

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041449.D
 Acq On : 21 Aug 2023 15:43
 Operator : MA/JU
 Sample : 04082-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11929

Quant Time: Aug 22 03:37:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	160170	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	623001	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	400762	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	893974	20.000	ng	0.00
76) Chrysene-d12	21.386	240	915913	20.000	ng	0.00
86) Perylene-d12	23.727	264	1021607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1097148	113.953	ng	0.00
7) Phenol-d6	6.957	99	1281322	98.007	ng	0.00
23) Nitrobenzene-d5	8.940	82	958405	73.436	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	665996	104.718	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	2156841	72.118	ng	0.00
79) Terphenyl-d14	19.821	244	3884148	73.796	ng	0.00

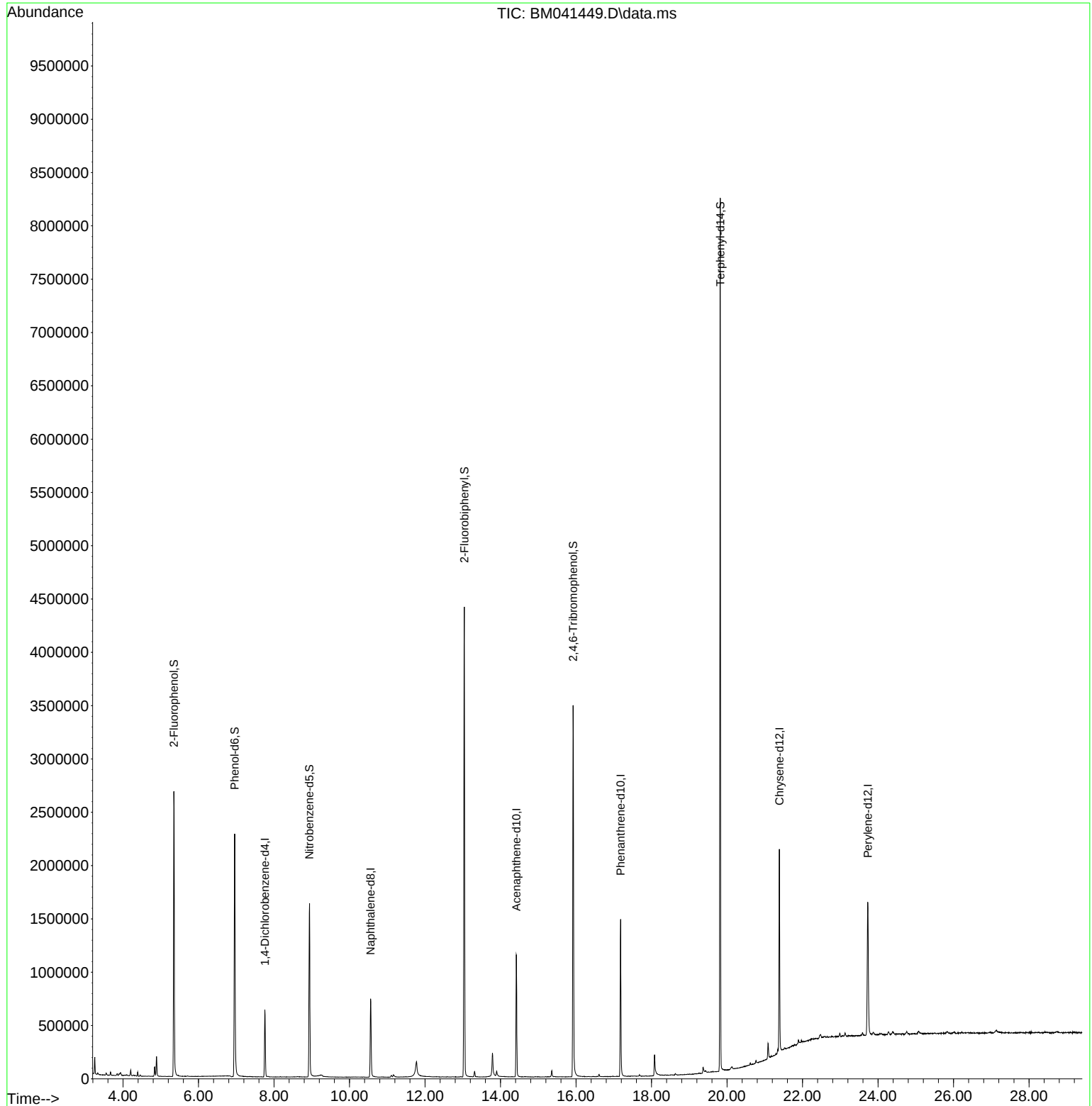
Target Compounds	Qvalue

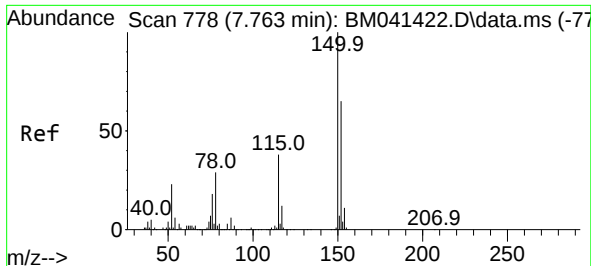
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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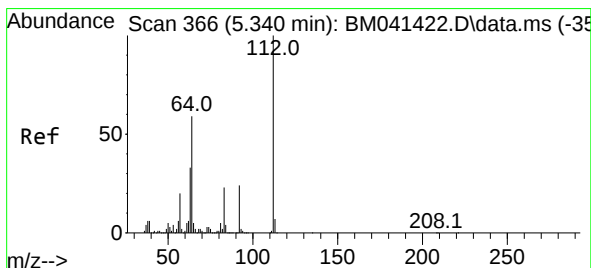
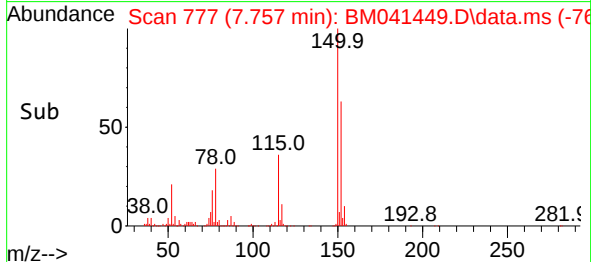
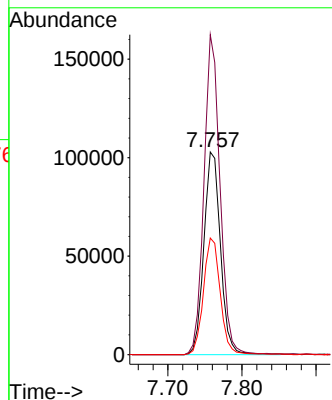
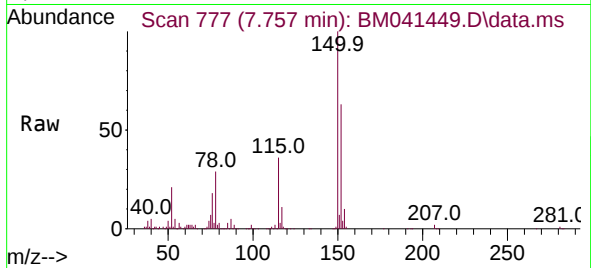




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041449.D
 Acq: 21 Aug 2023 15:43

