

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
 Data File : BP026002.D
 Acq On : 22 Oct 2025 17:14
 Operator : RC/JU
 Sample : PB170216BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170216BL

Quant Time: Oct 22 17:34:38 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	155512	20.000	ng	0.00
21) Naphthalene-d8	10.478	136	659805	20.000	ng	0.02
39) Acenaphthene-d10	14.325	164	488964	20.000	ng	0.00
64) Phenanthrene-d10	17.142	188	1075566	20.000	ng	0.02
76) Chrysene-d12	21.601	240	1036996	20.000	ng	0.02
86) Perylene-d12	24.948	264	885650	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1430887	150.855	ng	0.00
7) Phenol-d6	6.902	99	1883426	142.287	ng	0.00
23) Nitrobenzene-d5	8.849	82	1154545	78.651	ng	0.00
42) 2,4,6-Tribromophenol	15.854	330	859423	130.560	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	2921030	76.570	ng	0.00
79) Terphenyl-d14	19.860	244	5217919	80.417	ng	0.00

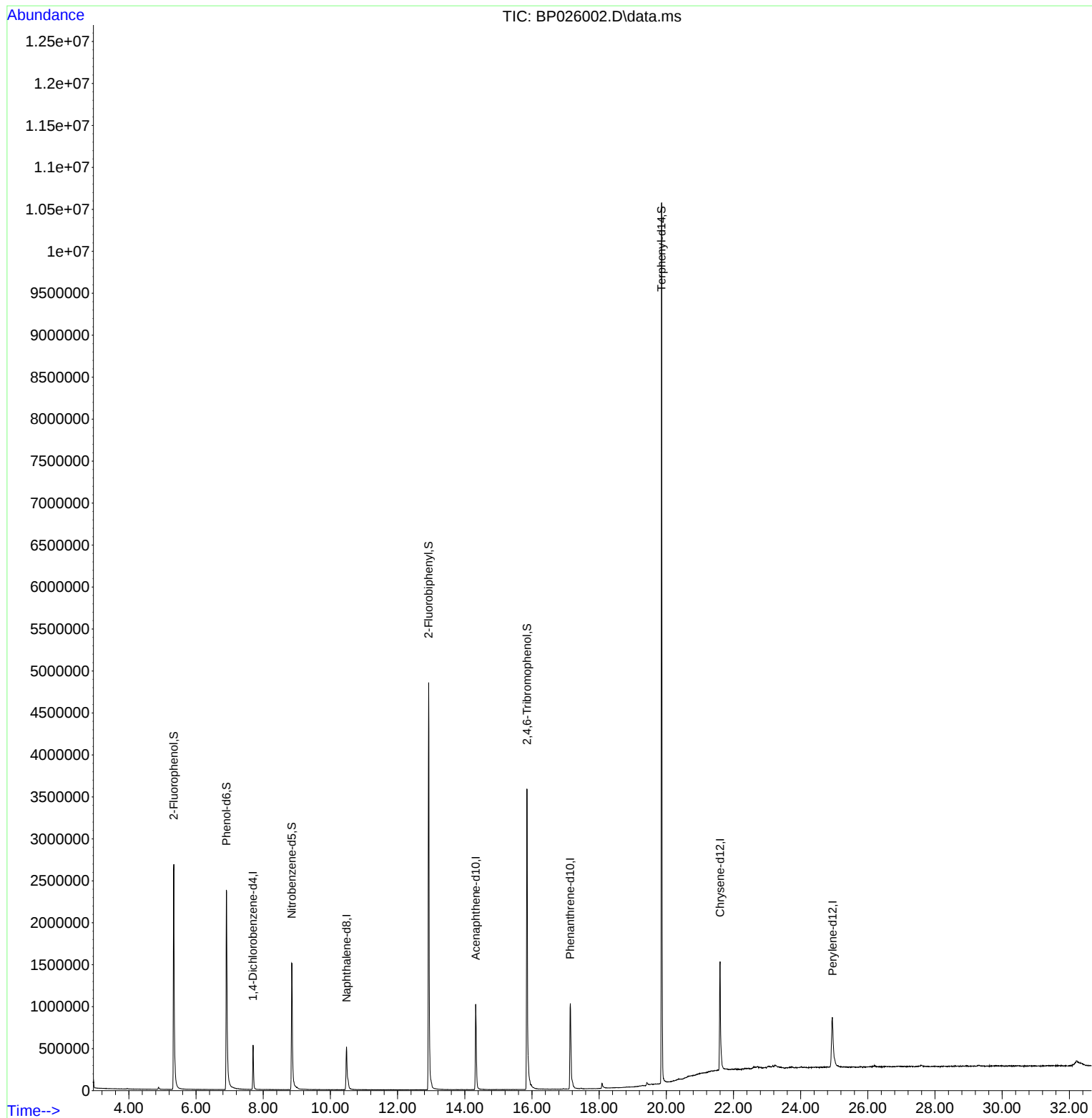
Target Compounds	Qvalue

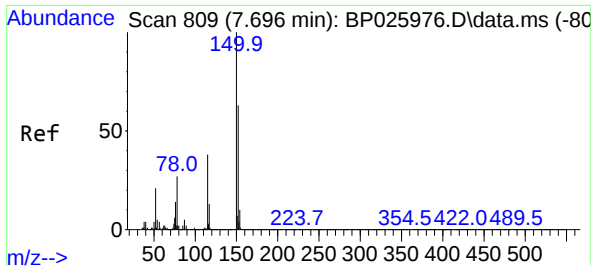
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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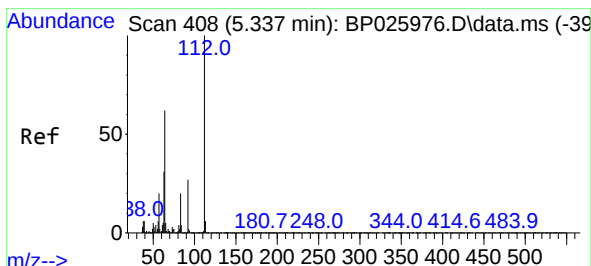
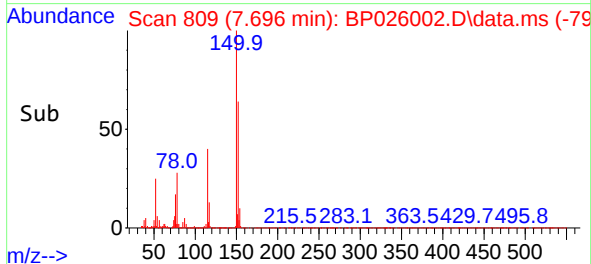
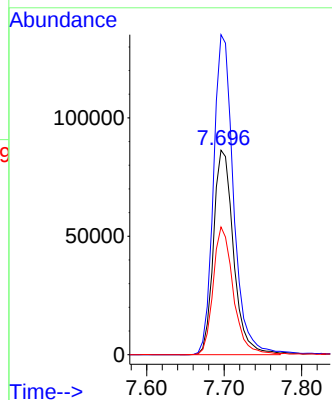
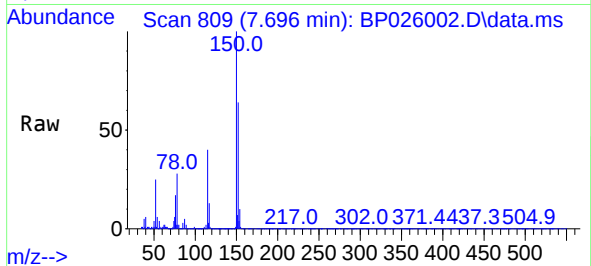




