

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025996.D
 Acq On : 21 Oct 2025 21:44
 Operator : RC/JU
 Sample : Q3381-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-255

Quant Time: Oct 22 10:50:52 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	129443	20.00	ng	0.00
21) Naphthalene-d8	10.472	136	462279	20.00	ng	0.01
39) Acenaphthene-d10	14.325	164	292348	20.00	ng	0.00
64) Phenanthrene-d10	17.142	188	572316	20.00	ng	0.02
76) Chrysene-d12	21.595	240	624838	20.00	ng	0.01
86) Perylene-d12	24.936	264	592892	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	934007	118.30	ng	0.00
7) Phenol-d6	6.913	99	1030982	93.57	ng	0.00
23) Nitrobenzene-d5	8.849	82	843657	82.03	ng	0.00
42) 2,4,6-Tribromophenol	15.860	330	450238	114.40	ng	0.02
45) 2-Fluorobiphenyl	12.925	172	1869039	81.94	ng	0.00
79) Terphenyl-d14	19.860	244	2840650	72.66	ng	0.00

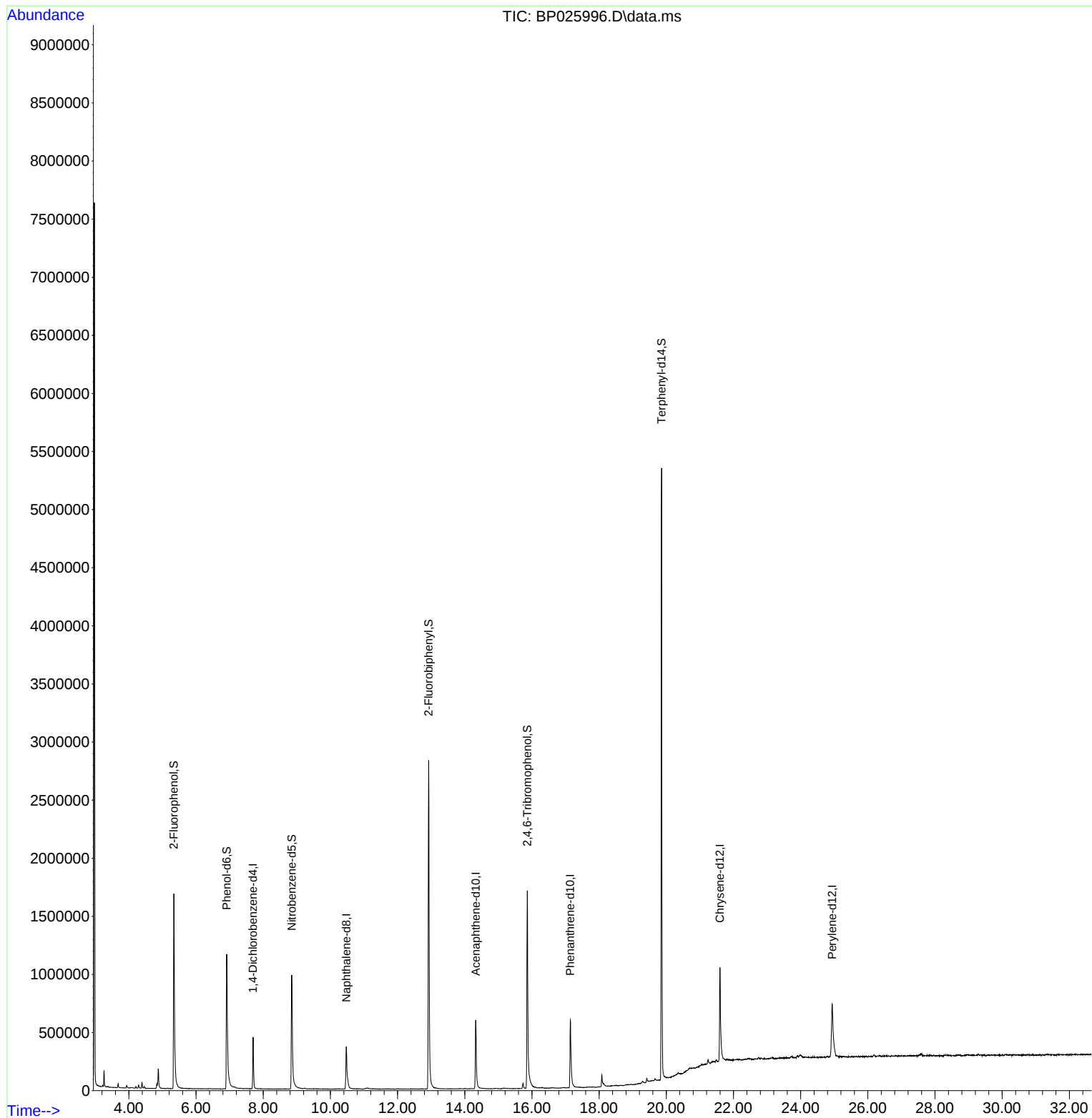
Target Compounds	Qvalue

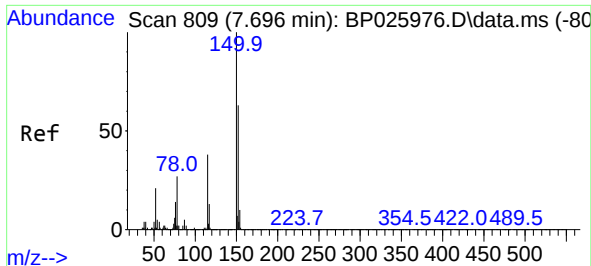
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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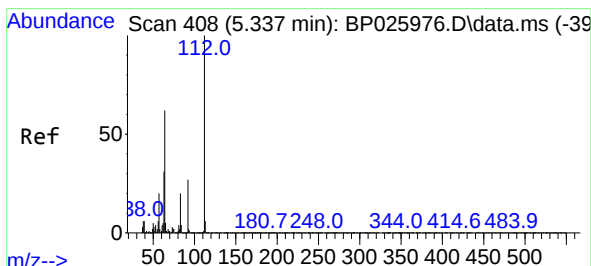
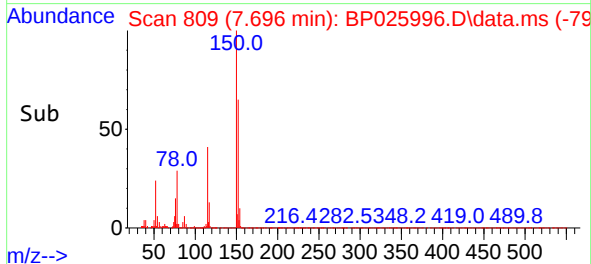
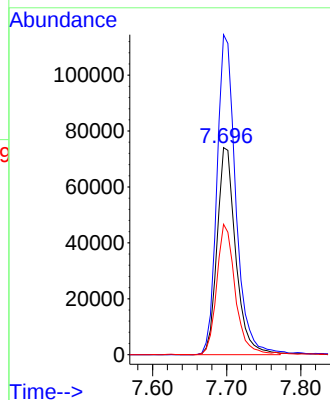
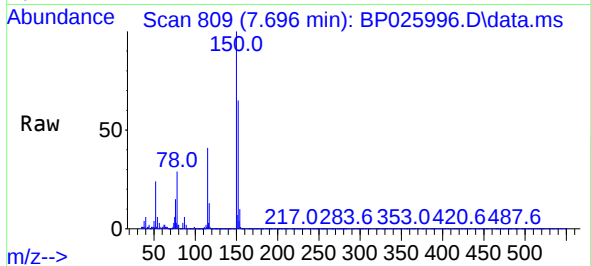




