

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046692.D
Acq On : 18 Jul 2024 07:10
Operator : MA/JU
Sample : PB162084BL
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162084BL

Quant Time: Jul 18 07:56:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 06:01:46 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.487	152	92251	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	319371	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	214046	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	452216	20.000	ng	0.00
76) Chrysene-d12	21.115	240	497447	20.000	ng	0.00
86) Perylene-d12	23.880	264	572060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	609955	134.298	ng	0.00
7) Phenol-d6	6.693	99	723766	125.146	ng	0.00
23) Nitrobenzene-d5	8.628	82	537935	87.452	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	404559	121.853	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	1360189	89.761	ng	0.00
79) Terphenyl-d14	19.545	244	2470917	89.827	ng	0.00

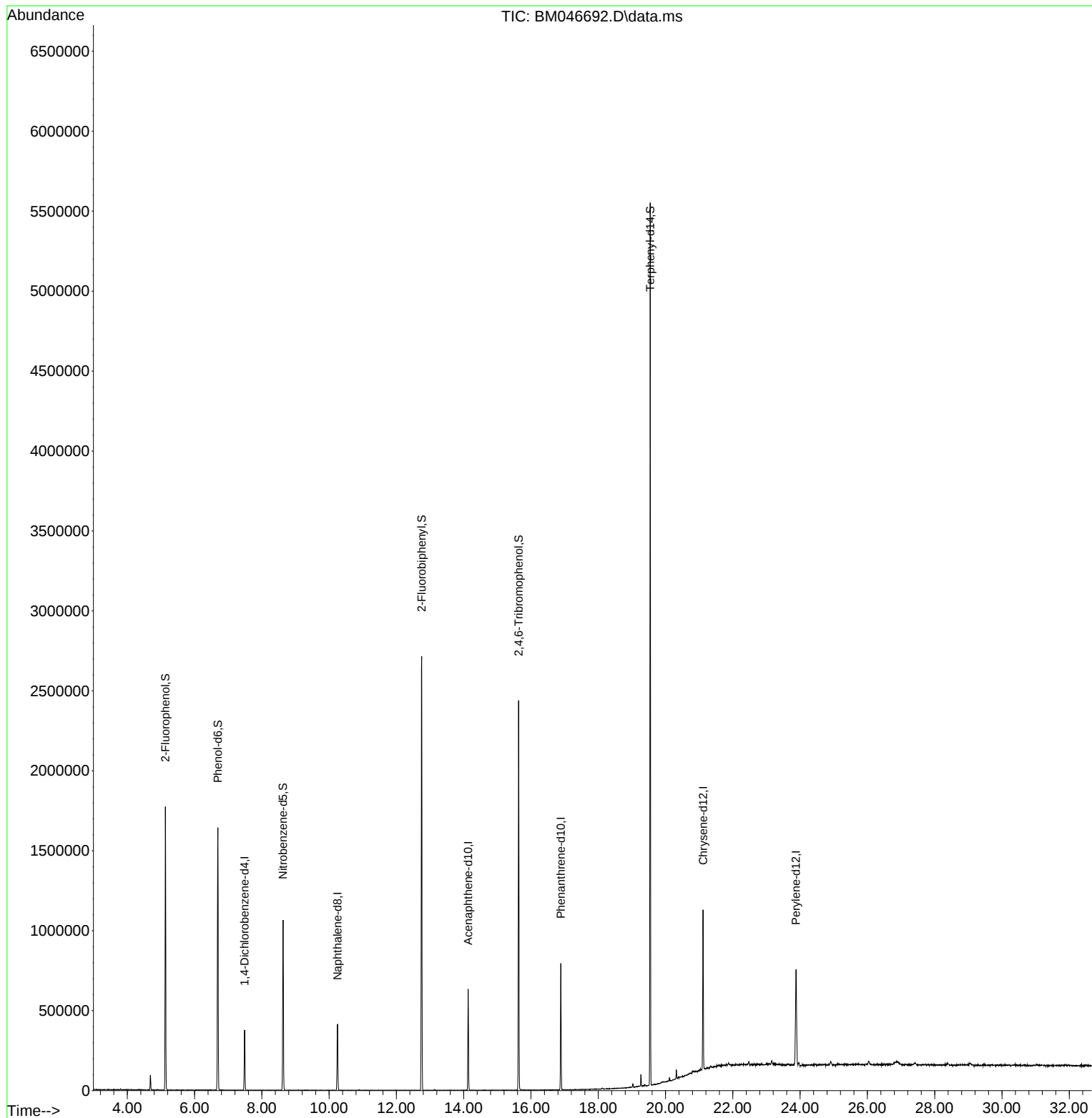
Target Compounds	Qvalue

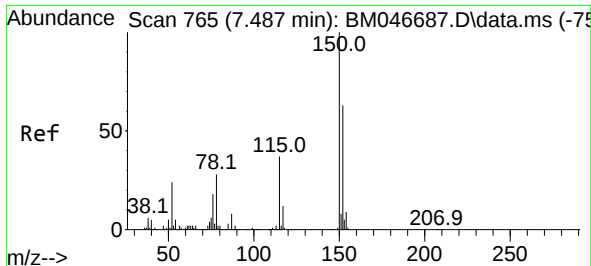
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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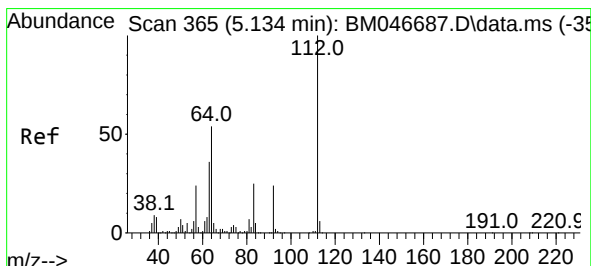
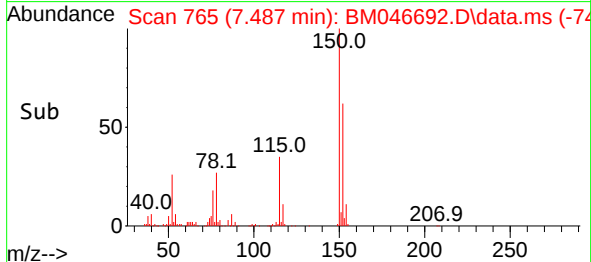
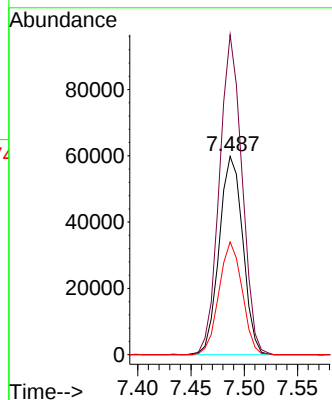
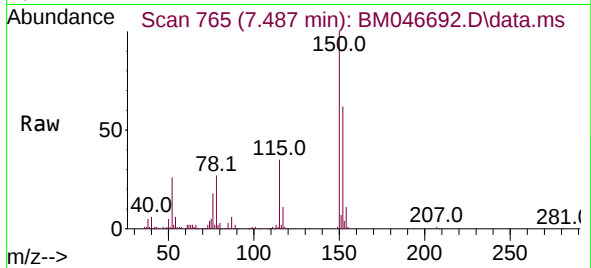




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.487 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: BM046692.D
 Acq: 18 Jul 2024 07:10