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

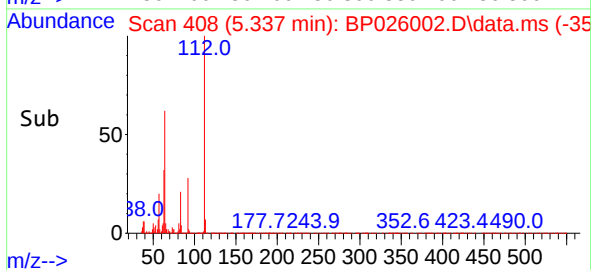
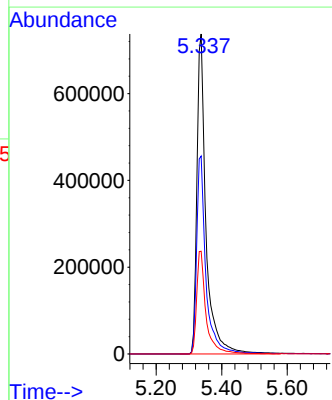
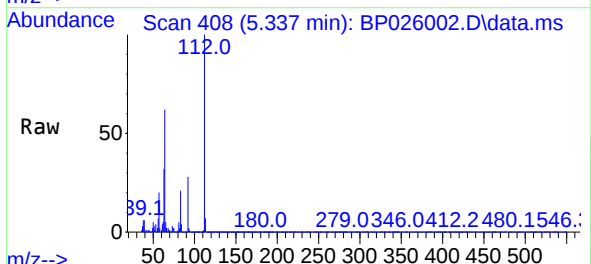
Instrument :
BNA_P
ClientSampleId :
PB170216BL

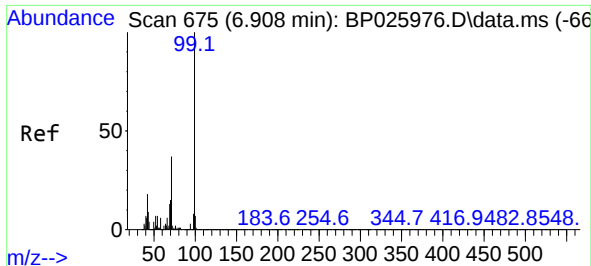
Tgt Ion:152 Resp: 155512
Ion Ratio Lower Upper
152 100
150 156.4 127.3 190.9
115 62.4 48.7 73.1



#5
2-Fluorophenol
Concen: 150.855 ng
RT: 5.337 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

Tgt Ion:112 Resp: 1430887
Ion Ratio Lower Upper
112 100
64 61.9 49.9 74.9
63 32.1 24.9 37.3

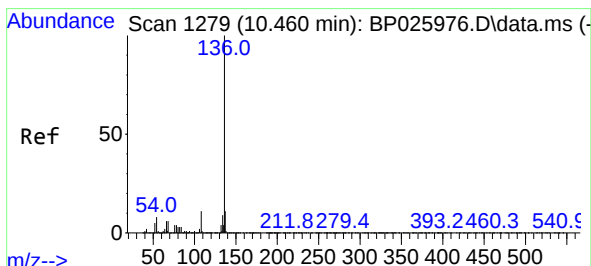
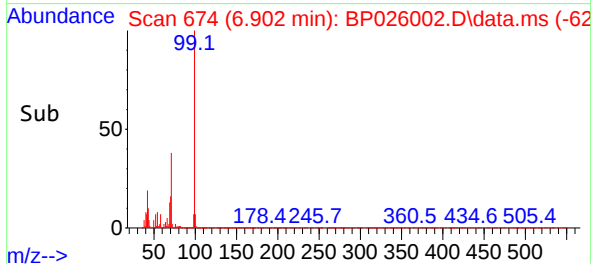
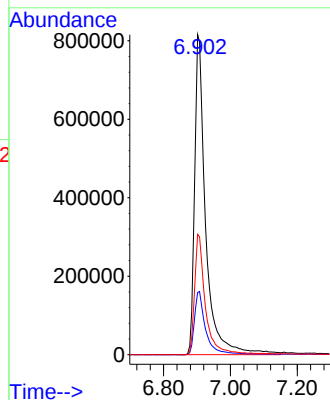
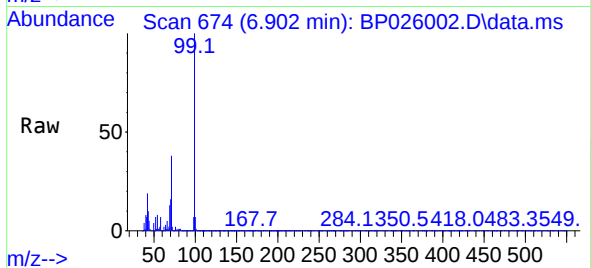