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

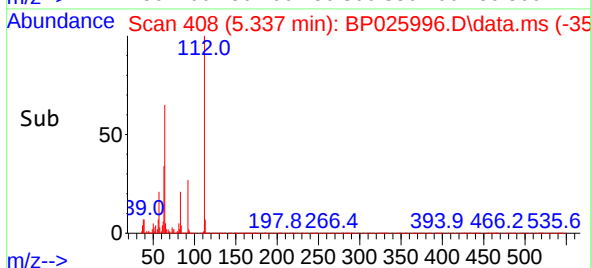
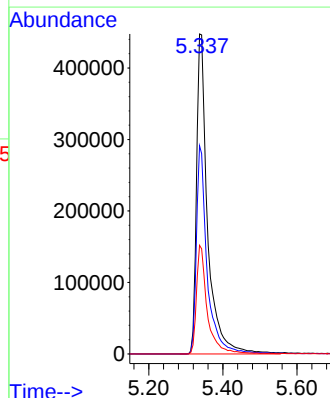
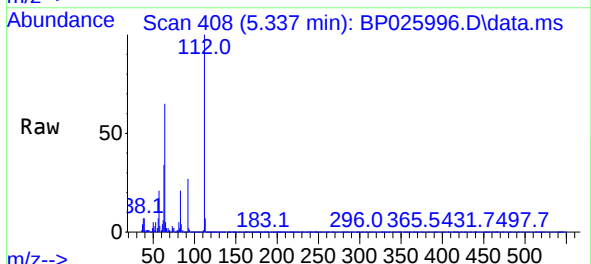
Instrument :
BNA_P
ClientSampleId :
VNJ-255

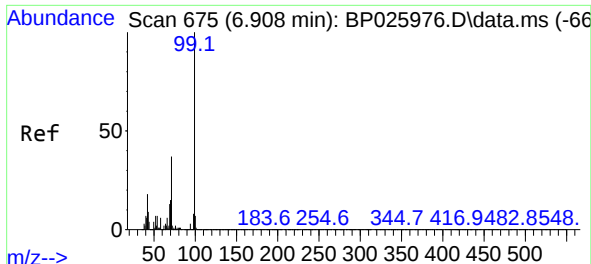
Tgt Ion:152 Resp: 129443
Ion Ratio Lower Upper
152 100
150 154.6 127.3 190.9
115 63.0 48.7 73.1



#5
2-Fluorophenol
Concen: 118.30 ng
RT: 5.337 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

Tgt Ion:112 Resp: 934007
Ion Ratio Lower Upper
112 100
64 65.0 49.9 74.9
63 34.0 24.9 37.3

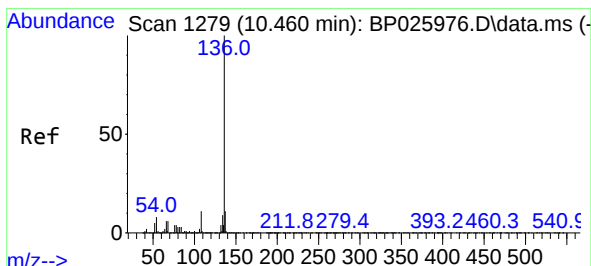
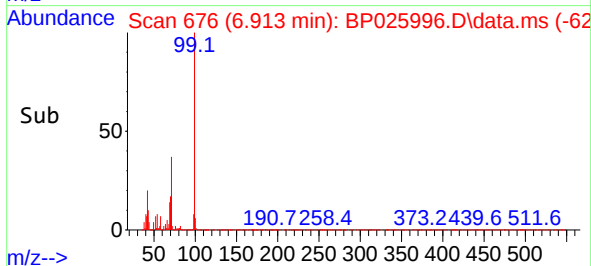
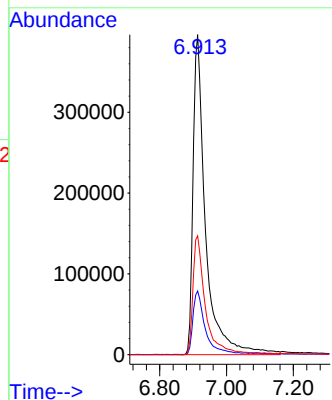
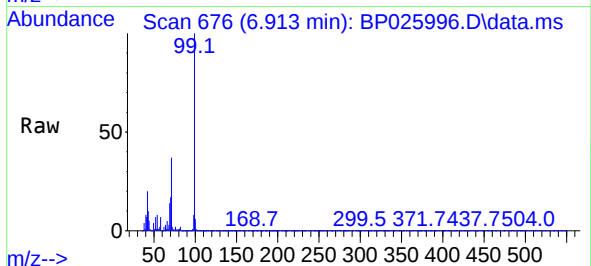




