

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120721\
 Data File : BM033334.D
 Acq On : 07 Dec 2021 22:03
 Operator : CG/JU
 Sample : PB141212BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141212BL

Quant Time: Dec 08 02:52:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 02:33:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	66854	20.000	ng	0.00
21) Naphthalene-d8	10.707	136	256989	20.000	ng	0.00
39) Acenaphthene-d10	14.536	164	150405	20.000	ng	0.00
64) Phenanthrene-d10	17.277	188	269639	20.000	ng	0.00
76) Chrysene-d12	21.442	240	200162	20.000	ng	0.00
86) Perylene-d12	23.765	264	203099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	576823	140.294	ng	0.00
7) Phenol-d6	7.090	99	758177	131.910	ng	0.00
23) Nitrobenzene-d5	9.078	82	551922	93.050	ng	0.00
42) 2,4,6-Tribromophenol	16.024	330	186794	115.246	ng	0.00
45) 2-Fluorobiphenyl	13.160	172	1019253	95.349	ng	0.00
79) Terphenyl-d14	19.889	244	1060329	100.934	ng	0.00

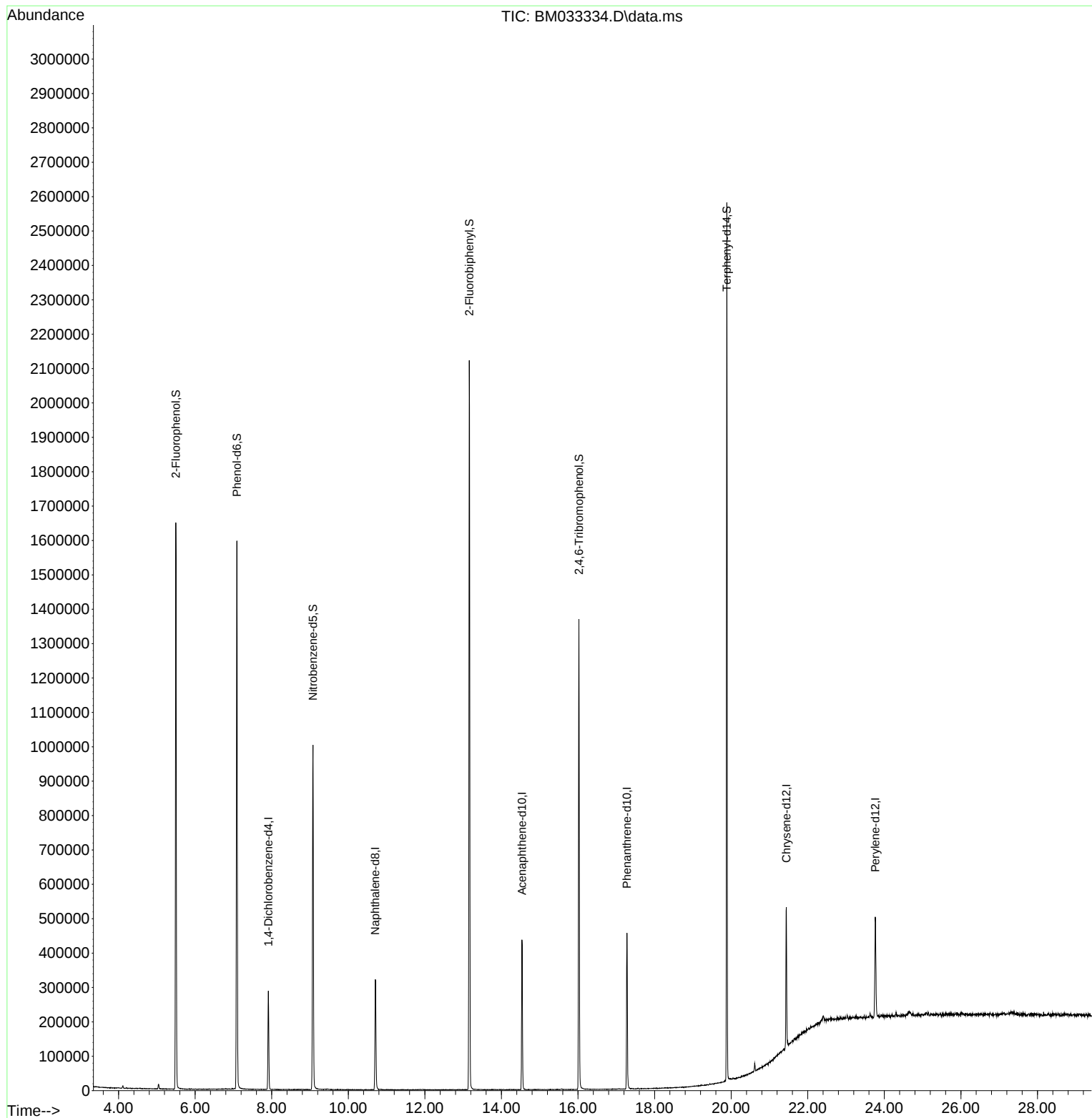
Target Compounds	Qvalue

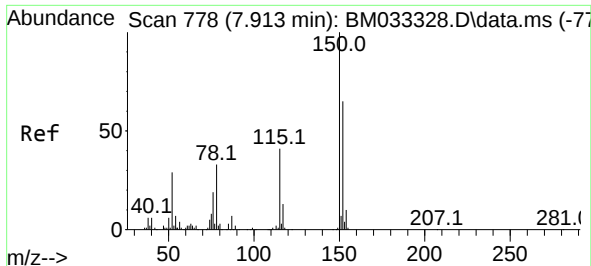
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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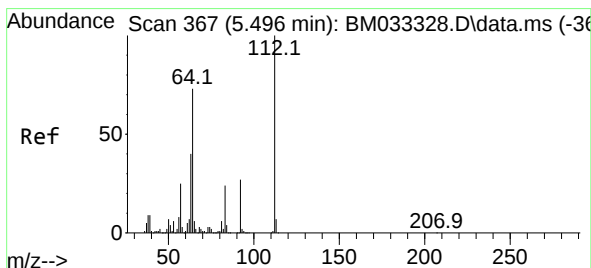
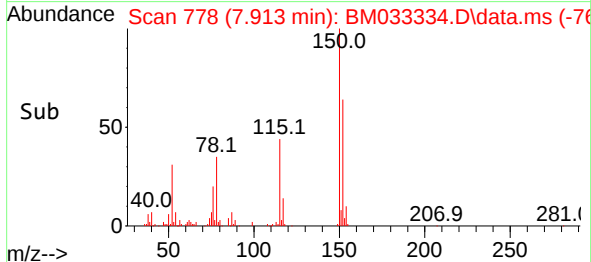
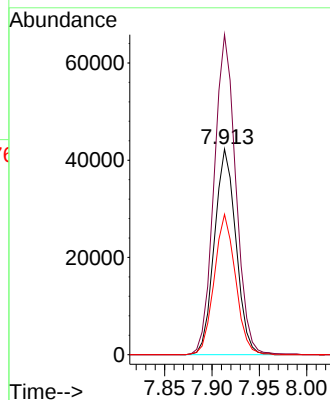
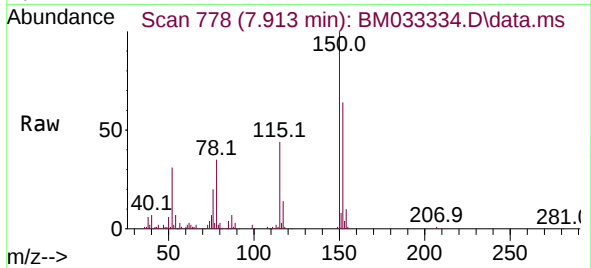




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.913 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM033334.D
Acq: 07 Dec 2021 22:03

