

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025999.D
 Acq On : 21 Oct 2025 23:47
 Operator : RC/JU
 Sample : Q3401-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 41-CONCRETE

Quant Time: Oct 22 10:52:14 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	7.702	152	156098	20.00	ng	0.00
21) Naphthalene-d8	10.466	136	602329	20.00	ng	0.00
39) Acenaphthene-d10	14.325	164	388570	20.00	ng	0.00
64) Phenanthrene-d10	17.142	188	751574	20.00	ng	0.02
76) Chrysene-d12	21.577	240	642058	20.00	ng	0.00
86) Perylene-d12	24.912	264	690764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	487500	51.20	ng	0.00
7) Phenol-d6	6.913	99	684897	51.55	ng	0.00
23) Nitrobenzene-d5	8.854	82	488118	36.43	ng	0.00
42) 2,4,6-Tribromophenol	15.860	330	181228	34.64	ng	0.02
45) 2-Fluorobiphenyl	12.931	172	1241697	40.96	ng	0.00
79) Terphenyl-d14	19.854	244	2020131	50.28	ng	0.00

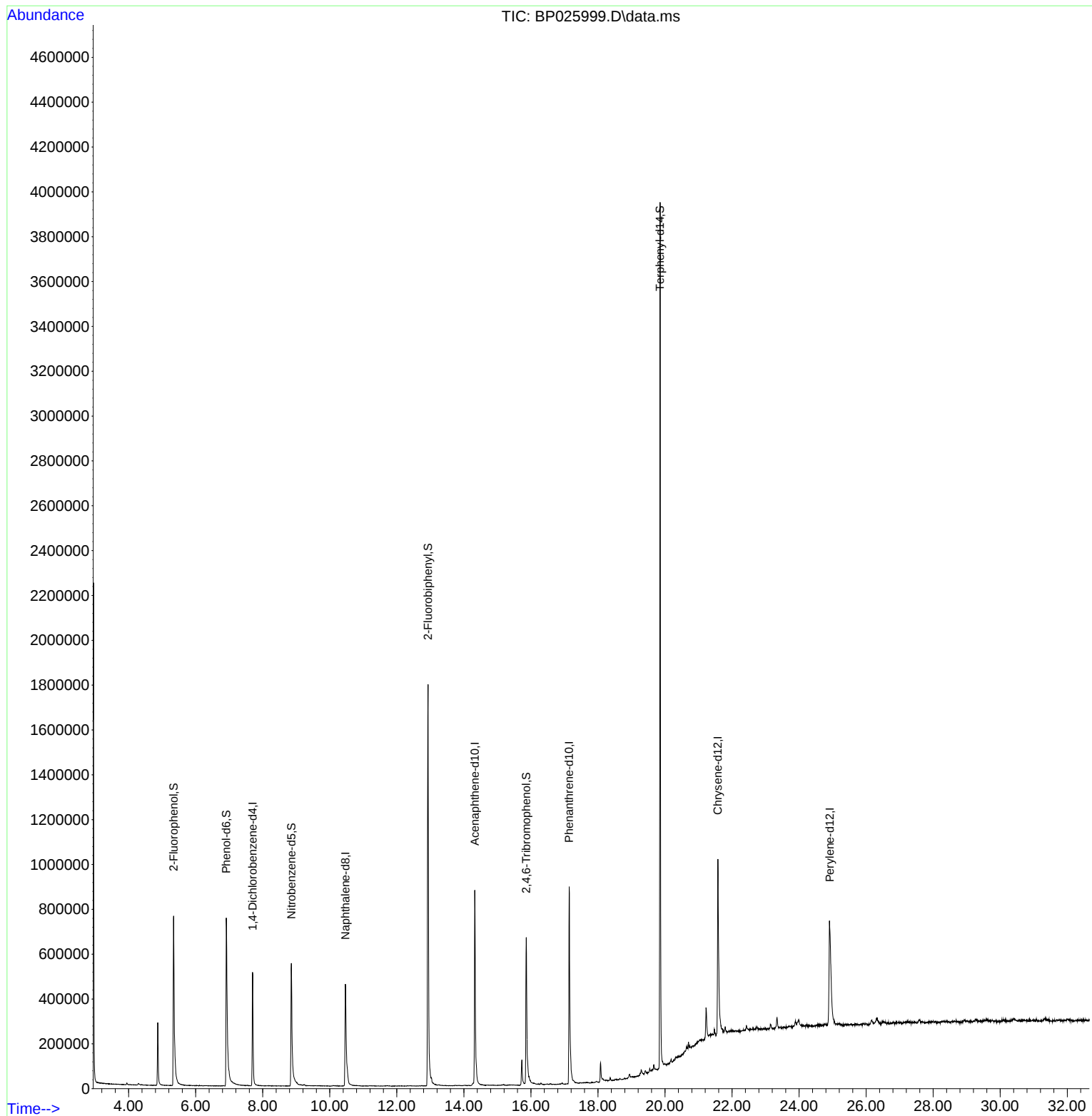
Target Compounds	Qvalue

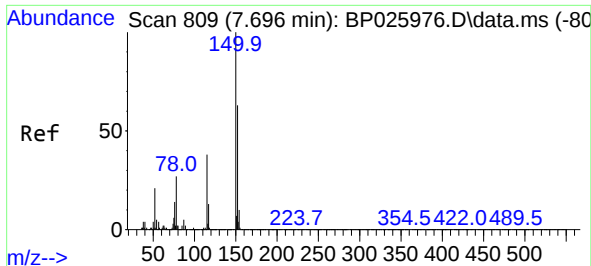
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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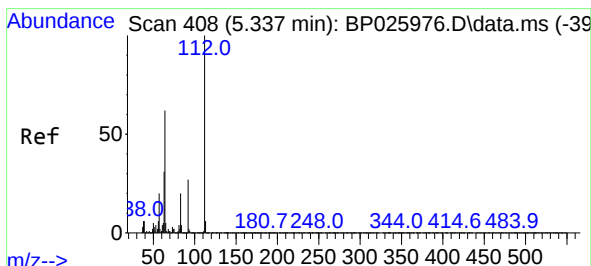
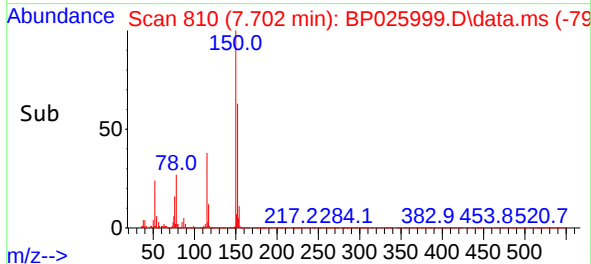
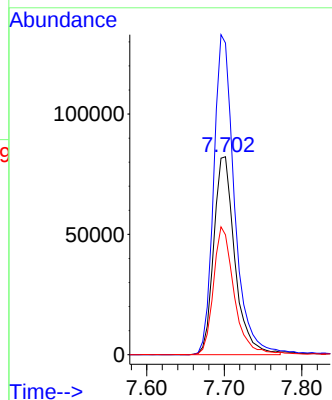
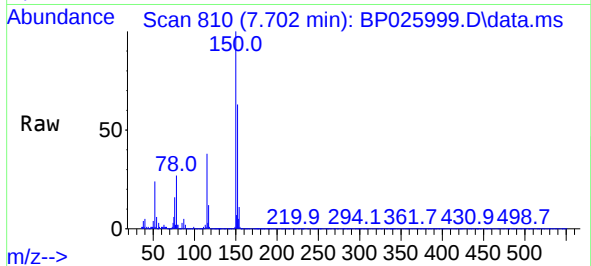




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.702 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

