

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
 Data File : BM047168.D
 Acq On : 13 Aug 2024 09:29
 Operator : RC/JU
 Sample : PB162549BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162549BL

Quant Time: Aug 13 10:51:58 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)

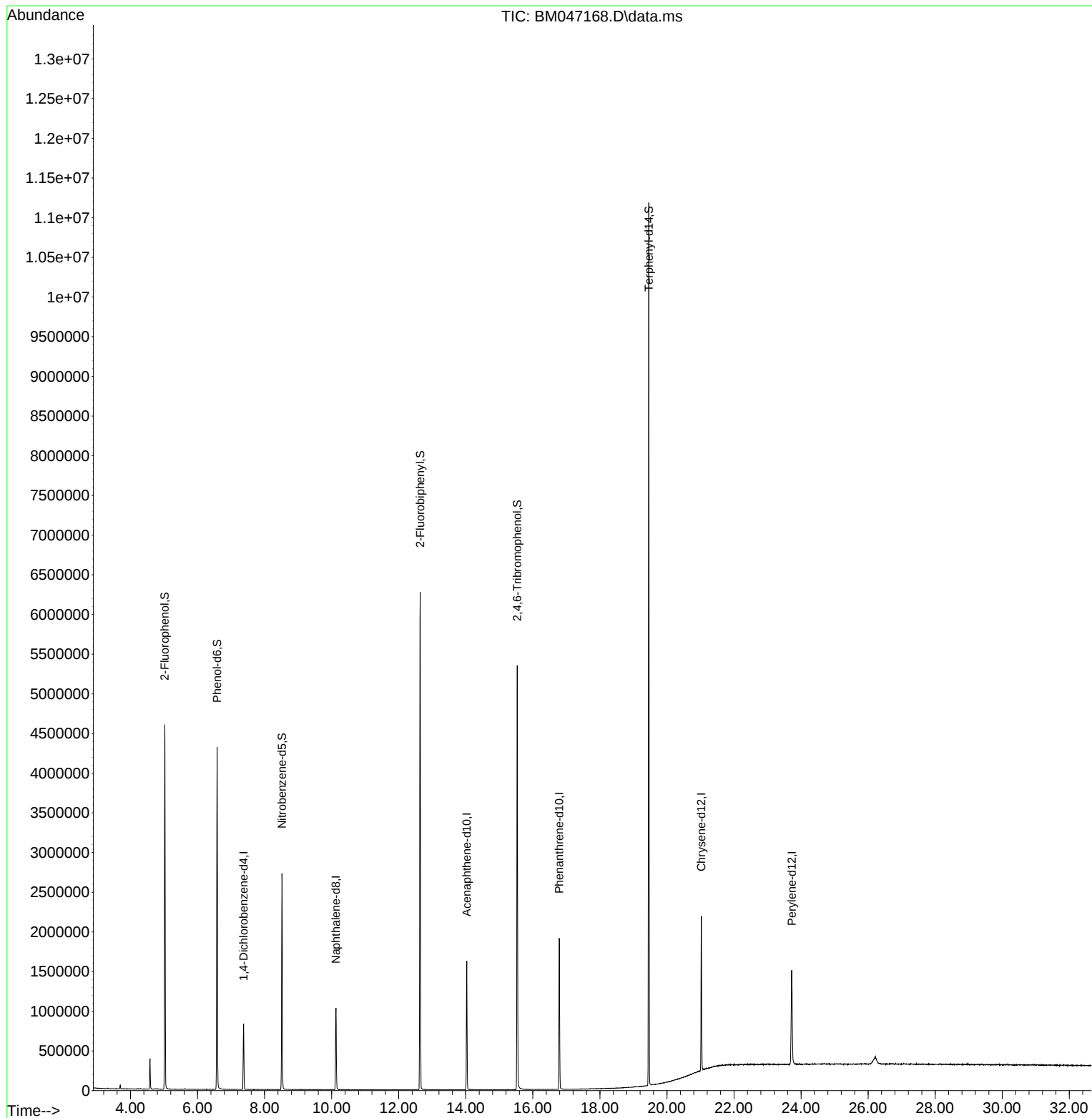
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	221837	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	827896	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	537882	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1130296	20.000	ng	0.00
76) Chrysene-d12	21.027	240	940749	20.000	ng	0.00
86) Perylene-d12	23.721	264	990210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1865491	150.261	ng	0.00
7) Phenol-d6	6.581	99	2397177	140.130	ng	0.00
23) Nitrobenzene-d5	8.516	82	1562489	95.032	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	890920	142.848	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3260272	93.497	ng	0.00
79) Terphenyl-d14	19.456	244	5058274	115.213	ng	0.00
Target Compounds						
9) Benzaldehyde	6.534	77	299	Below Cal	Qvalue #	23

