

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025426.D
 Acq On : 15 Aug 2025 14:08
 Operator : CG/JU
 Sample : Q2814-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-82H-ERE

Quant Time: Aug 15 14:42:40 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)

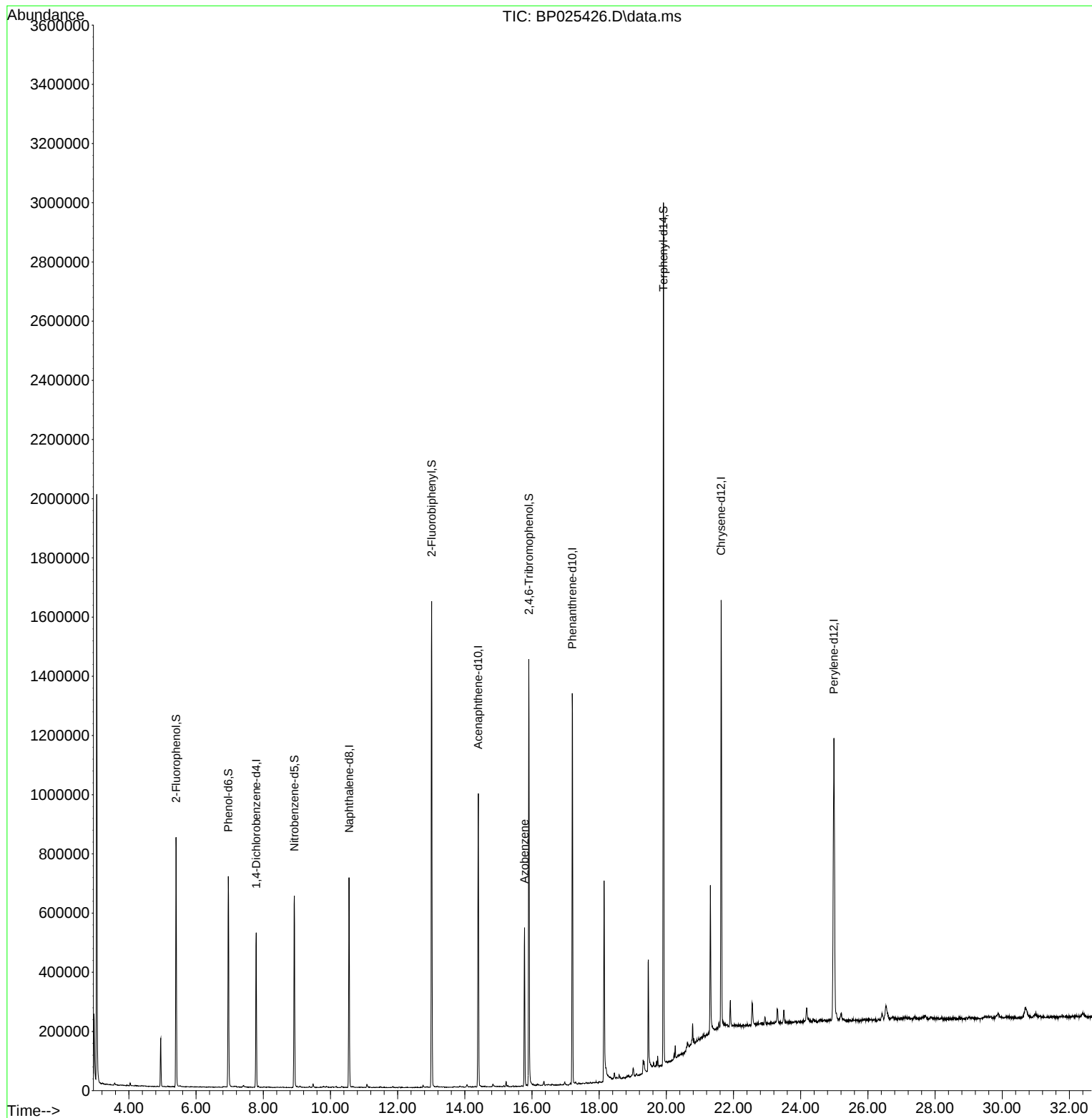
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137678	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	540790	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	370556	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	763380	20.000	ng	0.00
76) Chrysene-d12	21.630	240	864878	20.000	ng	-0.02
86) Perylene-d12	24.989	264	962910	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	366124	44.163	ng	0.00
7) Phenol-d6	6.960	99	411090	38.676	ng	0.00
23) Nitrobenzene-d5	8.925	82	370302	34.638	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	269048	53.942	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	850812	31.380	ng	0.00
79) Terphenyl-d14	19.912	244	1548316	32.753	ng	0.00
Target Compounds						
63) Azobenzene	15.777	77	153923	6.520	ng	Qvalue # 1

