

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
 Data File : BM034304.D
 Acq On : 22 Mar 2022 10:07
 Operator : CG/JU
 Sample : PB143451BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB143451BL

Quant Time: Mar 22 14:37:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	173461	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	702825	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	456070	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	941649	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	900916	20.000	ng	-0.01
86) Perylene-d12	23.900	264	870476	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1553948	160.712	ng	0.00
7) Phenol-d6	7.101	99	2049521	148.044	ng	0.00
23) Nitrobenzene-d5	9.101	82	1302065	90.198	ng	-0.01
42) 2,4,6-Tribromophenol	16.066	330	823954	134.036	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	2968618	88.947	ng	0.00
79) Terphenyl-d14	19.936	244	4839659	93.343	ng	-0.01

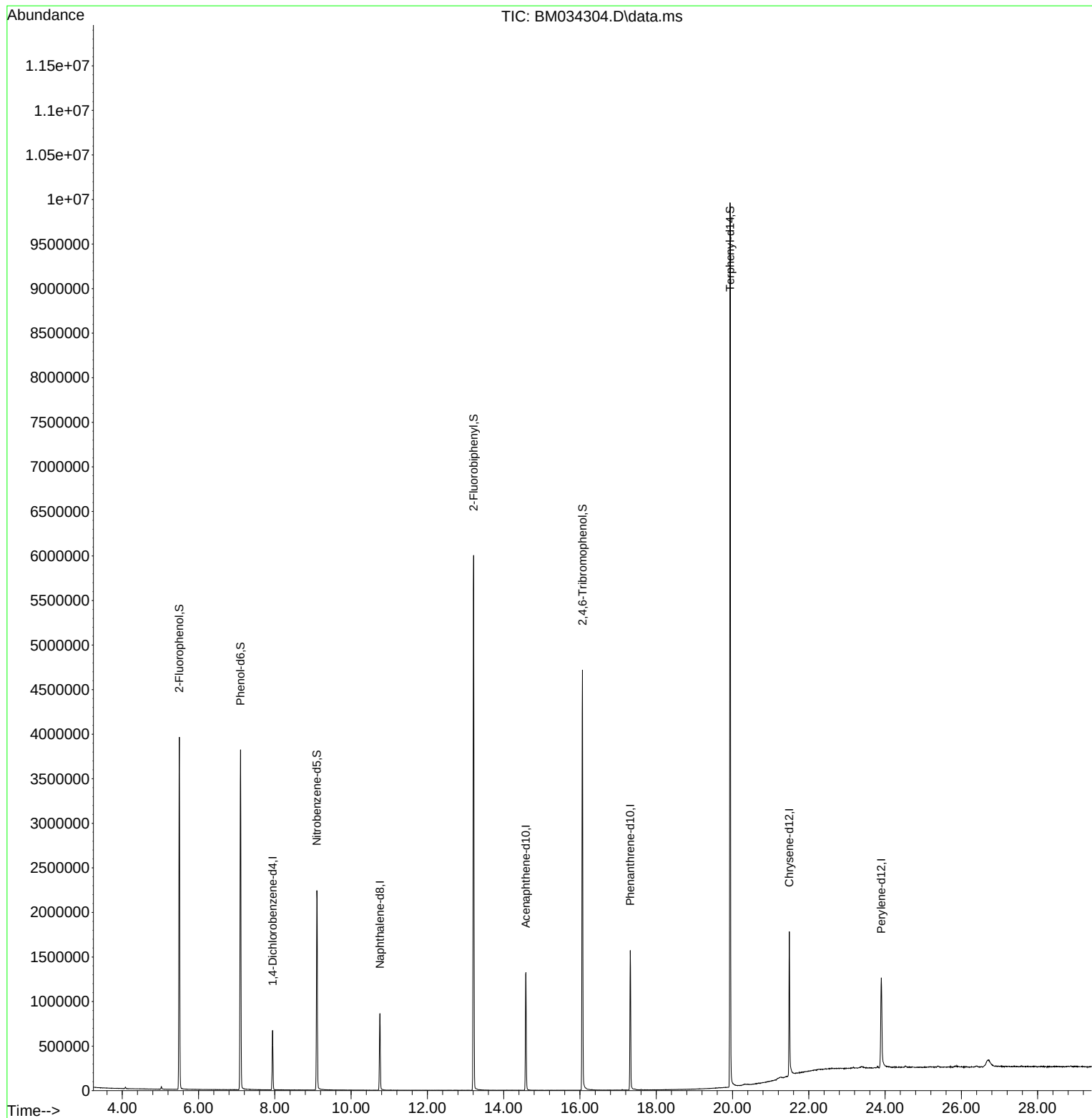
Target Compounds	Qvalue

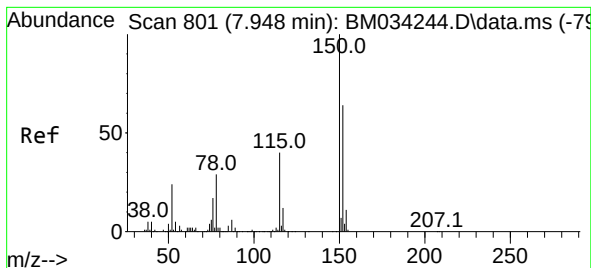
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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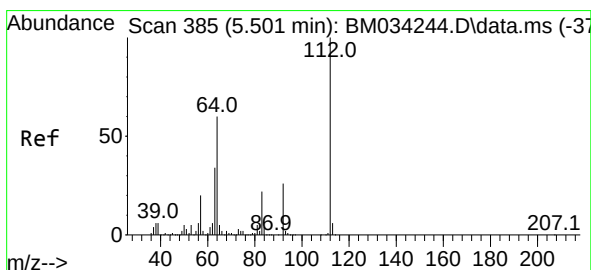
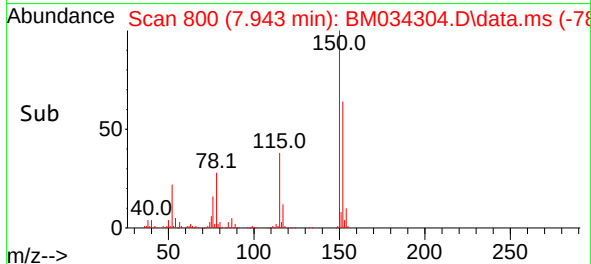
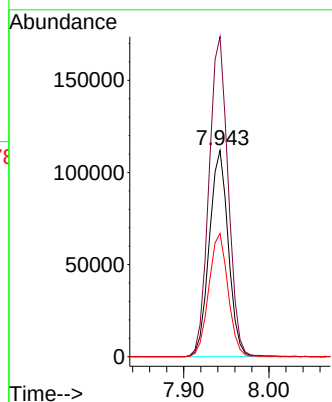
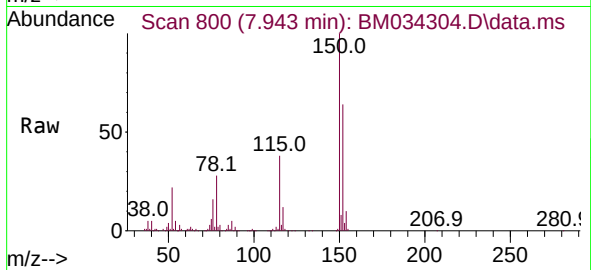




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 801
Delta R.T. -0.005 min
Lab File: BM034304.D
Acq: 22 Mar 2022 10:07

