

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041331.D
 Acq On : 08 Aug 2023 16:43
 Operator : MA/JU
 Sample : PB154698BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154698BL

Quant Time: Aug 09 01:17:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	131727	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	514580	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	305170	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	602216	20.000	ng	0.00
76) Chrysene-d12	21.415	240	472139	20.000	ng	0.00
86) Perylene-d12	23.785	264	511926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1224796	138.966	ng	0.00
7) Phenol-d6	6.969	99	1530385	133.956	ng	0.00
23) Nitrobenzene-d5	8.963	82	1010710	91.342	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	622722	144.267	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	2206128	91.322	ng	0.00
79) Terphenyl-d14	19.850	244	2927347	112.103	ng	0.00

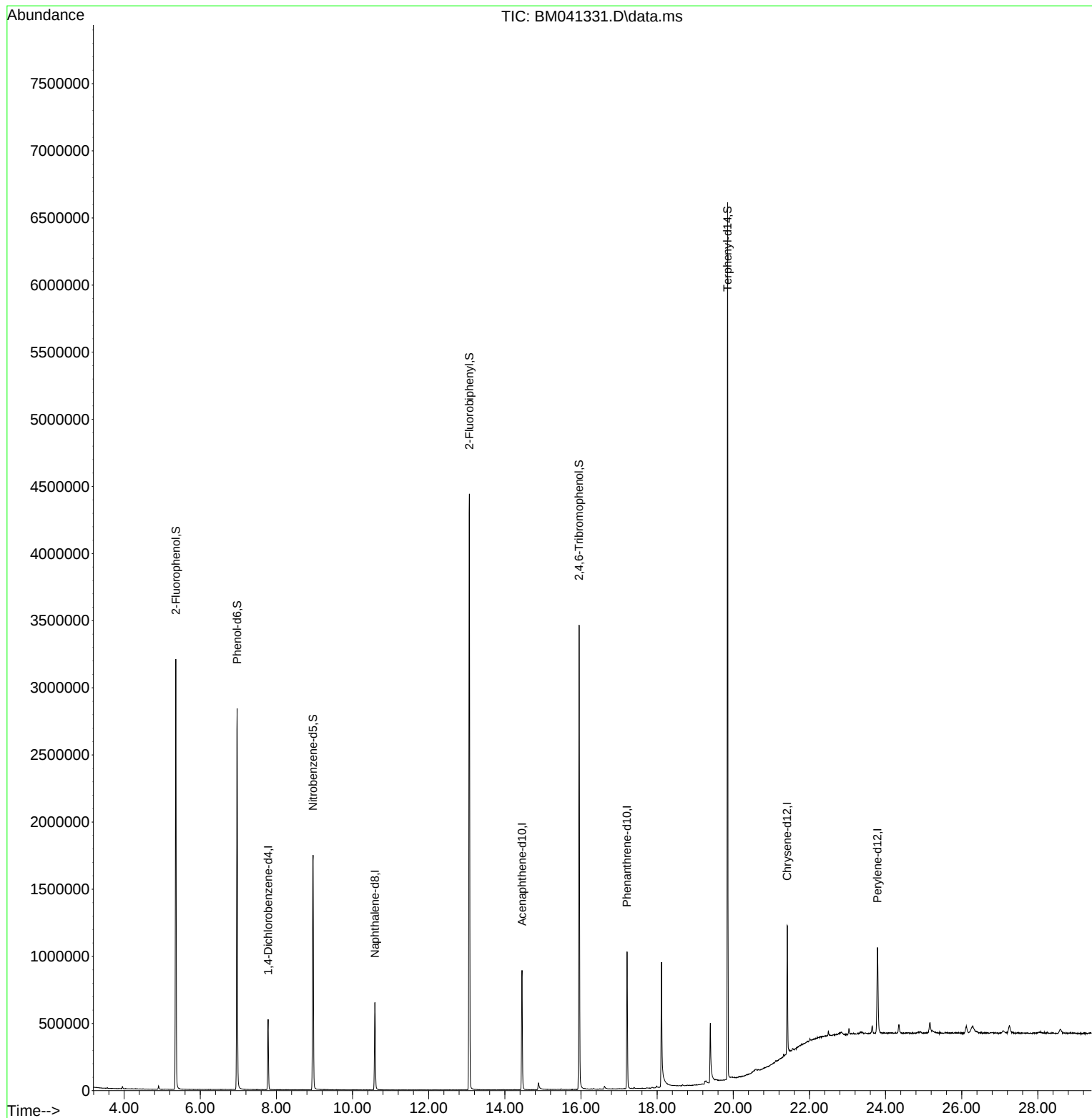
Target Compounds	Qvalue

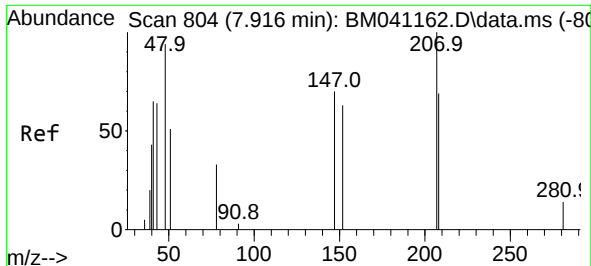
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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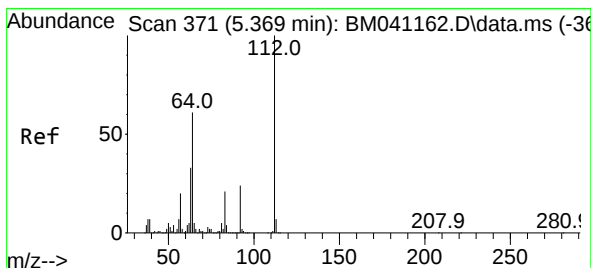
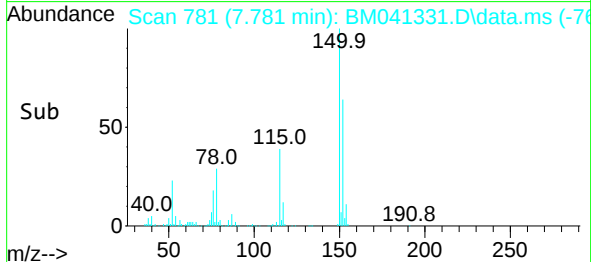
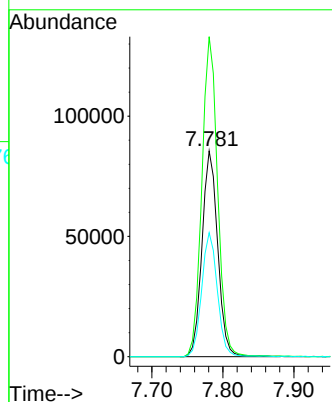
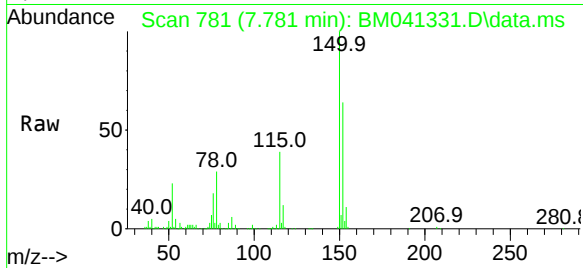




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041331.D
Acq: 08 Aug 2023 16:43

