

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025406.D
 Acq On : 14 Aug 2025 23:37
 Operator : CG/JU
 Sample : PB169228BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169228BL

Quant Time: Aug 15 01:38:11 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	151255	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	580467	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	375906	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	766364	20.000	ng	0.00
76) Chrysene-d12	21.642	240	917581	20.000	ng	0.00
86) Perylene-d12	25.018	264	1039281	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1126243	123.655	ng	0.00
7) Phenol-d6	6.972	99	1380582	118.230	ng	0.00
23) Nitrobenzene-d5	8.931	82	874228	76.186	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	628097	124.137	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2062528	74.987	ng	0.00
79) Terphenyl-d14	19.913	244	3671345	73.203	ng	0.00

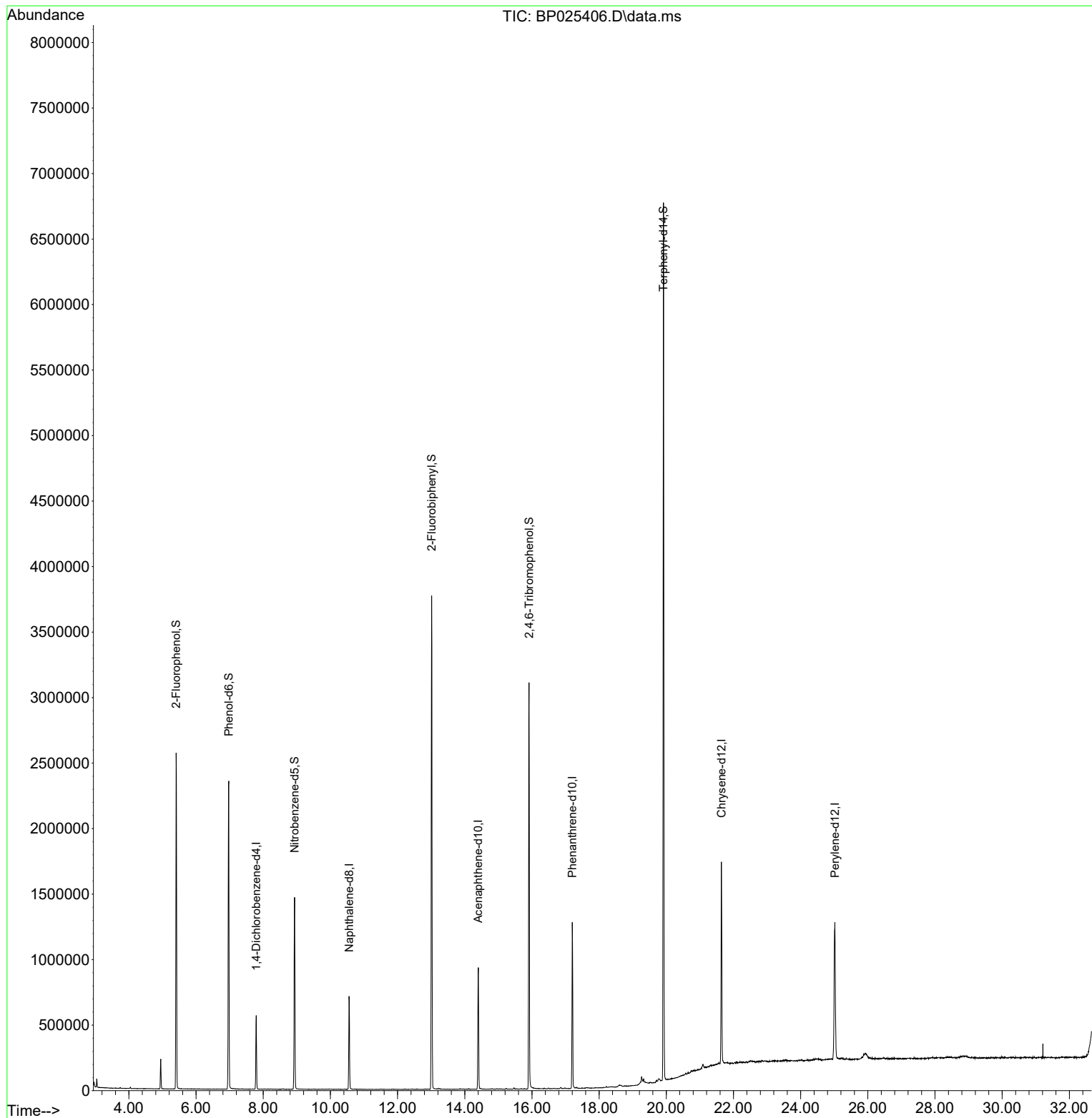
Target Compounds	Qvalue

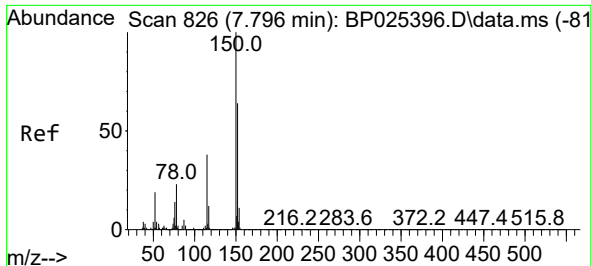
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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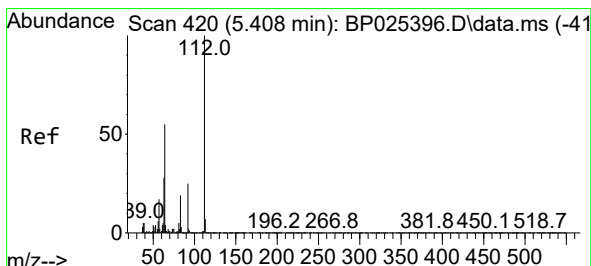
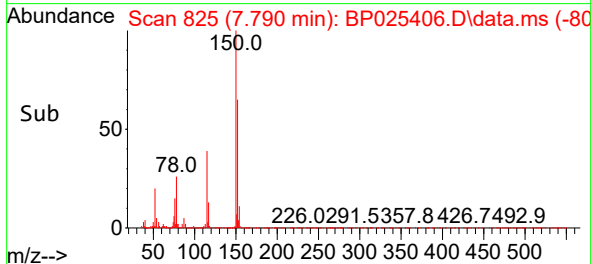
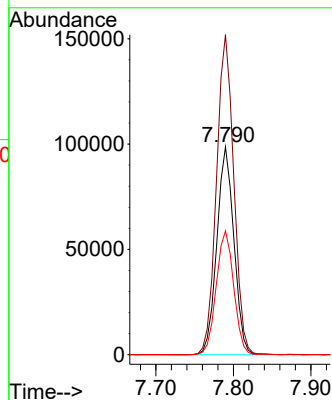
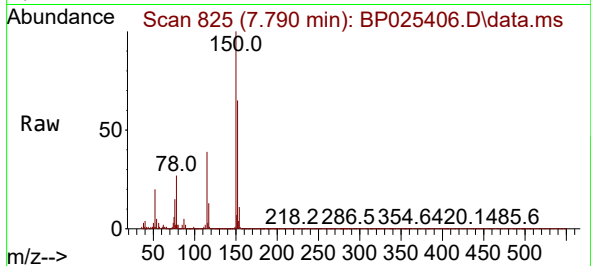




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025406.D
 Acq: 14 Aug 2025 23:37

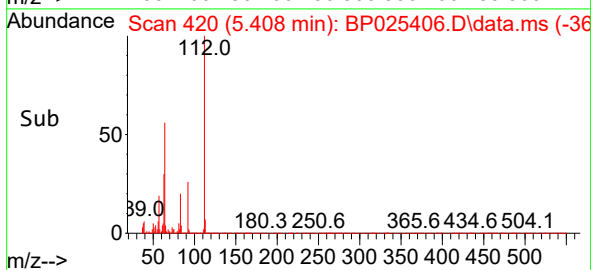
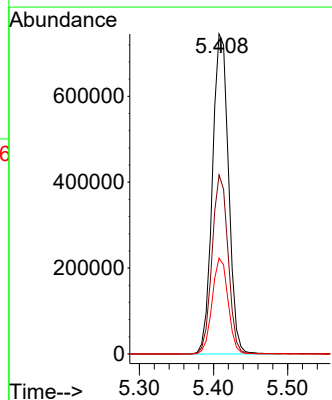
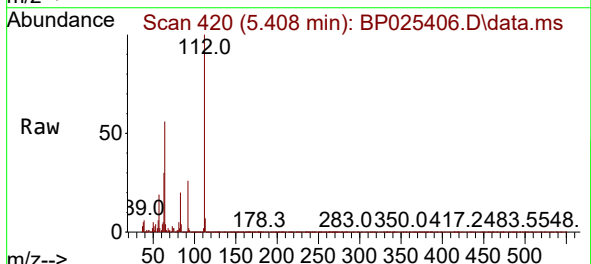
Instrument :
 BNA_P
 ClientSampleId :
 PB169228BL

