

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
Data File : BM046702.D
Acq On : 18 Jul 2024 14:35
Operator : MA/JU
Sample : PB162084BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162084BL

Quant Time: Jul 18 15:15:32 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	7.493	152	67811	20.000	ng	0.00
21) Naphthalene-d8	10.257	136	252918	20.000	ng	0.00
39) Acenaphthene-d10	14.140	164	198418	20.000	ng	0.00
64) Phenanthrene-d10	16.892	188	463676	20.000	ng	0.00
76) Chrysene-d12	21.121	240	480336	20.000	ng	0.00
86) Perylene-d12	23.886	264	559550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	532815	159.595	ng	0.00
7) Phenol-d6	6.699	99	672721	158.244	ng	0.00
23) Nitrobenzene-d5	8.640	82	482406	99.030	ng	0.00
42) 2,4,6-Tribromophenol	15.639	330	465462	151.240	ng	0.00
45) 2-Fluorobiphenyl	12.757	172	1360649	96.864	ng	0.00
79) Terphenyl-d14	19.551	244	2987275	112.467	ng	0.00

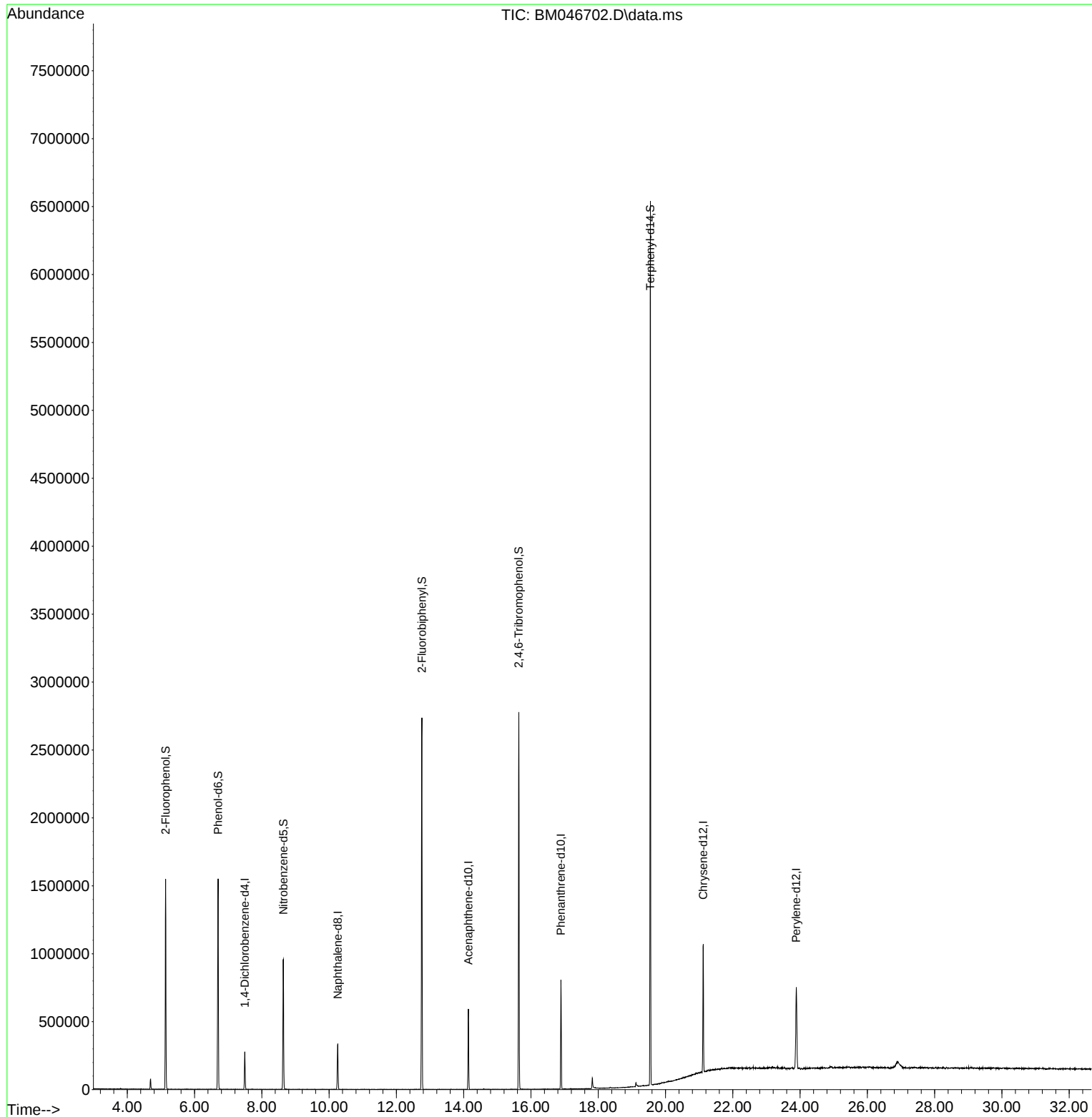
Target Compounds	Qvalue

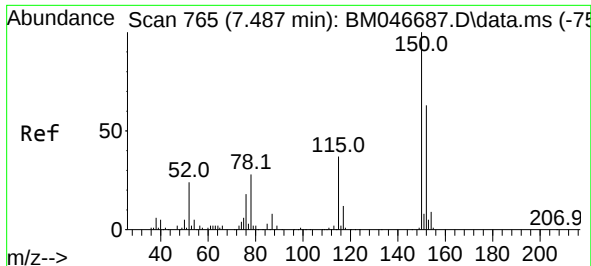
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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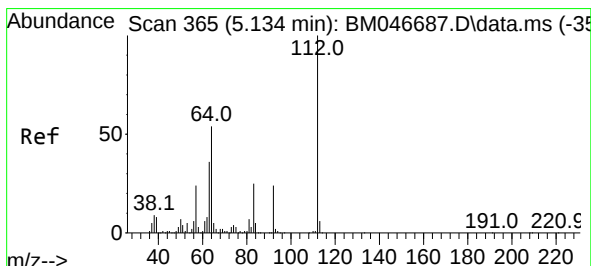
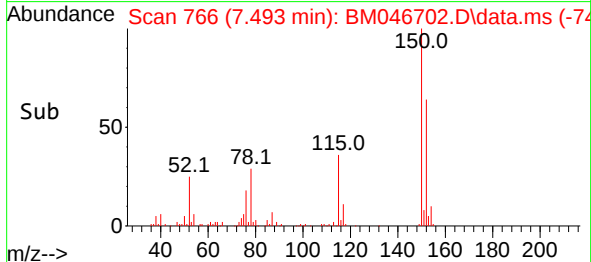
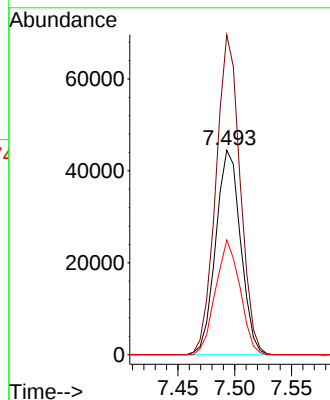
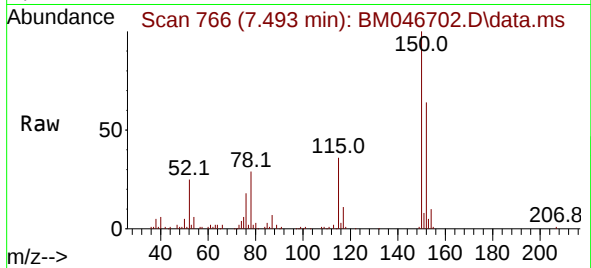




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.493 min Scan# 70
Delta R.T. 0.006 min
Lab File: BM046702.D
Acq: 18 Jul 2024 14:35