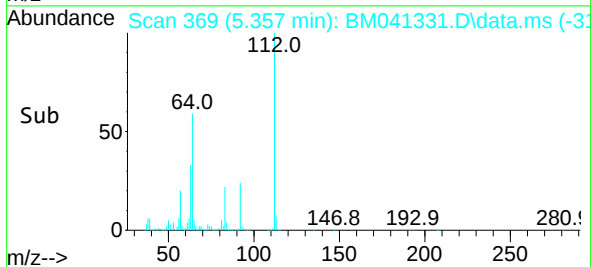
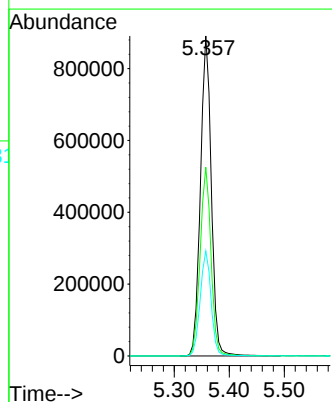
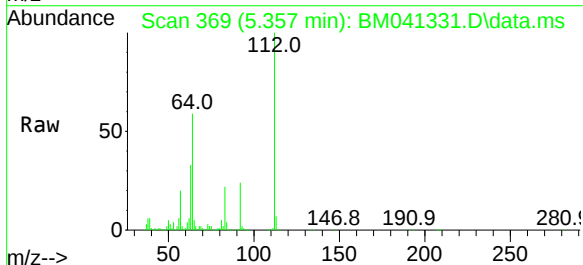
Instrument :
BNA_M
ClientSampleId :
PB154698BL

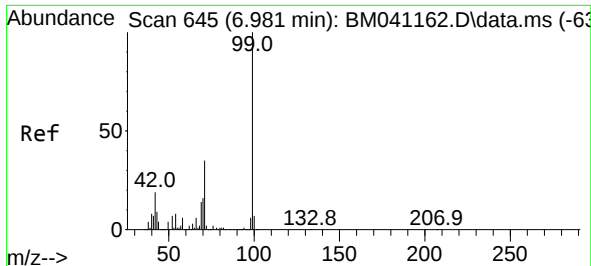
Tgt Ion:152 Resp: 131727
Ion Ratio Lower Upper
152 100
150 155.5 125.5 188.3
115 60.3 48.0 72.0



#5
2-Fluorophenol
Concen: 138.966 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041331.D
Acq: 08 Aug 2023 16:43

Tgt Ion:112 Resp: 1224796
Ion Ratio Lower Upper
112 100
64 58.9 48.5 72.7
63 32.8 26.5 39.7



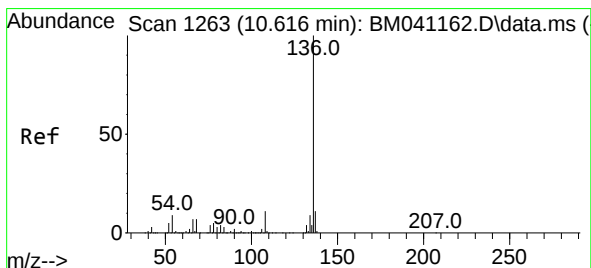
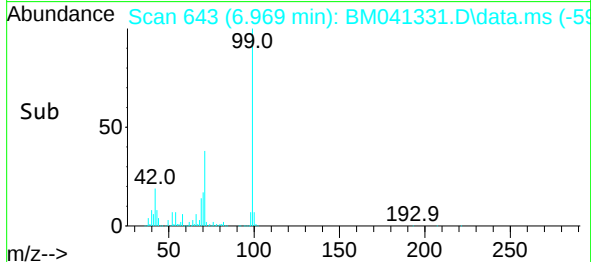
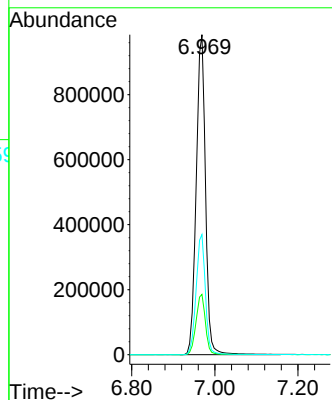
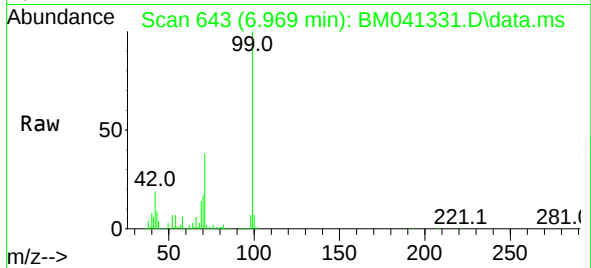


