

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025997.D
 Acq On : 21 Oct 2025 22:25
 Operator : RC/JU
 Sample : Q3392-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-20

Quant Time: Oct 22 10:51:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	165890	20.00	ng	0.00
21) Naphthalene-d8	10.472	136	609011	20.00	ng	0.01
39) Acenaphthene-d10	14.325	164	359441	20.00	ng	0.00
64) Phenanthrene-d10	17.148	188	695114	20.00	ng	0.03
76) Chrysene-d12	21.583	240	595516	20.00	ng	0.00
86) Perylene-d12	24.930	264	267659	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1296221	128.11	ng	0.00
7) Phenol-d6	6.908	99	1460889	103.46	ng	0.00
23) Nitrobenzene-d5	8.849	82	1128672	83.30	ng	0.00
42) 2,4,6-Tribromophenol	15.854	330	601784	124.36	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	2391390	85.27	ng	0.00
79) Terphenyl-d14	19.860	244	3008057	80.73	ng	0.00

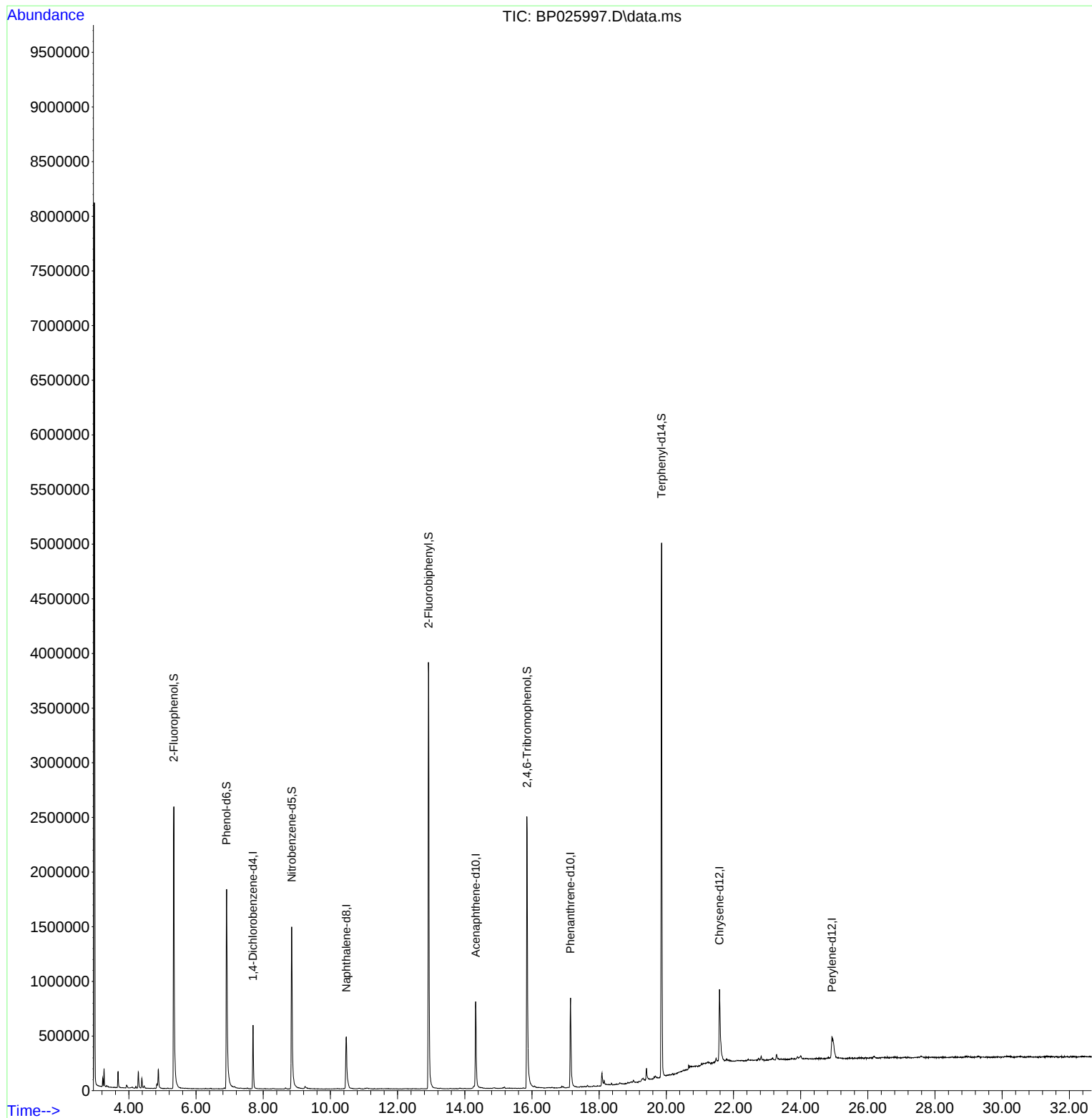
Target Compounds	Qvalue

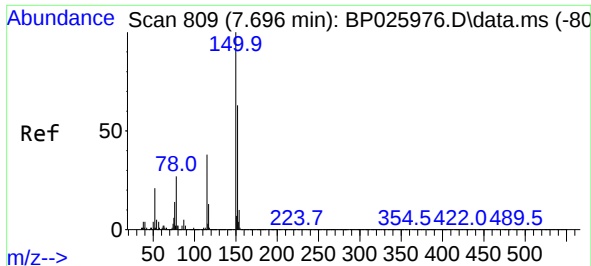
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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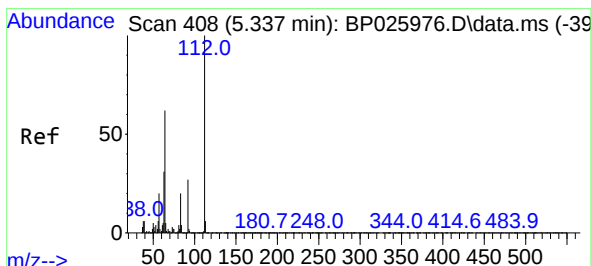
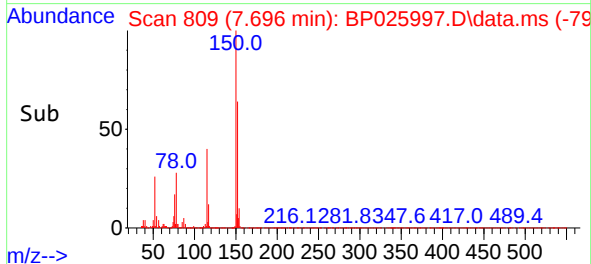
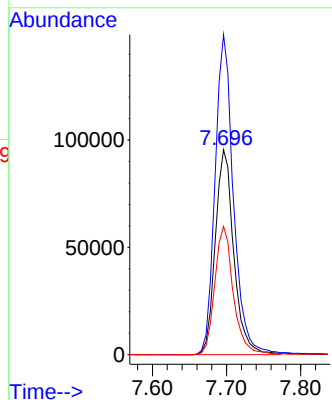
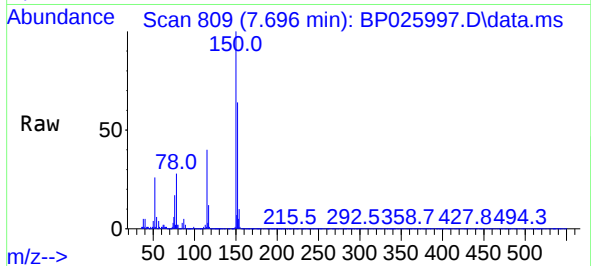




