

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025680.D
 Acq On : 05 Sep 2025 17:26
 Operator : CG/JU
 Sample : PB169509BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169509BL

Quant Time: Sep 05 17:56:51 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	7.772	152	132320	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	500097	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	325051	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	721595	20.000	ng	0.00
76) Chrysene-d12	21.654	240	738330	20.000	ng	0.00
86) Perylene-d12	25.030	264	817650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1243847	156.111	ng	-0.01
7) Phenol-d6	6.960	99	1522075	148.999	ng	0.00
23) Nitrobenzene-d5	8.913	82	997980	100.947	ng	-0.02
42) 2,4,6-Tribromophenol	15.919	330	767033	175.313	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2185216	91.878	ng	-0.01
79) Terphenyl-d14	19.919	244	3873055	95.974	ng	0.00

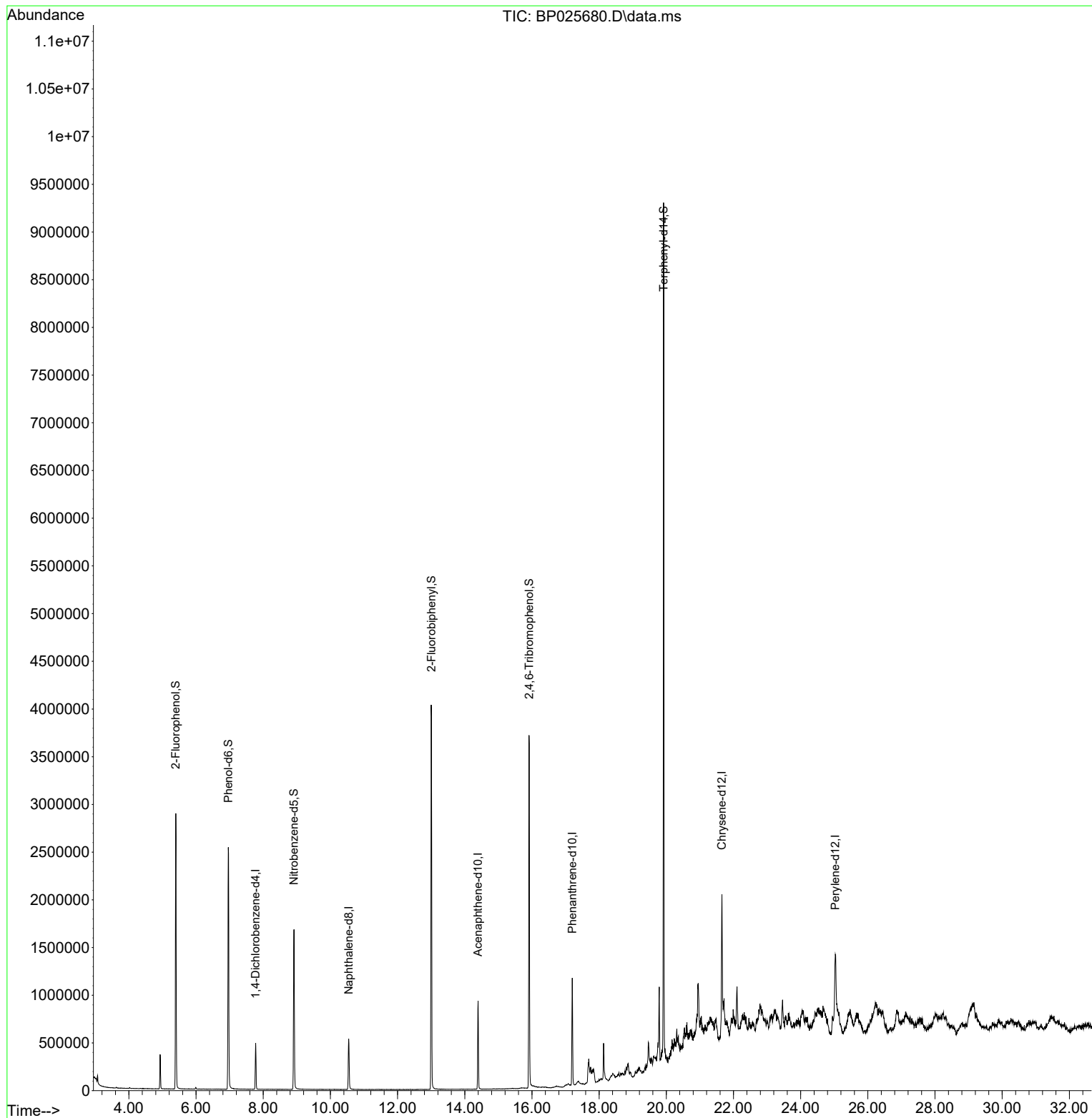
Target Compounds	Qvalue

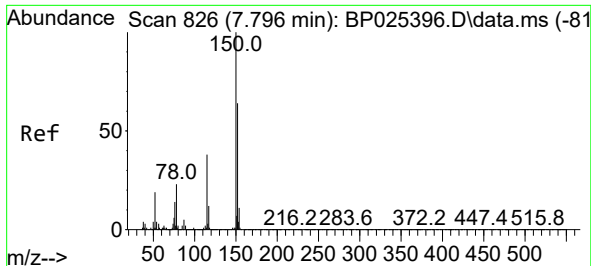
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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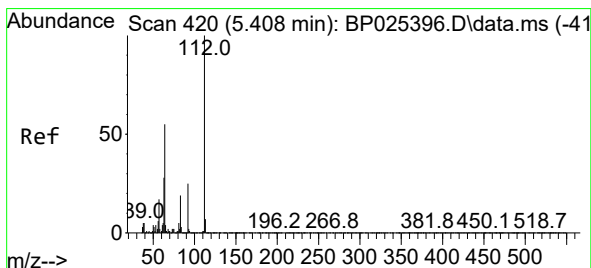
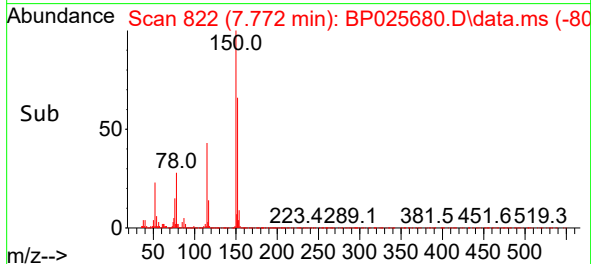
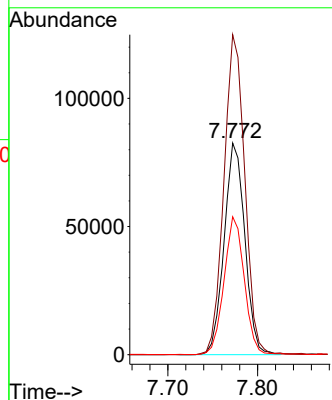
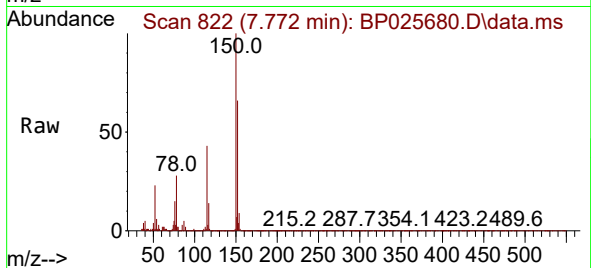