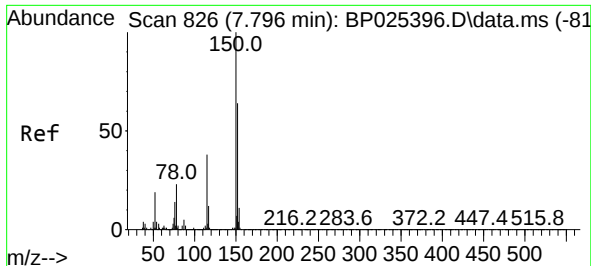
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025426.D
Acq On : 15 Aug 2025 14:08
Operator : CG/JU
Sample : Q2814-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-82H-ERE

Quant Time: Aug 15 14:42:40 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

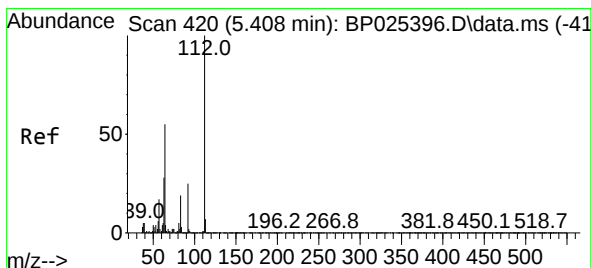
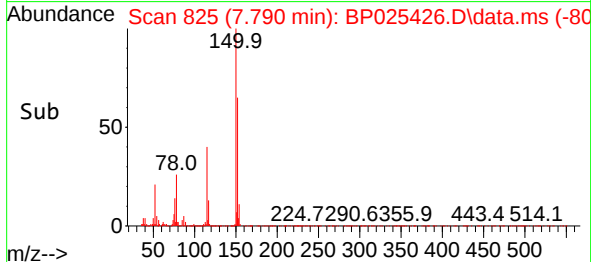
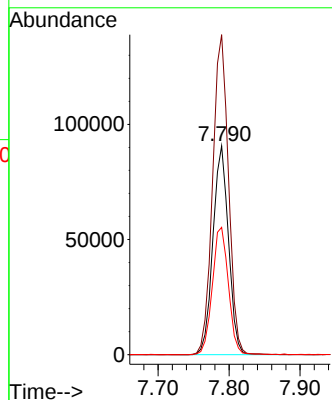
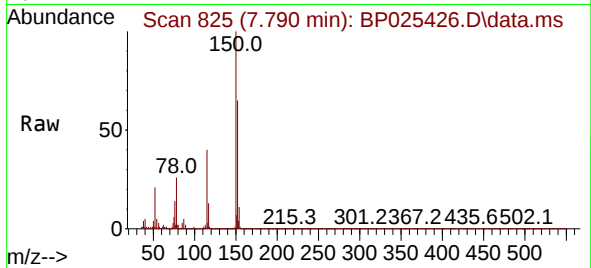




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025426.D
 Acq: 15 Aug 2025 14:08

