

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
 Data File : BP025271.D
 Acq On : 29 Jul 2025 21:35
 Operator : CG/JU
 Sample : Q2691-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 299

Quant Time: Jul 30 01:41:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

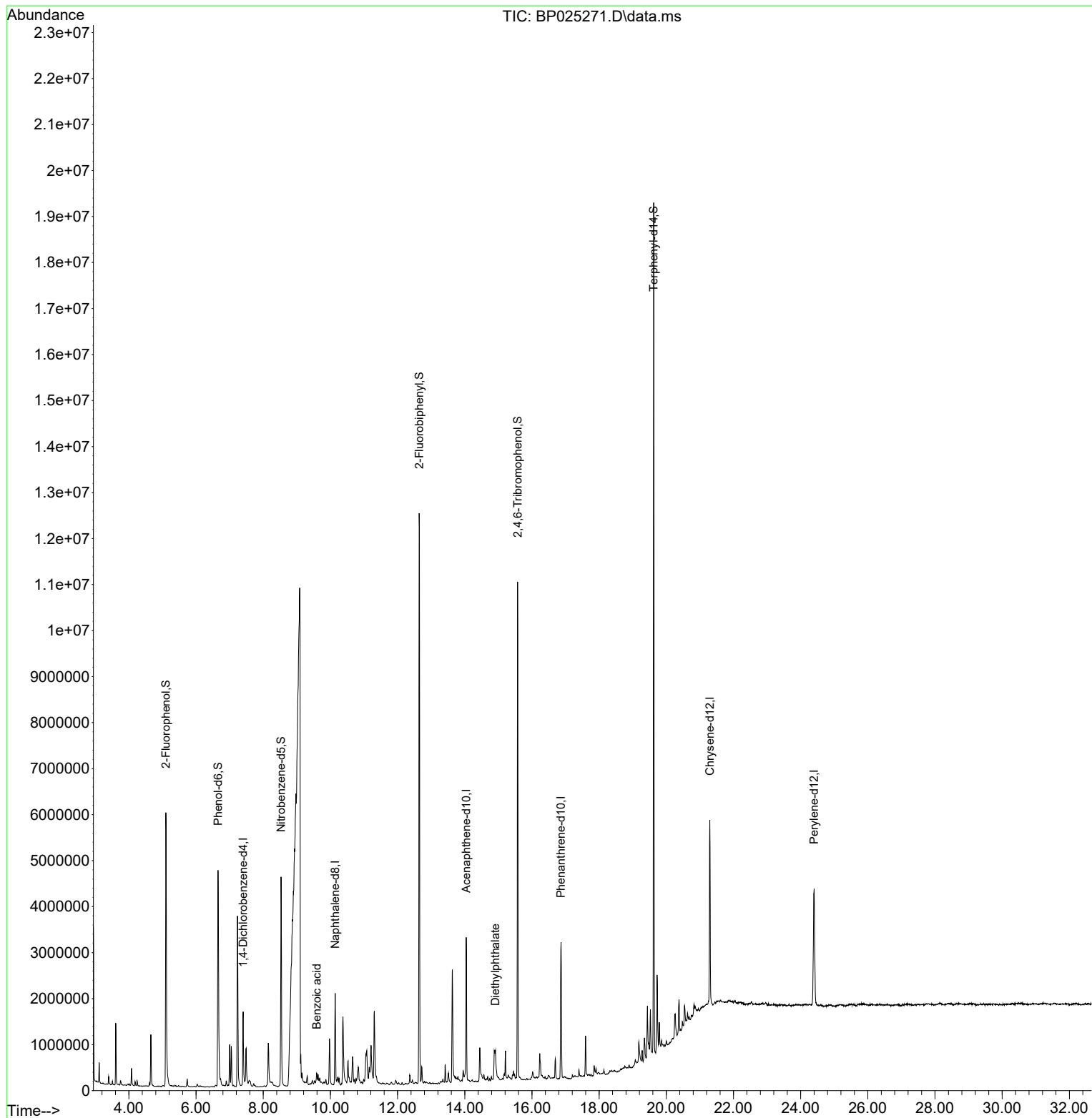
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.402	152	435911	20.000	ng	0.00
21) Naphthalene-d8	10.143	136	1673140	20.000	ng	0.00
39) Acenaphthene-d10	14.042	164	1051083	20.000	ng	0.00
64) Phenanthrene-d10	16.866	188	2137781	20.000	ng	-0.01
76) Chrysene-d12	21.295	240	2362404	20.000	ng	-0.01
86) Perylene-d12	24.401	264	2710391	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3196883	123.915	ng	0.00
7) Phenol-d6	6.655	99	3612992	113.071	ng	0.00
23) Nitrobenzene-d5	8.531	82	2592649	86.115	ng	0.00
42) 2,4,6-Tribromophenol	15.572	330	2021284	130.445	ng	0.00
45) 2-Fluorobiphenyl	12.643	172	6398438	85.822	ng	0.00
79) Terphenyl-d14	19.625	244	8662485	72.384	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.596	122	108963	5.535	ng	100
60) Diethylphthalate	14.913	149	223953	3.023	ng	100