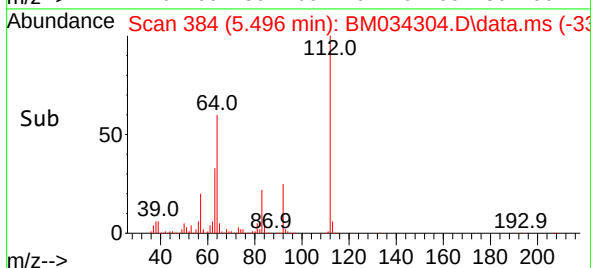
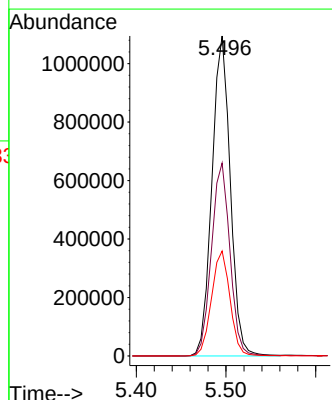
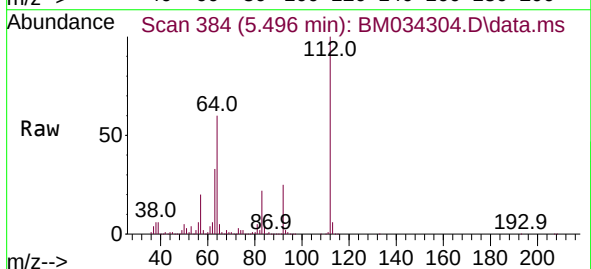
Instrument :
BNA_M
ClientSampleId :
PB143451BL

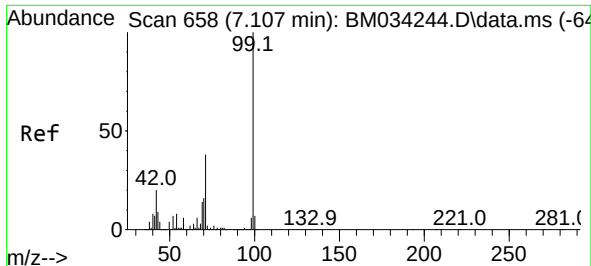
Tgt Ion:152 Resp: 173461
Ion Ratio Lower Upper
152 100
150 155.1 125.4 188.2
115 59.7 50.1 75.1



#5
2-Fluorophenol
Concen: 160.712 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM034304.D
Acq: 22 Mar 2022 10:07

Tgt Ion:112 Resp: 1553948
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 32.8 27.1 40.7

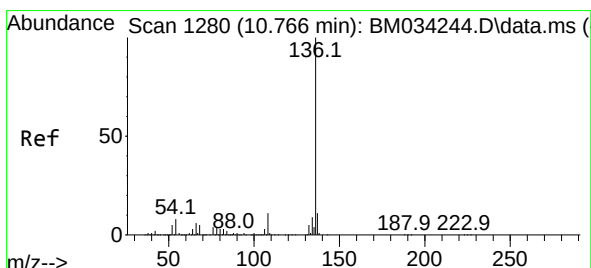
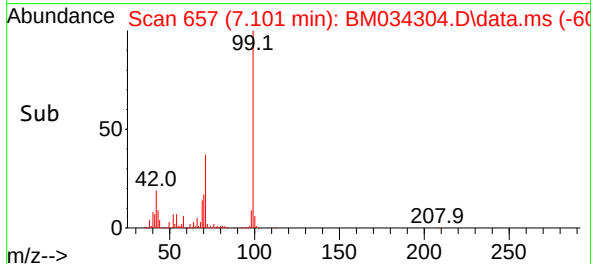
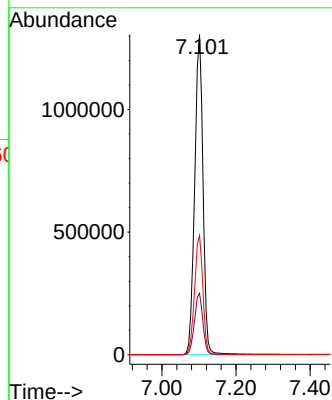
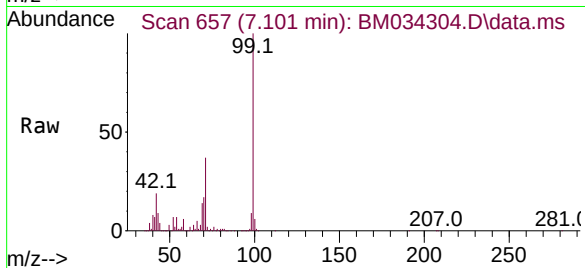