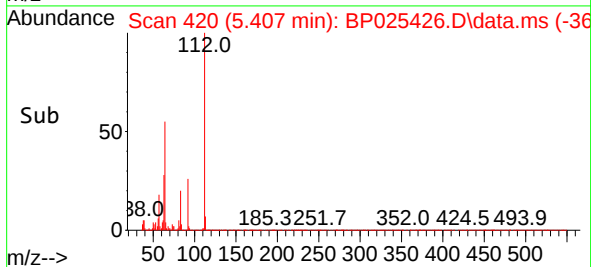
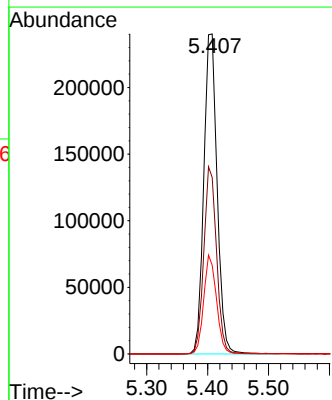
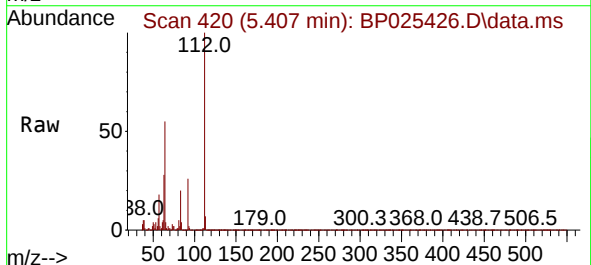
Instrument :
 BNA_P
 ClientSampleId :
 TW-82H-ERE

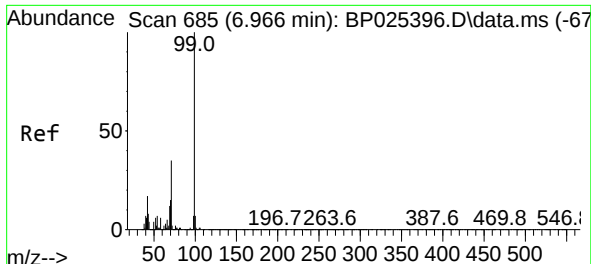
Tgt Ion:152 Resp: 137678
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.9 188.9
 115 61.0 48.5 72.7



#5
 2-Fluorophenol
 Concen: 44.163 ng
 RT: 5.407 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025426.D
 Acq: 15 Aug 2025 14:08

Tgt Ion:112 Resp: 366124
 Ion Ratio Lower Upper
 112 100
 64 55.1 43.8 65.8
 63 27.7 22.7 34.1

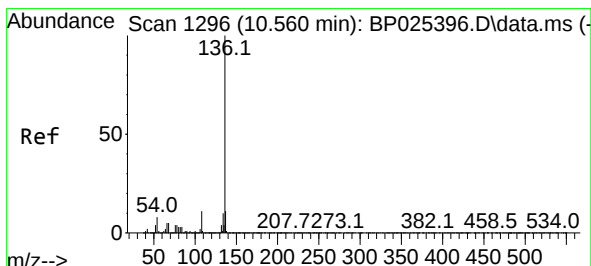
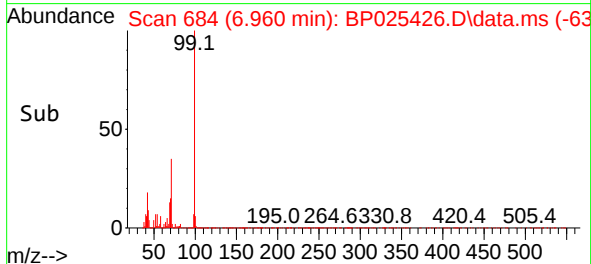
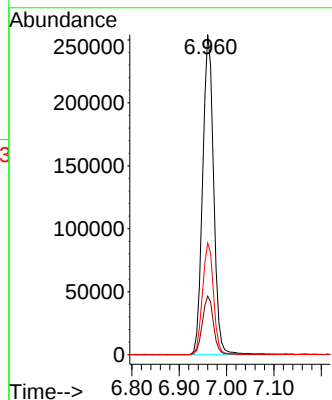
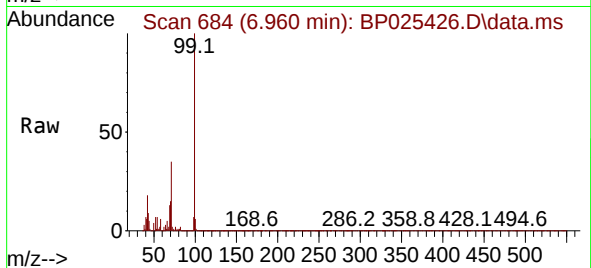




#7
Phenol-d6
Concen: 38.676 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

