

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033499.D
 Acq On : 17 Dec 2021 10:32
 Operator : CG/JU
 Sample : PB141339BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141339BL

Quant Time: Dec 17 11:56:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	28547	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	106859	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	68930	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	131668	20.000	ng	# 0.00
76) Chrysene-d12	21.512	240	77959	20.000	ng	# 0.00
86) Perylene-d12	23.930	264	61049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	163253	98.679	ng	0.00
7) Phenol-d6	7.107	99	200485	90.301	ng	0.00
23) Nitrobenzene-d5	9.107	82	235436	94.602	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	60417	77.918	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	459685	92.251	ng	0.00
79) Terphenyl-d14	19.953	244	528009	106.628	ng	0.00

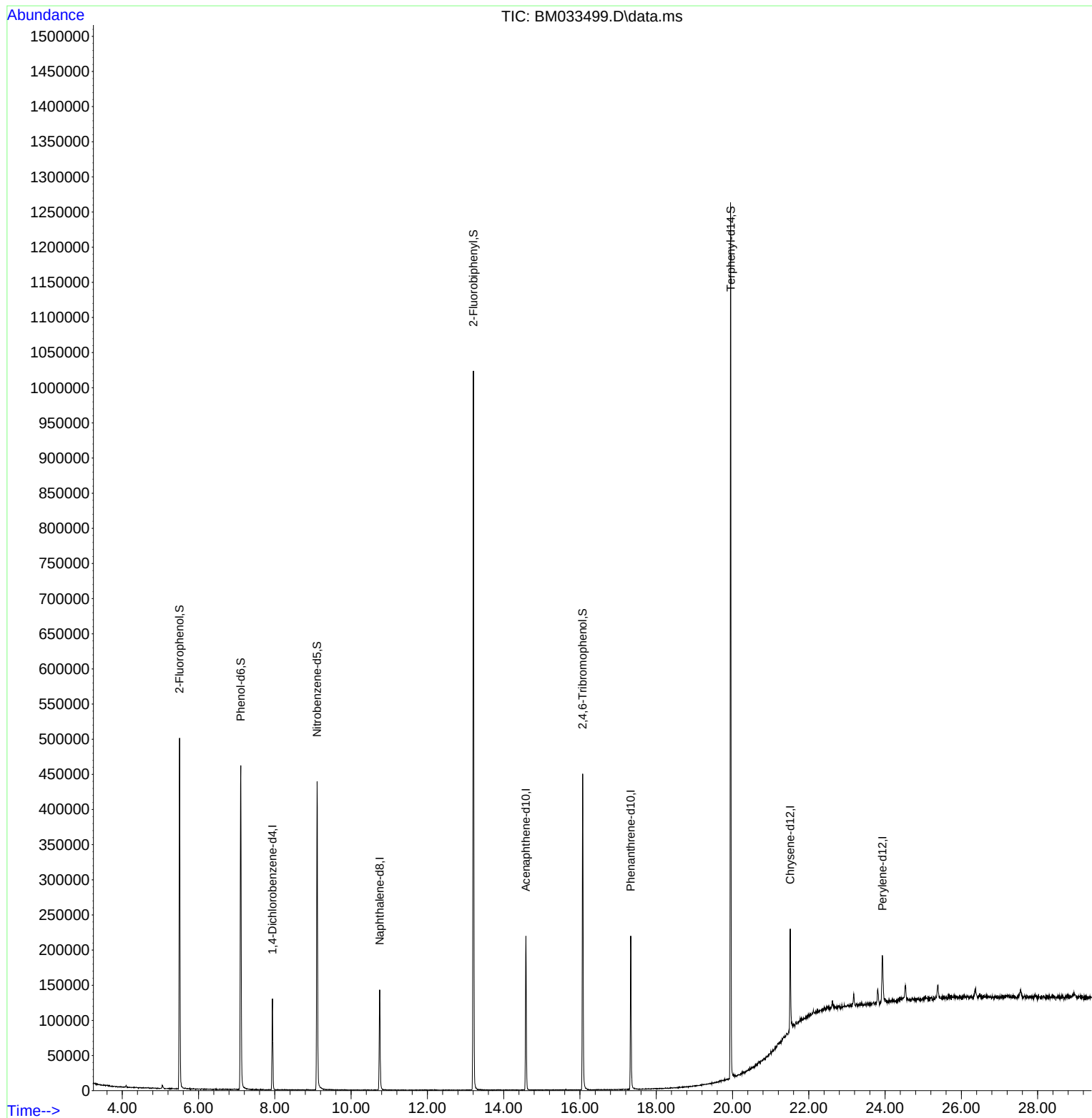
Target Compounds	Qvalue

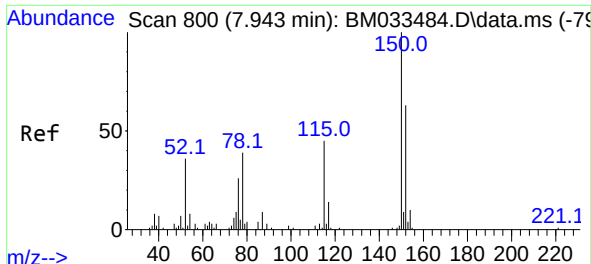
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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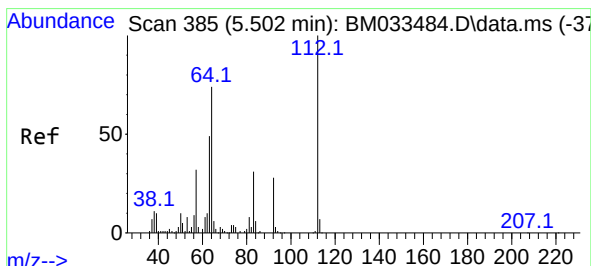
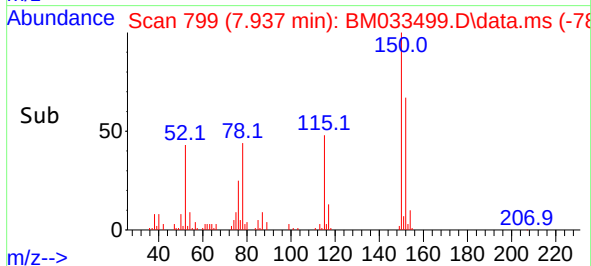
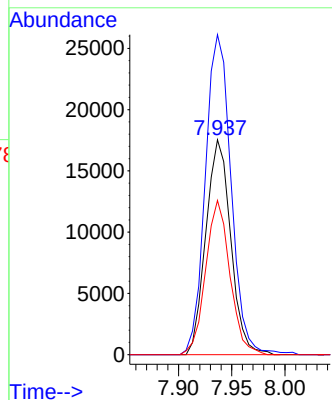
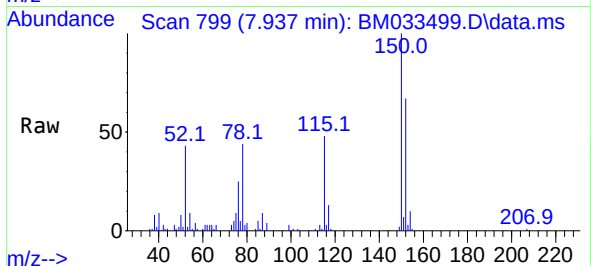




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033499.D
Acq: 17 Dec 2021 10:32