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

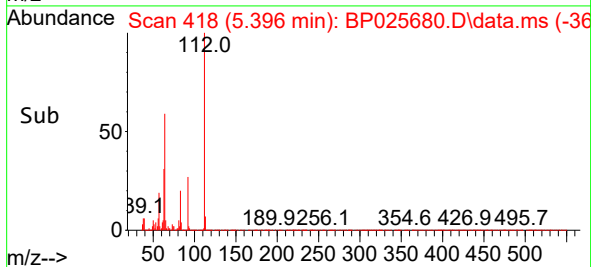
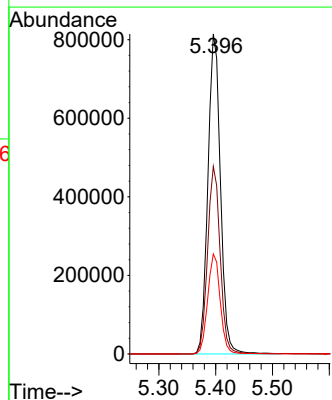
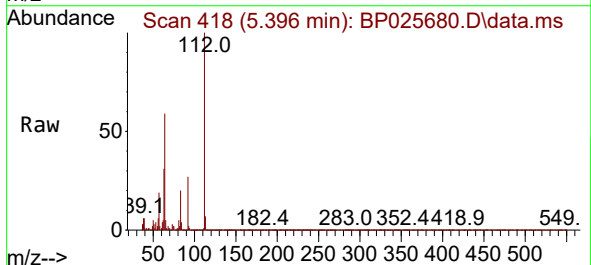
Instrument :
BNA_P
ClientSampleId :
PB169509BL

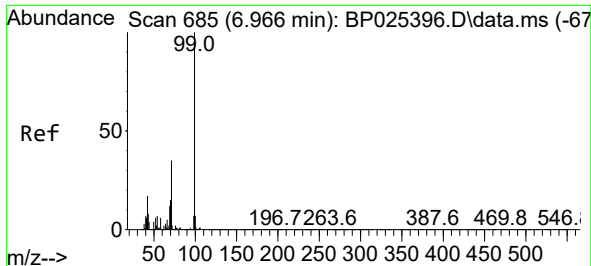
Tgt Ion:152 Resp: 132320
Ion Ratio Lower Upper
152 100
150 151.1 125.9 188.9
115 65.1 48.5 72.7



#5
2-Fluorophenol
Concen: 156.111 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Tgt Ion:112 Resp: 1243847
Ion Ratio Lower Upper
112 100
64 58.6 43.8 65.8
63 31.2 22.7 34.1

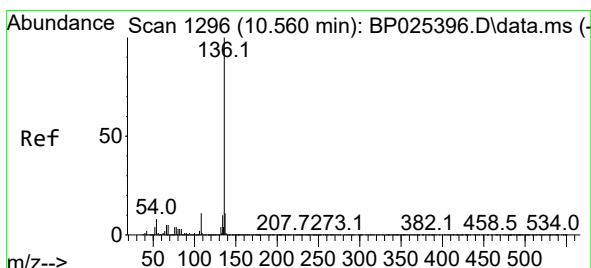
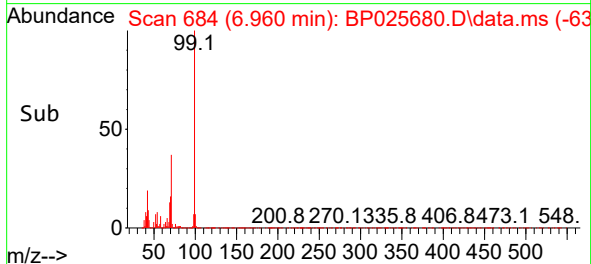
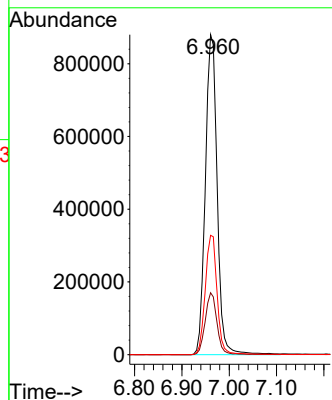
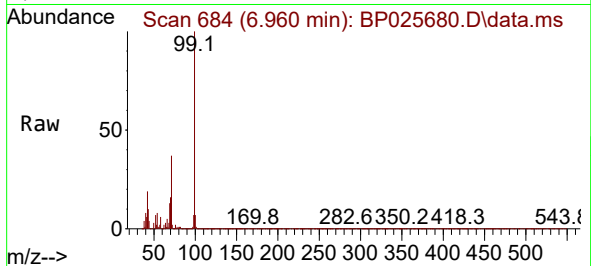