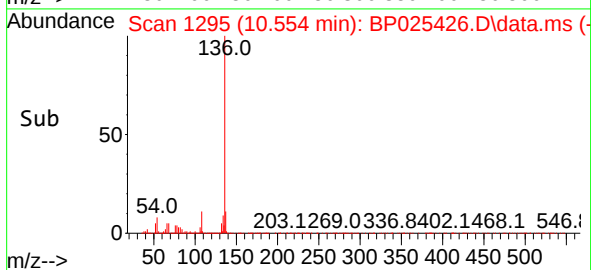
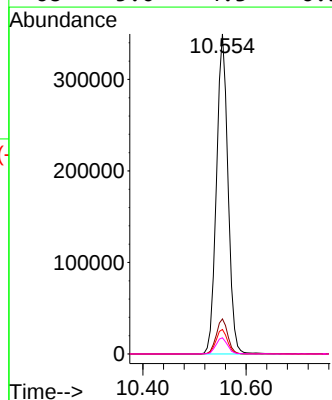
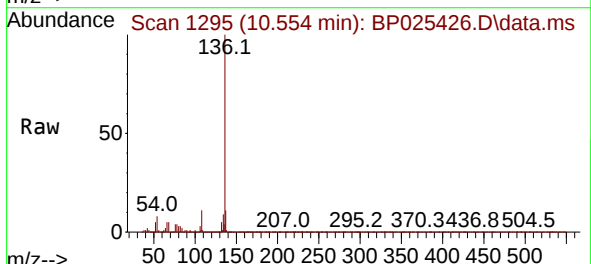
Instrument :
BNA_P
ClientSampleId :
TW-82H-ERE

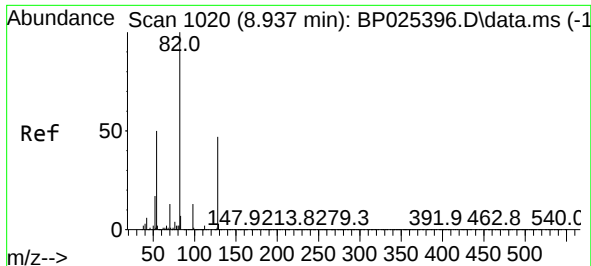
Tgt Ion: 99 Resp: 411090
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 34.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

Tgt Ion: 136 Resp: 540790
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.6 6.0 9.0
68 5.0 4.3 6.5

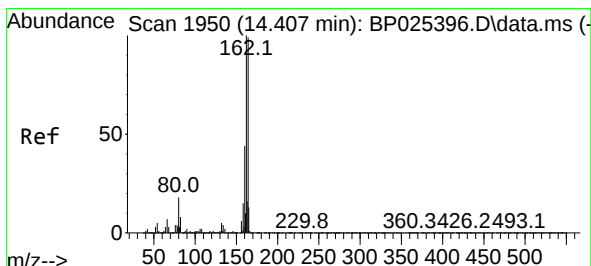
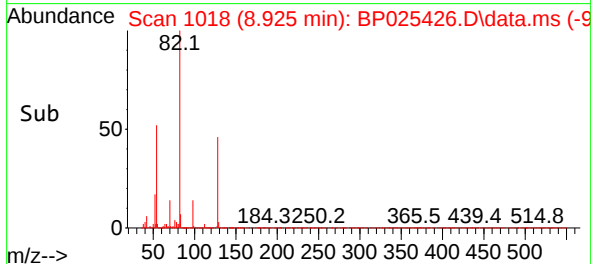
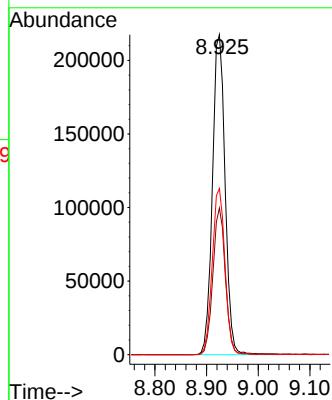
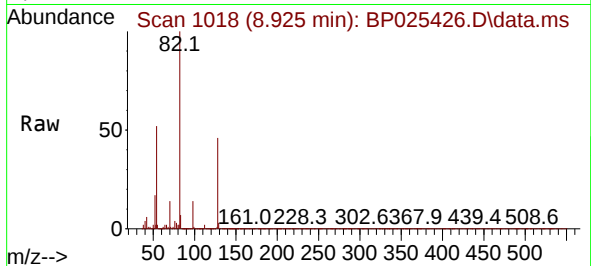