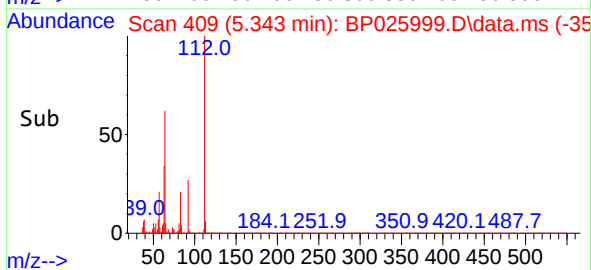
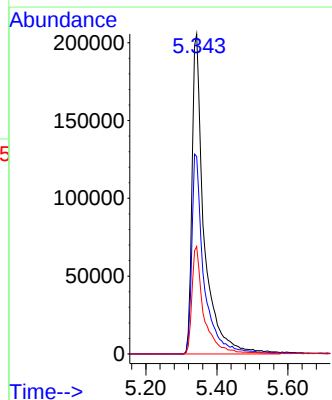
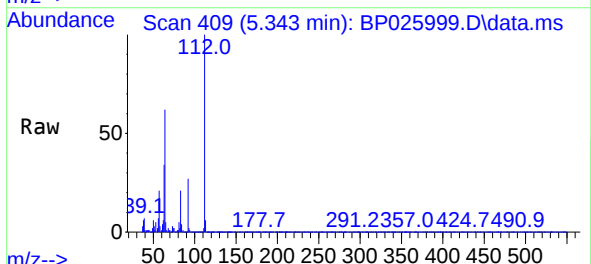
Instrument :
BNA_P
ClientSampleId :
41-CONCRETE

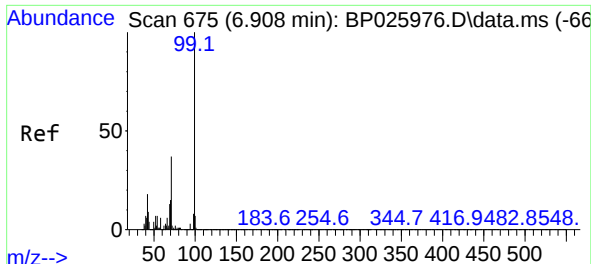
Tgt Ion:152 Resp: 156098
Ion Ratio Lower Upper
152 100
150 157.5 127.3 190.9
115 60.6 48.7 73.1



#5
2-Fluorophenol
Concen: 51.20 ng
RT: 5.343 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

Tgt Ion:112 Resp: 487500
Ion Ratio Lower Upper
112 100
64 61.7 49.9 74.9
63 33.6 24.9 37.3

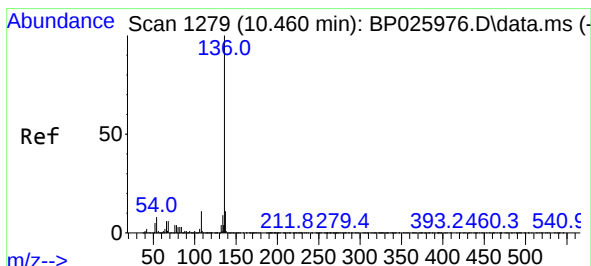
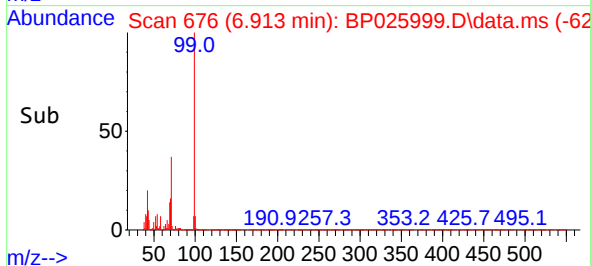
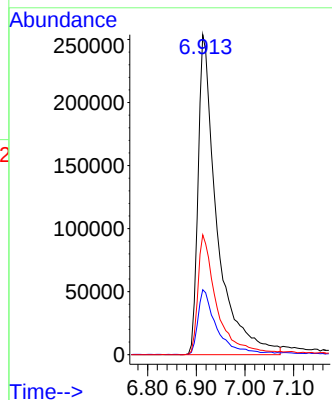
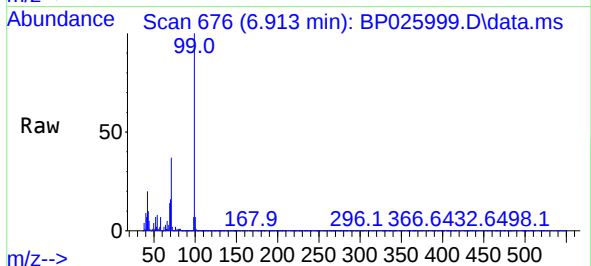




