

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047152.D
 Acq On : 12 Aug 2024 11:22
 Operator : RC/JU
 Sample : PB162520BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162520BL

Quant Time: Aug 12 12:05:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	224656	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	856520	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	555199	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1169777	20.000	ng	0.00
76) Chrysene-d12	21.027	240	971602	20.000	ng	0.00
86) Perylene-d12	23.721	264	1088063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.028	112	1733060	137.842	ng	0.00
7) Phenol-d6	6.587	99	2281499	131.694	ng	0.00
23) Nitrobenzene-d5	8.516	82	1477007	86.831	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	850103	132.052	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3088156	85.799	ng	0.00
79) Terphenyl-d14	19.456	244	4695356	103.551	ng	0.00

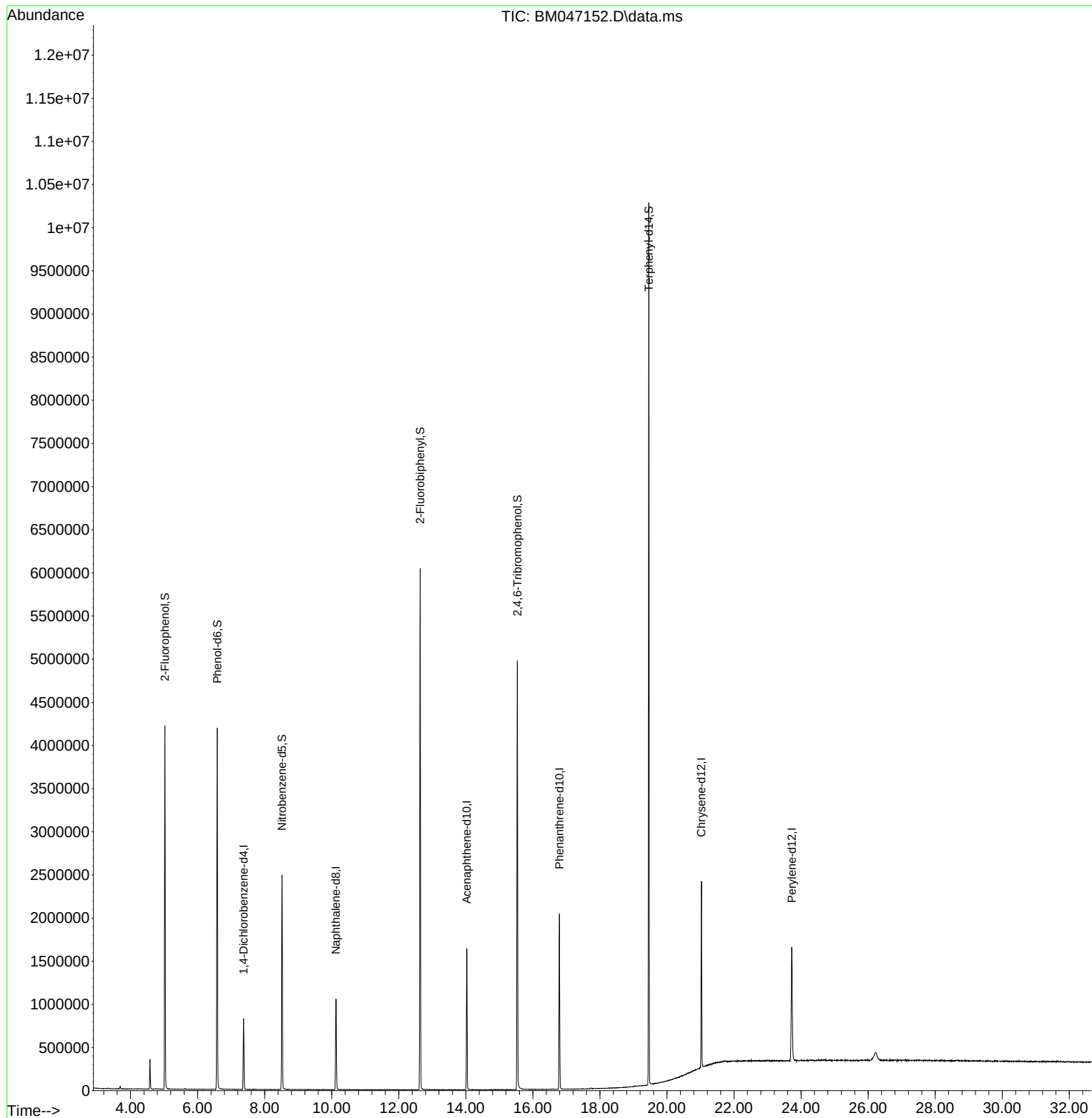
Target Compounds	Qvalue

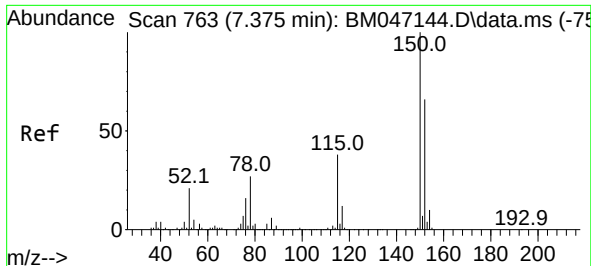
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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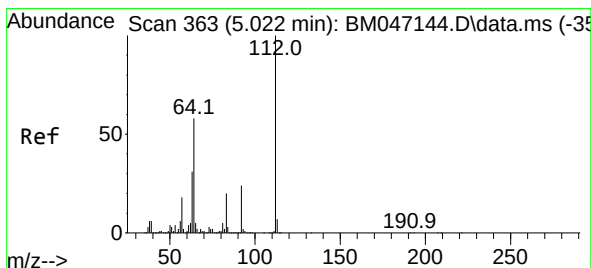
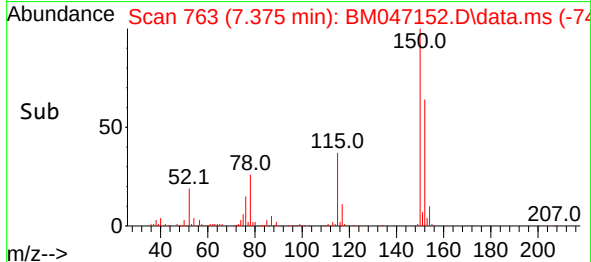
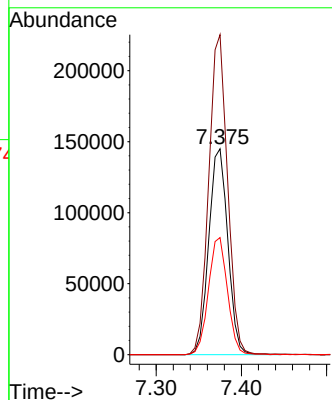
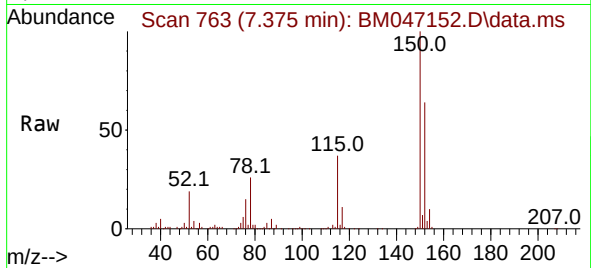




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.000 min
Lab File: BM047152.D
Acq: 12 Aug 2024 11:22