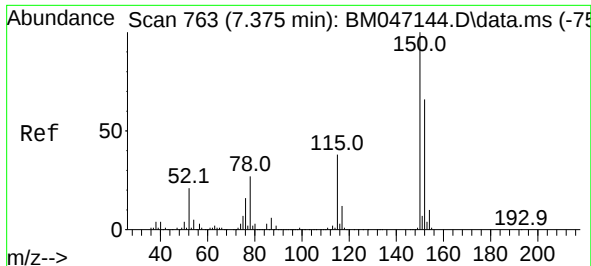
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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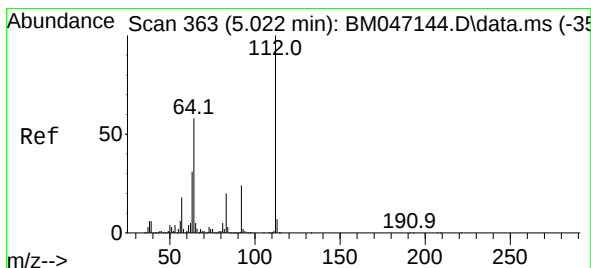
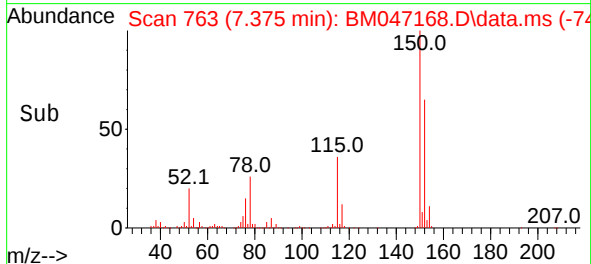
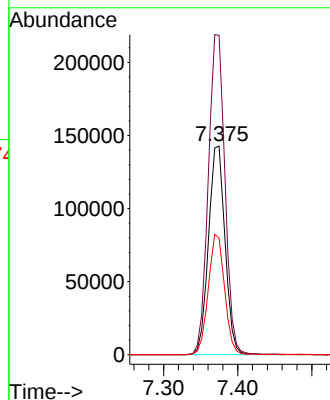
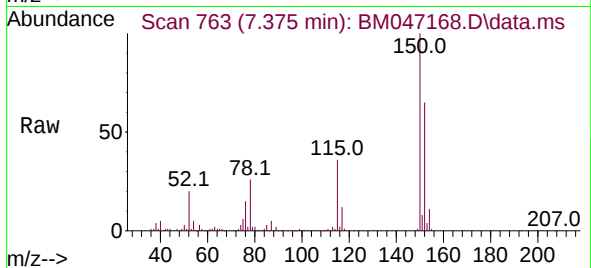




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.000 min
Lab File: BM047168.D
Acq: 13 Aug 2024 09:29

