

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025667.D
 Acq On : 04 Sep 2025 19:37
 Operator : CG/JU
 Sample : PB169499BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169499BL

Quant Time: Sep 05 01:12:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	124793	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	474218	20.000	ng	-0.02
39) Acenaphthene-d10	14.401	164	299167	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	642298	20.000	ng	0.00
76) Chrysene-d12	21.642	240	760979	20.000	ng	0.00
86) Perylene-d12	25.012	264	816888	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1093485	145.517	ng	-0.02
7) Phenol-d6	6.960	99	1325675	137.601	ng	0.00
23) Nitrobenzene-d5	8.913	82	875028	93.340	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	639072	158.704	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1971589	90.068	ng	-0.01
79) Terphenyl-d14	19.924	244	3733830	89.770	ng	0.00

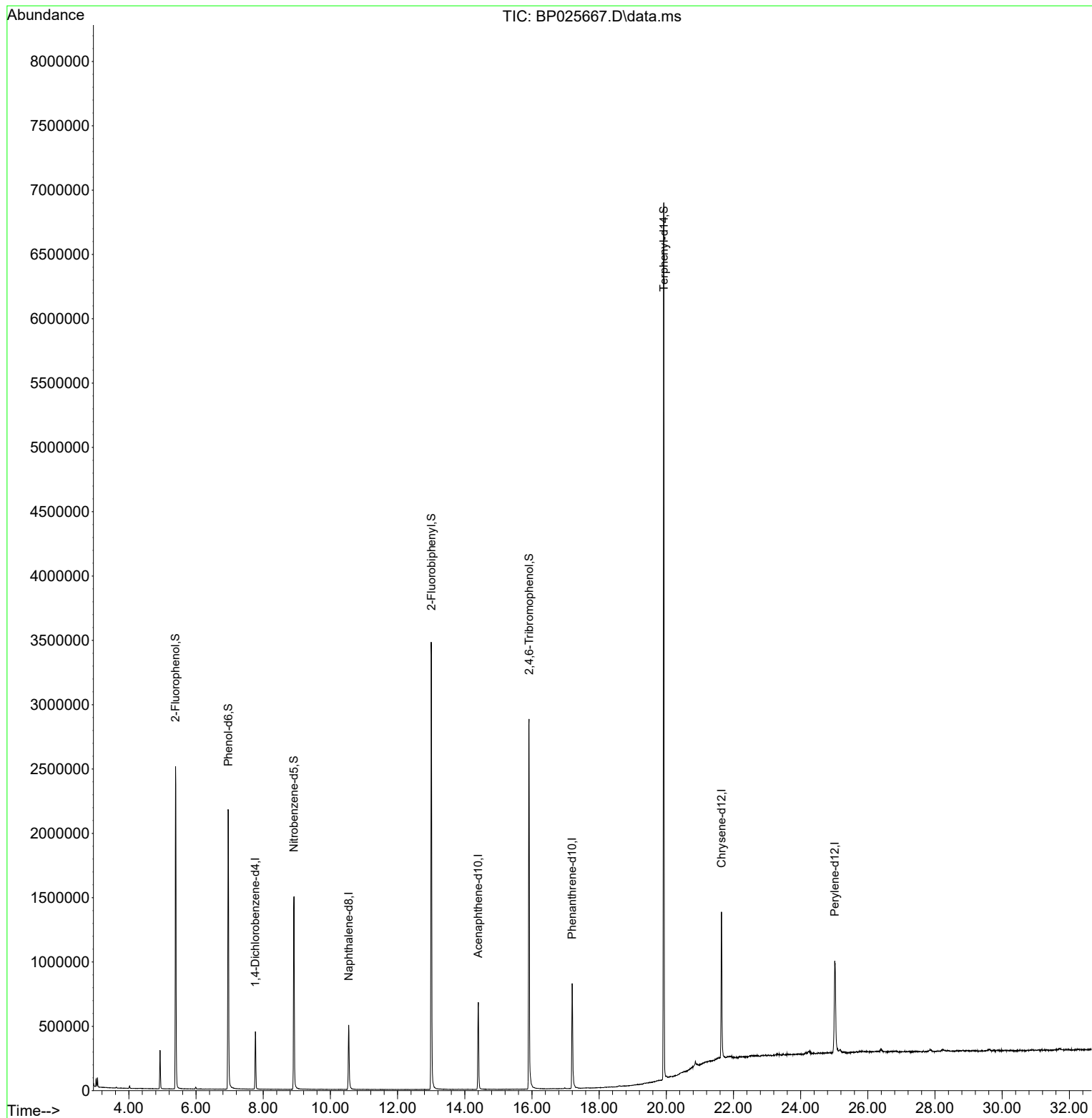
Target Compounds	Qvalue

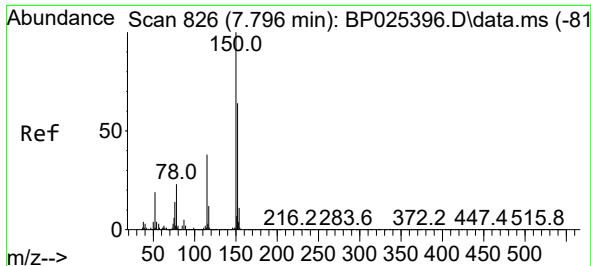
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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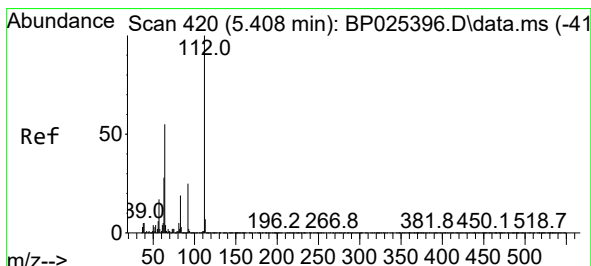
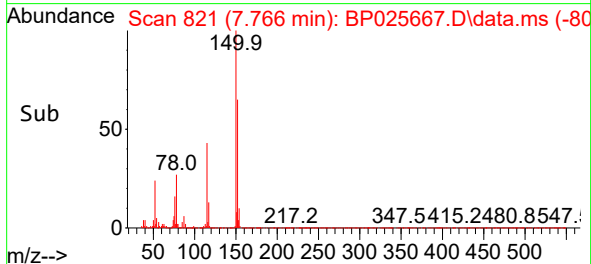
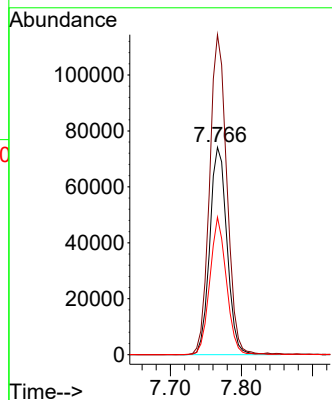
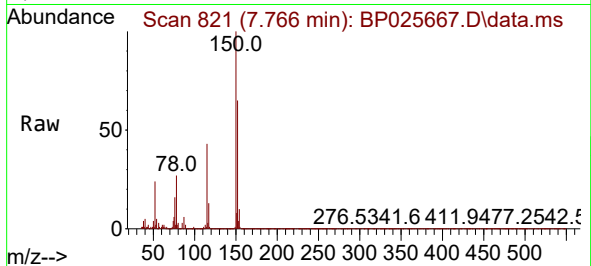




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP025667.D
Acq: 04 Sep 2025 19:37