#7
Phenol-d6
Concen: 148.999 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

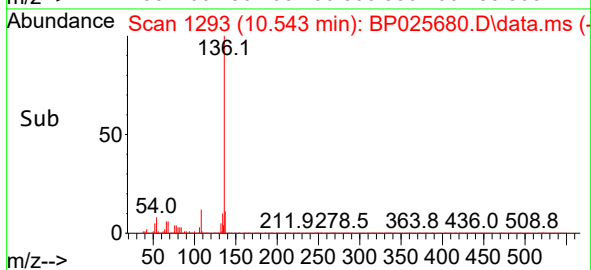
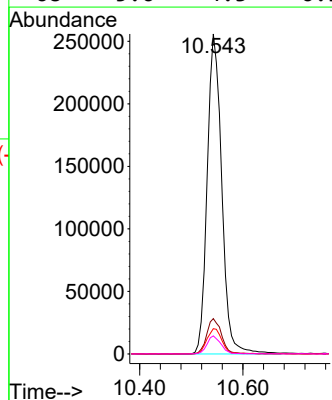
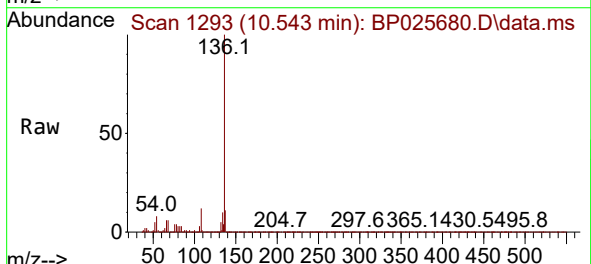
Instrument :
BNA_P
ClientSampleId :
PB169509BL

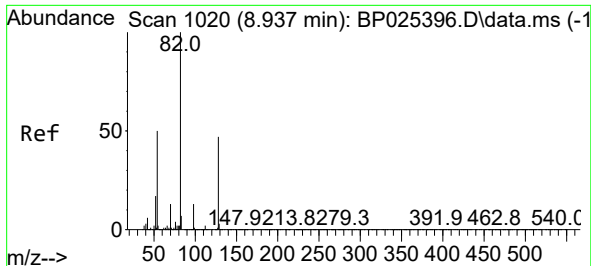
Tgt Ion: 99 Resp: 1522075
Ion Ratio Lower Upper
99 100
42 19.3 13.7 20.5
71 37.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Tgt Ion: 136 Resp: 500097
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.9 6.0 9.0
68 5.6 4.3 6.5

