

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042537.D
 Acq On : 01 Nov 2023 13:31
 Operator : MA/JU
 Sample : PB156808BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156808BL

Quant Time: Nov 01 23:41:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	93142	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	338034	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	206236	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	410602	20.000	ng	0.00
76) Chrysene-d12	21.503	240	308624	20.000	ng	0.00
86) Perylene-d12	23.921	264	327586	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	814309	141.096	ng	0.00
7) Phenol-d6	7.092	99	1023461	129.305	ng	0.00
23) Nitrobenzene-d5	9.122	82	707467	97.563	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	404925	150.385	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1489838	97.205	ng	0.00
79) Terphenyl-d14	19.939	244	2062705	113.327	ng	0.00

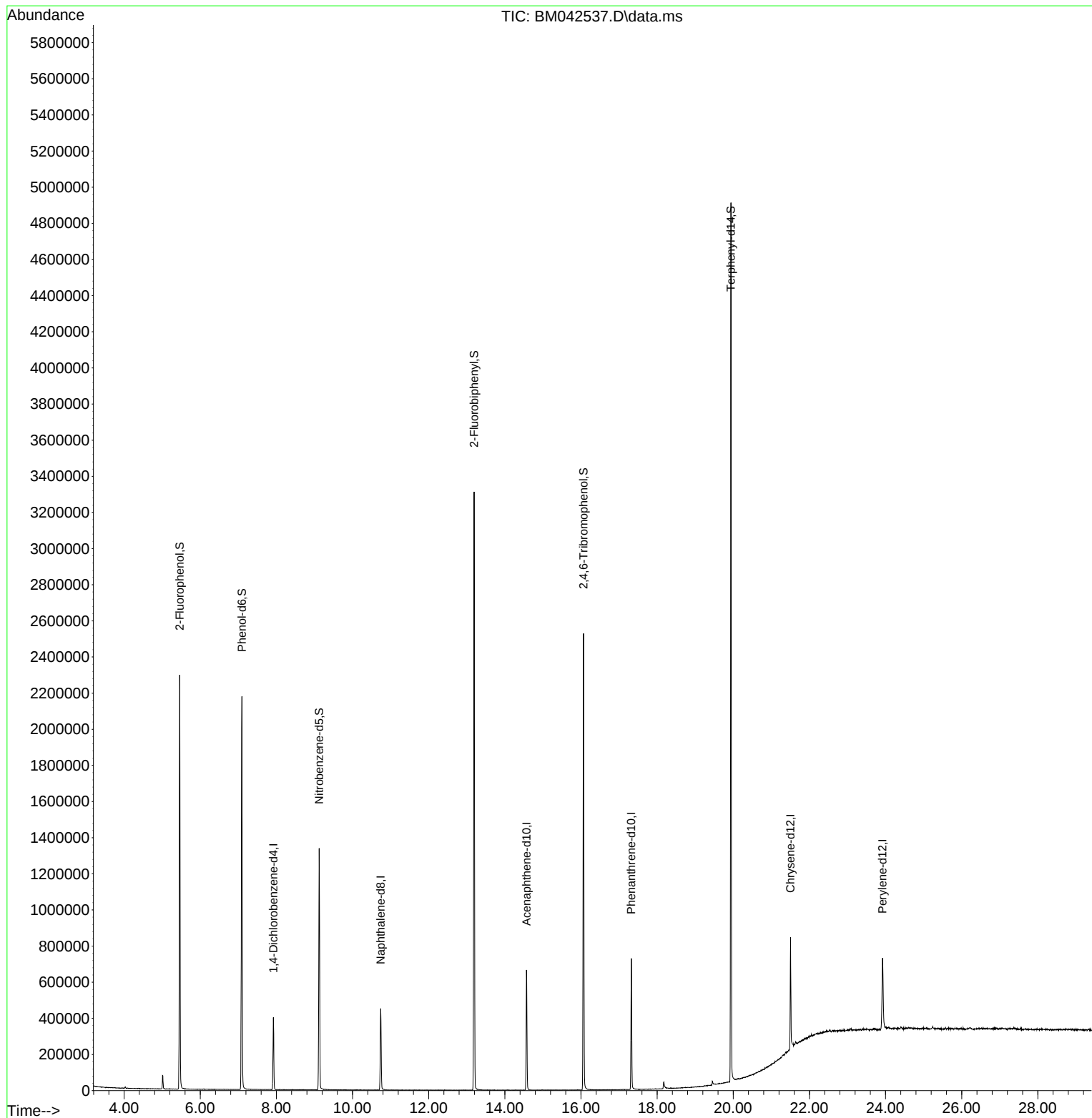
Target Compounds	Qvalue

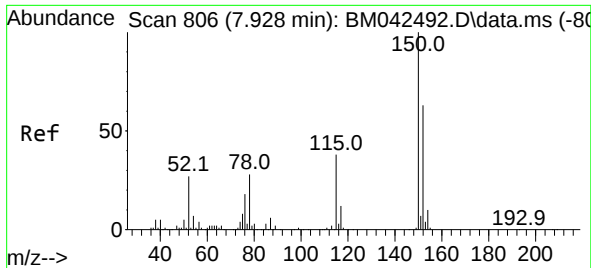
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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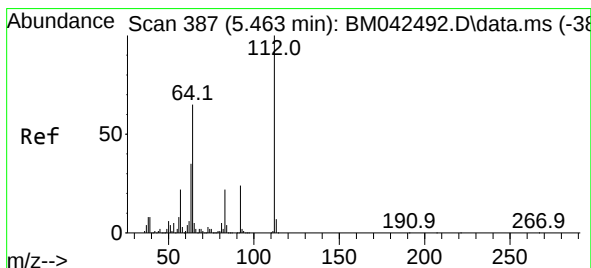
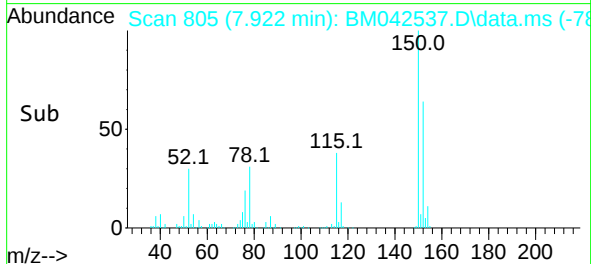
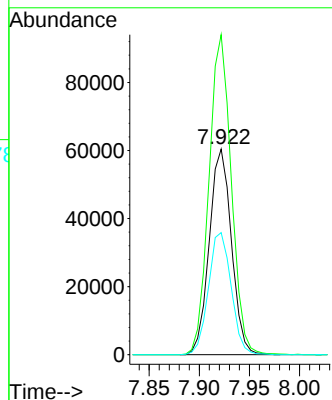
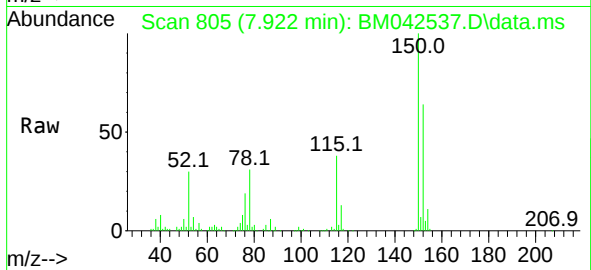




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042537.D
Acq: 01 Nov 2023 13:31