#7
Phenol-d6
Concen: 148.044 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034304.D
Acq: 22 Mar 2022 10:07

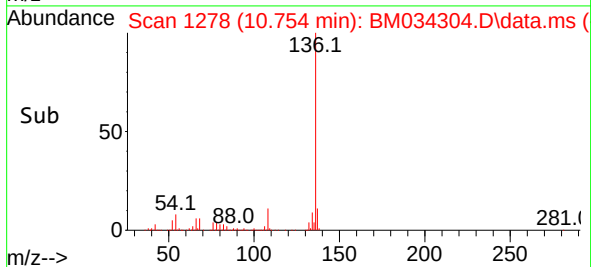
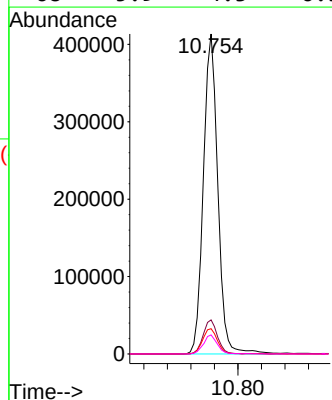
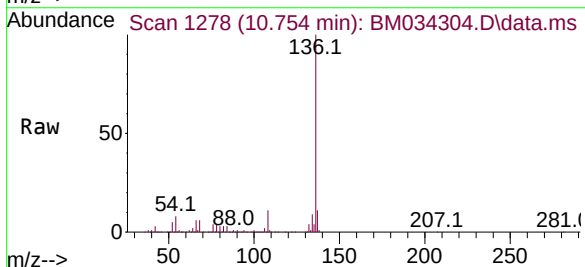
Instrument :
BNA_M
ClientSampleId :
PB143451BL

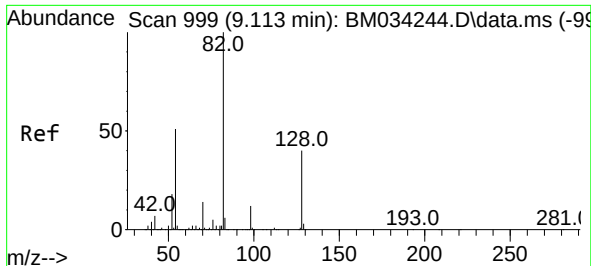
Tgt Ion: 99 Resp: 2049521
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 37.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM034304.D
Acq: 22 Mar 2022 10:07

Tgt Ion: 136 Resp: 702825
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.9 6.2 9.4
68 5.9 4.3 6.5

