

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025677.D
 Acq On : 05 Sep 2025 15:14
 Operator : CG/JU
 Sample : Q3009-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-090325

Quant Time: Sep 05 15:38:30 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	7.755	152	159058	20.000	ng	-0.04
21) Naphthalene-d8	10.519	136	658149	20.000	ng	-0.04
39) Acenaphthene-d10	14.384	164	417872	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	790349	20.000	ng	#-0.01
76) Chrysene-d12	21.642	240	825514	20.000	ng	0.00
86) Perylene-d12	25.013	264	935945	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	157171	16.410	ng	-0.03
7) Phenol-d6	6.943	99	196764	16.024	ng	-0.02
23) Nitrobenzene-d5	8.896	82	126488	9.722	ng	-0.04
42) 2,4,6-Tribromophenol	15.907	330	81420	14.476	ng	0.00
45) 2-Fluorobiphenyl	12.990	172	319742	10.457	ng	-0.03
79) Terphenyl-d14	19.913	244	488037	10.816	ng	0.00

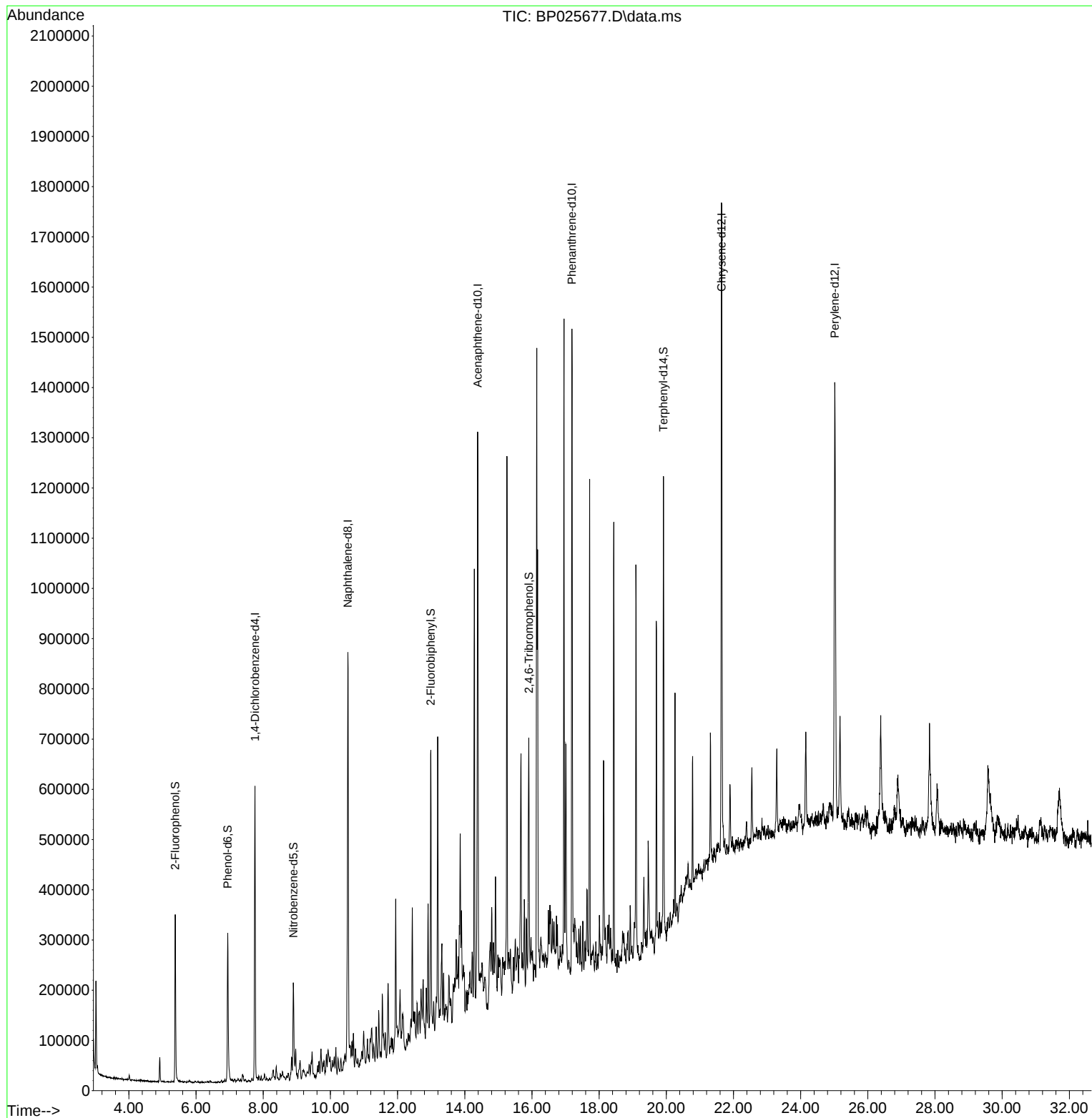
Target Compounds	Qvalue

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

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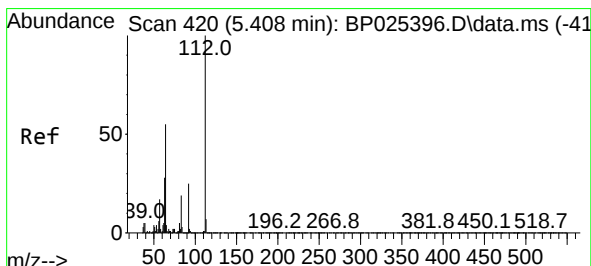
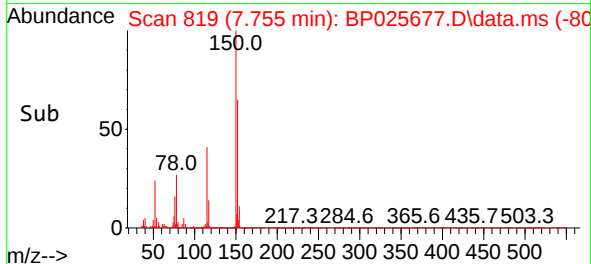
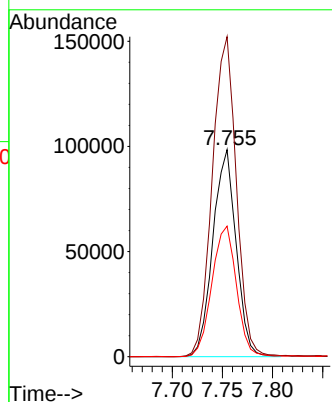
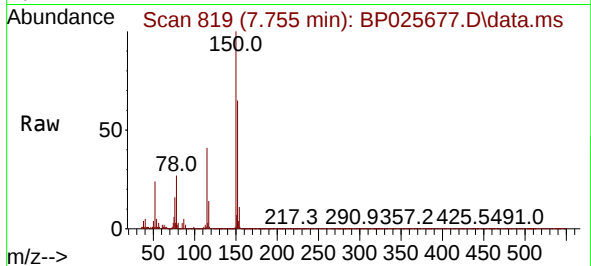




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.755 min Scan# 81
 Delta R.T. -0.041 min
 Lab File: BP025677.D
 Acq: 05 Sep 2025 15:14

