

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049937.D
 Acq On : 15 Apr 2025 16:33
 Operator : RC/JU
 Sample : Q1807-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-041425

Quant Time: Apr 15 17:18:28 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	470902	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1544386	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	926001	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1710368	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1618309	20.000	ng	0.00
86) Perylene-d12	24.403	264	1875827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1980084	71.402	ng	0.00
7) Phenol-d6	6.952	99	2411214	69.884	ng	0.00
23) Nitrobenzene-d5	8.928	82	1428615	51.511	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1122531	83.342	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	3400921	49.802	ng	-0.01
79) Terphenyl-d14	19.786	244	4538607	52.558	ng	0.00

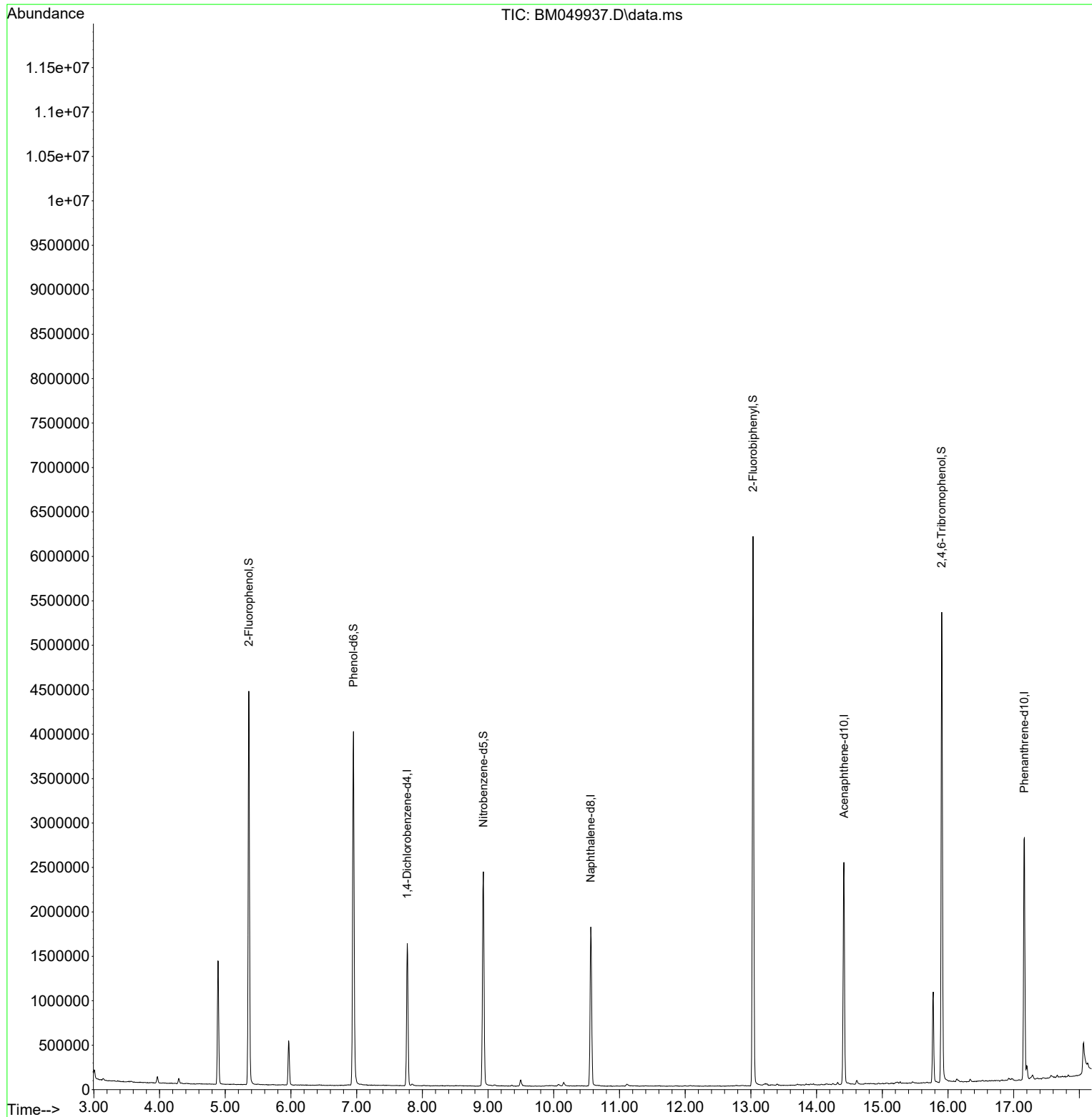
Target Compounds	Qvalue

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

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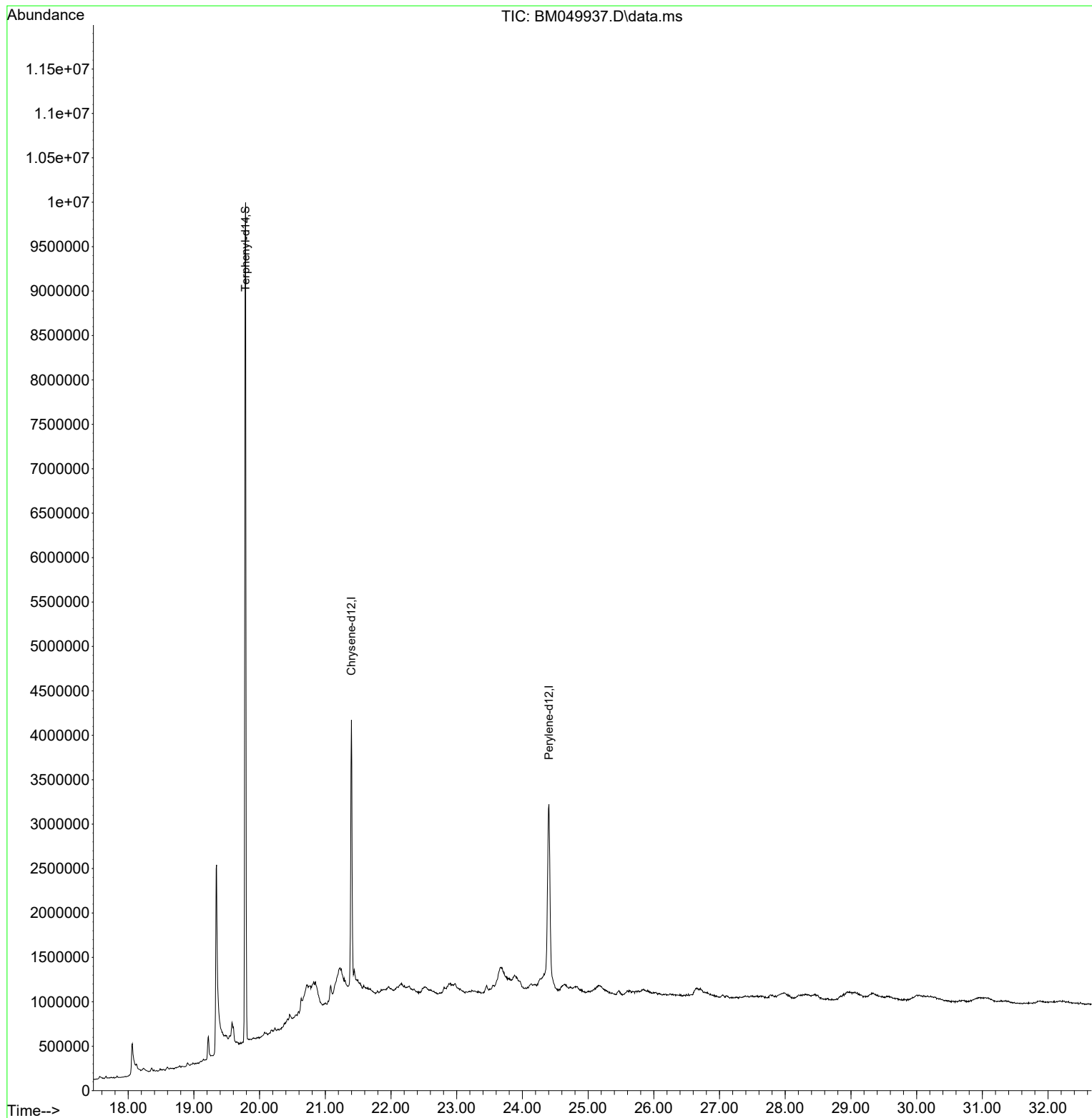
Quant Time: Apr 15 17:18:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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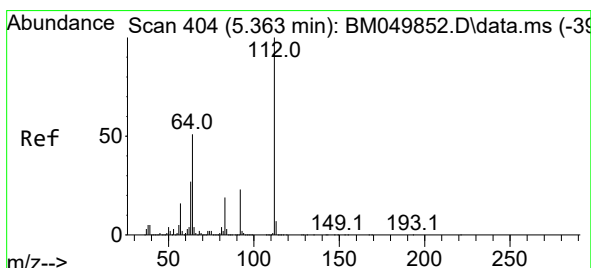
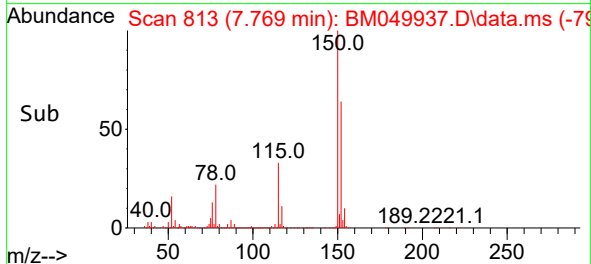
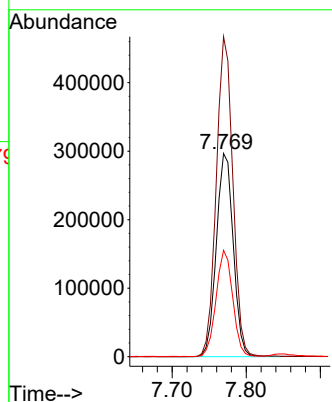
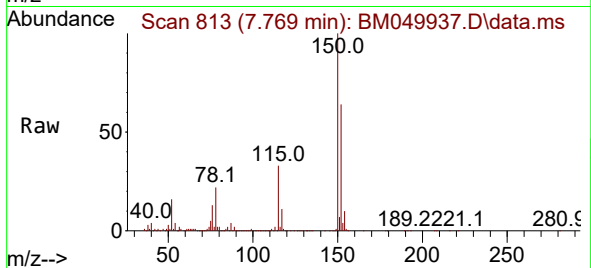