#7
Phenol-d6
Concen: 51.55 ng
RT: 6.913 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

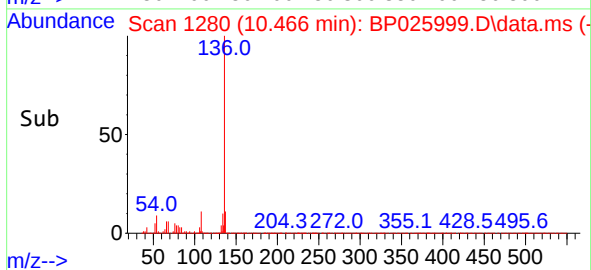
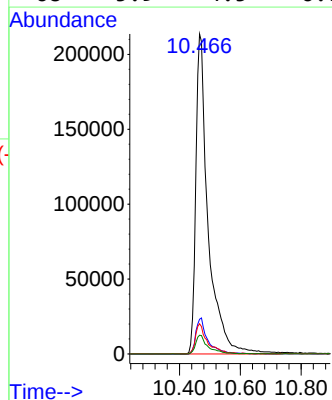
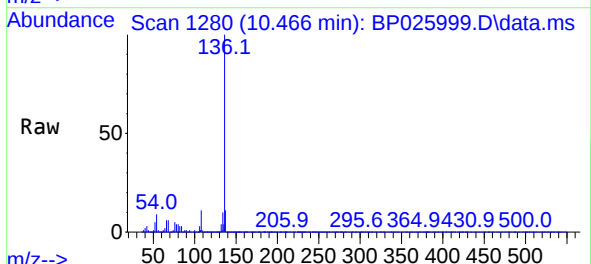
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ClientSampleId :
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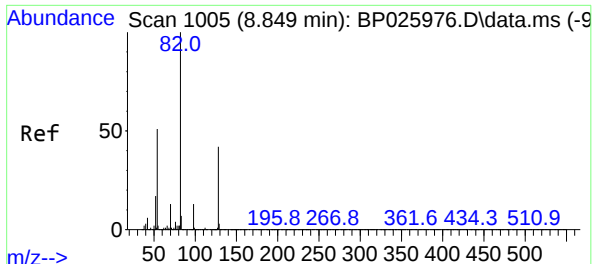
Tgt Ion: 99 Resp: 684897
Ion Ratio Lower Upper
99 100
42 20.3 14.2 21.4
71 37.4 29.4 44.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.466 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

Tgt Ion: 136 Resp: 602329
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 6.8 10.2
68 5.9 4.5 6.7