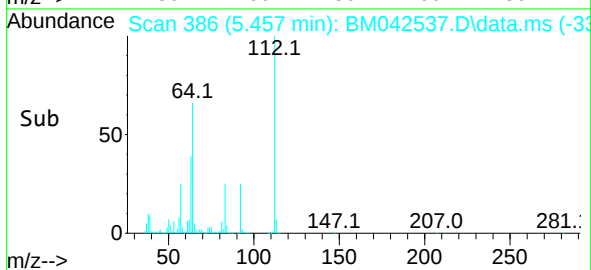
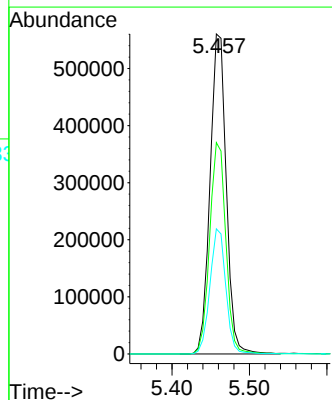
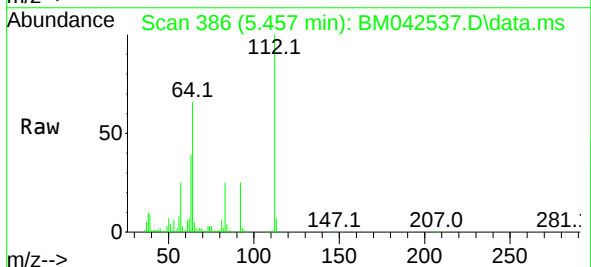
Instrument :
BNA_M
ClientSampleId :
PB156808BL

Tgt Ion:152 Resp: 93142
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 59.3 47.9 71.9



#5
2-Fluorophenol
Concen: 141.096 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042537.D
Acq: 01 Nov 2023 13:31

Tgt Ion:112 Resp: 814309
Ion Ratio Lower Upper
112 100
64 66.1 52.1 78.1
63 39.1 28.3 42.5

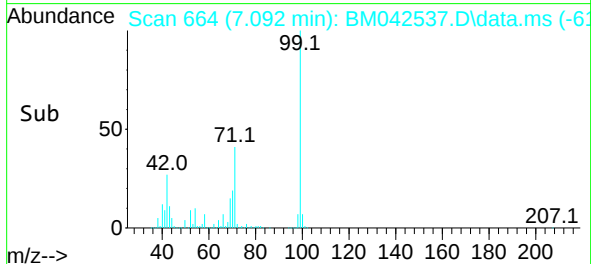
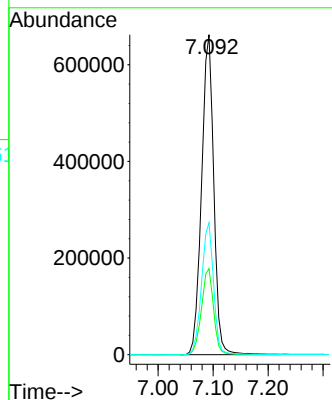
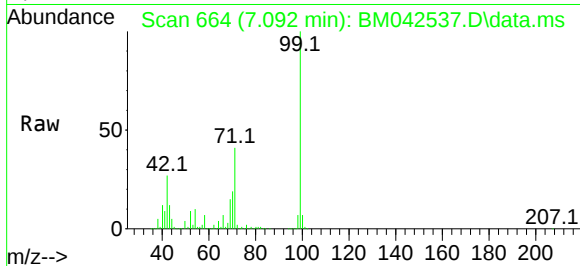




#7
Phenol-d6
Concen: 129.305 ng
RT: 7.092 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042537.D
Acq: 01 Nov 2023 13:31

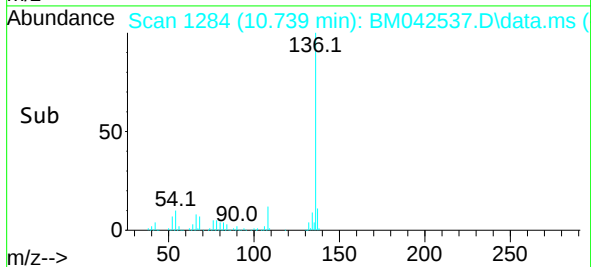
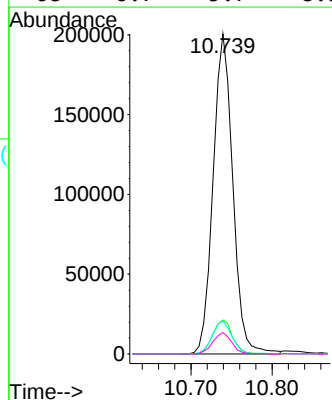
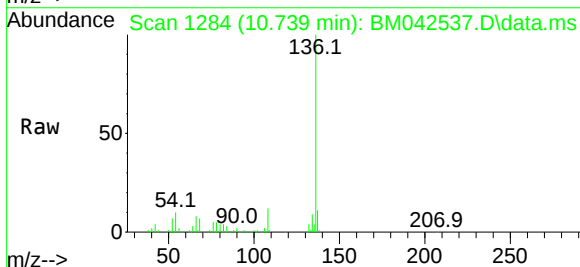
Instrument :
BNA_M
ClientSampleId :
PB156808BL