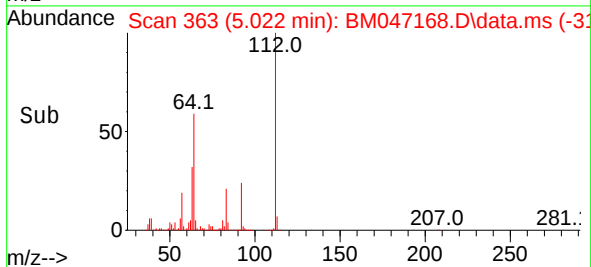
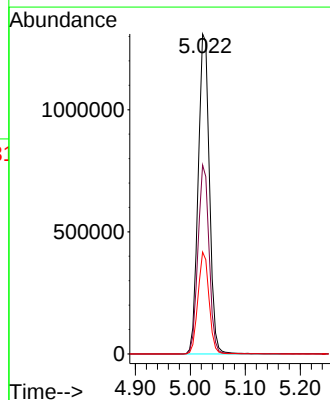
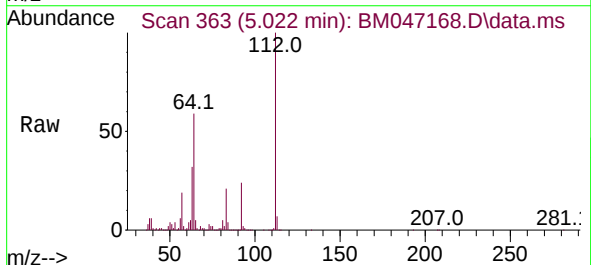
Instrument :
BNA_M
ClientSampleId :
PB162549BL

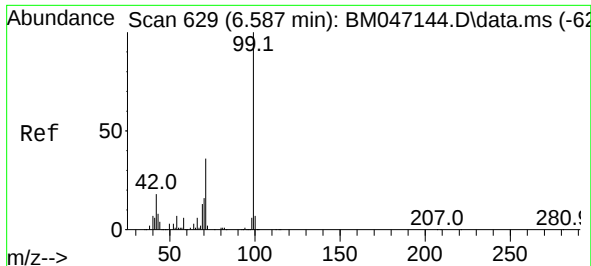
Tgt Ion:152 Resp: 221837
Ion Ratio Lower Upper
152 100
150 153.1 120.5 180.7
115 55.9 45.5 68.3



#5
2-Fluorophenol
Concen: 150.261 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047168.D
Acq: 13 Aug 2024 09:29

Tgt Ion:112 Resp: 1865491
Ion Ratio Lower Upper
112 100
64 59.0 46.7 70.1
63 31.8 24.8 37.2

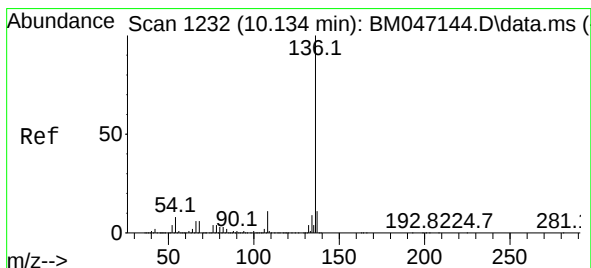
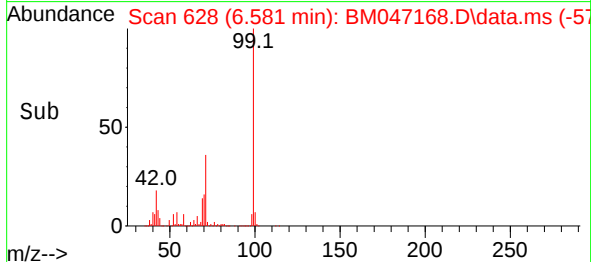
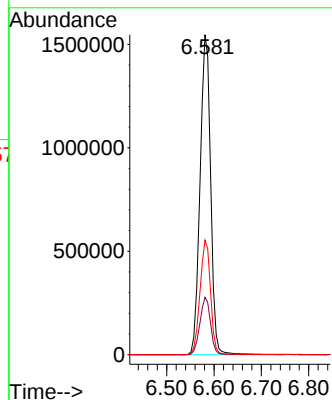
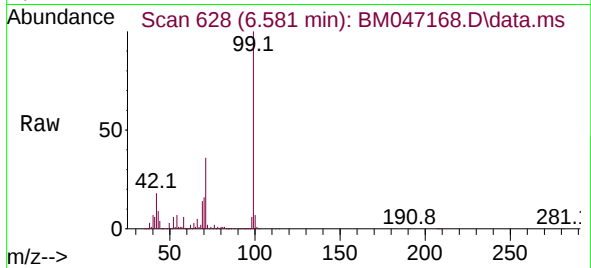




