

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042527.D
 Acq On : 01 Nov 2023 01:00
 Operator : MA/JU
 Sample : 04879-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Nov 01 04:50:13 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	68139	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	242649	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	136195	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	280012	20.000	ng	0.00
76) Chrysene-d12	21.503	240	302954	20.000	ng	0.00
86) Perylene-d12	23.921	264	370579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	391274	92.674	ng	0.00
7) Phenol-d6	7.087	99	490815	84.764	ng	-0.01
23) Nitrobenzene-d5	9.122	82	325367	62.508	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	163947	92.201	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	616430	60.903	ng	0.00
79) Terphenyl-d14	19.939	244	932375	52.184	ng	0.00

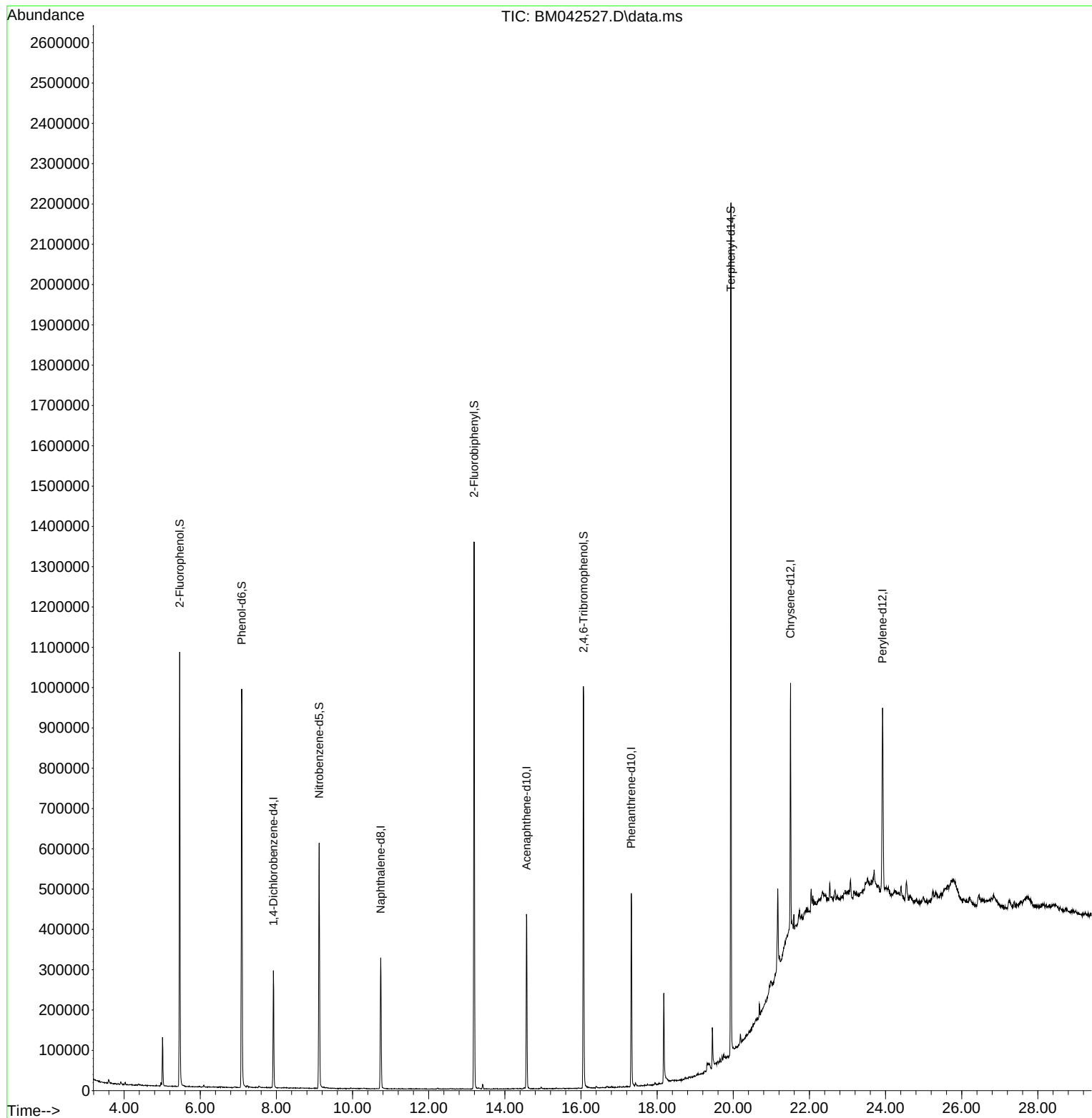
Target Compounds	Qvalue

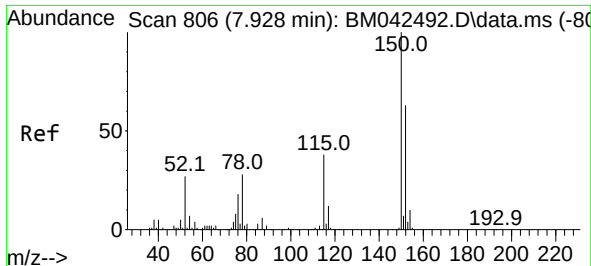
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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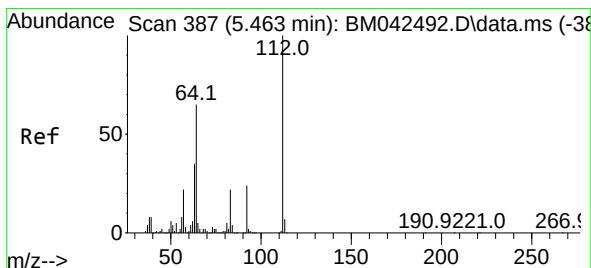
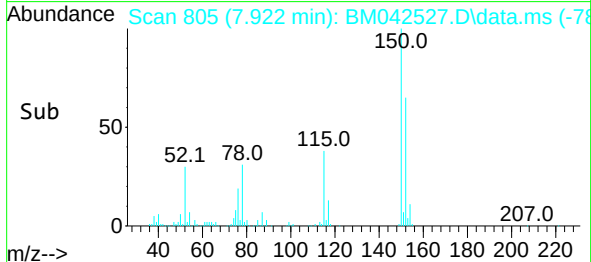
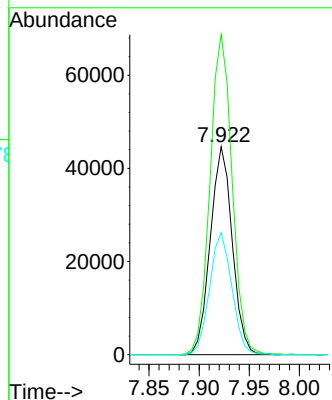
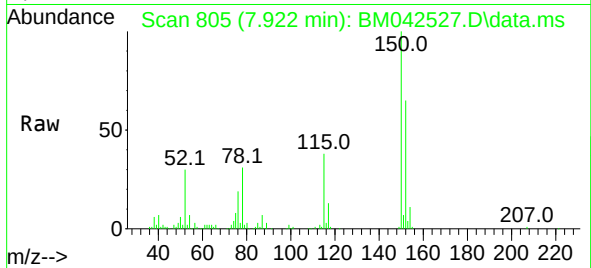