#7
Phenol-d6
Concen: 133.956 ng
RT: 6.969 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041331.D
Acq: 08 Aug 2023 16:43

Instrument :
BNA_M
ClientSampleId :
PB154698BL

Tgt Ion: 99 Resp: 1530385

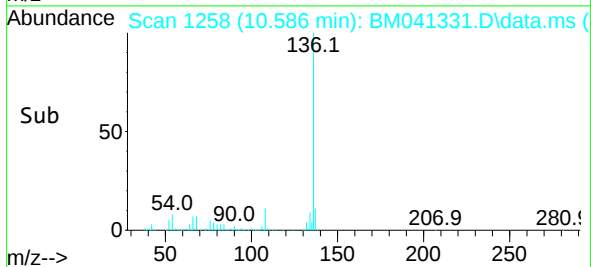
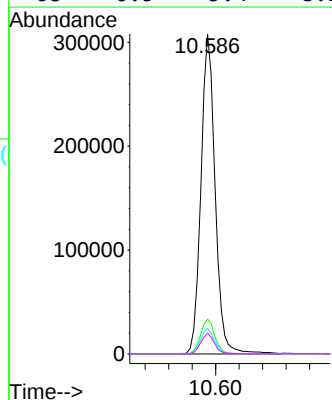
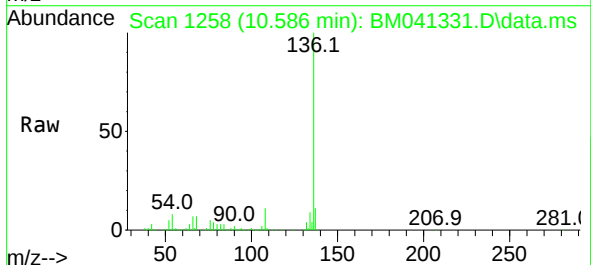
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.4	23.0
71	37.5	28.2	42.4

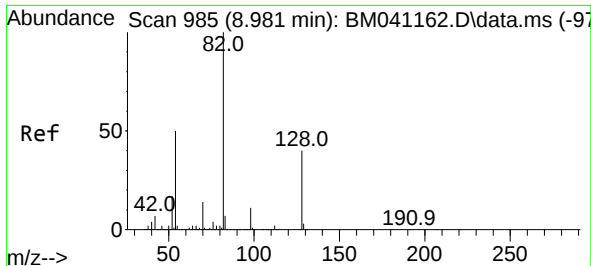


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BM041331.D
Acq: 08 Aug 2023 16:43

