

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
 Data File : BM041349.D
 Acq On : 09 Aug 2023 21:02
 Operator : MA/JU
 Sample : 03919-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-36

Quant Time: Aug 10 03:28:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	118493	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	458926	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	289945	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	619604	20.000	ng	0.00
76) Chrysene-d12	21.416	240	514582	20.000	ng	0.00
86) Perylene-d12	23.786	264	571164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	884479	111.562	ng	0.00
7) Phenol-d6	6.963	99	985134	95.860	ng	0.00
23) Nitrobenzene-d5	8.957	82	792882	80.345	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	567677	138.420	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1852564	80.714	ng	0.00
79) Terphenyl-d14	19.845	244	3078906	108.182	ng	0.00

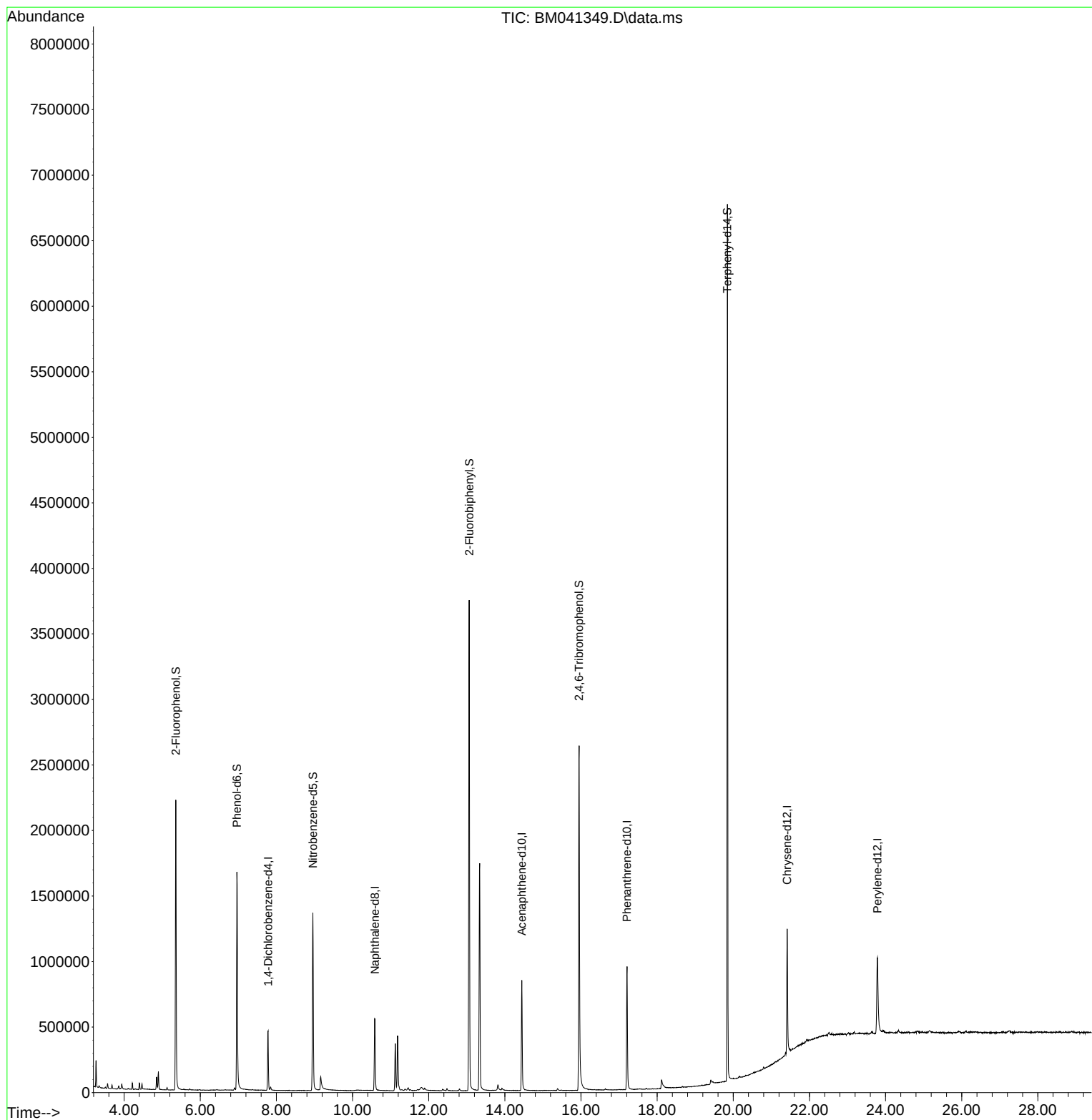
Target Compounds	Qvalue

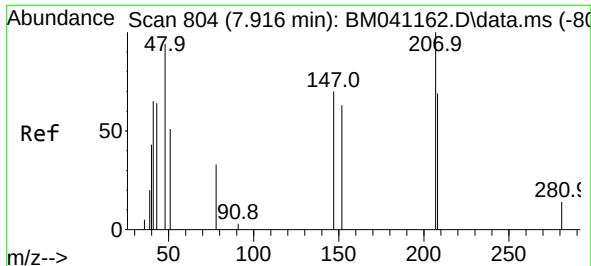
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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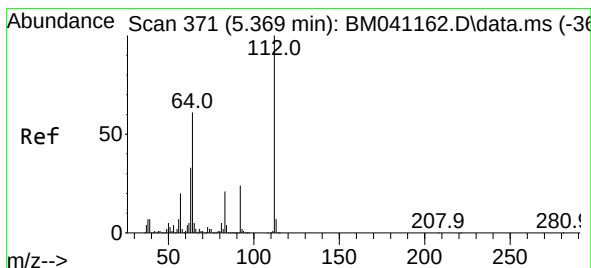
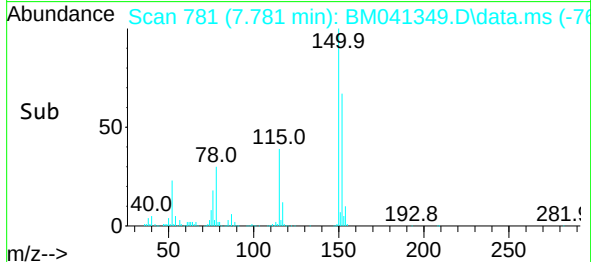
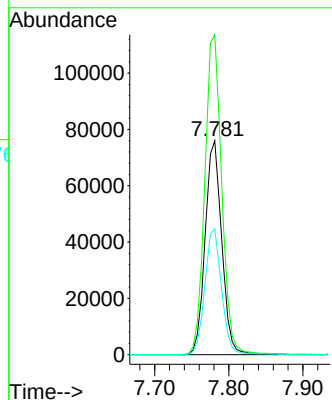
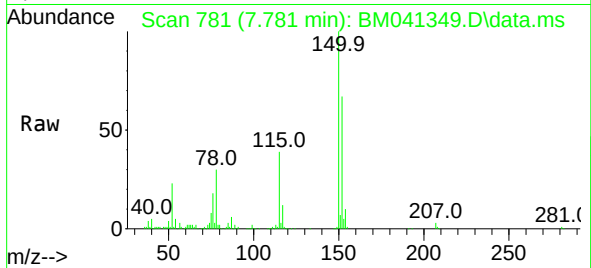




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM041349.D
Acq: 09 Aug 2023 21:02