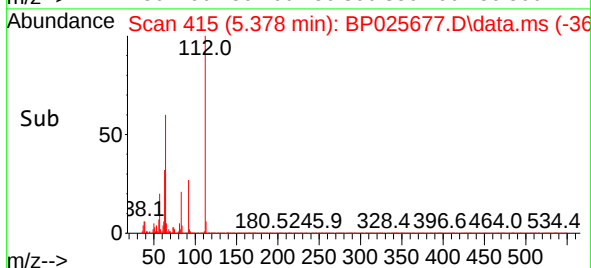
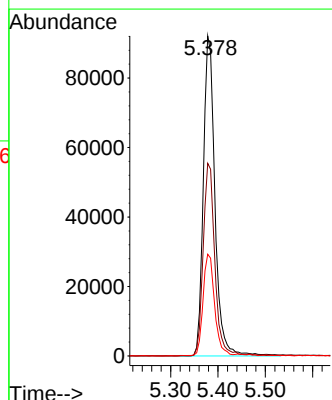
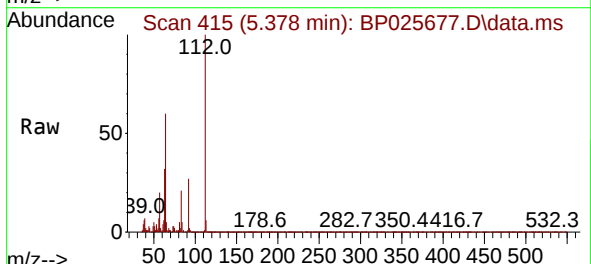
Instrument :
 BNA_P
 ClientSampleId :
 TR-04-090325

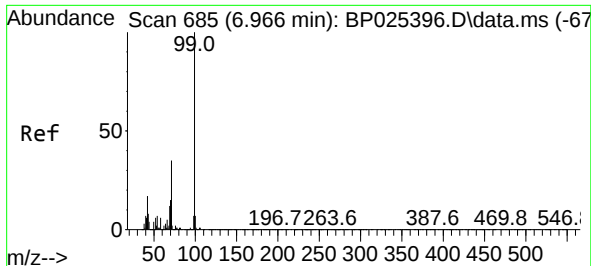
Tgt Ion:152 Resp: 159058
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 63.0 48.5 72.7



#5
 2-Fluorophenol
 Concen: 16.410 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.029 min
 Lab File: BP025677.D
 Acq: 05 Sep 2025 15:14

Tgt Ion:112 Resp: 157171
 Ion Ratio Lower Upper
 112 100
 64 60.2 43.8 65.8
 63 31.8 22.7 34.1





#7

Phenol-d6

Concen: 16.024 ng

RT: 6.943 min Scan# 61

Delta R.T. -0.023 min

Lab File: BP025677.D

Acq: 05 Sep 2025 15:14

Instrument :

BNA_P

ClientSampleId :

TR-04-090325

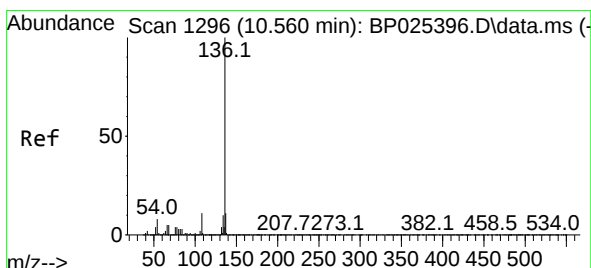
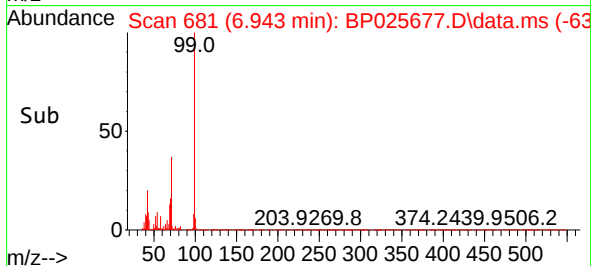
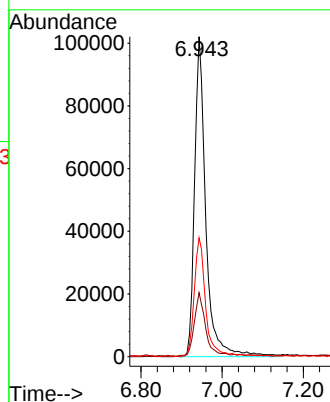
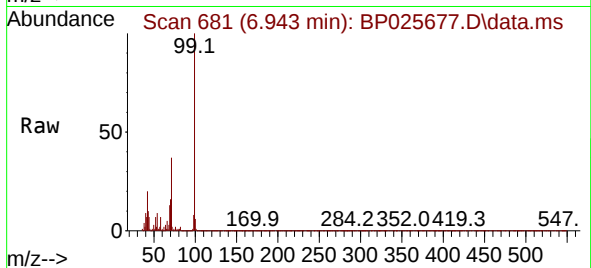
Tgt Ion: 99 Resp: 196764