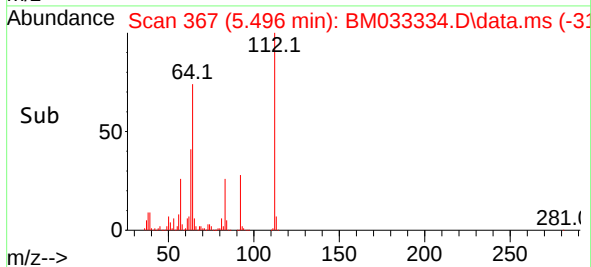
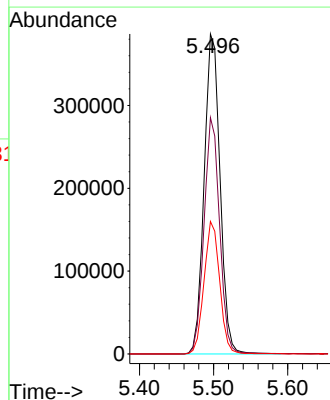
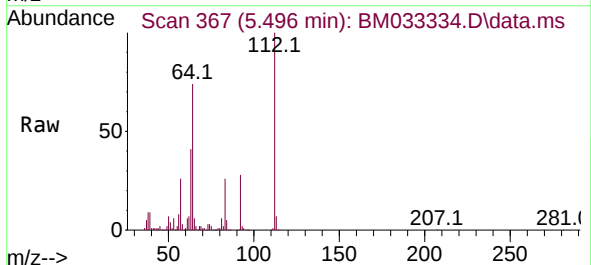
Instrument :
BNA_M
ClientSampleId :
PB141212BL

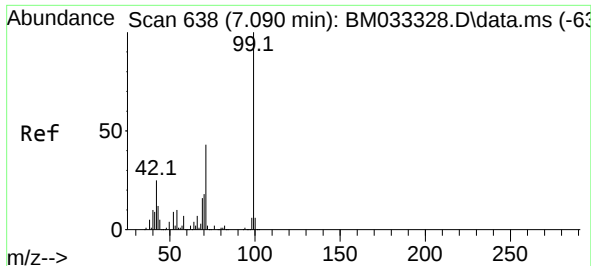
Tgt Ion:152 Resp: 66854
Ion Ratio Lower Upper
152 100
150 155.6 123.8 185.6
115 68.3 50.9 76.3



#5
2-Fluorophenol
Concen: 140.294 ng
RT: 5.496 min Scan# 367
Delta R.T. -0.000 min
Lab File: BM033334.D
Acq: 07 Dec 2021 22:03

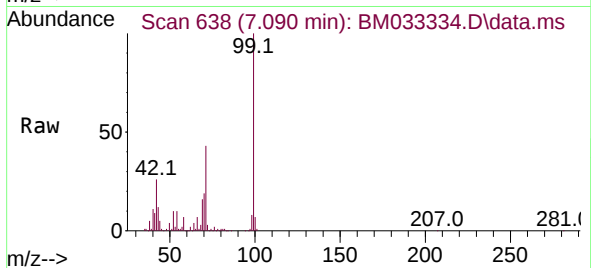
Tgt Ion:112 Resp: 576823
Ion Ratio Lower Upper
112 100
64 73.8 58.1 87.1
63 41.4 31.6 47.4





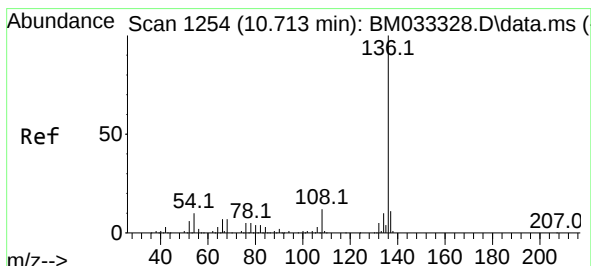
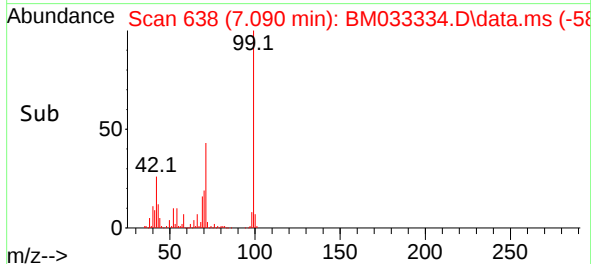
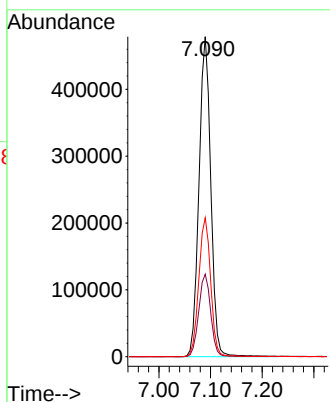
#7
Phenol-d6
Concen: 131.910 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033334.D
Acq: 07 Dec 2021 22:03