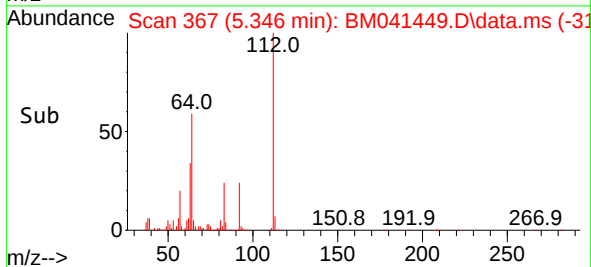
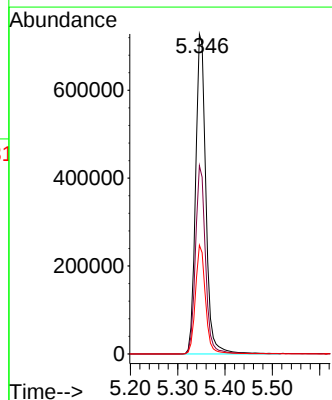
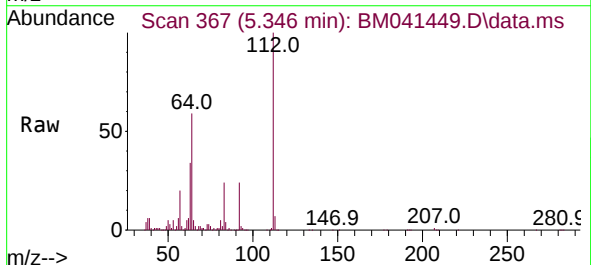
Instrument :
 BNA_M
 ClientSampleId :
 72-11929

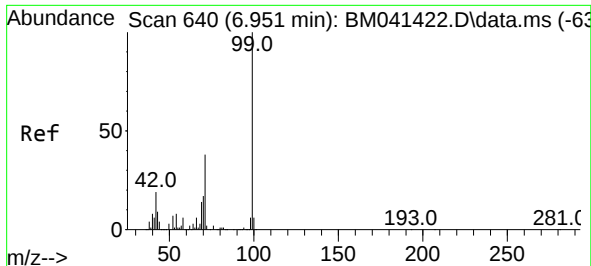
Tgt Ion:152 Resp: 160170
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.8 185.6
 115 57.5 46.6 70.0



#5
 2-Fluorophenol
 Concen: 113.953 ng
 RT: 5.346 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BM041449.D
 Acq: 21 Aug 2023 15:43

Tgt Ion:112 Resp: 1097148
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.3 70.9
 63 34.0 26.5 39.7



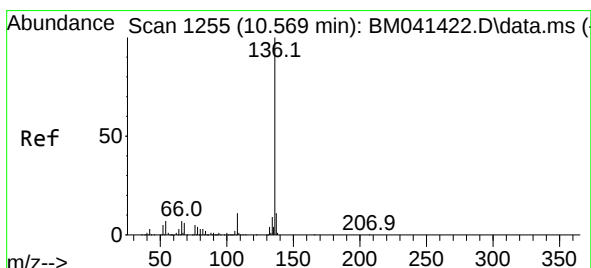
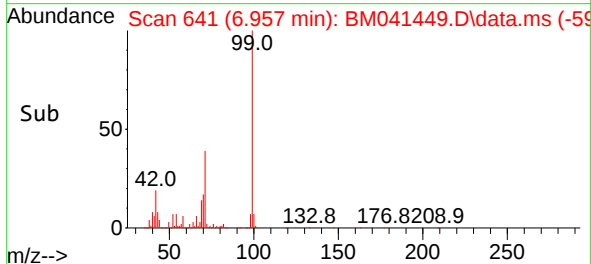
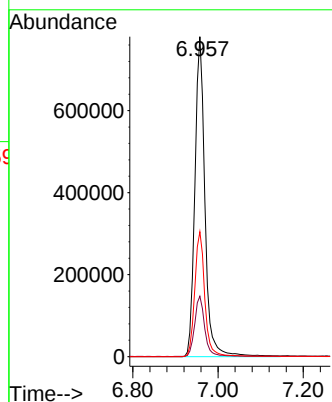
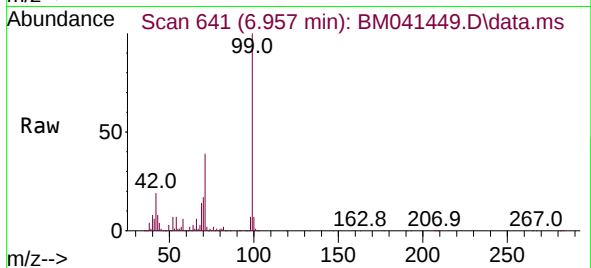