Tgt Ion: 136 Resp: 514580

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.9	10.3
68	6.5	5.4	8.2

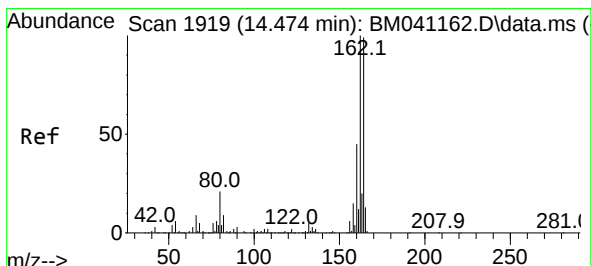
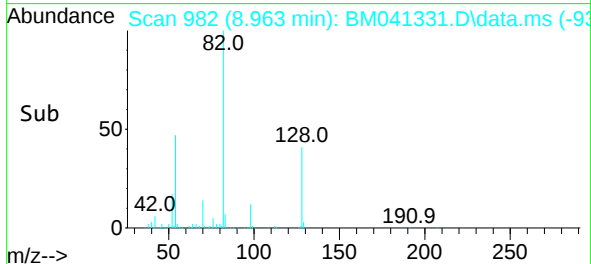
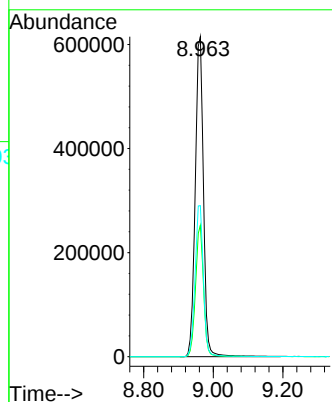
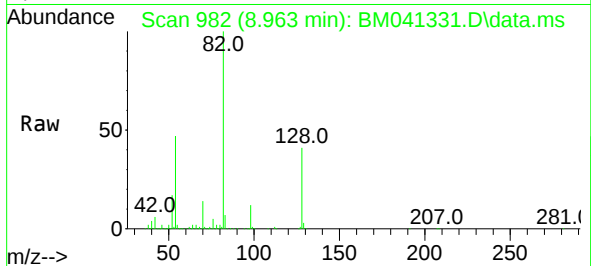




#23
Nitrobenzene-d5
Concen: 91.342 ng
RT: 8.963 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041331.D
Acq: 08 Aug 2023 16:43

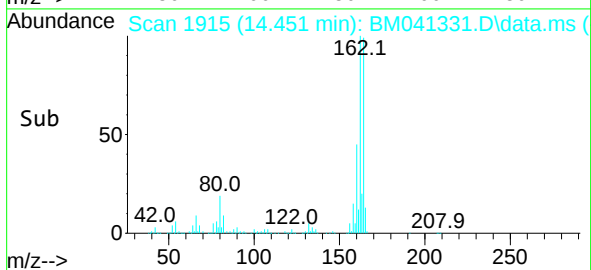
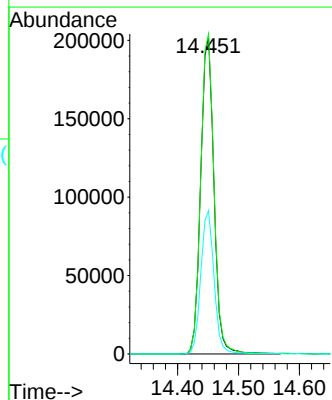
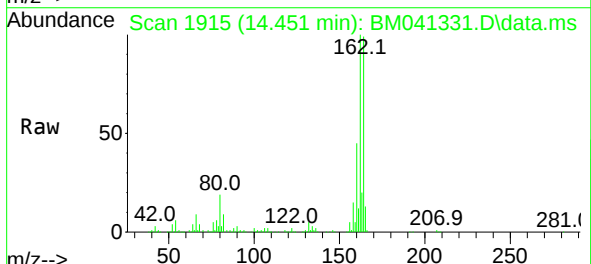
Instrument :
BNA_M
ClientSampleId :
PB154698BL

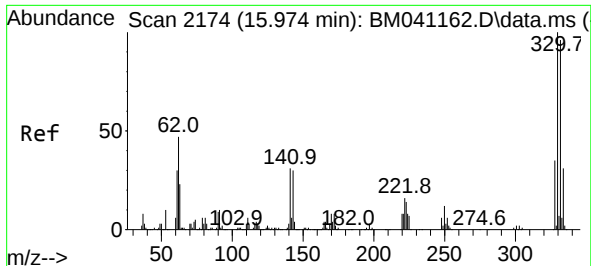
Tgt Ion: 82 Resp: 1010710
Ion Ratio Lower Upper
82 100
128 41.0 31.8 47.6
54 47.2 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BM041331.D
Acq: 08 Aug 2023 16:43

Tgt Ion: 164 Resp: 305170
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 45.1 36.2 54.2