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

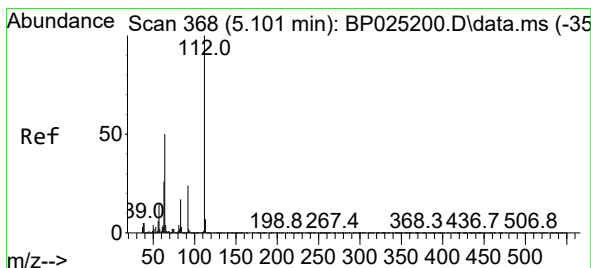
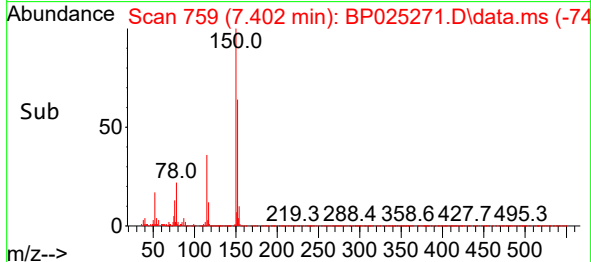
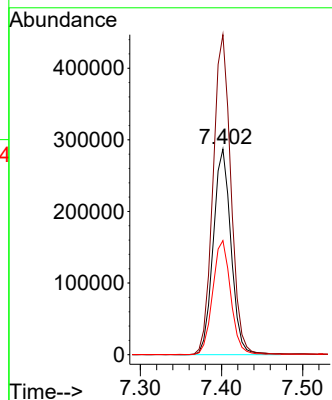
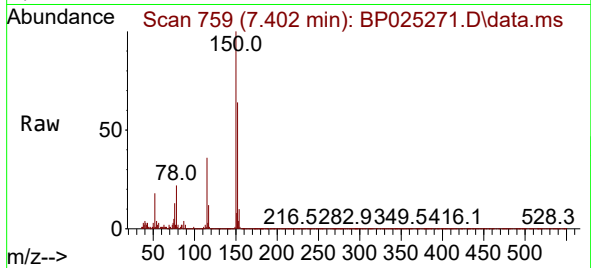




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.402 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BP025271.D
 Acq: 29 Jul 2025 21:35

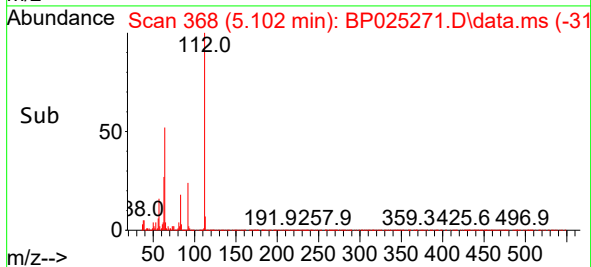
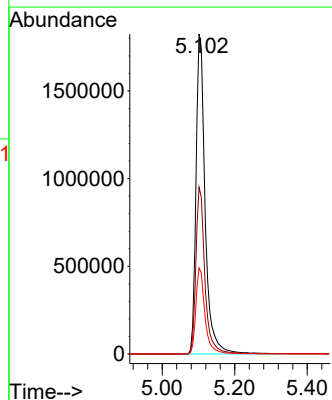
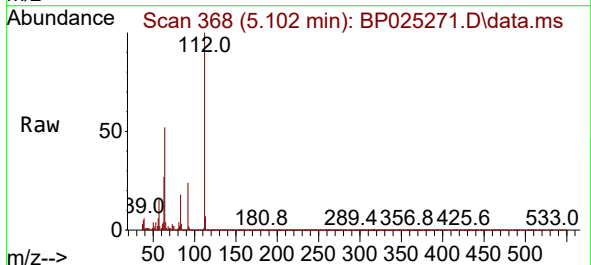
Instrument :
 BNA_P
 ClientSampleId :
 299