Instrument :
BNA_M
ClientSampleId :
PB141212BL



Tgt Ion: 99 Resp: 758177

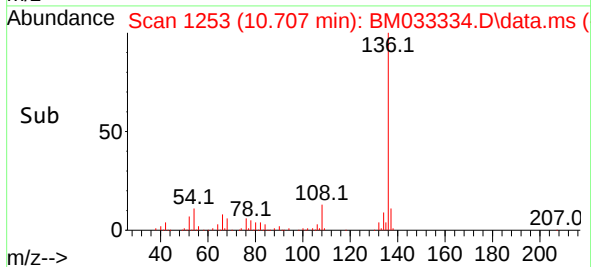
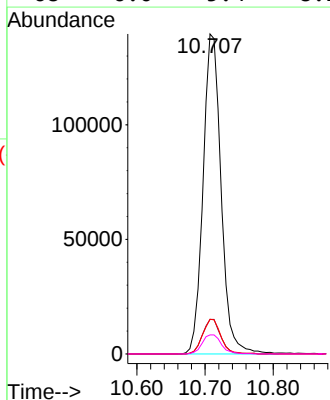
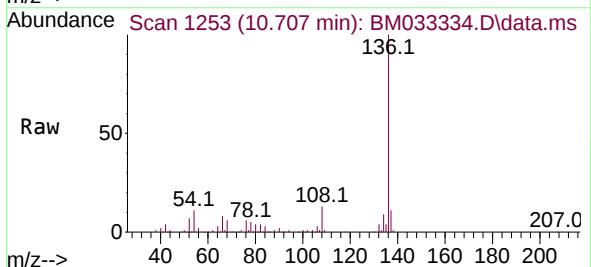
Ion	Ratio	Lower	Upper
99	100		
42	25.8	20.2	30.2
71	43.4	34.6	52.0

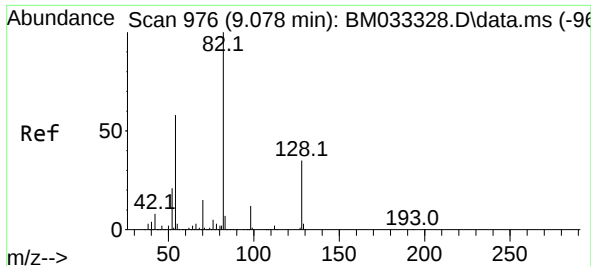


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.707 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BM033334.D
Acq: 07 Dec 2021 22:03

Tgt Ion: 136 Resp: 256989

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.9	7.8	11.6
68	6.0	5.4	8.2





#23

Nitrobenzene-d5

Concen: 93.050 ng

RT: 9.078 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM033334.D

Acq: 07 Dec 2021 22:03

Instrument :

BNA_M

ClientSampleId :

