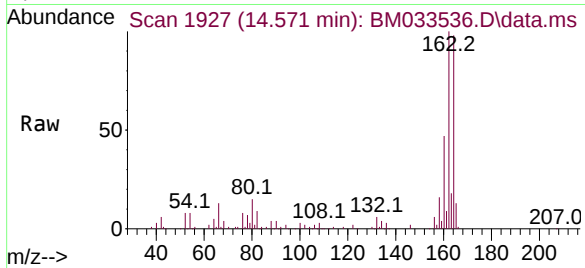
Tgt Ion: 82 Resp: 293629
Ion Ratio Lower Upper
82 100
128 33.9 28.1 42.1
54 68.6 46.1 69.1



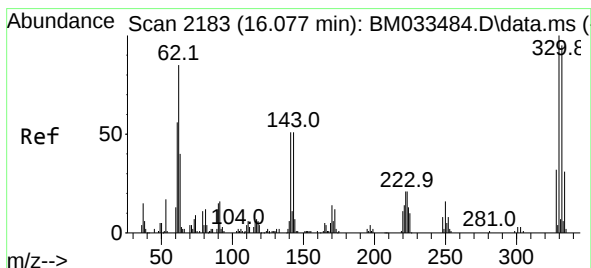
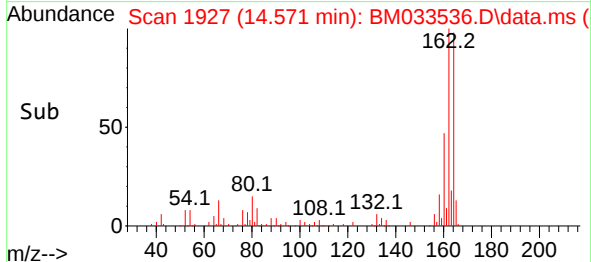
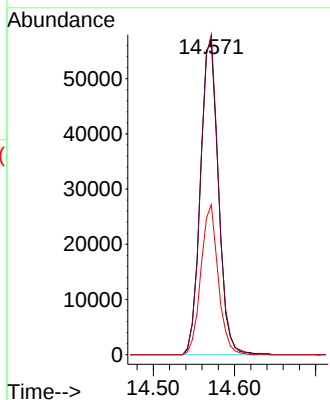


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

Instrument :
BNA_M
ClientSampleId :

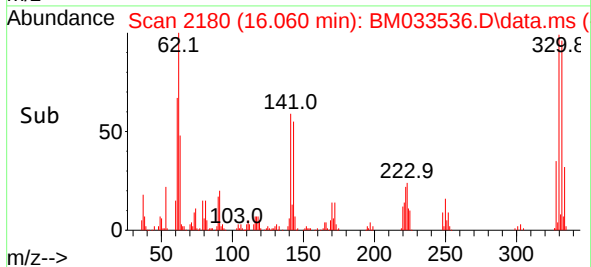
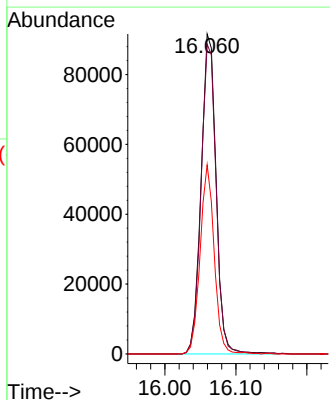
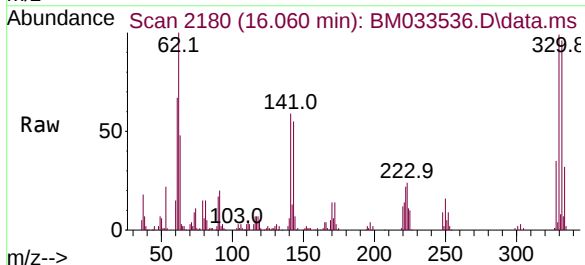


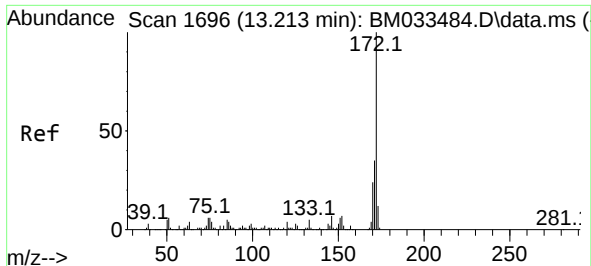
Tgt Ion:164 Resp: 87605
Ion Ratio Lower Upper
164 100
162 102.3 79.7 119.5
160 47.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 136.944 ng
RT: 16.060 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

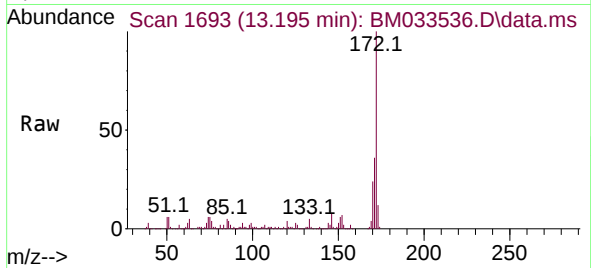
Tgt Ion:330 Resp: 134953
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 55.6 35.9 53.9#



