

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
 Data File : BM049961.D
 Acq On : 18 Apr 2025 11:44
 Operator : RC/JU
 Sample : PB167631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167631BL

Quant Time: Apr 18 12:20:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	446553	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1506301	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	931920	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1617200	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1174556	20.000	ng	0.00
86) Perylene-d12	24.397	264	1195792	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3219232	122.415	ng	0.00
7) Phenol-d6	6.951	99	3887931	118.828	ng	0.00
23) Nitrobenzene-d5	8.928	82	2350642	86.899	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1650928	121.794	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	6135693	89.279	ng	-0.01
79) Terphenyl-d14	19.780	244	7152894	114.127	ng	-0.01

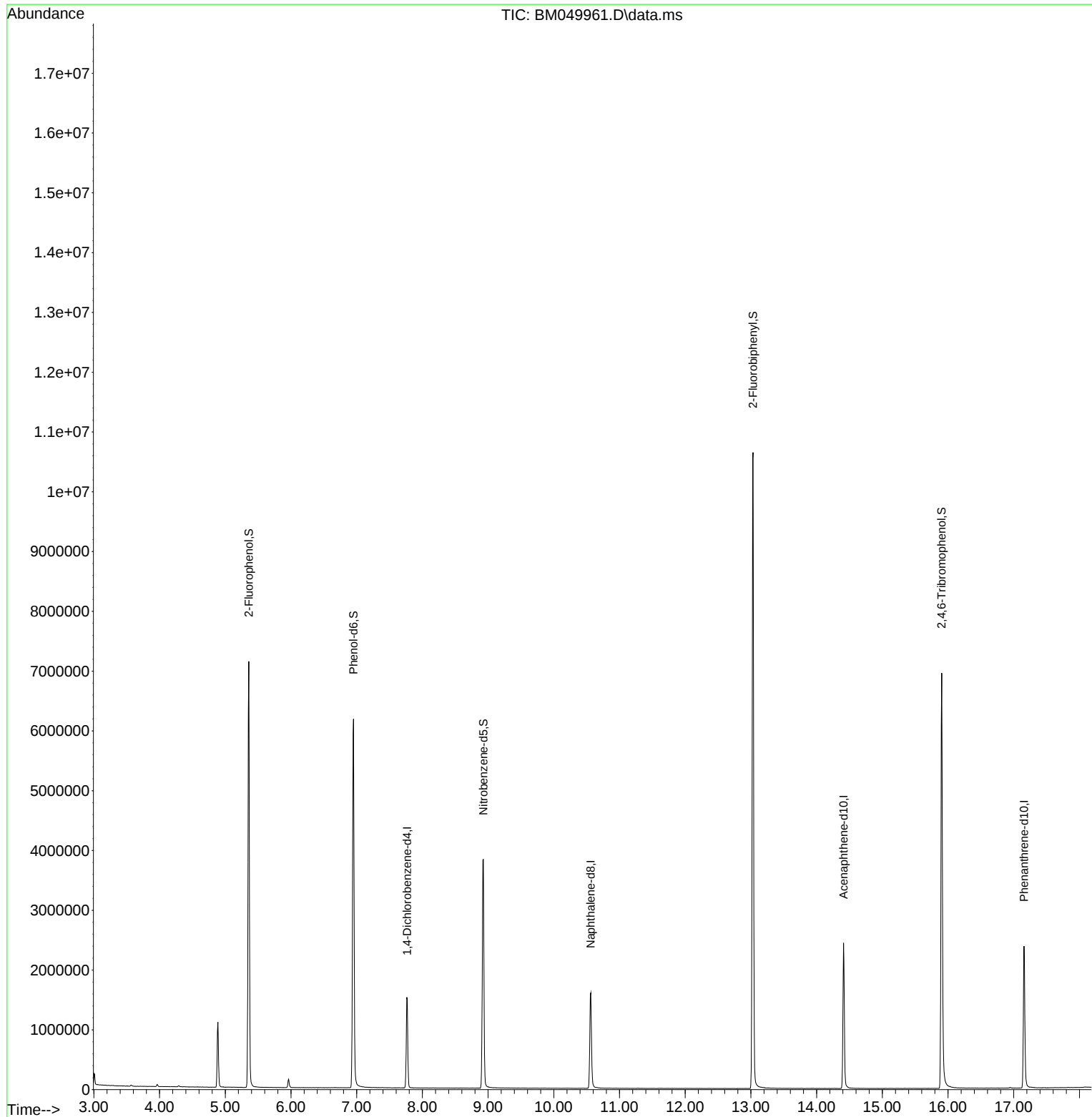
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049961.D
Acq On : 18 Apr 2025 11:44
Operator : RC/JU
Sample : PB167631BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167631BL