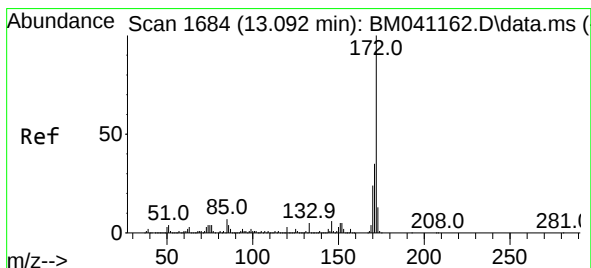
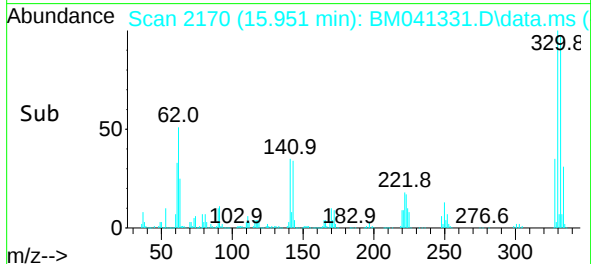
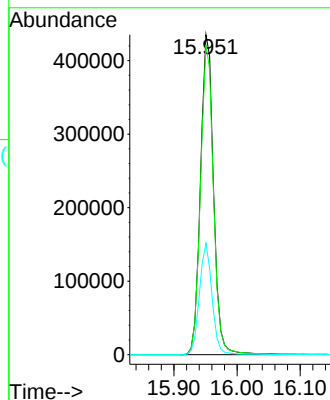
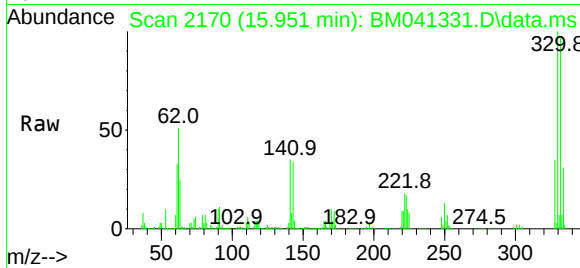




#42
2,4,6-Tribromophenol
Concen: 144.267 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041331.D
Acq: 08 Aug 2023 16:43

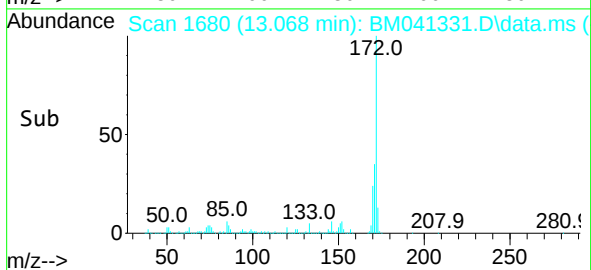
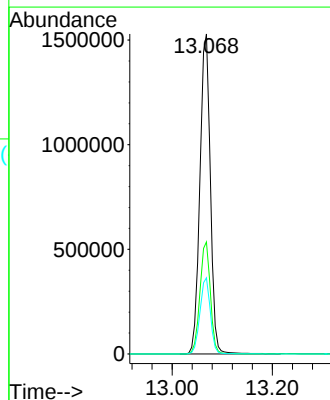
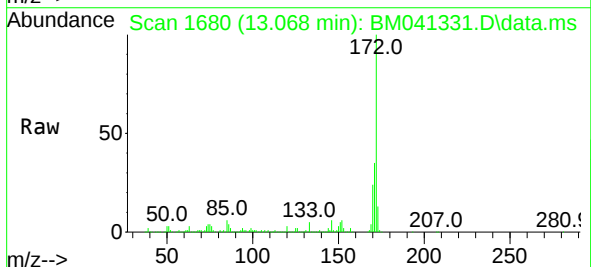
Instrument :
BNA_M
ClientSampleId :
PB154698BL