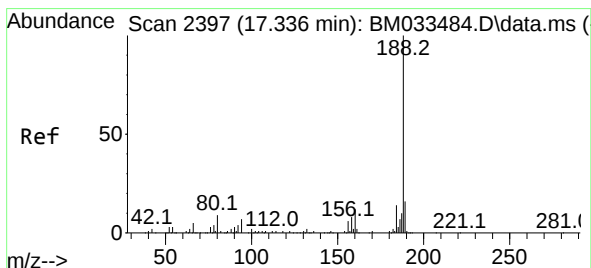
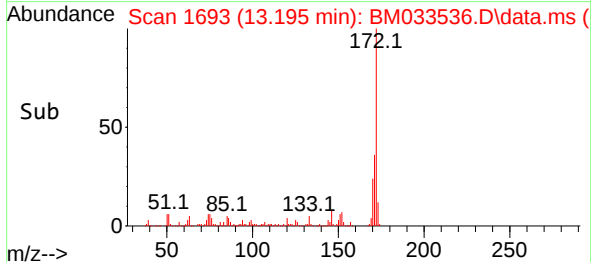
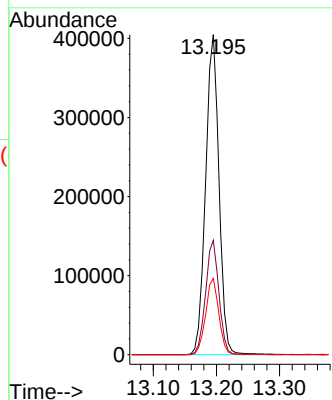


#45
2-Fluorobiphenyl
Concen: 94.236 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

Instrument :
BNA_M
ClientSampleId :

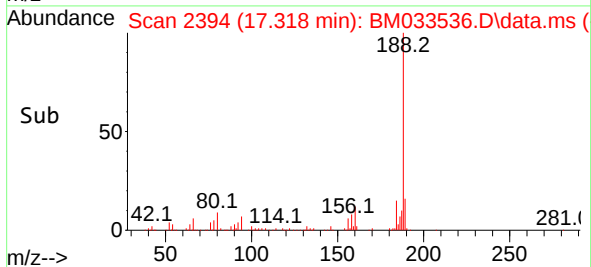
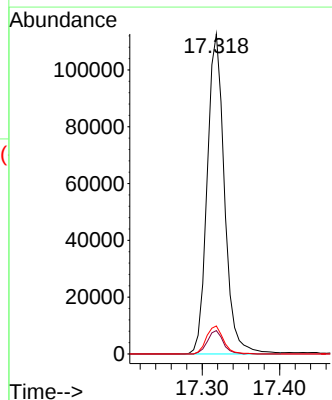
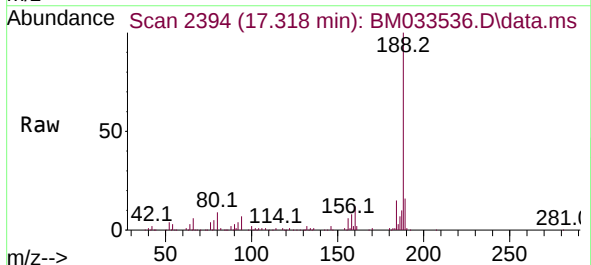


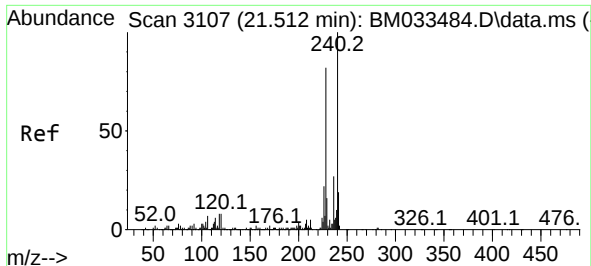
Tgt Ion:172 Resp: 596798
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 23.8 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

Tgt Ion:188 Resp: 174321
Ion Ratio Lower Upper
188 100
94 7.3 7.5 11.3#
80 8.8 8.9 13.3#