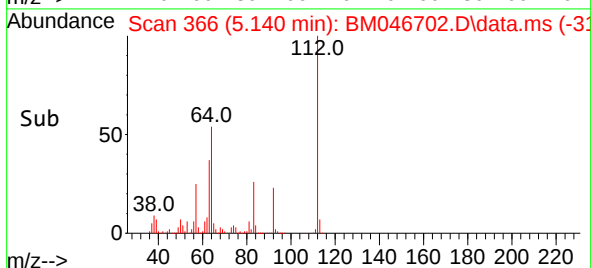
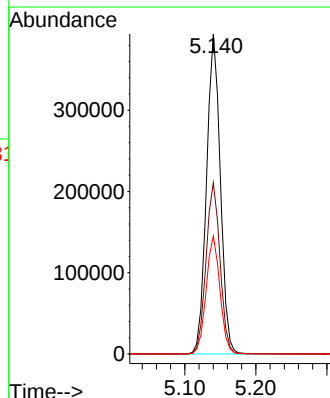
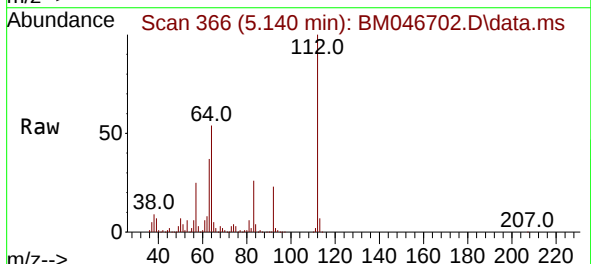
Instrument :
BNA_M
ClientSampleId :
PB162084BL

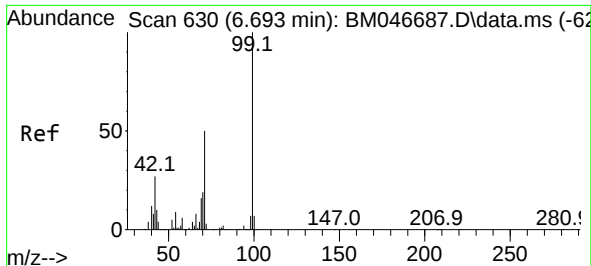
Tgt Ion:152 Resp: 67811
Ion Ratio Lower Upper
152 100
150 156.4 127.3 190.9
115 56.1 46.5 69.7



#5
2-Fluorophenol
Concen: 159.595 ng
RT: 5.140 min Scan# 366
Delta R.T. 0.006 min
Lab File: BM046702.D
Acq: 18 Jul 2024 14:35

Tgt Ion:112 Resp: 532815
Ion Ratio Lower Upper
112 100
64 53.5 43.5 65.3
63 36.9 28.6 42.8

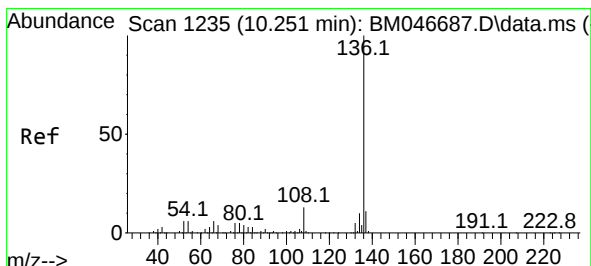
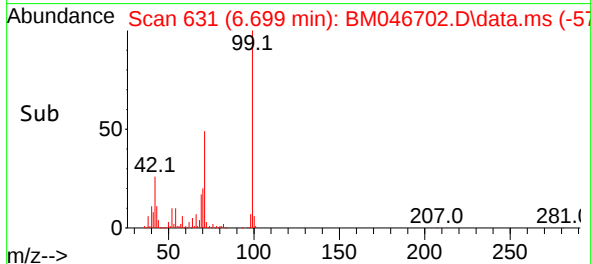
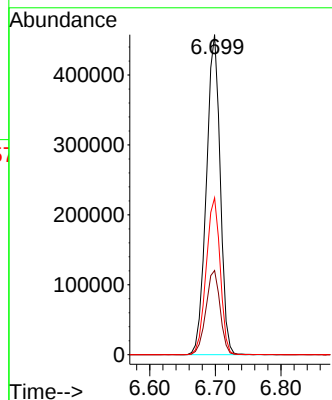
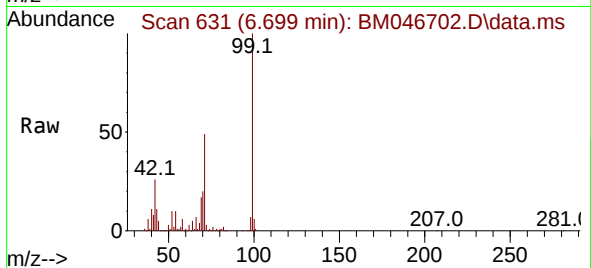