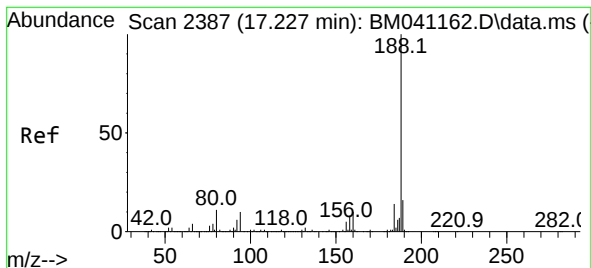
Tgt Ion:330 Resp: 622722
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 33.9 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 91.322 ng
RT: 13.068 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BM041331.D
Acq: 08 Aug 2023 16:43

Tgt Ion:172 Resp: 2206128
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041331.D

Acq: 08 Aug 2023 16:43

Instrument :

BNA_M

ClientSampleId :

PB154698BL

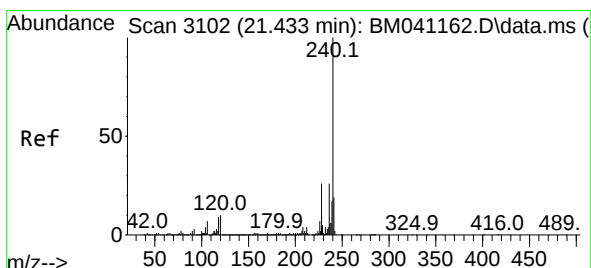
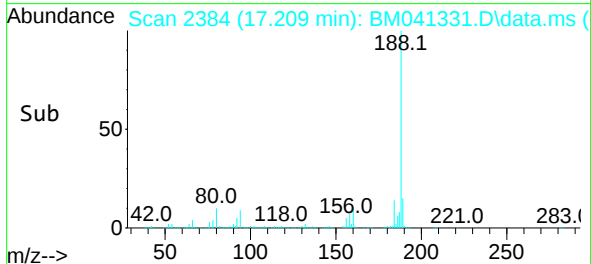
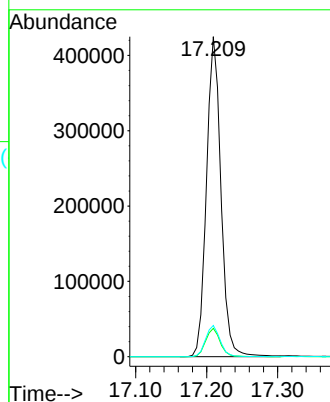
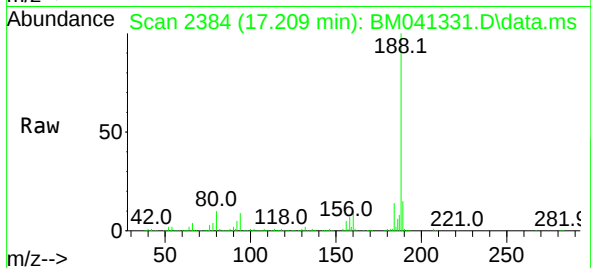
Tgt Ion:188 Resp: 602216

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

80 9.8 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041331.D

Acq: 08 Aug 2023 16:43

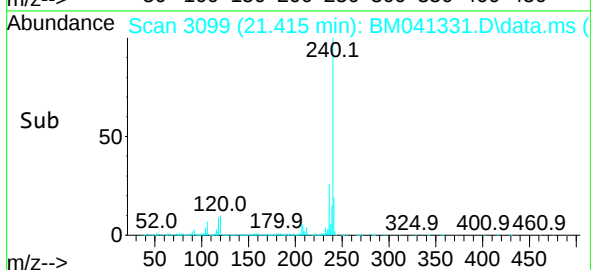
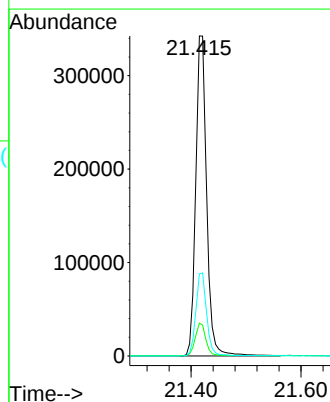
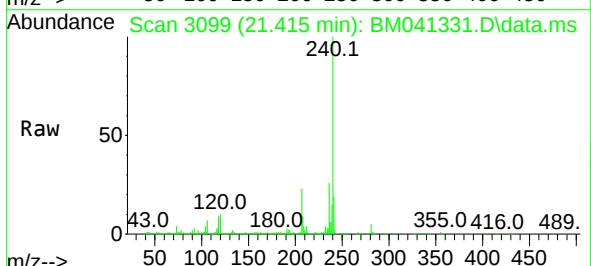
Tgt Ion:240 Resp: 472139

