

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033559.D
 Acq On : 21 Dec 2021 18:14
 Operator : CG/JU
 Sample : M5182-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLIND-DUPLICATE

Quant Time: Dec 22 03:38:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 16:25:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	23359	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	99156	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	72026	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	160405	20.000	ng	0.00
76) Chrysene-d12	21.483	240	159056	20.000	ng	0.00
86) Perylene-d12	23.883	264	142967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.472	112	130674	96.289	ng	0.00
7) Phenol-d6	7.078	99	171114	90.062	ng	0.00
23) Nitrobenzene-d5	9.084	82	130105	54.500	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	78756	88.801	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	291218	57.005	ng	0.00
79) Terphenyl-d14	19.924	244	507136	53.034	ng	0.00

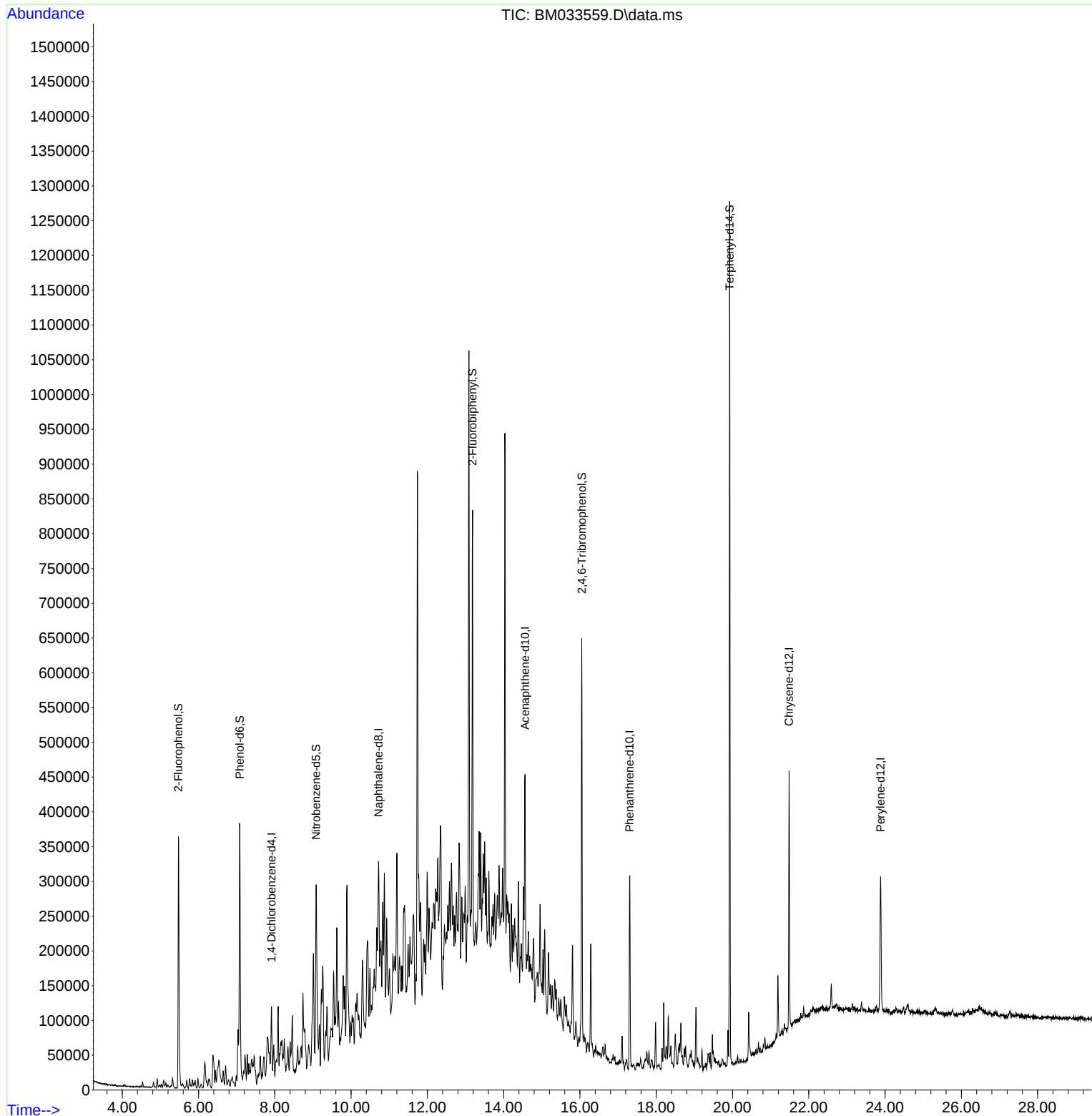
Target Compounds	Qvalue

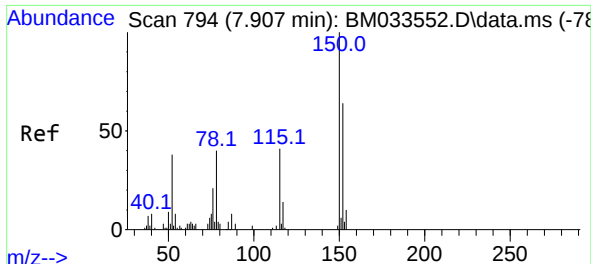
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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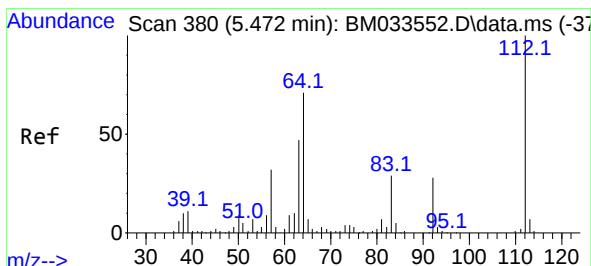
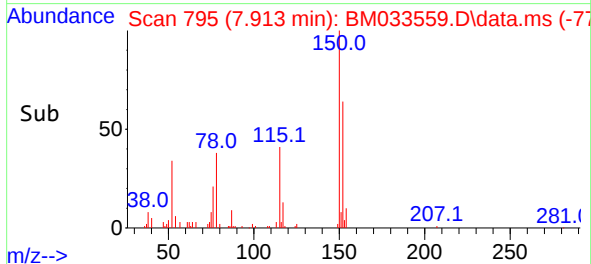
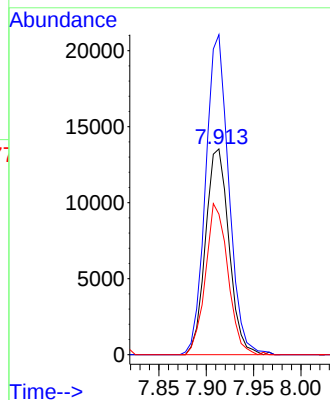
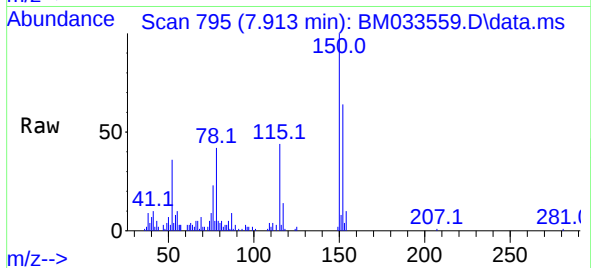




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.913 min Scan# 794
Delta R.T. 0.006 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