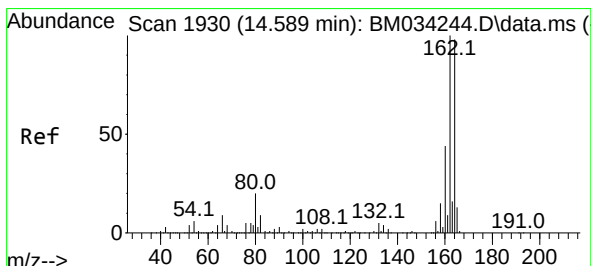
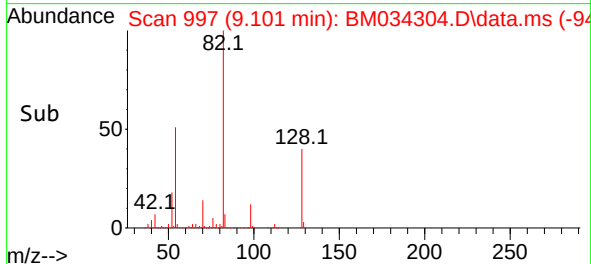
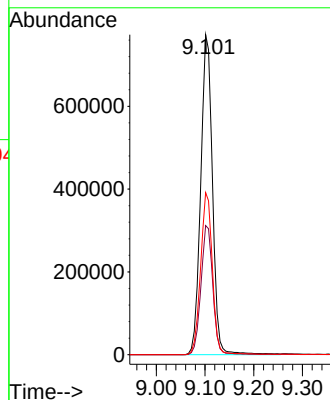
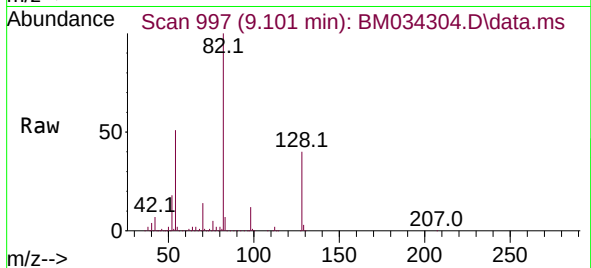




#23
Nitrobenzene-d5
Concen: 90.198 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034304.D
Acq: 22 Mar 2022 10:07

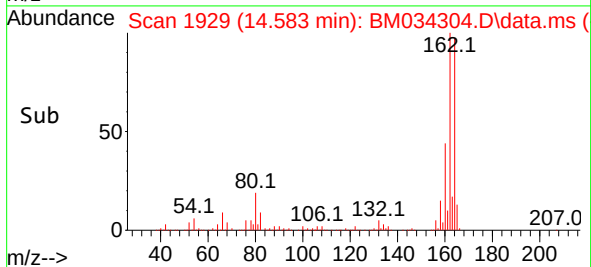
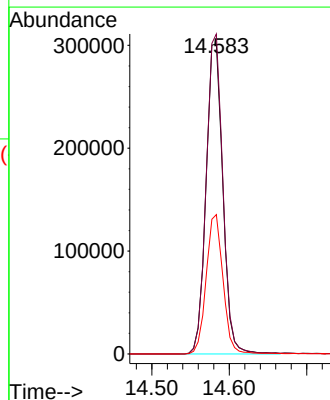
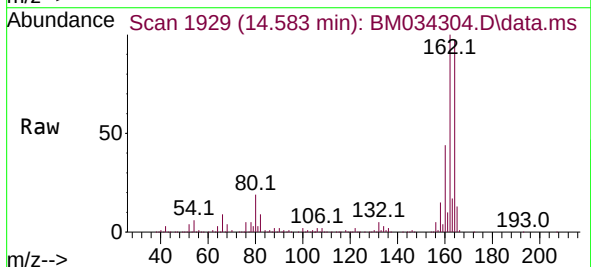
Instrument :
BNA_M
ClientSampleId :
PB143451BL

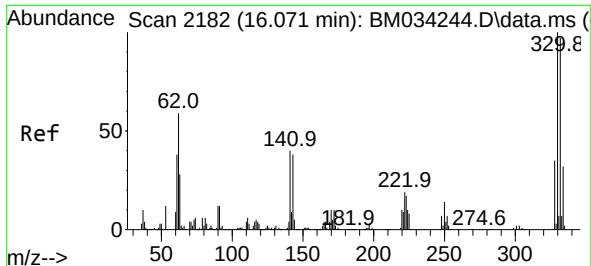
Tgt Ion: 82 Resp: 1302065
Ion Ratio Lower Upper
82 100
128 40.3 31.9 47.9
54 50.7 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM034304.D
Acq: 22 Mar 2022 10:07

Tgt Ion: 164 Resp: 456070
Ion Ratio Lower Upper
164 100
162 103.2 81.6 122.4
160 44.9 35.6 53.4