#7
Phenol-d6
Concen: 98.007 ng
RT: 6.957 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041449.D
Acq: 21 Aug 2023 15:43

Instrument :
BNA_M
ClientSampleId :
72-11929

Tgt Ion: 99 Resp: 1281322

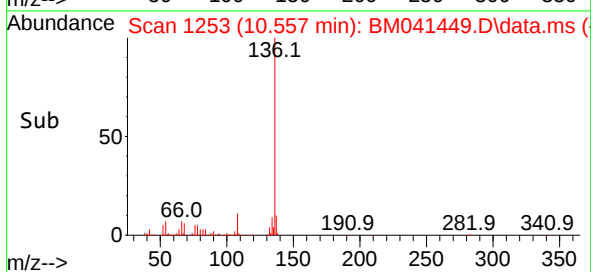
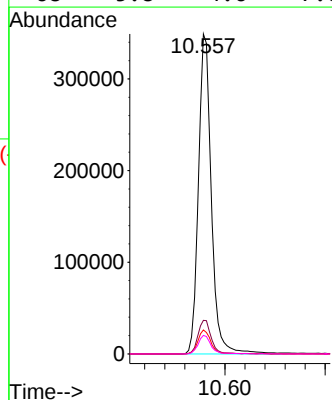
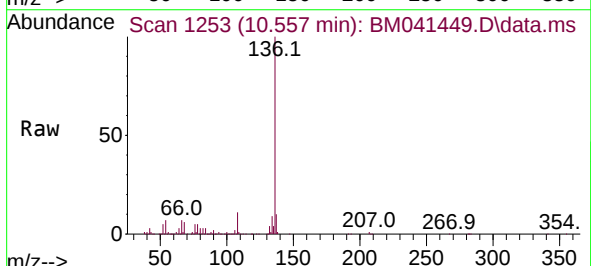
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.2	22.8
71	39.0	30.7	46.1

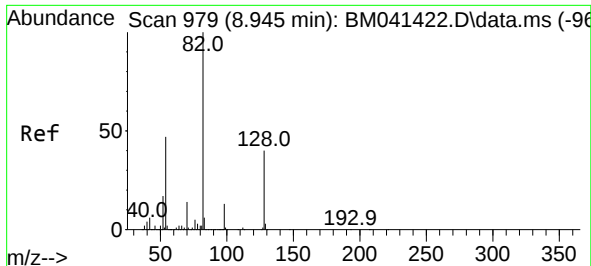


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM041449.D
Acq: 21 Aug 2023 15:43

Tgt Ion: 136 Resp: 623001

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.5	5.7	8.5
68	5.8	4.6	7.0

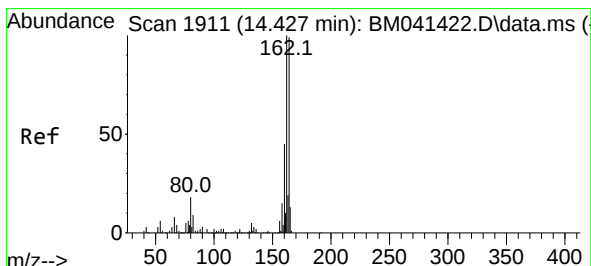
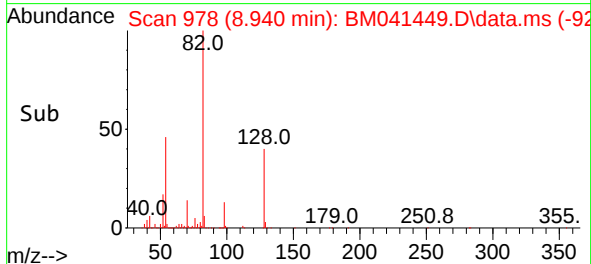
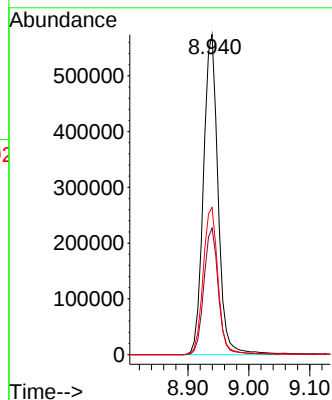
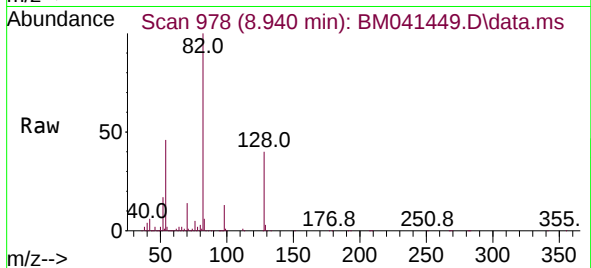