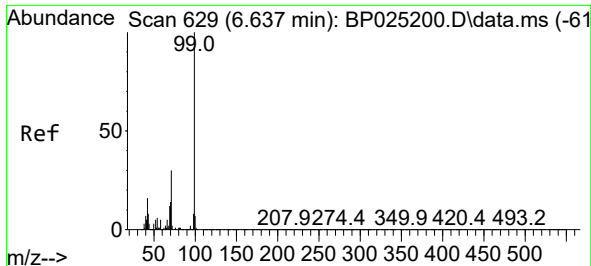
Tgt Ion:152 Resp: 435911
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.9 182.9
 115 55.5 43.0 64.6



#5
 2-Fluorophenol
 Concen: 123.915 ng
 RT: 5.102 min Scan# 368
 Delta R.T. -0.006 min
 Lab File: BP025271.D
 Acq: 29 Jul 2025 21:35

Tgt Ion:112 Resp: 3196883
 Ion Ratio Lower Upper
 112 100
 64 52.1 39.8 59.6
 63 26.9 20.5 30.7

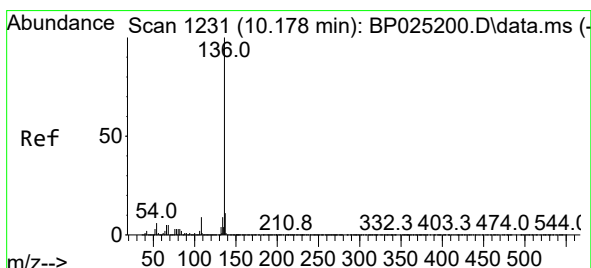
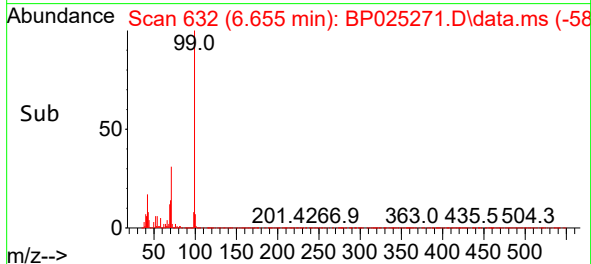
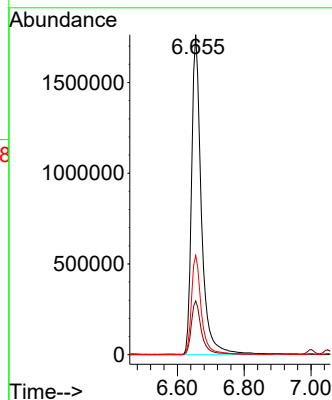
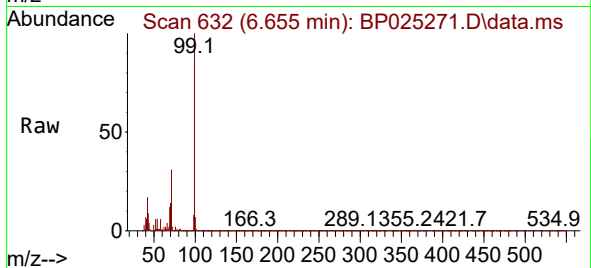




#7
Phenol-d6
Concen: 113.071 ng
RT: 6.655 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025271.D
Acq: 29 Jul 2025 21:35

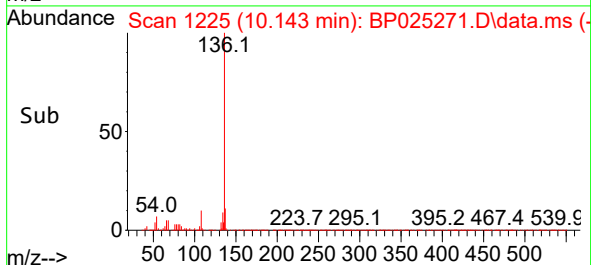
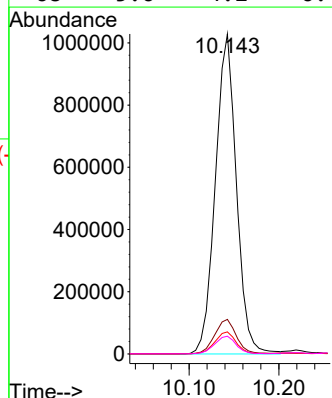
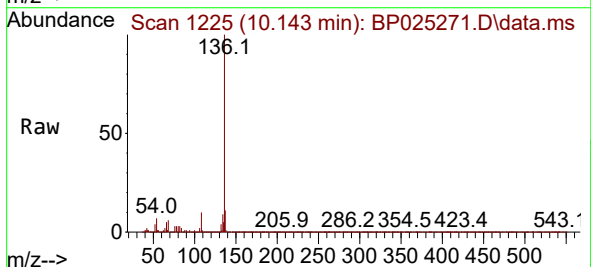
Instrument :
BNA_P
ClientSampleId :
299