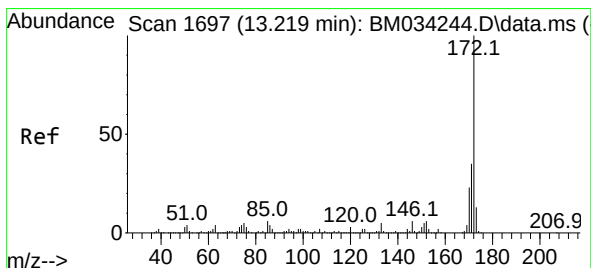
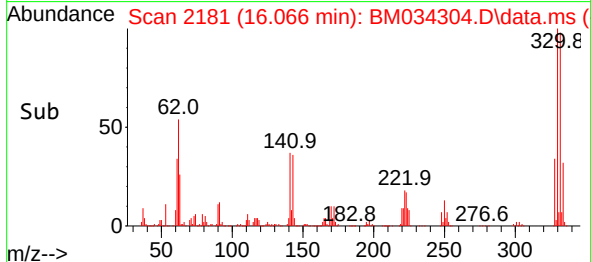
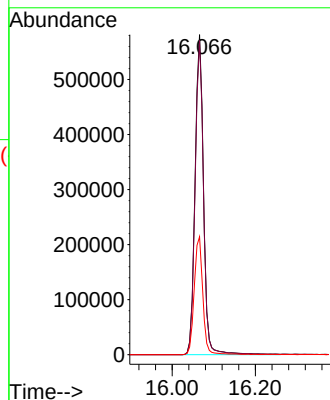
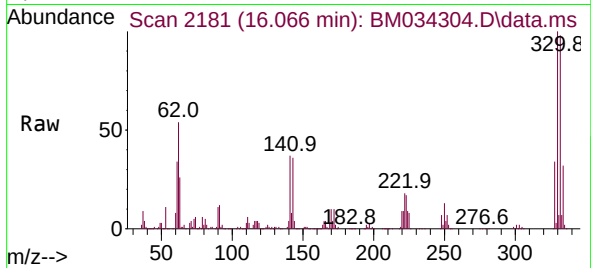




#42
2,4,6-Tribromophenol
Concen: 134.036 ng
RT: 16.066 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM034304.D
Acq: 22 Mar 2022 10:07

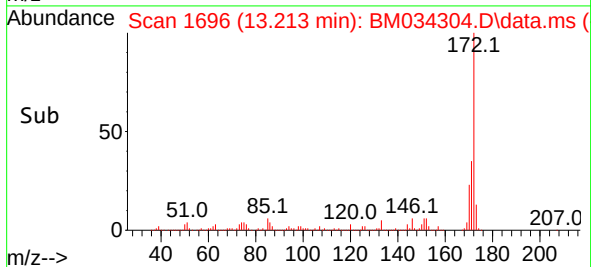
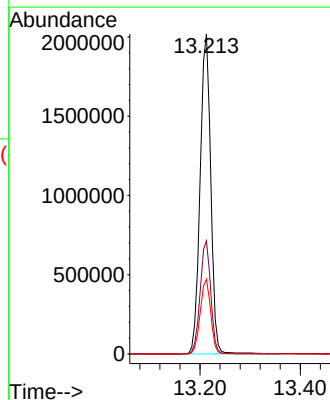
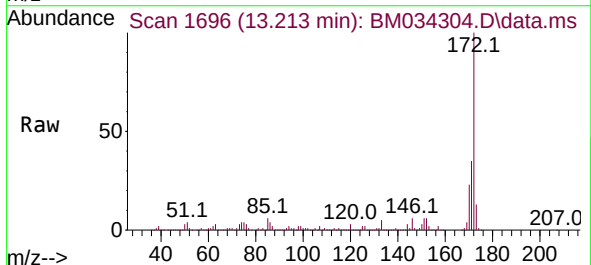
Instrument :
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ClientSampleId :
PB143451BL