#23
Nitrobenzene-d5
Concen: 73.436 ng
RT: 8.940 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041449.D
Acq: 21 Aug 2023 15:43

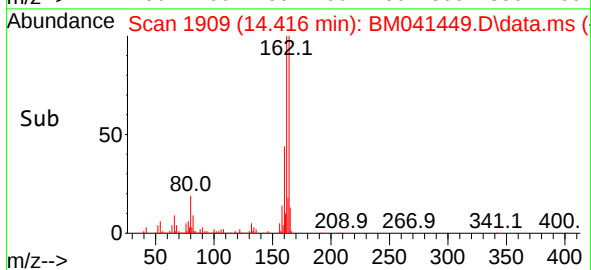
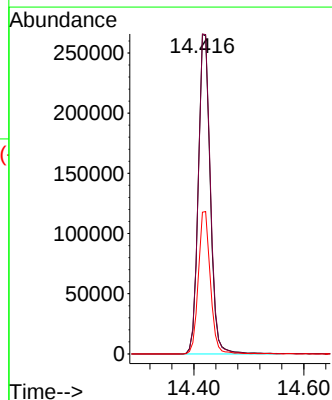
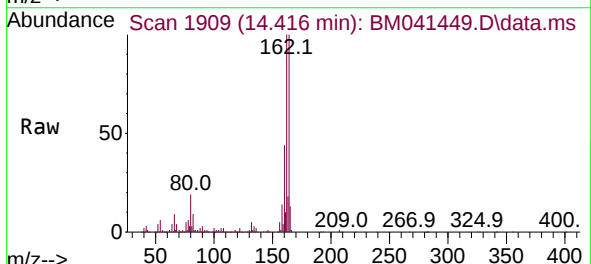
Instrument :
BNA_M
ClientSampleId :
72-11929

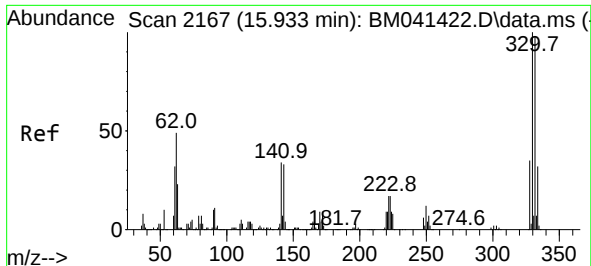
Tgt Ion: 82 Resp: 958405
Ion Ratio Lower Upper
82 100
128 39.6 32.2 48.4
54 46.0 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM041449.D
Acq: 21 Aug 2023 15:43

Tgt Ion:164 Resp: 400762
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 44.4 35.9 53.9

