

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049948.D
 Acq On : 16 Apr 2025 12:05
 Operator : RC/JU
 Sample : PB167587TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167587TB

Quant Time: Apr 16 12:44:18 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	340959	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1139922	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	732723	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1442241	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1379497	20.000	ng	0.00
86) Perylene-d12	24.409	264	1521991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2587891	128.885	ng	0.00
7) Phenol-d6	6.951	99	3096568	123.951	ng	0.00
23) Nitrobenzene-d5	8.928	82	1879437	91.811	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1513490	142.009	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4915373	90.966	ng	-0.01
79) Terphenyl-d14	19.786	244	8274746	112.413	ng	0.00

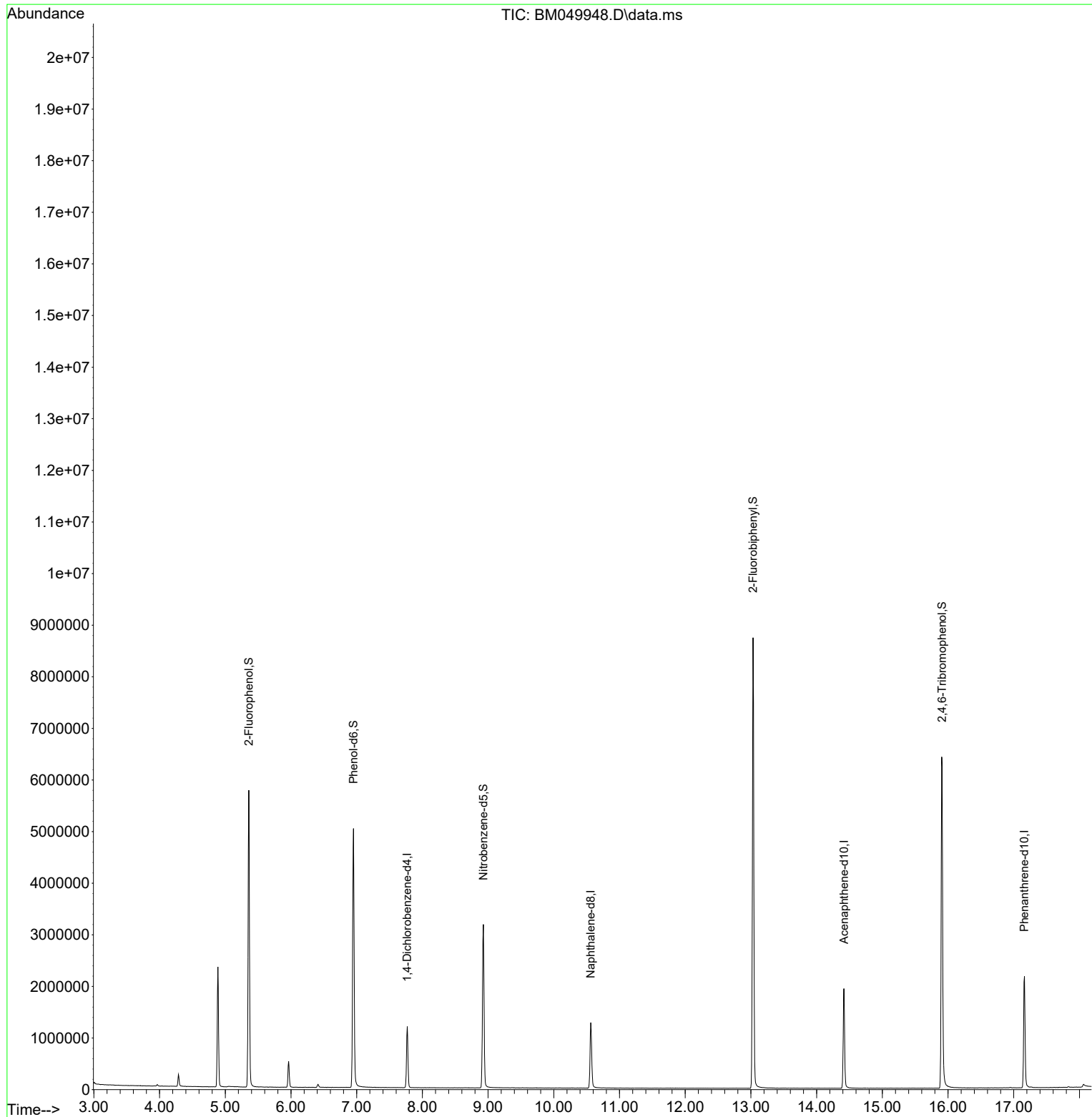
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049948.D
Acq On : 16 Apr 2025 12:05
Operator : RC/JU
Sample : PB167587TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167587TB