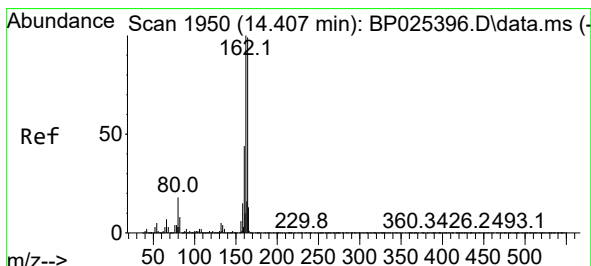
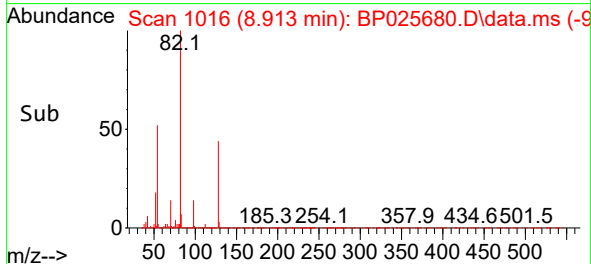
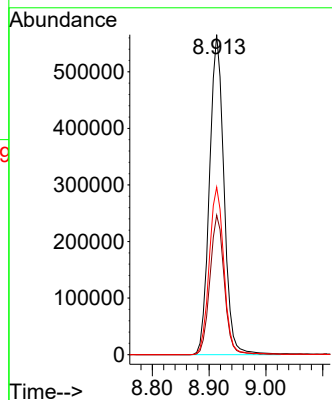
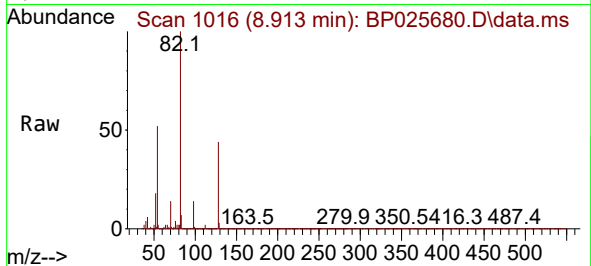




#23
Nitrobenzene-d5
Concen: 100.947 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

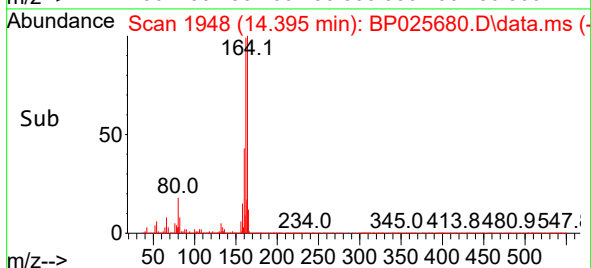
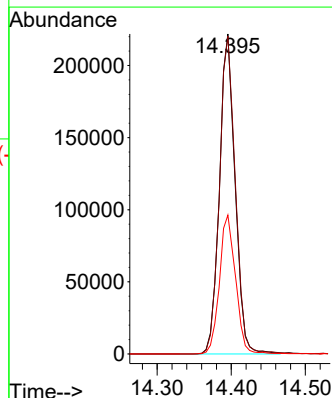
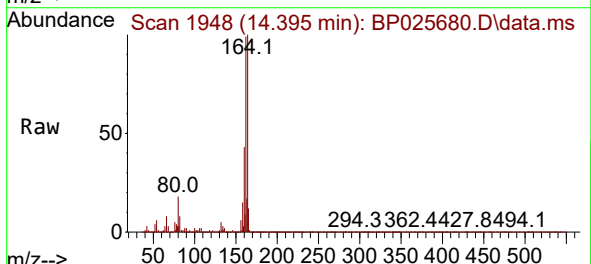
Instrument :
BNA_P
ClientSampleId :
PB169509BL

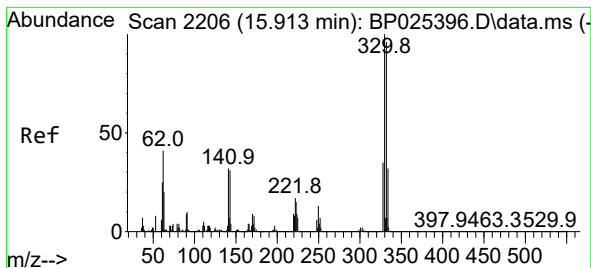
Tgt Ion: 82 Resp: 997980
Ion Ratio Lower Upper
82 100
128 43.6 37.7 56.5
54 52.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Tgt Ion: 164 Resp: 325051
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.6
160 43.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 175.313 ng