#7
Phenol-d6
Concen: 93.57 ng
RT: 6.913 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

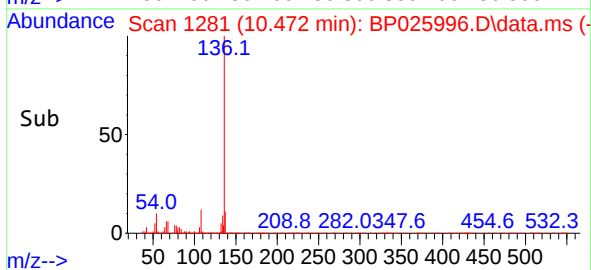
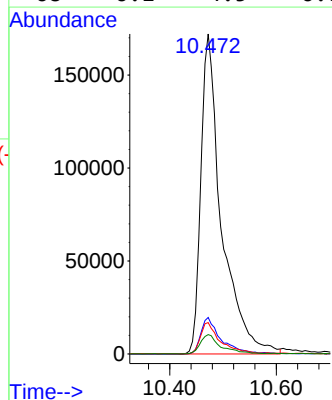
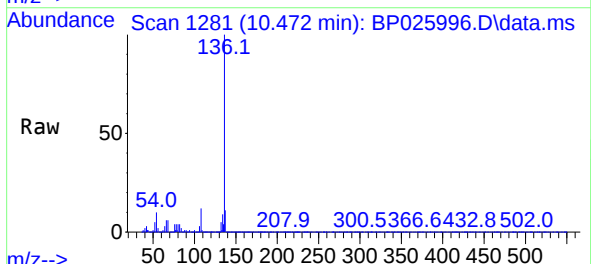
Instrument :
BNA_P
ClientSampleId :
VNJ-255

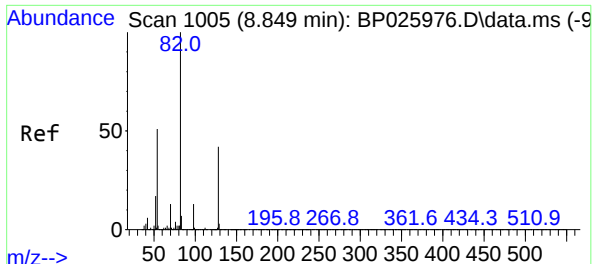
Tgt Ion: 99 Resp: 1030982
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 37.2 29.4 44.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.472 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

Tgt Ion:136 Resp: 462279
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.8 6.8 10.2
68 6.1 4.5 6.7