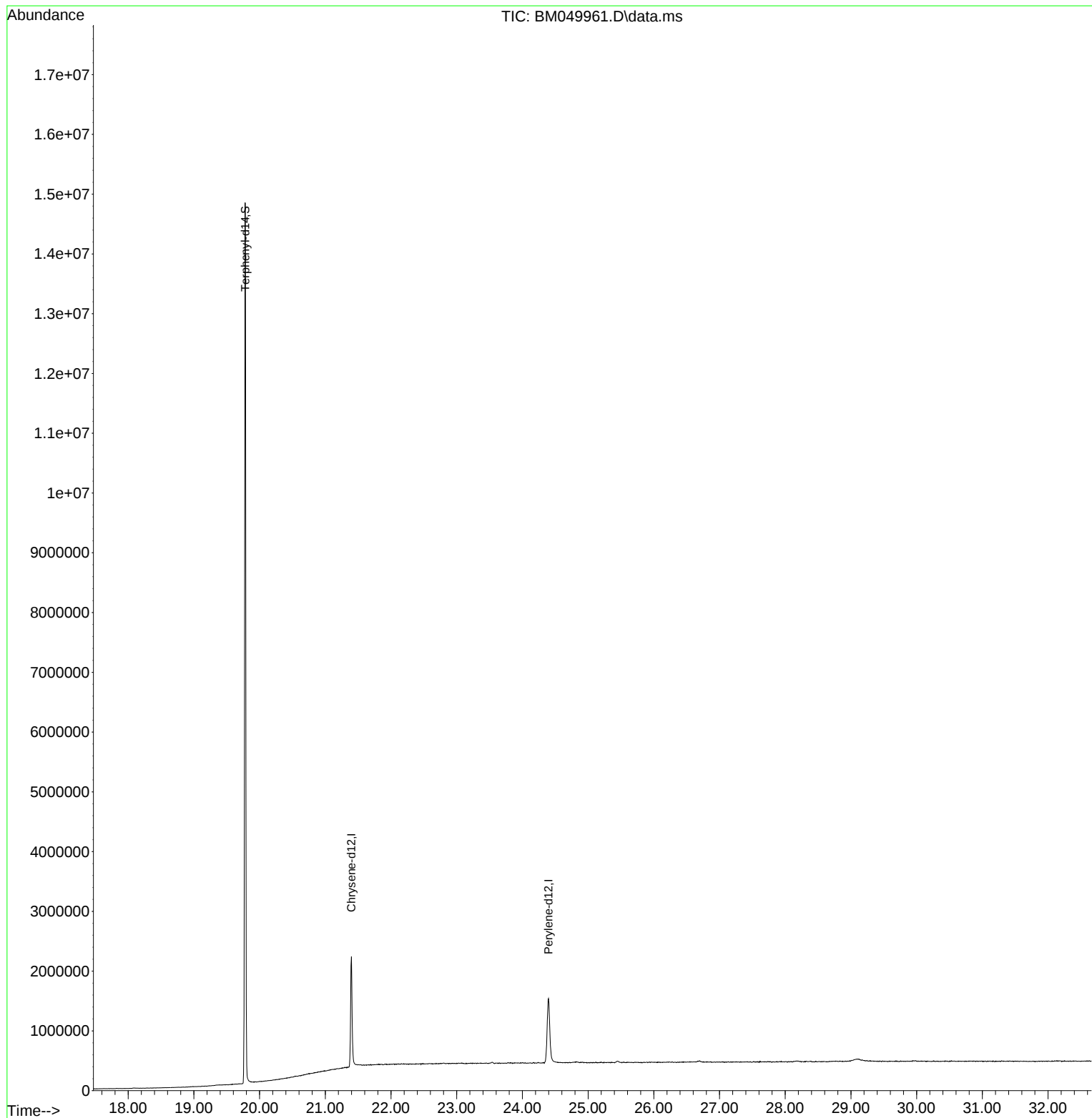
Quant Time: Apr 18 12:20:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049961.D
Acq On : 18 Apr 2025 11:44
Operator : RC/JU
Sample : PB167631BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167631BL