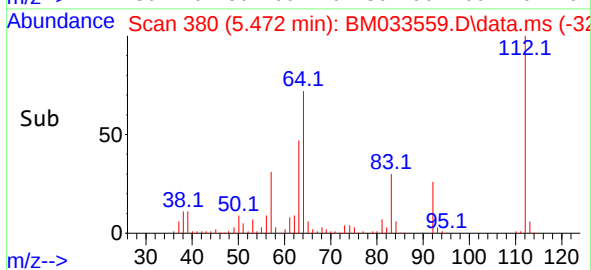
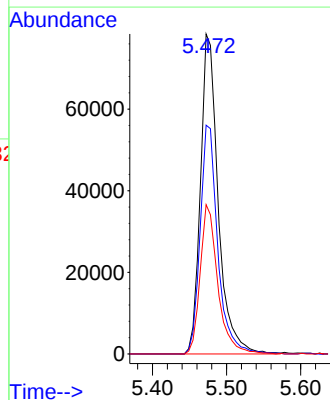
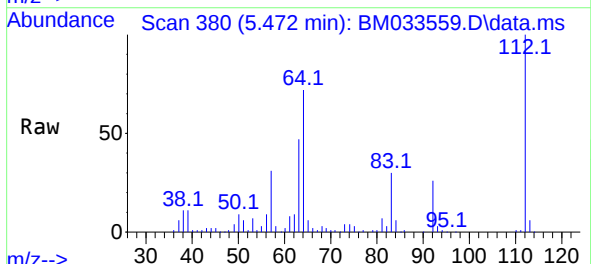
Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

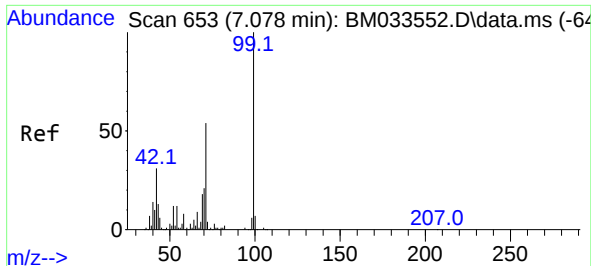
Tgt Ion:152 Resp: 23359
Ion Ratio Lower Upper
152 100
150 155.5 128.9 193.3
115 68.2 53.0 79.6



#5
2-Fluorophenol
Concen: 96.289 ng
RT: 5.472 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

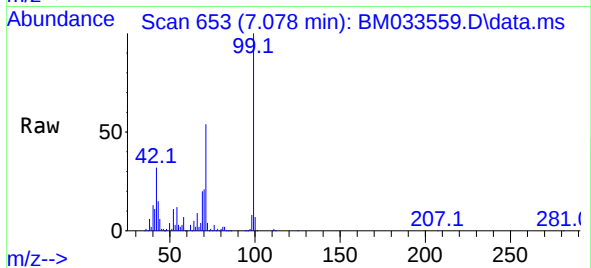
Tgt Ion:112 Resp: 130674
Ion Ratio Lower Upper
112 100
64 71.5 55.5 83.3
63 46.6 31.3 46.9



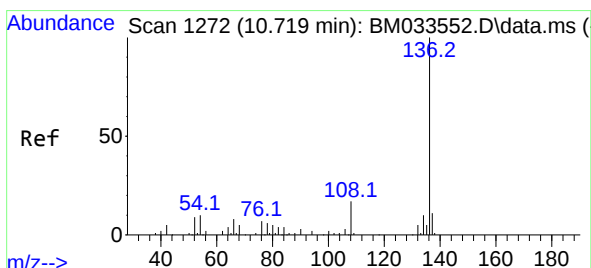
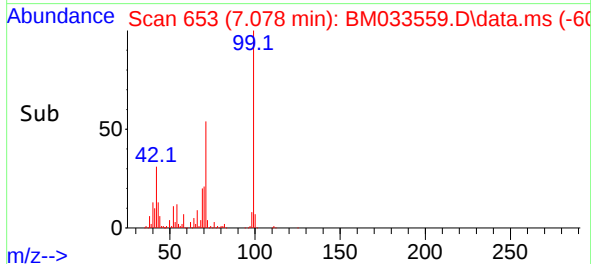
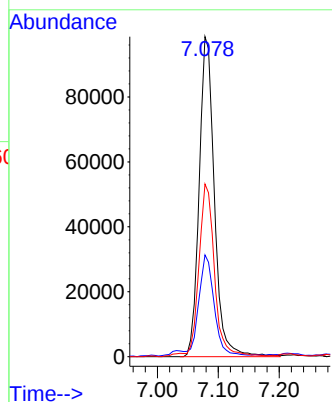