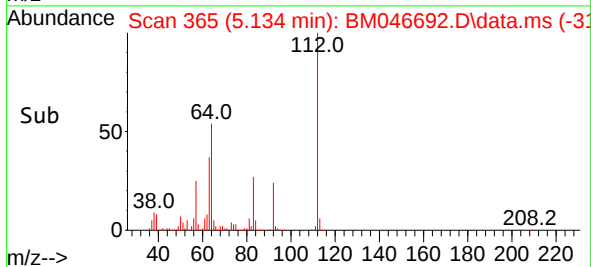
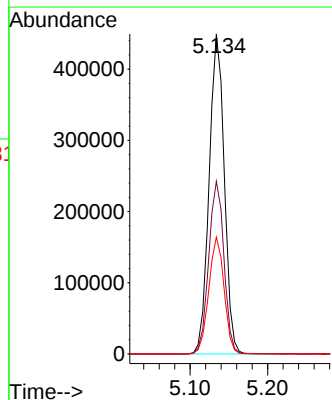
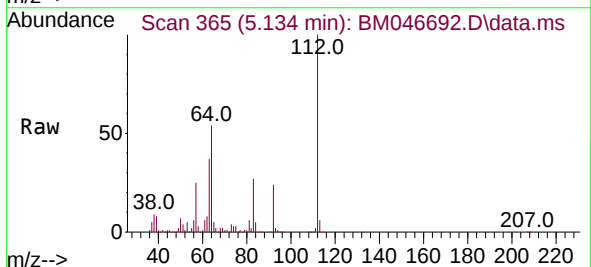
Instrument :
 BNA_M
 ClientSampleId :
 PB162084BL

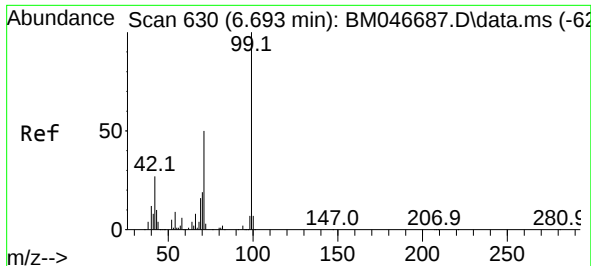
Tgt Ion:152 Resp: 92251
 Ion Ratio Lower Upper
 152 100
 150 161.4 127.3 190.9
 115 56.9 46.5 69.7



#5
 2-Fluorophenol
 Concen: 134.298 ng
 RT: 5.134 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: BM046692.D
 Acq: 18 Jul 2024 07:10

Tgt Ion:112 Resp: 609955
 Ion Ratio Lower Upper
 112 100
 64 54.0 43.5 65.3
 63 36.6 28.6 42.8

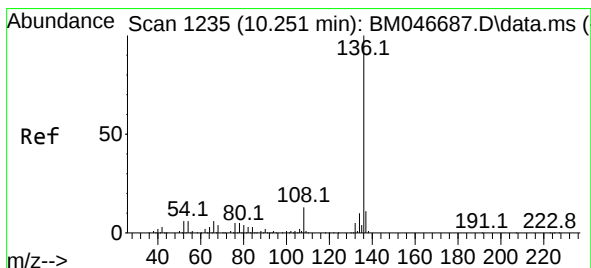
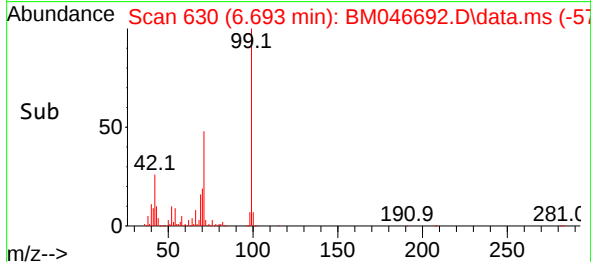
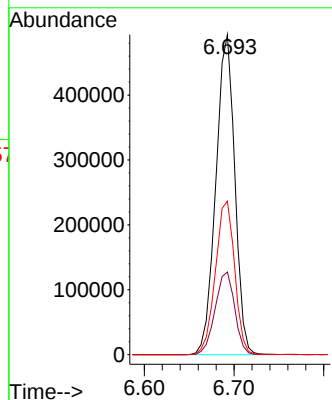
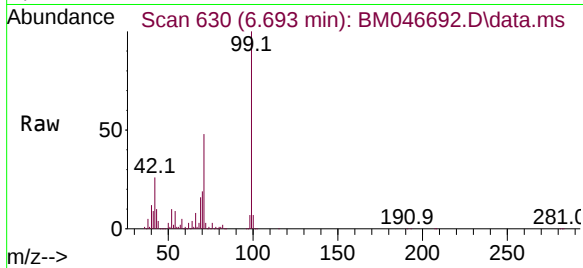