Ion Ratio Lower Upper

99 100

42 20.0 13.7 20.5

71 37.2 28.2 42.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.519 min Scan# 1289

Delta R.T. -0.041 min

Lab File: BP025677.D

Acq: 05 Sep 2025 15:14

Tgt Ion:136 Resp: 658149

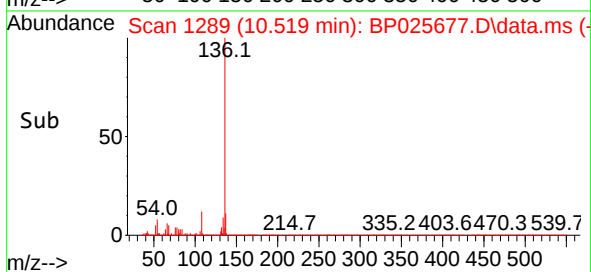
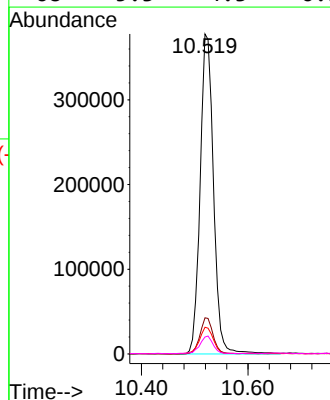
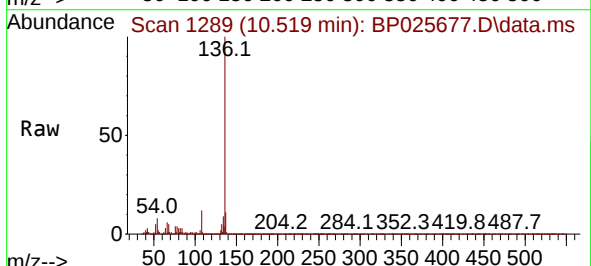
Ion Ratio Lower Upper

