

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044079.D
 Acq On : 14 Feb 2024 12:58
 Operator : MA/JU
 Sample : P1412-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP2

Quant Time: Feb 14 13:29:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	463471	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1825595	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1018396	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	1977864	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1370842	20.000	ng	0.00
86) Perylene-d12	23.891	264	1401110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3970764	124.608	ng	0.00
7) Phenol-d6	7.075	99	4536249	111.883	ng	0.00
23) Nitrobenzene-d5	9.075	82	3064791	89.083	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1382393	125.371	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	6066991	84.078	ng	0.00
79) Terphenyl-d14	19.939	244	7246998	92.675	ng	0.00

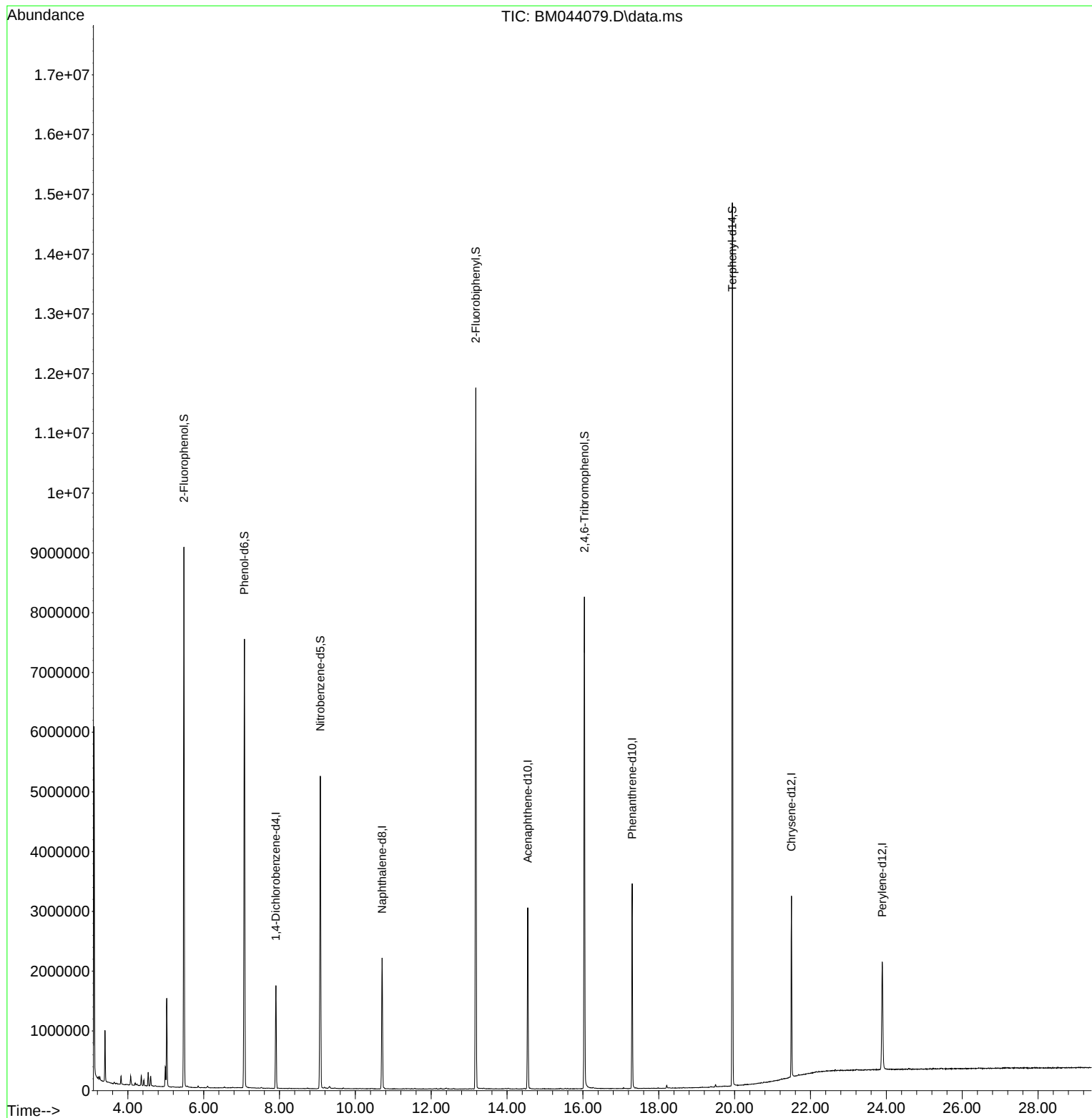
Target Compounds	Qvalue

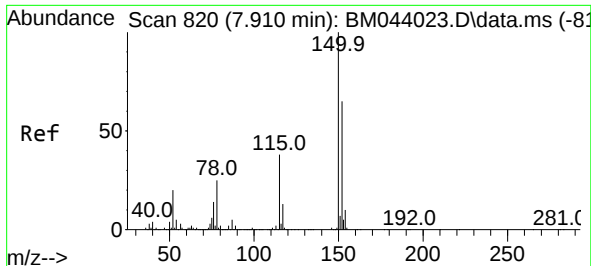
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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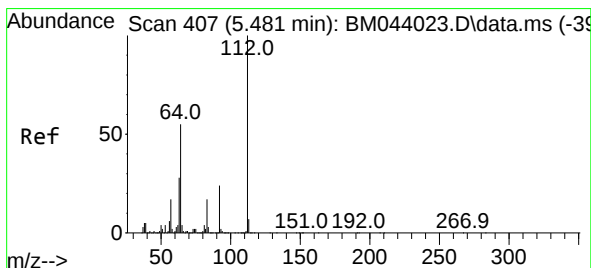
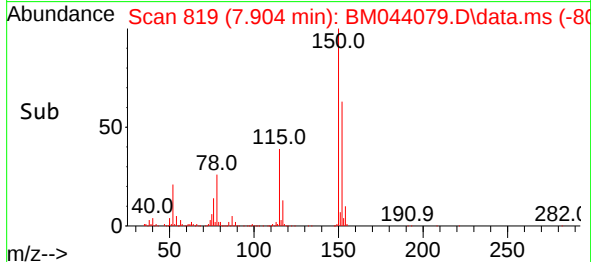
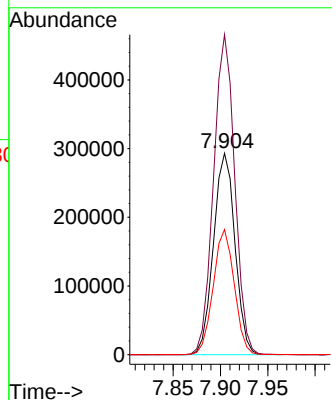
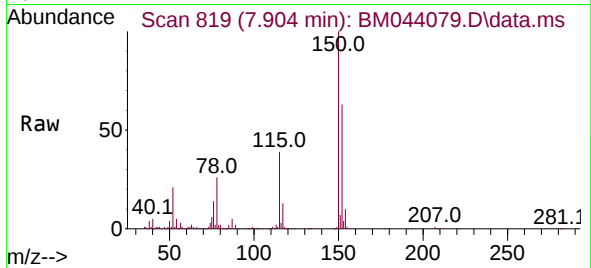




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044079.D
Acq: 14 Feb 2024 12:58