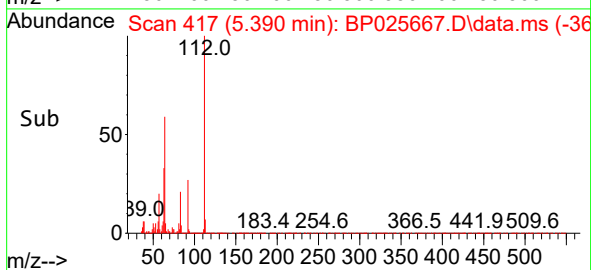
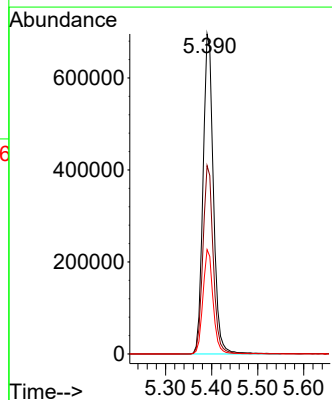
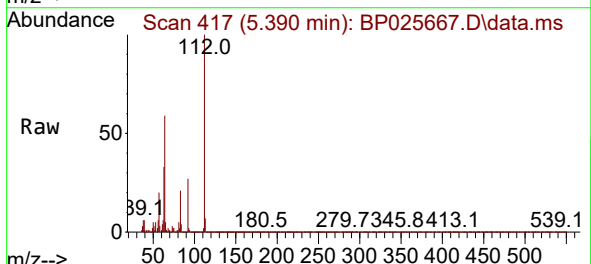
Instrument :
BNA_P
ClientSampleId :
PB169499BL

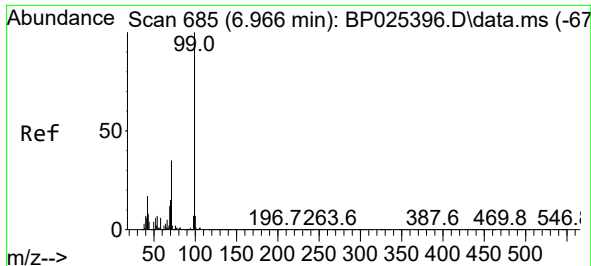
Tgt Ion:152 Resp: 124793
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 66.3 48.5 72.7



#5
2-Fluorophenol
Concen: 145.517 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.018 min
Lab File: BP025667.D
Acq: 04 Sep 2025 19:37

Tgt Ion:112 Resp: 1093485
Ion Ratio Lower Upper
112 100
64 58.9 43.8 65.8
63 32.6 22.7 34.1

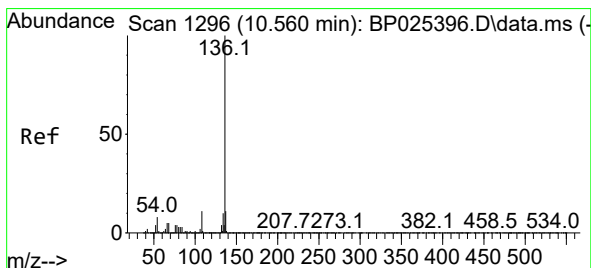
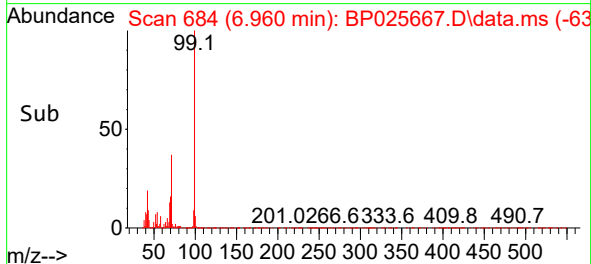
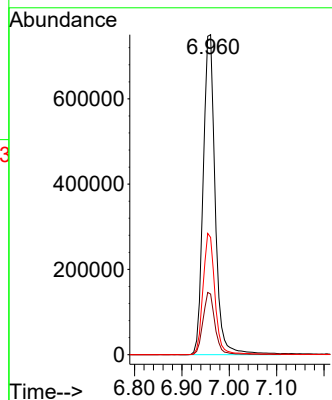
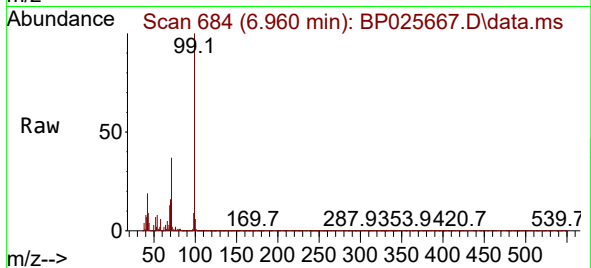