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049937.D
Acq: 15 Apr 2025 16:33

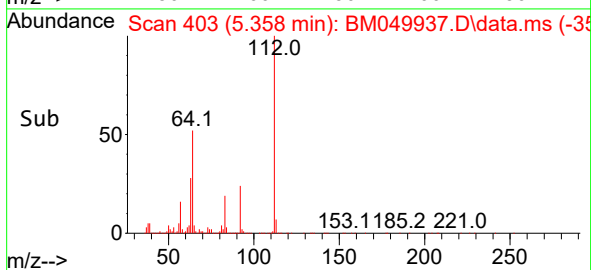
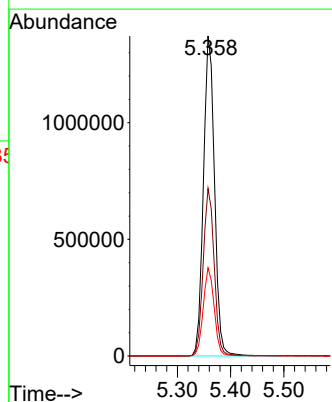
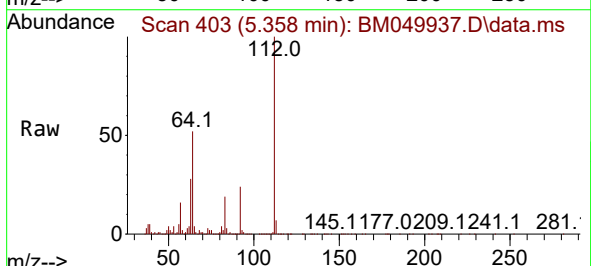
Instrument :
BNA_M
ClientSampleId :
OK-02-041425

Tgt Ion:152 Resp: 470902
Ion Ratio Lower Upper
152 100
150 157.5 124.3 186.5
115 52.4 41.1 61.7



#5
2-Fluorophenol
Concen: 71.402 ng
RT: 5.358 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049937.D
Acq: 15 Apr 2025 16:33