#7
Phenol-d6
Concen: 142.287 ng
RT: 6.902 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

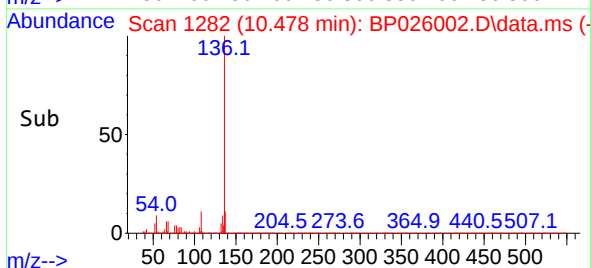
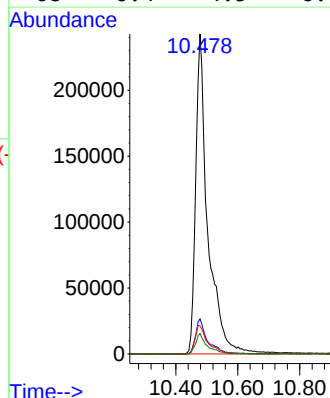
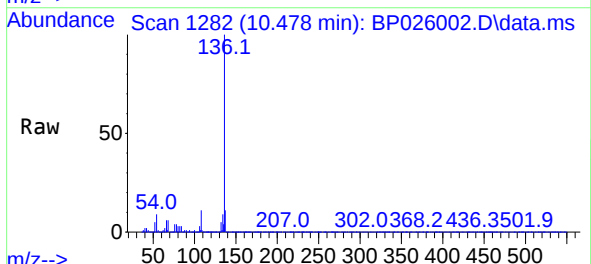
Instrument :
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ClientSampleId :
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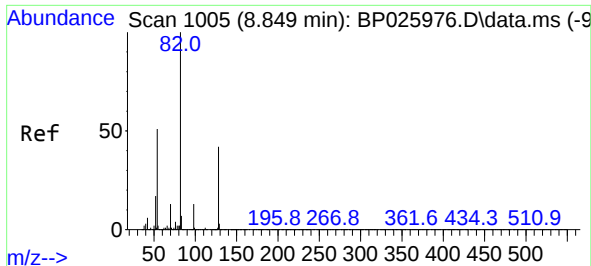
Tgt Ion: 99 Resp: 1883426
Ion Ratio Lower Upper
99 100
42 19.5 14.2 21.4
71 37.6 29.4 44.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.478 min Scan# 1282
Delta R.T. 0.018 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

Tgt Ion: 136 Resp: 659805
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.7 6.8 10.2
68 6.4 4.5 6.7