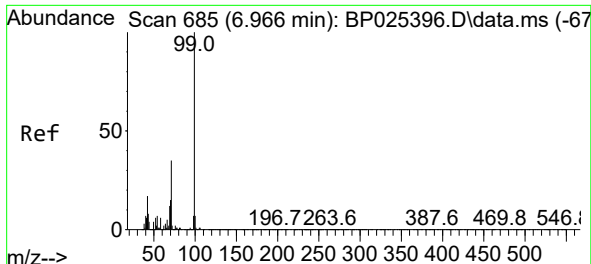
Tgt Ion:152 Resp: 151255
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.9 188.9
 115 59.6 48.5 72.7



#5
 2-Fluorophenol
 Concen: 123.655 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025406.D
 Acq: 14 Aug 2025 23:37

Tgt Ion:112 Resp: 1126243
 Ion Ratio Lower Upper
 112 100
 64 55.9 43.8 65.8
 63 29.9 22.7 34.1

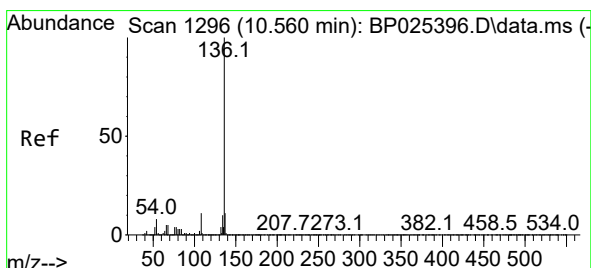
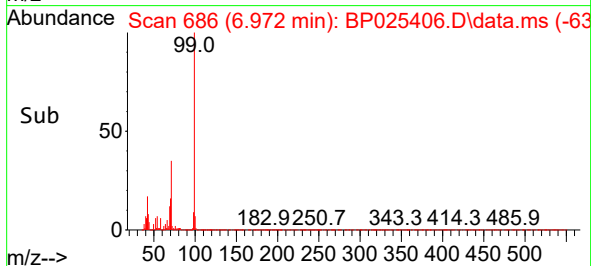
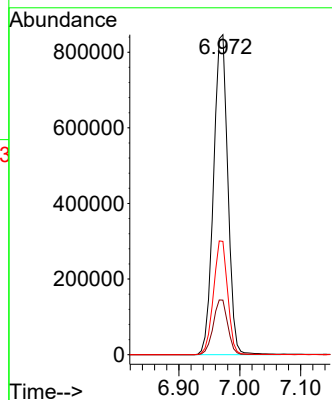
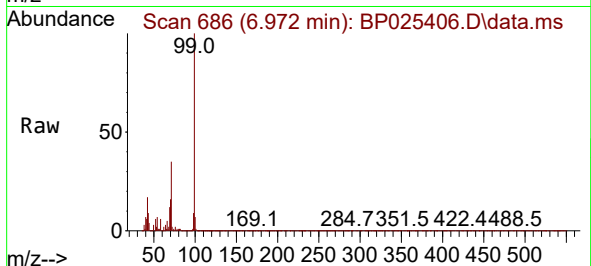




#7
Phenol-d6
Concen: 118.230 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

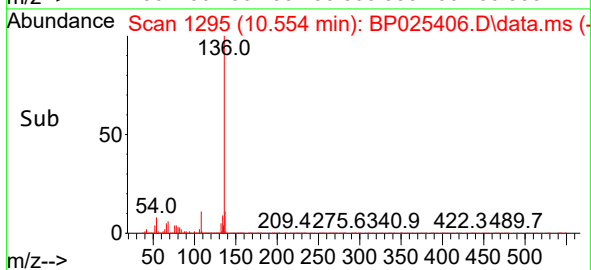
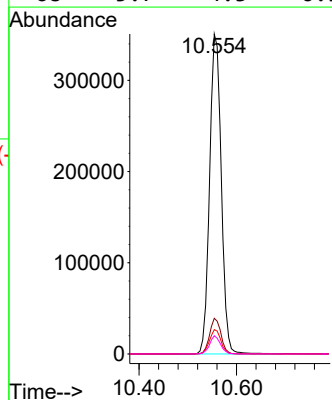
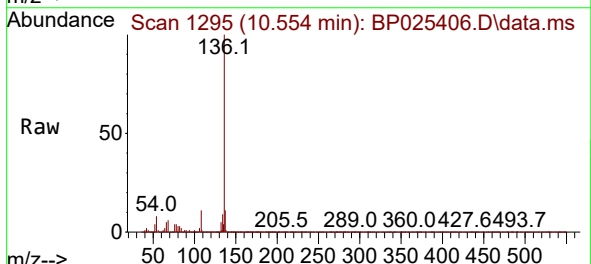
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BNA_P
ClientSampleId :
PB169228BL