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

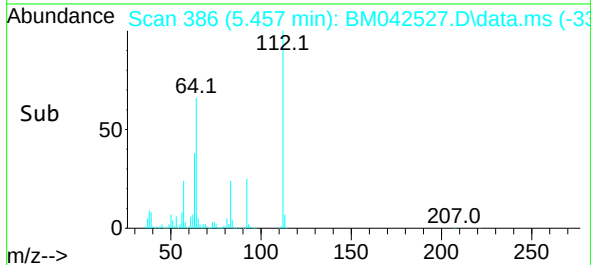
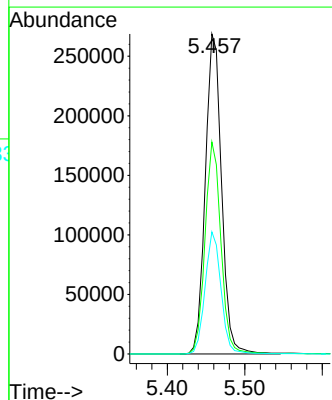
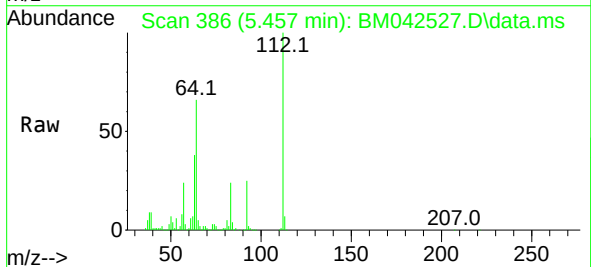
Instrument :
BNA_M
ClientSampleId :
TP-1

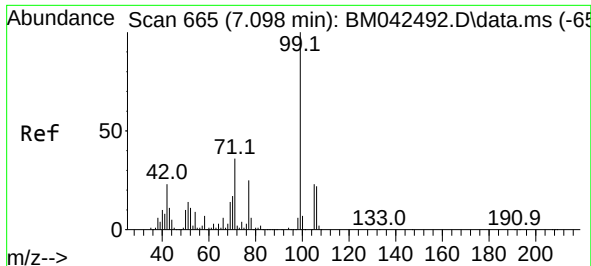
Tgt Ion:152 Resp: 68139
Ion Ratio Lower Upper
152 100
150 153.8 127.4 191.0
115 58.7 47.9 71.9



#5
2-Fluorophenol
Concen: 92.674 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

Tgt Ion:112 Resp: 391274
Ion Ratio Lower Upper
112 100
64 66.2 52.1 78.1
63 38.1 28.3 42.5

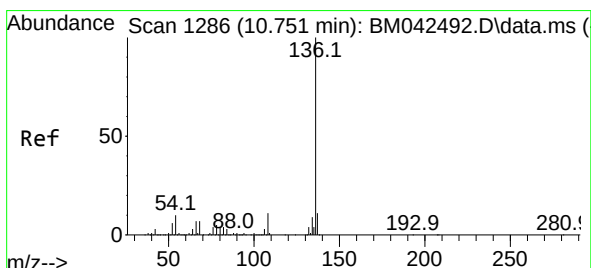
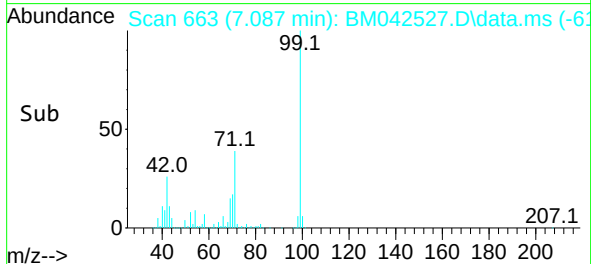
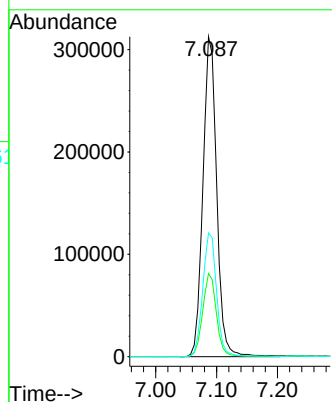
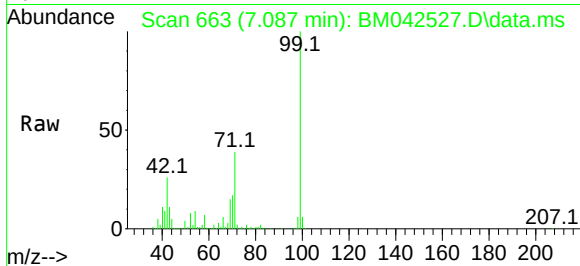




