

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047153.D
 Acq On : 12 Aug 2024 12:02
 Operator : RC/JU
 Sample : PB162517BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162517BL

Quant Time: Aug 12 12:47:36 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)

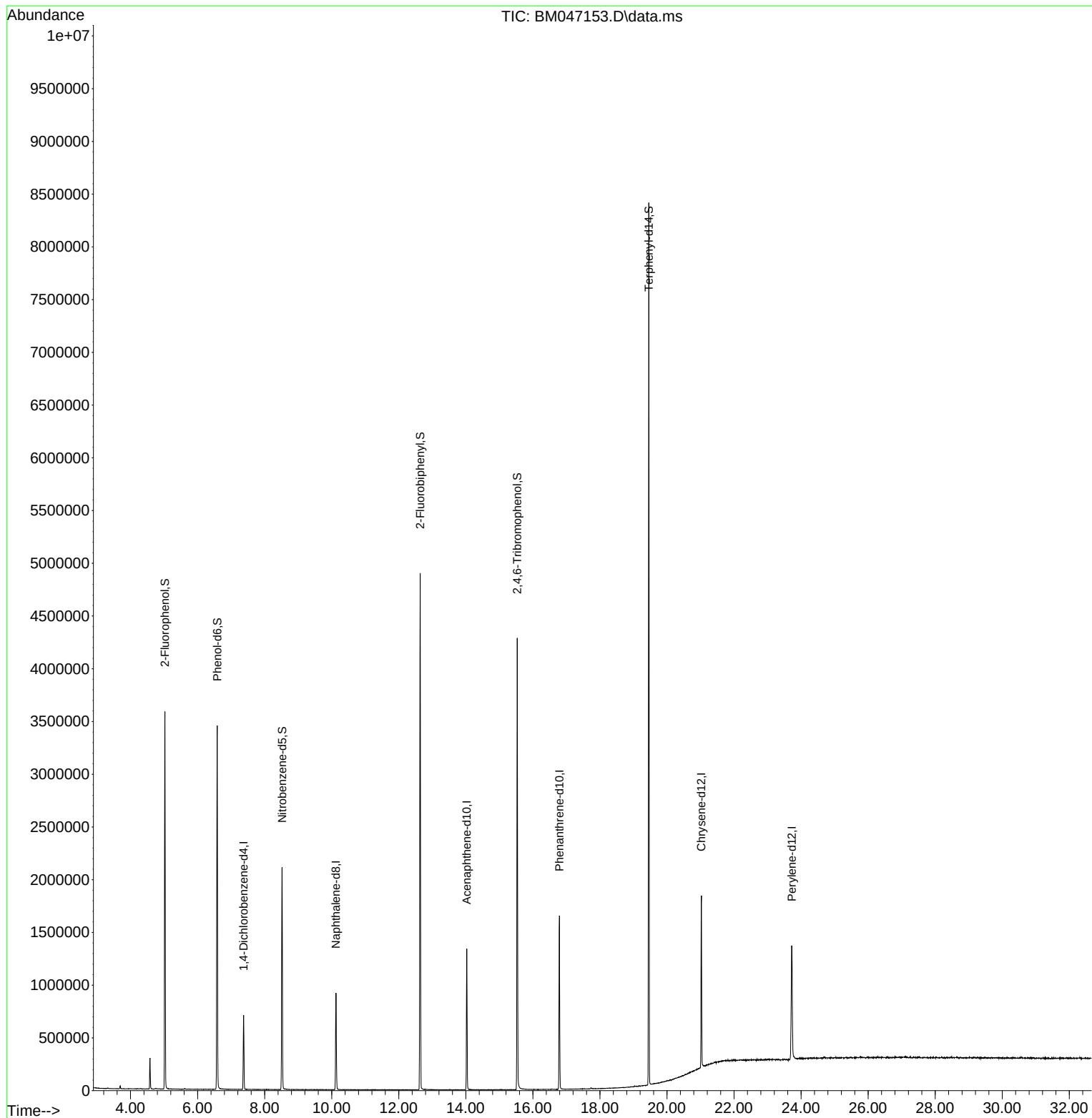
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	183374	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	712054	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	444104	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	926207	20.000	ng	0.00
76) Chrysene-d12	21.027	240	778858	20.000	ng	0.00
86) Perylene-d12	23.721	264	918391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.028	112	1451378	141.426	ng	0.00
7) Phenol-d6	6.587	99	1895434	134.040	ng	0.00
23) Nitrobenzene-d5	8.522	82	1242181	87.841	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	667709	129.666	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	2441972	84.818	ng	0.00
79) Terphenyl-d14	19.456	244	3709492	102.054	ng	0.00
Target Compounds						
9) Benzaldehyde	6.528	77	220	Below Cal	Qvalue #	3