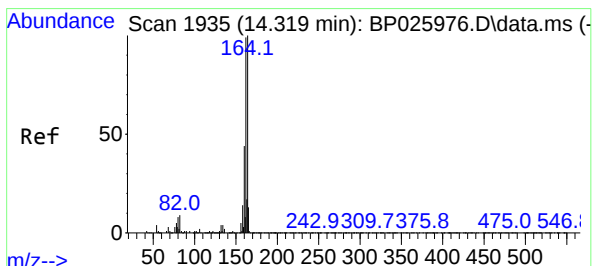
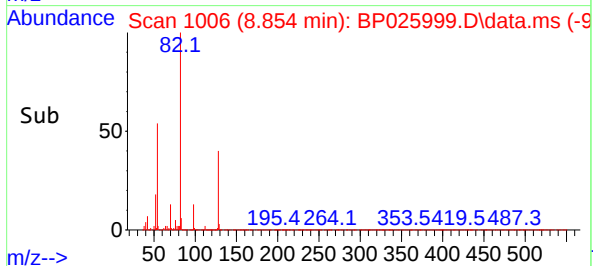
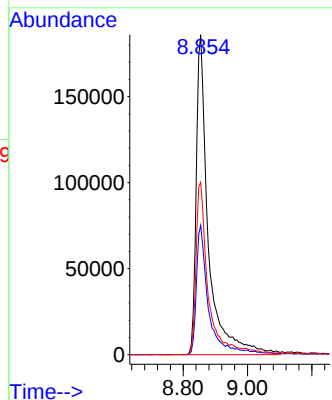
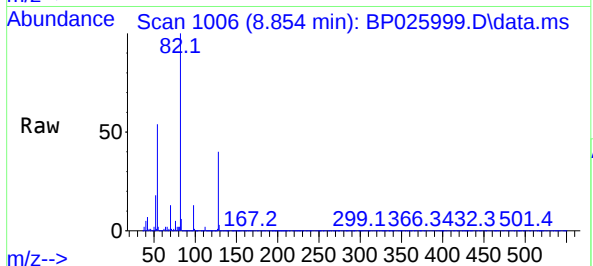




#23
Nitrobenzene-d5
Concen: 36.43 ng
RT: 8.854 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

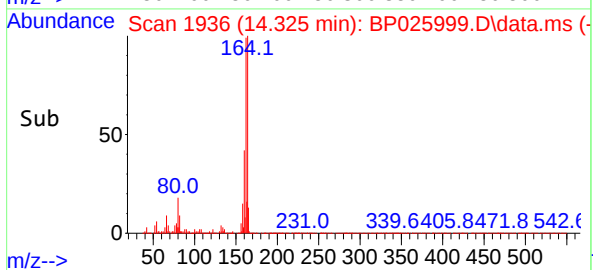
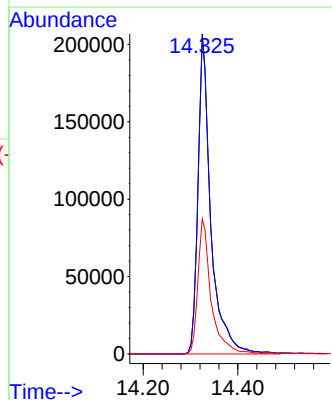
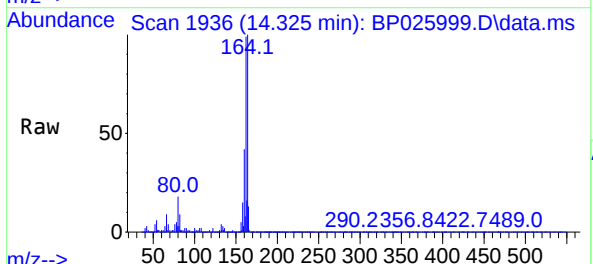
Instrument :
BNA_P
ClientSampleId :
41-CONCRETE

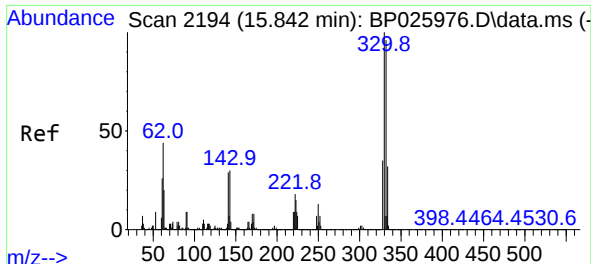
Tgt Ion: 82 Resp: 488118
Ion Ratio Lower Upper
82 100
128 40.4 33.6 50.4
54 53.9 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