#7
Phenol-d6
Concen: 158.244 ng
RT: 6.699 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM046702.D
Acq: 18 Jul 2024 14:35

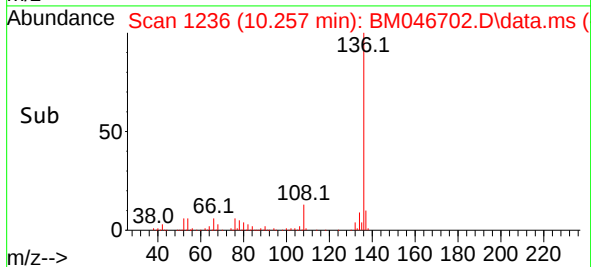
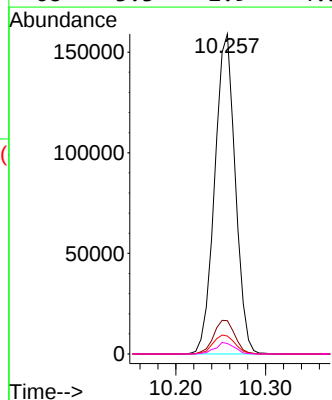
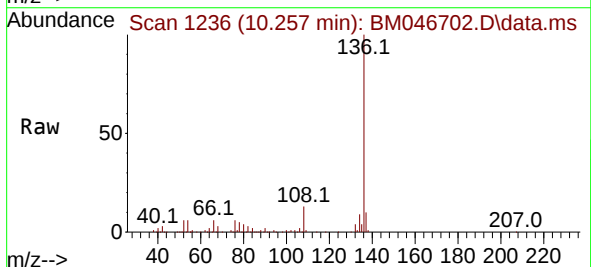
Instrument :
BNA_M
ClientSampleId :
PB162084BL

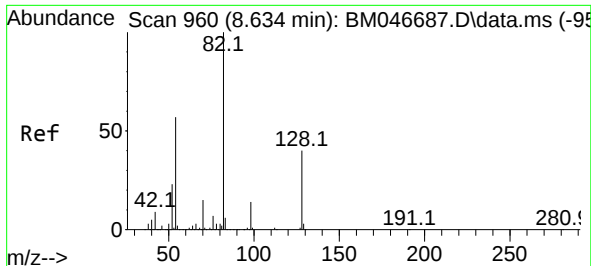
Tgt Ion: 99 Resp: 672721
Ion Ratio Lower Upper
99 100
42 26.3 21.4 32.0
71 49.0 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.257 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BM046702.D
Acq: 18 Jul 2024 14:35

Tgt Ion: 136 Resp: 252918
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 5.6 5.1 7.7
68 3.3 2.9 4.3