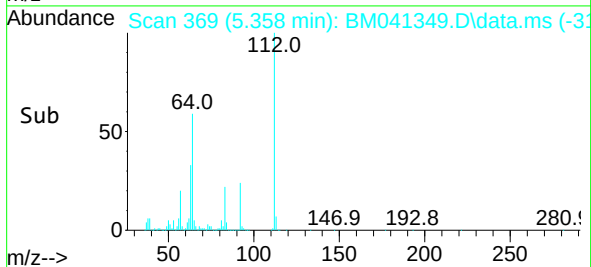
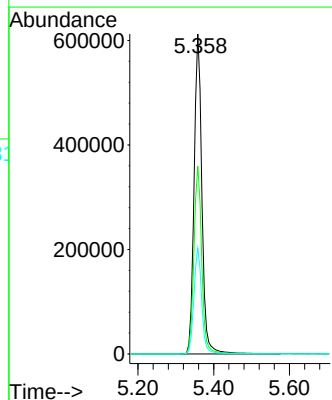
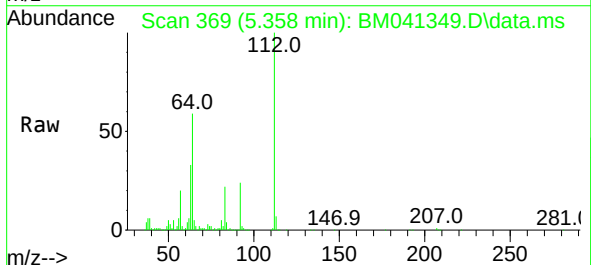
Instrument :
BNA_M
ClientSampleId :
TP-36

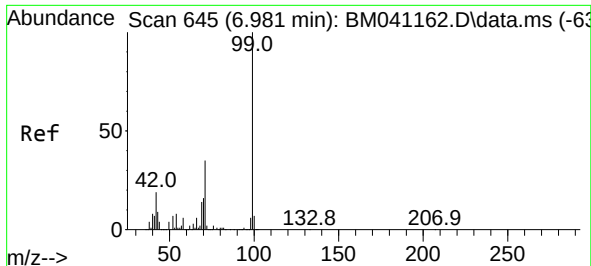
Tgt Ion:152 Resp: 118493
Ion Ratio Lower Upper
152 100
150 149.5 125.5 188.3
115 58.8 48.0 72.0



#5
2-Fluorophenol
Concen: 111.562 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM041349.D
Acq: 09 Aug 2023 21:02

Tgt Ion:112 Resp: 884479
Ion Ratio Lower Upper
112 100
64 58.7 48.5 72.7
63 33.1 26.5 39.7

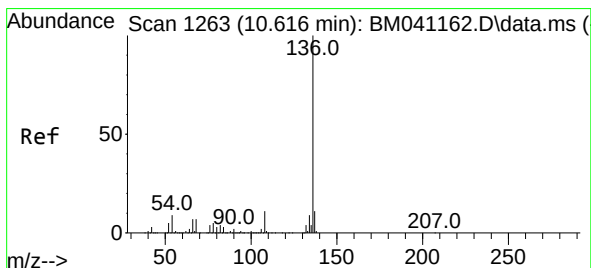
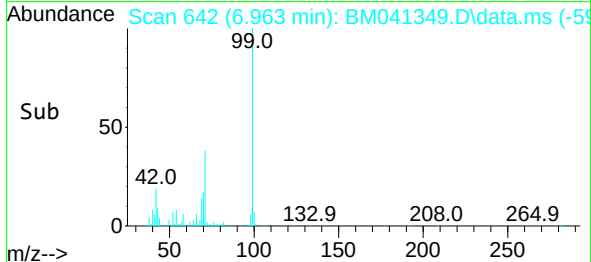
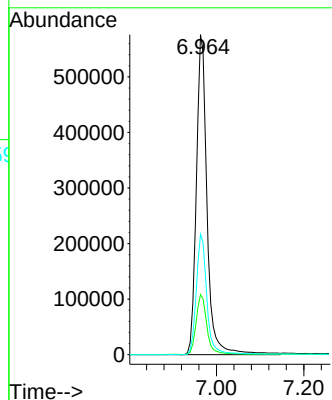
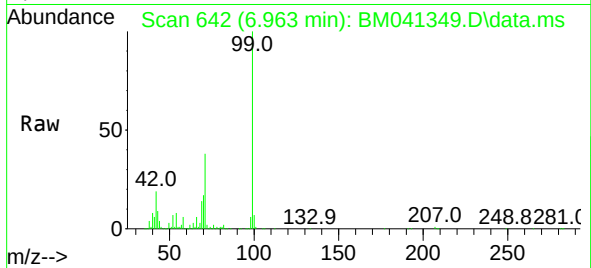