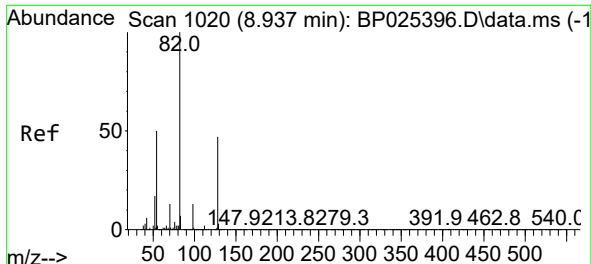
Tgt Ion: 99 Resp: 1380582
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 35.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

Tgt Ion:136 Resp: 580467
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.6 6.0 9.0
68 5.7 4.3 6.5

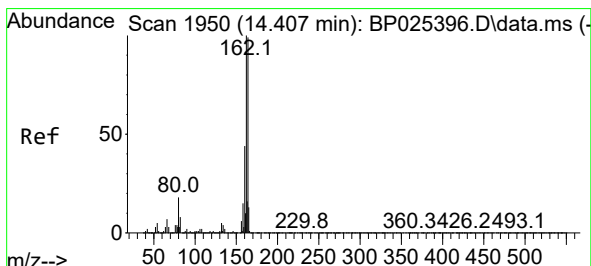
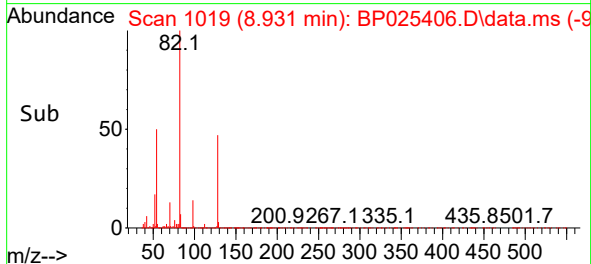
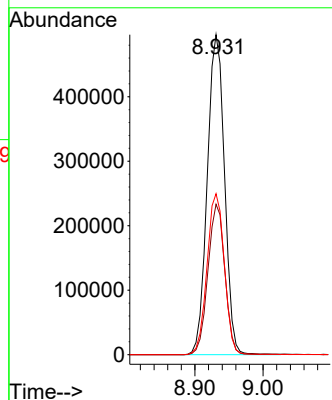
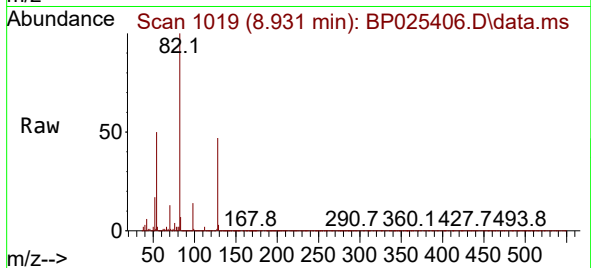




#23
Nitrobenzene-d5
Concen: 76.186 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