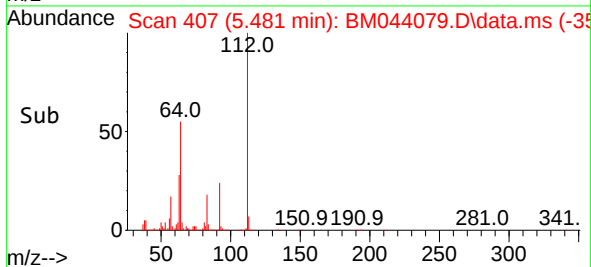
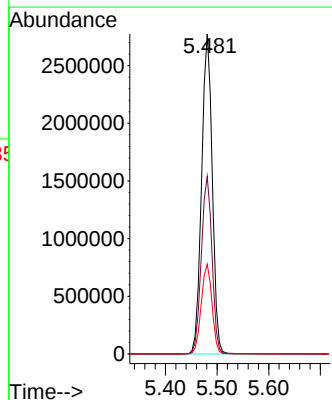
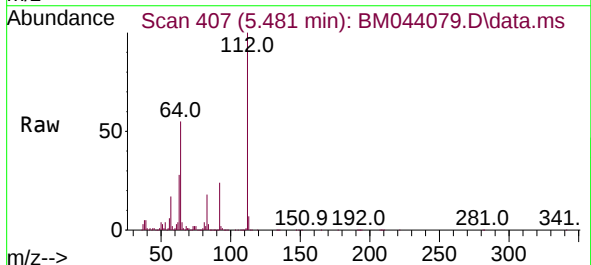
Instrument :
BNA_M
ClientSampleId :
TP2

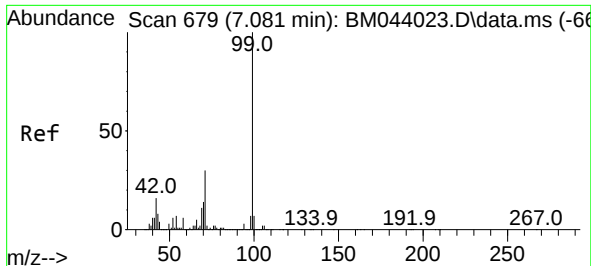
Tgt Ion:152 Resp: 463471
Ion Ratio Lower Upper
152 100
150 158.9 122.7 184.1
115 62.1 47.0 70.6



#5
2-Fluorophenol
Concen: 124.608 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044079.D
Acq: 14 Feb 2024 12:58

Tgt Ion:112 Resp: 3970764
Ion Ratio Lower Upper
112 100
64 55.5 44.2 66.4
63 28.1 22.6 34.0



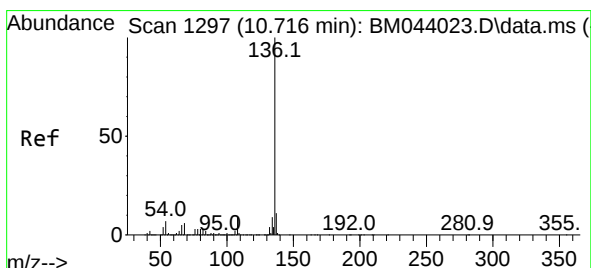
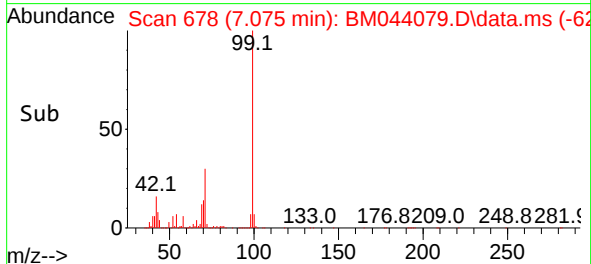
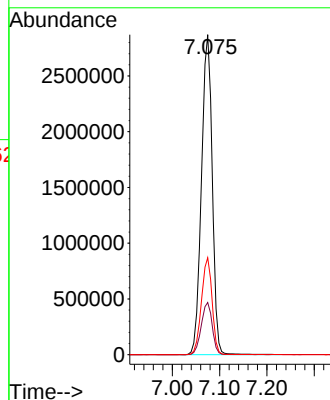
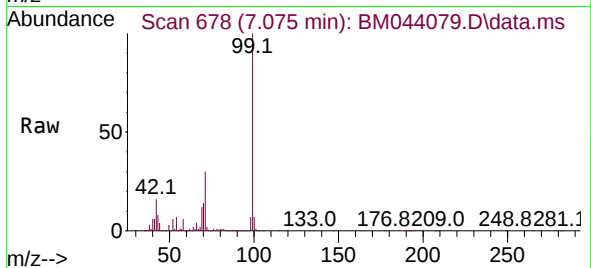