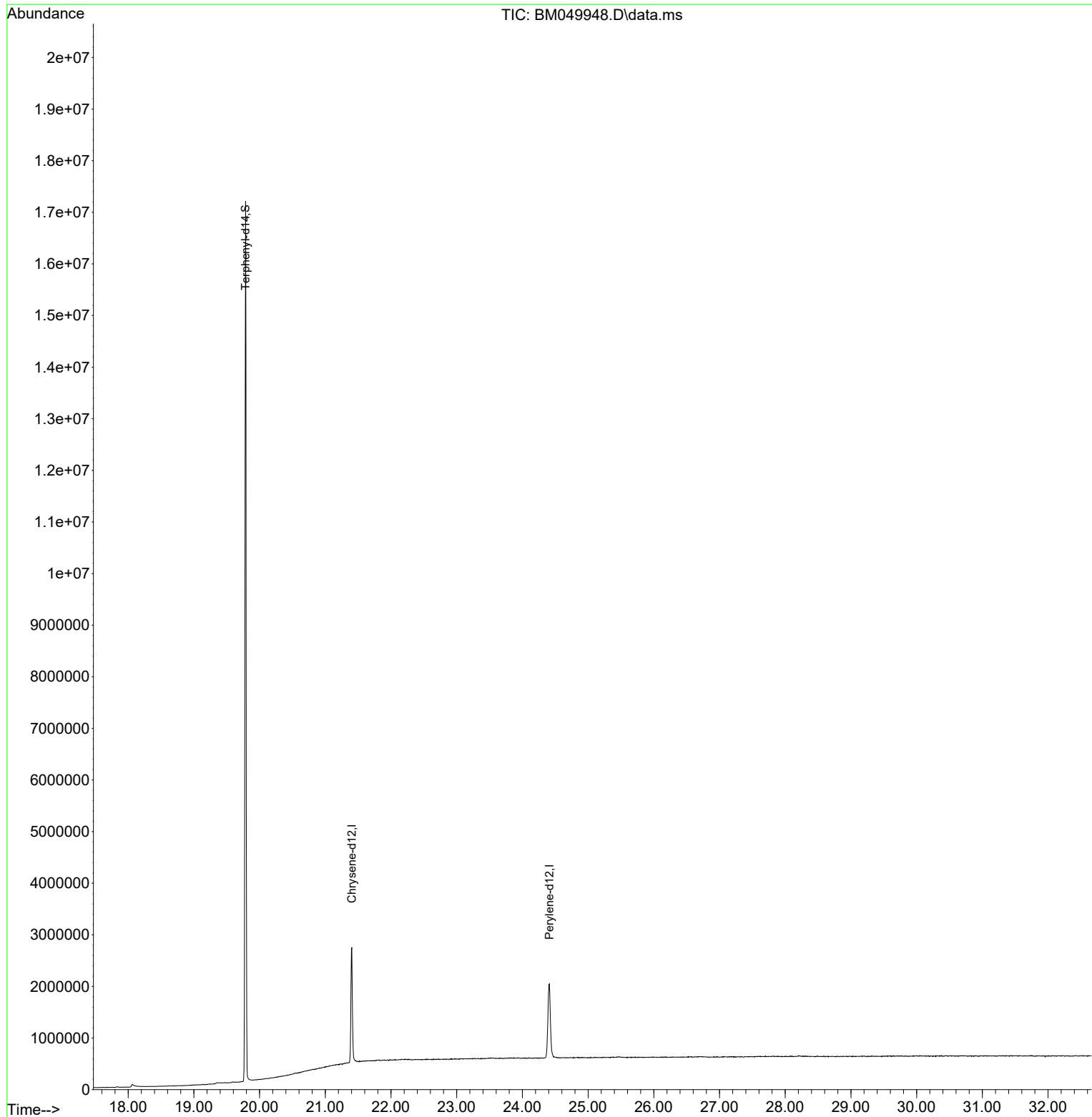
Quant Time: Apr 16 12:44:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