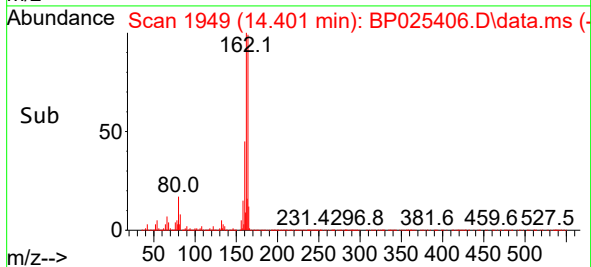
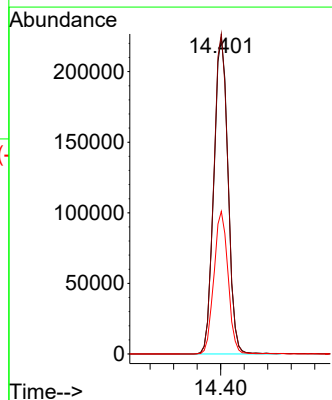
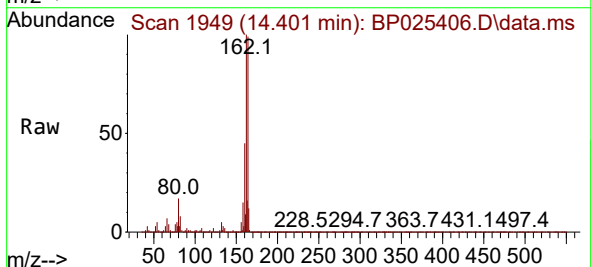
Instrument :
BNA_P
ClientSampleId :
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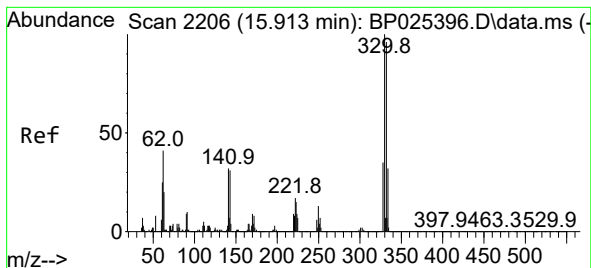
Tgt Ion: 82 Resp: 874228
Ion Ratio Lower Upper
82 100
128 47.0 37.7 56.5
54 50.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

Tgt Ion: 164 Resp: 375906
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 45.0 35.4 53.2

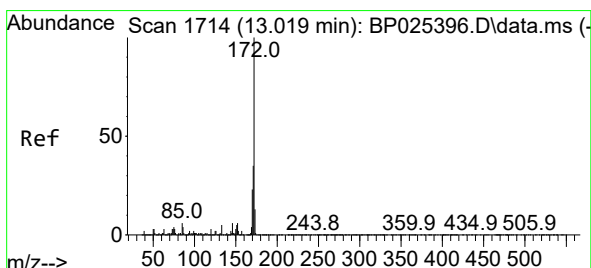
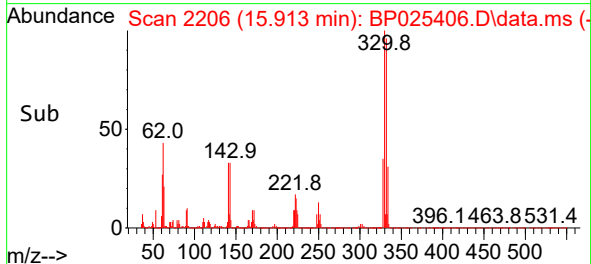
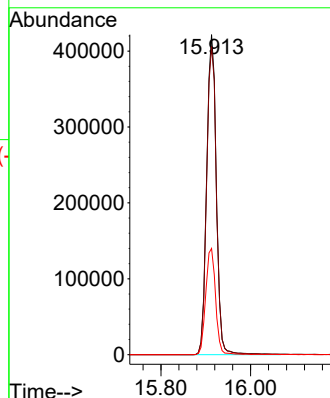
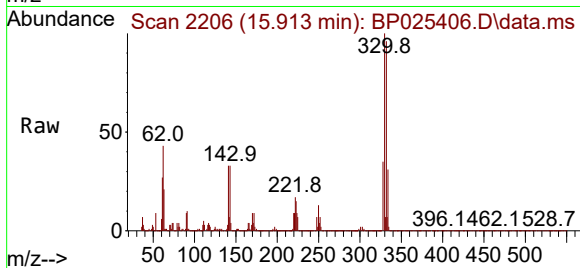




#42
2,4,6-Tribromophenol
Concen: 124.137 ng
RT: 15.913 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