#7
Phenol-d6
Concen: 90.062 ng
RT: 7.078 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

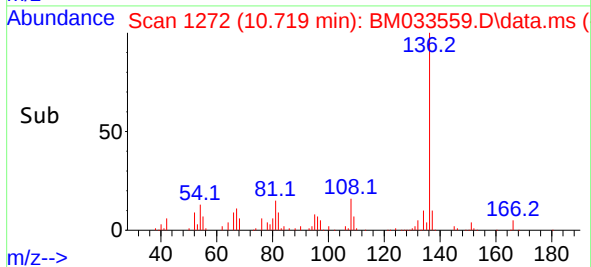
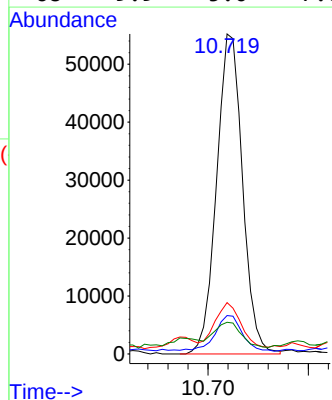
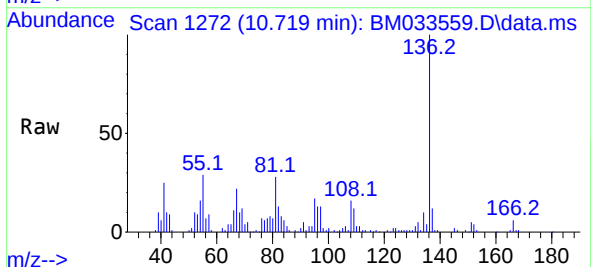


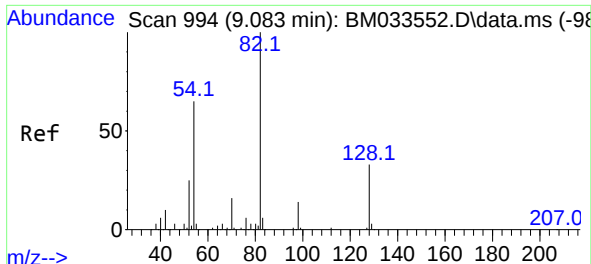
Tgt Ion: 99 Resp: 171114
Ion Ratio Lower Upper
99 100
42 31.8 20.3 30.5#
71 54.0 34.5 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Tgt Ion: 136 Resp: 99156
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 16.1 8.3 12.5#
68 9.9 5.0 7.6#