Tgt Ion: 99 Resp: 3612992
Ion Ratio Lower Upper
99 100
42 16.8 12.5 18.7
71 31.0 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.143 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BP025271.D
Acq: 29 Jul 2025 21:35

Tgt Ion:136 Resp: 1673140
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.9 5.1 7.7
68 5.6 4.2 6.4

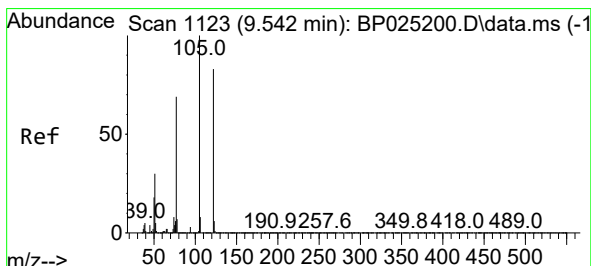
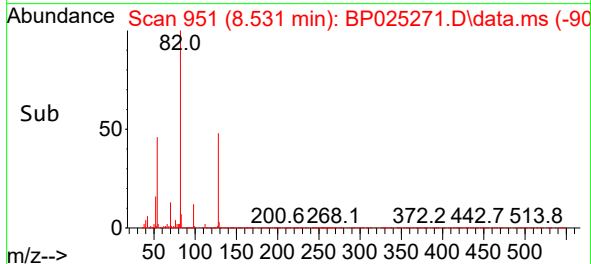
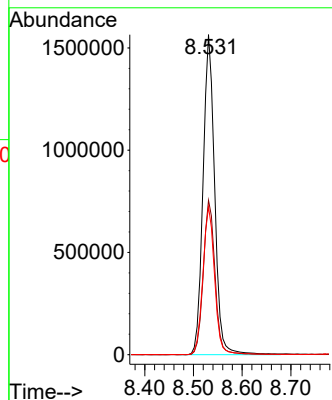
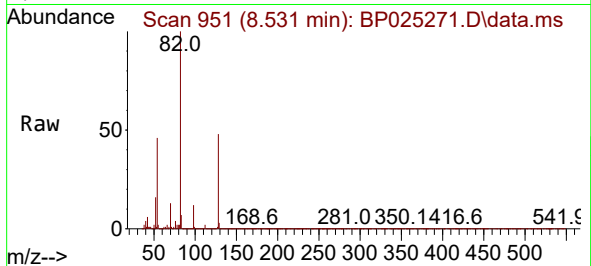




#23
Nitrobenzene-d5
Concen: 86.115 ng
RT: 8.531 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025271.D
Acq: 29 Jul 2025 21:35

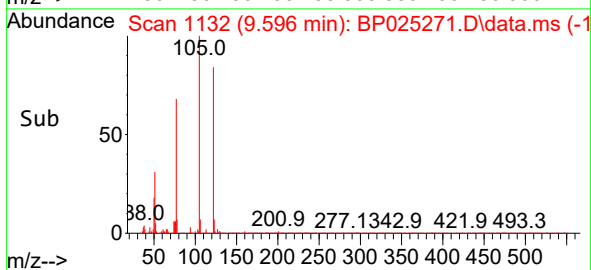
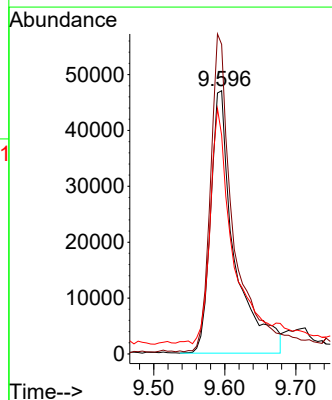
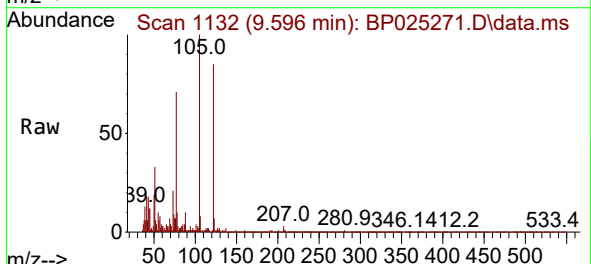
Instrument :
BNA_P
ClientSampleId :
299