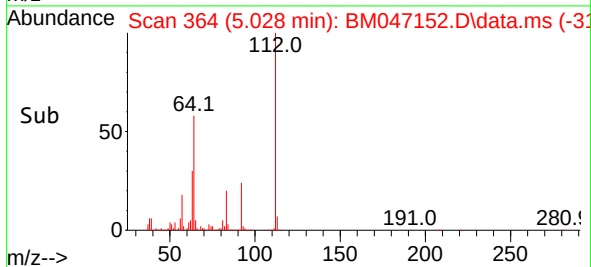
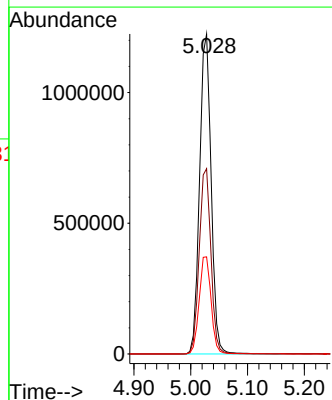
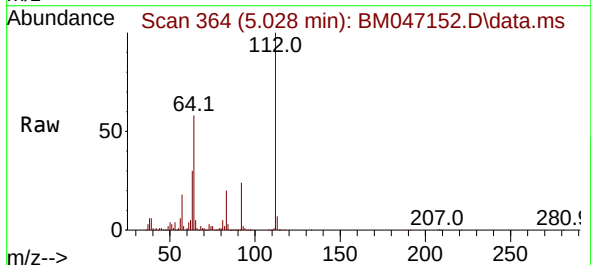
Instrument :
BNA_M
ClientSampleId :
PB162520BL

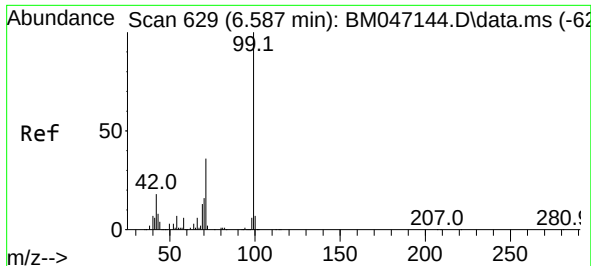
Tgt Ion:152 Resp: 224656
Ion Ratio Lower Upper
152 100
150 155.5 120.5 180.7
115 56.9 45.5 68.3



#5
2-Fluorophenol
Concen: 137.842 ng
RT: 5.028 min Scan# 364
Delta R.T. 0.006 min
Lab File: BM047152.D
Acq: 12 Aug 2024 11:22

Tgt Ion:112 Resp: 1733060
Ion Ratio Lower Upper
112 100
64 57.9 46.7 70.1
63 30.3 24.8 37.2

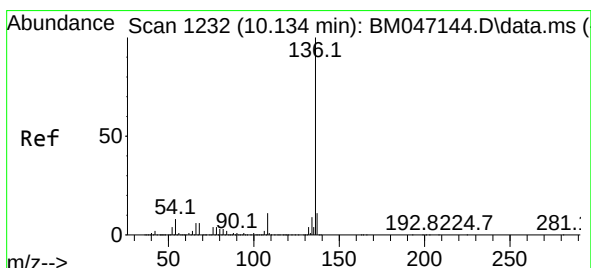
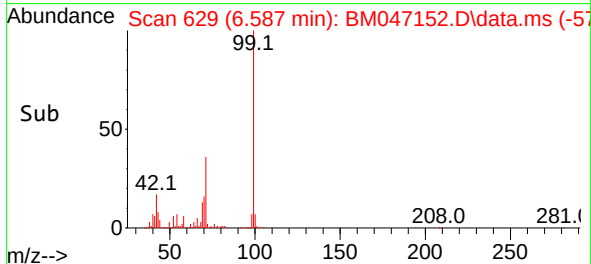
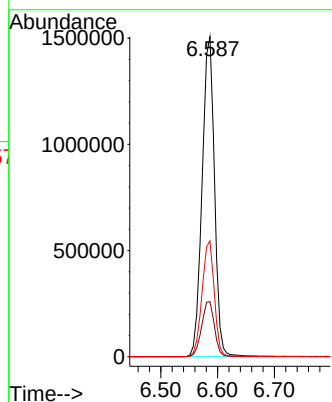
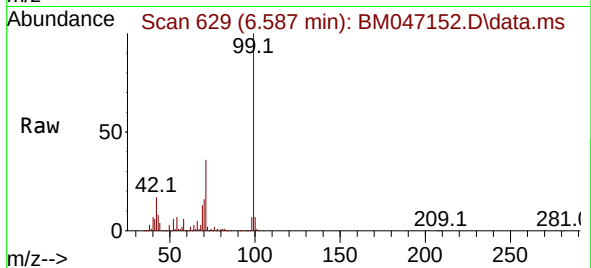