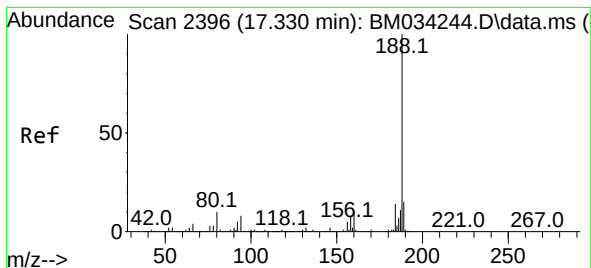
Tgt Ion:330 Resp: 823954
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 37.6 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 88.947 ng
RT: 13.213 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM034304.D
Acq: 22 Mar 2022 10:07

Tgt Ion:172 Resp: 2968618
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM034304.D

Acq: 22 Mar 2022 10:07

Instrument :

BNA_M

ClientSampleId :

PB143451BL

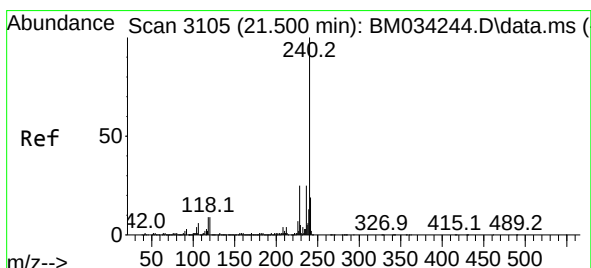
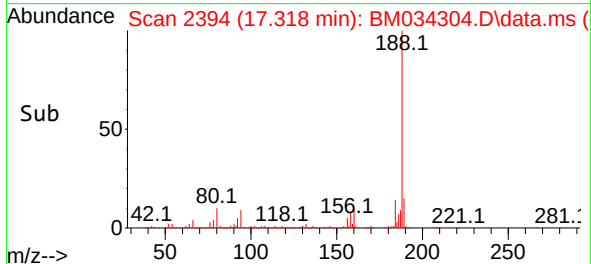
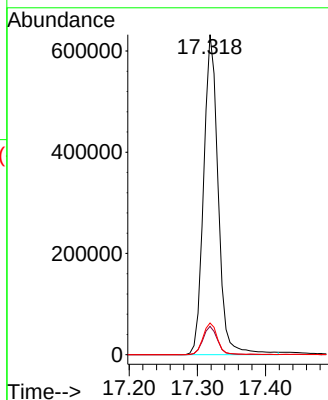
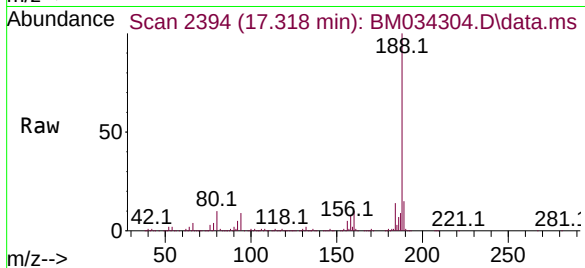
Tgt Ion:188 Resp: 941649

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 9.9 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BM034304.D

Acq: 22 Mar 2022 10:07

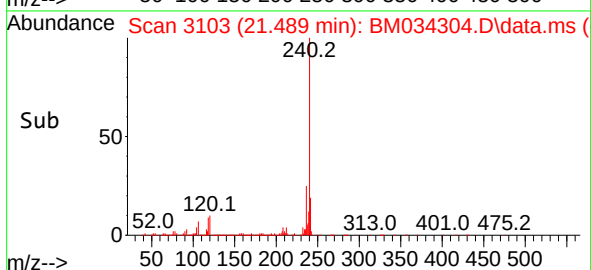
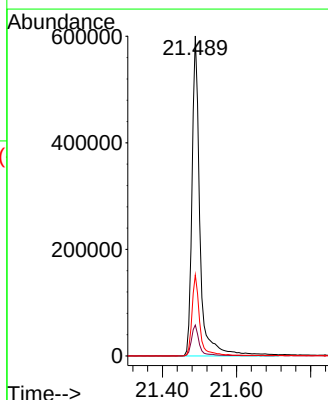
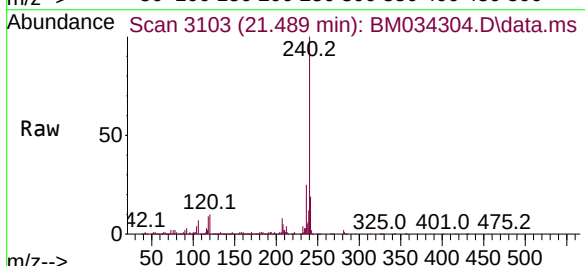
Tgt Ion:240 Resp: 900916