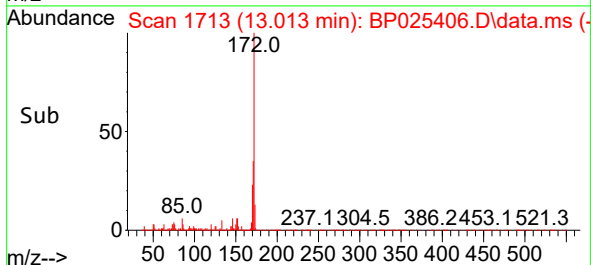
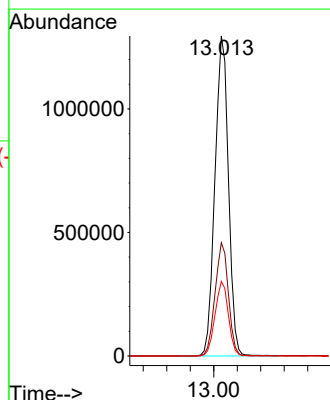
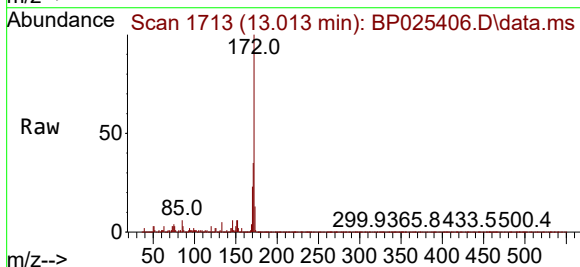
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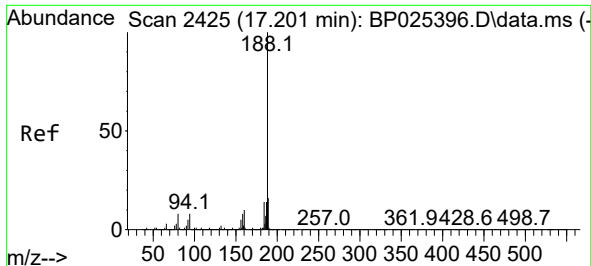
Tgt Ion:330 Resp: 628097
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 34.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 74.987 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

Tgt Ion:172 Resp: 2062528
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.3 18.6 28.0

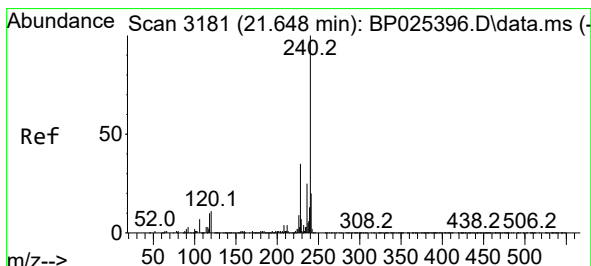
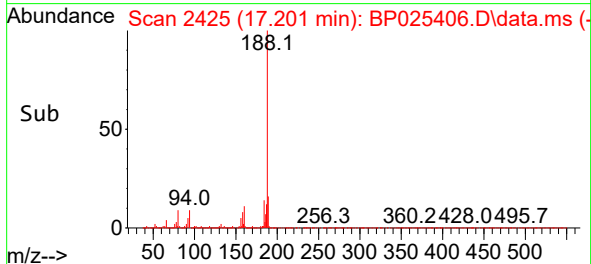
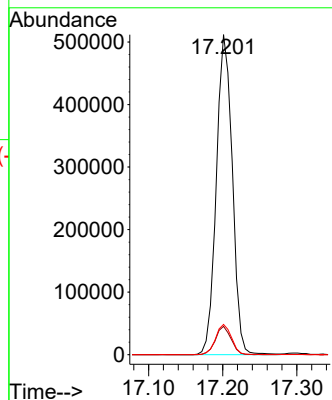
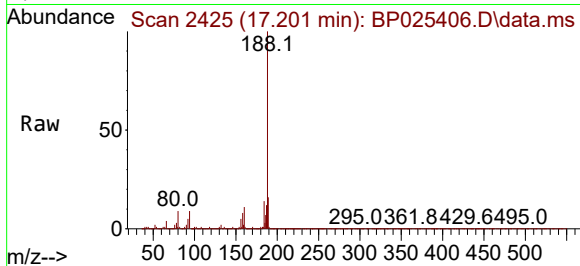