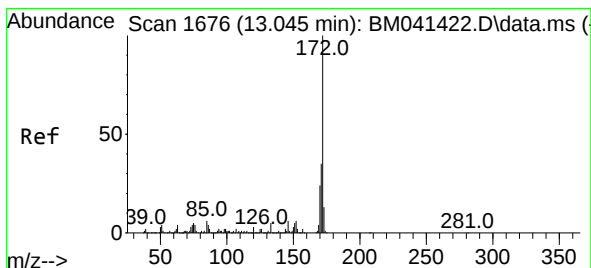
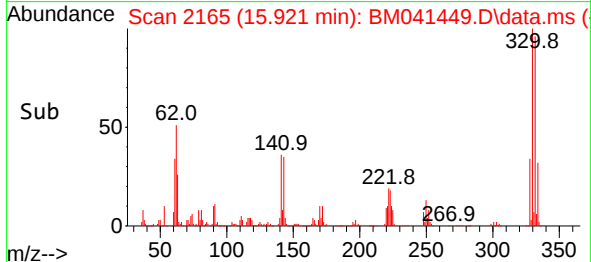
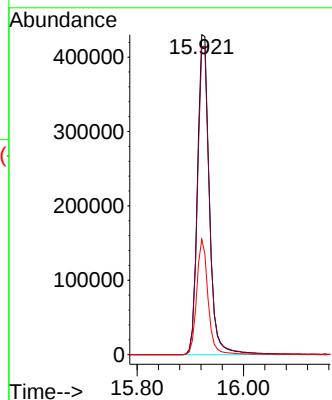
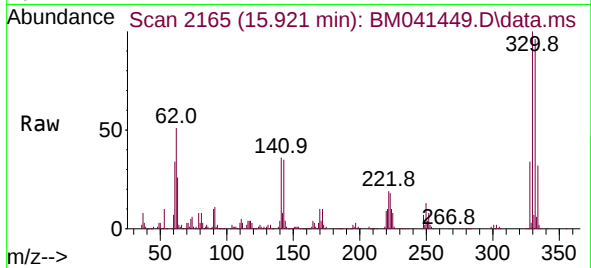




#42
2,4,6-Tribromophenol
Concen: 104.718 ng
RT: 15.921 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM041449.D
Acq: 21 Aug 2023 15:43

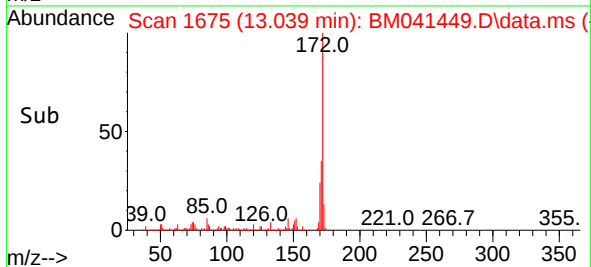
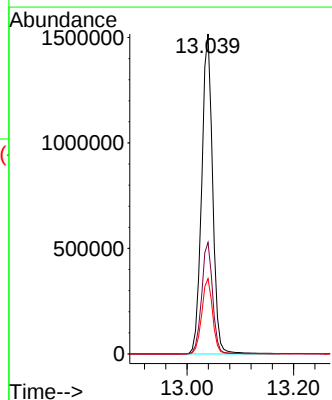
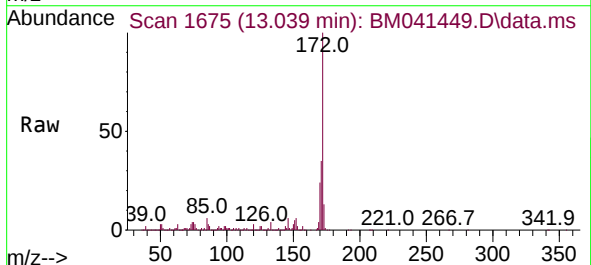
Instrument :
BNA_M
ClientSampleId :
72-11929