#7
Phenol-d6
Concen: 125.146 ng
RT: 6.693 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046692.D
Acq: 18 Jul 2024 07:10

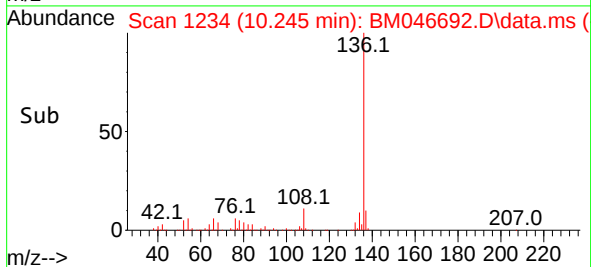
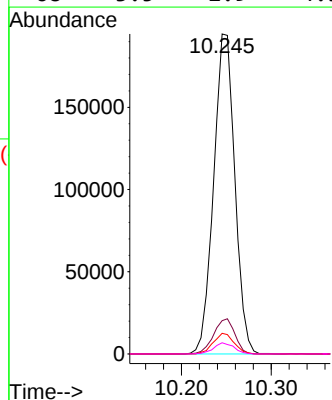
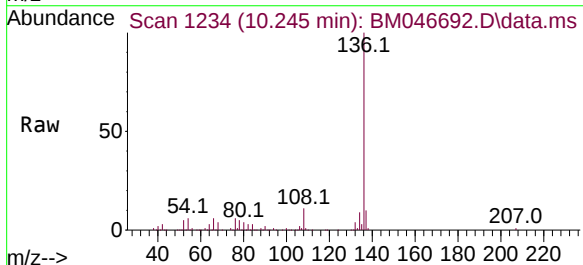
Instrument :
BNA_M
ClientSampleId :
PB162084BL

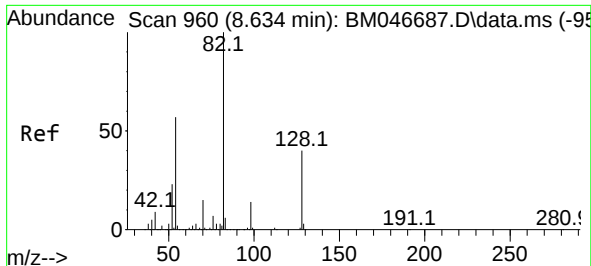
Tgt Ion: 99 Resp: 723766
Ion Ratio Lower Upper
99 100
42 25.8 21.4 32.0
71 48.0 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046692.D
Acq: 18 Jul 2024 07:10

Tgt Ion: 136 Resp: 319371
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 6.5 5.1 7.7
68 3.5 2.9 4.3