Tgt Ion:112 Resp: 1980084
Ion Ratio Lower Upper
112 100
64 52.3 41.0 61.6
63 27.5 21.5 32.3

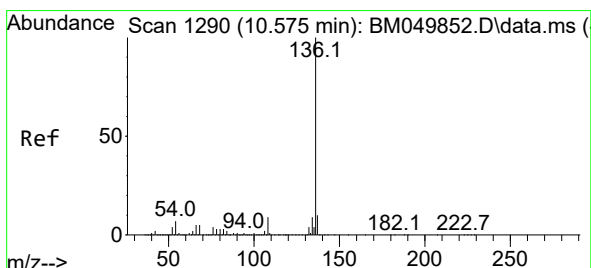
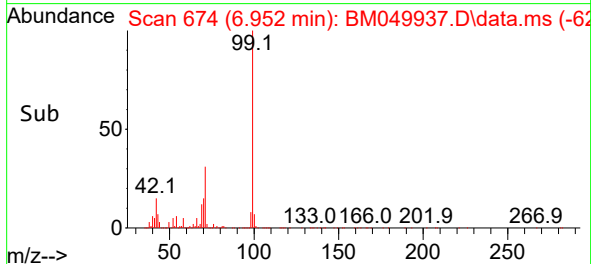
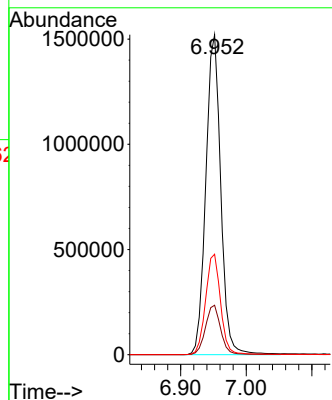
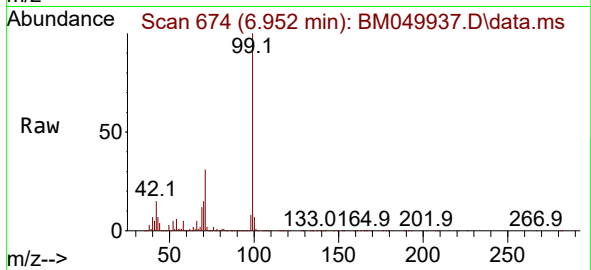




#7
Phenol-d6
Concen: 69.884 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049937.D
Acq: 15 Apr 2025 16:33

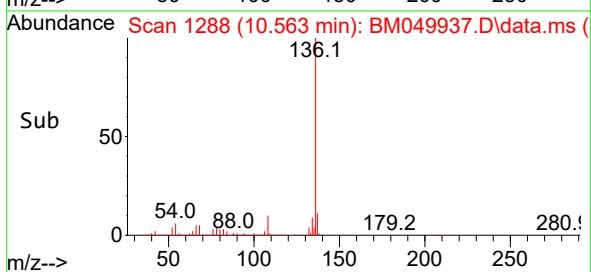
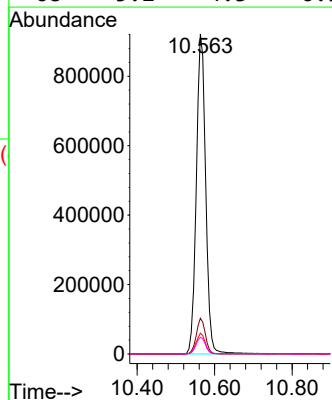
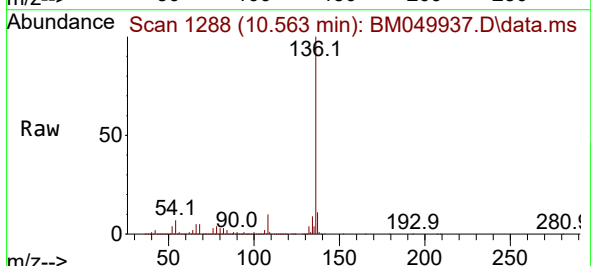
Instrument :
BNA_M
ClientSampleId :
OK-02-041425