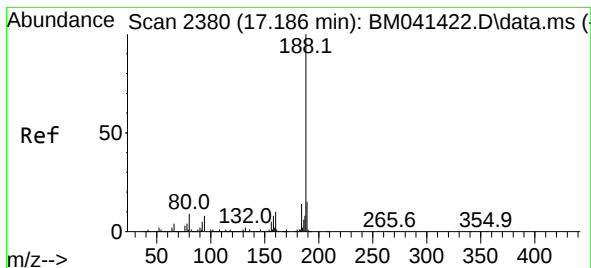
Tgt Ion:330 Resp: 665996
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 34.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 72.118 ng
RT: 13.039 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BM041449.D
Acq: 21 Aug 2023 15:43

Tgt Ion:172 Resp: 2156841
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 23

Delta R.T. 0.006 min

Lab File: BM041449.D

Acq: 21 Aug 2023 15:43

Instrument :

BNA_M

ClientSampleId :

72-11929

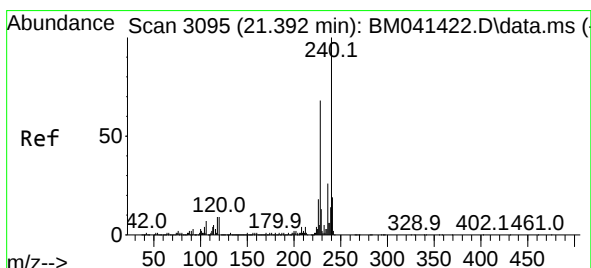
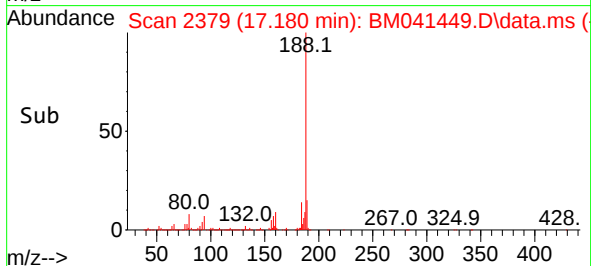
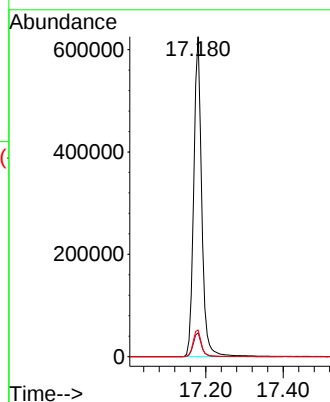
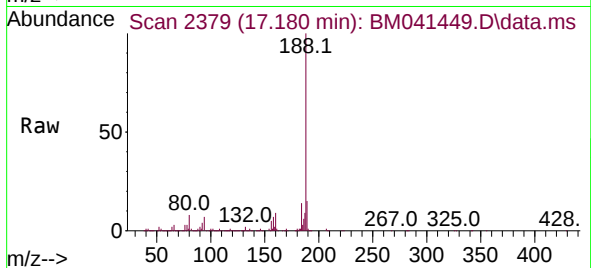
Tgt Ion:188 Resp: 893974

Ion Ratio Lower Upper

188 100

94 7.4 6.6 9.8

80 8.3 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM041449.D

Acq: 21 Aug 2023 15:43

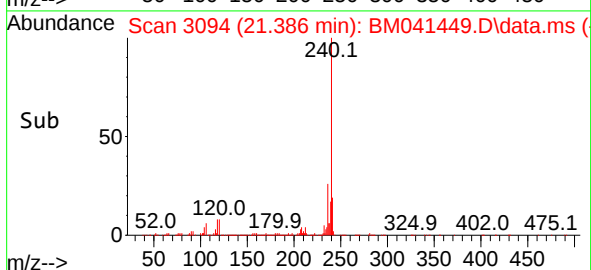
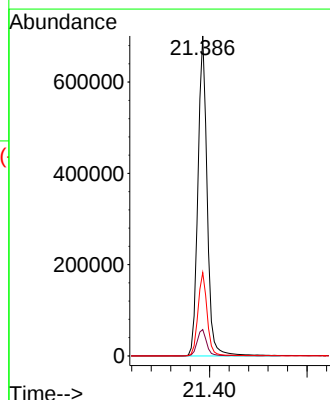
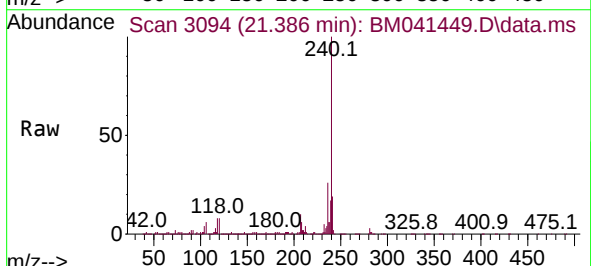
Tgt Ion:240 Resp: 915913