#7
Phenol-d6
Concen: 137.601 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025667.D
Acq: 04 Sep 2025 19:37

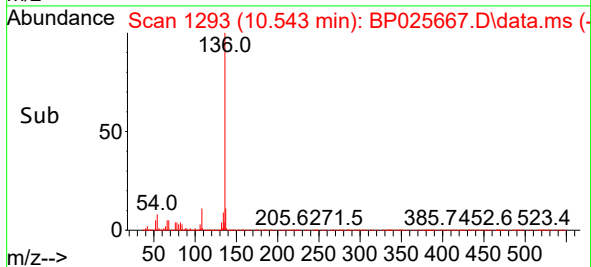
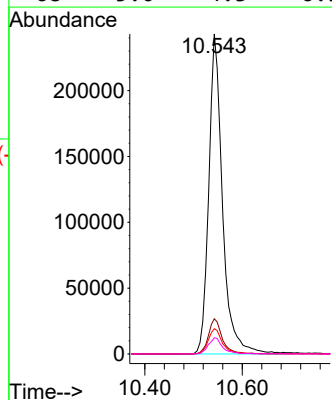
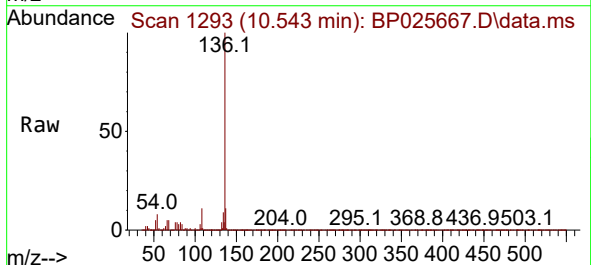
Instrument :
BNA_P
ClientSampleId :
PB169499BL

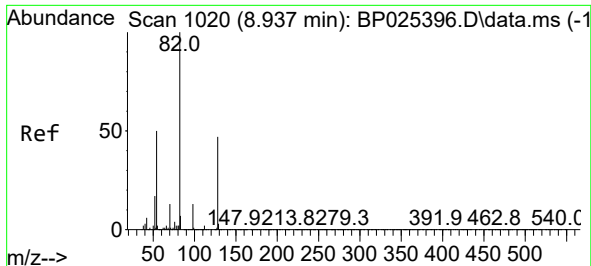
Tgt Ion: 99 Resp: 1325675
Ion Ratio Lower Upper
99 100
42 18.9 13.7 20.5
71 36.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025667.D
Acq: 04 Sep 2025 19:37

Tgt Ion: 136 Resp: 474218
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.9 6.0 9.0
68 5.0 4.3 6.5