#23
Nitrobenzene-d5
Concen: 34.638 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

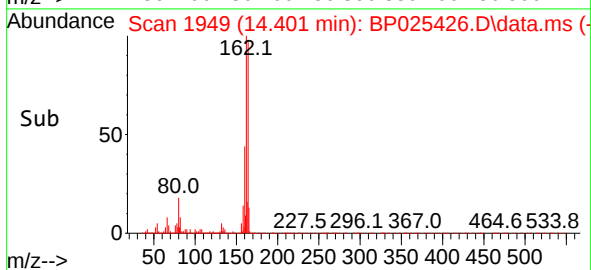
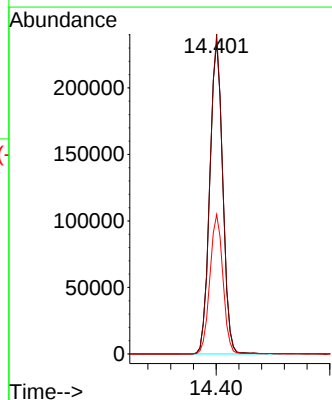
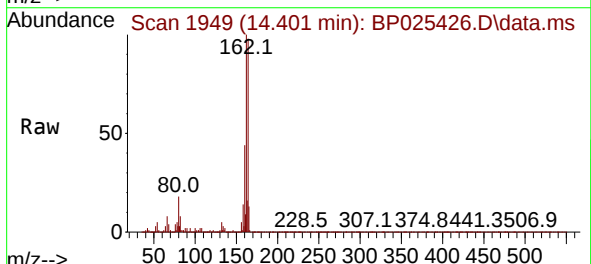
Instrument :
BNA_P
ClientSampleId :
TW-82H-ERE

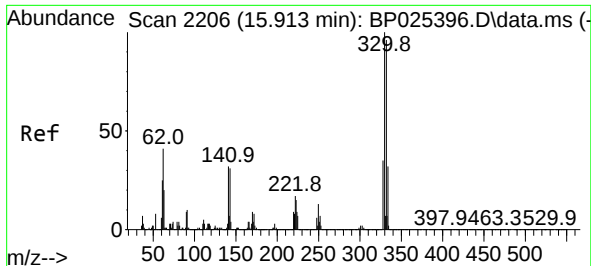
Tgt Ion: 82 Resp: 370302
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 51.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

Tgt Ion:164 Resp: 370556
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 44.6 35.4 53.2

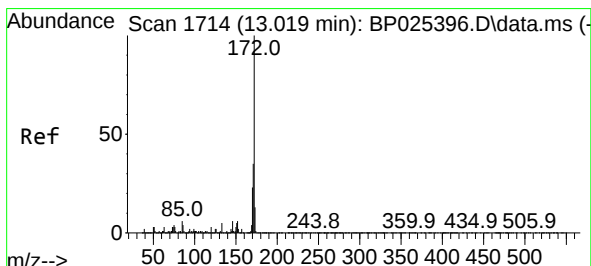
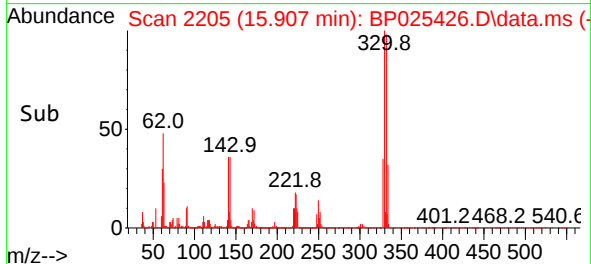
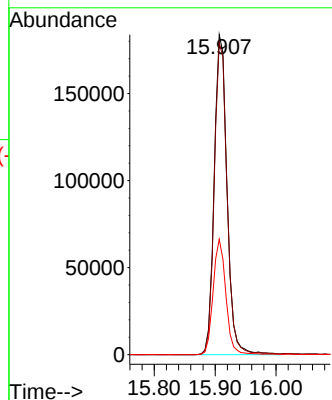
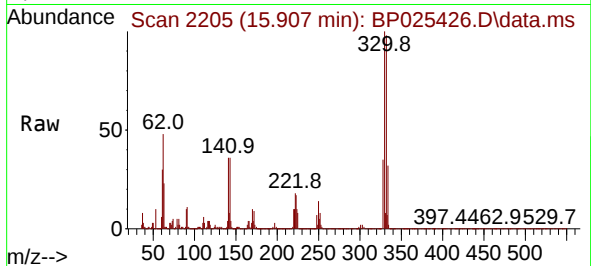