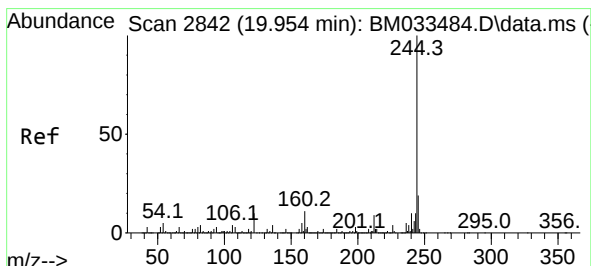
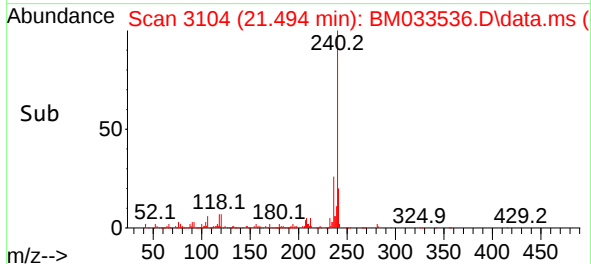
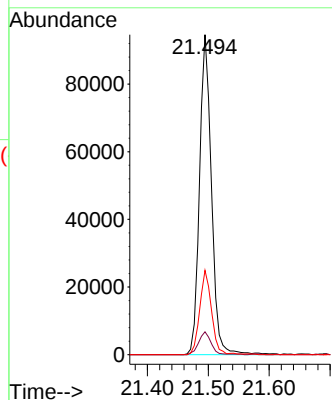
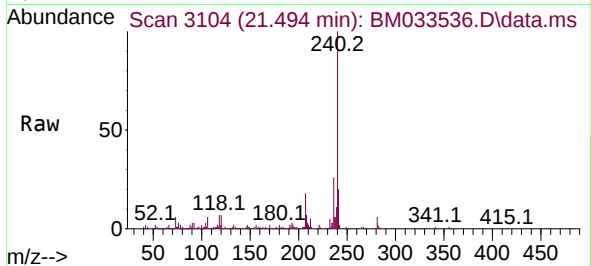




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.494 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

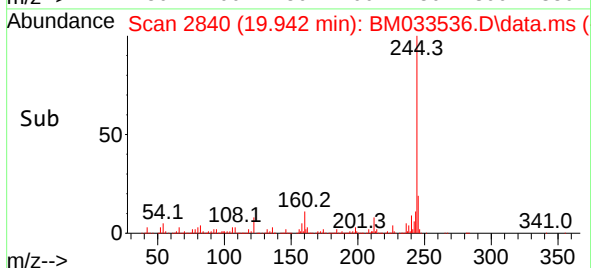
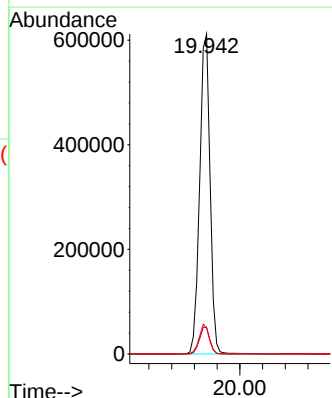
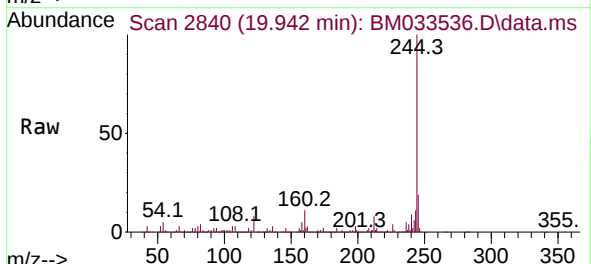
Instrument :
BNA_M
ClientSampleId :

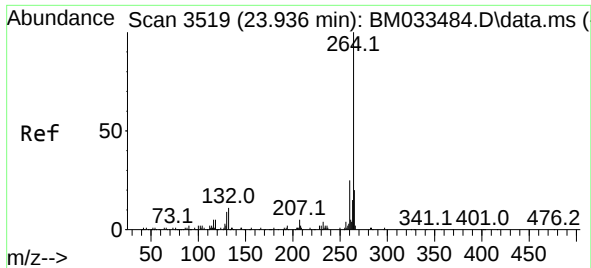
Tgt Ion:240 Resp: 129023
Ion Ratio Lower Upper
240 100
120 7.1 7.8 11.6#
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 95.066 ng
RT: 19.942 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BM033536.D
Acq: 20 Dec 2021 12:44

Tgt Ion:244 Resp: 779105
Ion Ratio Lower Upper
244 100
212 8.4 5.9 8.9
122 8.1 8.4 12.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.900 min Scan# 3

Delta R.T. -0.000 min

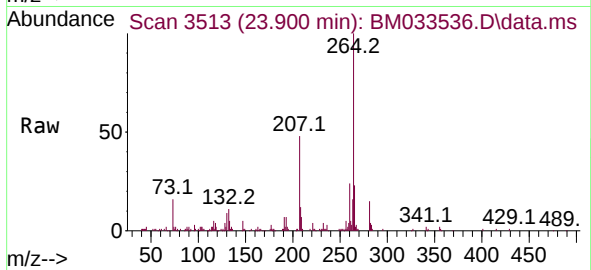
Lab File: BM033536.D

Acq: 20 Dec 2021 12:44

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:264 Resp: 114680

Ion Ratio Lower Upper

264 100

260 23.6 17.7 26.5

265 22.6 17.7 26.5