#7
Phenol-d6
Concen: 84.764 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

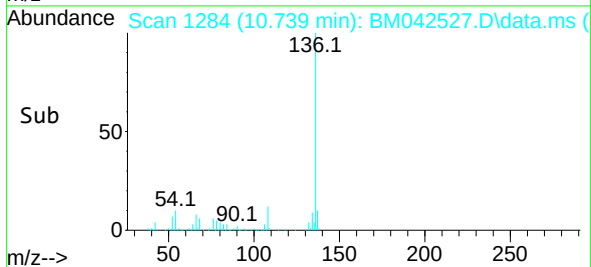
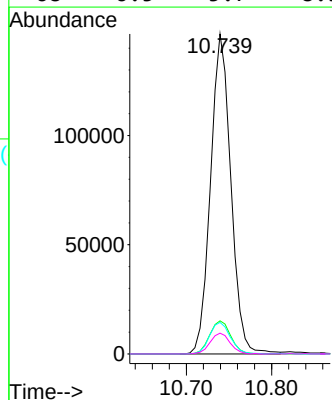
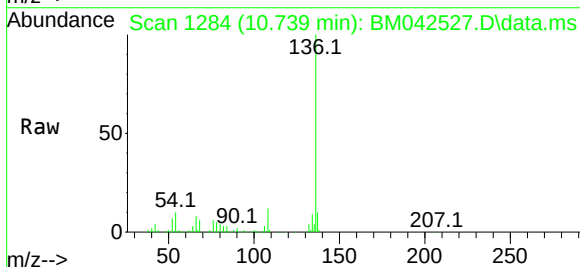
Instrument :
BNA_M
ClientSampleId :
TP-1

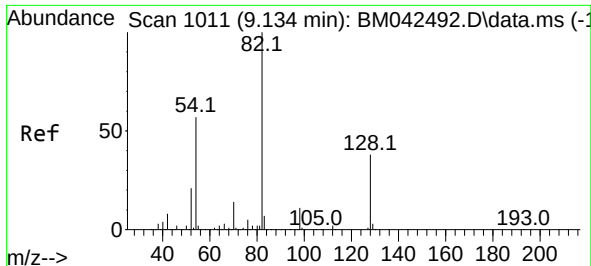
Tgt Ion: 99 Resp: 490815
Ion Ratio Lower Upper
99 100
42 26.0 18.7 28.1
71 38.7 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

Tgt Ion:136 Resp: 242649
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 9.8 8.0 12.0
68 6.5 5.7 8.5