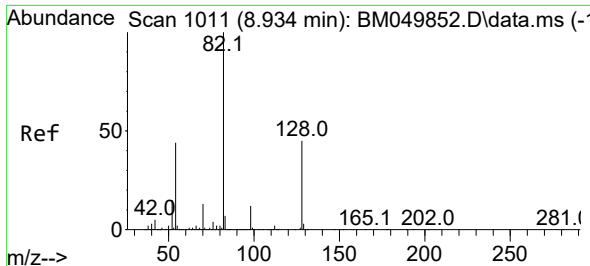
Tgt Ion: 99 Resp: 2411214
Ion Ratio Lower Upper
99 100
42 15.5 12.1 18.1
71 31.4 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.011 min
Lab File: BM049937.D
Acq: 15 Apr 2025 16:33

Tgt Ion: 136 Resp: 1544386
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.5 5.3 7.9
68 5.2 4.3 6.5



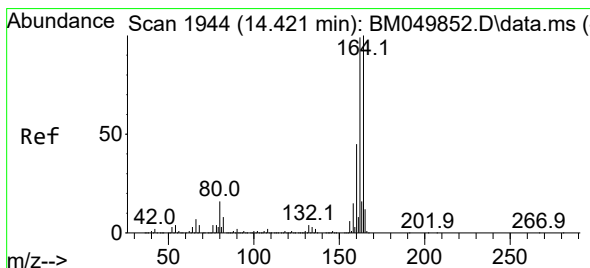
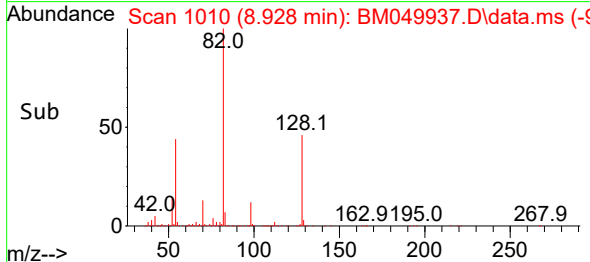
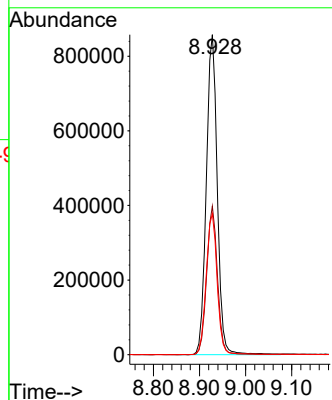
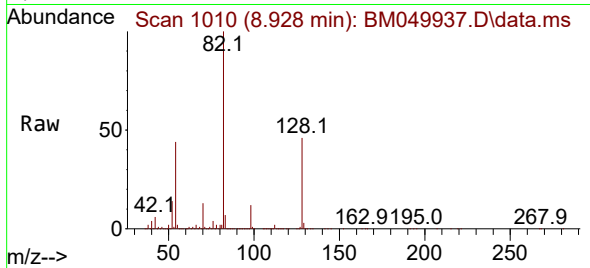


#23
 Nitrobenzene-d5
 Concen: 51.511 ng
 RT: 8.928 min Scan# 1010
 Delta R.T. -0.006 min
 Lab File: BM049937.D
 Acq: 15 Apr 2025 16:33

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-041425

Tgt Ion: 82 Resp: 1428615

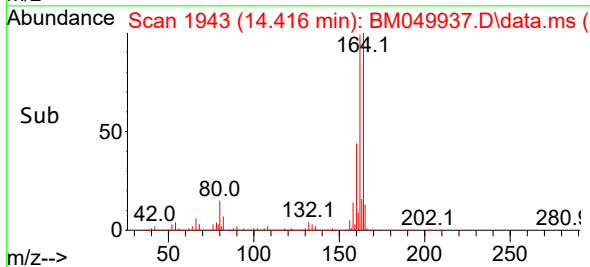
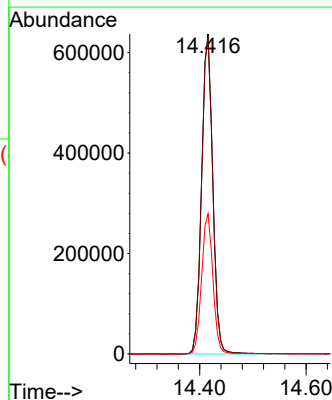
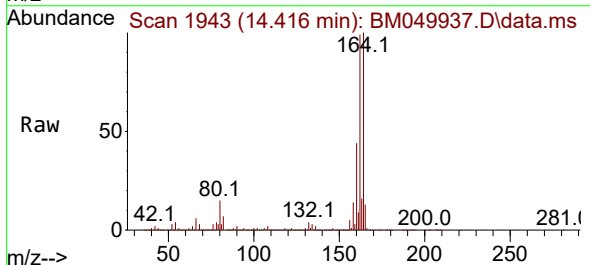
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.2	54.2
54	44.0	35.0	52.6