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

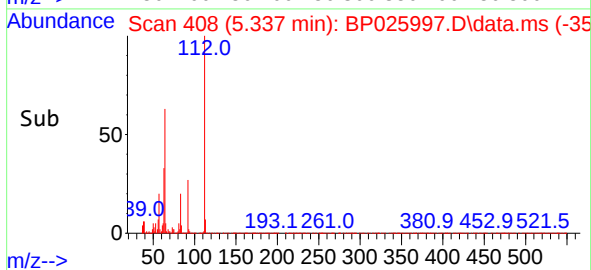
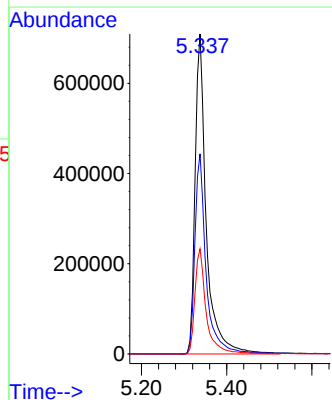
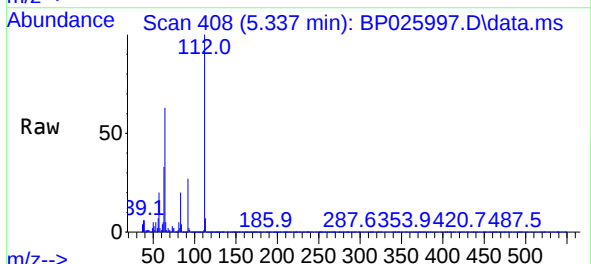
Instrument :
BNA_P
ClientSampleId :
MH-20

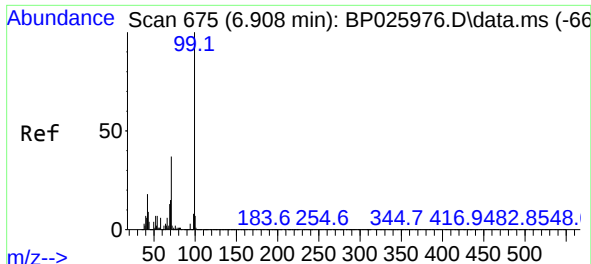
Tgt Ion:152 Resp: 165890
Ion Ratio Lower Upper
152 100
150 156.1 127.3 190.9
115 62.6 48.7 73.1



#5
2-Fluorophenol
Concen: 128.11 ng
RT: 5.337 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

Tgt Ion:112 Resp: 1296221
Ion Ratio Lower Upper
112 100
64 62.6 49.9 74.9
63 32.9 24.9 37.3

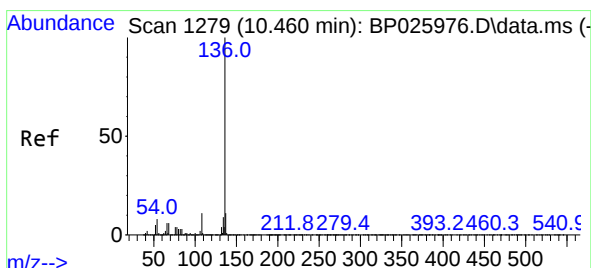
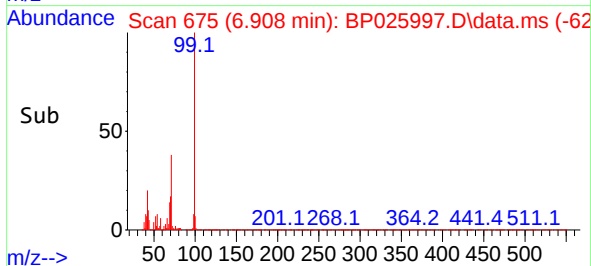
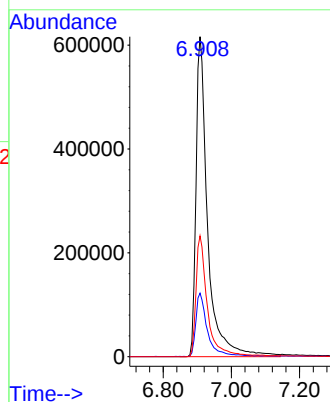
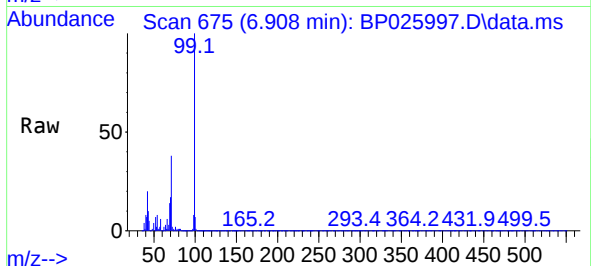