#7
Phenol-d6
Concen: 131.694 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047152.D
Acq: 12 Aug 2024 11:22

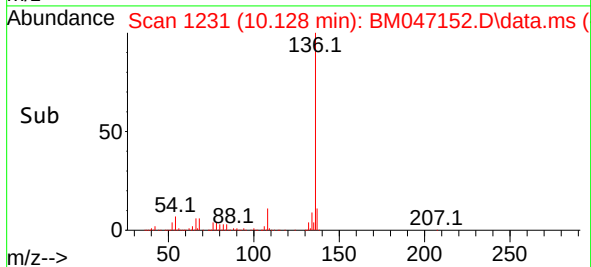
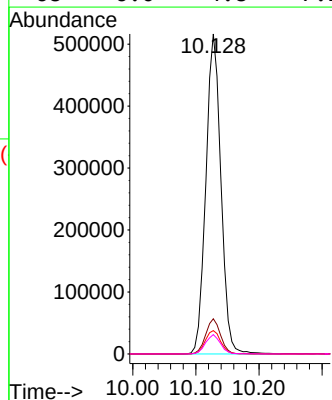
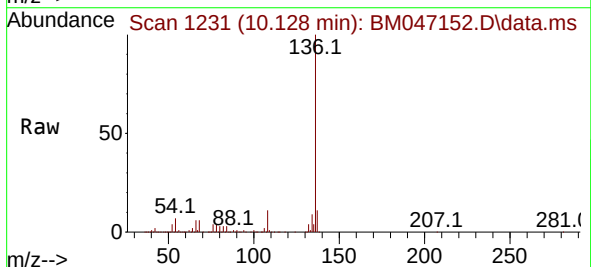
Instrument :
BNA_M
ClientSampleId :
PB162520BL

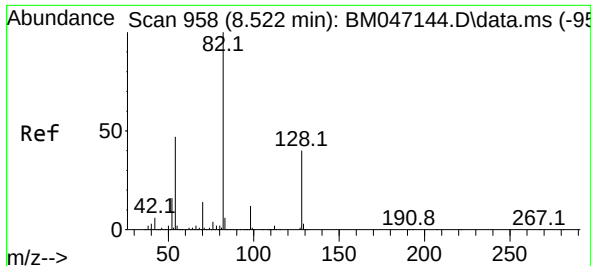
Tgt Ion: 99 Resp: 2281499
Ion Ratio Lower Upper
99 100
42 17.2 14.1 21.1
71 36.1 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM047152.D
Acq: 12 Aug 2024 11:22

Tgt Ion: 136 Resp: 856520
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 6.0 9.0
68 6.0 4.8 7.2