#7
Phenol-d6
Concen: 111.883 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044079.D
Acq: 14 Feb 2024 12:58

Instrument :
BNA_M
ClientSampleId :
TP2

Tgt Ion: 99 Resp: 4536249

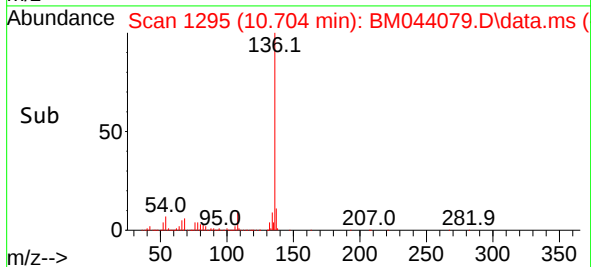
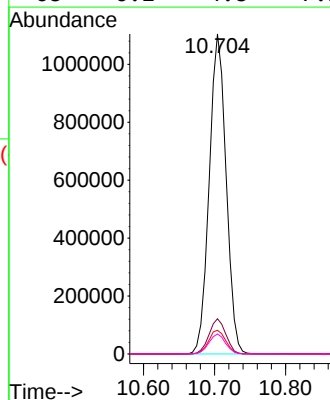
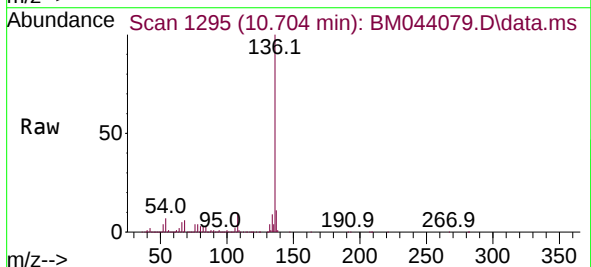
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.9	19.3
71	30.3	23.9	35.9

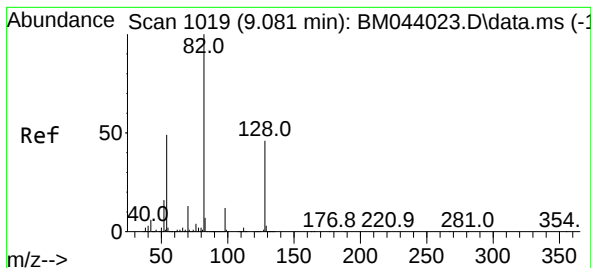


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044079.D
Acq: 14 Feb 2024 12:58

Tgt Ion: 136 Resp: 1825595

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	5.9	8.9
68	6.2	4.8	7.2





#23

Nitrobenzene-d5

Concen: 89.083 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BM044079.D

Acq: 14 Feb 2024 12:58

Instrument :

BNA_M

ClientSampleId :