PB141212BL

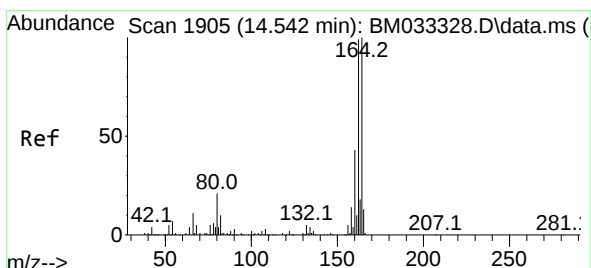
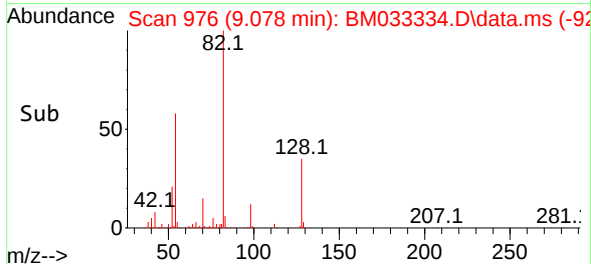
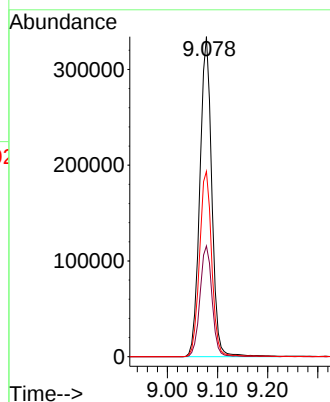
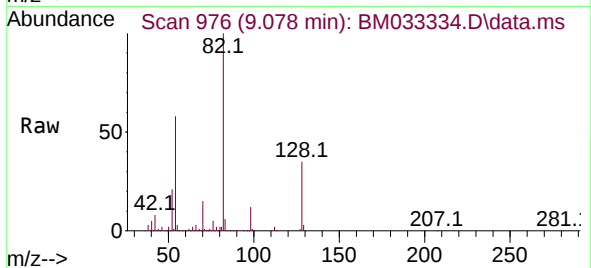
Tgt Ion: 82 Resp: 551922

Ion Ratio Lower Upper

82 100

128 34.6 28.0 42.0

54 57.9 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.536 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BM033334.D

Acq: 07 Dec 2021 22:03

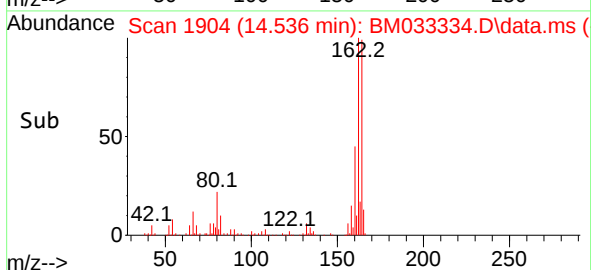
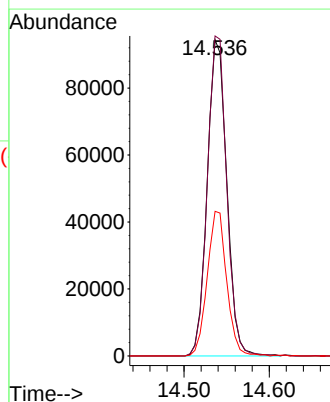
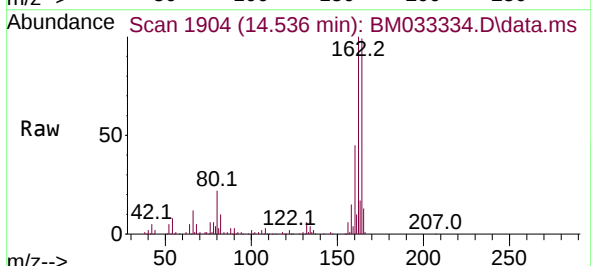
Tgt Ion:164 Resp: 150405

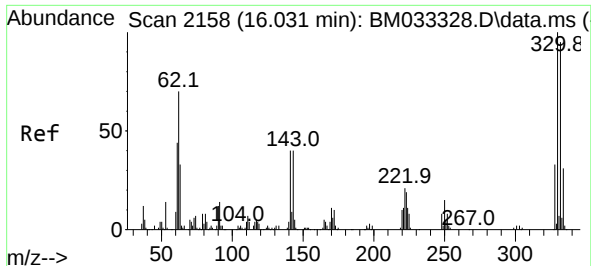
Ion Ratio Lower Upper

164 100

162 101.2 79.5 119.3

160 45.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 115.246 ng

RT: 16.024 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM033334.D

Acq: 07 Dec 2021 22:03

Instrument :