#42
2,4,6-Tribromophenol
Concen: 53.942 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

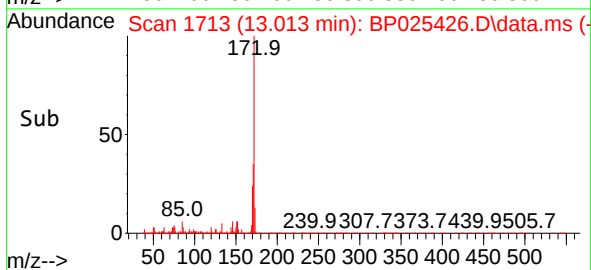
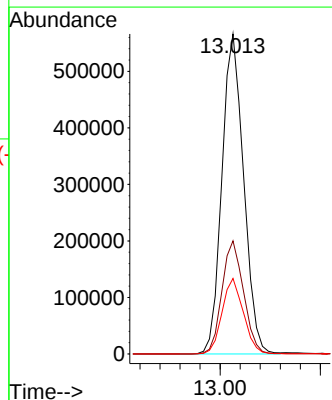
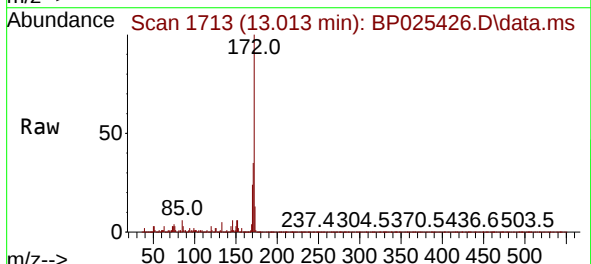
Instrument :
BNA_P
ClientSampleId :
TW-82H-ERE

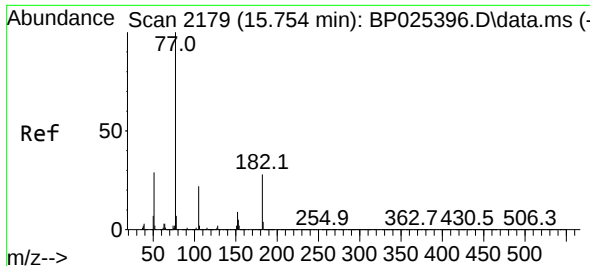
Tgt Ion:330 Resp: 269048
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 35.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 31.380 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

Tgt Ion:172 Resp: 850812
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 18.6 28.0

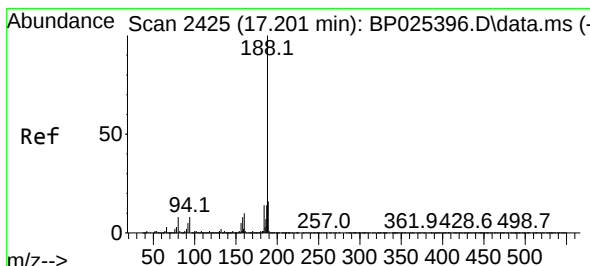
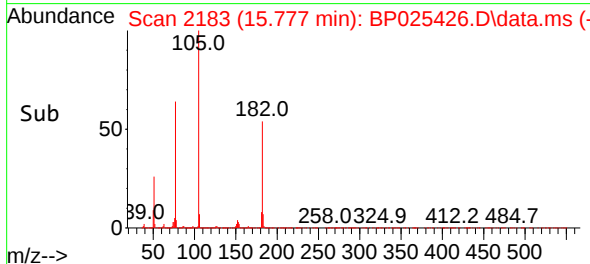
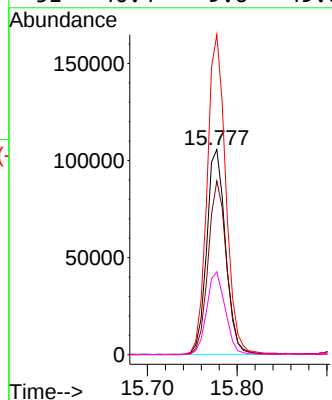
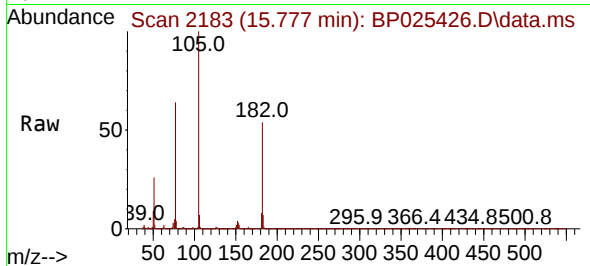