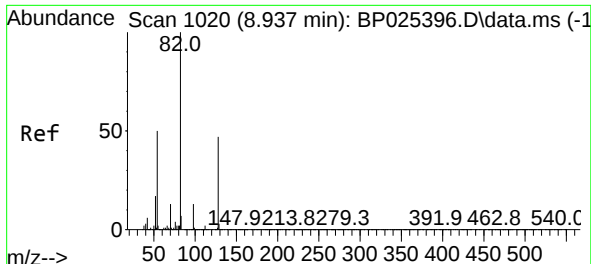
136 100

137 11.3 9.2 13.8

54 8.4 6.0 9.0

68 5.3 4.3 6.5

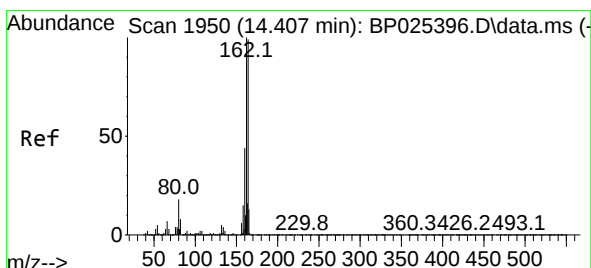
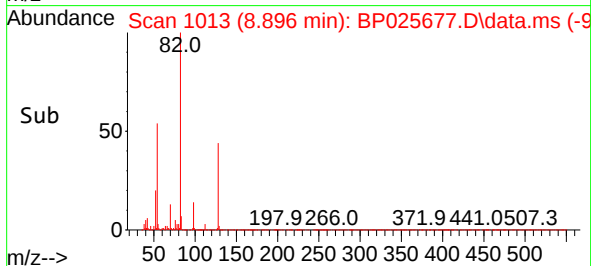
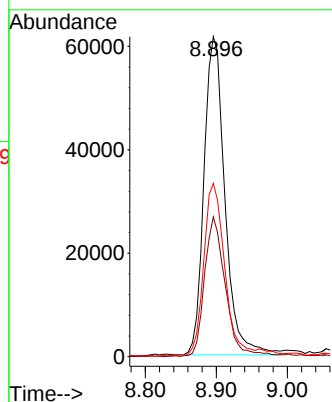
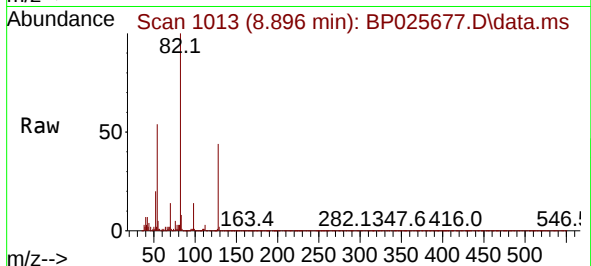




#23
Nitrobenzene-d5
Concen: 9.722 ng
RT: 8.896 min Scan# 10
Delta R.T. -0.041 min
Lab File: BP025677.D
Acq: 05 Sep 2025 15:14

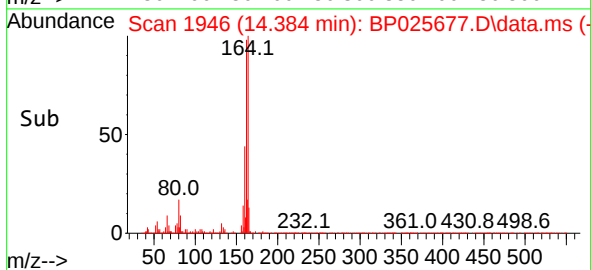
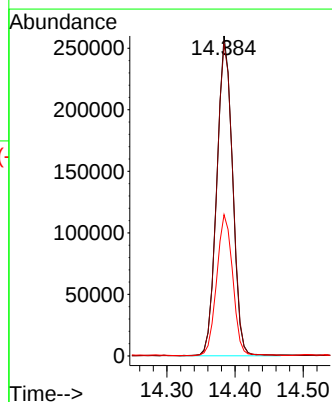
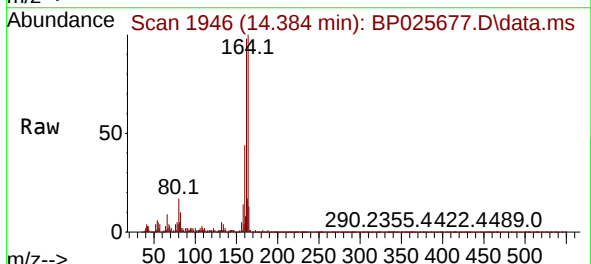
Instrument :
BNA_P
ClientSampleId :
TR-04-090325

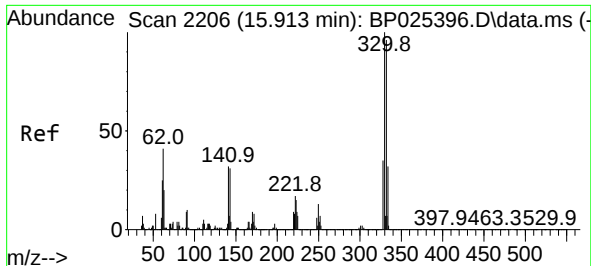
Tgt Ion: 82 Resp: 126488
Ion Ratio Lower Upper
82 100
128 43.7 37.7 56.5
54 54.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025677.D
Acq: 05 Sep 2025 15:14

Tgt Ion: 164 Resp: 417872
Ion Ratio Lower Upper
164 100
162 97.5 81.0 121.6
160 44.1 35.4 53.2