TP2

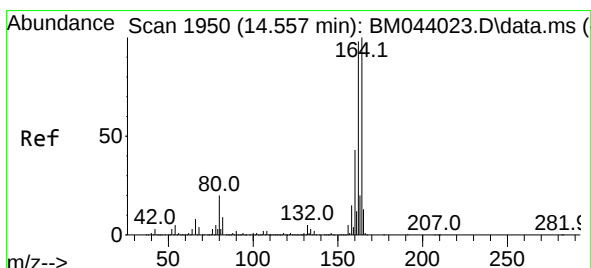
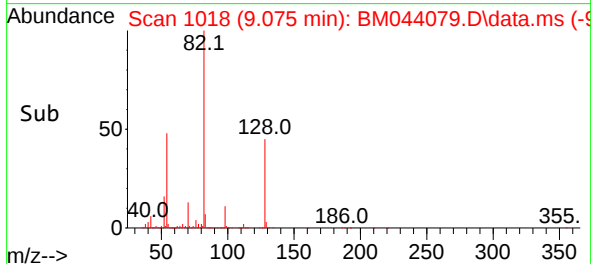
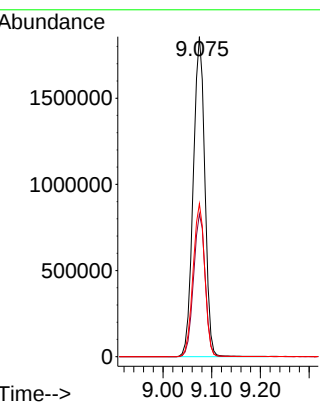
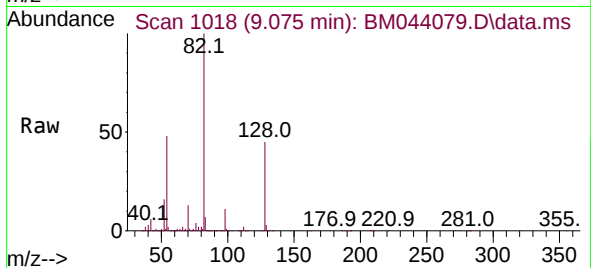
Tgt Ion: 82 Resp: 3064791

Ion Ratio Lower Upper

82 100

128 44.6 37.1 55.7

54 47.8 38.9 58.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BM044079.D

Acq: 14 Feb 2024 12:58

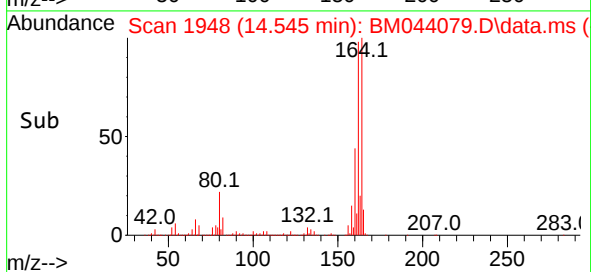
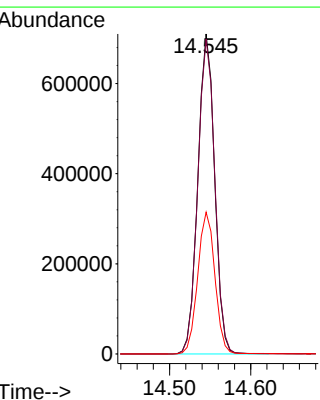
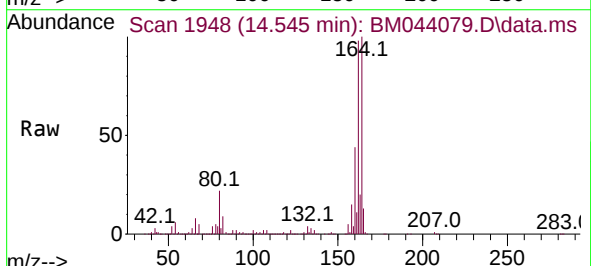
Tgt Ion:164 Resp: 1018396