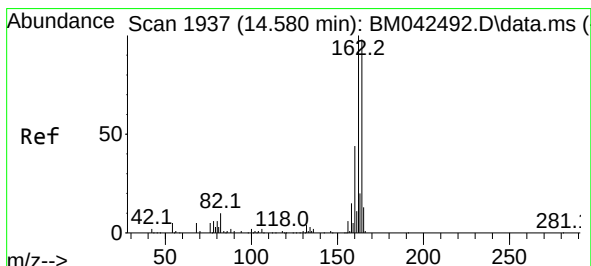
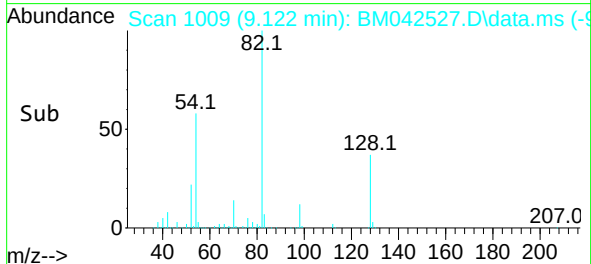
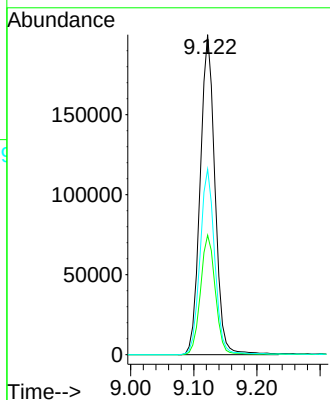
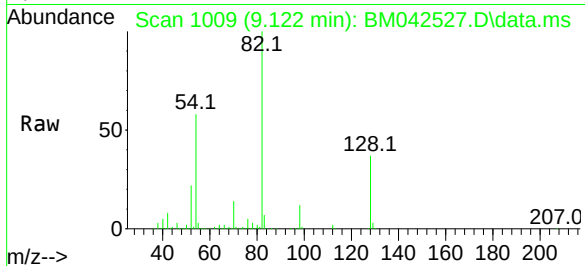




#23
Nitrobenzene-d5
Concen: 62.508 ng
RT: 9.122 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

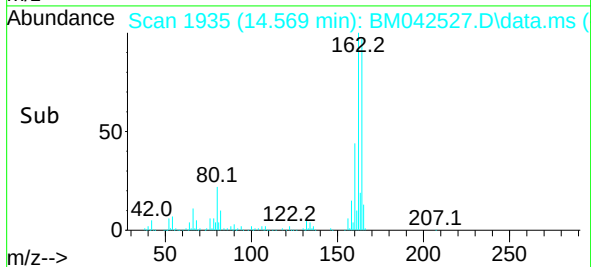
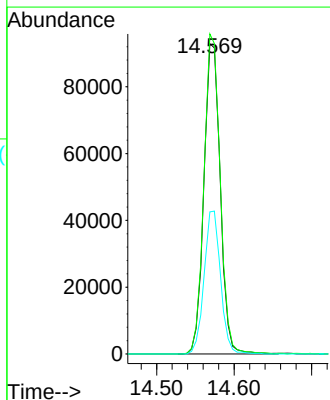
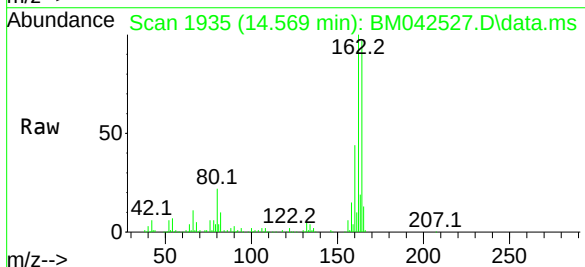
Instrument :
BNA_M
ClientSampleId :
TP-1

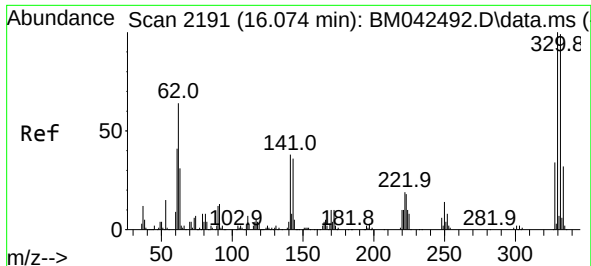
Tgt Ion: 82 Resp: 325367
Ion Ratio Lower Upper
82 100
128 37.4 30.7 46.1
54 57.9 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

Tgt Ion: 164 Resp: 136195
Ion Ratio Lower Upper
164 100
162 103.2 81.6 122.4
160 45.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 92.201 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042527.D

Acq: 01 Nov 2023 01:00

Instrument :

BNA_M

ClientSampleId :