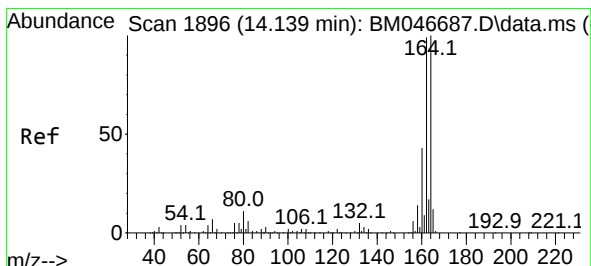
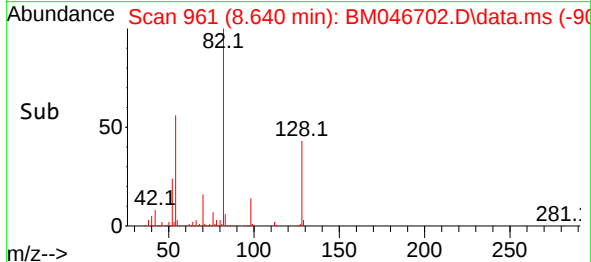
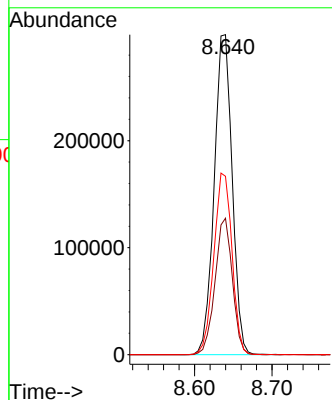
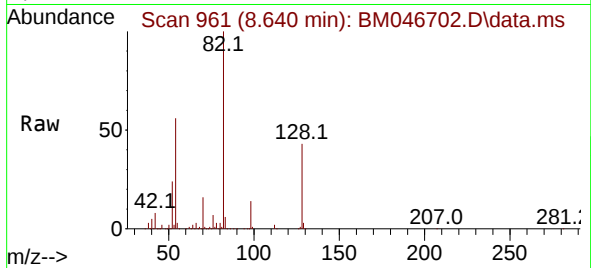




#23
Nitrobenzene-d5
Concen: 99.030 ng
RT: 8.640 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM046702.D
Acq: 18 Jul 2024 14:35

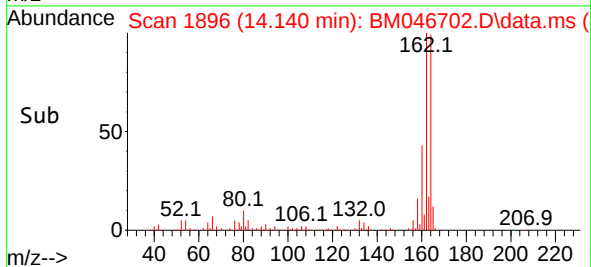
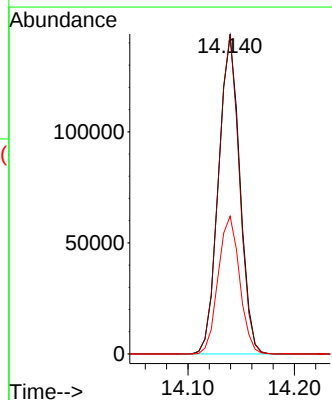
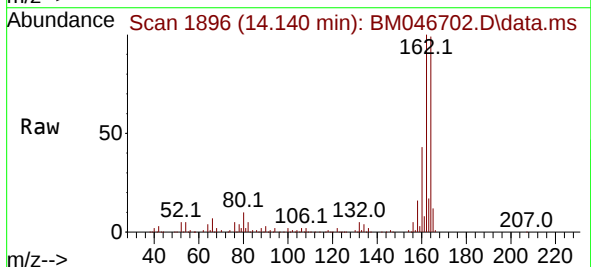
Instrument :
BNA_M
ClientSampleId :
PB162084BL

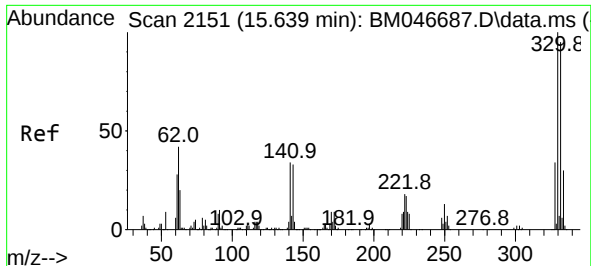
Tgt Ion: 82 Resp: 482406
Ion Ratio Lower Upper
82 100
128 42.7 32.0 48.0
54 55.7 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.140 min Scan# 1896
Delta R.T. 0.001 min
Lab File: BM046702.D
Acq: 18 Jul 2024 14:35