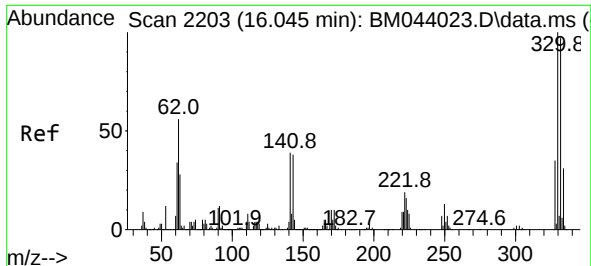
Ion Ratio Lower Upper

164 100

162 98.5 78.4 117.6

160 44.3 34.6 51.8

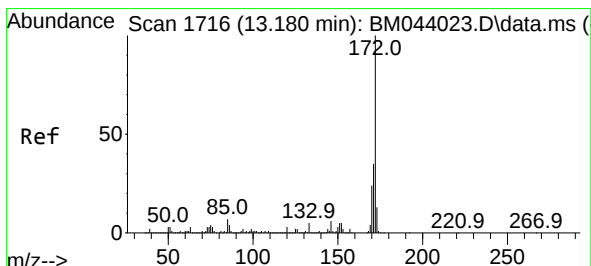
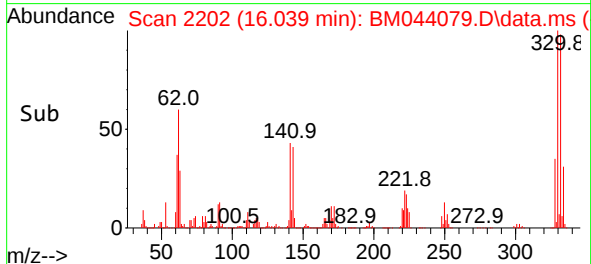
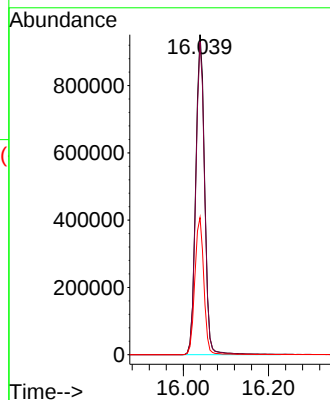
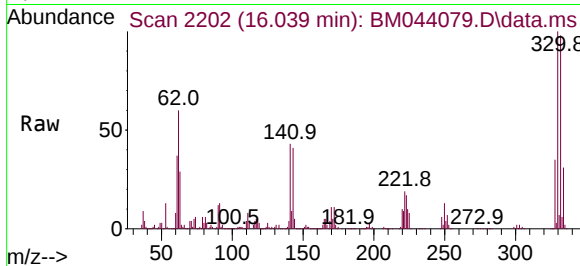




#42
2,4,6-Tribromophenol
Concen: 125.371 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044079.D
Acq: 14 Feb 2024 12:58

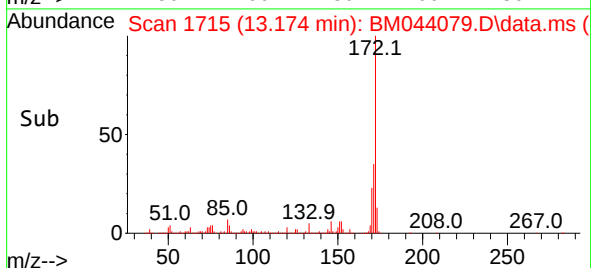
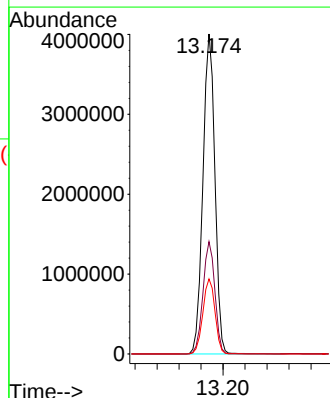
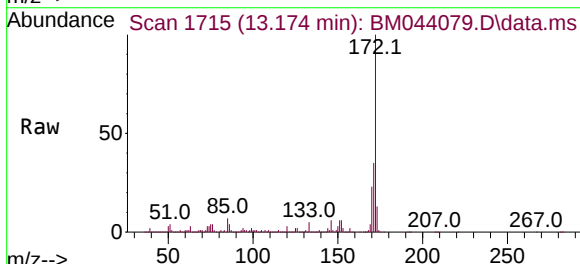
Instrument :
BNA_M
ClientSampleId :
TP2