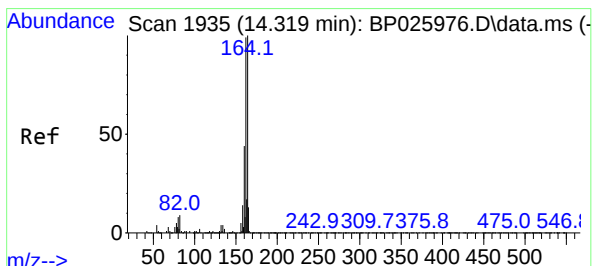
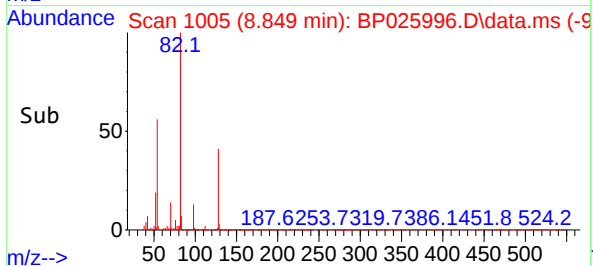
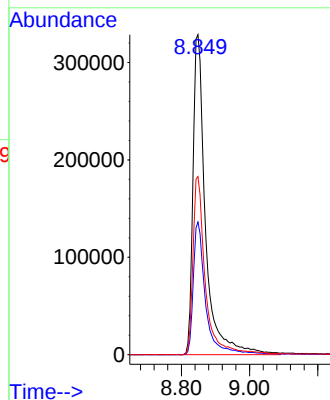
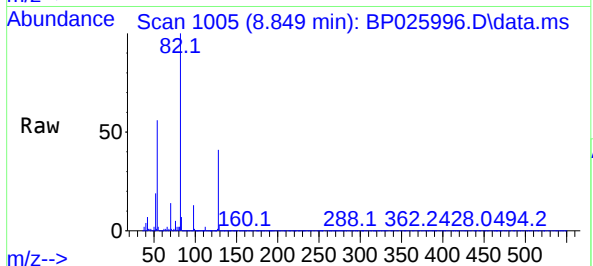




#23
Nitrobenzene-d5
Concen: 82.03 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

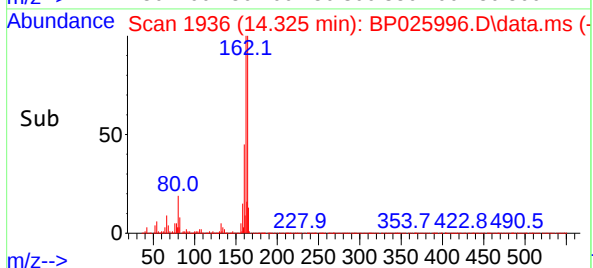
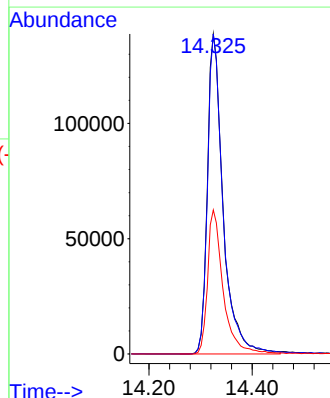
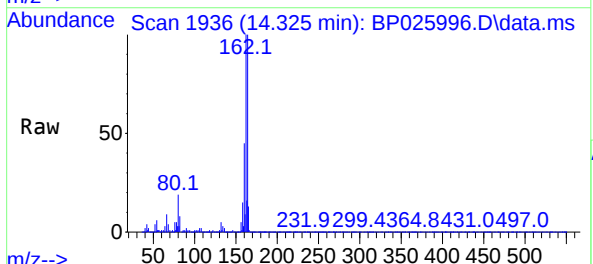
Instrument :
BNA_P
ClientSampleId :
VNJ-255

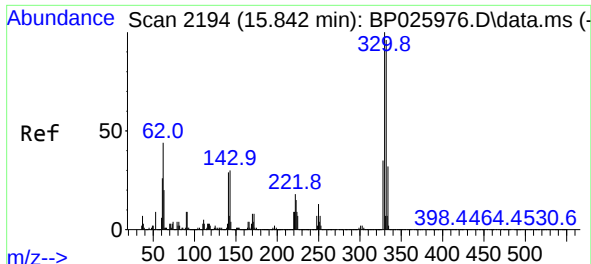
Tgt Ion: 82 Resp: 843657
Ion Ratio Lower Upper
82 100
128 41.4 33.6 50.4
54 55.6 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

Tgt Ion:164 Resp: 292348
Ion Ratio Lower Upper
164 100
162 100.0 79.3 118.9
160 45.0 35.4 53.0