#7
Phenol-d6
Concen: 140.130 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047168.D
Acq: 13 Aug 2024 09:29

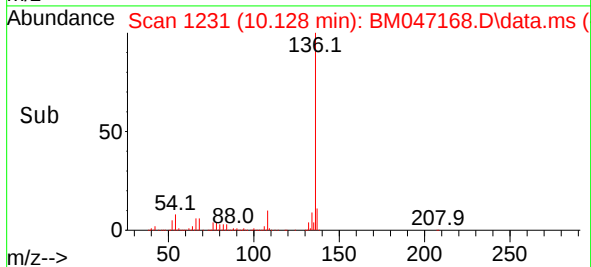
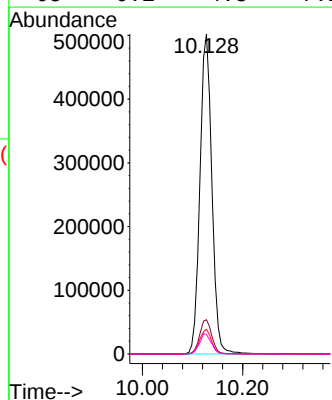
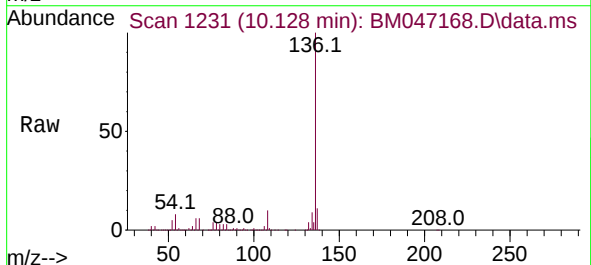
Instrument :
BNA_M
ClientSampleId :
PB162549BL

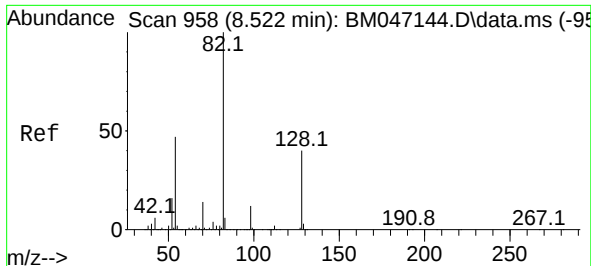
Tgt Ion: 99 Resp: 2397177
Ion Ratio Lower Upper
99 100
42 18.0 14.1 21.1
71 35.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM047168.D
Acq: 13 Aug 2024 09:29

Tgt Ion: 136 Resp: 827896
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.7 6.0 9.0
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 95.032 ng

RT: 8.516 min Scan# 957

Delta R.T. -0.006 min

Lab File: BM047168.D

Acq: 13 Aug 2024 09:29

Instrument :

BNA_M

ClientSampleId :