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

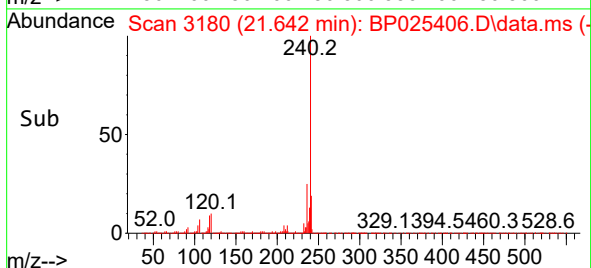
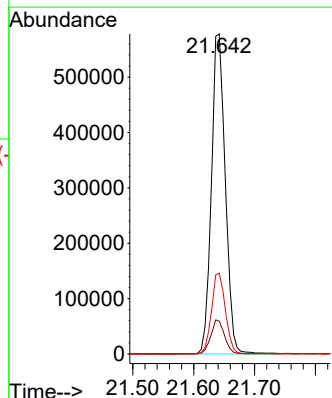
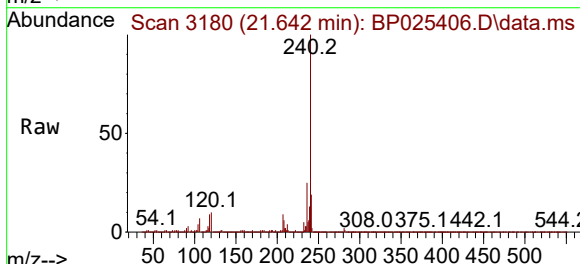
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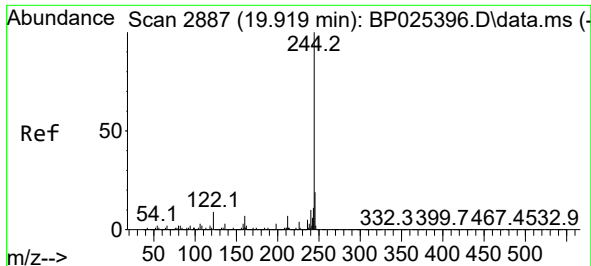
Tgt Ion:188 Resp: 766364
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.5 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

Tgt Ion:240 Resp: 917581
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.2 19.8 29.8

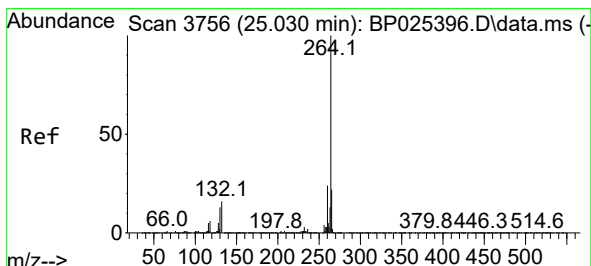
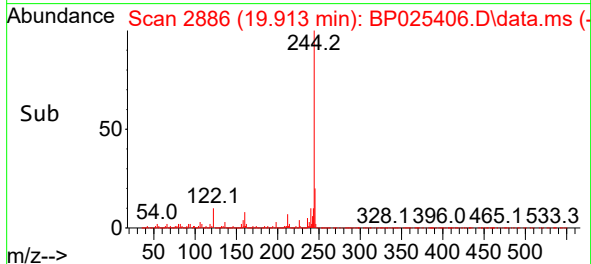
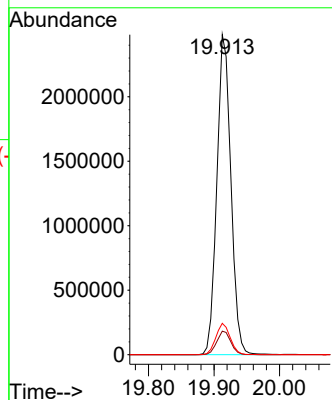
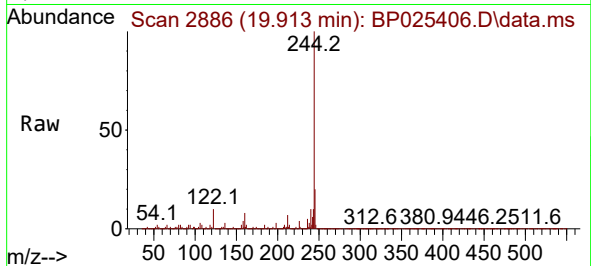




#79
 Terphenyl-d14
 Concen: 73.203 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025406.D
 Acq: 14 Aug 2025 23:37

Instrument :
 BNA_P
 ClientSampleId :
 PB169228BL

Tgt Ion:244 Resp: 3671345
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.8 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.018 min Scan# 3754
 Delta R.T. -0.012 min
 Lab File: BP025406.D
 Acq: 14 Aug 2025 23:37

Tgt Ion:264 Resp: 1039281
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.6 17.4 26.0