#7
Phenol-d6
Concen: 95.860 ng
RT: 6.963 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041349.D
Acq: 09 Aug 2023 21:02

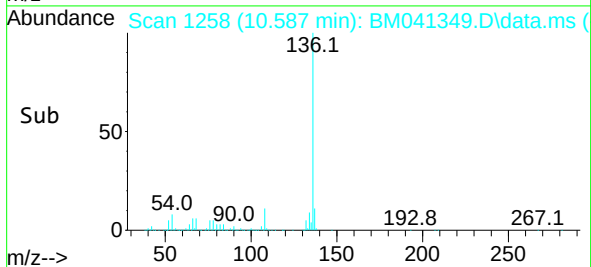
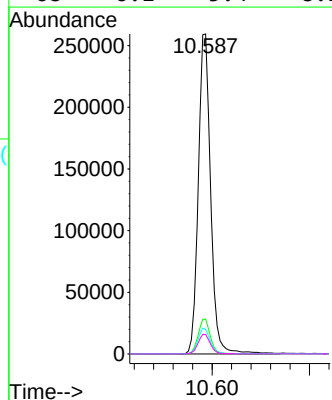
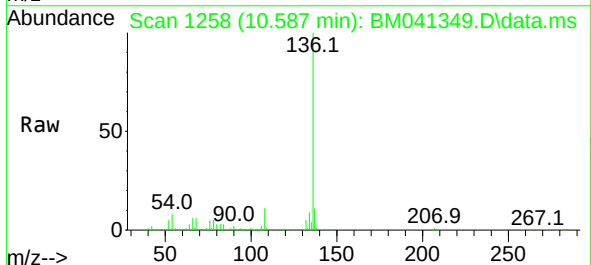
Instrument :
BNA_M
ClientSampleId :
TP-36

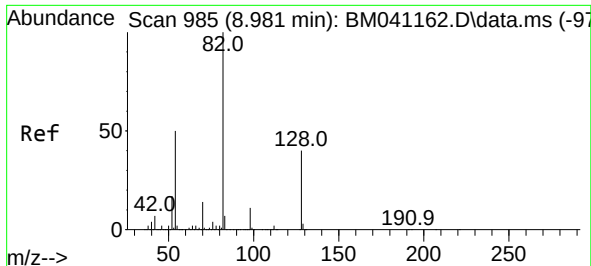
Tgt Ion: 99 Resp: 985134
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 37.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BM041349.D
Acq: 09 Aug 2023 21:02

Tgt Ion: 136 Resp: 458926
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 6.9 10.3
68 6.1 5.4 8.2