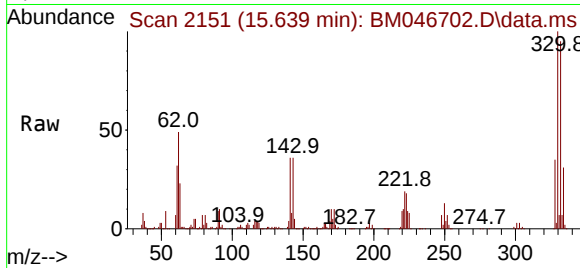
Tgt Ion: 164 Resp: 198418
Ion Ratio Lower Upper
164 100
162 100.8 79.0 118.6
160 43.4 34.6 51.8



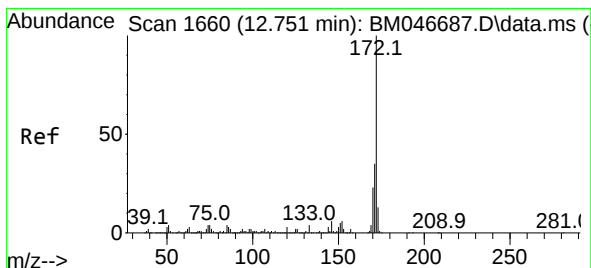
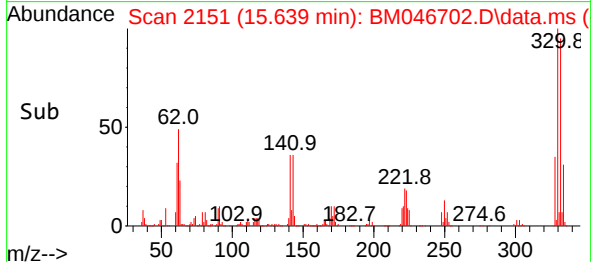
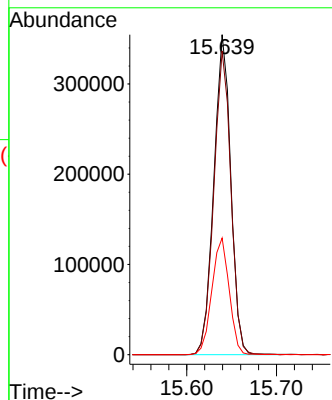


#42
2,4,6-Tribromophenol
Concen: 151.240 ng
RT: 15.639 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BM046702.D
Acq: 18 Jul 2024 14:35

Instrument :
BNA_M
ClientSampleId :
PB162084BL

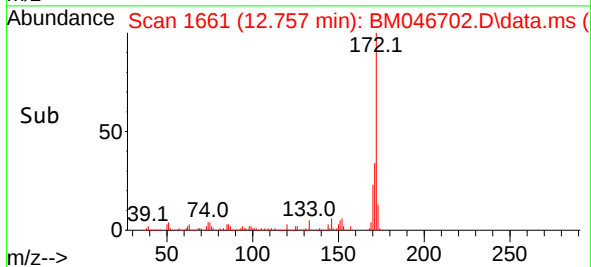
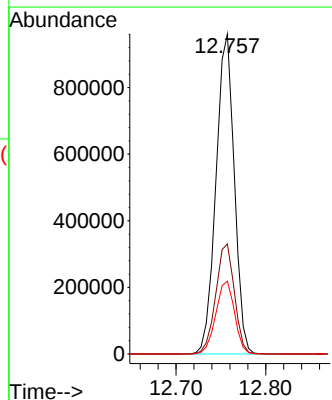
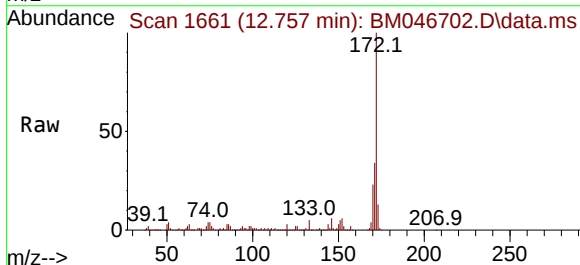