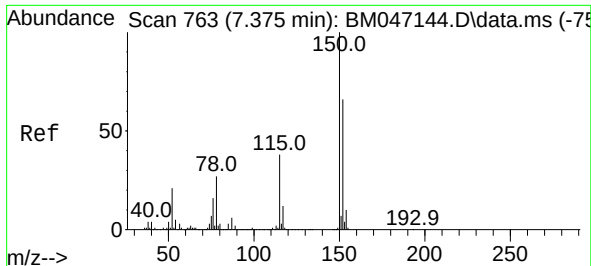
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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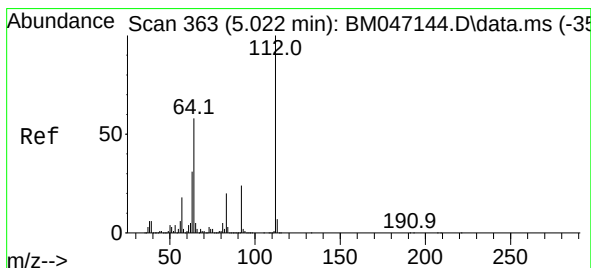
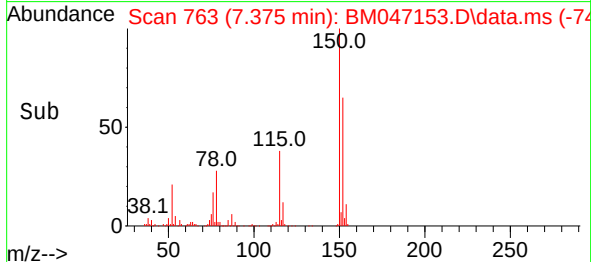
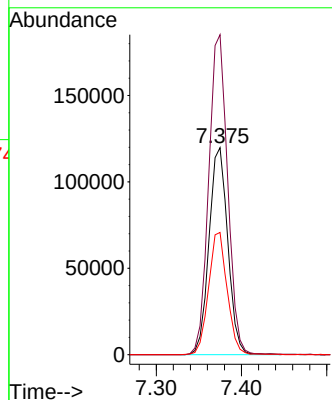
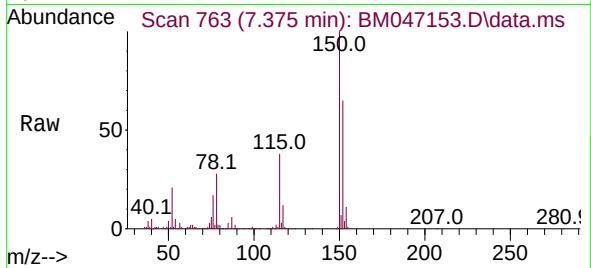




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.000 min
Lab File: BM047153.D
Acq: 12 Aug 2024 12:02