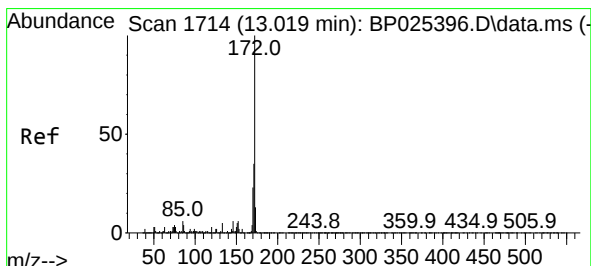
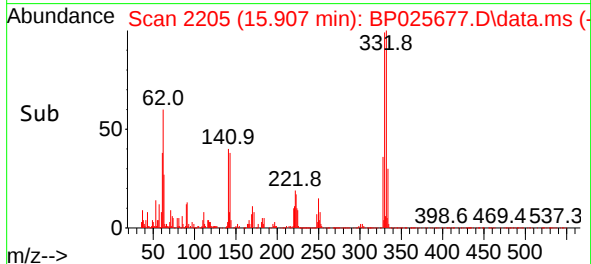
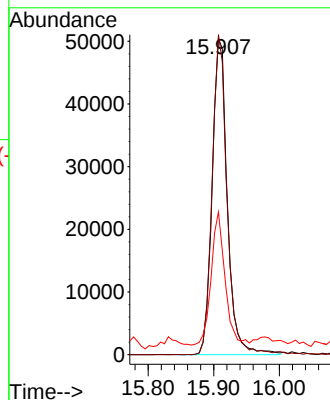
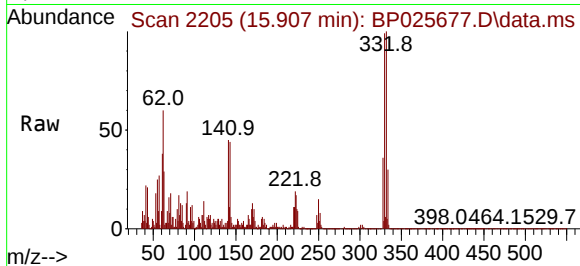




#42
2,4,6-Tribromophenol
Concen: 14.476 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025677.D
Acq: 05 Sep 2025 15:14

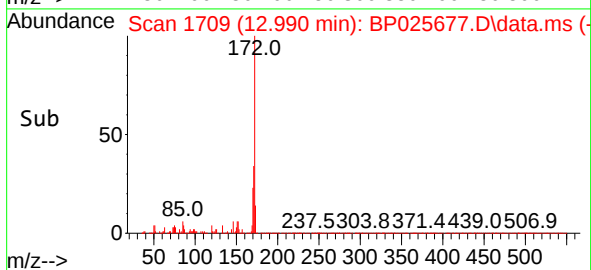
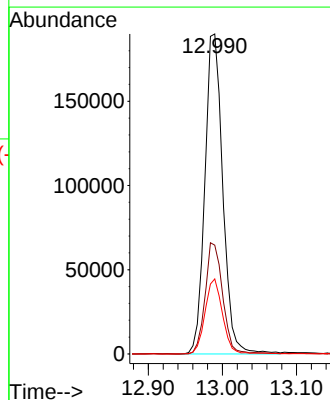
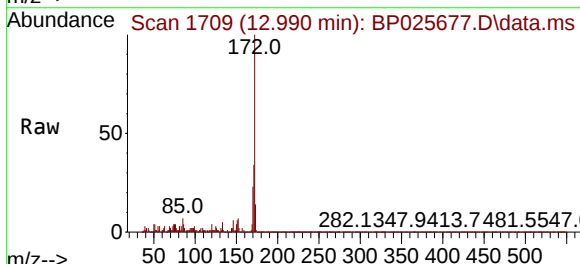
Instrument :
BNA_P
ClientSampleId :
TR-04-090325