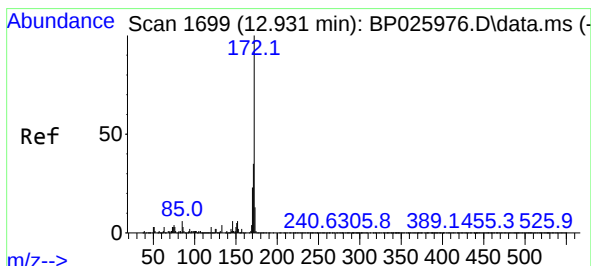
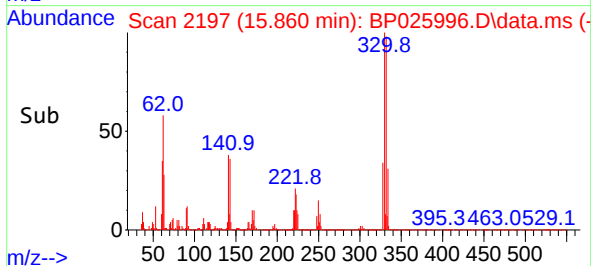
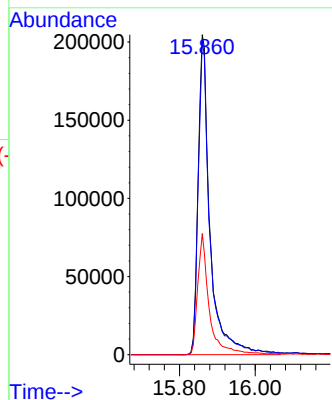
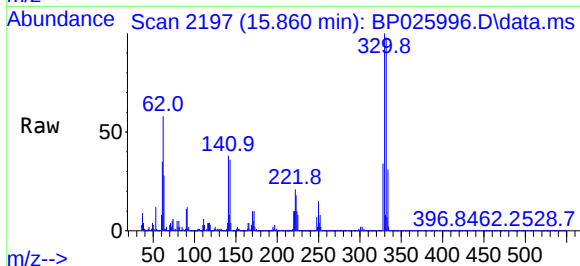




#42
2,4,6-Tribromophenol
Concen: 114.40 ng
RT: 15.860 min Scan# 2194
Delta R.T. 0.018 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

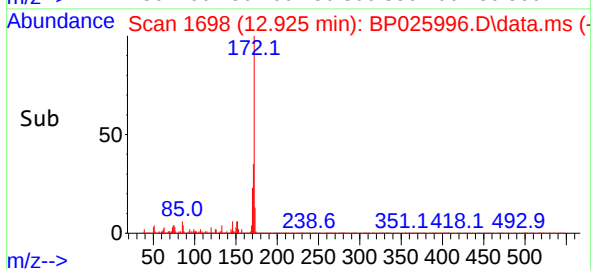
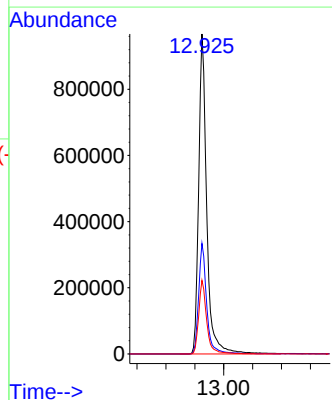
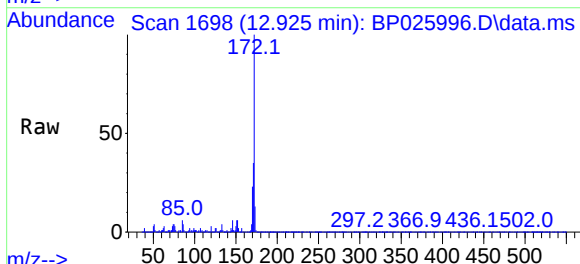
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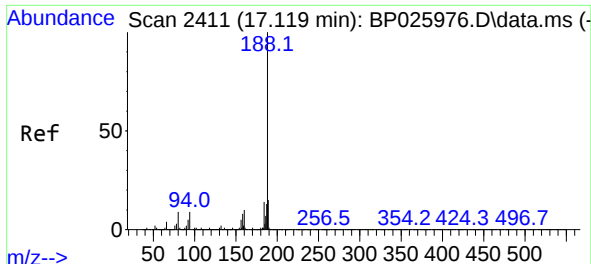
Tgt Ion:330 Resp: 450238
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 36.5 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 81.94 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