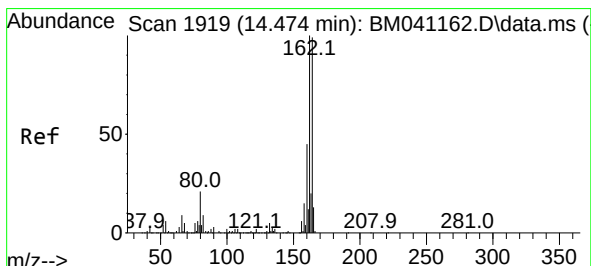
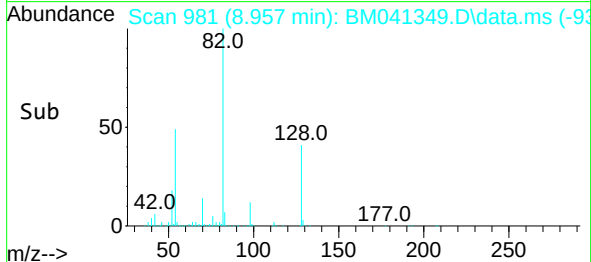
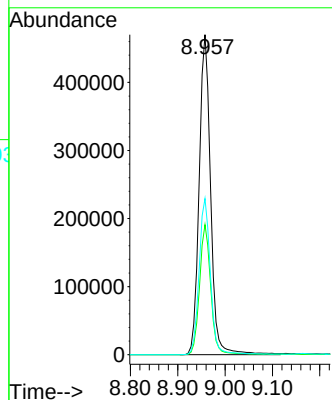
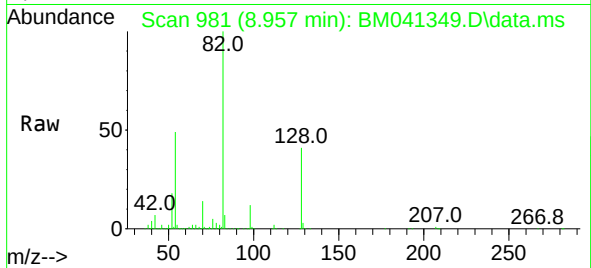




#23
Nitrobenzene-d5
Concen: 80.345 ng
RT: 8.957 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041349.D
Acq: 09 Aug 2023 21:02

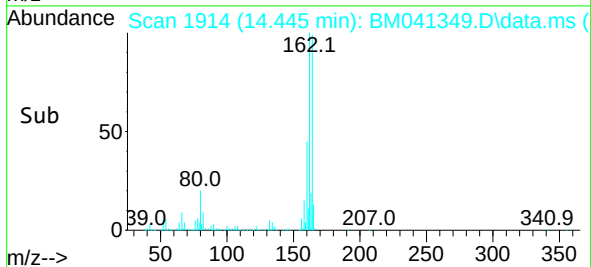
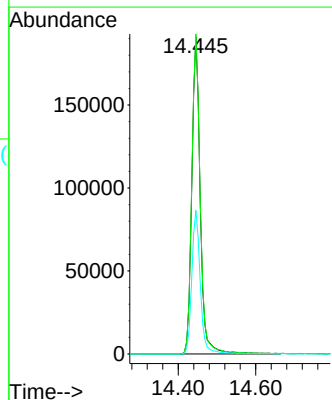
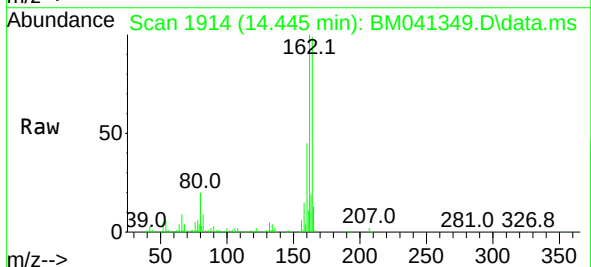
Instrument :
BNA_M
ClientSampleId :
TP-36

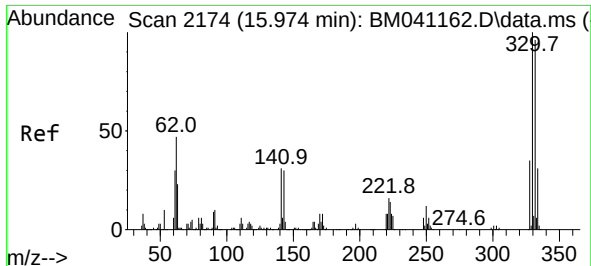
Tgt Ion: 82 Resp: 792882
Ion Ratio Lower Upper
82 100
128 40.7 31.8 47.6
54 48.8 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BM041349.D
Acq: 09 Aug 2023 21:02

Tgt Ion: 164 Resp: 289945
Ion Ratio Lower Upper
164 100
162 100.9 80.4 120.6
160 45.3 36.2 54.2