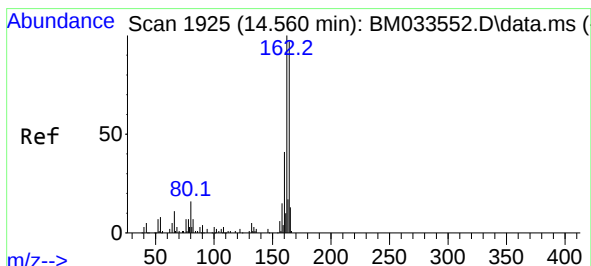
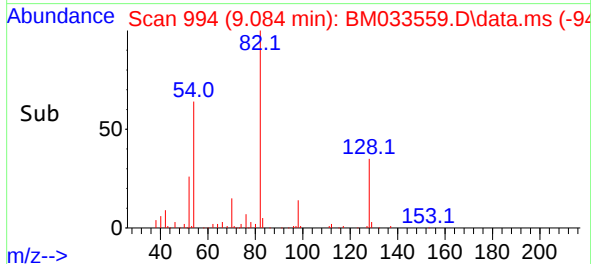
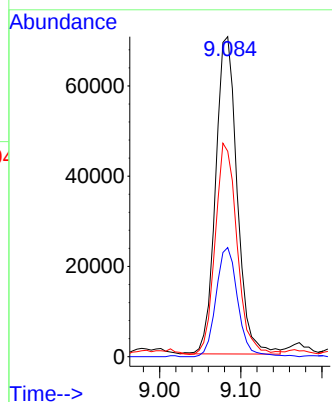
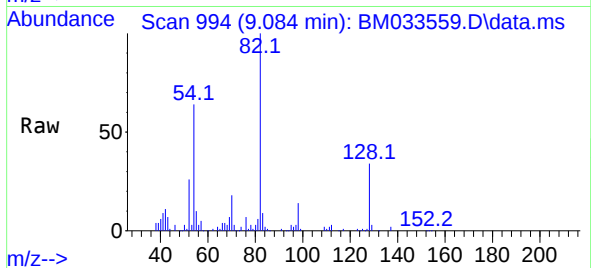




#23
Nitrobenzene-d5
Concen: 54.500 ng
RT: 9.084 min Scan# 994
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

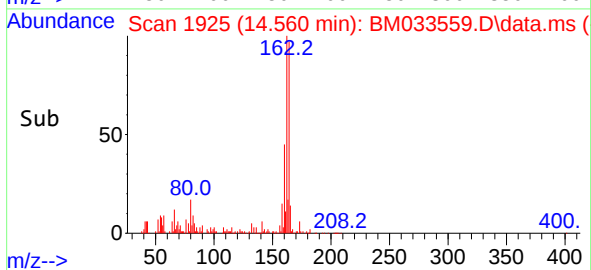
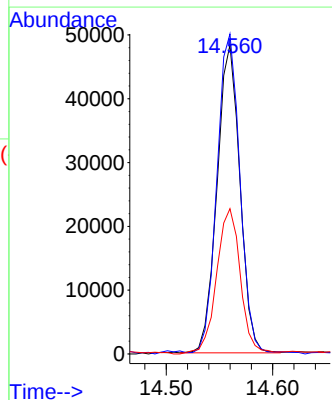
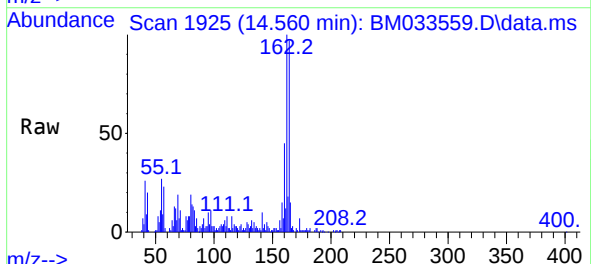
Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

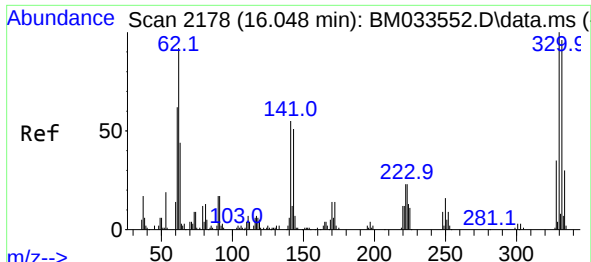
Tgt Ion: 82 Resp: 130105
Ion Ratio Lower Upper
82 100
128 34.1 28.1 42.1
54 64.2 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Tgt Ion:164 Resp: 72026
Ion Ratio Lower Upper
164 100
162 103.5 79.7 119.5
160 47.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 88.801 ng