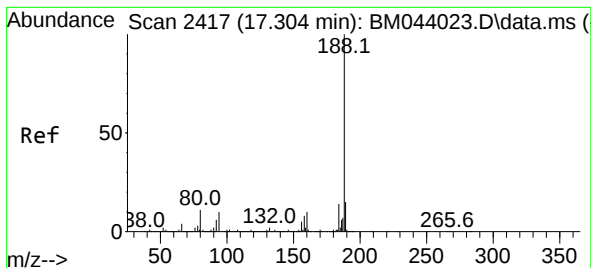
Tgt Ion:330 Resp: 1382393
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 43.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 84.078 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044079.D
Acq: 14 Feb 2024 12:58

Tgt Ion:172 Resp: 6066991
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM044079.D

Acq: 14 Feb 2024 12:58

Instrument :

BNA_M

ClientSampleId :

TP2

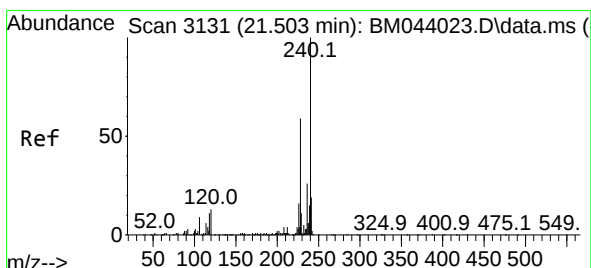
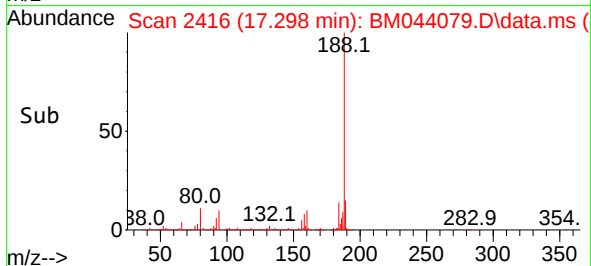
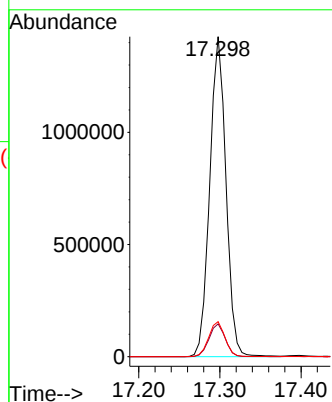
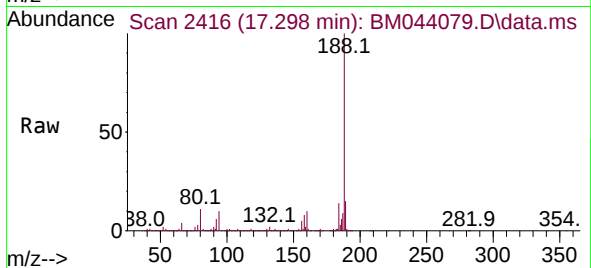
Tgt Ion:188 Resp: 1977864

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 11.0 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044079.D

Acq: 14 Feb 2024 12:58

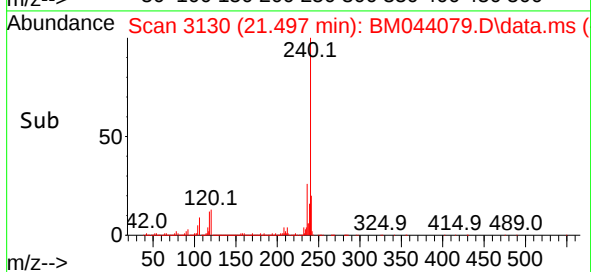
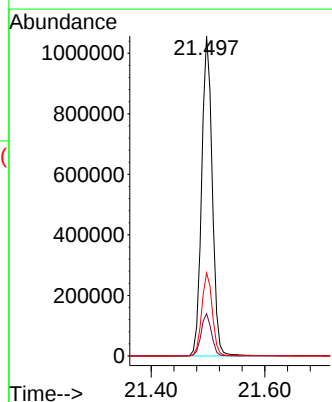
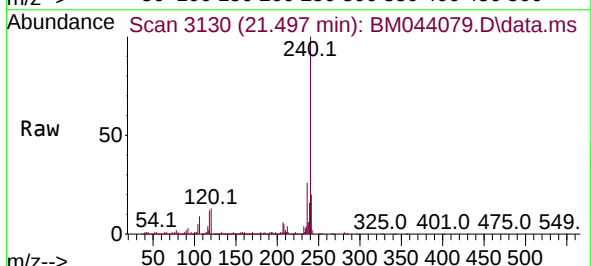
Tgt Ion:240 Resp: 1370842