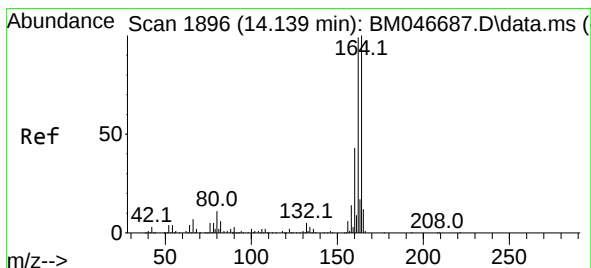
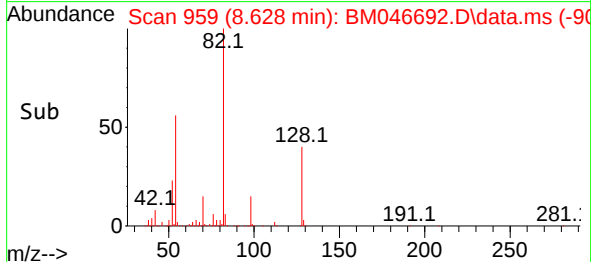
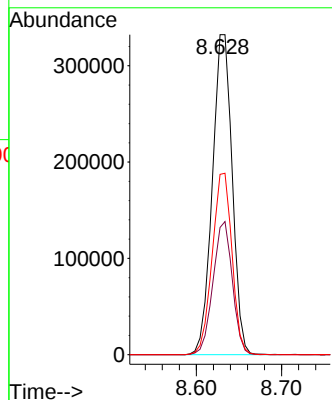
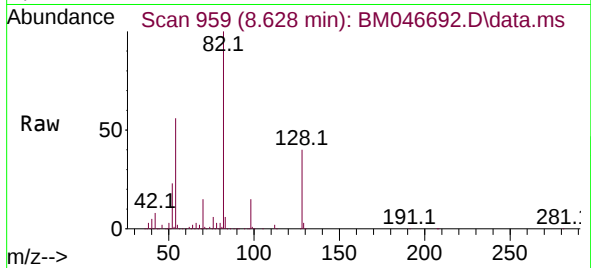




#23
Nitrobenzene-d5
Concen: 87.452 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM046692.D
Acq: 18 Jul 2024 07:10

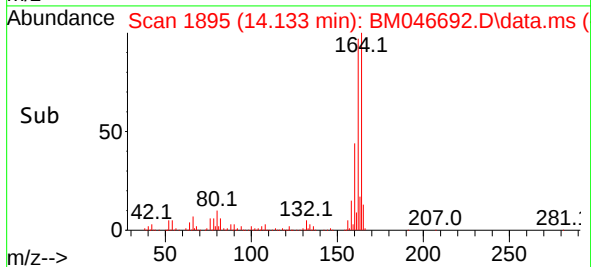
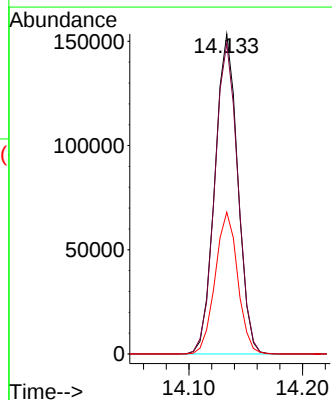
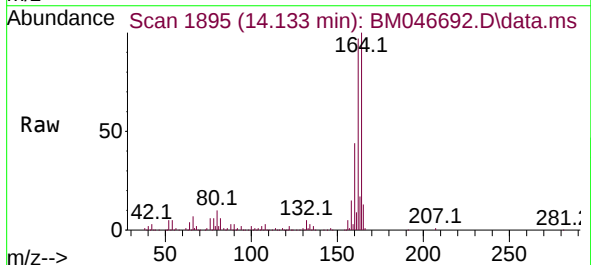
Instrument :
BNA_M
ClientSampleId :
PB162084BL

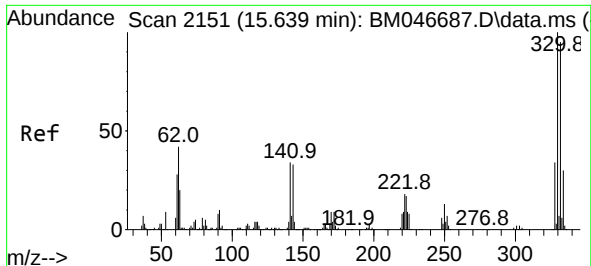
Tgt Ion: 82 Resp: 537935
Ion Ratio Lower Upper
82 100
128 39.8 32.0 48.0
54 56.3 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM046692.D
Acq: 18 Jul 2024 07:10

Tgt Ion: 164 Resp: 214046
Ion Ratio Lower Upper
164 100
162 97.1 79.0 118.6
160 44.3 34.6 51.8