TP-1

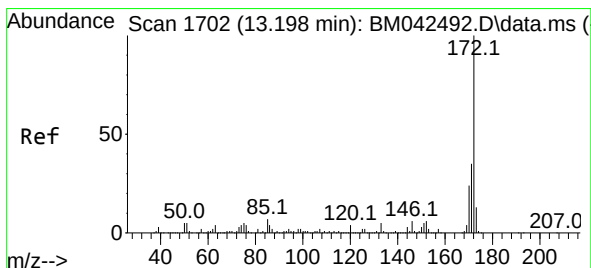
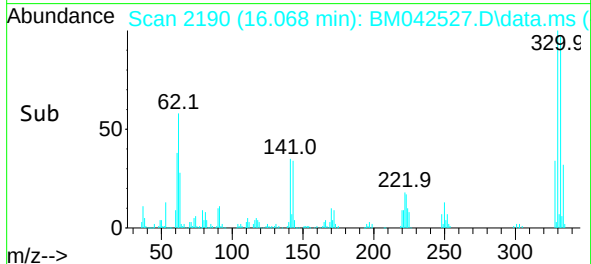
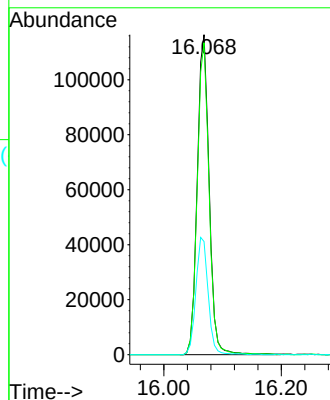
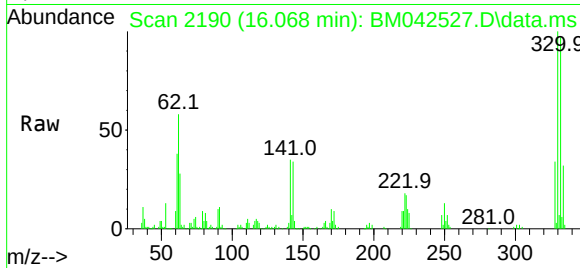
Tgt Ion:330 Resp: 163947

Ion Ratio Lower Upper

330 100

332 96.7 78.8 118.2

141 37.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 60.903 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BM042527.D

Acq: 01 Nov 2023 01:00

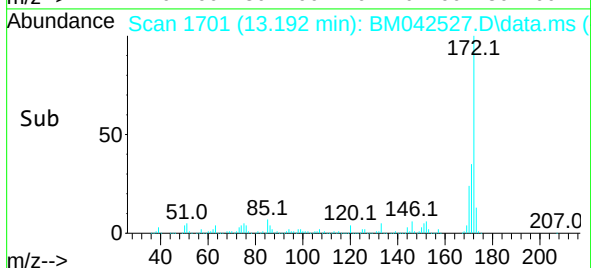
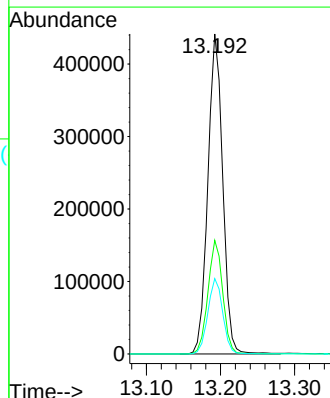
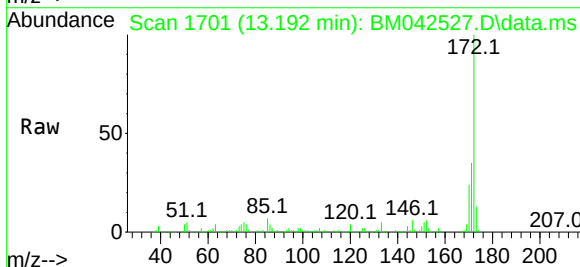
Tgt Ion:172 Resp: 616430