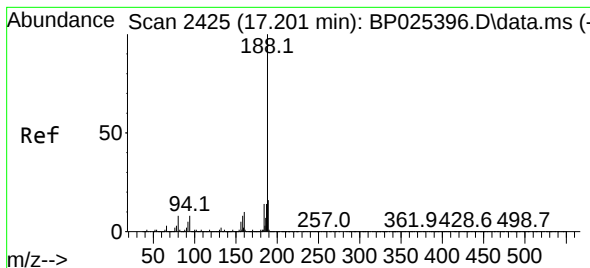
Tgt Ion:330 Resp: 81420
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 38.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 10.457 ng
RT: 12.990 min Scan# 1709
Delta R.T. -0.029 min
Lab File: BP025677.D
Acq: 05 Sep 2025 15:14

Tgt Ion:172 Resp: 319742
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP025677.D

Acq: 05 Sep 2025 15:14

Instrument :

BNA_P

ClientSampleId :

TR-04-090325

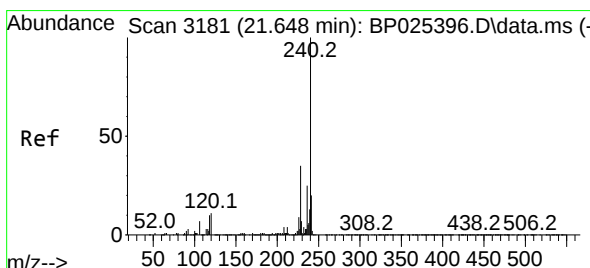
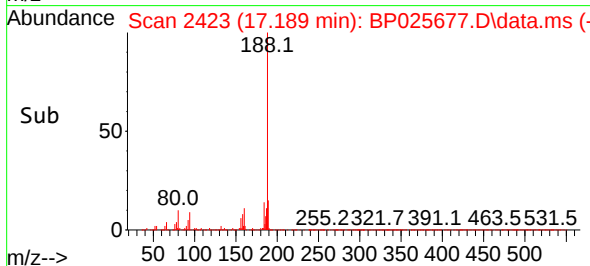
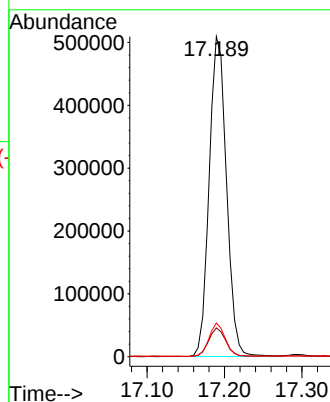
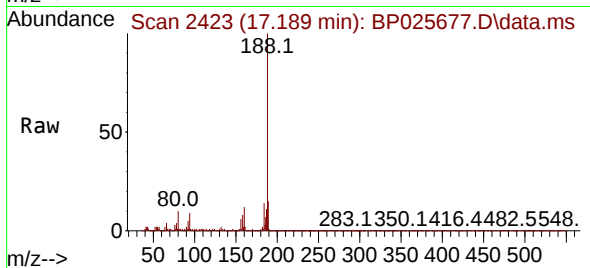
Tgt Ion:188 Resp: 790349

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 10.5 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: BP025677.D