PB162549BL

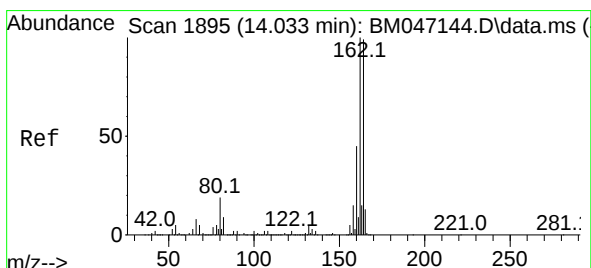
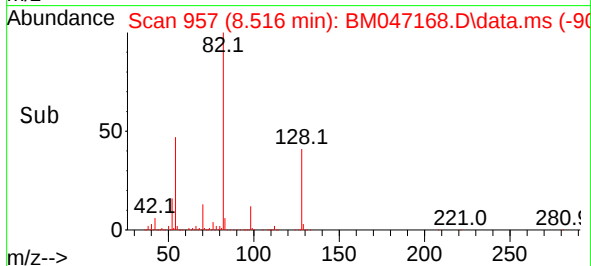
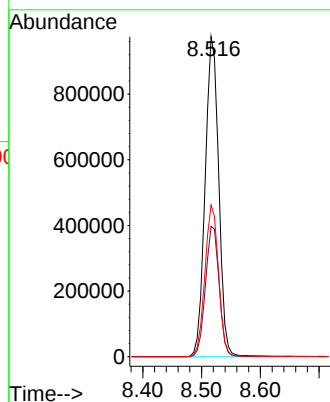
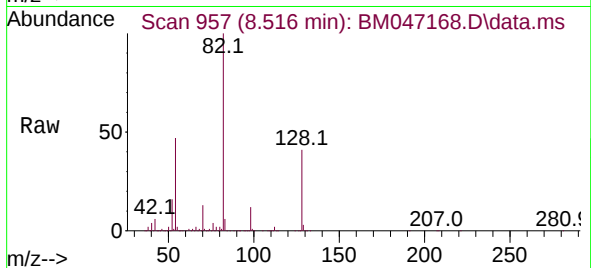
Tgt Ion: 82 Resp: 1562489

Ion Ratio Lower Upper

82 100

128 40.7 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: BM047168.D

Acq: 13 Aug 2024 09:29

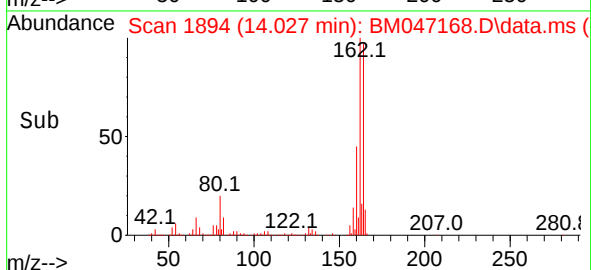
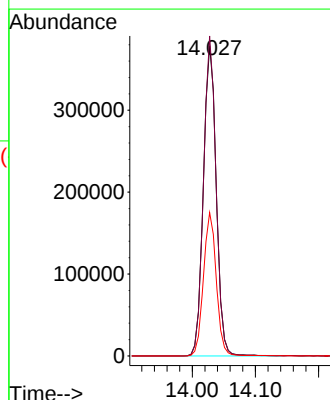
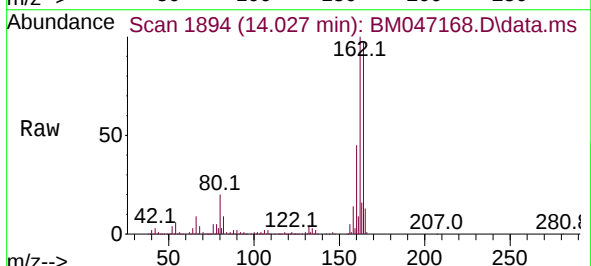
Tgt Ion:164 Resp: 537882

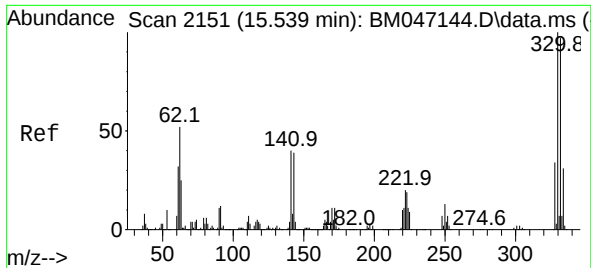
Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