#63
Azobenzene
Concen: 6.520 ng
RT: 15.777 min Scan# 2179
Delta R.T. 0.023 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

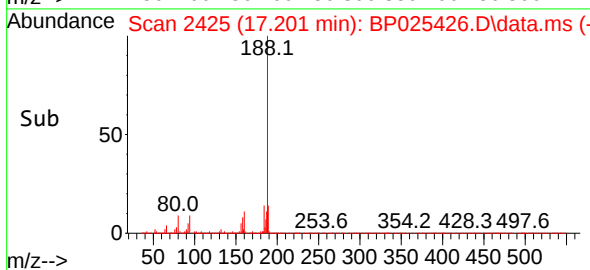
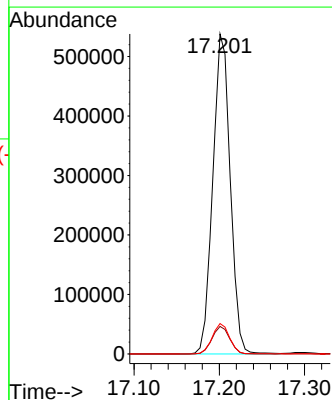
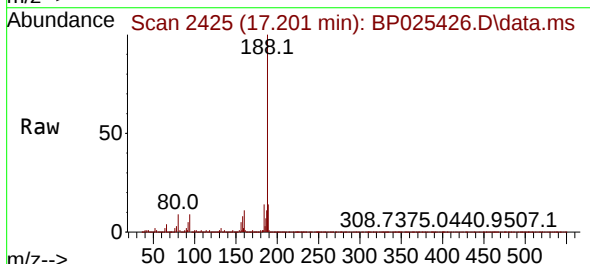
Instrument :
BNA_P
ClientSampleId :
TW-82H-ERE

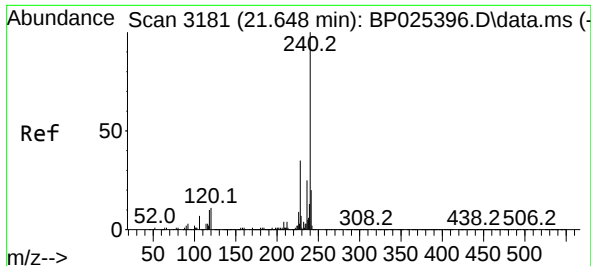
Tgt Ion: 77 Resp: 153923
Ion Ratio Lower Upper
77 100
182 84.7 7.5 47.5#
105 156.1 2.1 42.1#
51 40.4 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

Tgt Ion: 188 Resp: 763380
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.5 6.7 10.1