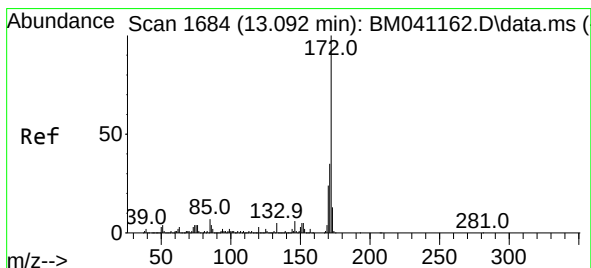
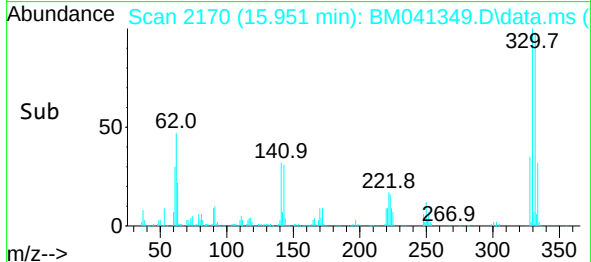
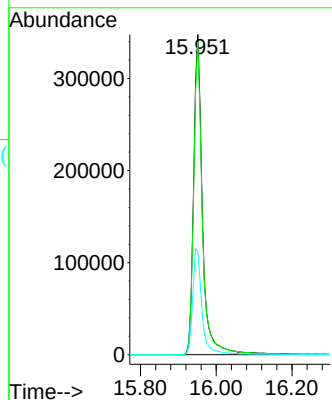
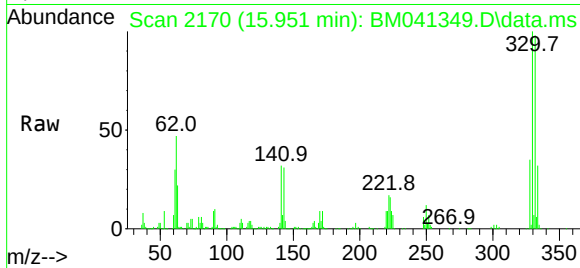




#42
2,4,6-Tribromophenol
Concen: 138.420 ng
RT: 15.951 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BM041349.D
Acq: 09 Aug 2023 21:02

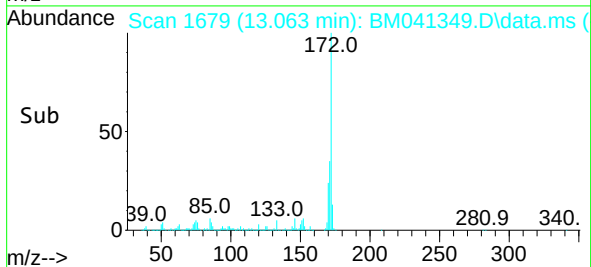
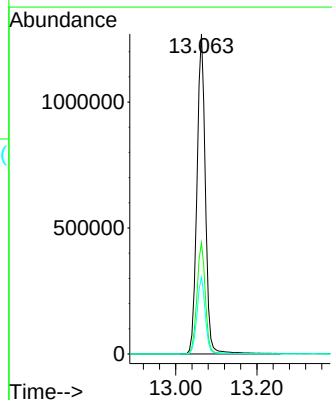
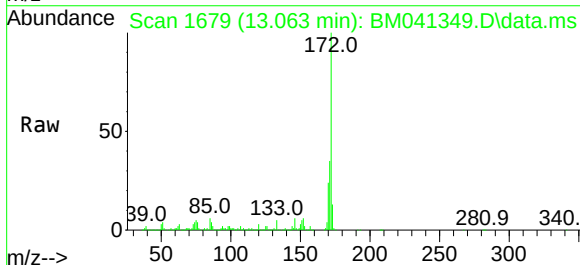
Instrument :
BNA_M
ClientSampleId :
TP-36