#7
Phenol-d6
Concen: 103.46 ng
RT: 6.908 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

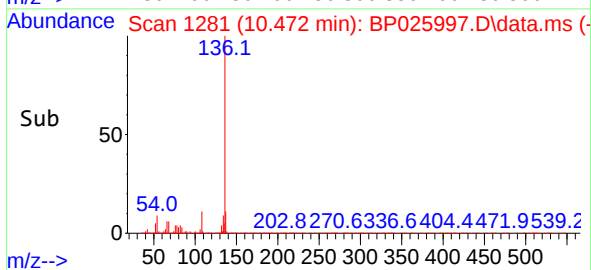
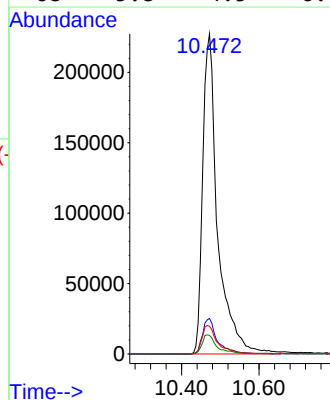
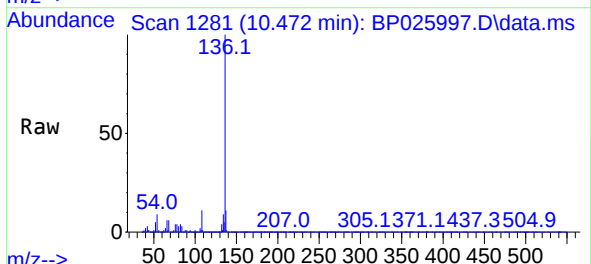
Instrument :
BNA_P
ClientSampleId :
MH-20

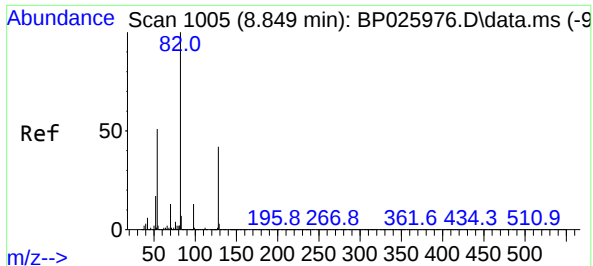
Tgt Ion: 99 Resp: 1460889
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 37.8 29.4 44.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.472 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

Tgt Ion: 136 Resp: 609011
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.7 6.8 10.2
68 5.8 4.5 6.7