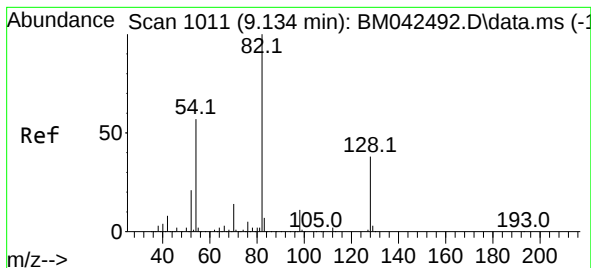
Tgt Ion: 99 Resp: 1023461
Ion Ratio Lower Upper
99 100
42 26.9 18.7 28.1
71 41.2 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042537.D
Acq: 01 Nov 2023 13:31

Tgt Ion: 136 Resp: 338034
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.3 8.0 12.0
68 6.7 5.7 8.5





#23

Nitrobenzene-d5

Concen: 97.563 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042537.D

Acq: 01 Nov 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB156808BL

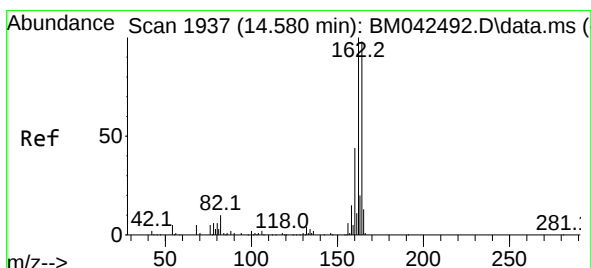
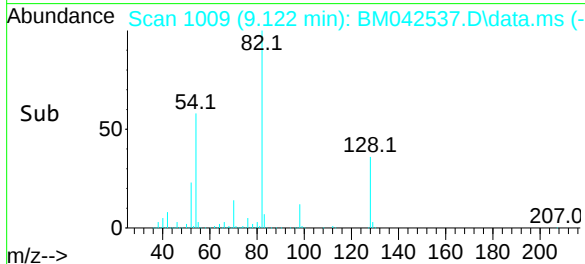
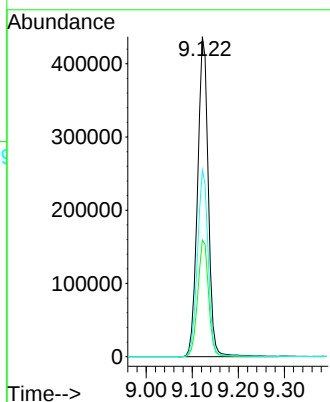
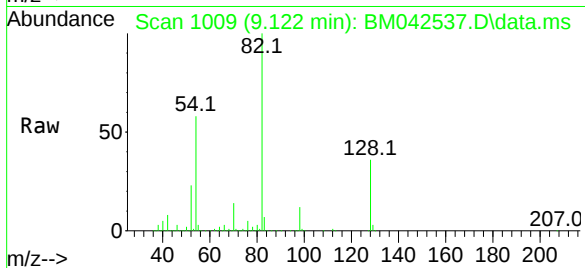
Tgt Ion: 82 Resp: 707467