RT: 15.919 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025680.D

Acq: 05 Sep 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PB169509BL

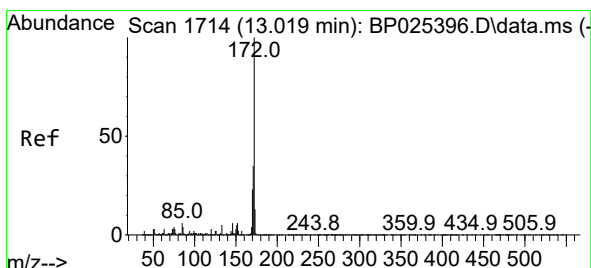
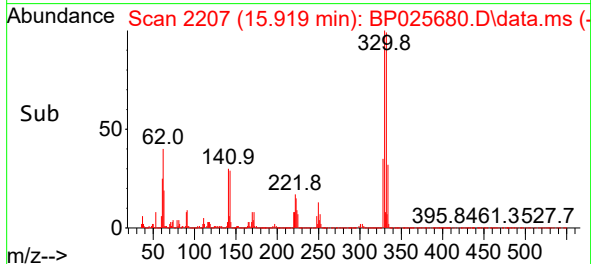
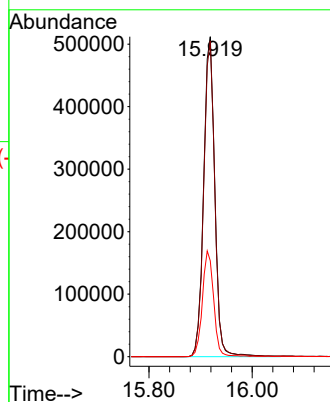
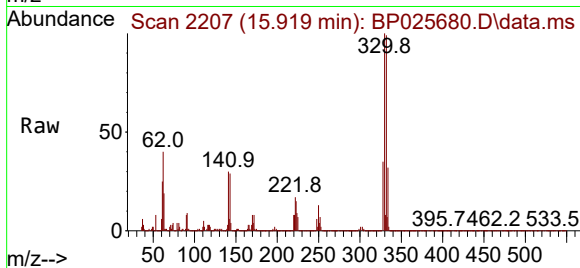
Tgt Ion:330 Resp: 767033

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 33.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 91.878 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025680.D

Acq: 05 Sep 2025 17:26

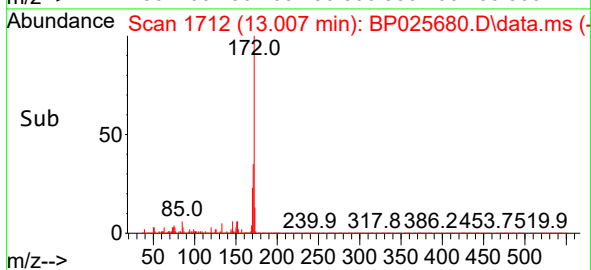
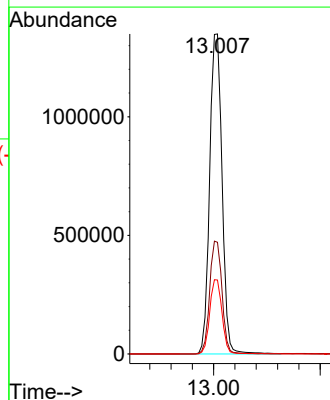
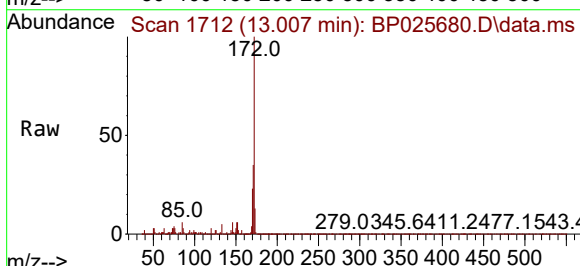
Tgt Ion:172 Resp: 2185216