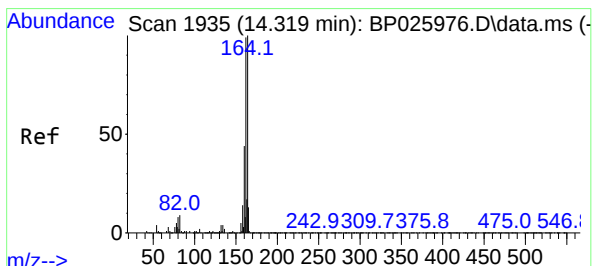
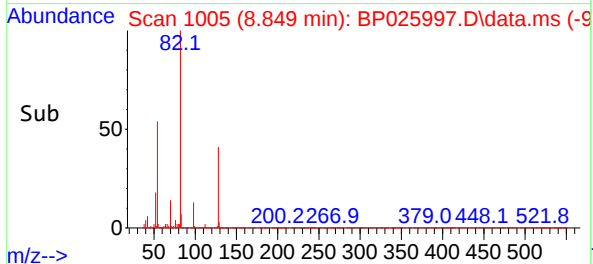
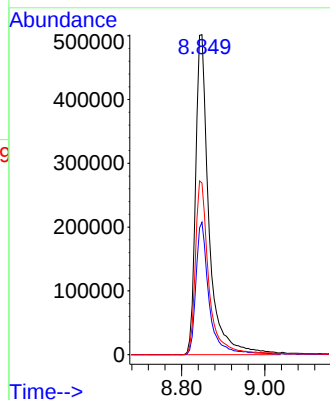
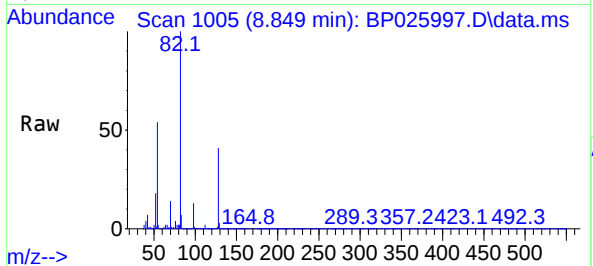




#23
Nitrobenzene-d5
Concen: 83.30 ng
RT: 8.849 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

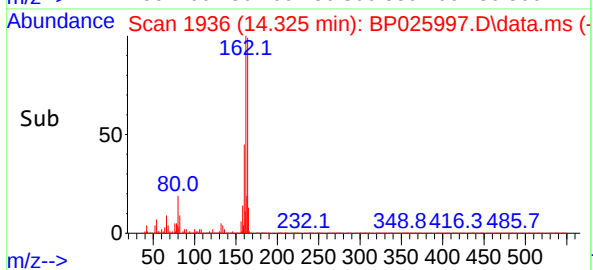
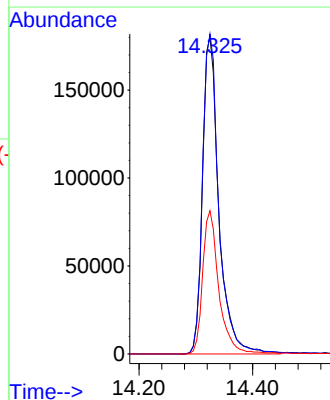
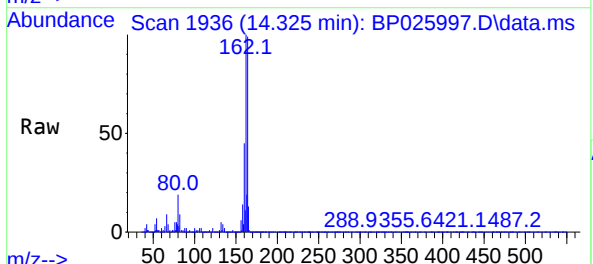
Instrument :
BNA_P
ClientSampleId :
MH-20

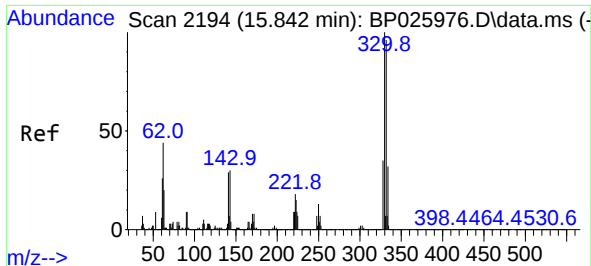
Tgt Ion: 82 Resp: 1128672
Ion Ratio Lower Upper
82 100
128 41.4 33.6 50.4
54 53.7 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

Tgt Ion: 164 Resp: 359441
Ion Ratio Lower Upper
164 100
162 100.9 79.3 118.9
160 45.2 35.4 53.0