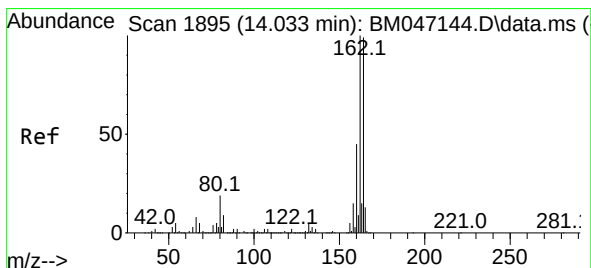
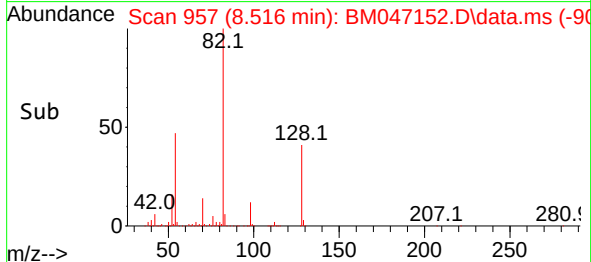
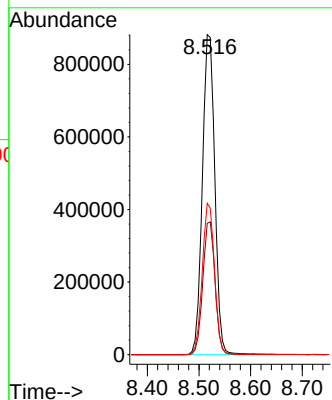
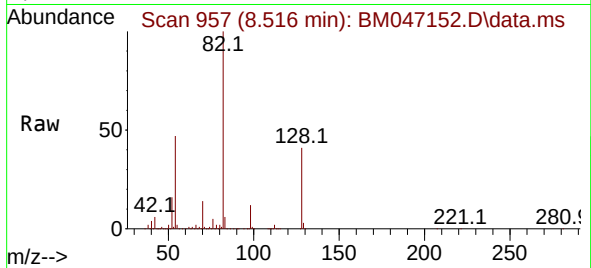




#23
Nitrobenzene-d5
Concen: 86.831 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047152.D
Acq: 12 Aug 2024 11:22

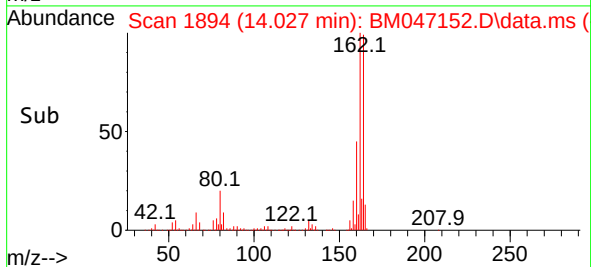
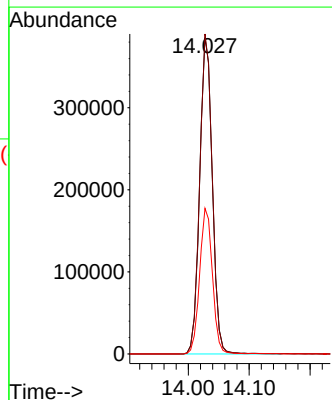
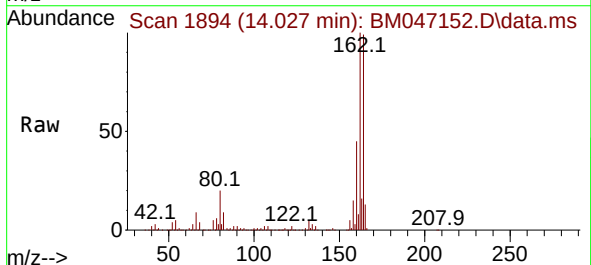
Instrument :
BNA_M
ClientSampleId :
PB162520BL

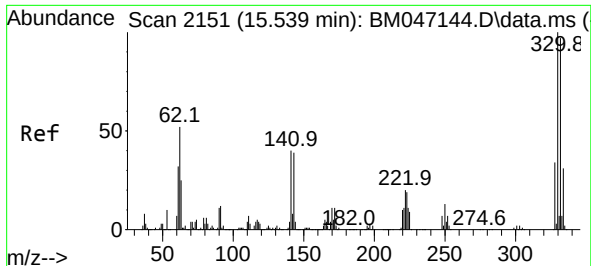
Tgt Ion: 82 Resp: 1477007
Ion Ratio Lower Upper
82 100
128 41.1 32.3 48.5
54 47.3 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047152.D
Acq: 12 Aug 2024 11:22