RT: 16.048 min Scan# 2178

Delta R.T. 0.000 min

Lab File: BM033559.D

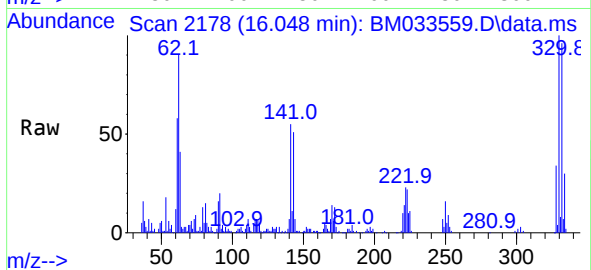
Acq: 21 Dec 2021 18:14

Instrument :

BNA_M

ClientSampleId :

BLIND-DUPLICATE



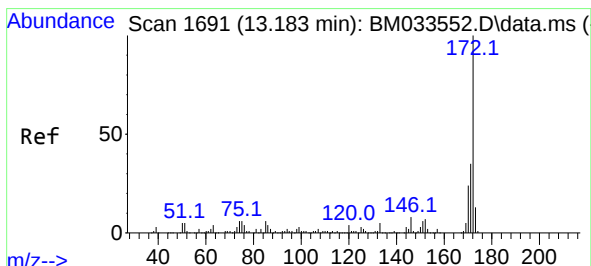
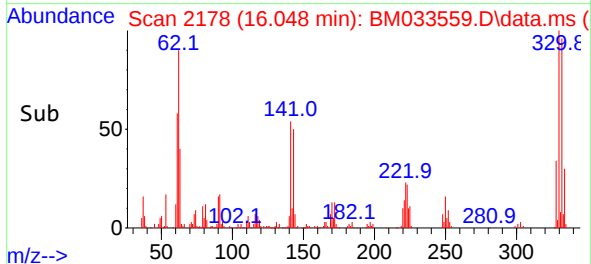
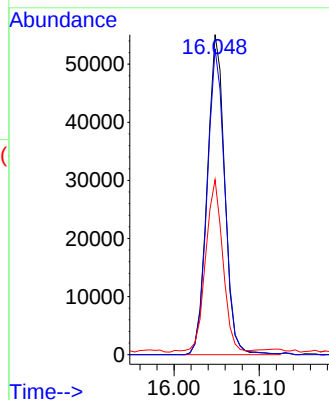
Tgt Ion:330 Resp: 78756

Ion Ratio Lower Upper

330 100

332 96.4 76.5 114.7

141 53.2 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 57.005 ng

RT: 13.184 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM033559.D

Acq: 21 Dec 2021 18:14

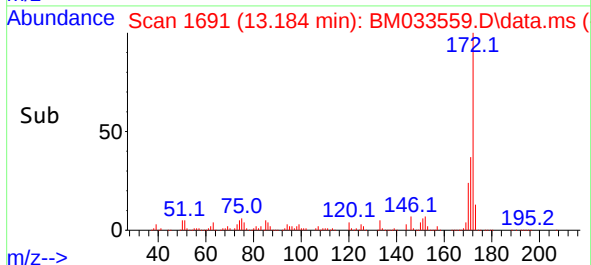
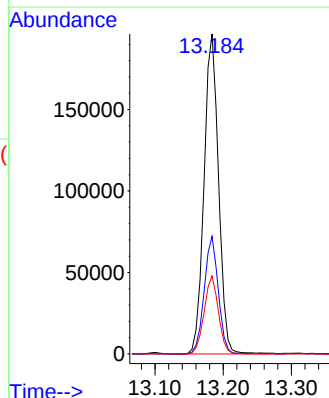
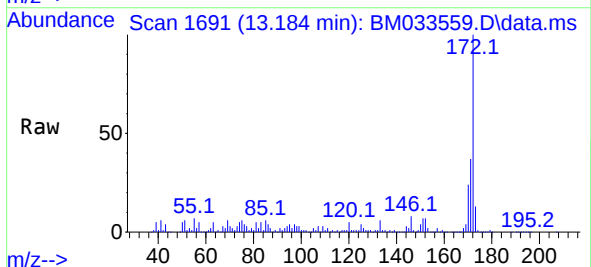
Tgt Ion:172 Resp: 291218