Quant Time: Apr 18 12:20:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

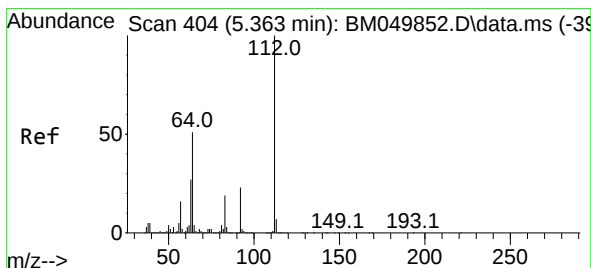
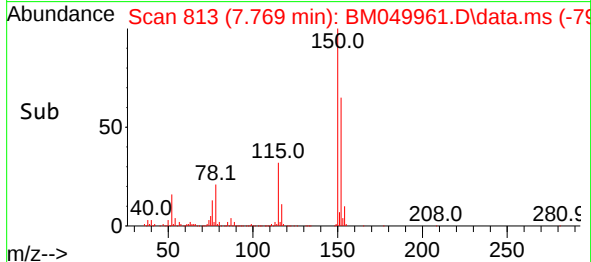
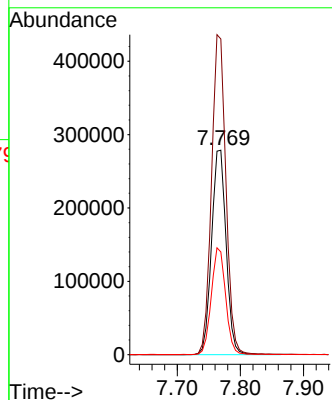
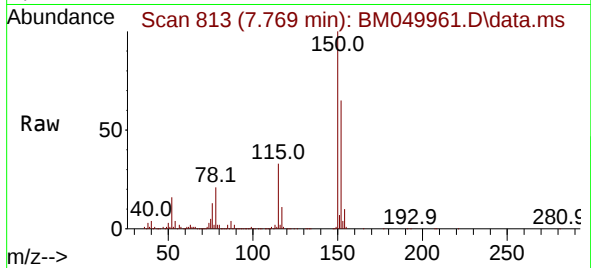




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049961.D
Acq: 18 Apr 2025 11:44

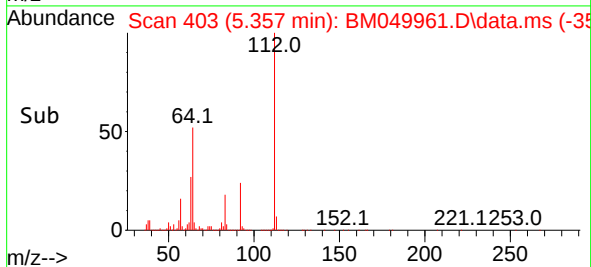
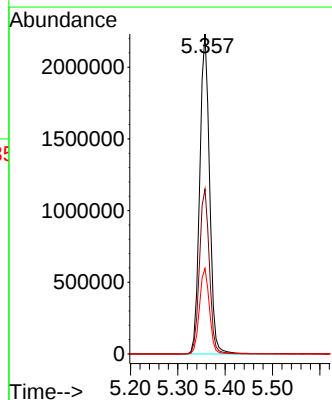
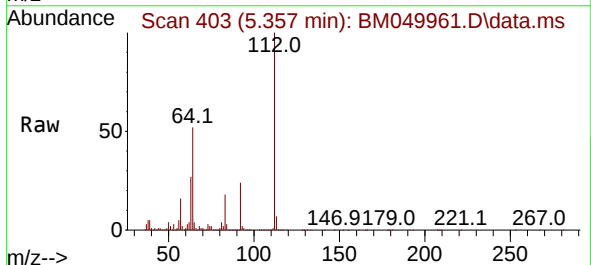
Instrument :
BNA_M
ClientSampleId :
PB167631BL

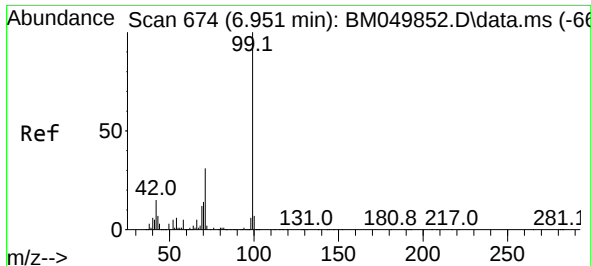
Tgt Ion:152 Resp: 446553
Ion Ratio Lower Upper
152 100
150 154.3 124.3 186.5
115 50.2 41.1 61.7