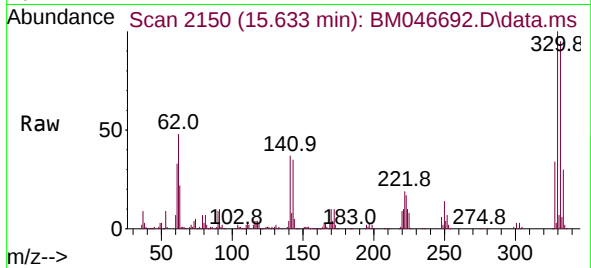
#42
2,4,6-Tribromophenol
Concen: 121.853 ng
RT: 15.633 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM046692.D
Acq: 18 Jul 2024 07:10

Instrument :

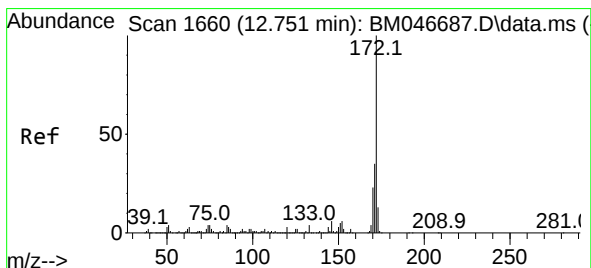
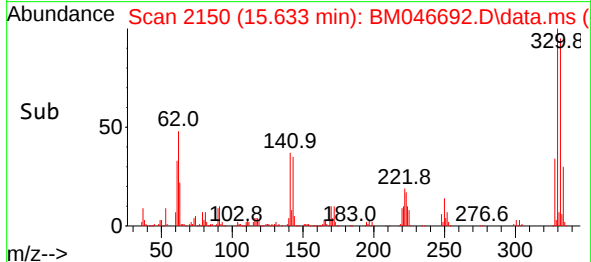
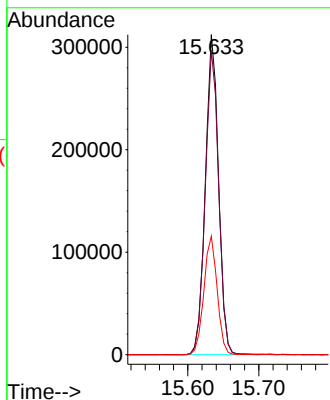
BNA_M

ClientSampleId :

PB162084BL

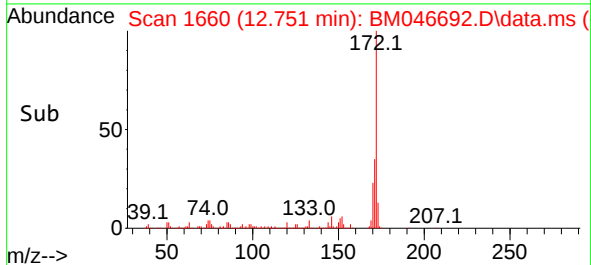
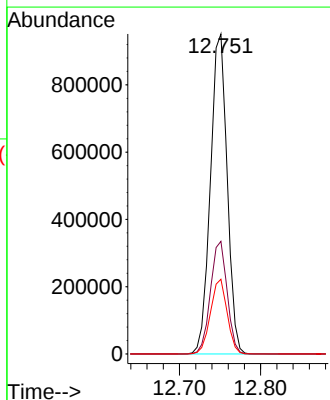
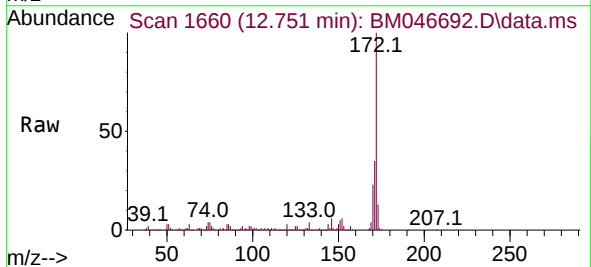