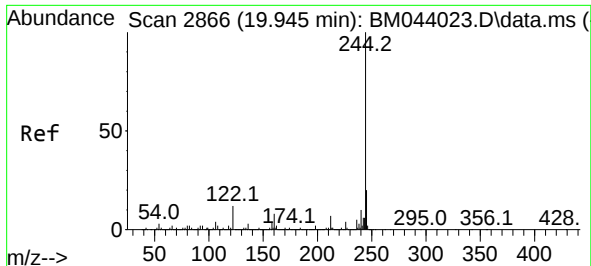
Ion Ratio Lower Upper

240 100

120 13.2 10.1 15.1

236 26.0 20.6 31.0

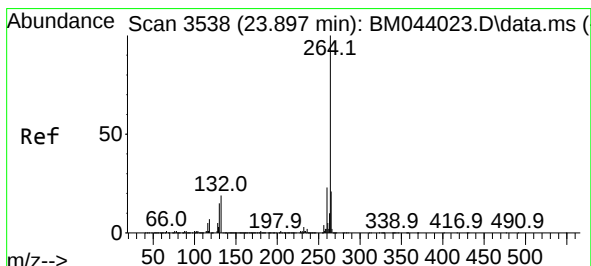
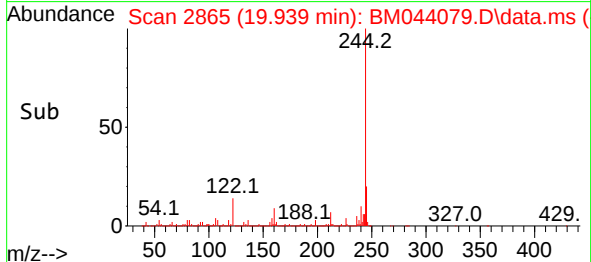
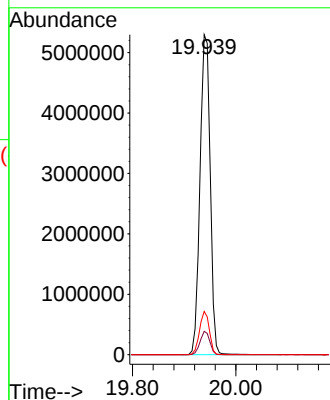
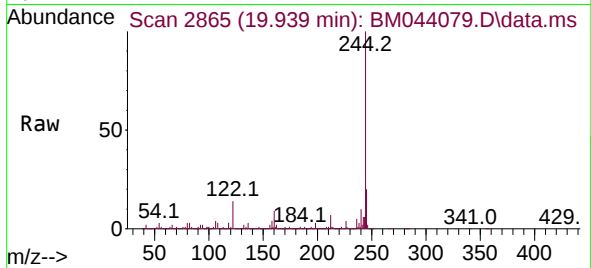




#79
 Terphenyl-d14
 Concen: 92.675 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044079.D
 Acq: 14 Feb 2024 12:58

Instrument :
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 ClientSampleId :
 TP2

Tgt Ion:244 Resp: 7246998
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 13.5 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.891 min Scan# 3537
 Delta R.T. -0.006 min
 Lab File: BM044079.D
 Acq: 14 Feb 2024 12:58

Tgt Ion:264 Resp: 1401110
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.7 17.3 25.9