#5
2-Fluorophenol
Concen: 122.415 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049961.D
Acq: 18 Apr 2025 11:44

Tgt Ion:112 Resp: 3219232
Ion Ratio Lower Upper
112 100
64 51.5 41.0 61.6
63 26.8 21.5 32.3

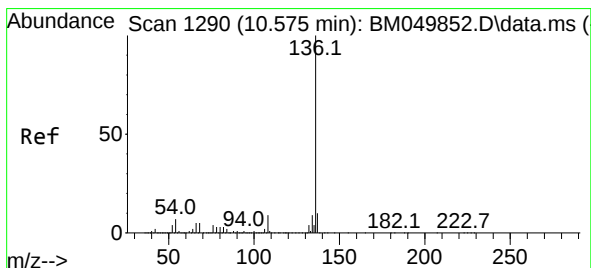
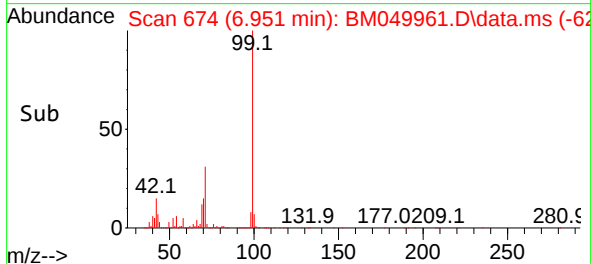
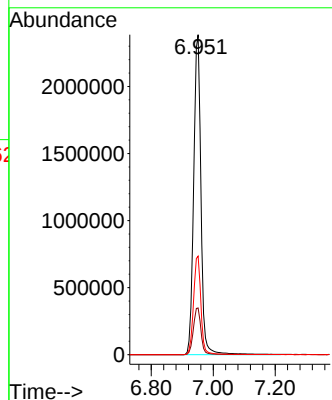
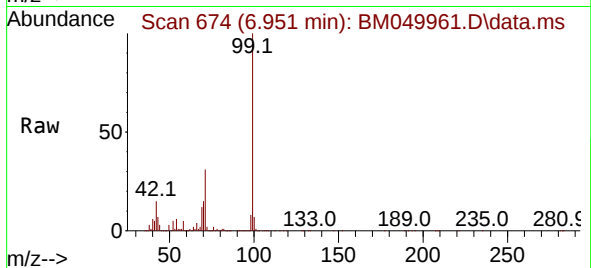




#7
Phenol-d6
Concen: 118.828 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049961.D
Acq: 18 Apr 2025 11:44

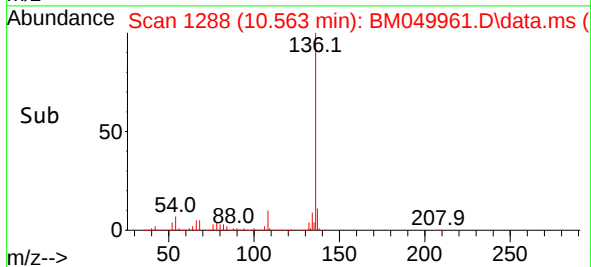
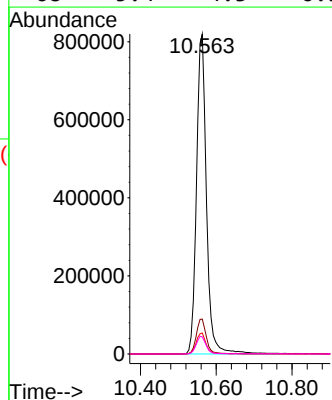
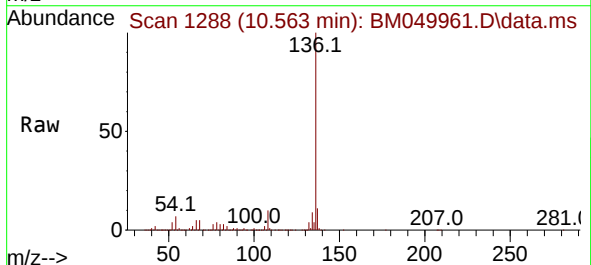
Instrument :
BNA_M
ClientSampleId :
PB167631BL