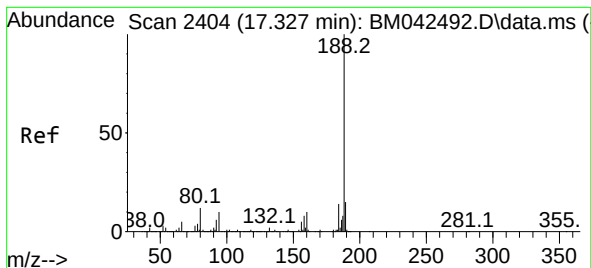
Ion Ratio Lower Upper

172 100

171 35.5 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: BM042527.D

Acq: 01 Nov 2023 01:00

Instrument :

BNA_M

ClientSampleId :

TP-1

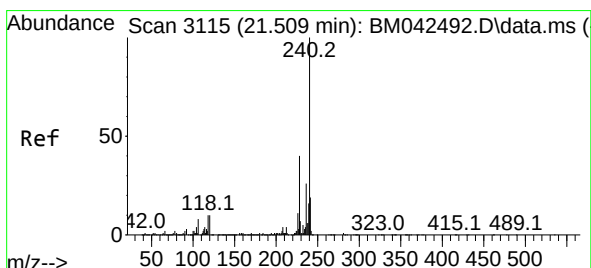
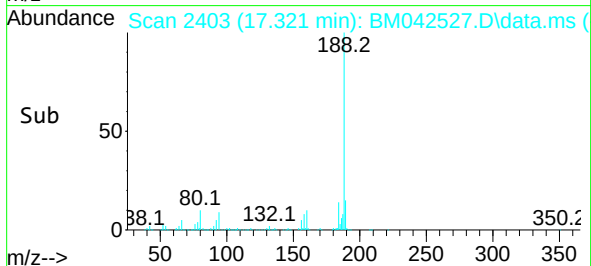
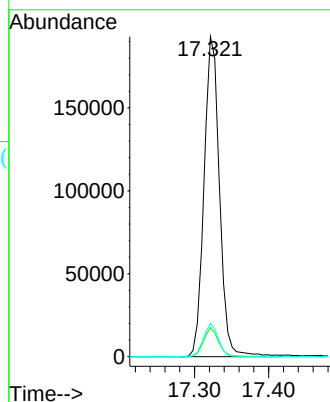
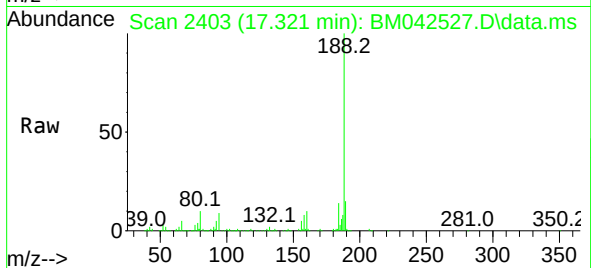
Tgt Ion:188 Resp: 280012