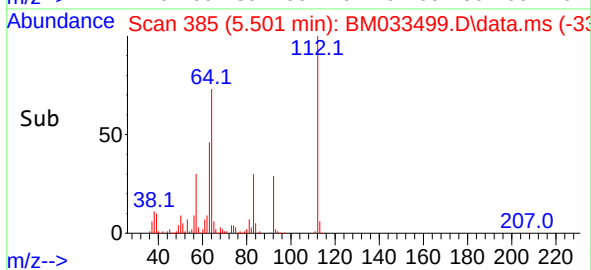
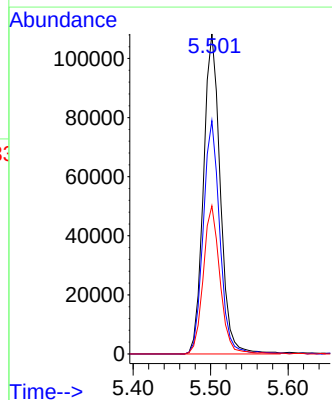
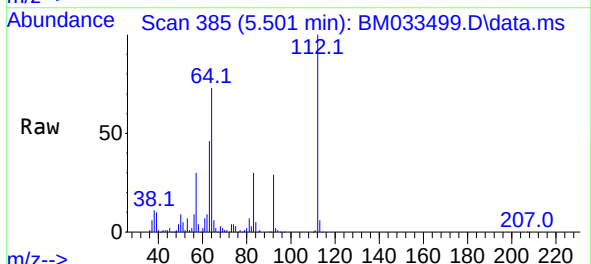
Instrument :
BNA_M
ClientSampleId :
PB141339BL

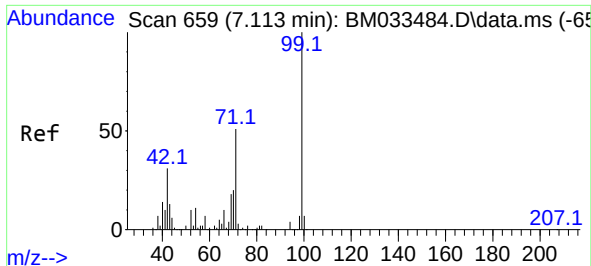
Tgt Ion:152 Resp: 28547
Ion Ratio Lower Upper
152 100
150 148.9 128.9 193.3
115 71.8 53.0 79.6



#5
2-Fluorophenol
Concen: 98.679 ng
RT: 5.501 min Scan# 385
Delta R.T. -0.001 min
Lab File: BM033499.D
Acq: 17 Dec 2021 10:32

Tgt Ion:112 Resp: 163253
Ion Ratio Lower Upper
112 100
64 72.9 55.5 83.3
63 46.3 31.3 46.9

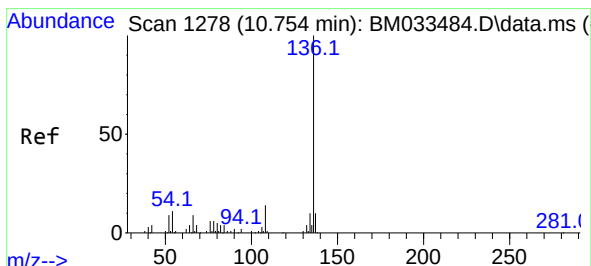
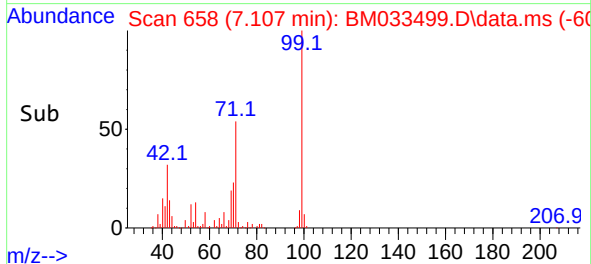
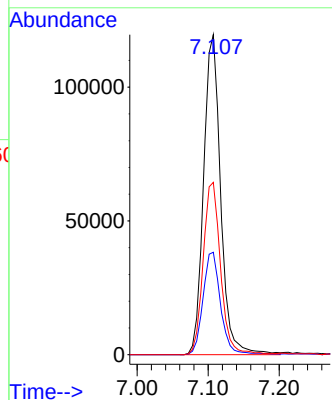
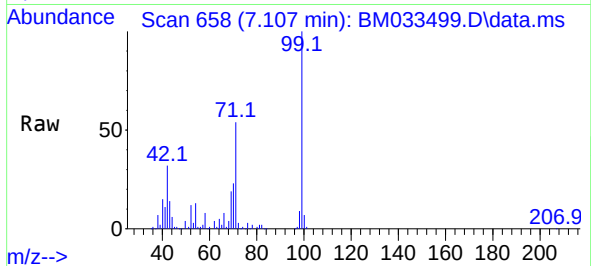