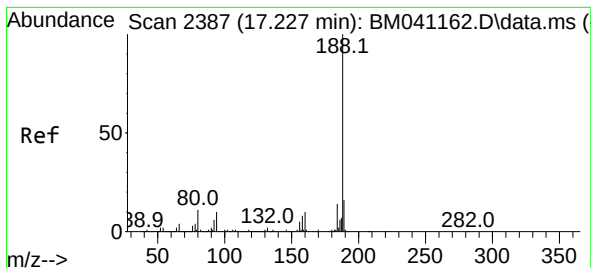
Tgt Ion:330 Resp: 567677
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 34.9 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 80.714 ng
RT: 13.063 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BM041349.D
Acq: 09 Aug 2023 21:02

Tgt Ion:172 Resp: 1852564
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041349.D

Acq: 09 Aug 2023 21:02

Instrument :

BNA_M

ClientSampleId :

TP-36

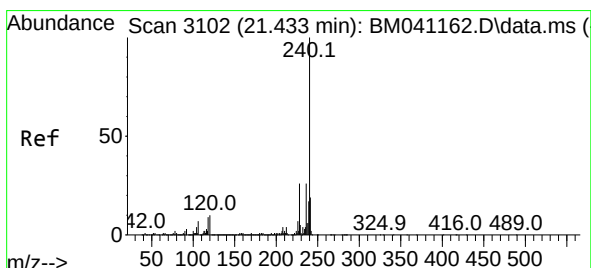
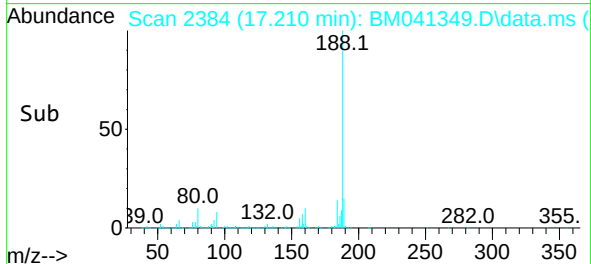
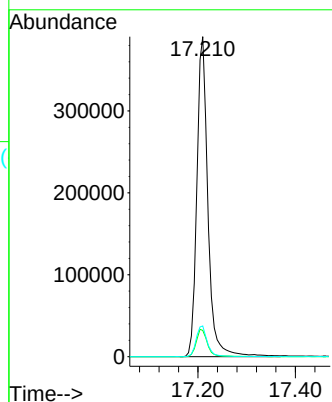
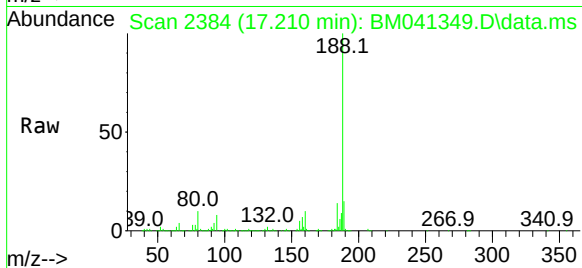
Tgt Ion:188 Resp: 619604

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 9.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041349.D

Acq: 09 Aug 2023 21:02

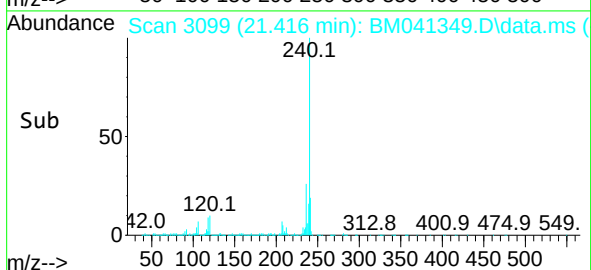
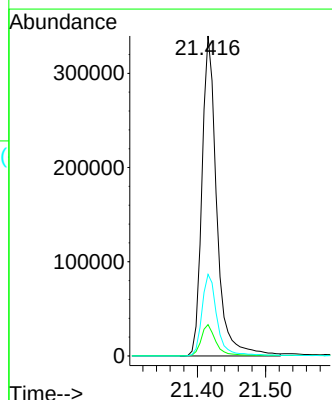
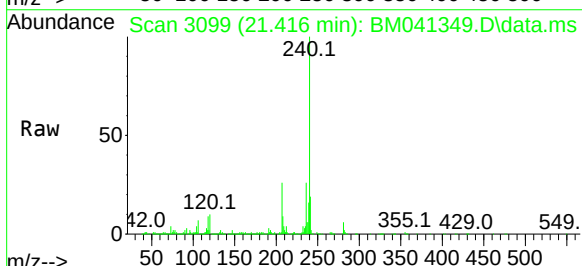
Tgt Ion:240 Resp: 514582