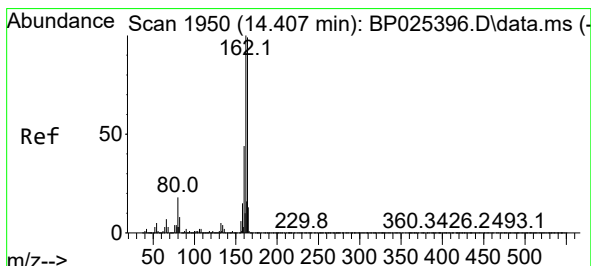
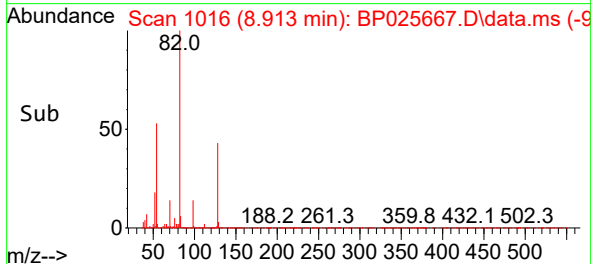
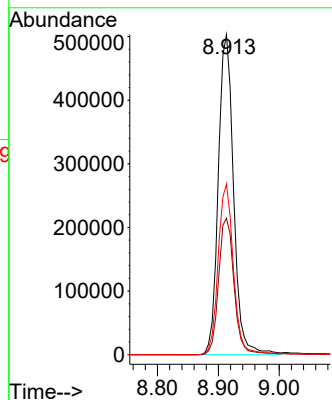
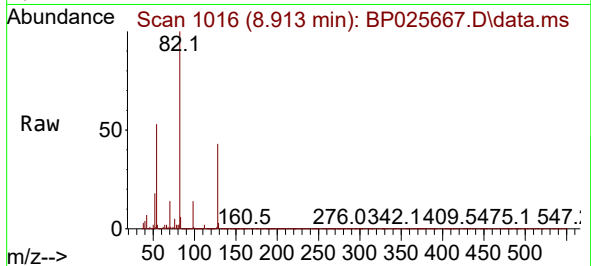




#23
 Nitrobenzene-d5
 Concen: 93.340 ng
 RT: 8.913 min Scan# 1016
 Delta R.T. -0.024 min
 Lab File: BP025667.D
 Acq: 04 Sep 2025 19:37

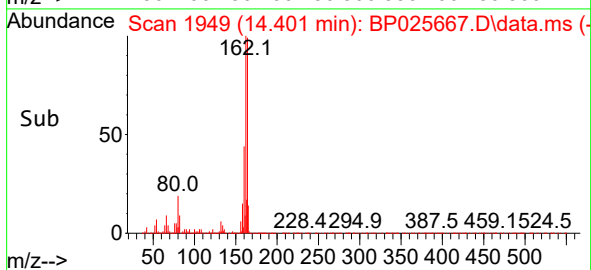
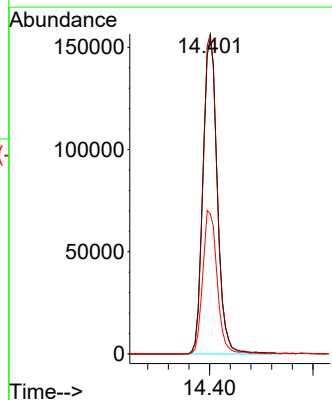
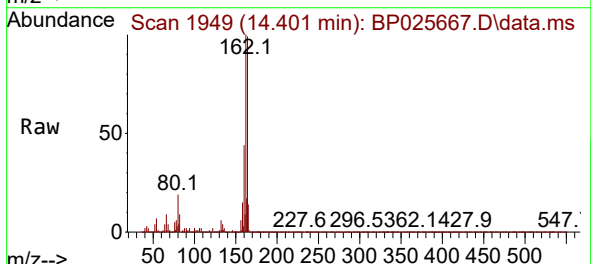
Instrument :
 BNA_P
 ClientSampleId :
 PB169499BL

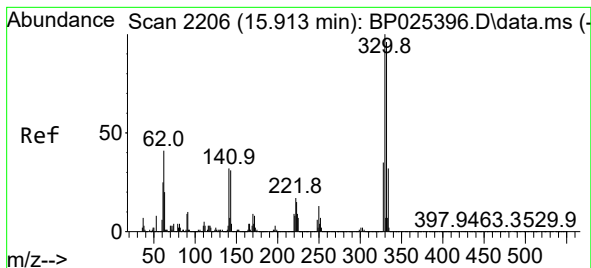
Tgt Ion: 82 Resp: 875028
 Ion Ratio Lower Upper
 82 100
 128 42.7 37.7 56.5
 54 53.3 39.8 59.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.401 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: BP025667.D
 Acq: 04 Sep 2025 19:37