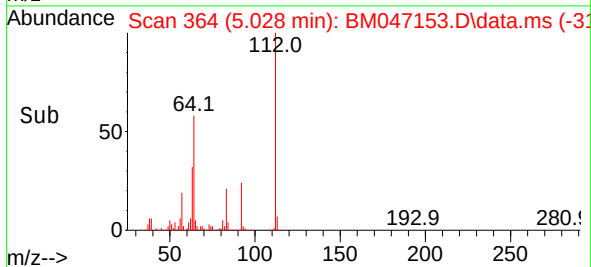
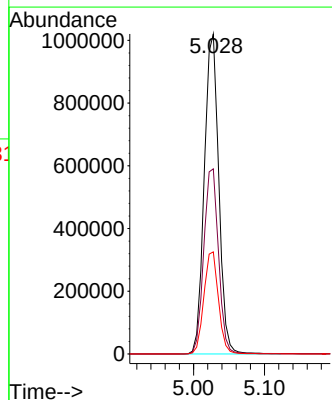
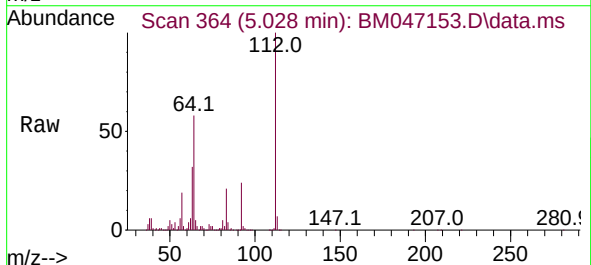
Instrument :
BNA_M
ClientSampleId :
PB162517BL

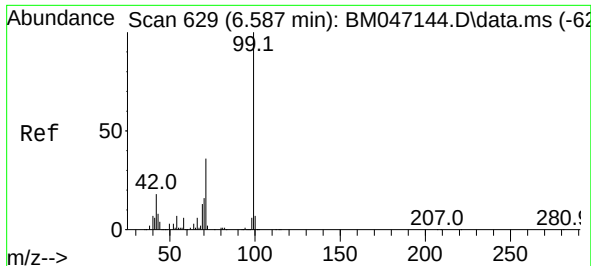
Tgt Ion:152 Resp: 183374
Ion Ratio Lower Upper
152 100
150 154.5 120.5 180.7
115 59.0 45.5 68.3



#5
2-Fluorophenol
Concen: 141.426 ng
RT: 5.028 min Scan# 364
Delta R.T. 0.006 min
Lab File: BM047153.D
Acq: 12 Aug 2024 12:02

Tgt Ion:112 Resp: 1451378
Ion Ratio Lower Upper
112 100
64 57.9 46.7 70.1
63 31.9 24.8 37.2



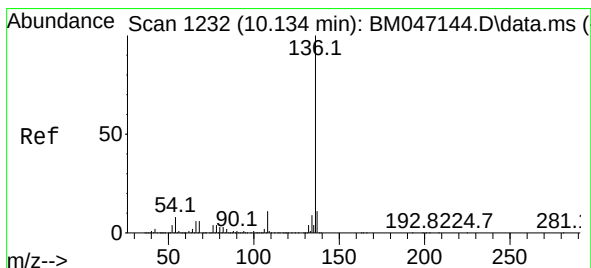
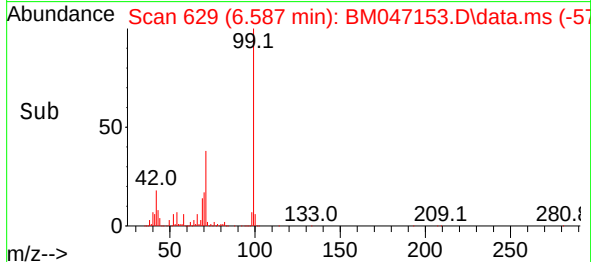
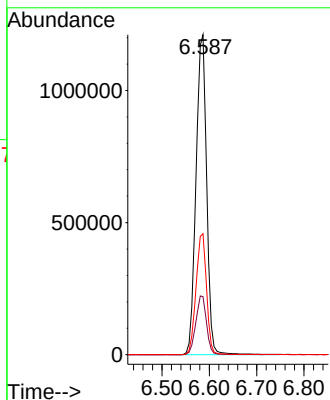
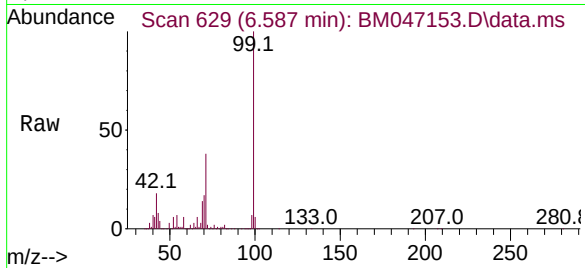