Tgt Ion:172 Resp: 1869039
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.0 18.5 27.7

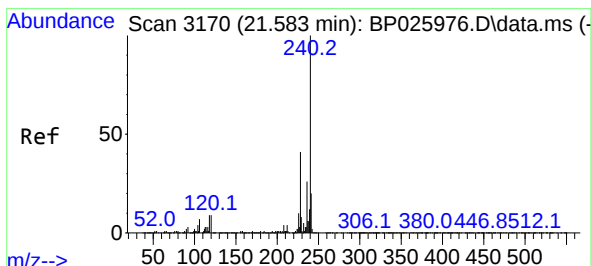
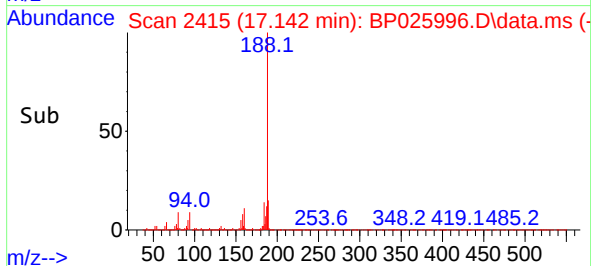
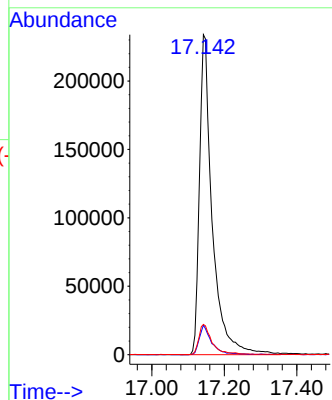
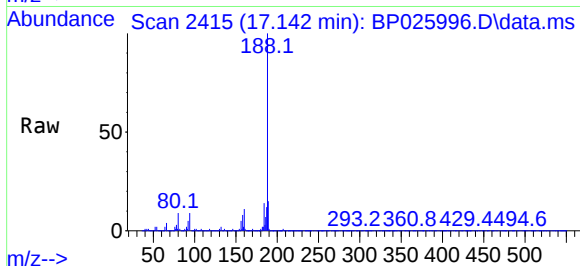




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.023 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