BNA_M

ClientSampleId :

PB141212BL

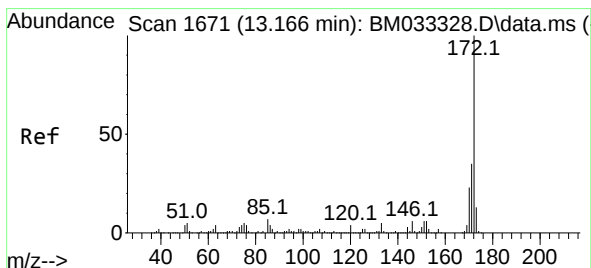
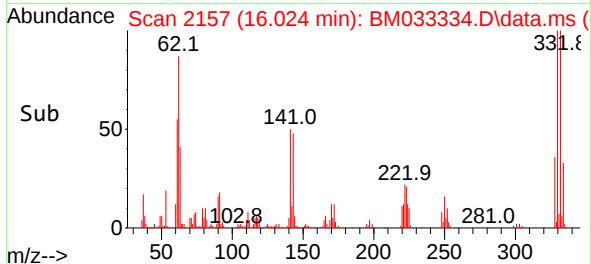
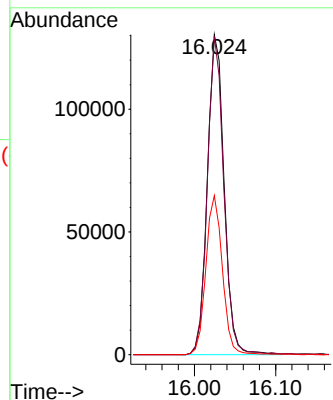
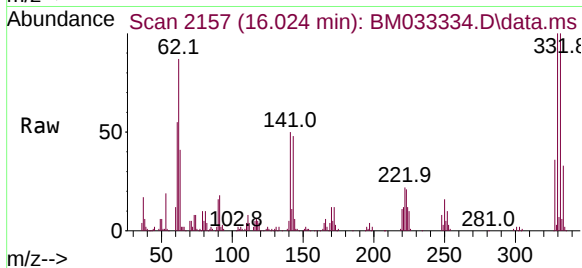
Tgt Ion:330 Resp: 186794

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 49.1 36.0 54.0



#45

2-Fluorobiphenyl

Concen: 95.349 ng

RT: 13.160 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BM033334.D

Acq: 07 Dec 2021 22:03

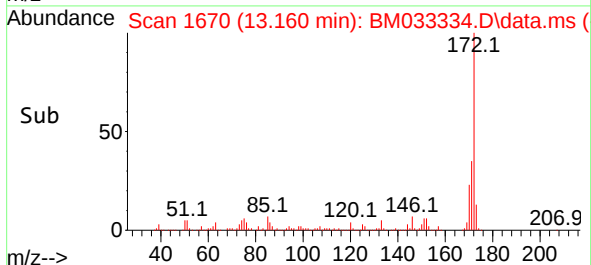
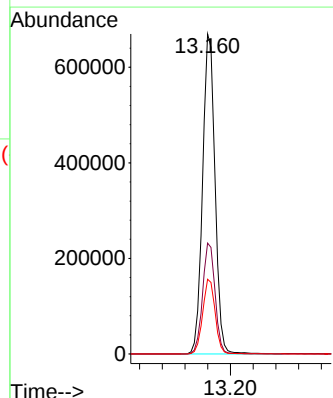
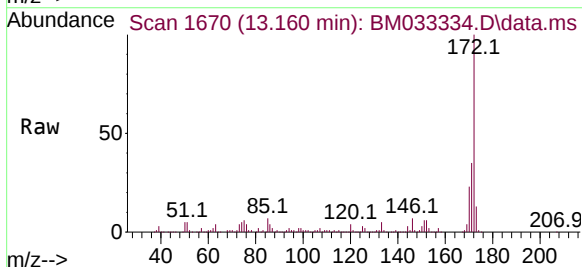
Tgt Ion:172 Resp: 1019253