Ion Ratio Lower Upper

82 100

128 36.4 30.7 46.1

54 58.3 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BM042537.D

Acq: 01 Nov 2023 13:31

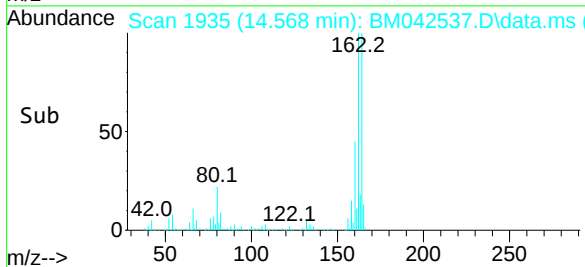
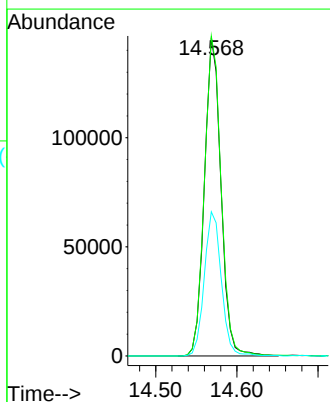
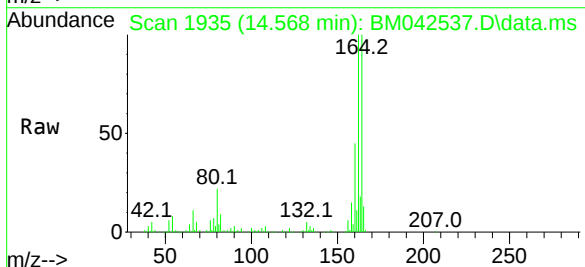
Tgt Ion:164 Resp: 206236

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

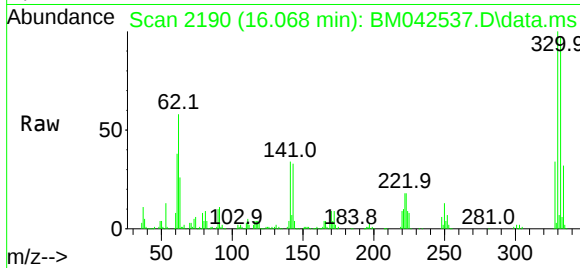
160 45.3 36.2 54.4



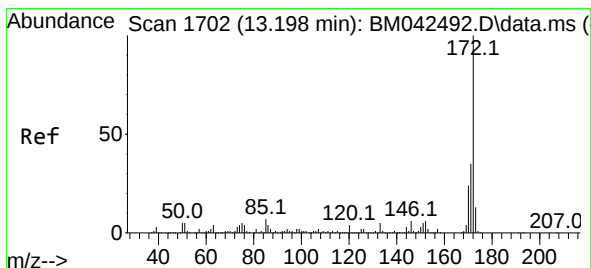
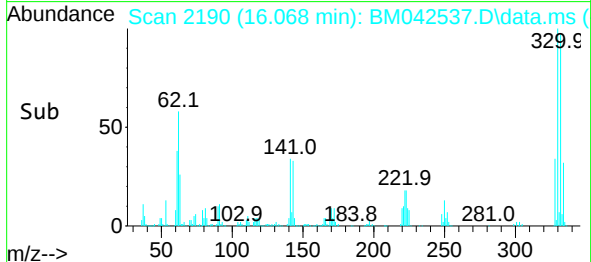
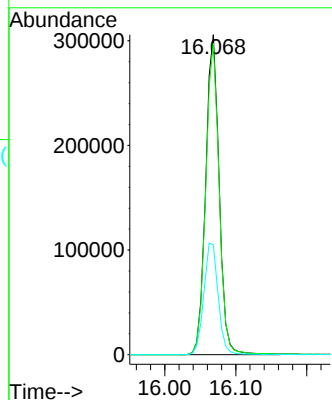


#42
2,4,6-Tribromophenol
Concen: 150.385 ng
RT: 16.068 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM042537.D
Acq: 01 Nov 2023 13:31