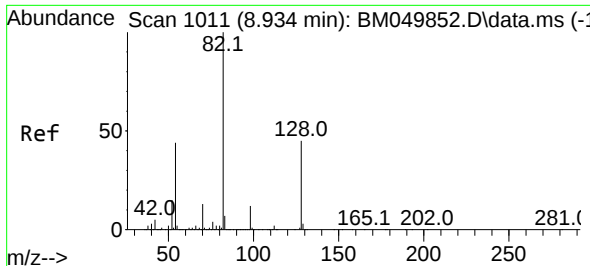
Tgt Ion: 99 Resp: 3887931
Ion Ratio Lower Upper
99 100
42 14.6 12.1 18.1
71 30.8 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049961.D
Acq: 18 Apr 2025 11:44

Tgt Ion: 136 Resp: 1506301
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.6 5.3 7.9
68 5.4 4.3 6.5

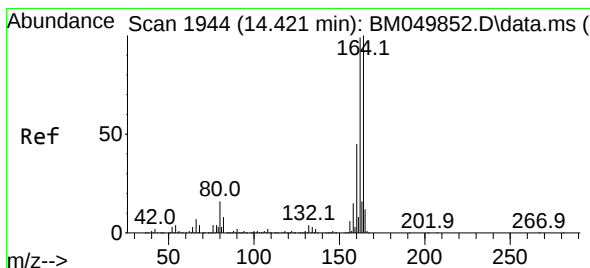
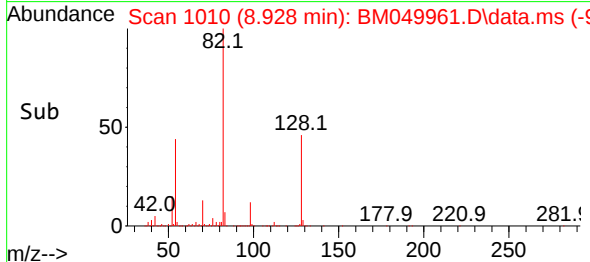
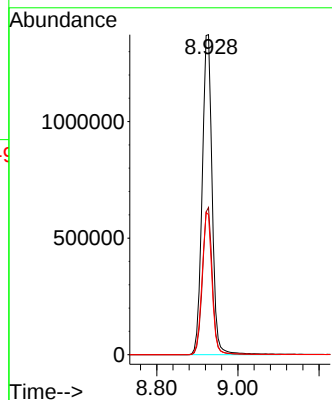
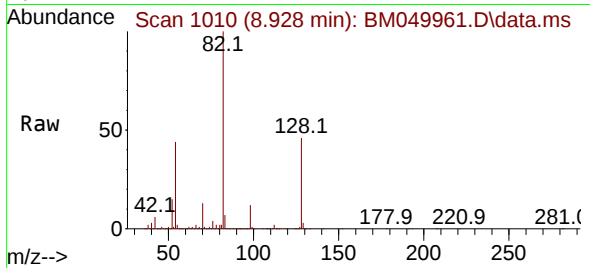




#23
Nitrobenzene-d5
Concen: 86.899 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049961.D
Acq: 18 Apr 2025 11:44

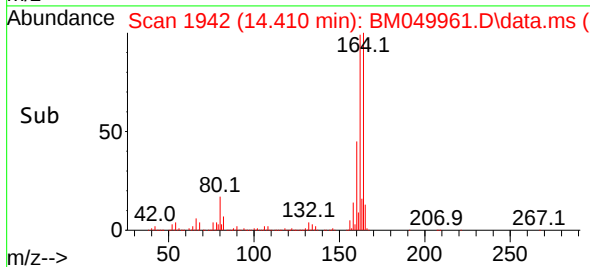
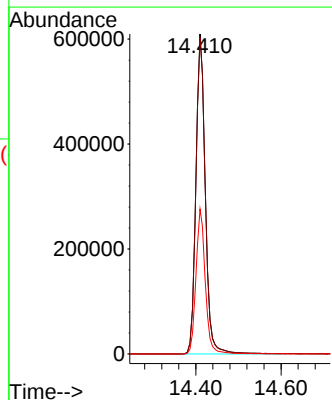
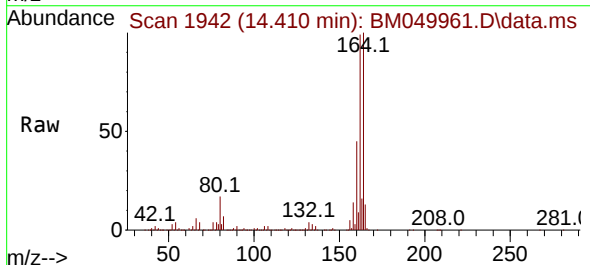
Instrument :
BNA_M
ClientSampleId :
PB167631BL