Tgt Ion:164 Resp: 299167
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.0 121.6
 160 44.4 35.4 53.2

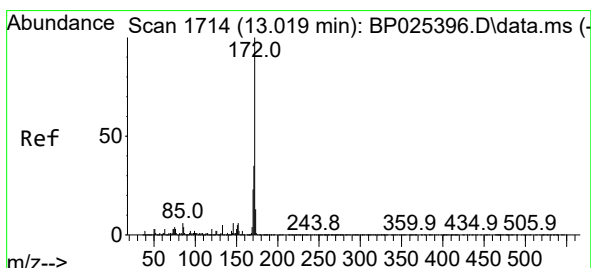
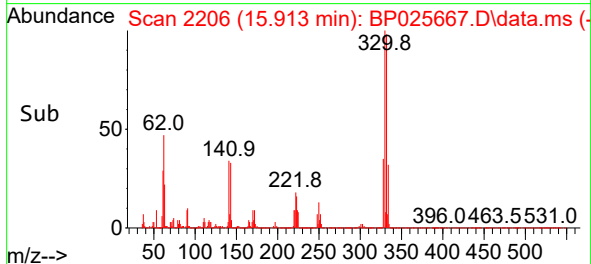
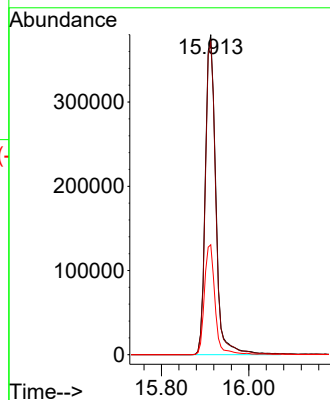
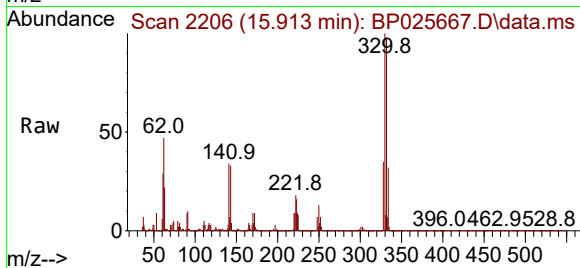




#42
2,4,6-Tribromophenol
Concen: 158.704 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025667.D
Acq: 04 Sep 2025 19:37

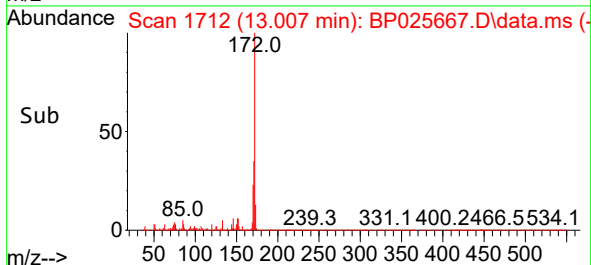
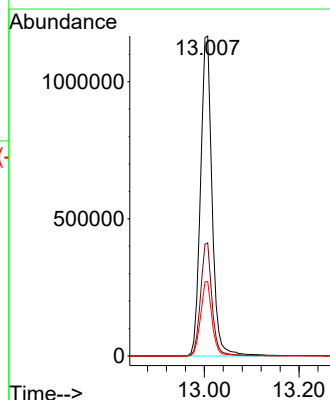
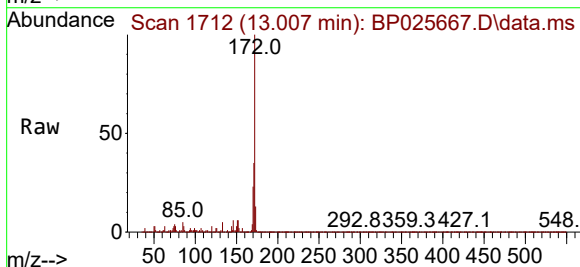
Instrument :
BNA_P
ClientSampleId :
PB169499BL