Instrument :
BNA_M
ClientSampleId :
PB156808BL

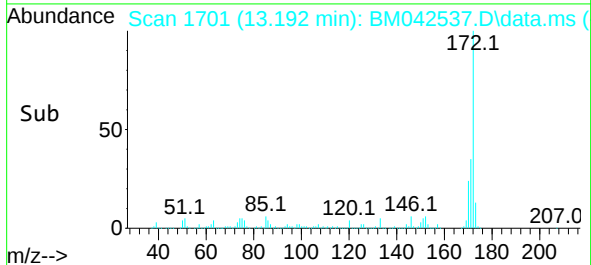
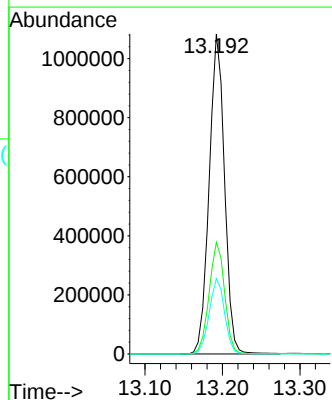
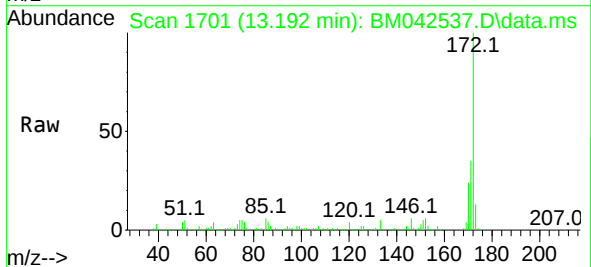


Tgt Ion:330 Resp: 404925
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 37.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 97.205 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042537.D
Acq: 01 Nov 2023 13:31

Tgt Ion:172 Resp: 1489838
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042537.D

Acq: 01 Nov 2023 13:31

Instrument :

BNA_M

ClientSampleId :

PB156808BL

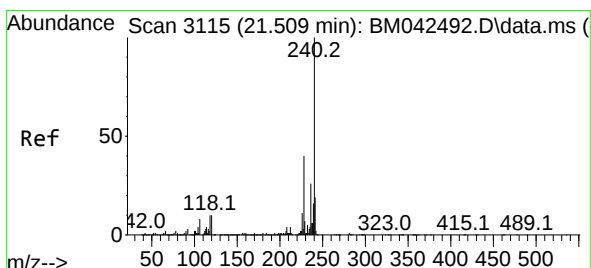
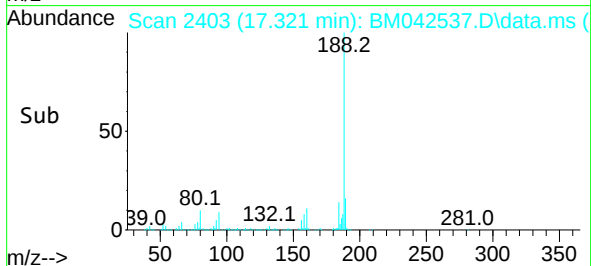
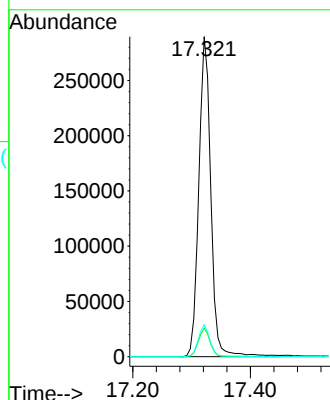
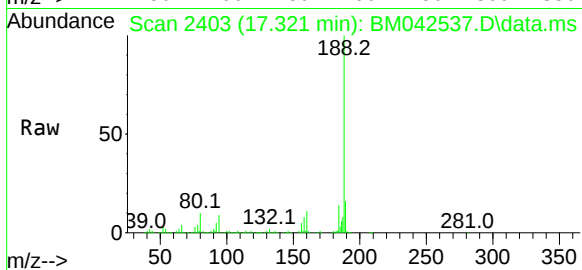
Tgt Ion:188 Resp: 410602

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 9.9 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042537.D