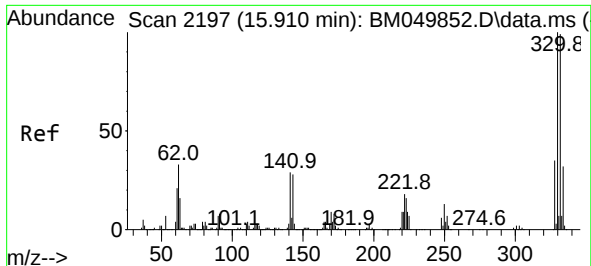
Tgt Ion: 82 Resp: 2350642
Ion Ratio Lower Upper
82 100
128 46.0 36.2 54.2
54 43.8 35.0 52.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049961.D
Acq: 18 Apr 2025 11:44

Tgt Ion:164 Resp: 931920
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 45.3 36.2 54.2

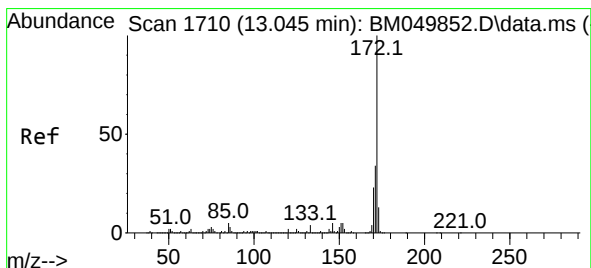
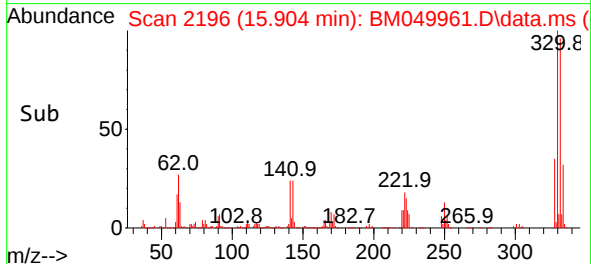
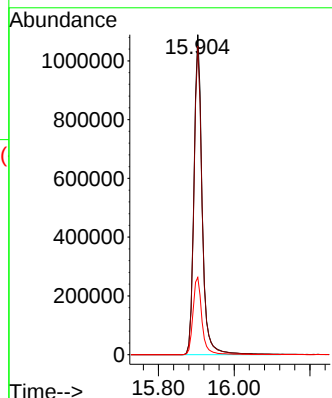
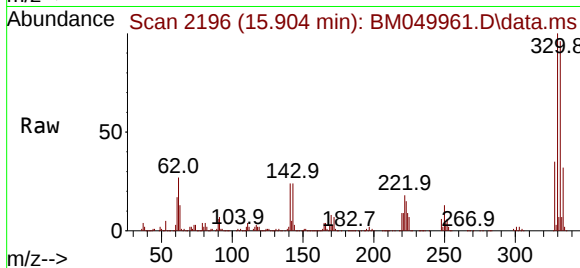




#42
 2,4,6-Tribromophenol
 Concen: 121.794 ng
 RT: 15.904 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BM049961.D
 Acq: 18 Apr 2025 11:44

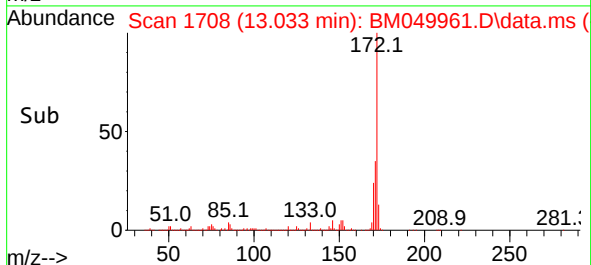
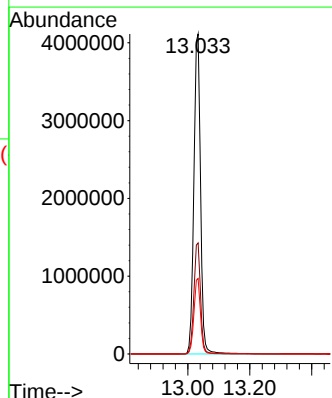
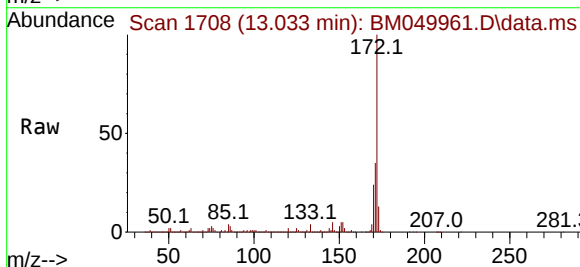
Instrument :
 BNA_M
 ClientSampleId :
 PB167631BL