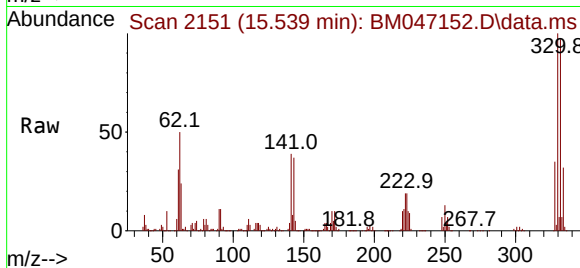
Tgt Ion:164 Resp: 555199
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 46.0 36.0 54.0



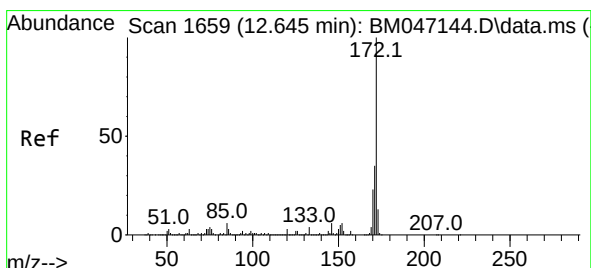
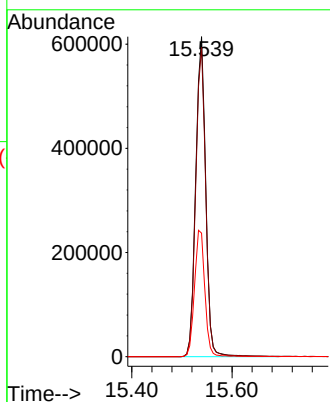
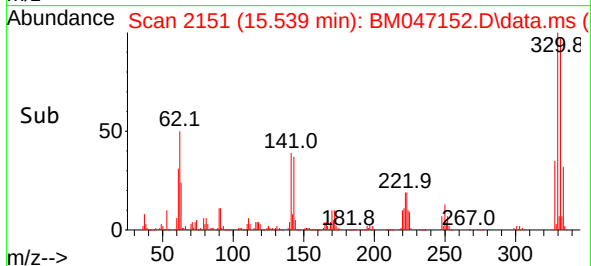


#42
2,4,6-Tribromophenol
Concen: 132.052 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047152.D
Acq: 12 Aug 2024 11:22

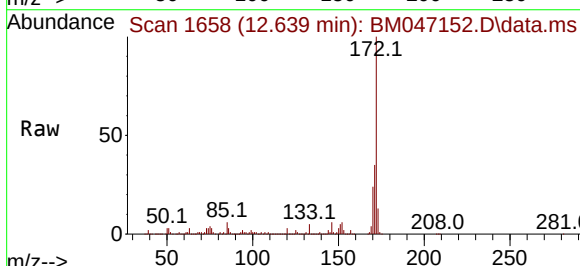
Instrument :
BNA_M
ClientSampleId :
PB162520BL



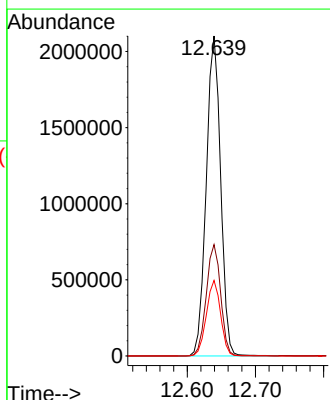
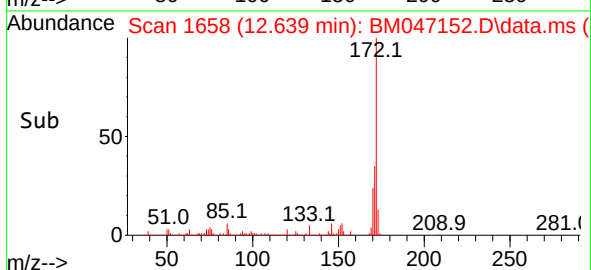
Tgt Ion:330 Resp: 850103
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 40.9 31.6 47.4