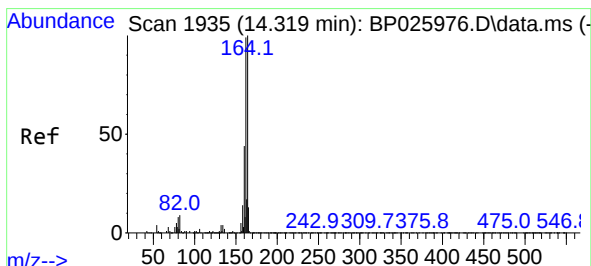
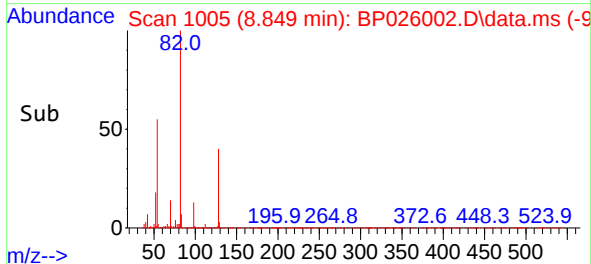
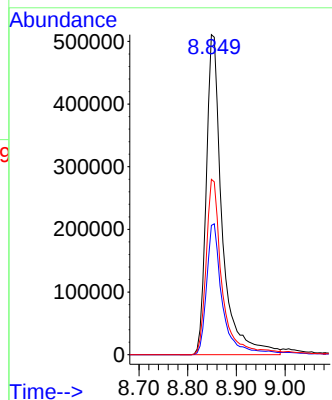
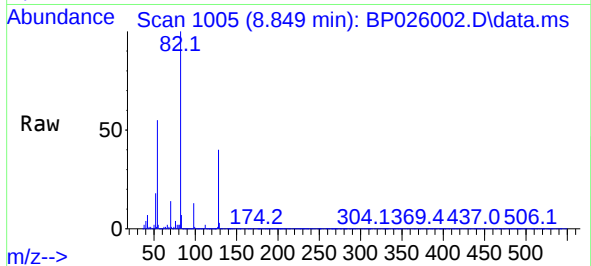




#23
Nitrobenzene-d5
Concen: 78.651 ng
RT: 8.849 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

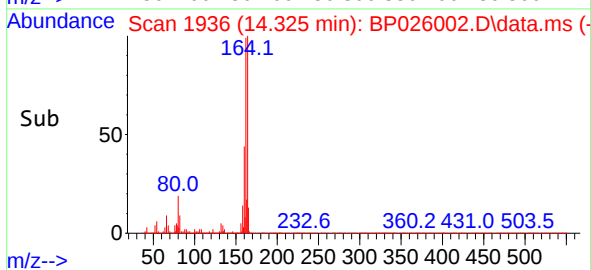
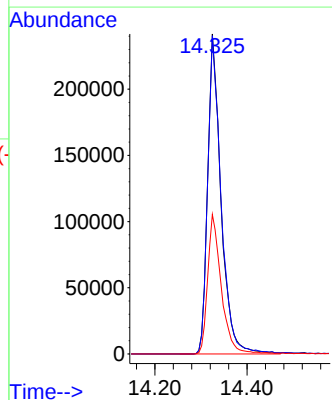
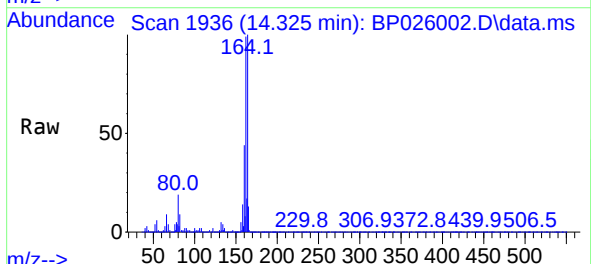
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BNA_P
ClientSampleId :
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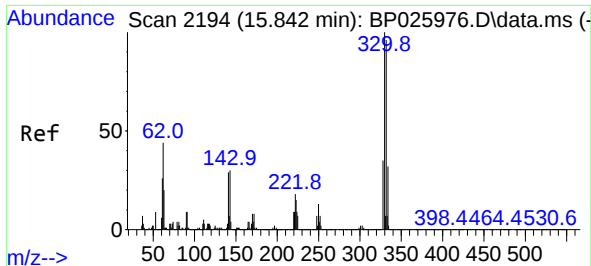
Tgt Ion: 82 Resp: 1154545
Ion Ratio Lower Upper
82 100
128 40.4 33.6 50.4
54 54.8 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