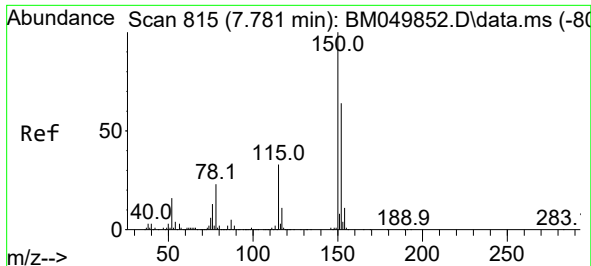


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049948.D
Acq On : 16 Apr 2025 12:05
Operator : RC/JU
Sample : PB167587TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167587TB

Quant Time: Apr 16 12:44:18 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

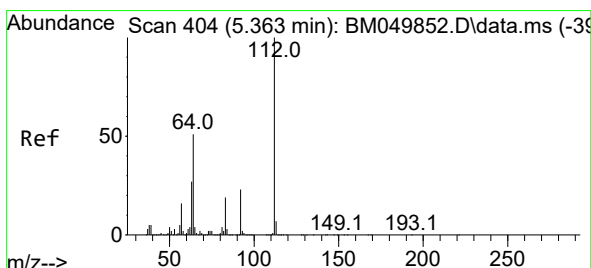
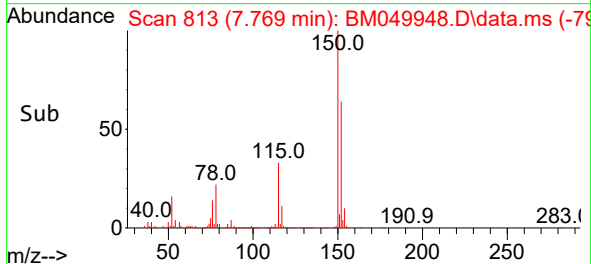
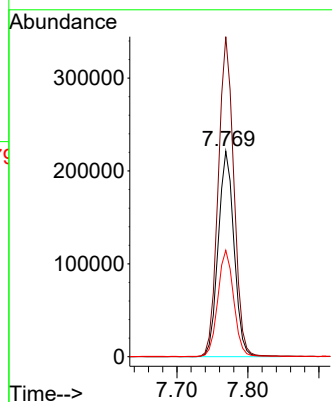
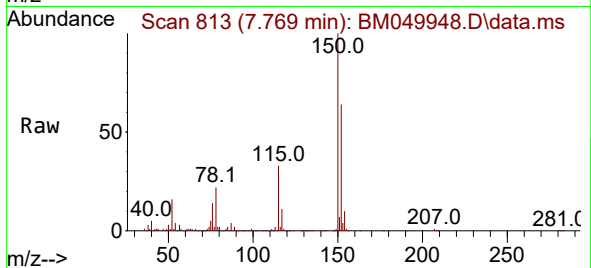




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049948.D
Acq: 16 Apr 2025 12:05

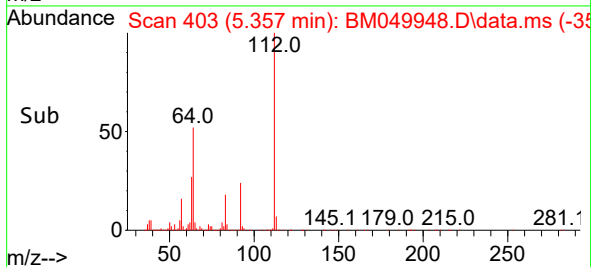
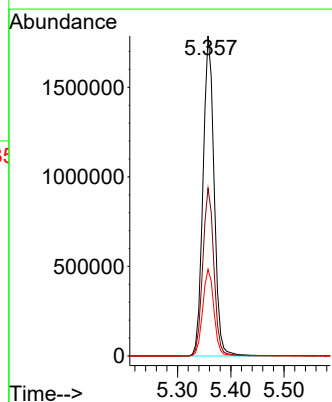
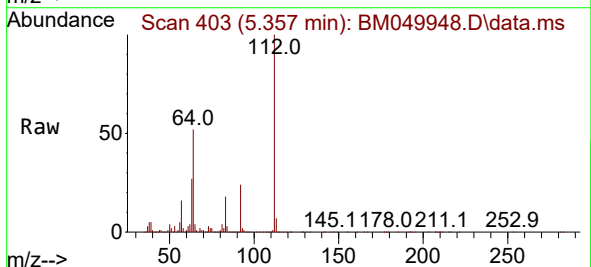
Instrument :
BNA_M
ClientSampleId :
PB167587TB

