

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
 Data File : BP026010.D
 Acq On : 22 Oct 2025 22:42
 Operator : RC/JU
 Sample : Q3402-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 41-RA

Quant Time: Oct 23 10:42:13 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	153779	20.000	ng	0.00
21) Naphthalene-d8	10.466	136	619977	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	459976	20.000	ng	0.00
64) Phenanthrene-d10	17.130	188	1018978	20.000	ng	0.01
76) Chrysene-d12	21.577	240	874935	20.000	ng	0.00
86) Perylene-d12	24.936	264	611463	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	1330431	141.845	ng	0.00
7) Phenol-d6	6.913	99	1628137	124.386	ng	0.00
23) Nitrobenzene-d5	8.849	82	1211649	87.844	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	850741	137.386	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2840144	79.141	ng	0.00
79) Terphenyl-d14	19.854	244	4879285	89.126	ng	0.00

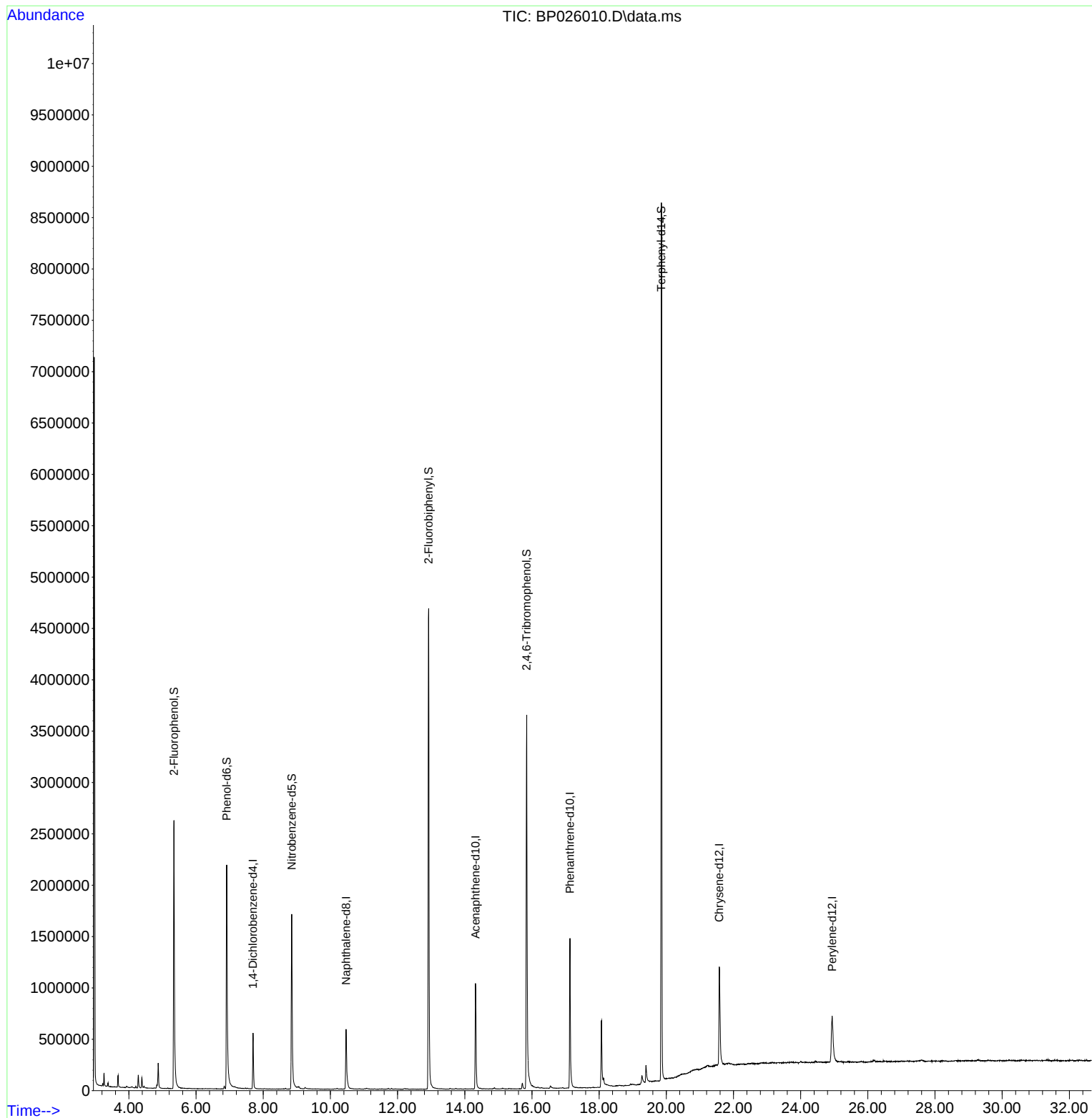
Target Compounds	Qvalue

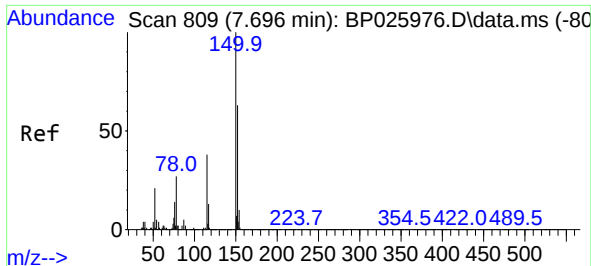
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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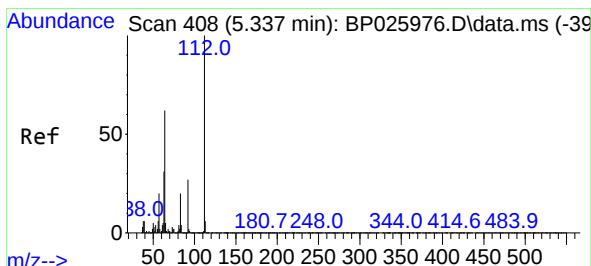
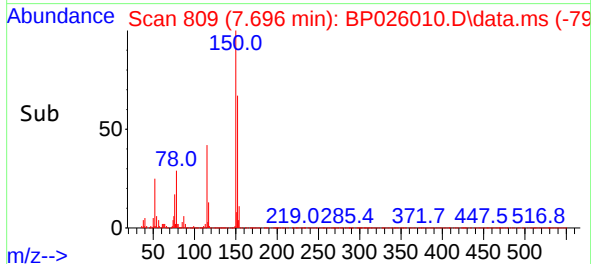
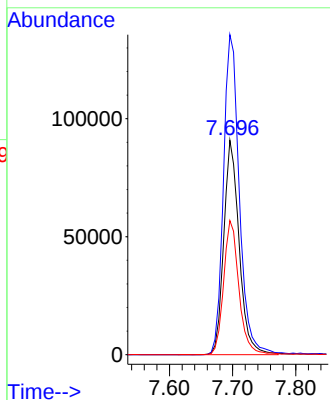
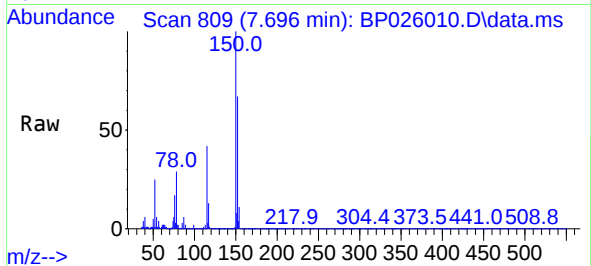




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

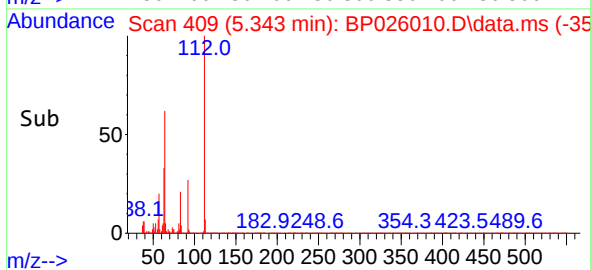
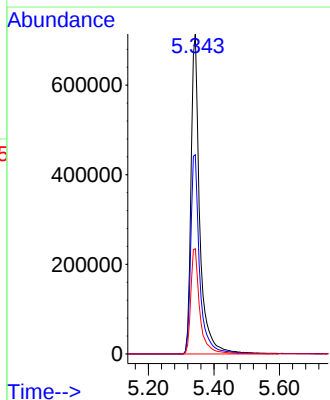
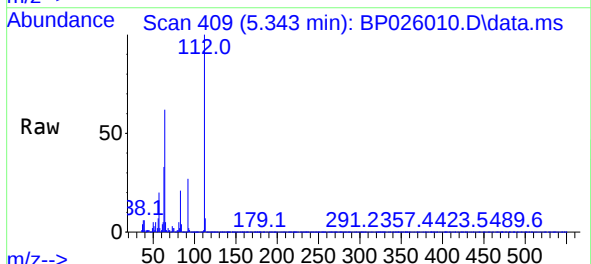
Instrument :
BNA_P
ClientSampleId :
41-RA