Tgt Ion:164 Resp: 488964
Ion Ratio Lower Upper
164 100
162 99.5 79.3 118.9
160 43.6 35.4 53.0

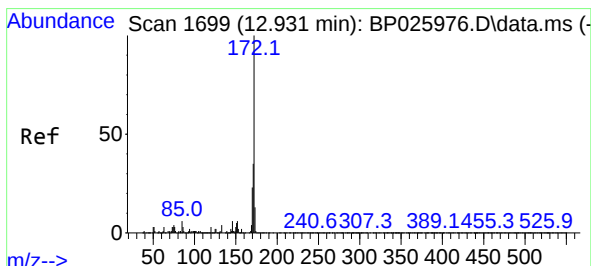
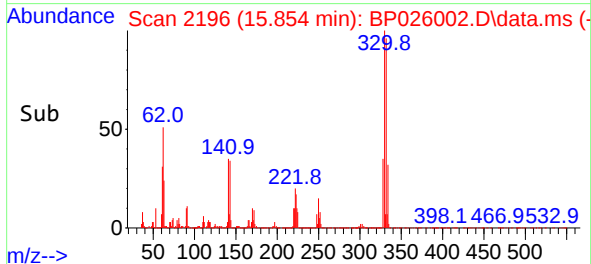
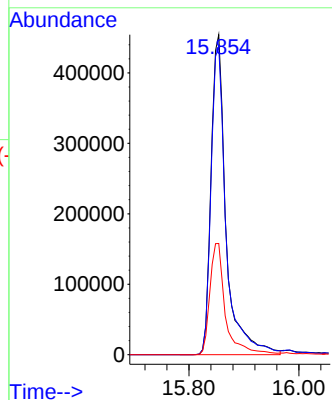
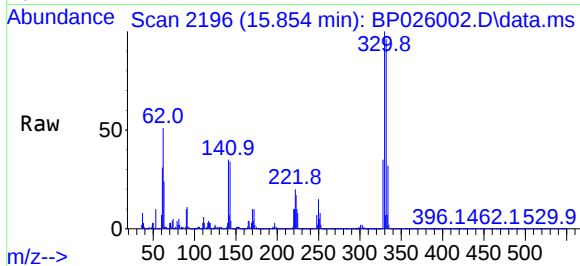




#42
2,4,6-Tribromophenol
Concen: 130.560 ng
RT: 15.854 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

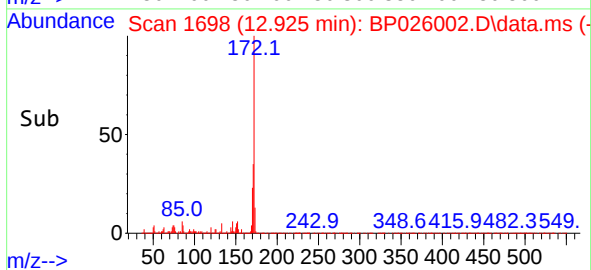
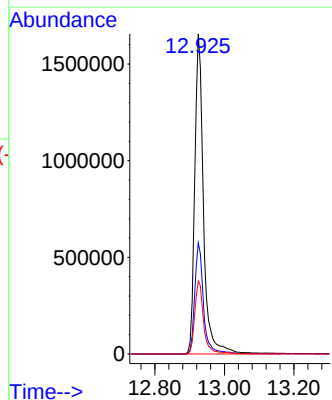
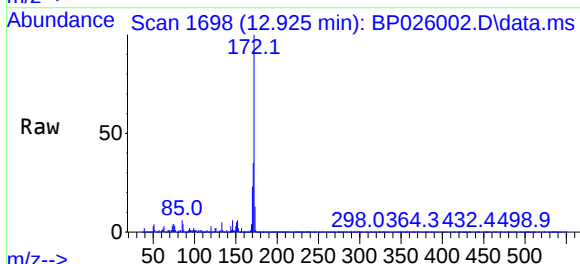
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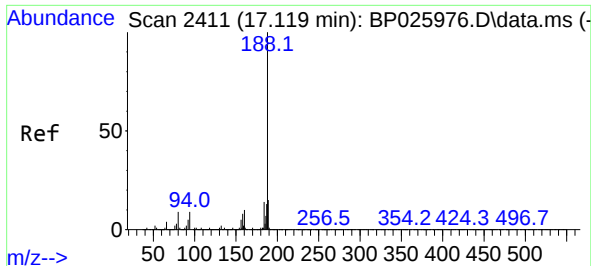
Tgt Ion:330 Resp: 859423
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 36.1 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 76.570 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