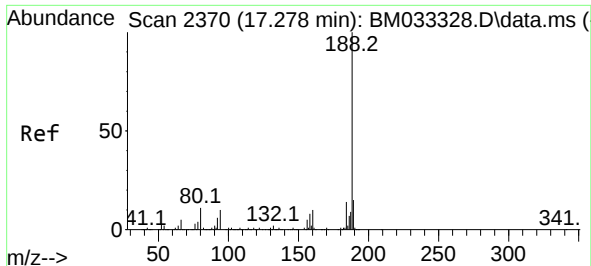
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.3 18.2 27.4

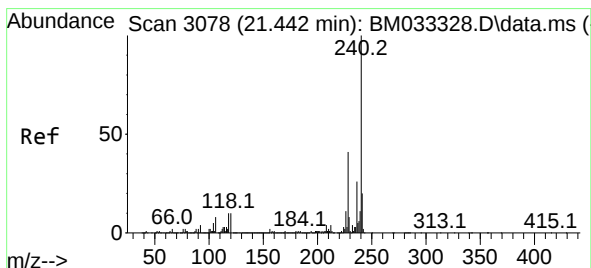
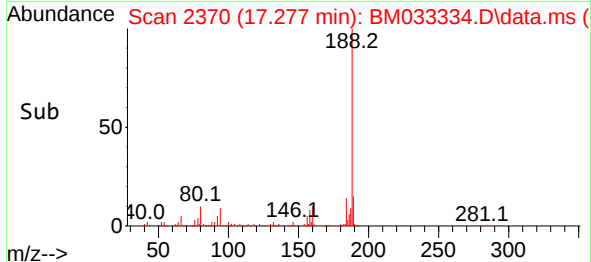
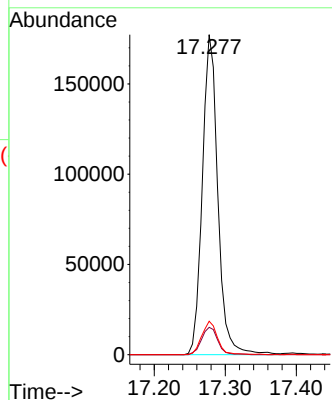
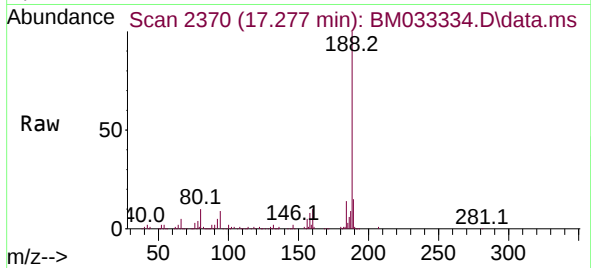




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.277 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM033334.D
Acq: 07 Dec 2021 22:03