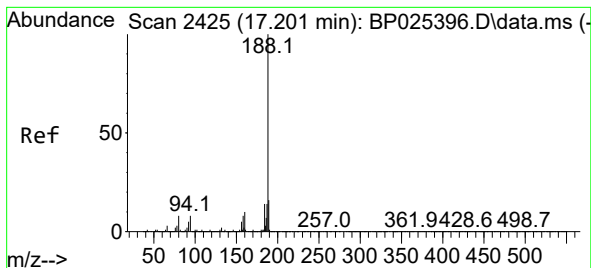
Tgt Ion:330 Resp: 639072
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 34.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 90.068 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025667.D
Acq: 04 Sep 2025 19:37

Tgt Ion:172 Resp: 1971589
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025667.D

Acq: 04 Sep 2025 19:37

Instrument :

BNA_P

ClientSampleId :

PB169499BL

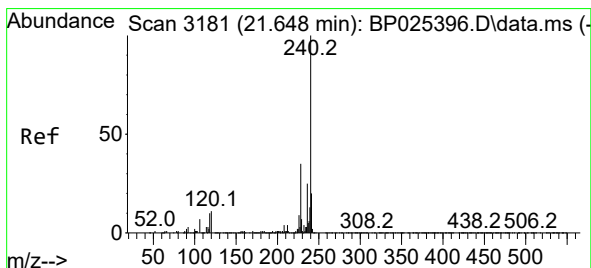
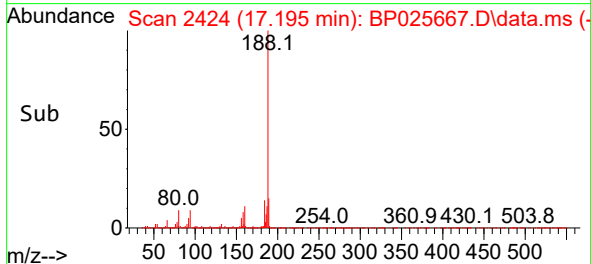
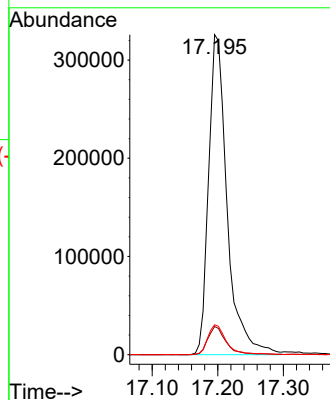
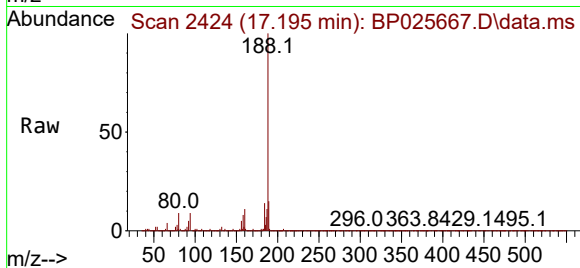
Tgt Ion:188 Resp: 642298

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.3 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025667.D

Acq: 04 Sep 2025 19:37

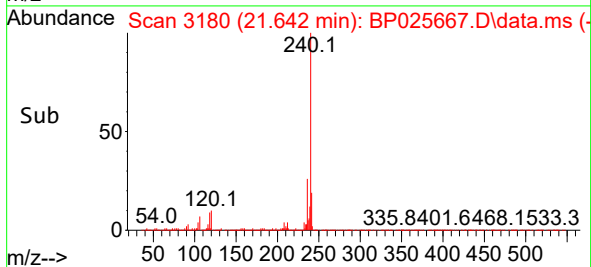
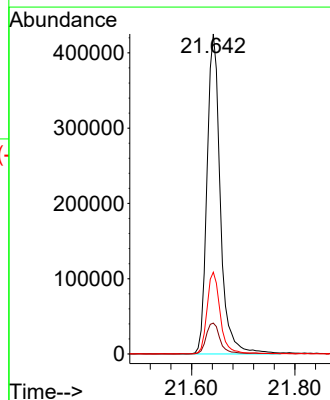
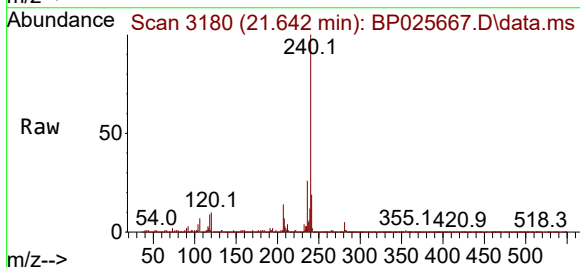
Tgt Ion:240 Resp: 760979