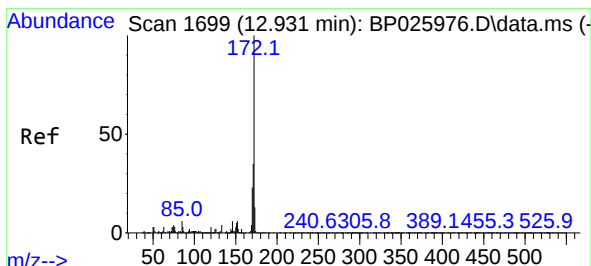
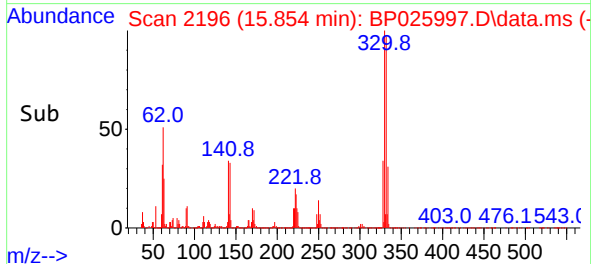
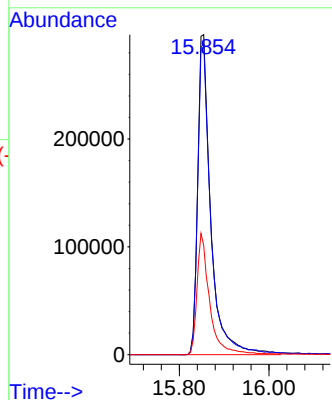
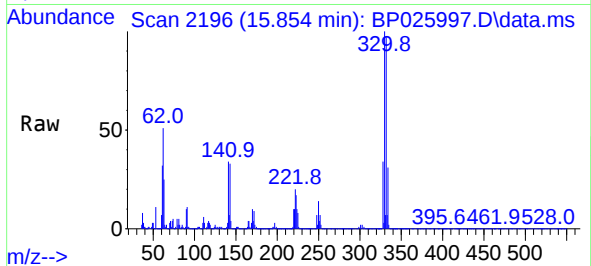




#42
2,4,6-Tribromophenol
Concen: 124.36 ng
RT: 15.854 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

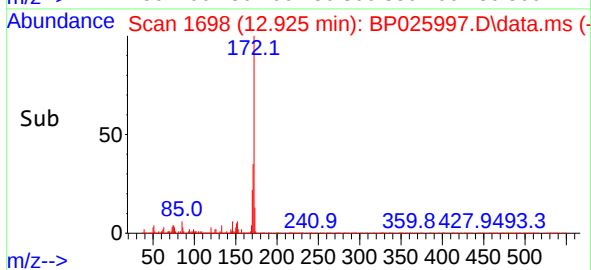
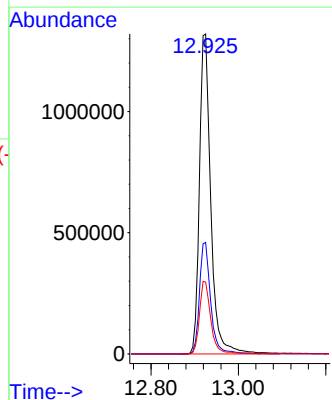
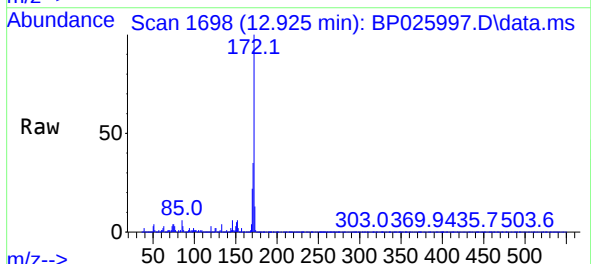
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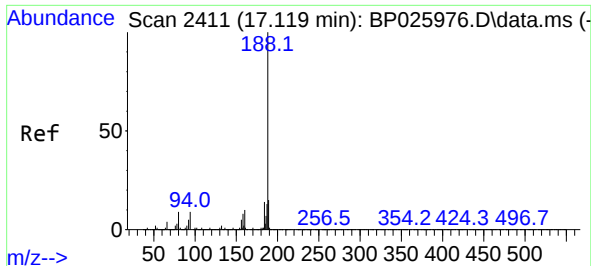
Tgt Ion:330 Resp: 601784
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 36.9 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 85.27 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