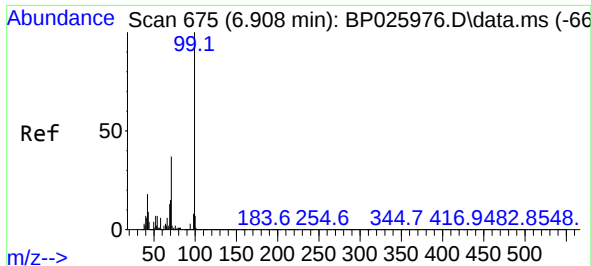
Tgt Ion:152 Resp: 153779
Ion Ratio Lower Upper
152 100
150 149.3 127.3 190.9
115 62.6 48.7 73.1



#5
2-Fluorophenol
Concen: 141.845 ng
RT: 5.343 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

Tgt Ion:112 Resp: 1330431
Ion Ratio Lower Upper
112 100
64 62.3 49.9 74.9
63 32.9 24.9 37.3

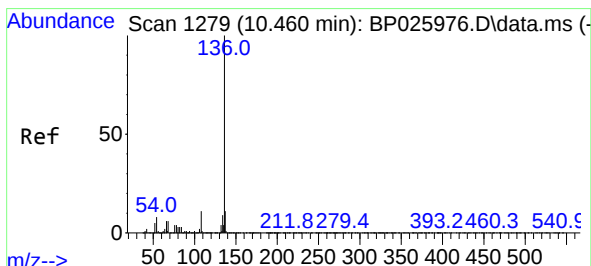
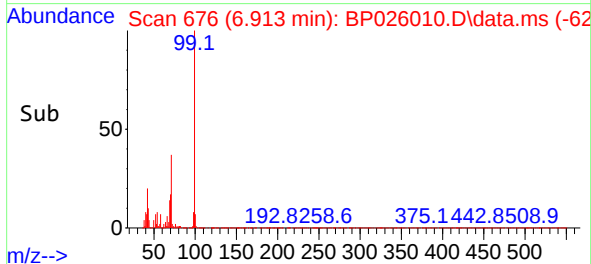
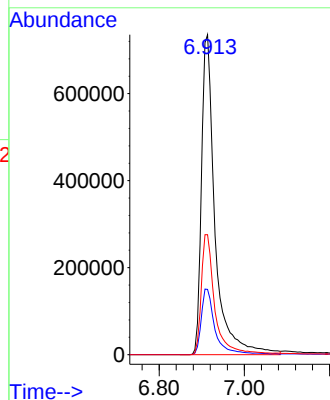
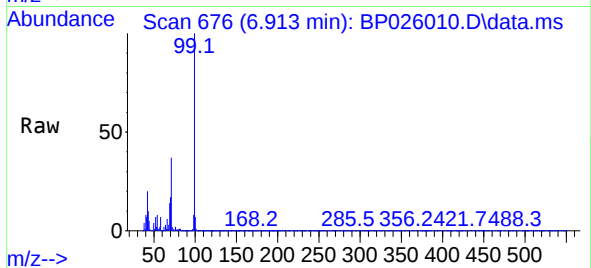




#7
Phenol-d6
Concen: 124.386 ng
RT: 6.913 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