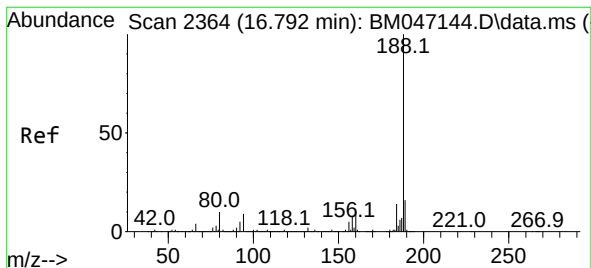


#45
2-Fluorobiphenyl
Concen: 85.799 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047152.D
Acq: 12 Aug 2024 11:22



Tgt Ion:172 Resp: 3088156
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047152.D

Acq: 12 Aug 2024 11:22

Instrument :

BNA_M

ClientSampleId :

PB162520BL

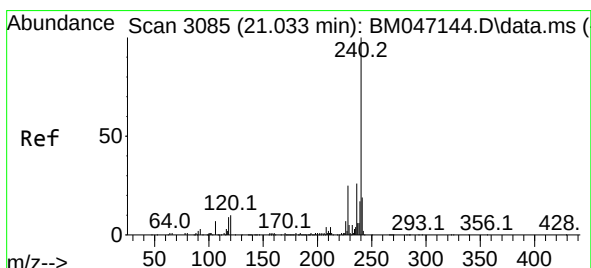
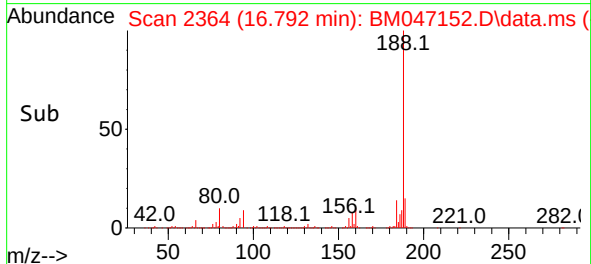
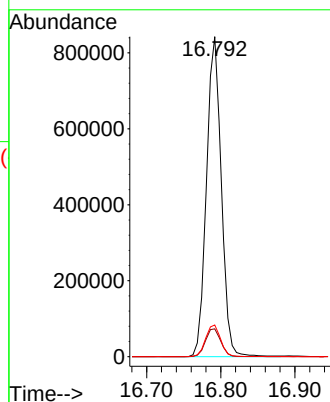
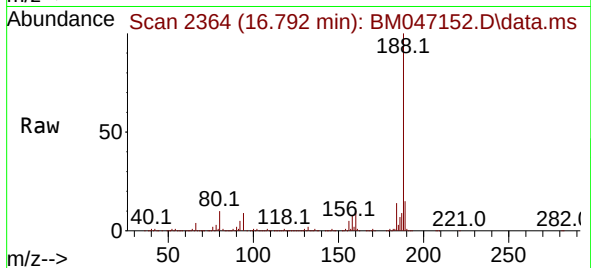
Tgt Ion:188 Resp: 1169777

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.9 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047152.D

Acq: 12 Aug 2024 11:22

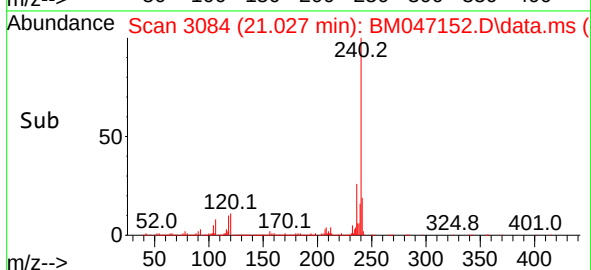
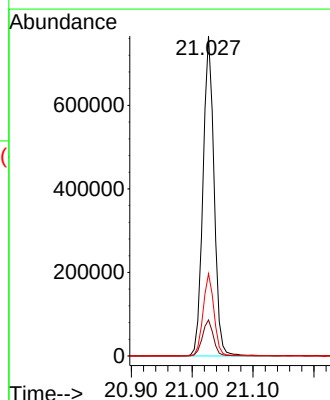
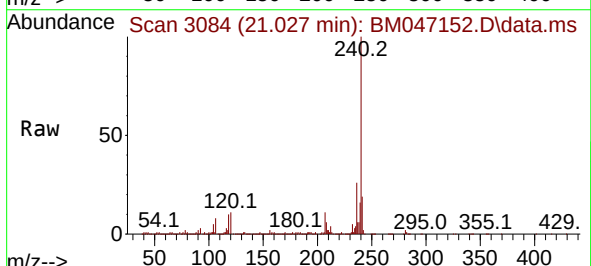
Tgt Ion:240 Resp: 971602