Acq: 05 Sep 2025 15:14

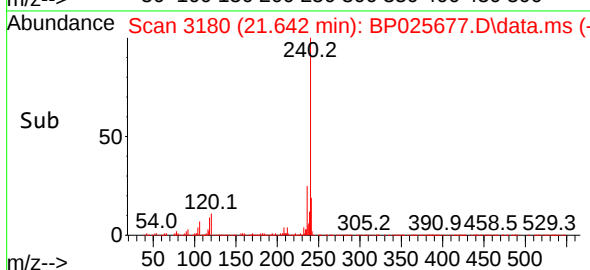
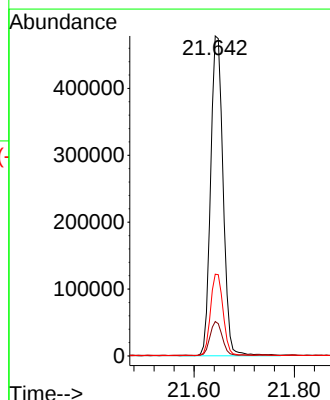
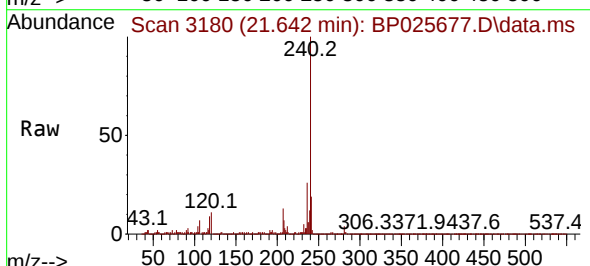
Tgt Ion:240 Resp: 825514

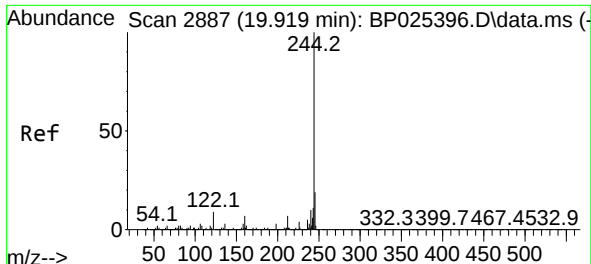
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.6 19.8 29.8

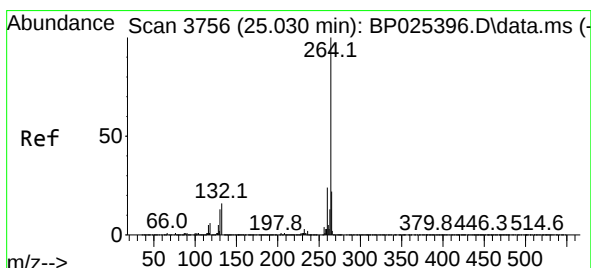
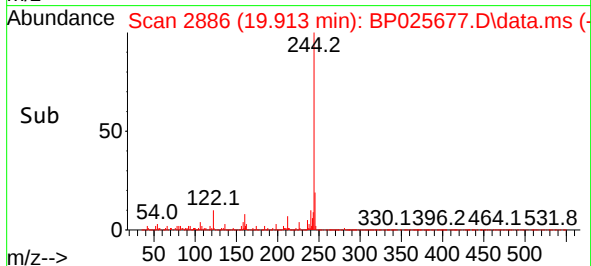
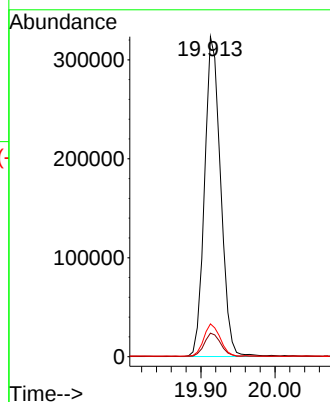
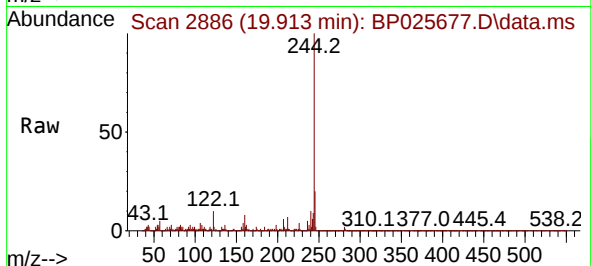




#79
 Terphenyl-d14
 Concen: 10.816 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025677.D
 Acq: 05 Sep 2025 15:14

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-090325

Tgt Ion:244 Resp: 488037
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 10.3 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.013 min Scan# 3753
 Delta R.T. -0.017 min
 Lab File: BP025677.D
 Acq: 05 Sep 2025 15:14

Tgt Ion:264 Resp: 935945
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 21.7 17.4 26.0