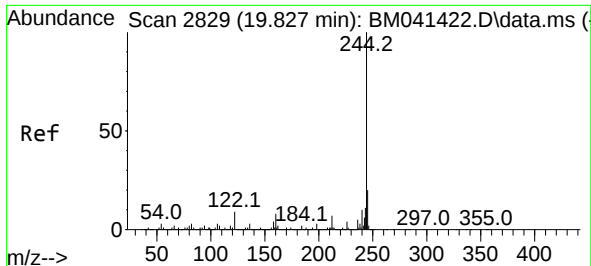
Ion Ratio Lower Upper

240 100

120 8.2 7.4 11.2

236 26.0 20.8 31.2

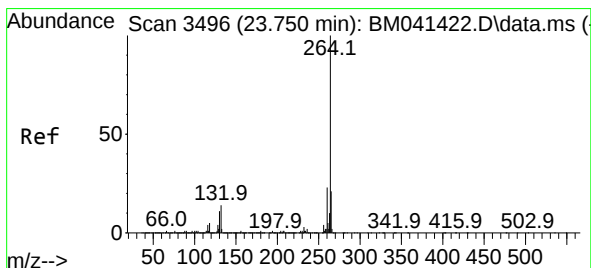
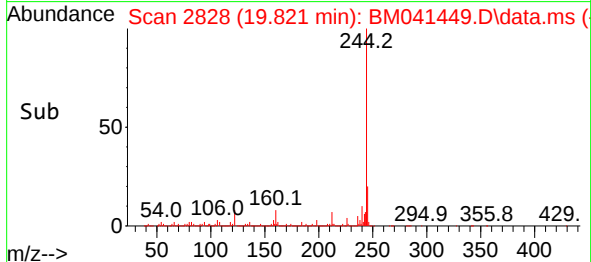
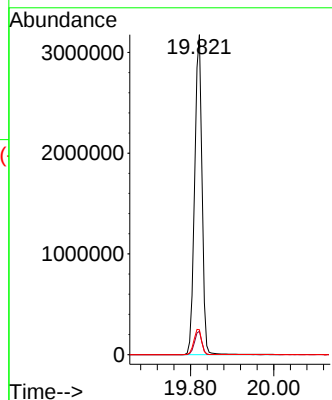
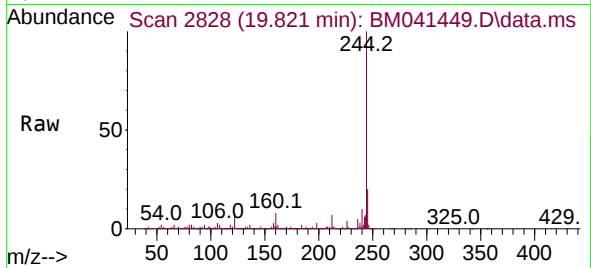




#79
 Terphenyl-d14
 Concen: 73.796 ng
 RT: 19.821 min Scan# 2828
 Delta R.T. 0.006 min
 Lab File: BM041449.D
 Acq: 21 Aug 2023 15:43

Instrument :
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 ClientSampleId :
 72-11929

Tgt Ion:244 Resp: 3884148
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 7.8 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3492
 Delta R.T. 0.000 min
 Lab File: BM041449.D
 Acq: 21 Aug 2023 15:43

Tgt Ion:264 Resp: 1021607
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 22.1 17.5 26.3