Tgt Ion: 164 Resp: 388570
Ion Ratio Lower Upper
164 100
162 98.9 79.3 118.9
160 42.2 35.4 53.0

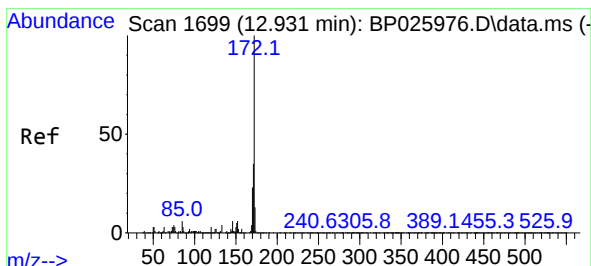
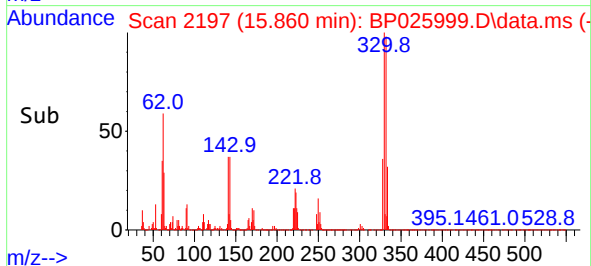
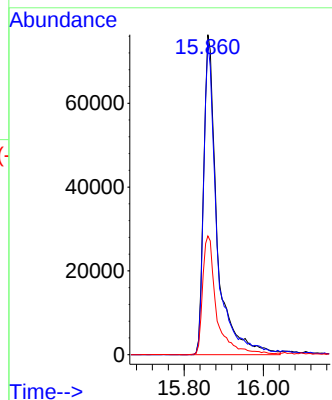
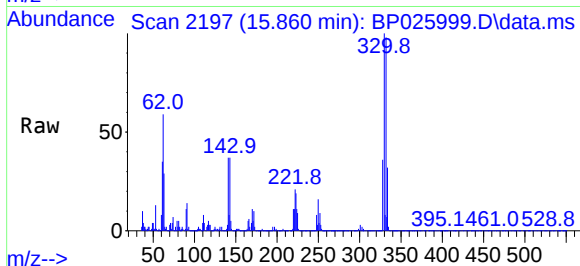




#42
2,4,6-Tribromophenol
Concen: 34.64 ng
RT: 15.860 min Scan# 2194
Delta R.T. 0.018 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

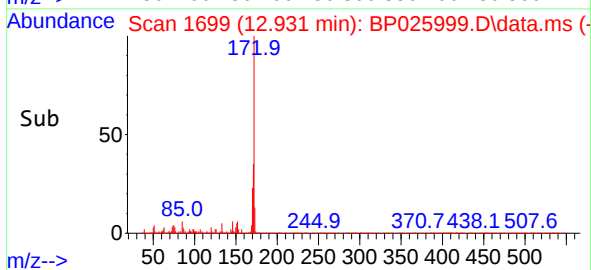
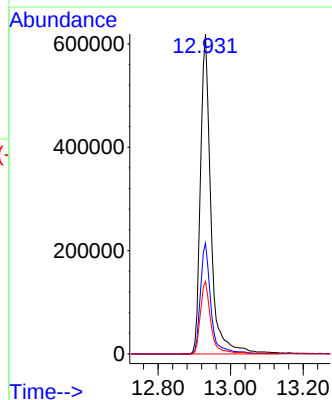
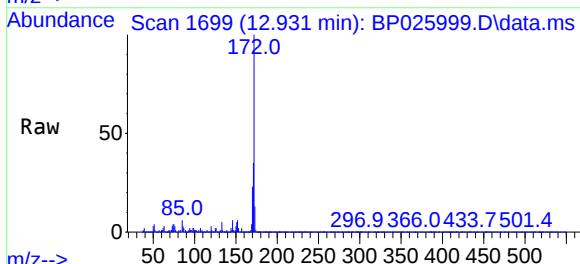
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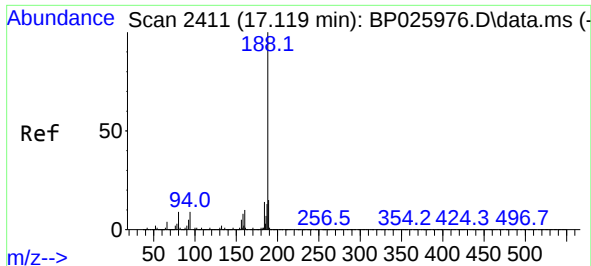
Tgt Ion:330 Resp: 181228
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 38.4 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 40.96 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