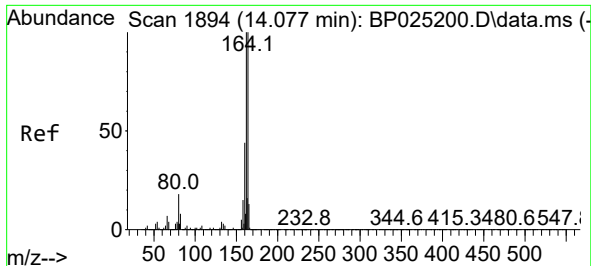
Tgt Ion: 82 Resp: 2592649
Ion Ratio Lower Upper
82 100
128 48.2 40.2 60.4
54 46.2 36.3 54.5



#32
Benzoic acid
Concen: 5.535 ng
RT: 9.596 min Scan# 1132
Delta R.T. 0.012 min
Lab File: BP025271.D
Acq: 29 Jul 2025 21:35

Tgt Ion:122 Resp: 108963
Ion Ratio Lower Upper
122 100
105 117.7 98.1 138.1
77 83.1 62.7 102.7

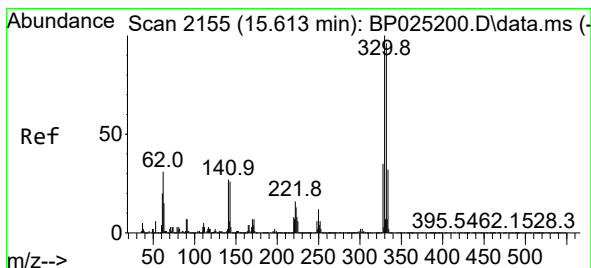
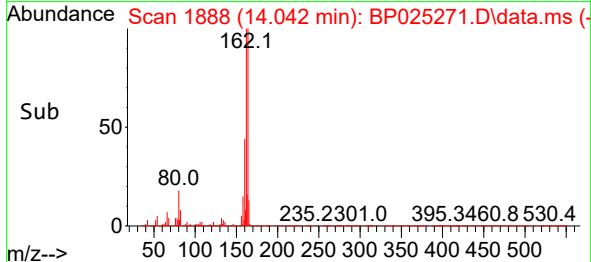
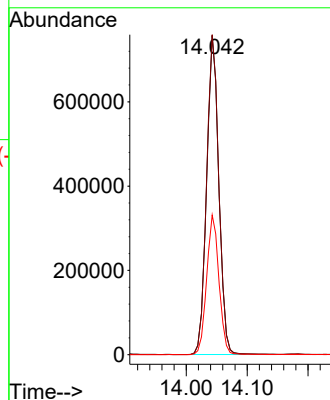
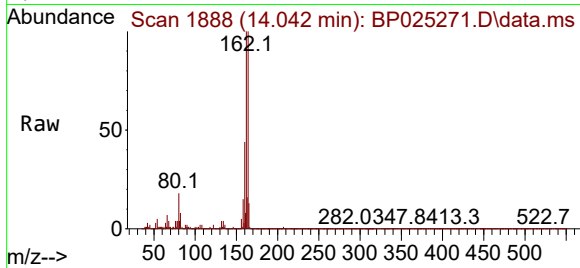




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.042 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025271.D
Acq: 29 Jul 2025 21:35