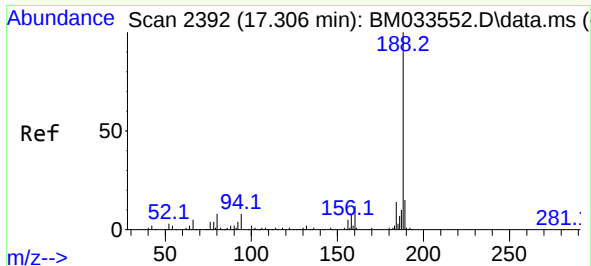
Ion Ratio Lower Upper

172 100

171 36.7 27.2 40.8

170 24.4 18.7 28.1

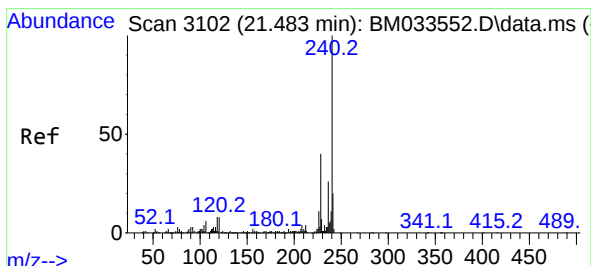
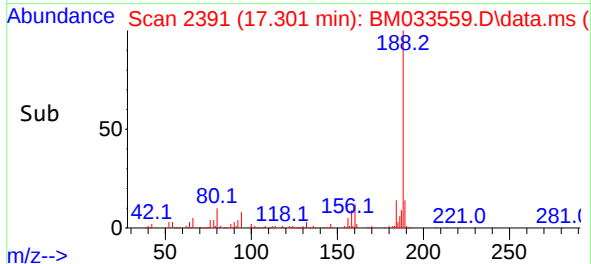
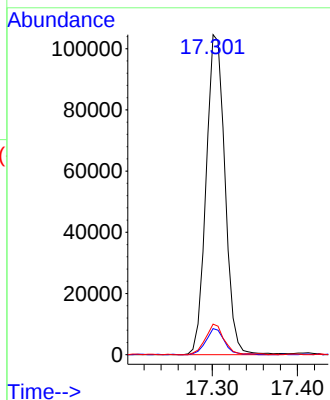
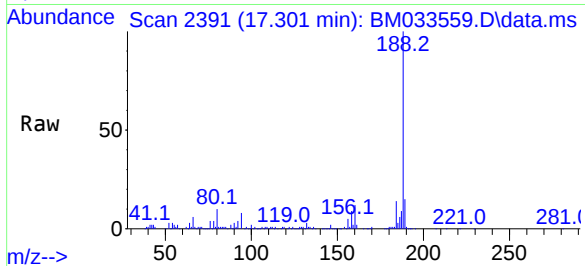