#7
Phenol-d6
Concen: 134.040 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047153.D
Acq: 12 Aug 2024 12:02

Instrument :
BNA_M
ClientSampleId :
PB162517BL

Tgt Ion: 99 Resp: 1895434

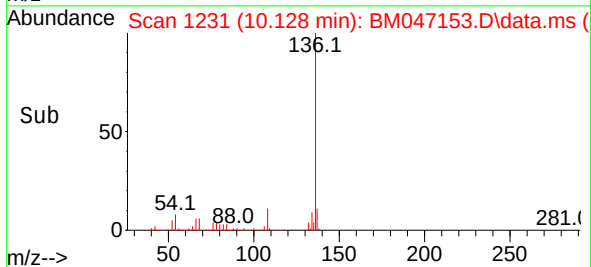
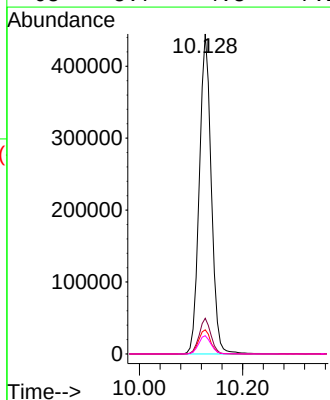
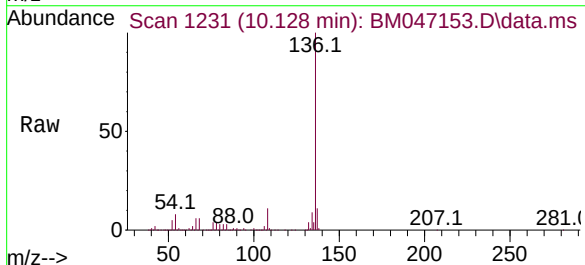
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	37.8	28.5	42.7

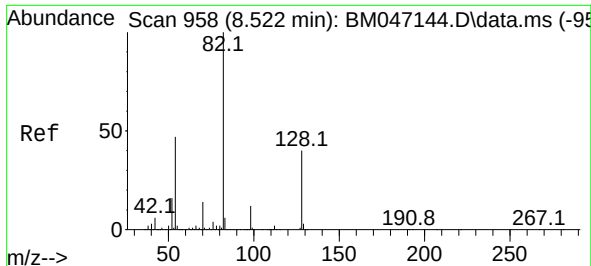


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM047153.D
Acq: 12 Aug 2024 12:02