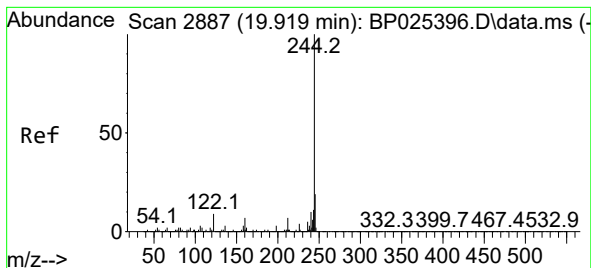
Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 25.5 19.8 29.8





#79

Terphenyl-d14

Concen: 89.770 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025667.D

Acq: 04 Sep 2025 19:37

Instrument :

BNA_P

ClientSampleId :

PB169499BL

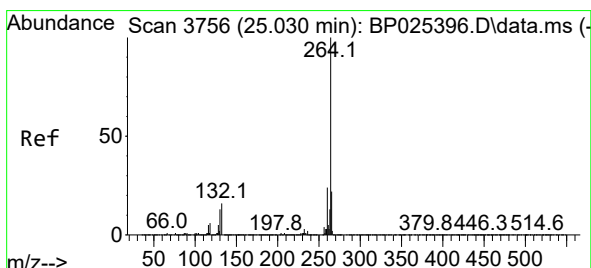
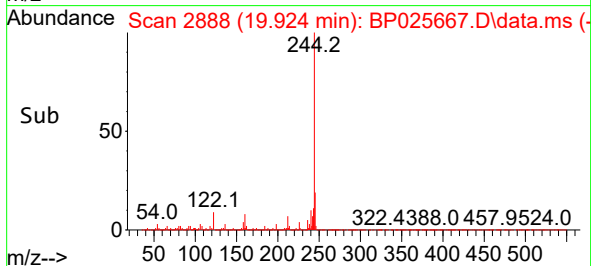
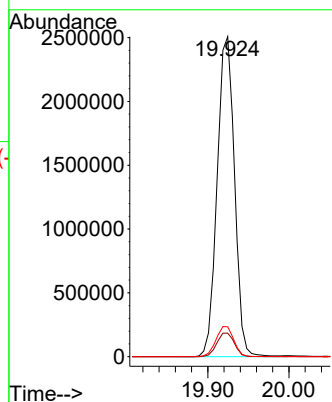
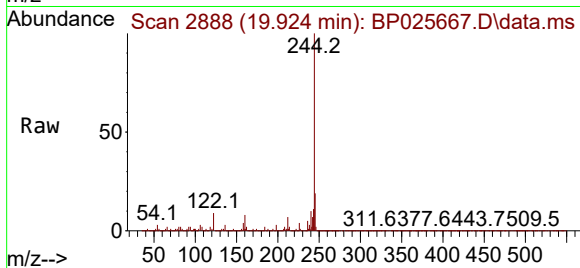
Tgt Ion:244 Resp: 3733830

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.3 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3753

Delta R.T. -0.018 min

Lab File: BP025667.D

Acq: 04 Sep 2025 19:37

Tgt Ion:264 Resp: 816888

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.1 17.4 26.0