Tgt Ion:172 Resp: 2391390
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 22.5 18.5 27.7

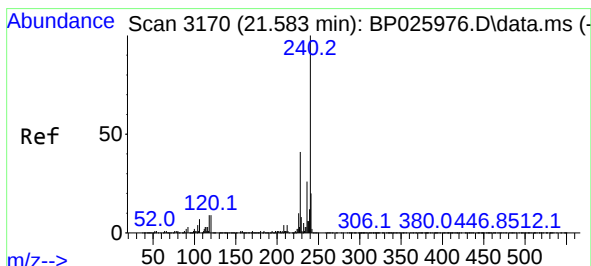
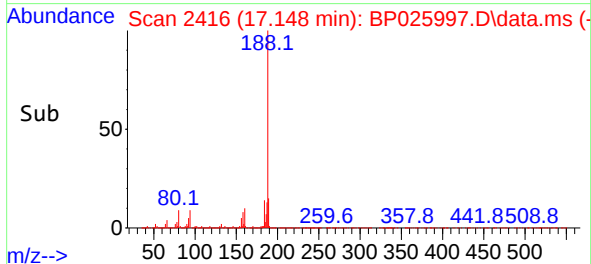
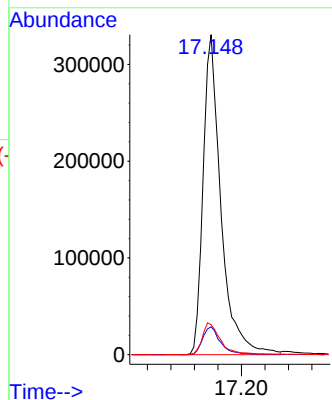
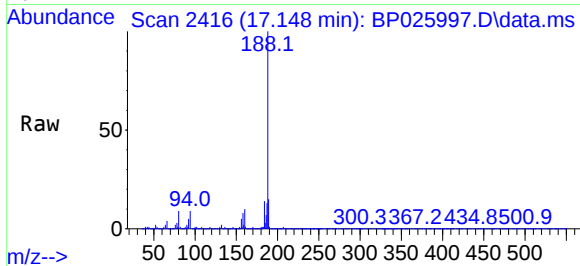




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.148 min Scan# 2411
Delta R.T. 0.029 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

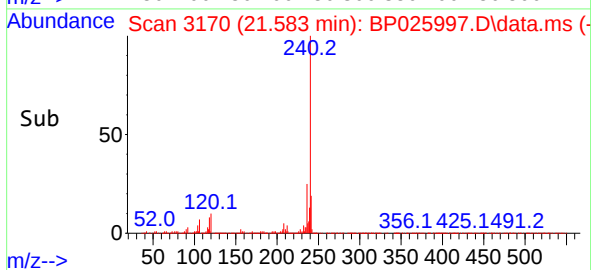
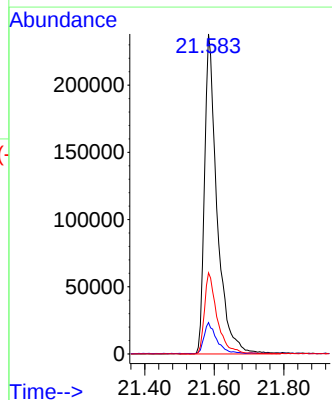
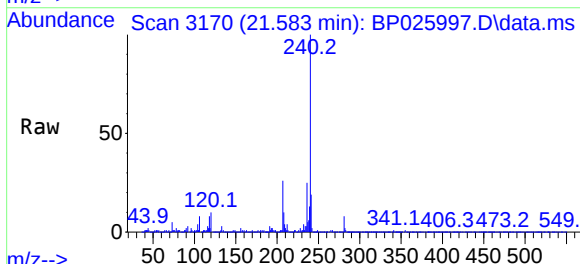
Instrument :
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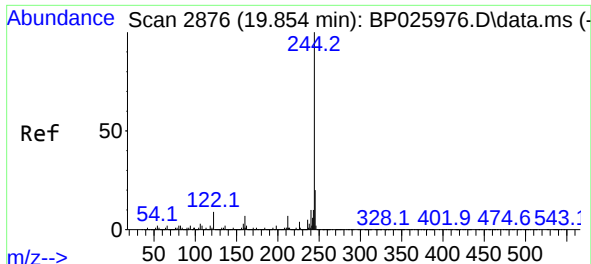
Tgt Ion:188 Resp: 695114
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025997.D
Acq: 21 Oct 2025 22:25