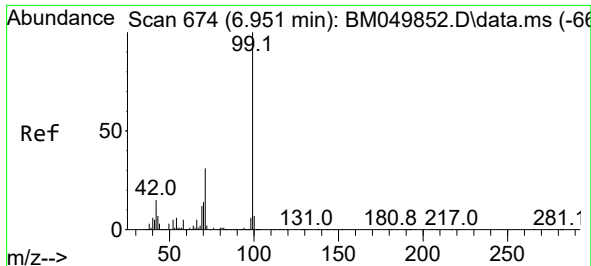
Tgt Ion:152 Resp: 340959
Ion Ratio Lower Upper
152 100
150 155.8 124.3 186.5
115 51.8 41.1 61.7



#5
2-Fluorophenol
Concen: 128.885 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049948.D
Acq: 16 Apr 2025 12:05

Tgt Ion:112 Resp: 2587891
Ion Ratio Lower Upper
112 100
64 52.4 41.0 61.6
63 27.0 21.5 32.3

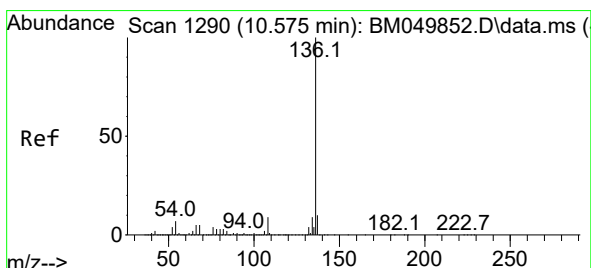
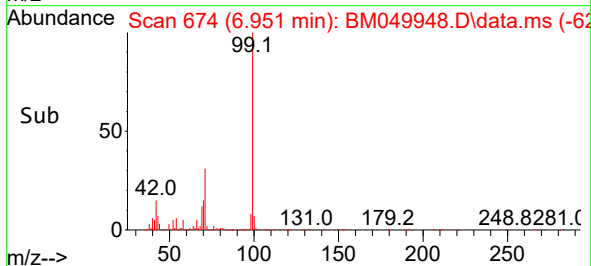
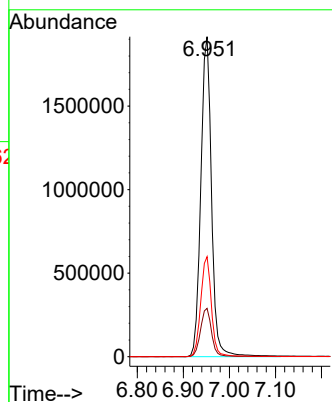
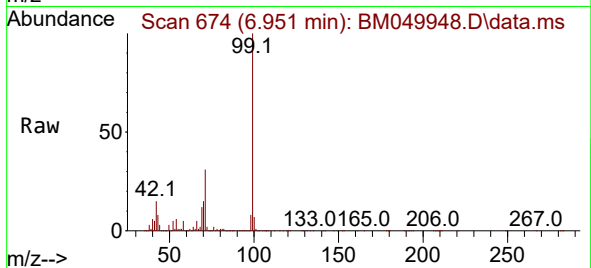




#7
Phenol-d6
Concen: 123.951 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049948.D
Acq: 16 Apr 2025 12:05

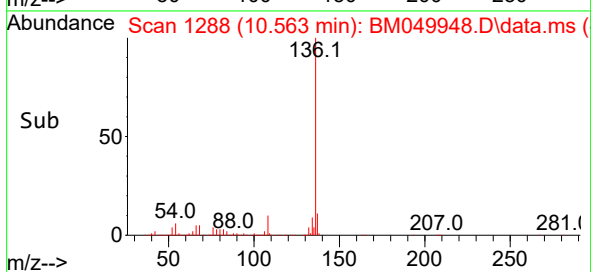
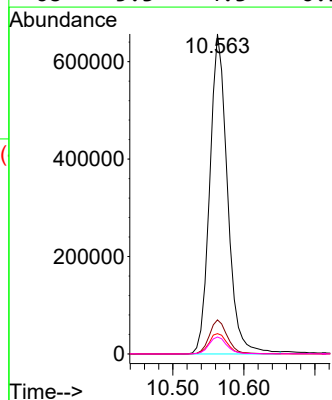
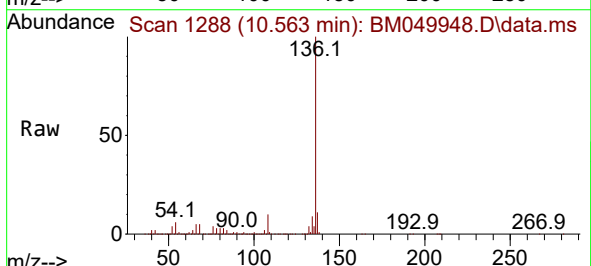
Instrument :
BNA_M
ClientSampleId :
PB167587TB