Tgt Ion: 136 Resp: 712054

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	6.0	9.0
68	5.7	4.8	7.2

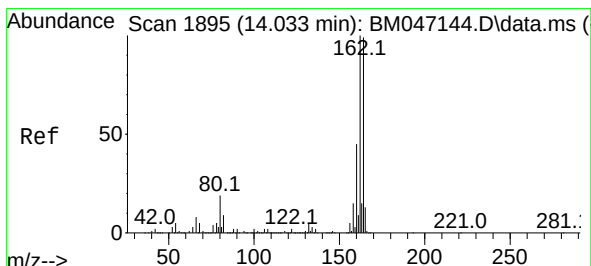
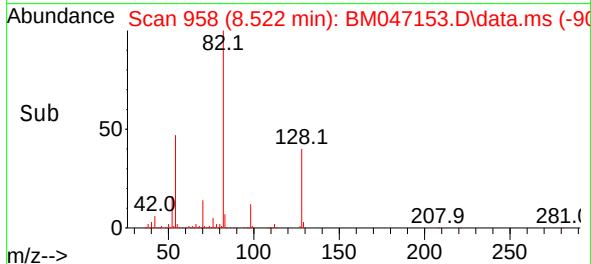
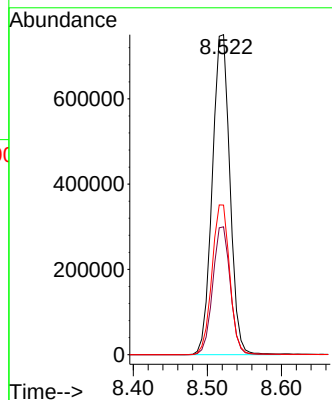
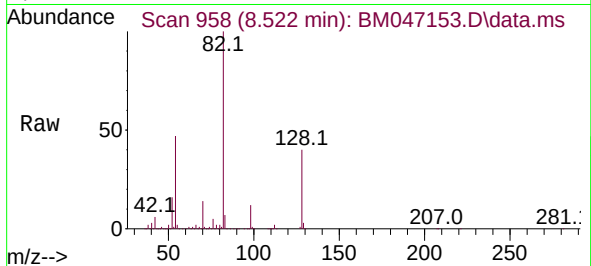




#23
Nitrobenzene-d5
Concen: 87.841 ng
RT: 8.522 min Scan# 958
Delta R.T. -0.000 min
Lab File: BM047153.D
Acq: 12 Aug 2024 12:02

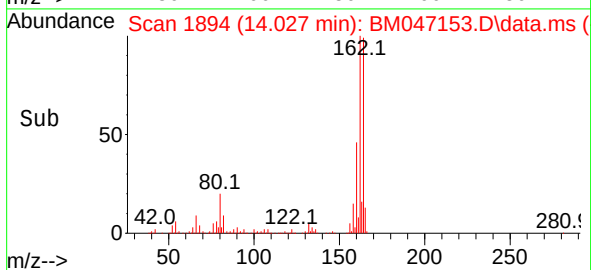
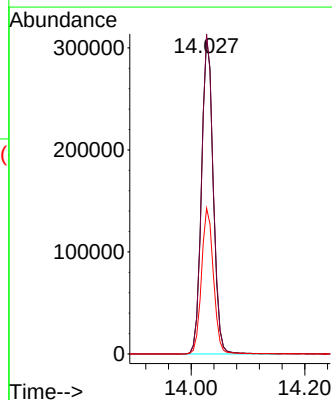
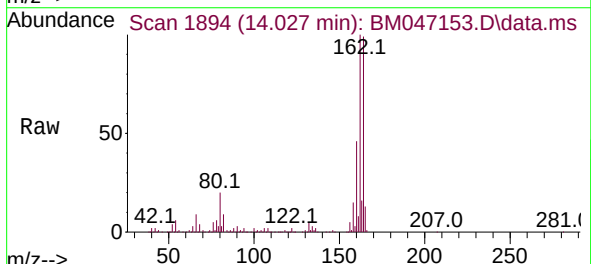
Instrument :
BNA_M
ClientSampleId :
PB162517BL

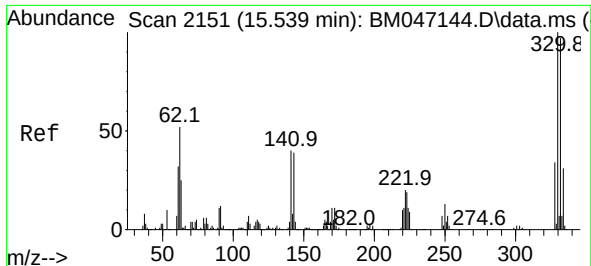
Tgt Ion: 82 Resp: 1242181
Ion Ratio Lower Upper
82 100
128 39.9 32.3 48.5
54 46.7 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047153.D
Acq: 12 Aug 2024 12:02