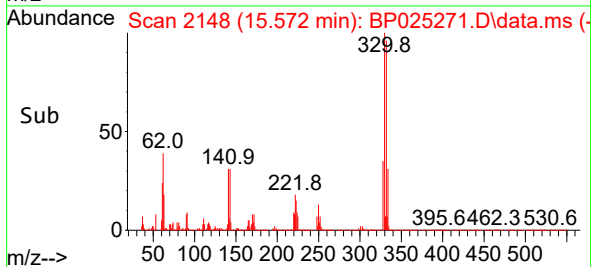
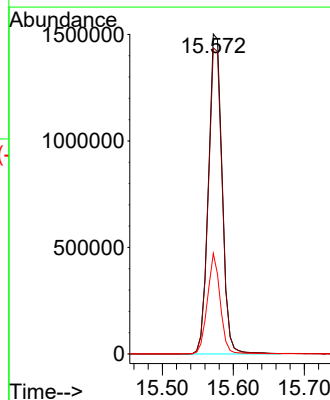
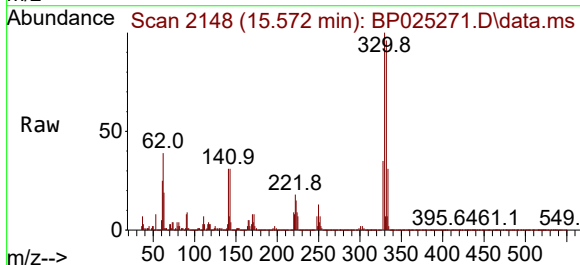
Instrument :
BNA_P
ClientSampleId :
299

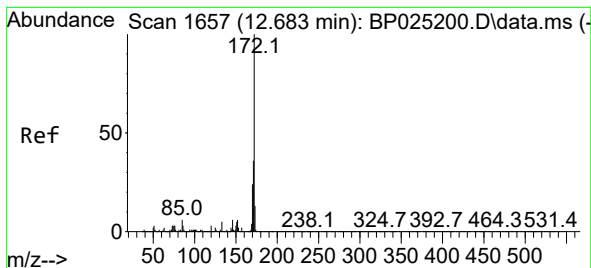
Tgt Ion:164 Resp: 1051083
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 43.8 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 130.445 ng
RT: 15.572 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP025271.D
Acq: 29 Jul 2025 21:35

Tgt Ion:330 Resp: 2021284
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 29.1 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 85.822 ng

RT: 12.643 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

Instrument :

BNA_P

ClientSampleId :

299

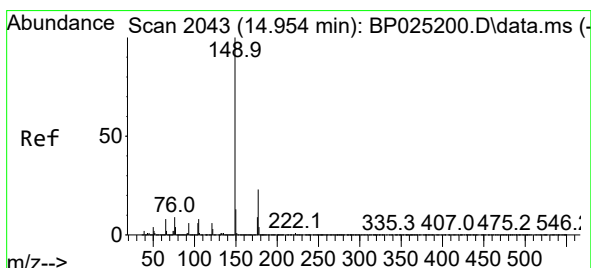
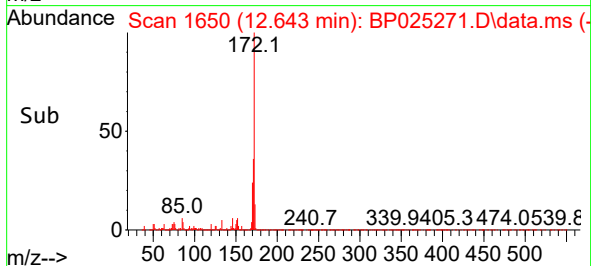
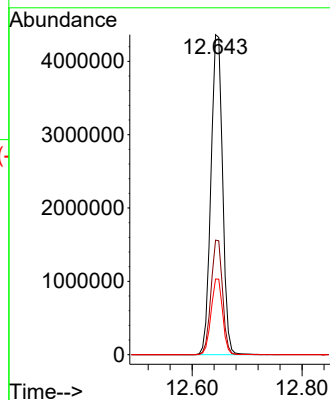
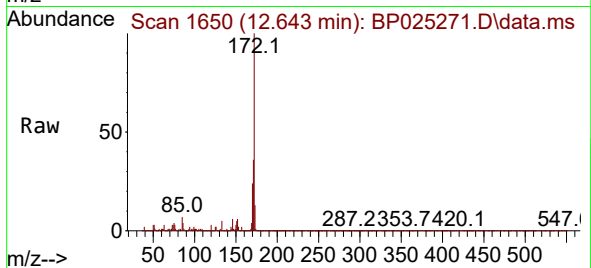
Tgt Ion:172 Resp: 6398438