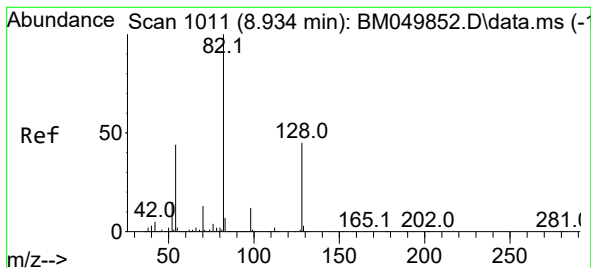
Tgt Ion: 99 Resp: 3096568
Ion Ratio Lower Upper
99 100
42 15.1 12.1 18.1
71 31.3 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049948.D
Acq: 16 Apr 2025 12:05

Tgt Ion:136 Resp: 1139922
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 6.4 5.3 7.9
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 91.811 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM049948.D

Acq: 16 Apr 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB167587TB

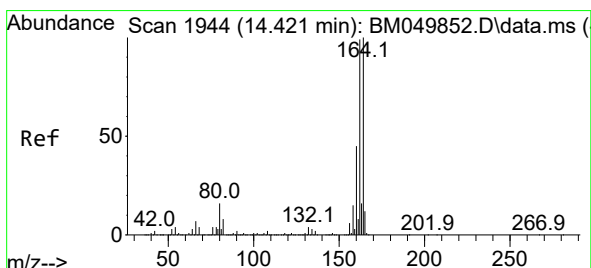
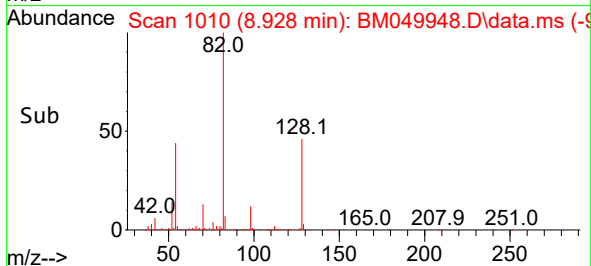
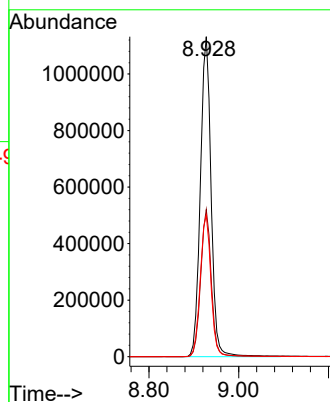
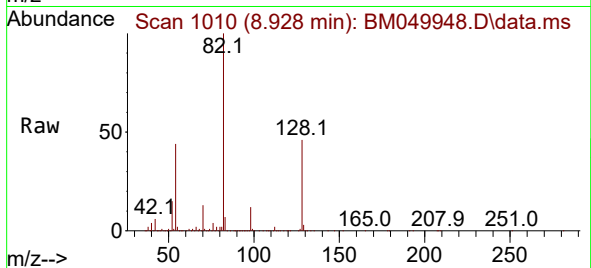
Tgt Ion: 82 Resp: 1879437