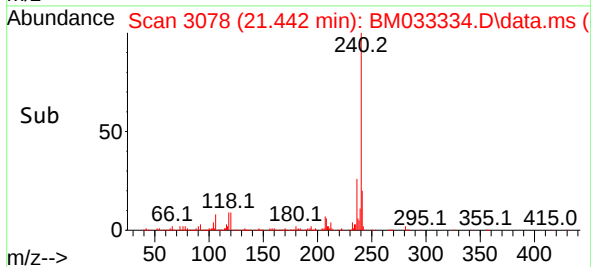
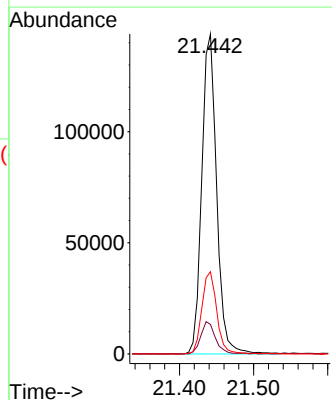
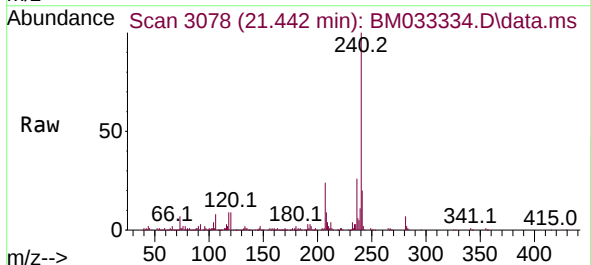
Instrument :
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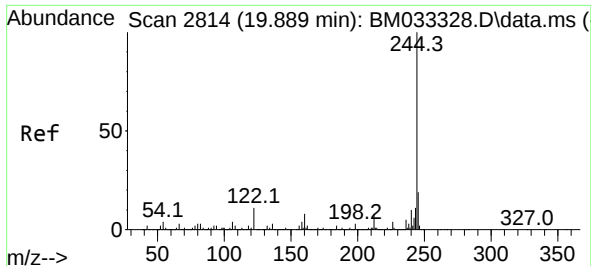
Tgt Ion:188 Resp: 269639
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 10.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BM033334.D
Acq: 07 Dec 2021 22:03

Tgt Ion:240 Resp: 200162
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 25.7 20.8 31.2

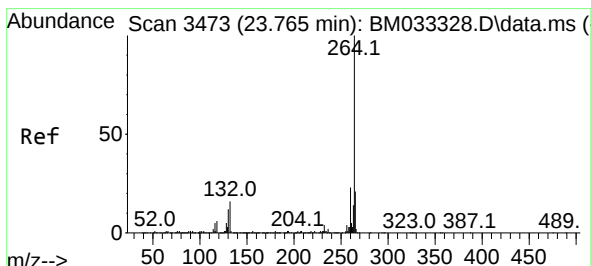
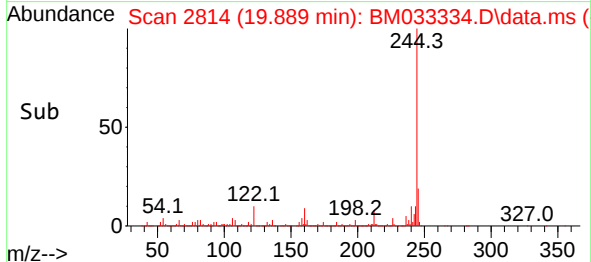
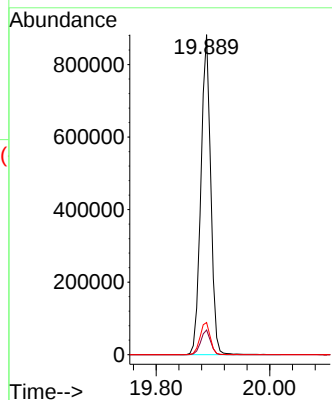
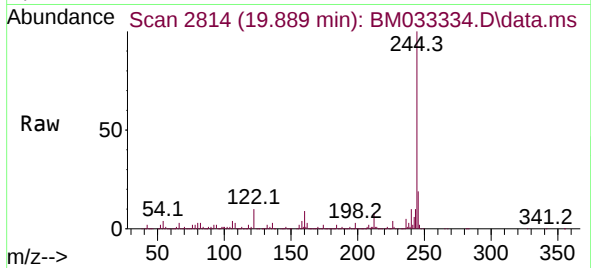




#79
 Terphenyl-d14
 Concen: 100.934 ng
 RT: 19.889 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033334.D
 Acq: 07 Dec 2021 22:03

Instrument :
 BNA_M
 ClientSampleId :
 PB141212BL

Tgt Ion:244 Resp: 1060329
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 10.1 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.765 min Scan# 3473
 Delta R.T. -0.000 min
 Lab File: BM033334.D
 Acq: 07 Dec 2021 22:03

Tgt Ion:264 Resp: 203099
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 22.6 18.0 27.0