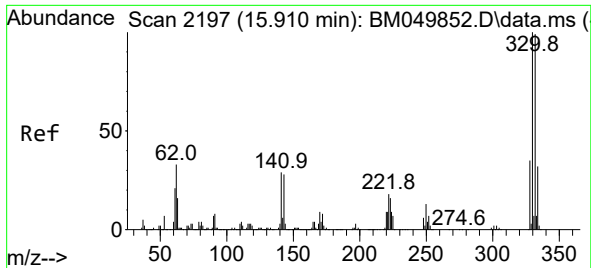


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.416 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: BM049937.D
 Acq: 15 Apr 2025 16:33

Tgt Ion: 164 Resp: 926001

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	43.8	36.2	54.2

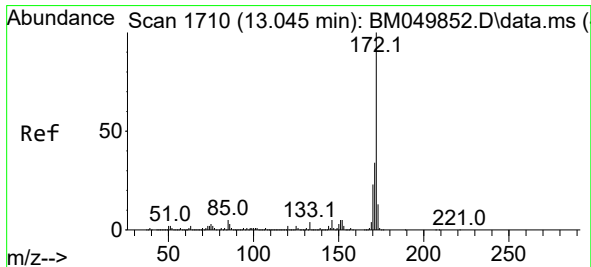
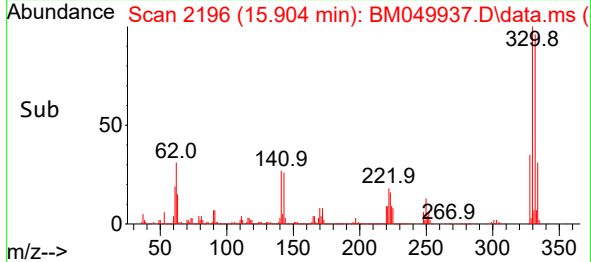
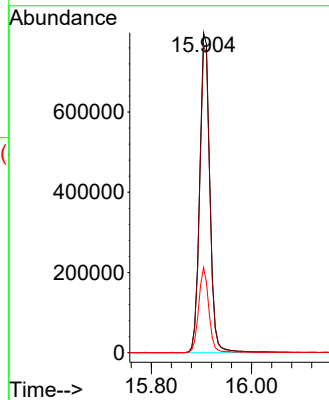
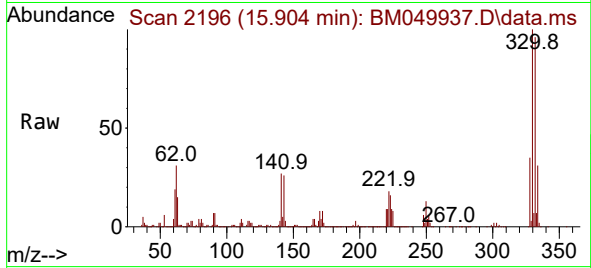




#42
2,4,6-Tribromophenol
Concen: 83.342 ng
RT: 15.904 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BM049937.D
Acq: 15 Apr 2025 16:33