Tgt Ion: 164 Resp: 444104
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 46.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 129.666 ng

RT: 15.533 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BM047153.D

Acq: 12 Aug 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB162517BL

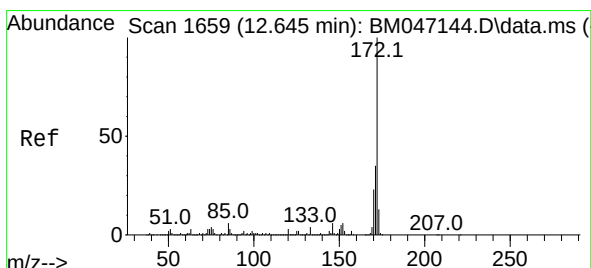
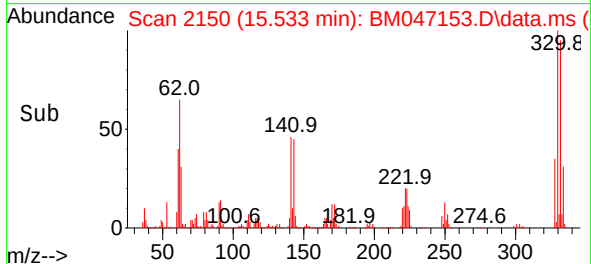
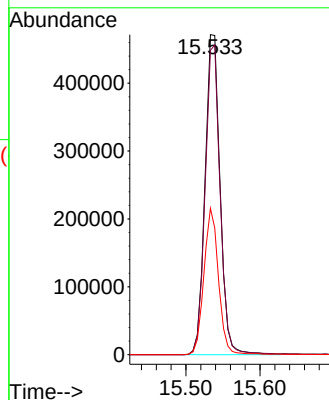
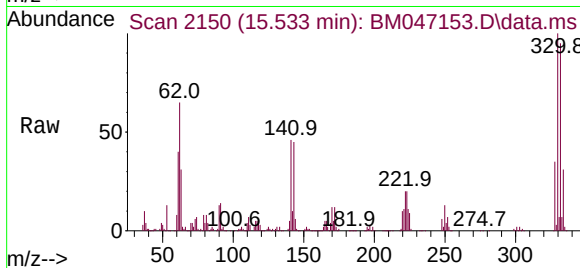
Tgt Ion:330 Resp: 667709

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 44.2 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 84.818 ng

RT: 12.639 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BM047153.D

Acq: 12 Aug 2024 12:02

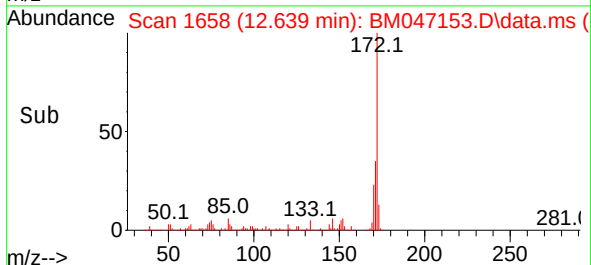
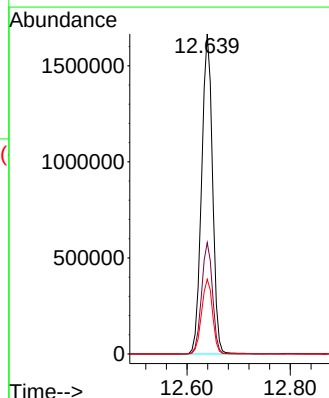
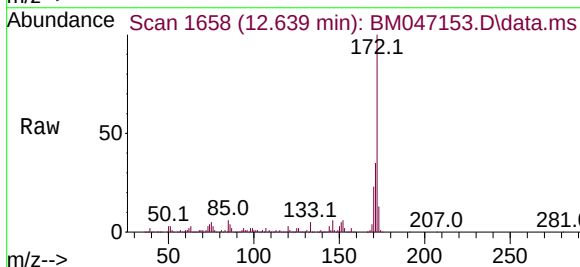
Tgt Ion:172 Resp: 2441972