Acq: 01 Nov 2023 13:31

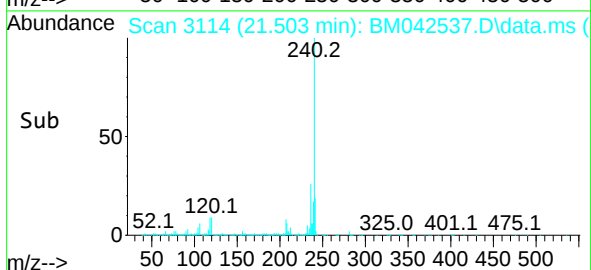
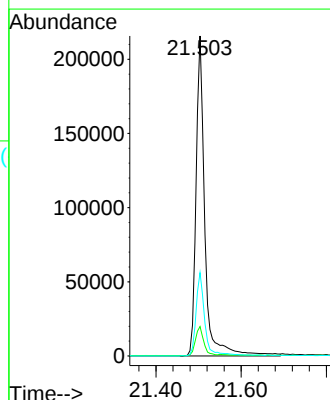
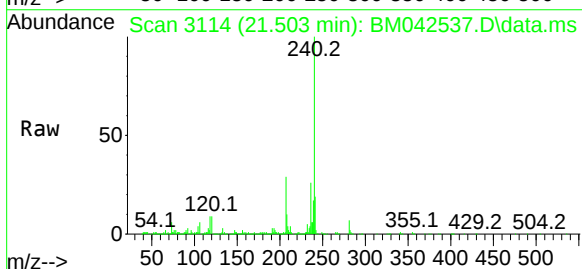
Tgt Ion:240 Resp: 308624

Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

236 26.0 20.8 31.2

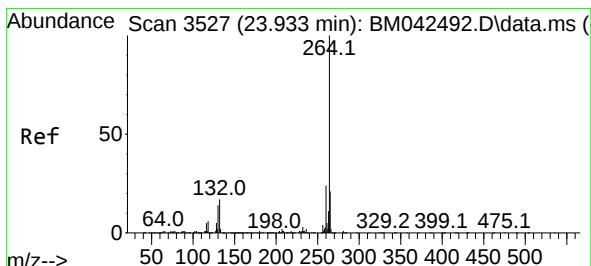
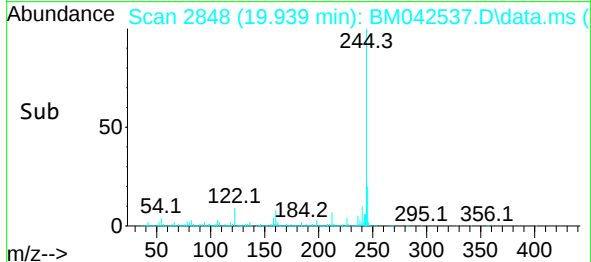
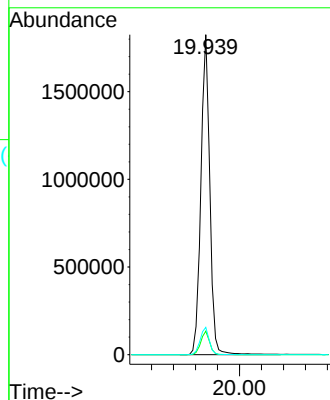
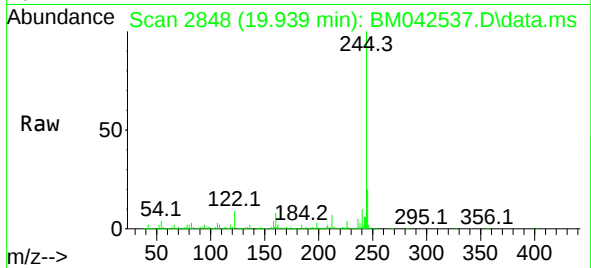




#79
 Terphenyl-d14
 Concen: 113.327 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042537.D
 Acq: 01 Nov 2023 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB156808BL

Tgt Ion:244 Resp: 2062705
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 8.6 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.921 min Scan# 3525
 Delta R.T. -0.012 min
 Lab File: BM042537.D
 Acq: 01 Nov 2023 13:31

Tgt Ion:264 Resp: 327586
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.9 18.7 28.1