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.6 19.2 28.8



#60

Diethylphthalate

Concen: 3.023 ng

RT: 14.913 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

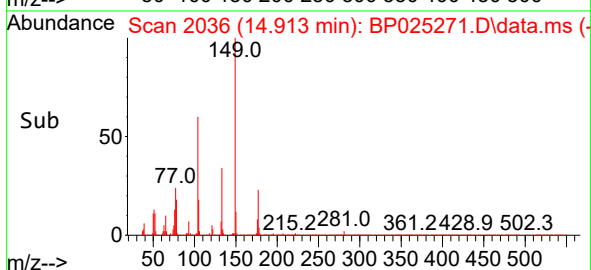
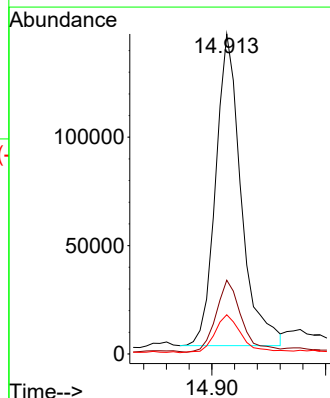
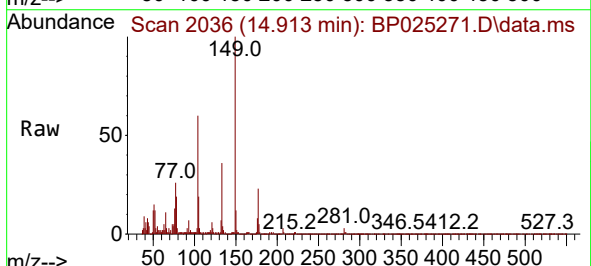
Tgt Ion:149 Resp: 223953

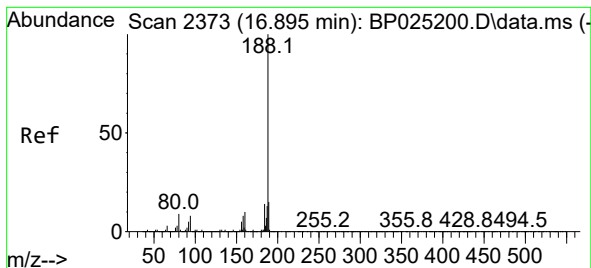
Ion Ratio Lower Upper

149 100

177 23.0 18.4 27.6

150 12.2 10.0 15.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.866 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

Instrument :

BNA_P

ClientSampleId :

299

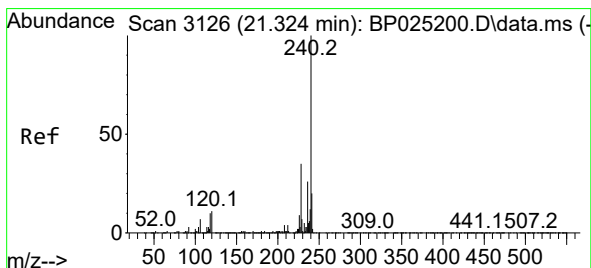
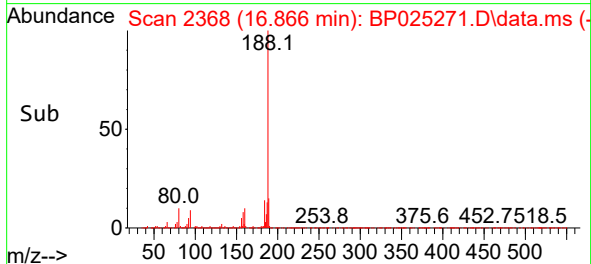
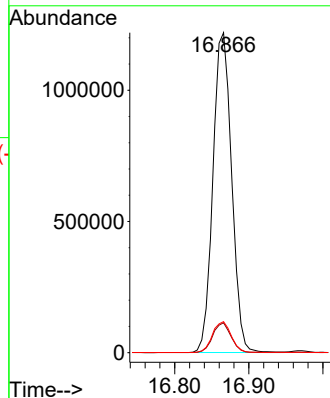
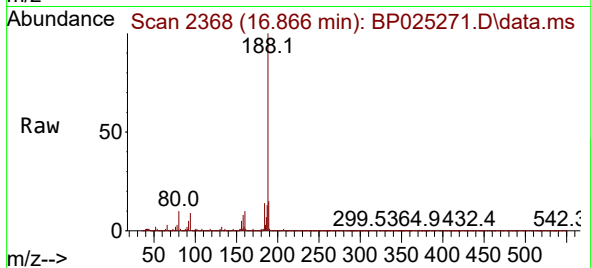
Tgt Ion:188 Resp: 2137781

Ion Ratio Lower Upper

188 100

94 9.3 6.8 10.2

80 9.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.295 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