#7
Phenol-d6
Concen: 90.301 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033499.D
Acq: 17 Dec 2021 10:32

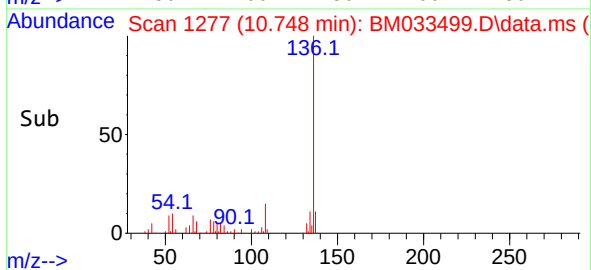
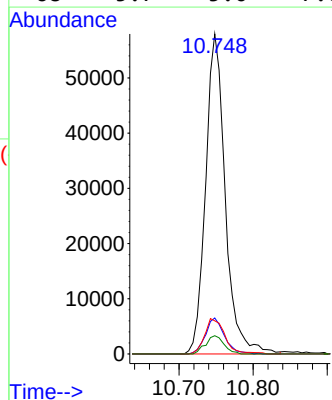
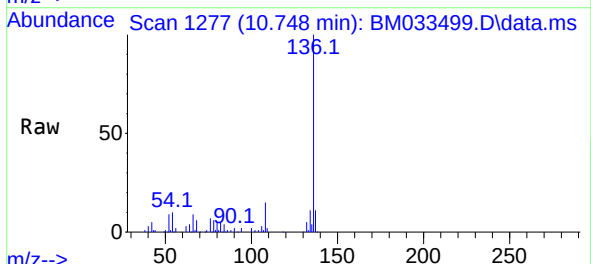
Instrument :
BNA_M
ClientSampleId :
PB141339BL

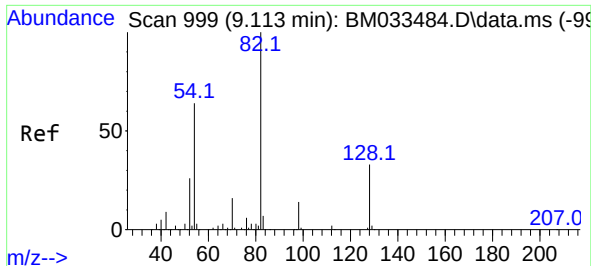
Tgt Ion: 99 Resp: 200485
Ion Ratio Lower Upper
99 100
42 32.0 20.3 30.5#
71 53.8 34.5 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM033499.D
Acq: 17 Dec 2021 10:32

Tgt Ion: 136 Resp: 106859
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.4 8.3 12.5
68 5.7 5.0 7.6