160 46.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 142.848 ng

RT: 15.533 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BM047168.D

Acq: 13 Aug 2024 09:29

Instrument :

BNA_M

ClientSampleId :

PB162549BL

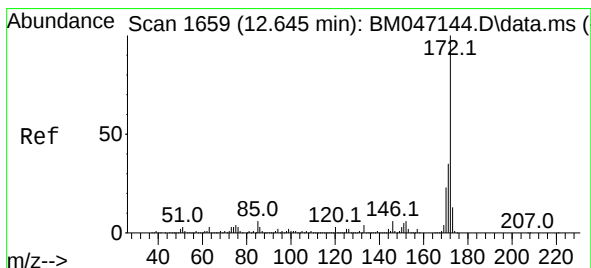
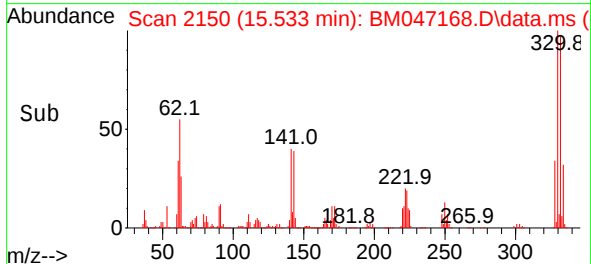
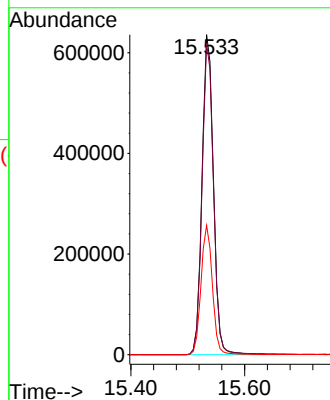
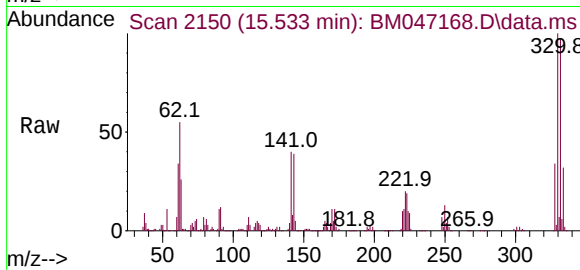
Tgt Ion:330 Resp: 890920

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 40.3 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 93.497 ng

RT: 12.639 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BM047168.D

Acq: 13 Aug 2024 09:29

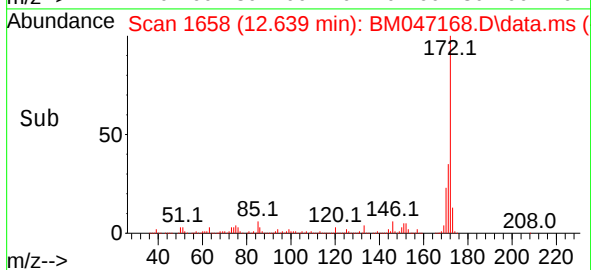
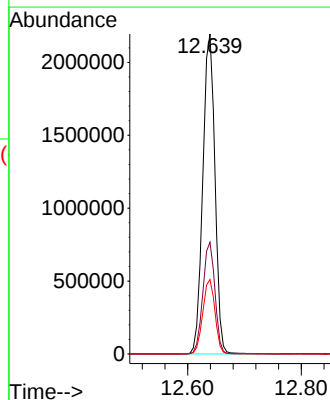
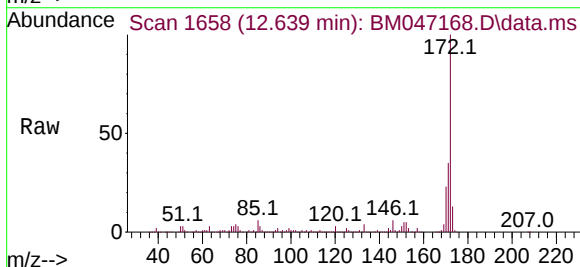
Tgt Ion:172 Resp: 3260272