Ion Ratio Lower Upper

82 100

128 46.0 36.2 54.2

54 44.2 35.0 52.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BM049948.D

Acq: 16 Apr 2025 12:05

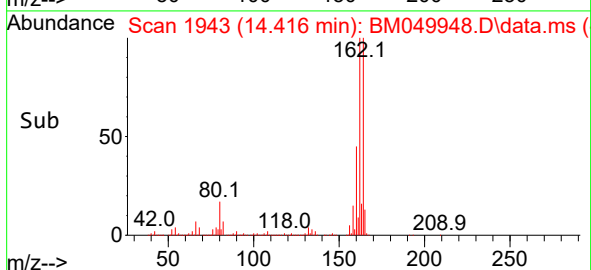
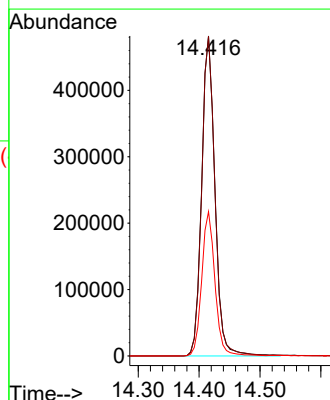
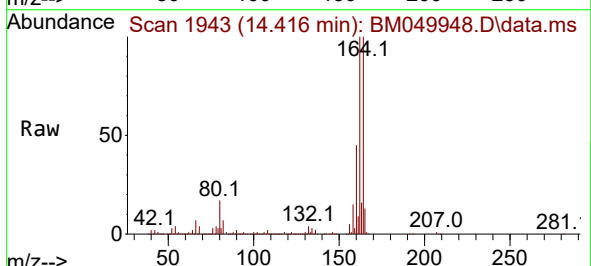
Tgt Ion:164 Resp: 732723

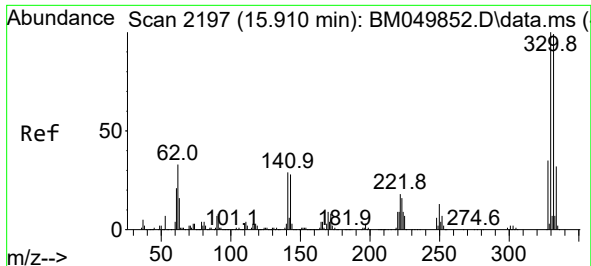
Ion Ratio Lower Upper

164 100

162 99.8 79.4 119.0

160 45.1 36.2 54.2

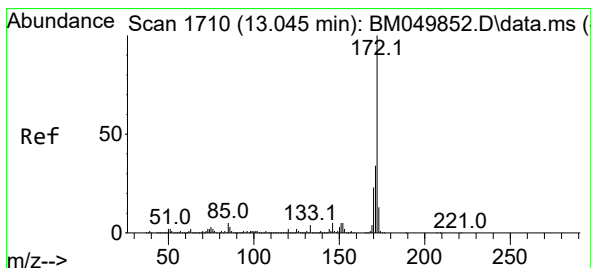
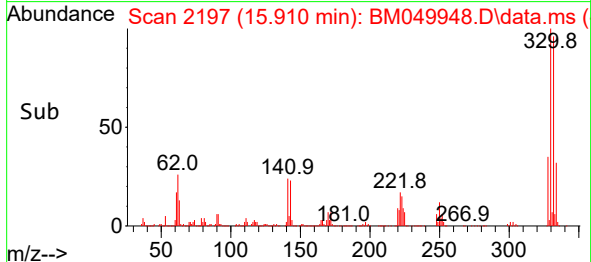
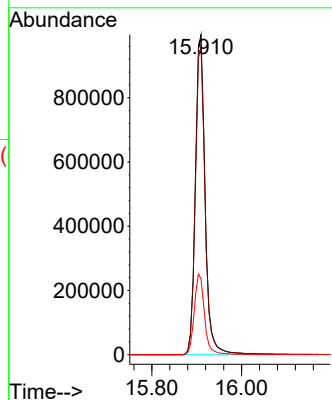
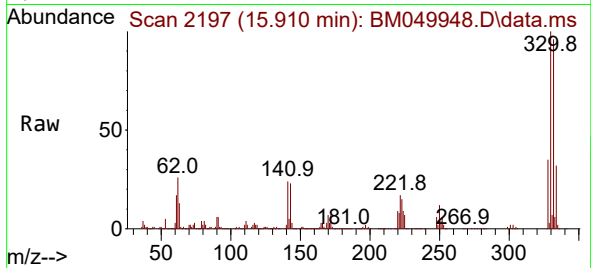




#42
2,4,6-Tribromophenol
Concen: 142.009 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049948.D
Acq: 16 Apr 2025 12:05