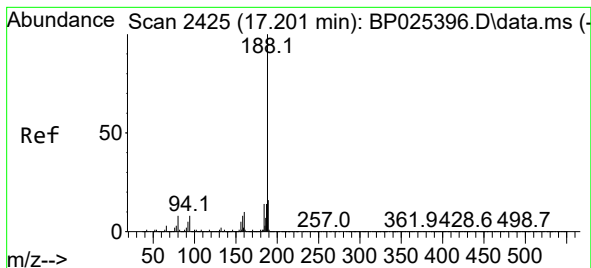
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025680.D

Acq: 05 Sep 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PB169509BL

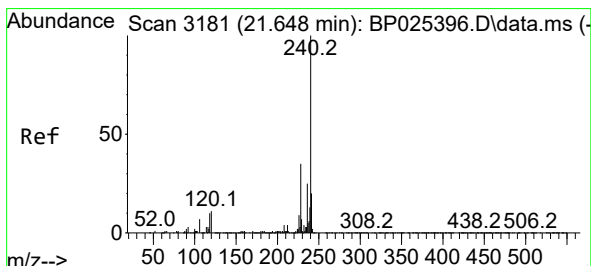
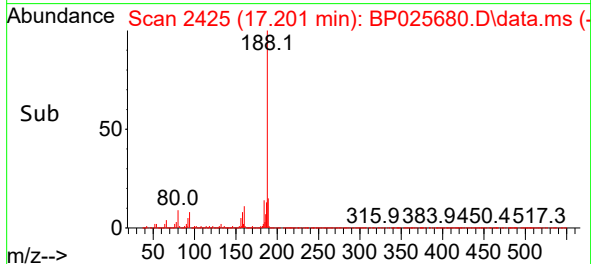
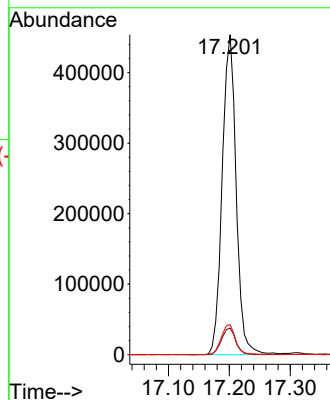
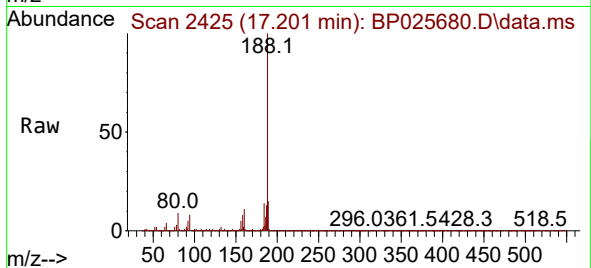
Tgt Ion:188 Resp: 721595

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.4 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.654 min Scan# 3182

Delta R.T. 0.006 min

Lab File: BP025680.D

Acq: 05 Sep 2025 17:26

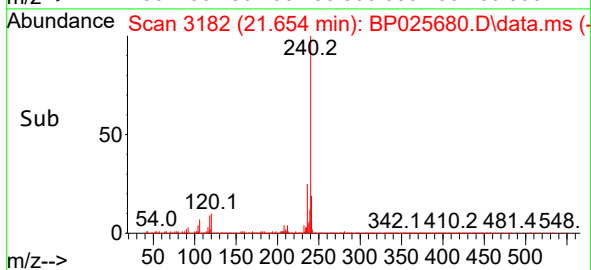
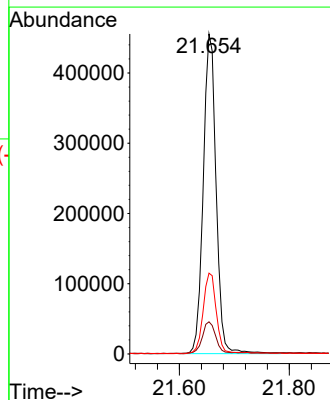
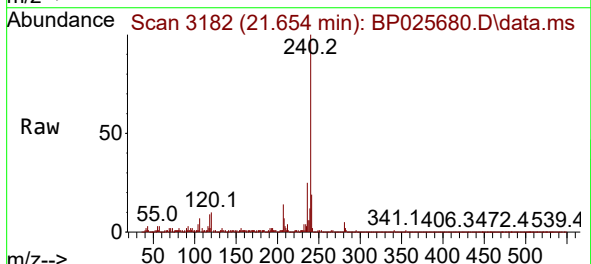
Tgt Ion:240 Resp: 738330