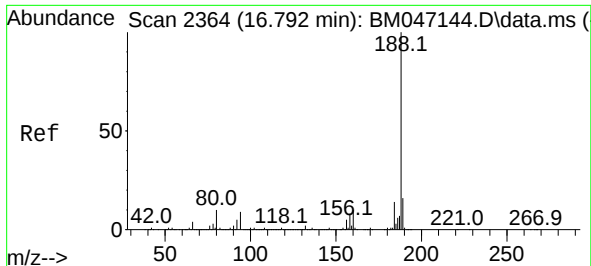
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 23.3 18.7 28.1

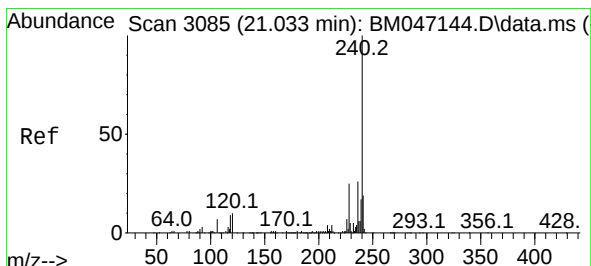
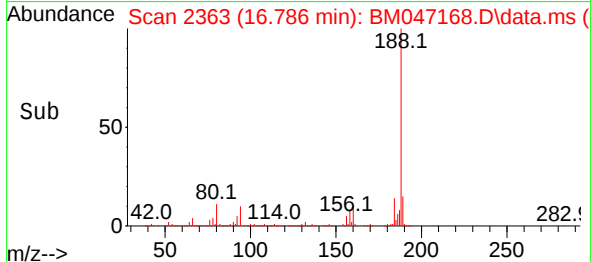
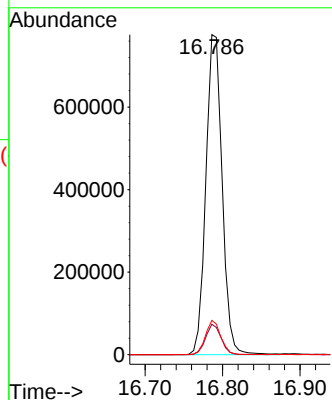
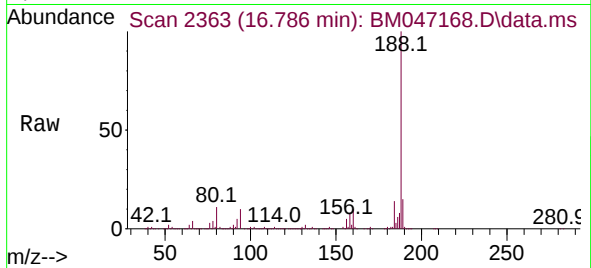




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047168.D
Acq: 13 Aug 2024 09:29