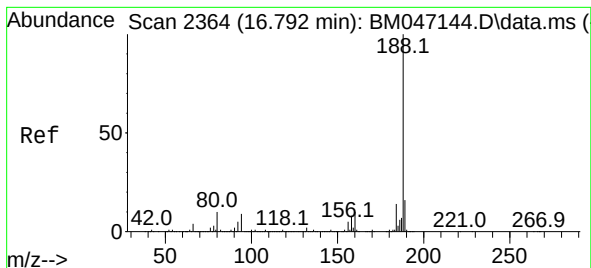
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 2364

Delta R.T. -0.000 min

Lab File: BM047153.D

Acq: 12 Aug 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB162517BL

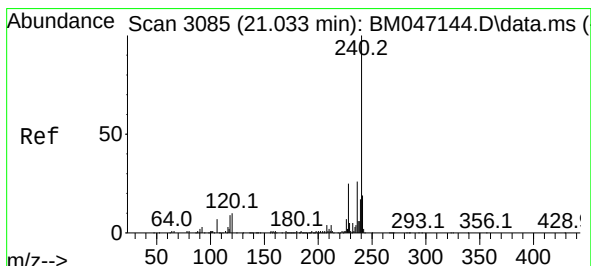
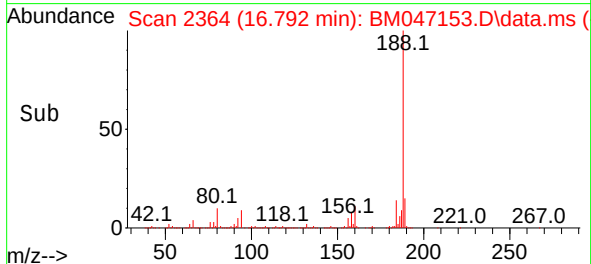
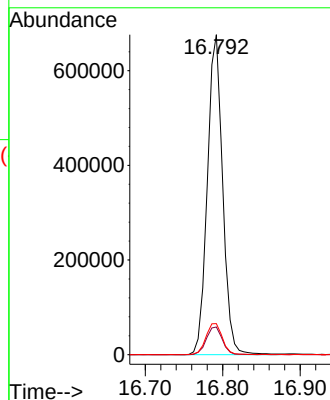
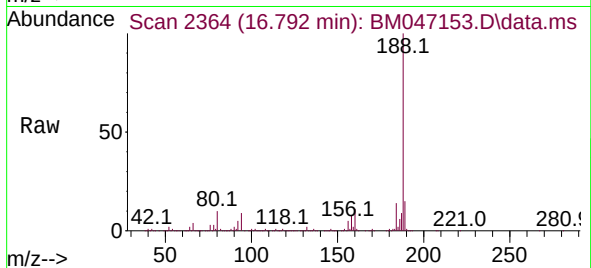
Tgt Ion:188 Resp: 926207

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.7 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: BM047153.D

Acq: 12 Aug 2024 12:02

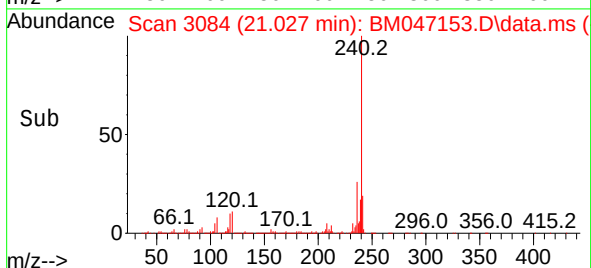
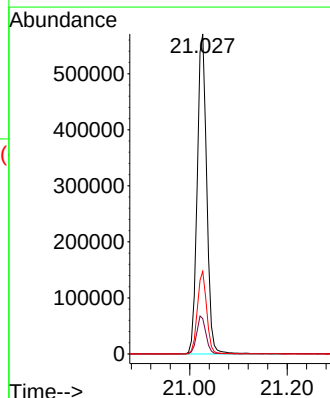
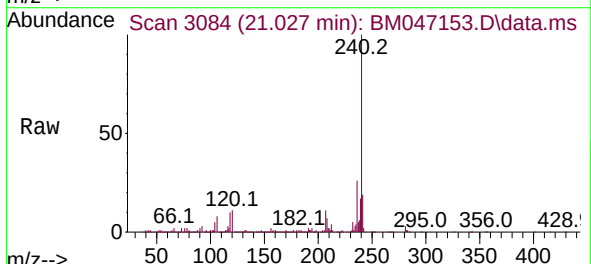
Tgt Ion:240 Resp: 778858