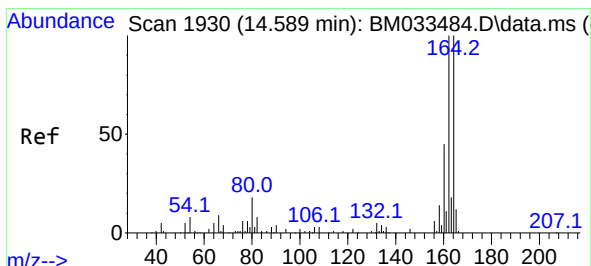
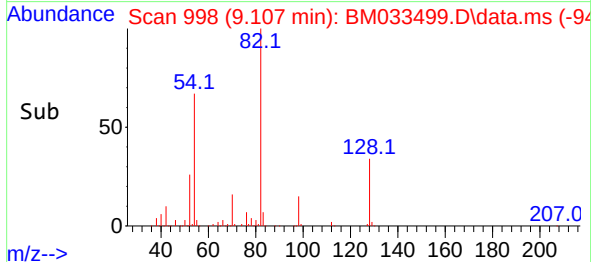
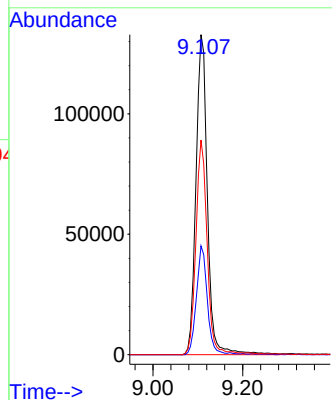
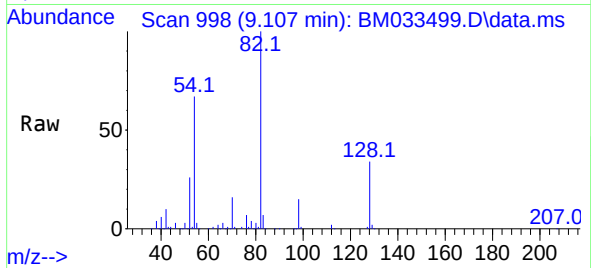




#23
Nitrobenzene-d5
Concen: 94.602 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033499.D
Acq: 17 Dec 2021 10:32

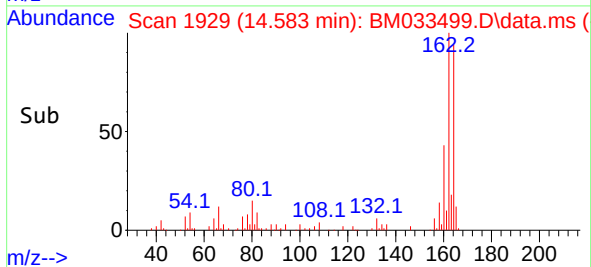
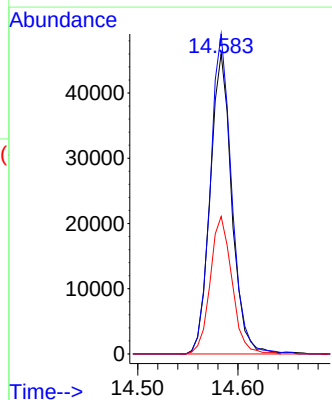
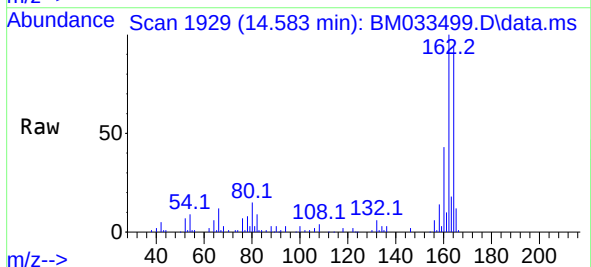
Instrument :
BNA_M
ClientSampleId :
PB141339BL

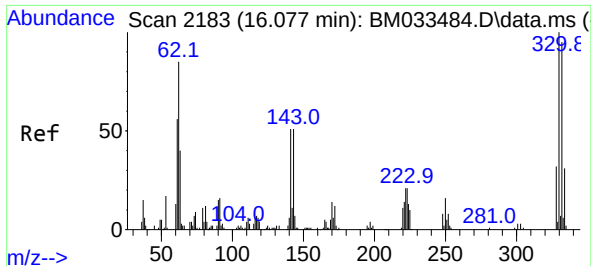
Tgt Ion: 82 Resp: 235436
Ion Ratio Lower Upper
82 100
128 34.0 28.1 42.1
54 67.1 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM033499.D
Acq: 17 Dec 2021 10:32

Tgt Ion: 164 Resp: 68930
Ion Ratio Lower Upper
164 100
162 106.5 79.7 119.5
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 77.918 ng