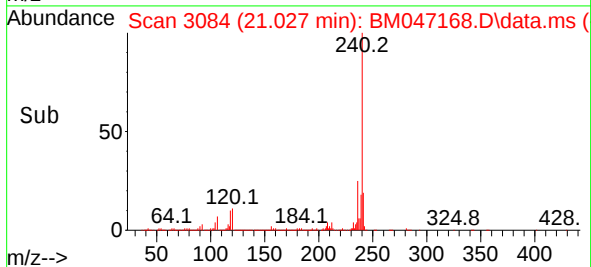
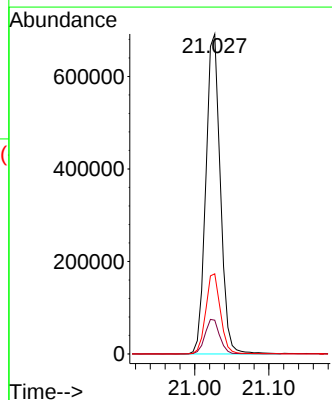
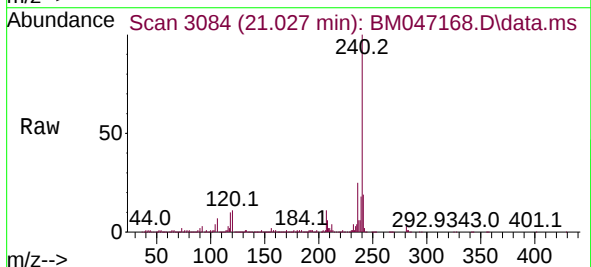
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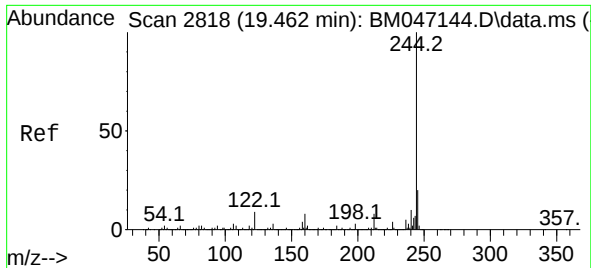
Tgt Ion:188 Resp: 1130296
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047168.D
Acq: 13 Aug 2024 09:29

Tgt Ion:240 Resp: 940749
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.0 20.6 30.8

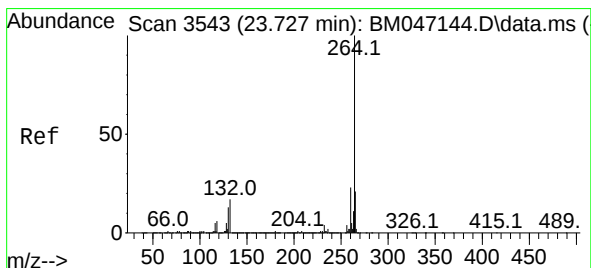
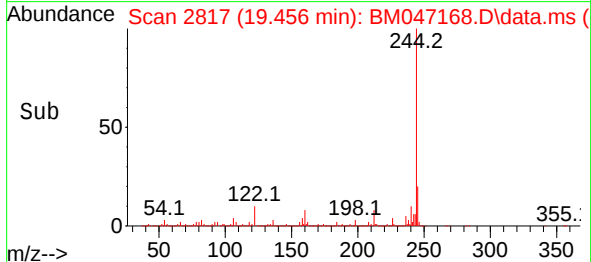
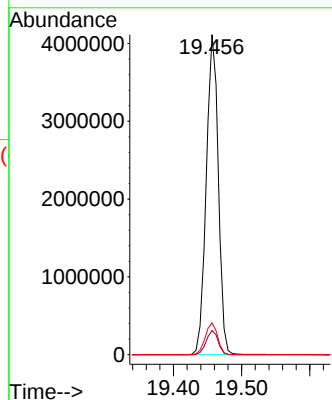
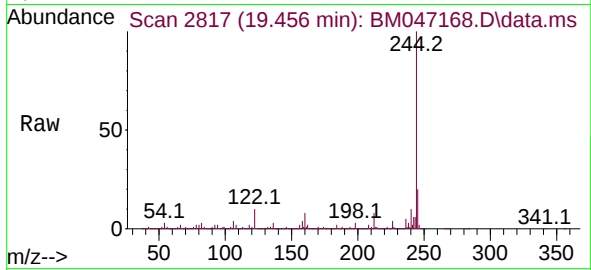




#79
 Terphenyl-d14
 Concen: 115.213 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047168.D
 Acq: 13 Aug 2024 09:29

Instrument :
 BNA_M
 ClientSampleId :
 PB162549BL

Tgt Ion:244 Resp: 5058274
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.9 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: BM047168.D
 Acq: 13 Aug 2024 09:29

Tgt Ion:264 Resp: 990210
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.4 17.3 25.9