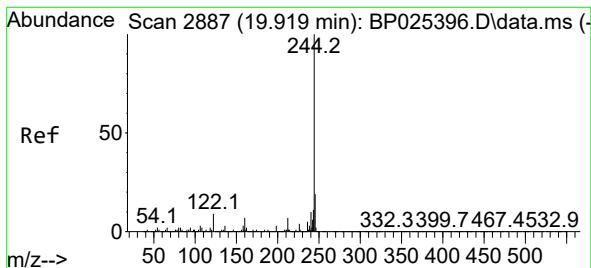
Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.3 19.8 29.8





#79

Terphenyl-d14

Concen: 95.974 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025680.D

Acq: 05 Sep 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PB169509BL

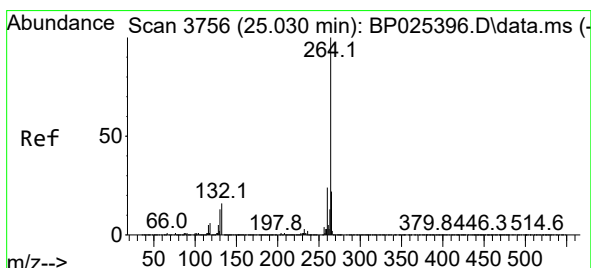
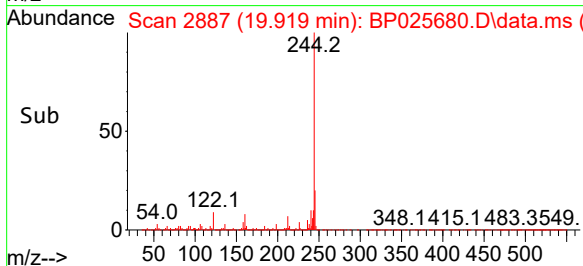
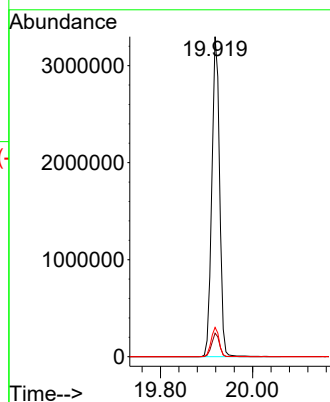
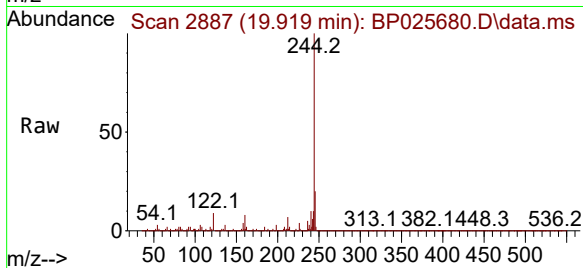
Tgt Ion:244 Resp: 3873055

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.2 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.030 min Scan# 3756

Delta R.T. 0.000 min

Lab File: BP025680.D

Acq: 05 Sep 2025 17:26

Tgt Ion:264 Resp: 817650

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 22.6 17.4 26.0