RT: 16.071 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM033499.D

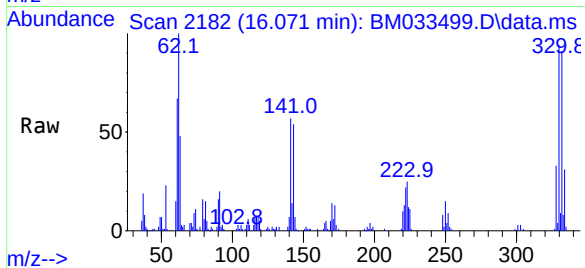
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Instrument :

BNA_M

ClientSampleId :

PB141339BL



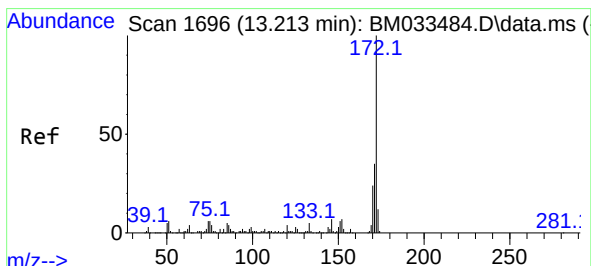
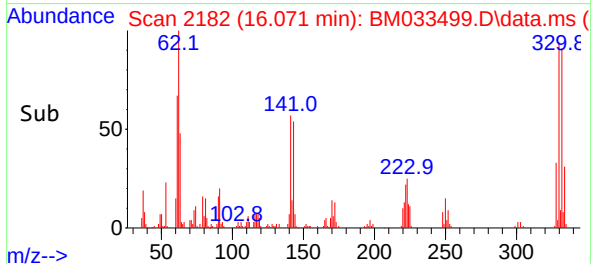
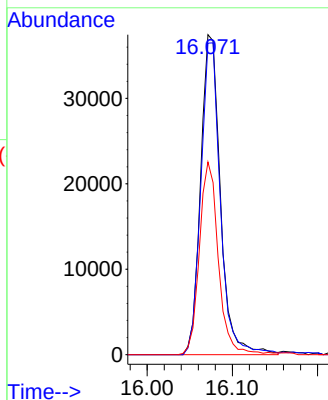
Tgt Ion:330 Resp: 60417

Ion Ratio Lower Upper

330 100

332 96.7 76.5 114.7

141 57.9 35.9 53.9#



#45

2-Fluorobiphenyl

Concen: 92.251 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM033499.D

Acq: 17 Dec 2021 10:32

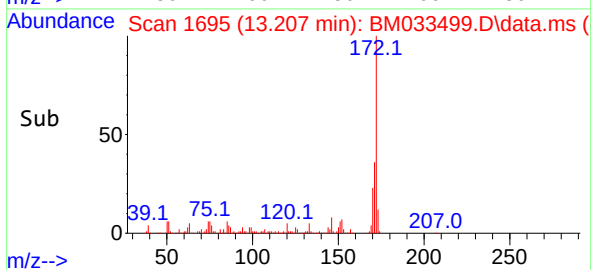
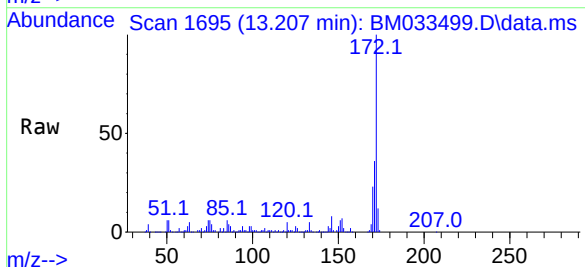
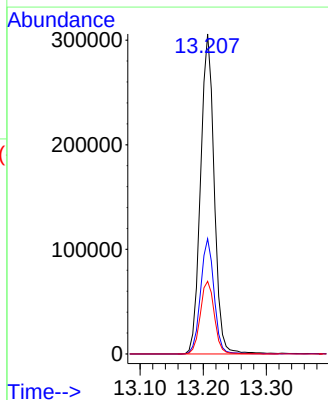
Tgt Ion:172 Resp: 459685