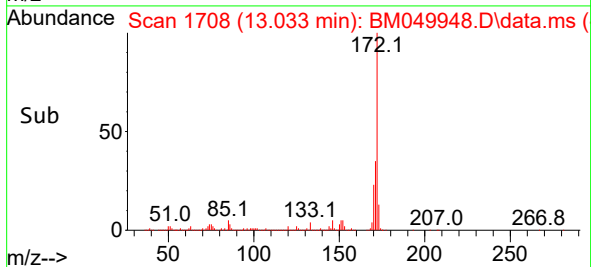
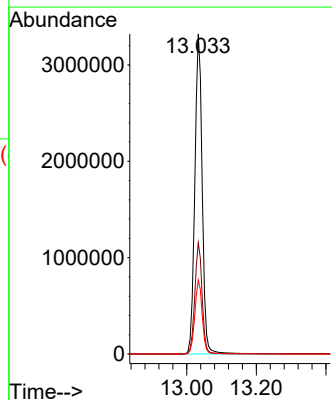
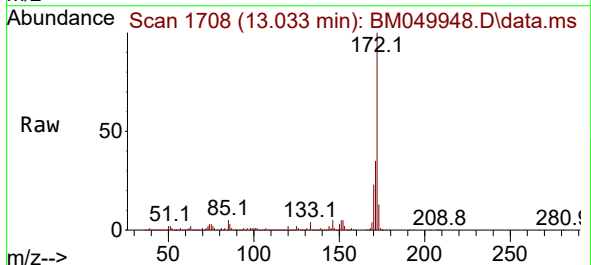
Instrument :
BNA_M
ClientSampleId :
PB167587TB

Tgt Ion:330 Resp: 1513490
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 26.5 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 90.966 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049948.D
Acq: 16 Apr 2025 12:05

Tgt Ion:172 Resp: 4915373
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM049948.D

Acq: 16 Apr 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB167587TB

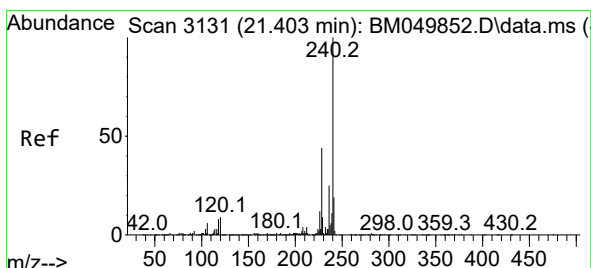
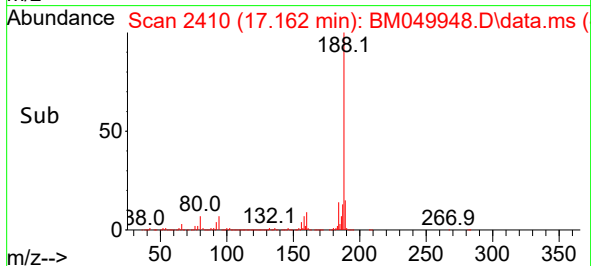
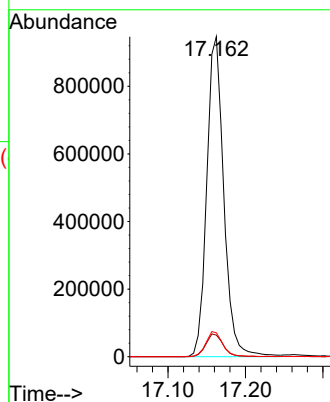
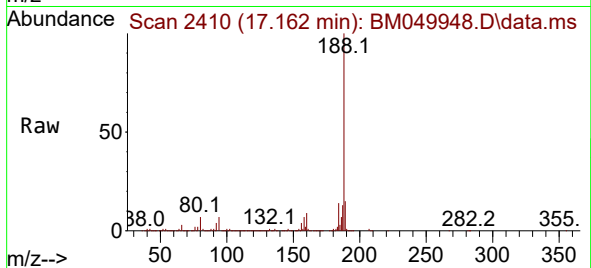
Tgt Ion:188 Resp: 1442241

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 7.4 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM049948.D