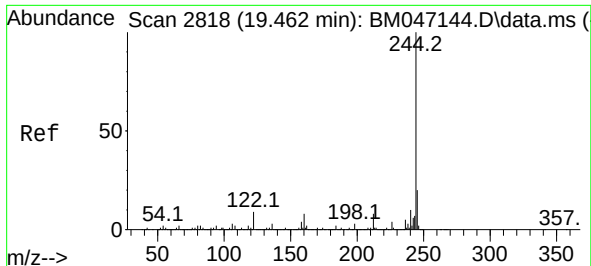
Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

236 25.8 20.6 30.8

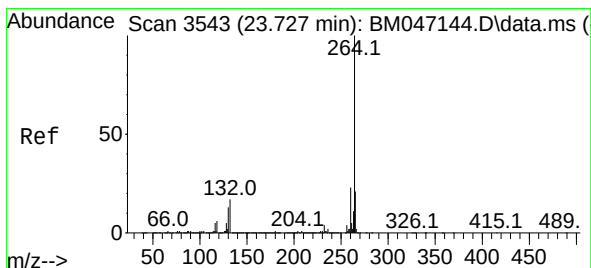
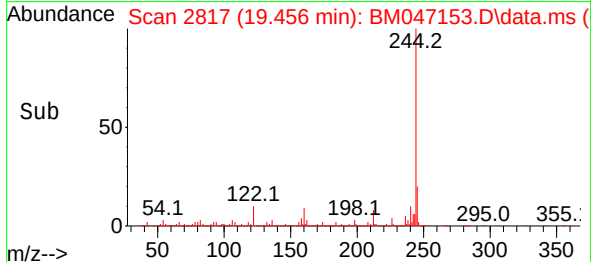
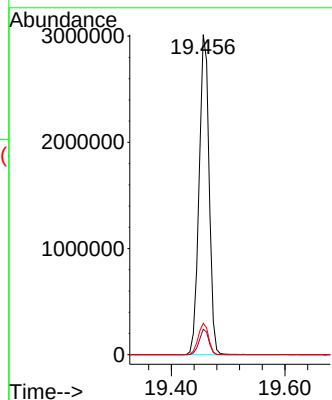
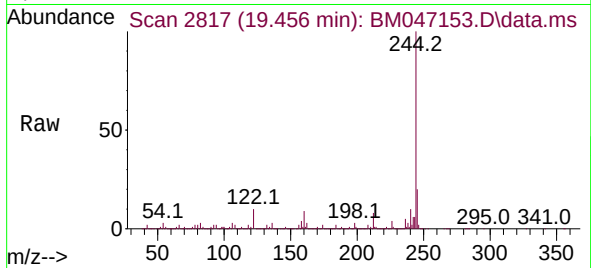




#79
 Terphenyl-d14
 Concen: 102.054 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047153.D
 Acq: 12 Aug 2024 12:02

Instrument :
 BNA_M
 ClientSampleId :
 PB162517BL

Tgt Ion:244 Resp: 3709492
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 9.8 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: BM047153.D
 Acq: 12 Aug 2024 12:02

Tgt Ion:264 Resp: 918391
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 22.1 17.3 25.9