Tgt Ion:172 Resp: 1241697
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.6 18.5 27.7

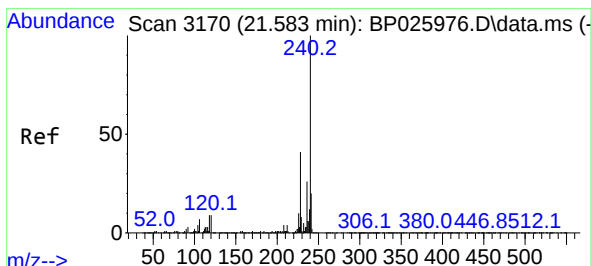
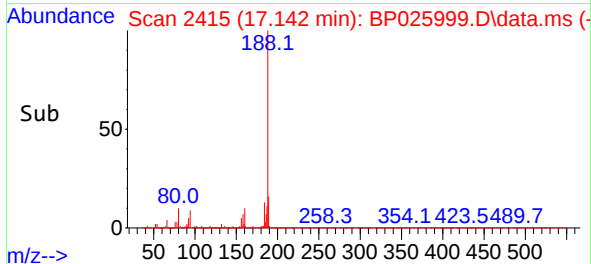
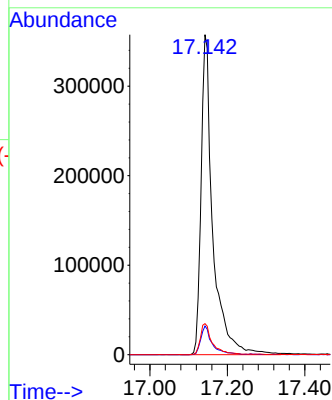
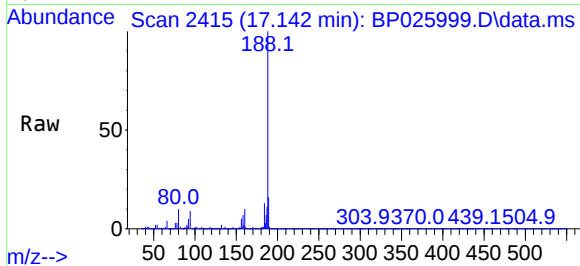




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.023 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