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

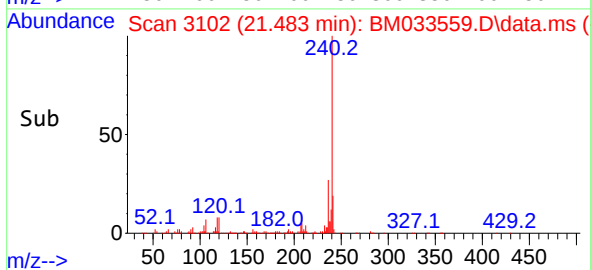
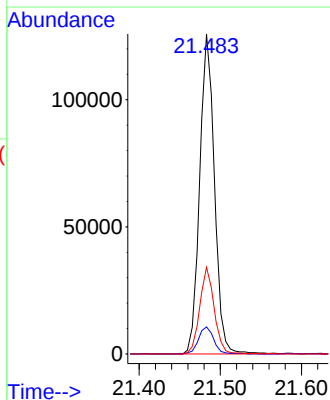
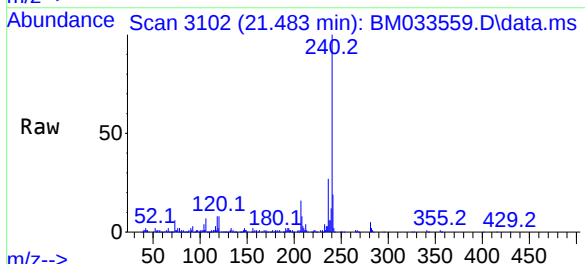
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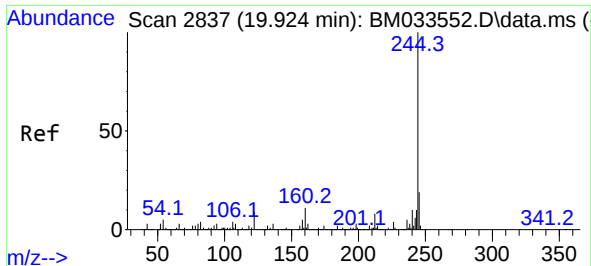
Tgt Ion:188 Resp: 160405
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Tgt Ion:240 Resp: 159056
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 27.1 20.3 30.5

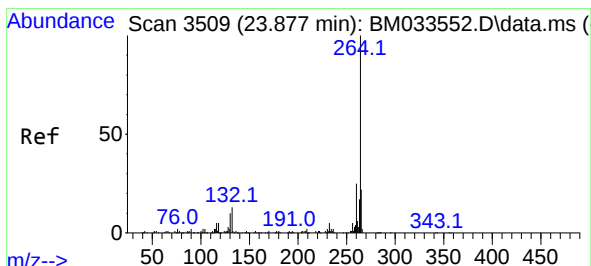
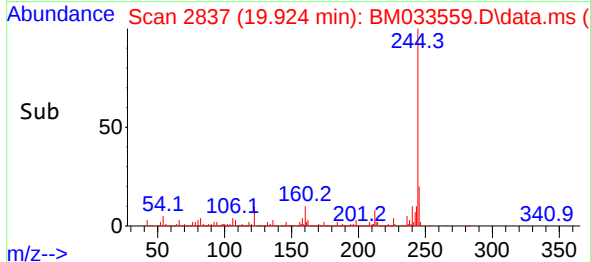
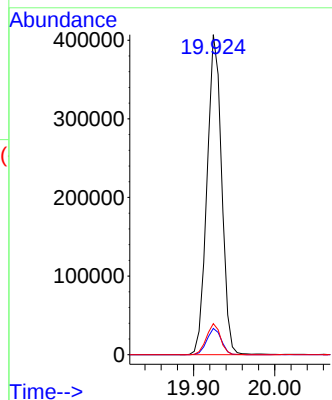
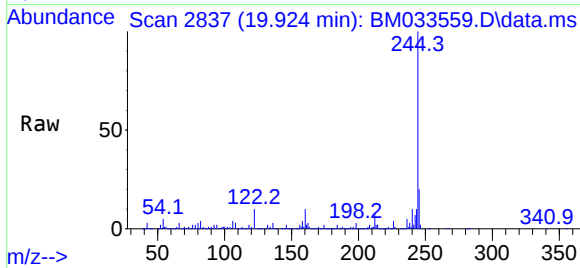




#79
 Terphenyl-d14
 Concen: 53.034 ng
 RT: 19.924 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM033559.D
 Acq: 21 Dec 2021 18:14

Instrument :
 BNA_M
 ClientSampleId :
 BLIND-DUPLICATE

Tgt Ion:244 Resp: 507136
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 9.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.883 min Scan# 3510
 Delta R.T. 0.006 min
 Lab File: BM033559.D
 Acq: 21 Dec 2021 18:14

Tgt Ion:264 Resp: 142967
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.7 26.5
 265 22.6 17.7 26.5