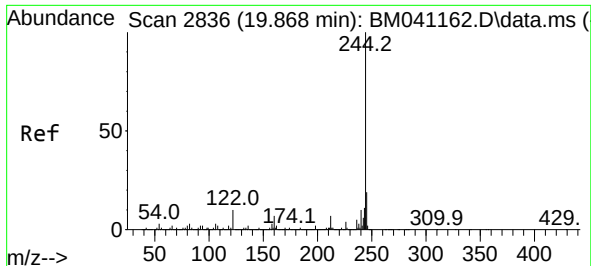
Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

236 25.5 20.6 30.8

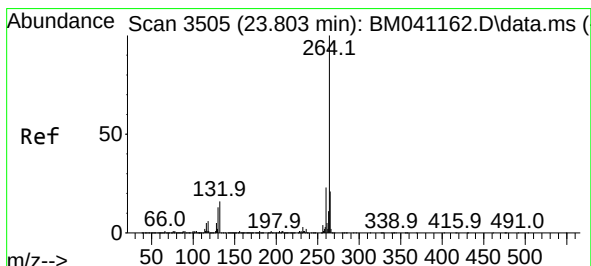
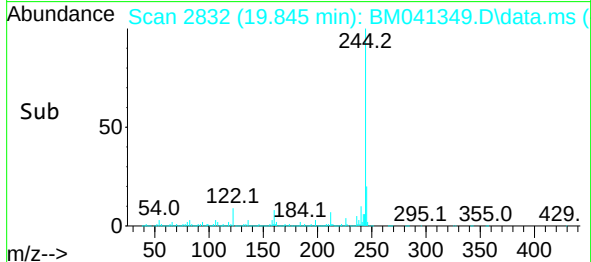
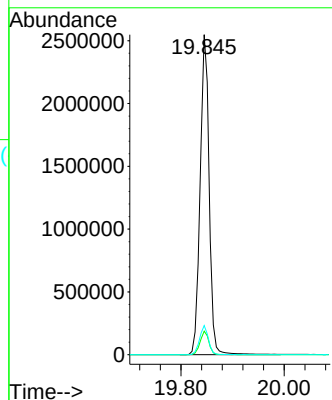
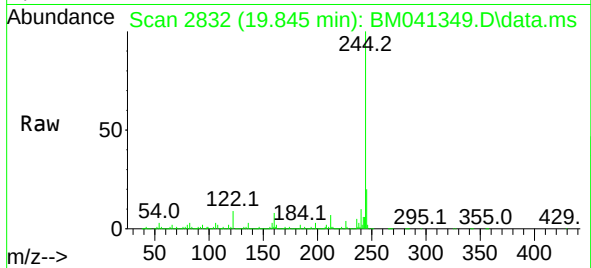




#79
 Terphenyl-d14
 Concen: 108.182 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041349.D
 Acq: 09 Aug 2023 21:02

Instrument :
 BNA_M
 ClientSampleId :
 TP-36

Tgt Ion:244 Resp: 3078906
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 9.1 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.786 min Scan# 3502
 Delta R.T. 0.006 min
 Lab File: BM041349.D
 Acq: 09 Aug 2023 21:02

Tgt Ion:264 Resp: 571164
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 23.9 17.4 26.0