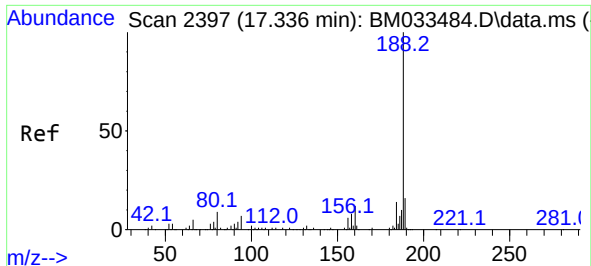
Ion Ratio Lower Upper

172 100

171 36.0 27.2 40.8

170 22.7 18.7 28.1

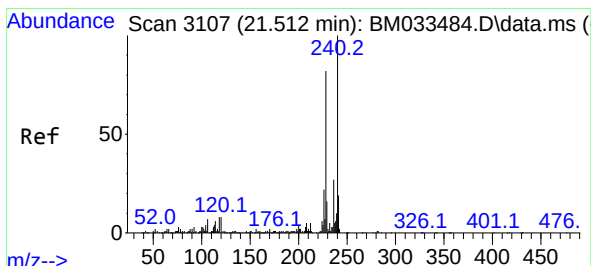
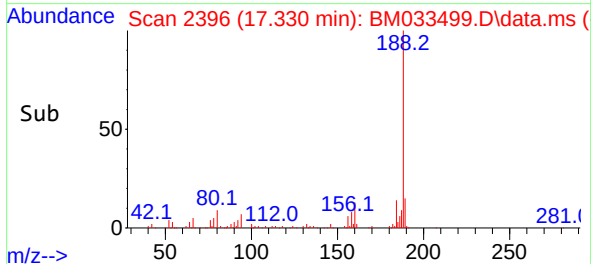
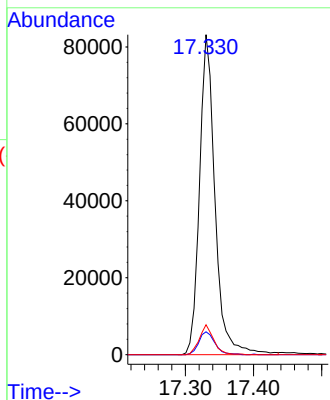
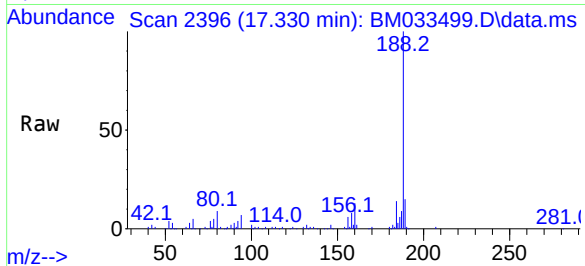




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033499.D
Acq: 17 Dec 2021 10:32