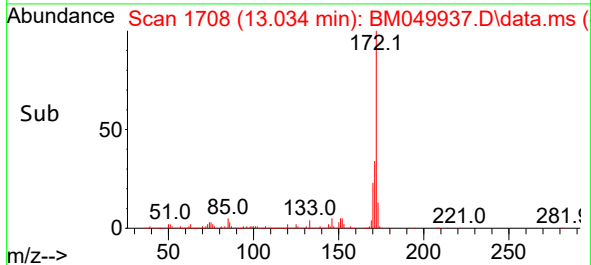
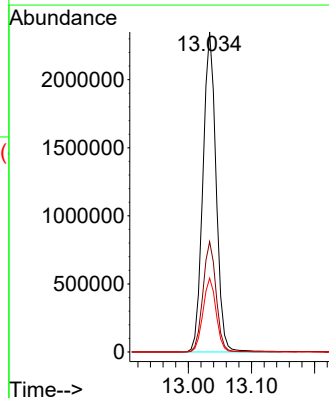
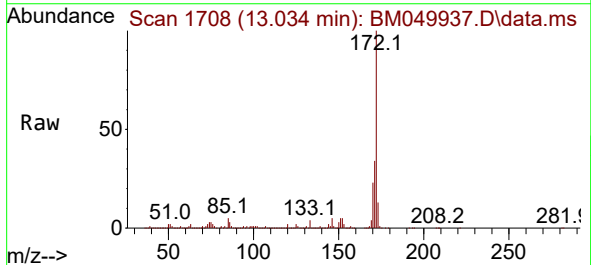
Instrument :
BNA_M
ClientSampleId :
OK-02-041425

Tgt Ion:330 Resp: 1122531
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 26.5 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 49.802 ng
RT: 13.034 min Scan# 1708
Delta R.T. -0.011 min
Lab File: BM049937.D
Acq: 15 Apr 2025 16:33

Tgt Ion:172 Resp: 3400921
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.2
170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM049937.D

Acq: 15 Apr 2025 16:33

Instrument :

BNA_M

ClientSampleId :

OK-02-041425

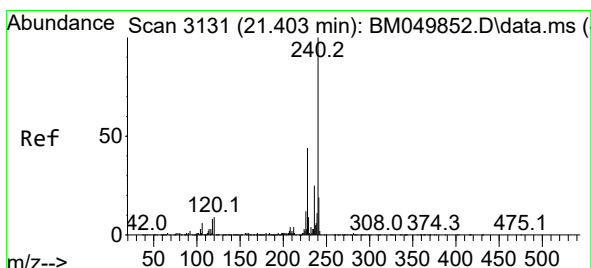
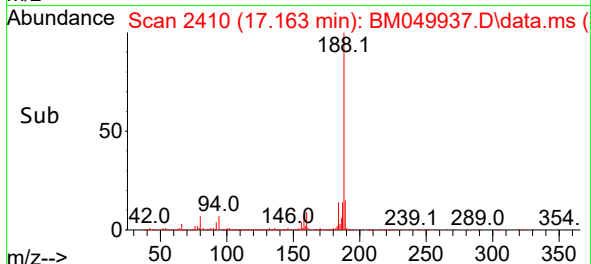
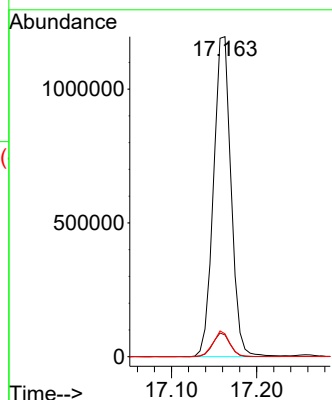
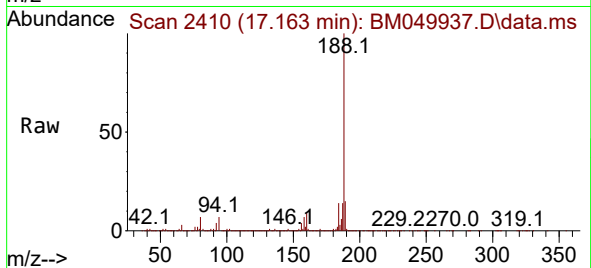
Tgt Ion:188 Resp: 1710368