Tgt Ion:172 Resp: 2921030
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.8 18.5 27.7

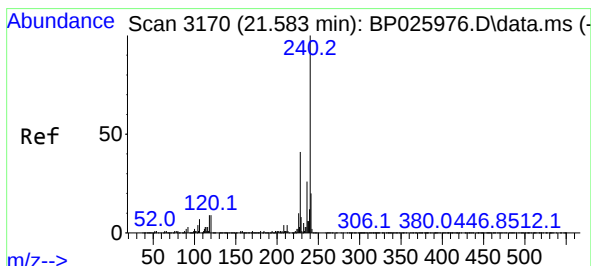
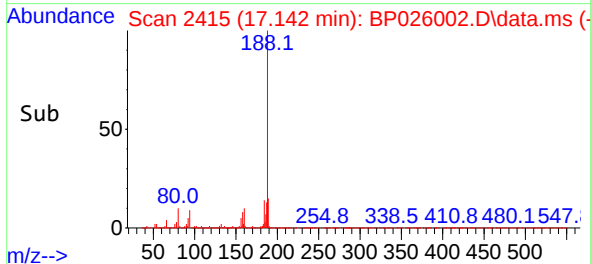
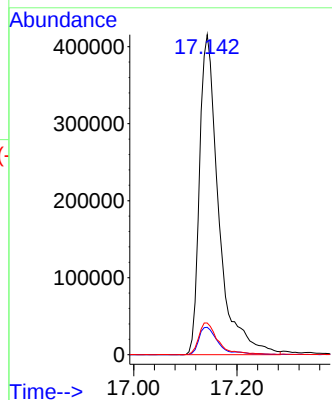
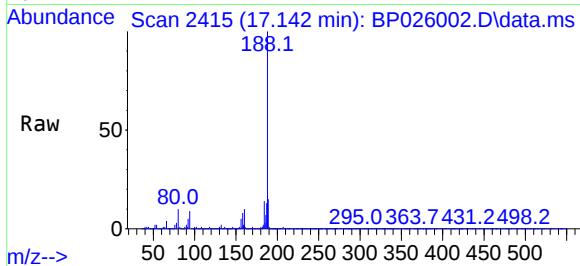




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.024 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