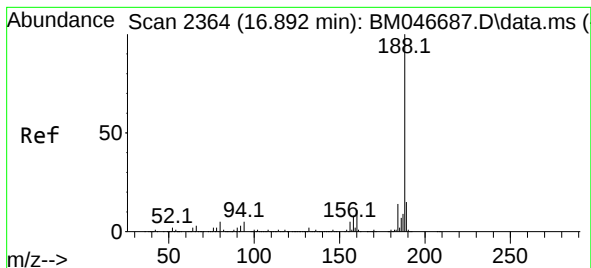
Tgt Ion:330 Resp: 465462
Ion Ratio Lower Upper
330 100
332 95.5 75.5 113.3
141 37.2 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 96.864 ng
RT: 12.757 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BM046702.D
Acq: 18 Jul 2024 14:35

Tgt Ion:172 Resp: 1360649
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.7 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.892 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046702.D

Acq: 18 Jul 2024 14:35

Instrument :

BNA_M

ClientSampleId :

PB162084BL

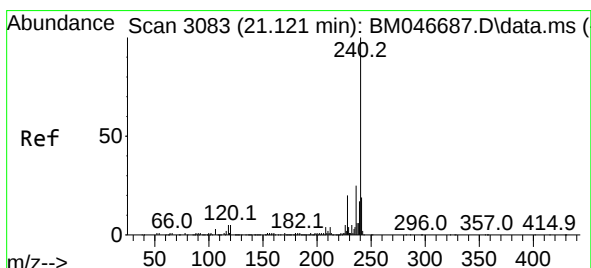
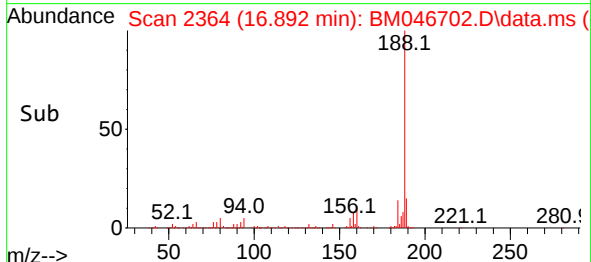
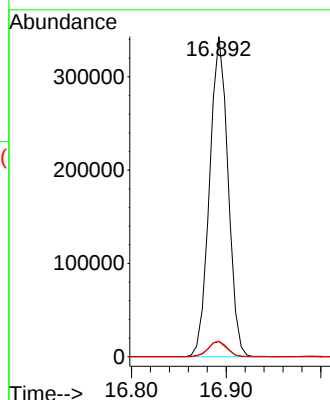
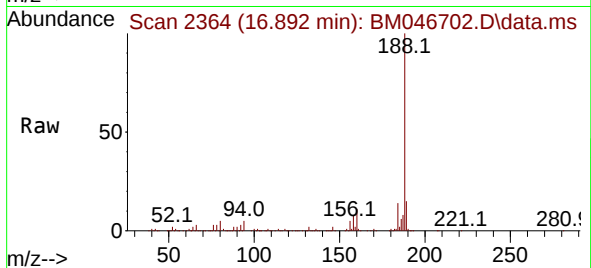
Tgt Ion:188 Resp: 463676

Ion Ratio Lower Upper

188 100

94 4.7 3.8 5.6

80 4.9 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.121 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM046702.D

Acq: 18 Jul 2024 14:35

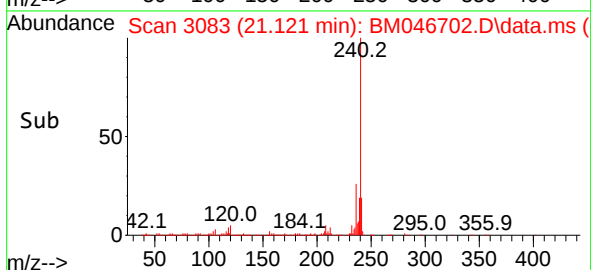
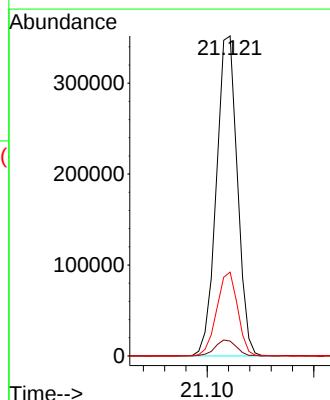
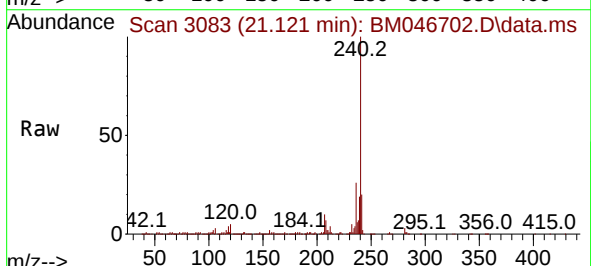
Tgt Ion:240 Resp: 480336