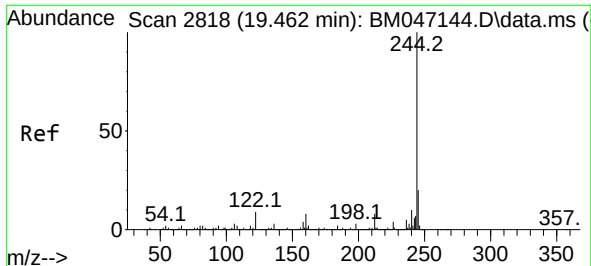
Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.2

236 25.7 20.6 30.8

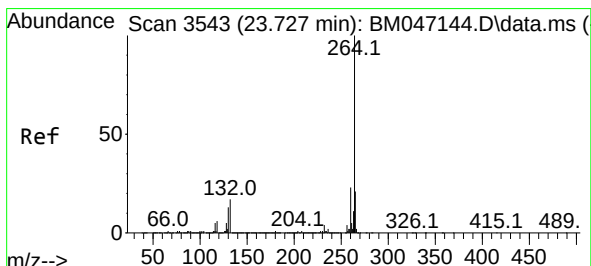
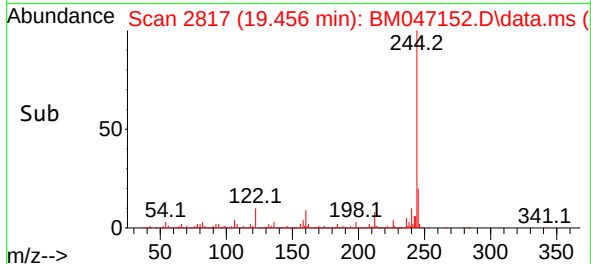
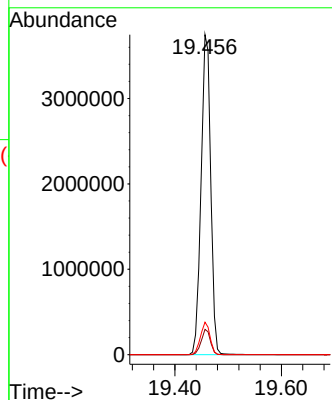
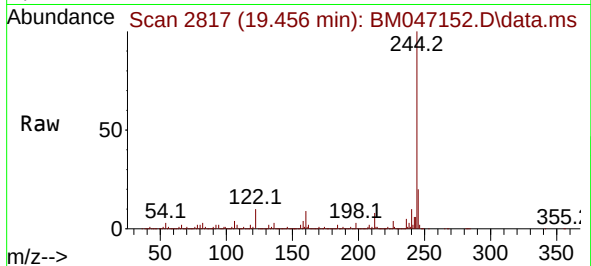




#79
 Terphenyl-d14
 Concen: 103.551 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047152.D
 Acq: 12 Aug 2024 11:22

Instrument :
 BNA_M
 ClientSampleId :
 PB162520BL

Tgt Ion:244 Resp: 4695356
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3542
 Delta R.T. -0.006 min
 Lab File: BM047152.D
 Acq: 12 Aug 2024 11:22

Tgt Ion:264 Resp: 1088063
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 22.2 17.3 25.9