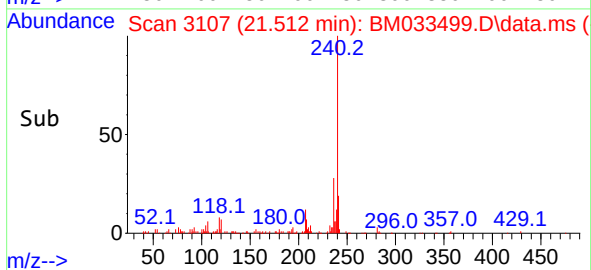
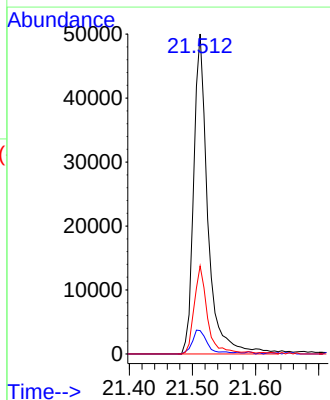
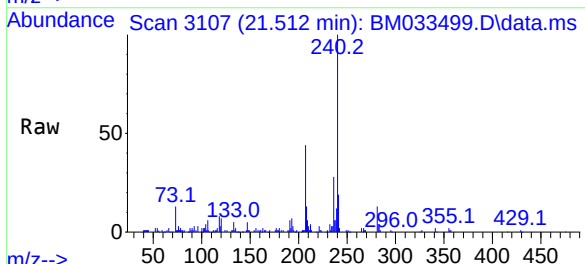
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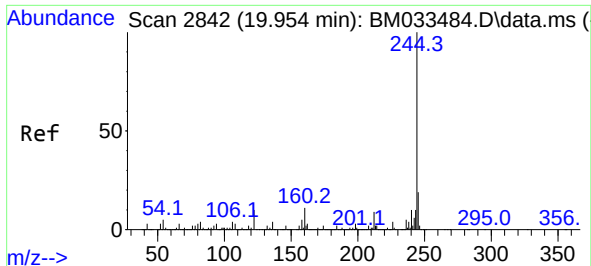
Tgt Ion:188 Resp: 131668
Ion Ratio Lower Upper
188 100
94 7.2 7.5 11.3#
80 9.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM033499.D
Acq: 17 Dec 2021 10:32

Tgt Ion:240 Resp: 77959
Ion Ratio Lower Upper
240 100
120 7.3 7.8 11.6#
236 27.5 20.3 30.5

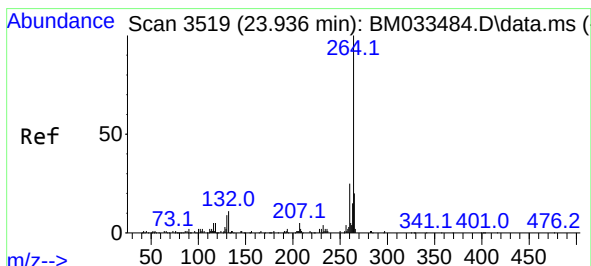
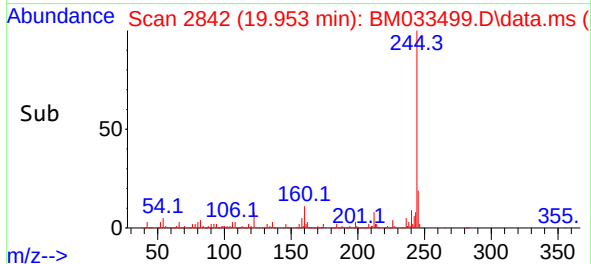
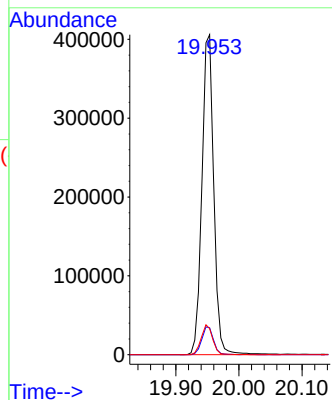
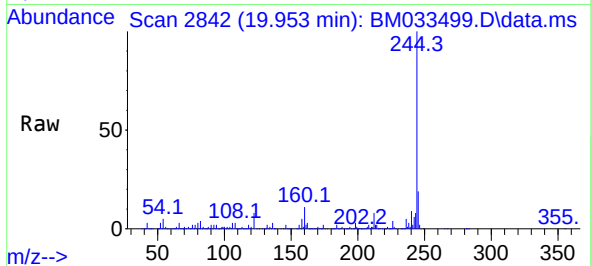




#79
 Terphenyl-d14
 Concen: 106.628 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM033499.D
 Acq: 17 Dec 2021 10:32

Instrument :
 BNA_M
 ClientSampleId :
 PB141339BL

Tgt Ion:244 Resp: 528009
 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: 23.930 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BM033499.D
 Acq: 17 Dec 2021 10:32

Tgt Ion:264 Resp: 61049
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.7 26.5
 265 24.6 17.7 26.5