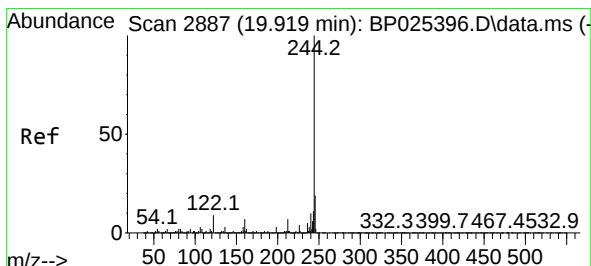
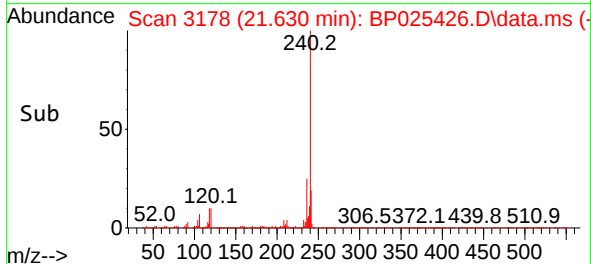
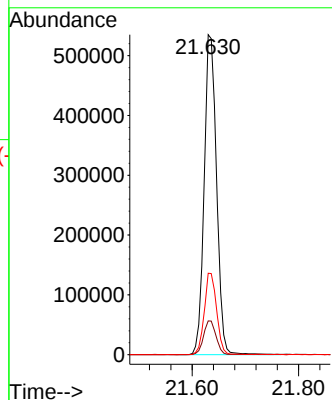
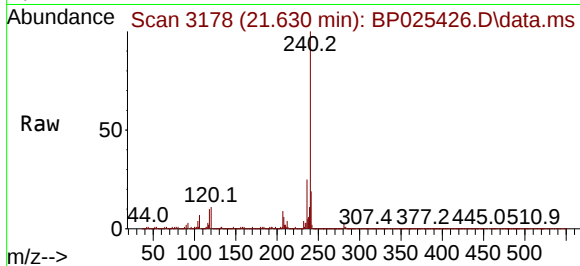




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3181
Delta R.T. -0.018 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

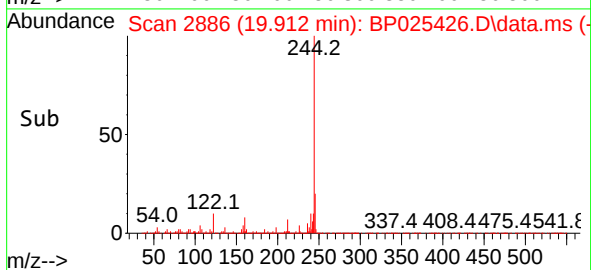
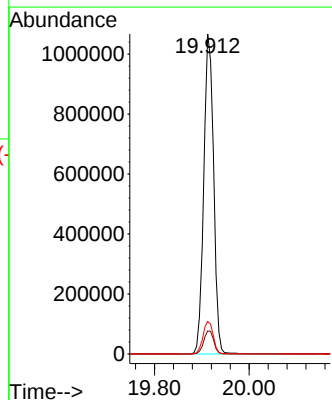
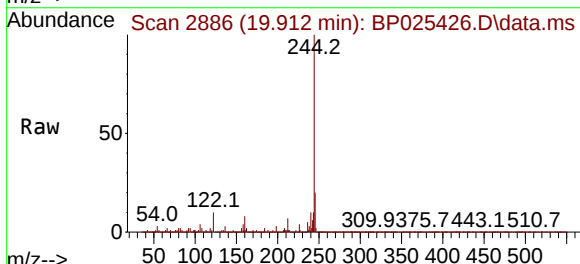
Instrument :
BNA_P
ClientSampleId :
TW-82H-ERE

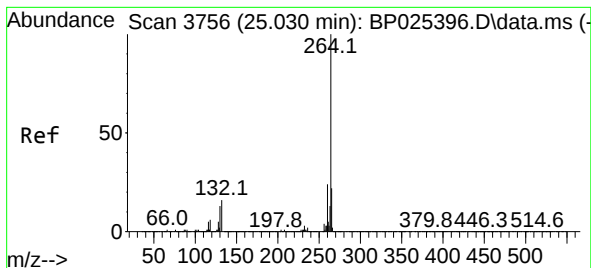
Tgt Ion:240 Resp: 864878
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.5 19.8 29.8



#79
Terphenyl-d14
Concen: 32.753 ng
RT: 19.912 min Scan# 2886
Delta R.T. -0.006 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

Tgt Ion:244 Resp: 1548316
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 10.2 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP025426.D

Acq: 15 Aug 2025 14:08

Instrument :

BNA_P

ClientSampleId :

TW-82H-ERE

Tgt Ion:264 Resp: 962910

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.6 17.4 26.0