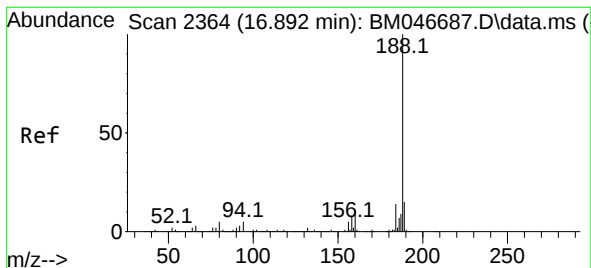
Tgt Ion:330 Resp: 404559
Ion Ratio Lower Upper
330 100
332 96.2 75.5 113.3
141 37.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 89.761 ng
RT: 12.751 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BM046692.D
Acq: 18 Jul 2024 07:10

Tgt Ion:172 Resp: 1360189
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.4 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.886 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046692.D

Acq: 18 Jul 2024 07:10

Instrument :

BNA_M

ClientSampleId :

PB162084BL

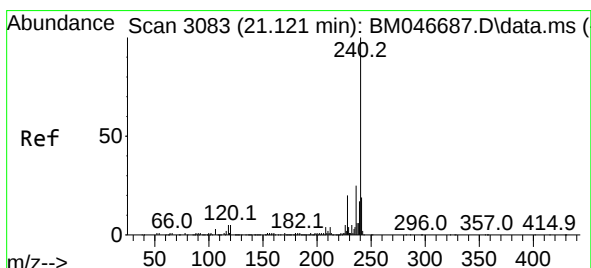
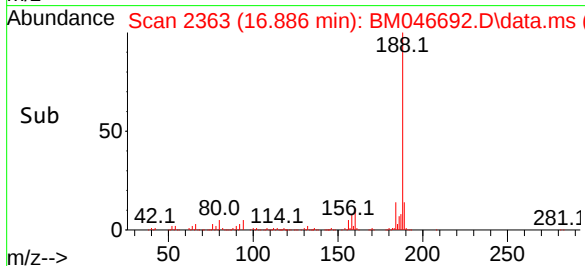
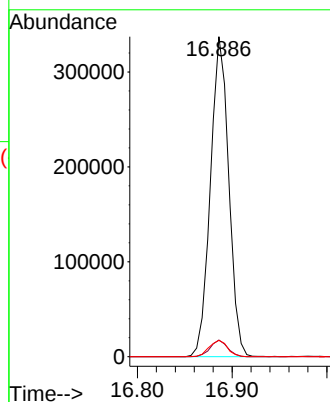
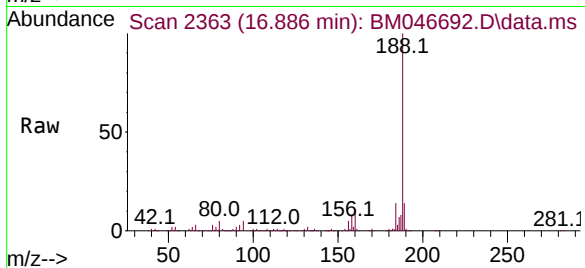
Tgt Ion:188 Resp: 452216

Ion Ratio Lower Upper

188 100

94 5.2 3.8 5.6

80 5.1 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.115 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM046692.D

Acq: 18 Jul 2024 07:10

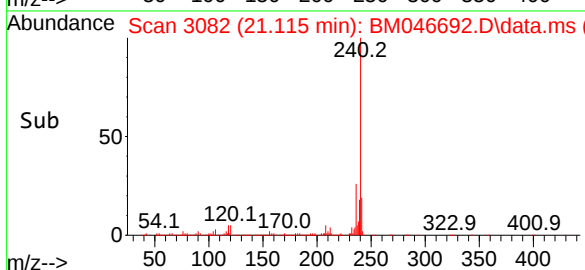
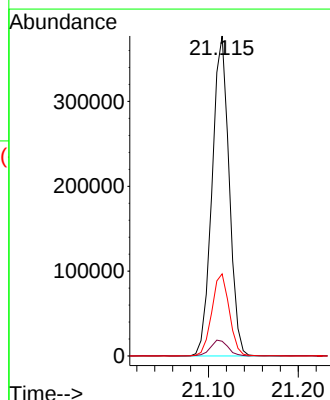
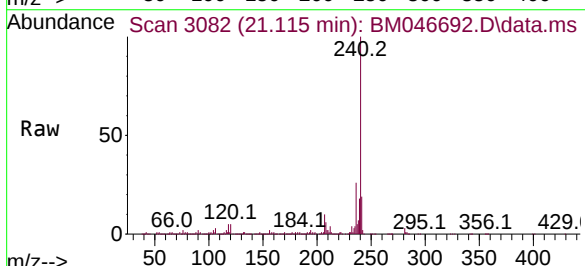
Tgt Ion:240 Resp: 497447