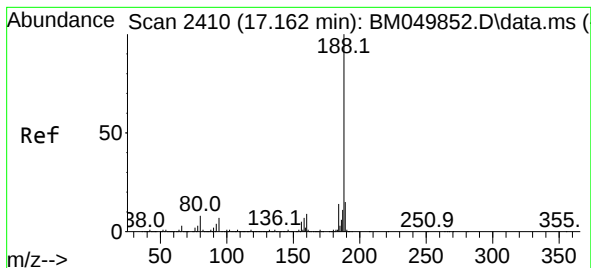
Tgt Ion:330 Resp: 1650928
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.0 117.0
 141 26.4 23.5 35.3



#45
 2-Fluorobiphenyl
 Concen: 89.279 ng
 RT: 13.033 min Scan# 1708
 Delta R.T. -0.012 min
 Lab File: BM049961.D
 Acq: 18 Apr 2025 11:44

Tgt Ion:172 Resp: 6135693
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.4 41.2
 170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049961.D

Acq: 18 Apr 2025 11:44

Instrument :

BNA_M

ClientSampleId :

PB167631BL

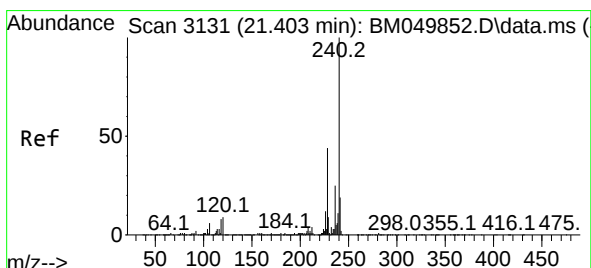
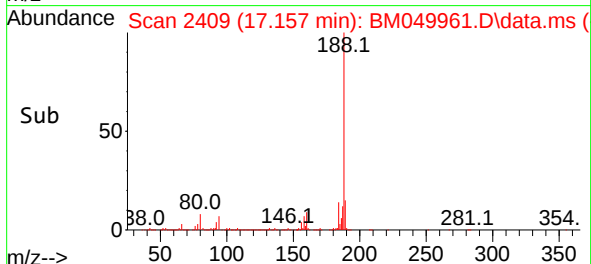
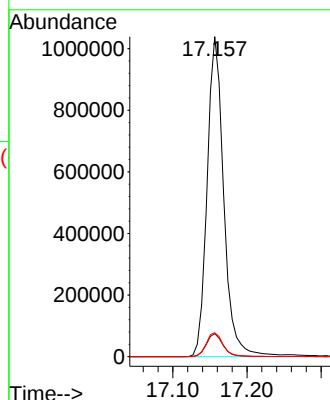
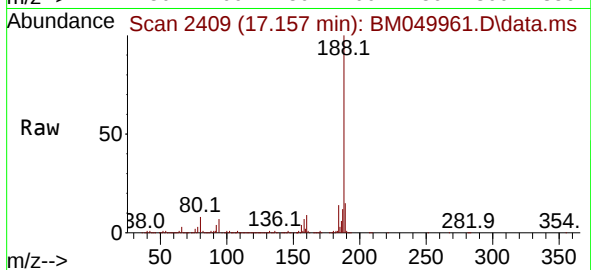
Tgt Ion:188 Resp: 1617200