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

80 7.1 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049937.D

Acq: 15 Apr 2025 16:33

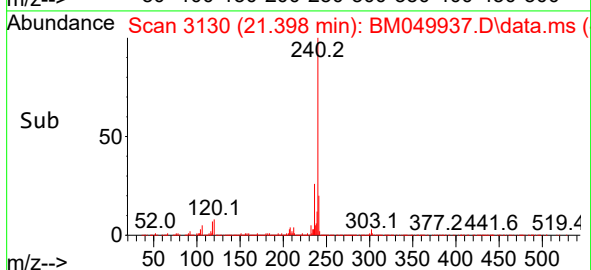
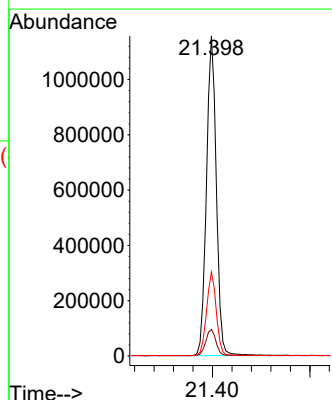
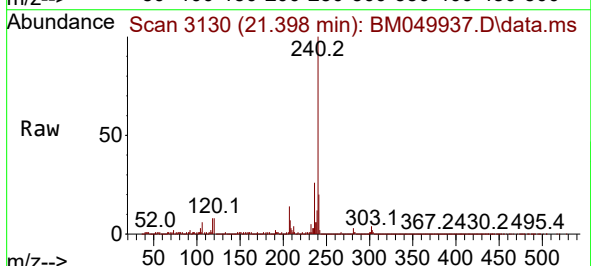
Tgt Ion:240 Resp: 1618309

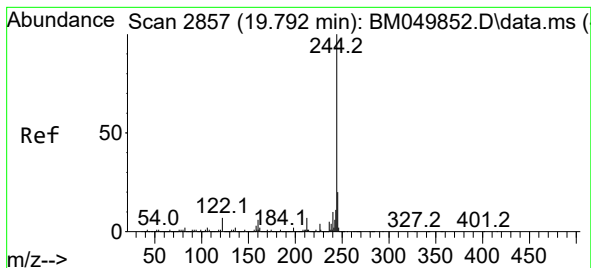
Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 26.2 20.4 30.6





#79

Terphenyl-d14

Concen: 52.558 ng

RT: 19.786 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM049937.D

Acq: 15 Apr 2025 16:33

Instrument :

BNA_M

ClientSampleId :

OK-02-041425

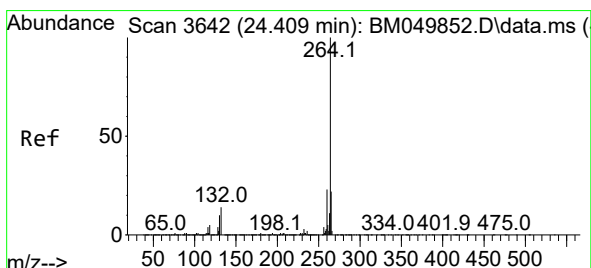
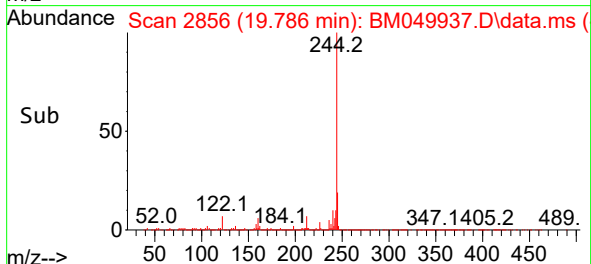
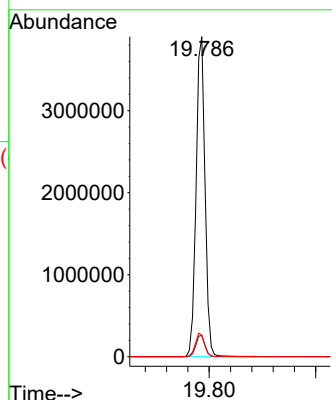
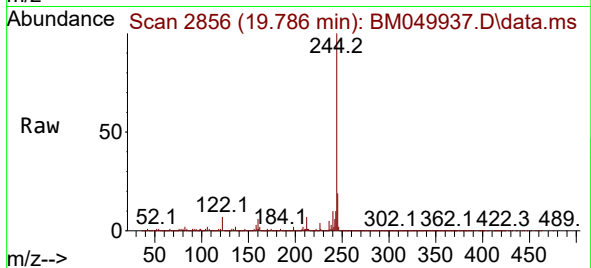
Tgt Ion:244 Resp: 4538607

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 6.8 5.4 8.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.403 min Scan# 3641

Delta R.T. -0.006 min

Lab File: BM049937.D

Acq: 15 Apr 2025 16:33

Tgt Ion:264 Resp: 1875827

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.2 17.8 26.8