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

80 10.4 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: BM042527.D

Acq: 01 Nov 2023 01:00

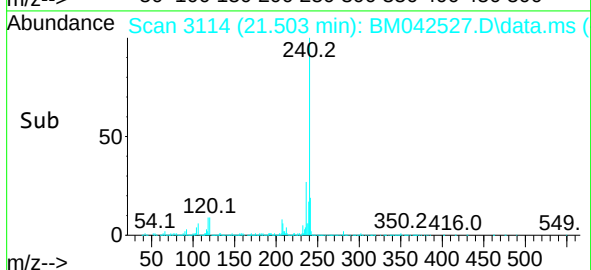
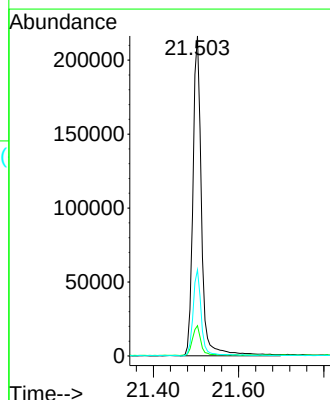
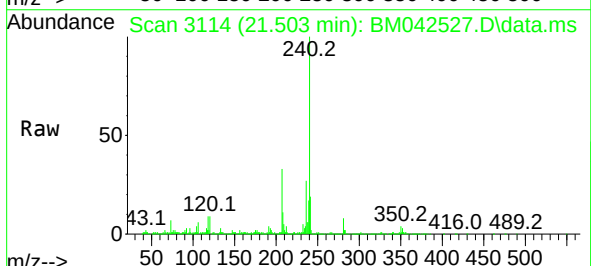
Tgt Ion:240 Resp: 302954

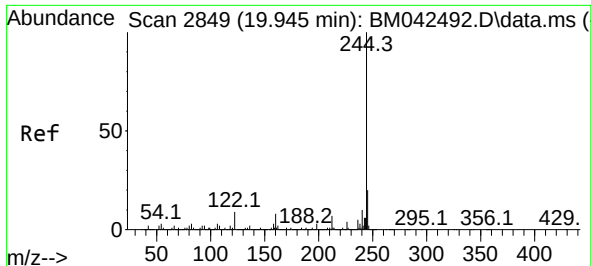
Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

236 26.9 20.8 31.2

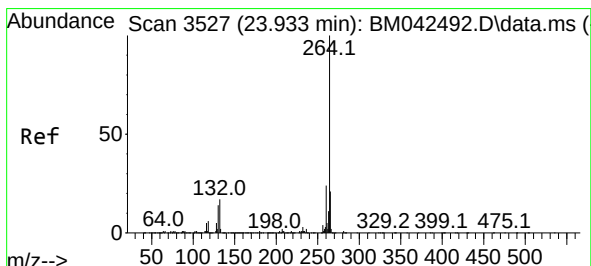
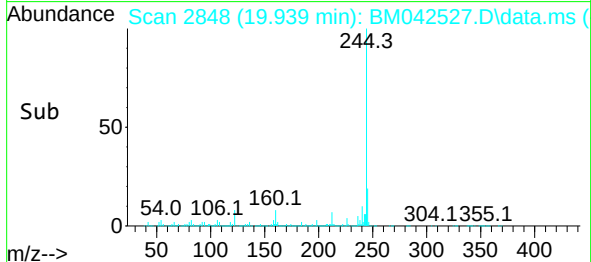
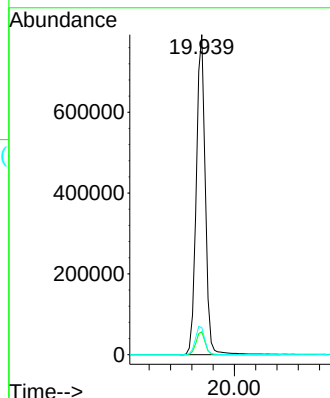
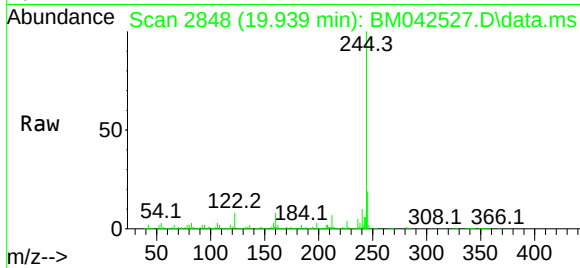




#79
 Terphenyl-d14
 Concen: 52.184 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042527.D
 Acq: 01 Nov 2023 01:00

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 932375
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.5 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: BM042527.D
 Acq: 01 Nov 2023 01:00

Tgt Ion:264 Resp: 370579
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.8 18.7 28.1