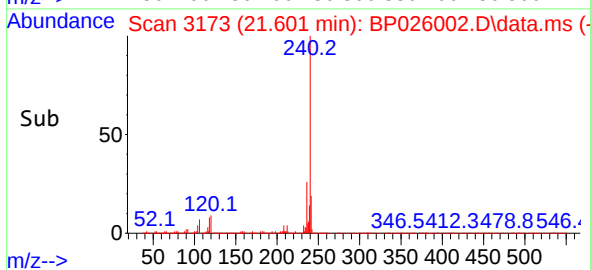
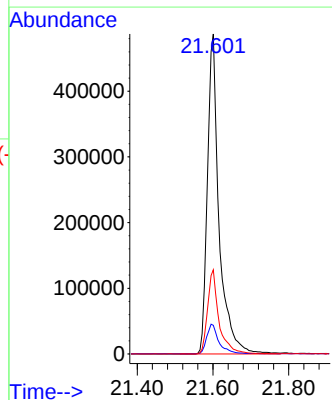
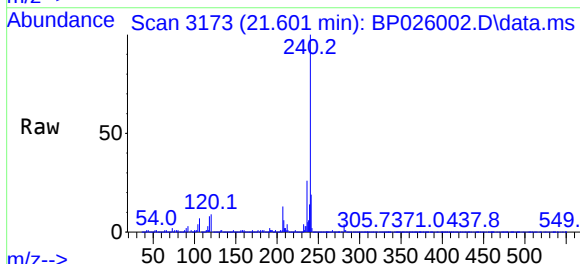
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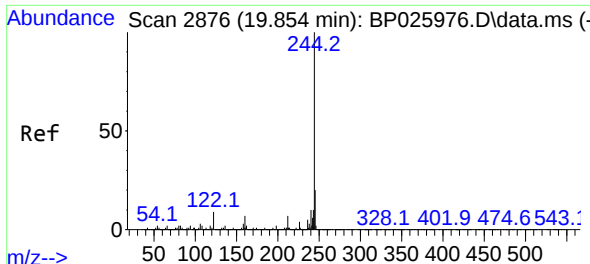
Tgt Ion:188 Resp: 1075566
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3173
Delta R.T. 0.018 min
Lab File: BP026002.D
Acq: 22 Oct 2025 17:14

Tgt Ion:240 Resp: 1036996
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.3 20.4 30.6

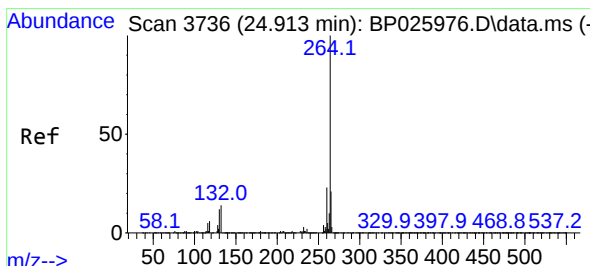
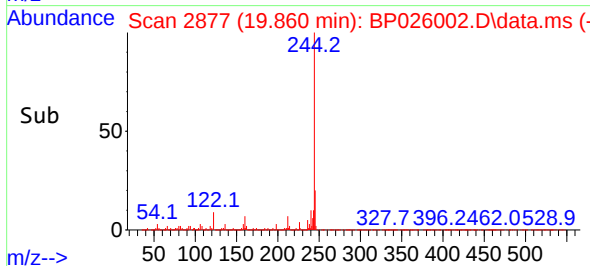
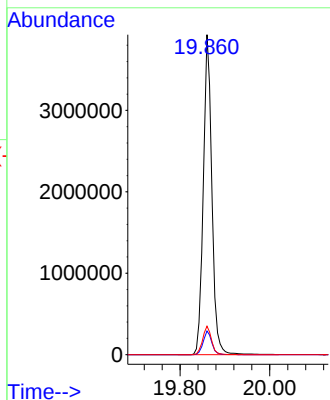
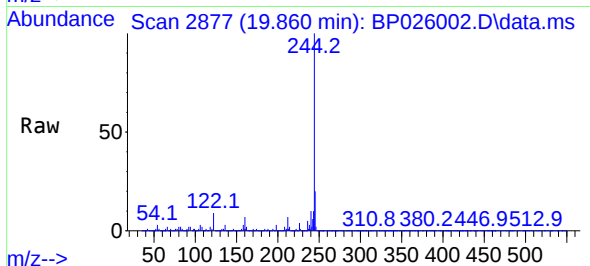




#79
 Terphenyl-d14
 Concen: 80.417 ng
 RT: 19.860 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP026002.D
 Acq: 22 Oct 2025 17:14

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 5217919
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 8.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.948 min Scan# 3742
 Delta R.T. 0.035 min
 Lab File: BP026002.D
 Acq: 22 Oct 2025 17:14

Tgt Ion:264 Resp: 885650
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.5 17.7 26.5