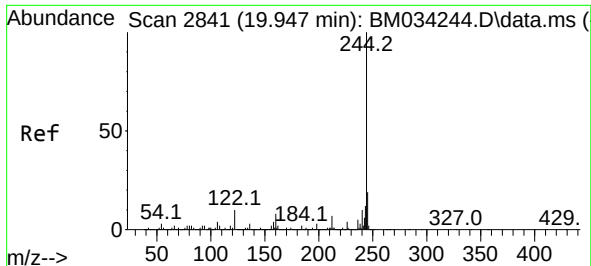
Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 25.3 20.2 30.2

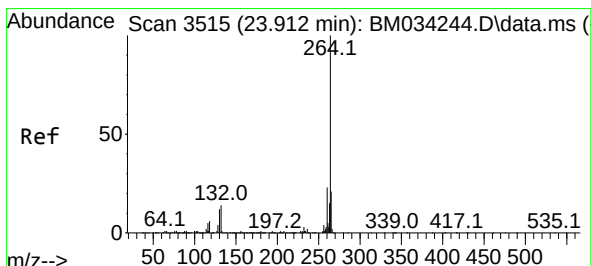
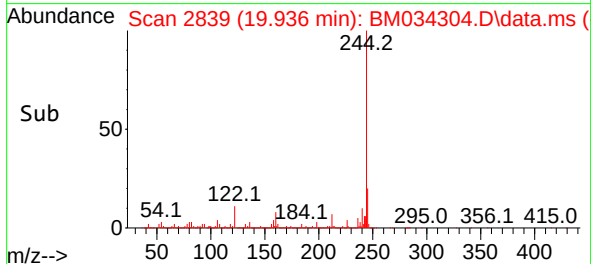
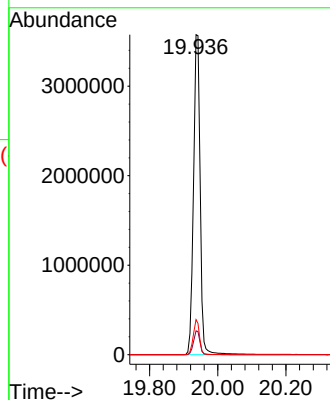
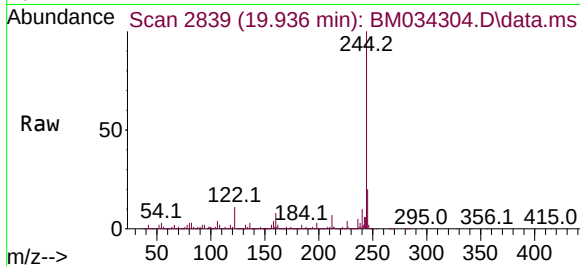




#79
 Terphenyl-d14
 Concen: 93.343 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM034304.D
 Acq: 22 Mar 2022 10:07

Instrument :
 BNA_M
 ClientSampleId :
 PB143451BL

Tgt Ion:244 Resp: 4839659
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 3513
 Delta R.T. -0.012 min
 Lab File: BM034304.D
 Acq: 22 Mar 2022 10:07

Tgt Ion:264 Resp: 870476
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.4 17.6 26.4