Acq: 16 Apr 2025 12:05

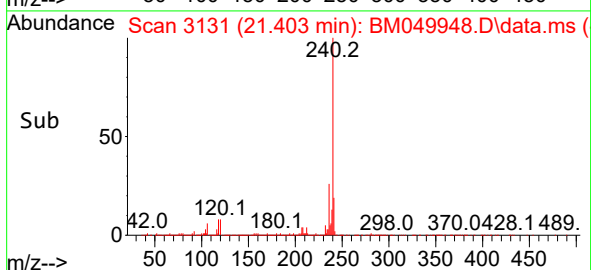
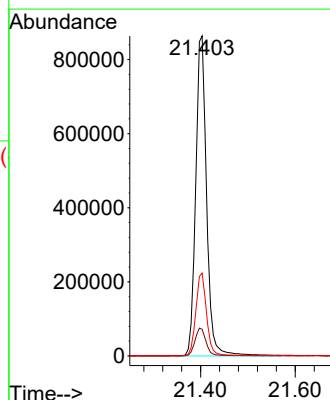
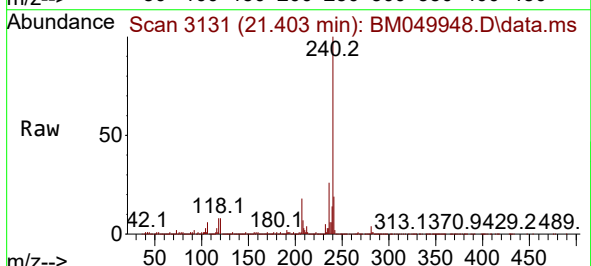
Tgt Ion:240 Resp: 1379497

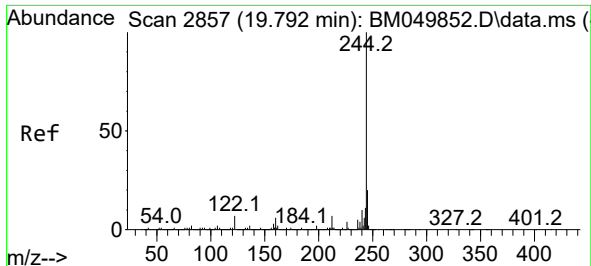
Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 25.9 20.4 30.6

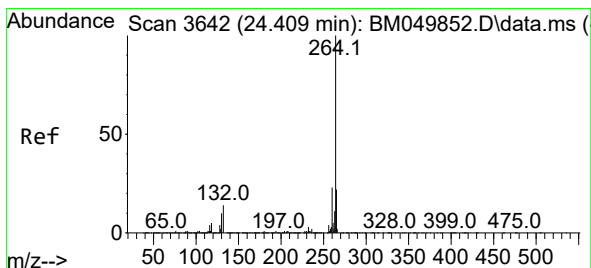
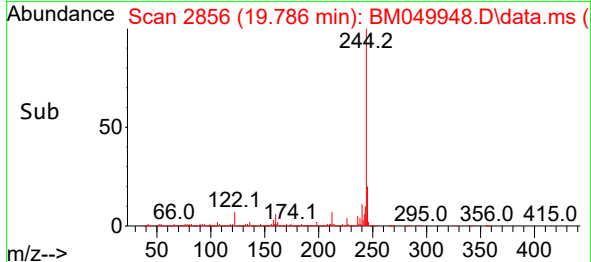
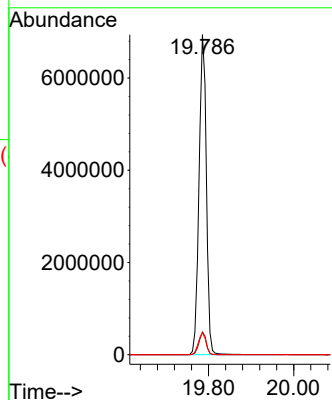
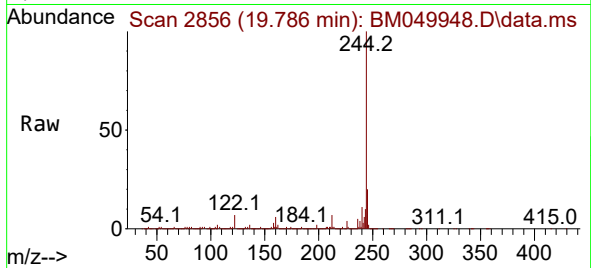




#79
 Terphenyl-d14
 Concen: 112.413 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049948.D
 Acq: 16 Apr 2025 12:05

Instrument :
 BNA_M
 ClientSampleId :
 PB167587TB

Tgt Ion:244 Resp: 8274746
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 6.8 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.409 min Scan# 3642
 Delta R.T. 0.000 min
 Lab File: BM049948.D
 Acq: 16 Apr 2025 12:05

Tgt Ion:264 Resp: 1521991
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.3 17.8 26.8