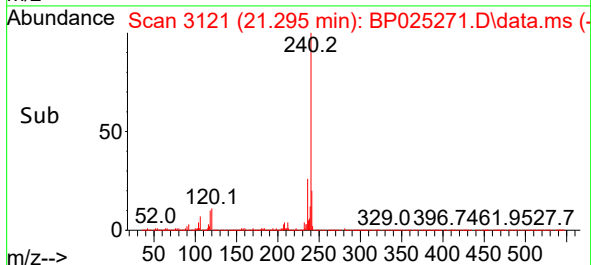
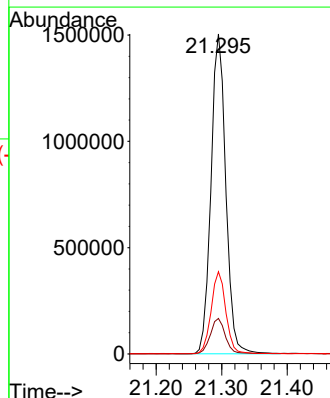
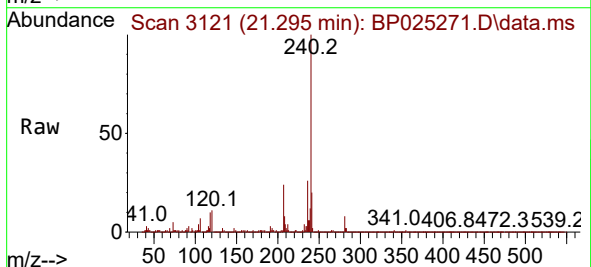
Tgt Ion:240 Resp: 2362404

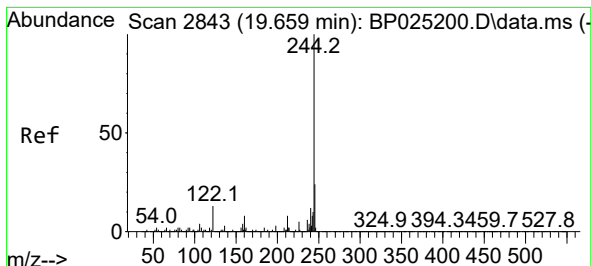
Ion Ratio Lower Upper

240 100

120 11.1 8.8 13.2

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 72.384 ng

RT: 19.625 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

Instrument :

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ClientSampleId :

299

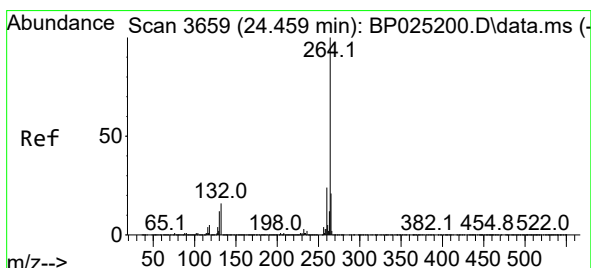
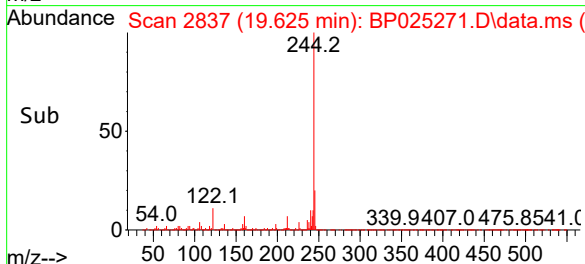
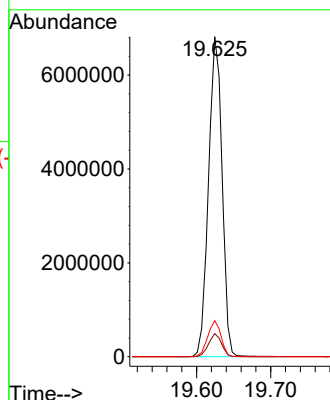
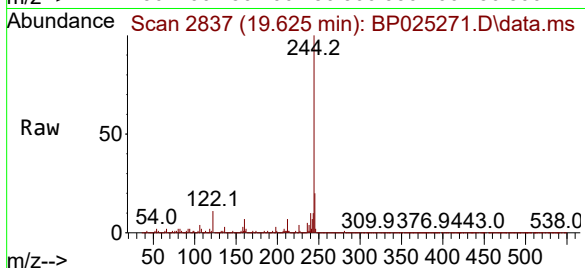
Tgt Ion:244 Resp: 8662485

Ion Ratio Lower Upper

244 100

212 7.2 6.6 9.8

122 11.3 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.401 min Scan# 3649

Delta R.T. -0.012 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

Tgt Ion:264 Resp: 2710391

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.3 17.5 26.3