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

80 7.5 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049961.D

Acq: 18 Apr 2025 11:44

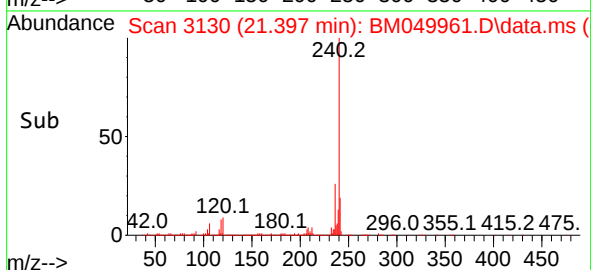
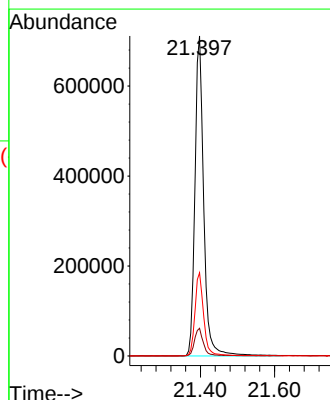
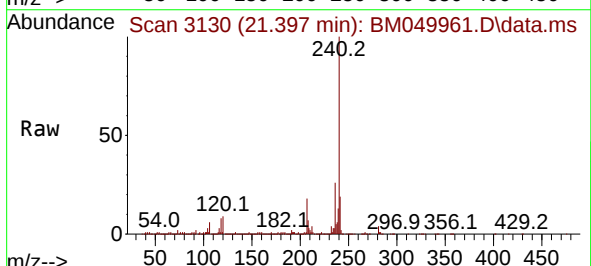
Tgt Ion:240 Resp: 1174556

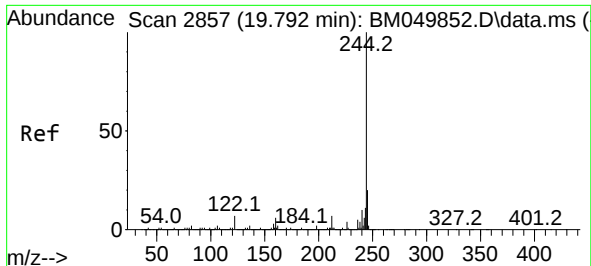
Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 26.0 20.4 30.6

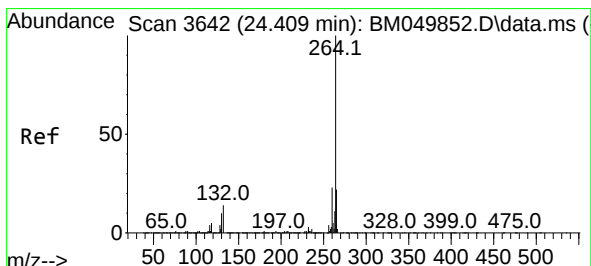
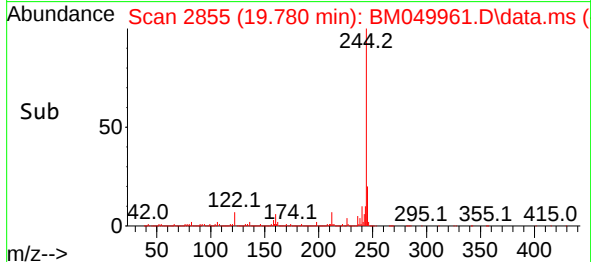
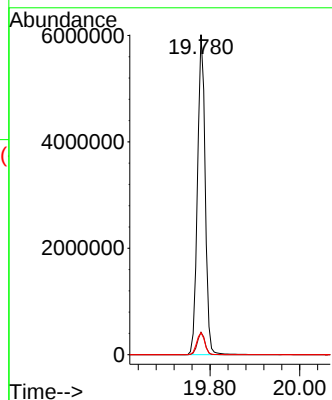
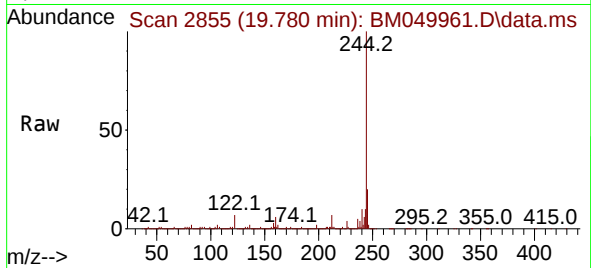




#79
 Terphenyl-d14
 Concen: 114.127 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049961.D
 Acq: 18 Apr 2025 11:44

Instrument :
 BNA_M
 ClientSampleId :
 PB167631BL

Tgt Ion:244 Resp: 7152894
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.9 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 3640
 Delta R.T. -0.012 min
 Lab File: BM049961.D
 Acq: 18 Apr 2025 11:44

Tgt Ion:264 Resp: 1195792
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.3 17.8 26.8