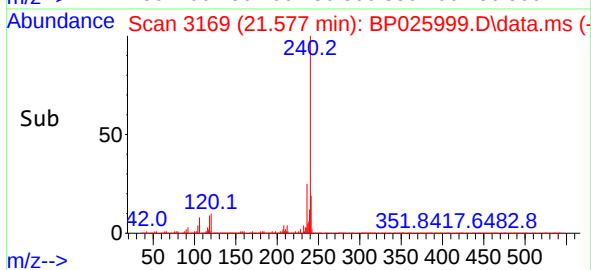
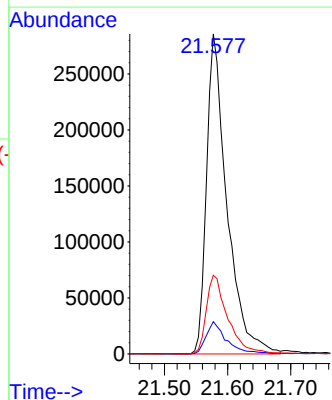
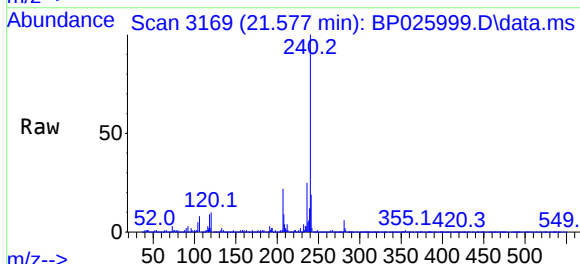
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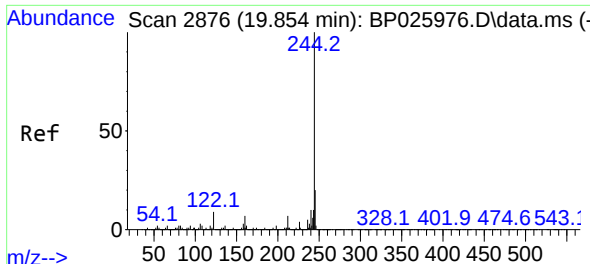
Tgt Ion:188 Resp: 751574
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 9.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025999.D
Acq: 21 Oct 2025 23:47

Tgt Ion:240 Resp: 642058
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 24.6 20.4 30.6

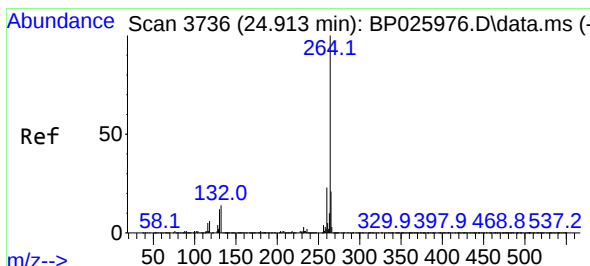
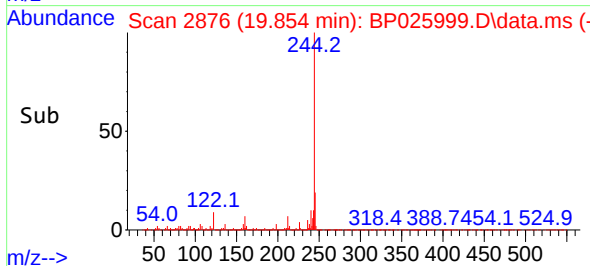
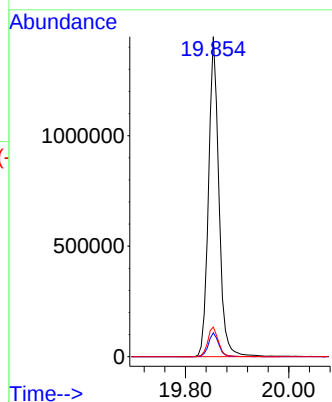
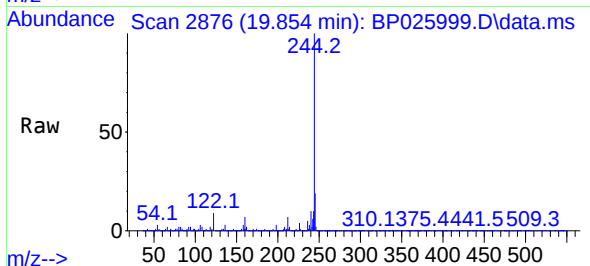




#79
 Terphenyl-d14
 Concen: 50.28 ng
 RT: 19.854 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP025999.D
 Acq: 21 Oct 2025 23:47

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Tgt Ion:244 Resp: 2020131
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.912 min Scan# 3736
 Delta R.T. -0.000 min
 Lab File: BP025999.D
 Acq: 21 Oct 2025 23:47

Tgt Ion:264 Resp: 690764
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 22.9 17.7 26.5