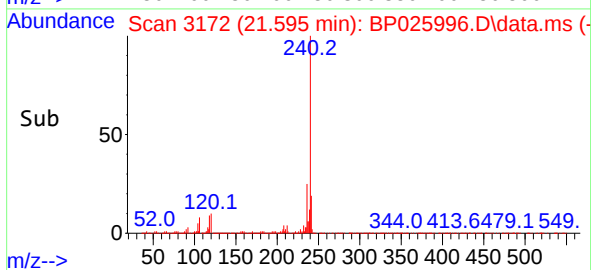
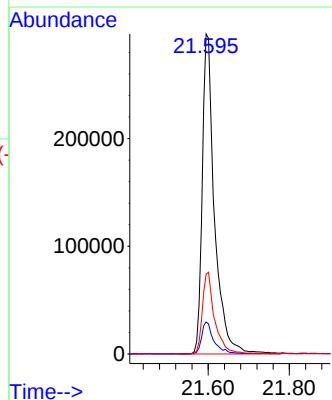
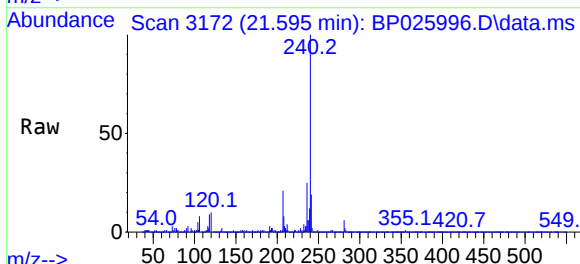
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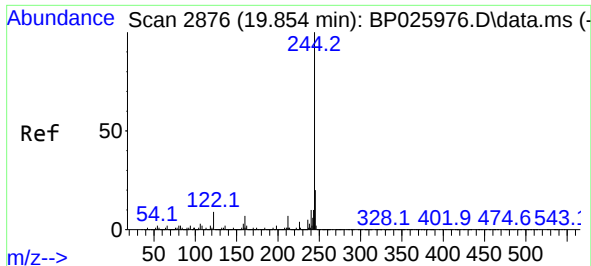
Tgt Ion:188 Resp: 572316
Ion Ratio Lower Upper
188 100
94 9.3 6.8 10.2
80 9.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.595 min Scan# 3172
Delta R.T. 0.012 min
Lab File: BP025996.D
Acq: 21 Oct 2025 21:44

Tgt Ion:240 Resp: 624838
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 24.9 20.4 30.6

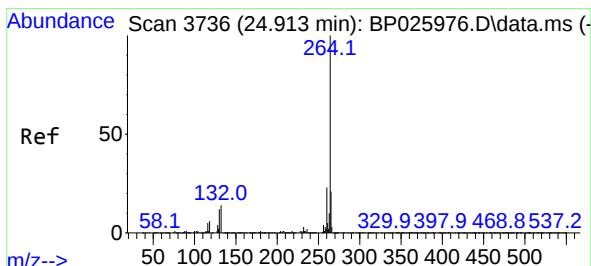
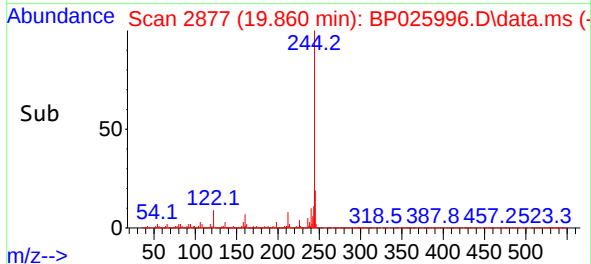
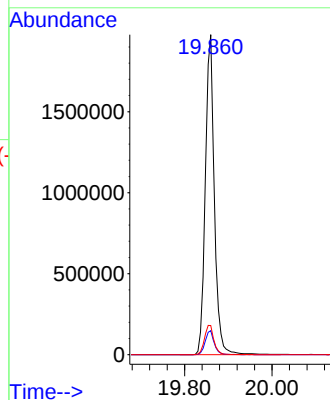
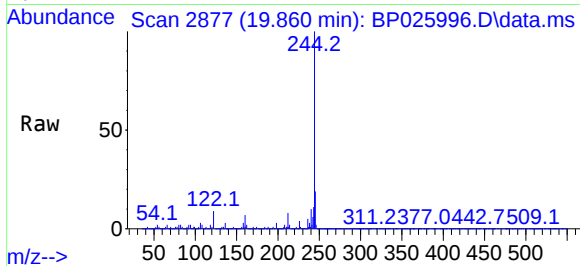




#79
 Terphenyl-d14
 Concen: 72.66 ng
 RT: 19.860 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025996.D
 Acq: 21 Oct 2025 21:44

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-255

Tgt Ion:244 Resp: 2840650
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 9.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.936 min Scan# 3740
 Delta R.T. 0.023 min
 Lab File: BP025996.D
 Acq: 21 Oct 2025 21:44

Tgt Ion:264 Resp: 592892
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.4 17.7 26.5