Tgt Ion:240 Resp: 595516
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.0
236 25.3 20.4 30.6

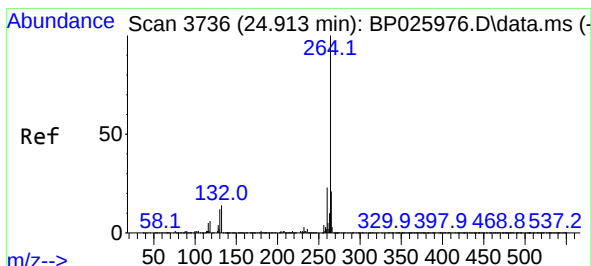
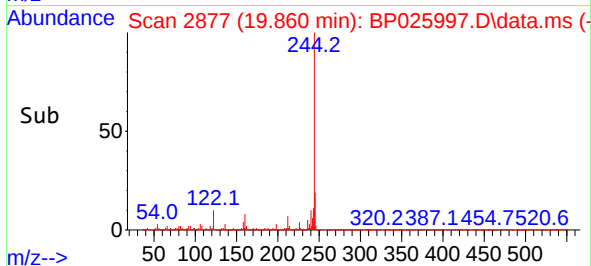
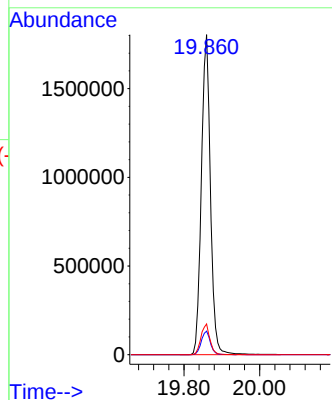
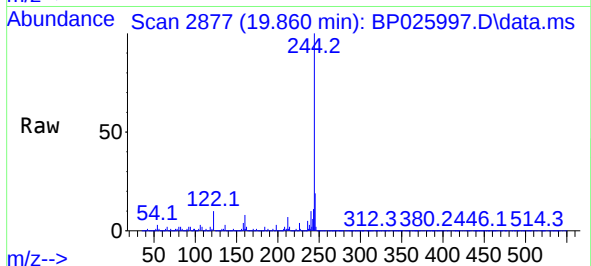




#79
 Terphenyl-d14
 Concen: 80.73 ng
 RT: 19.860 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025997.D
 Acq: 21 Oct 2025 22:25

Instrument :
 BNA_P
 ClientSampleId :
 MH-20

Tgt Ion:244 Resp: 3008057
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.930 min Scan# 3739
 Delta R.T. 0.018 min
 Lab File: BP025997.D
 Acq: 21 Oct 2025 22:25

Tgt Ion:264 Resp: 267659
 Ion Ratio Lower Upper
 264 100
 260 26.0 18.4 27.6
 265 24.8 17.7 26.5