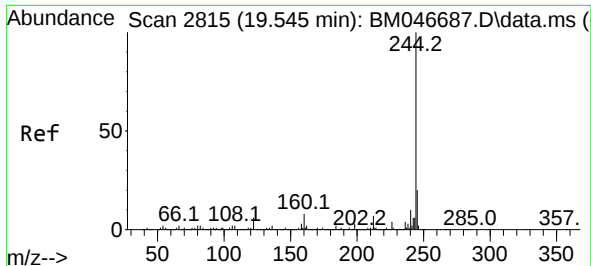
Ion Ratio Lower Upper

240 100

120 4.6 3.9 5.9

236 26.2 20.2 30.2

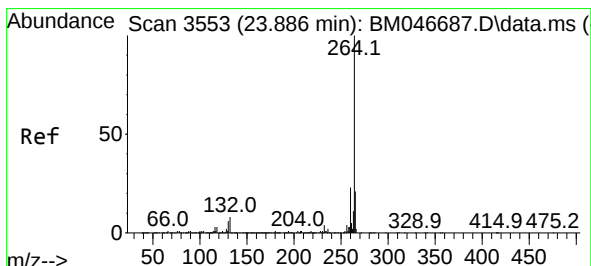
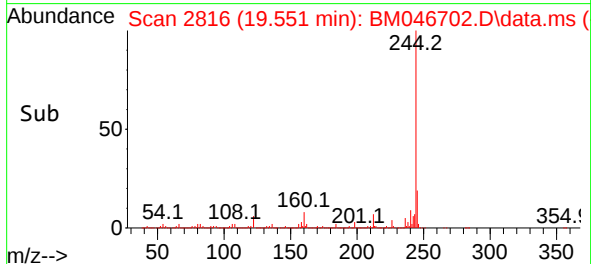
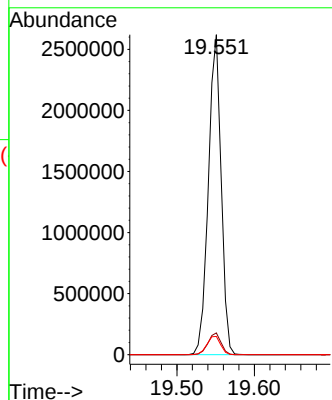
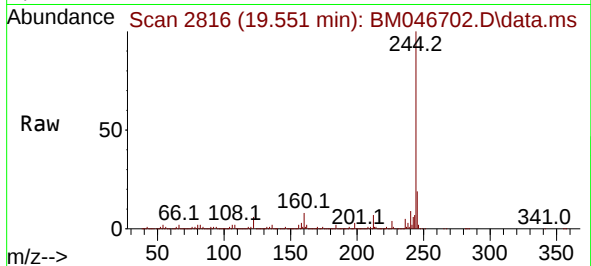




#79
 Terphenyl-d14
 Concen: 112.467 ng
 RT: 19.551 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM046702.D
 Acq: 18 Jul 2024 14:35

Instrument :
 BNA_M
 ClientSampleId :
 PB162084BL

Tgt Ion:244 Resp: 2987275
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 5.7 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.886 min Scan# 3553
 Delta R.T. 0.000 min
 Lab File: BM046702.D
 Acq: 18 Jul 2024 14:35

Tgt Ion:264 Resp: 559550
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.1 27.1
 265 22.7 16.9 25.3