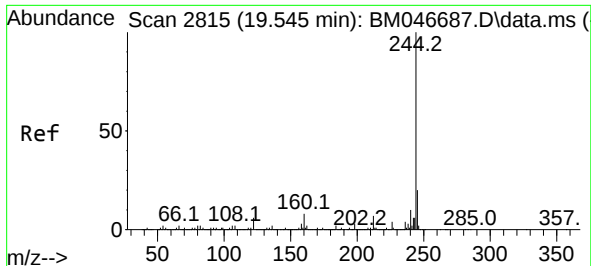
Ion Ratio Lower Upper

240 100

120 4.6 3.9 5.9

236 25.6 20.2 30.2

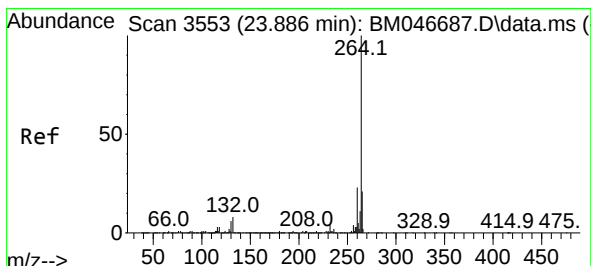
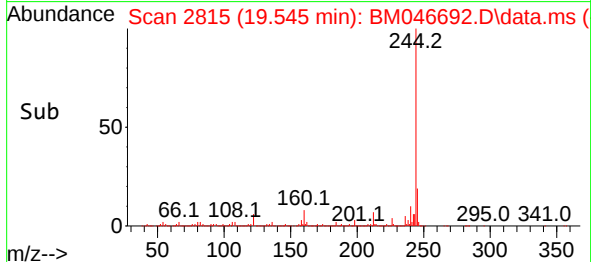
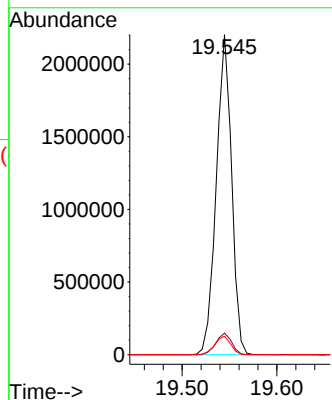
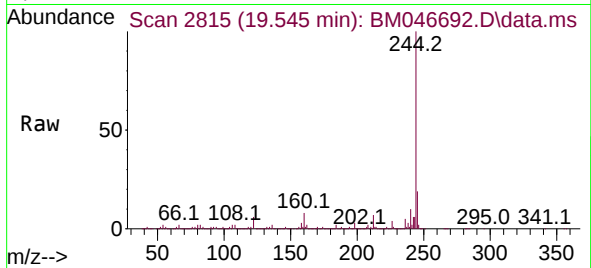




#79
 Terphenyl-d14
 Concen: 89.827 ng
 RT: 19.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM046692.D
 Acq: 18 Jul 2024 07:10

Instrument :
 BNA_M
 ClientSampleId :
 PB162084BL

Tgt Ion:244 Resp: 2470917
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 5.8 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.880 min Scan# 3552
 Delta R.T. -0.006 min
 Lab File: BM046692.D
 Acq: 18 Jul 2024 07:10

Tgt Ion:264 Resp: 572060
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.1 27.1
 265 21.8 16.9 25.3