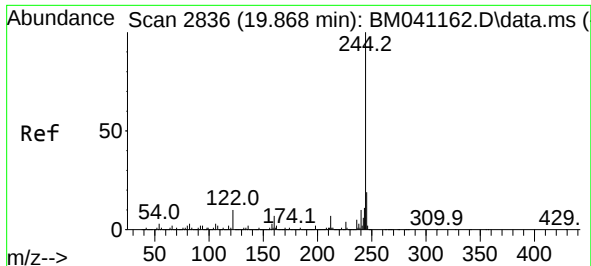
Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

236 25.7 20.6 30.8

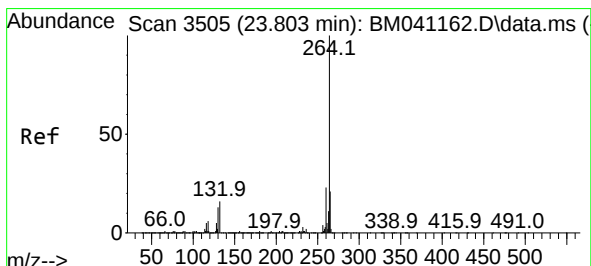
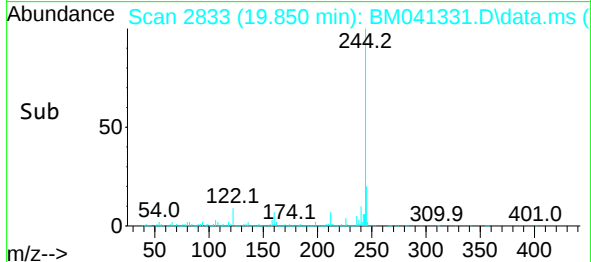
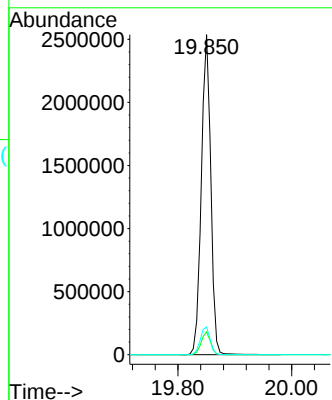
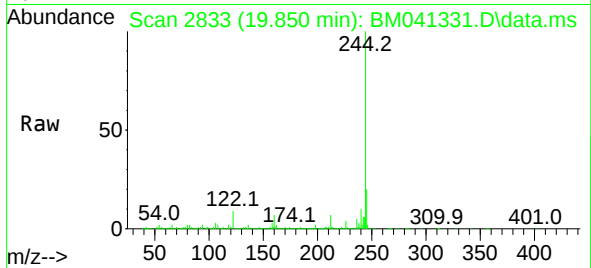




#79
 Terphenyl-d14
 Concen: 112.103 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041331.D
 Acq: 08 Aug 2023 16:43

Instrument :
 BNA_M
 ClientSampleId :
 PB154698BL

Tgt Ion:244 Resp: 2927347
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.6 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.785 min Scan# 3502
 Delta R.T. -0.000 min
 Lab File: BM041331.D
 Acq: 08 Aug 2023 16:43

Tgt Ion:264 Resp: 511926
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 22.1 17.4 26.0