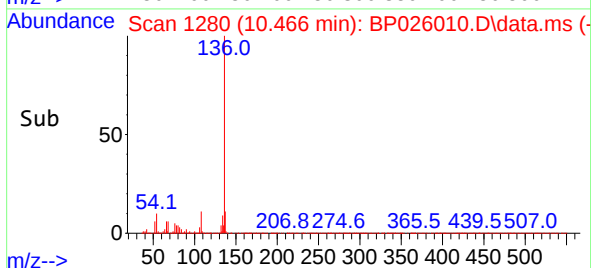
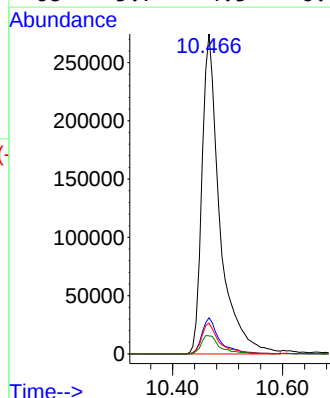
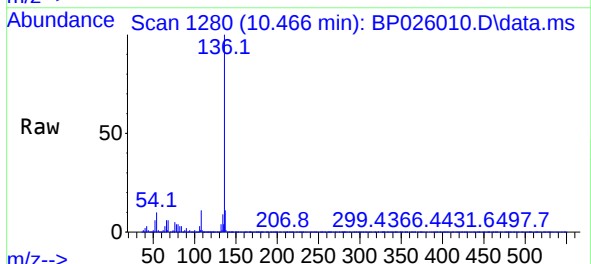
Instrument :
BNA_P
ClientSampleId :
41-RA

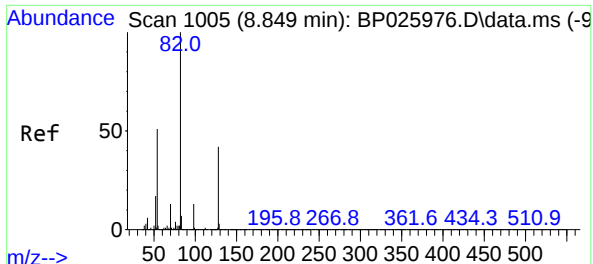
Tgt Ion: 99 Resp: 1628137
Ion Ratio Lower Upper
99 100
42 20.4 14.2 21.4
71 37.5 29.4 44.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.466 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

Tgt Ion:136 Resp: 619977
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.6 6.8 10.2
68 5.7 4.5 6.7

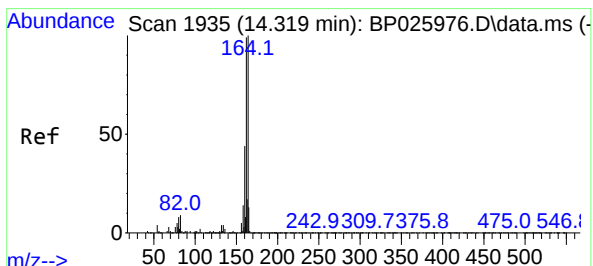
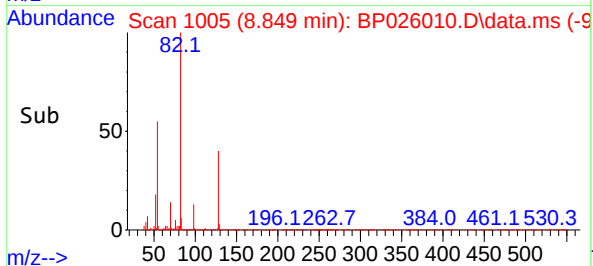
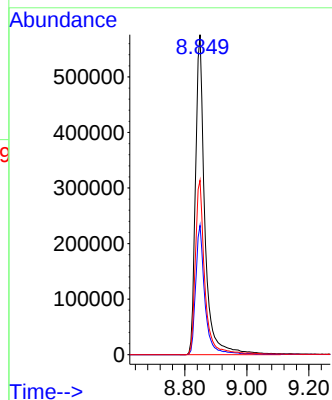
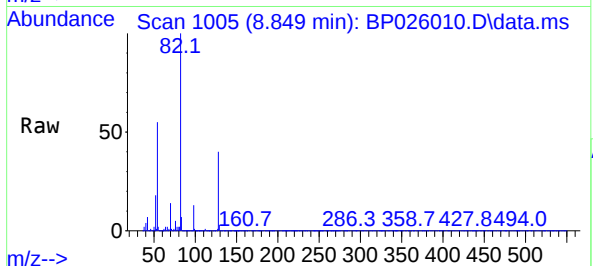




#23
Nitrobenzene-d5
Concen: 87.844 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

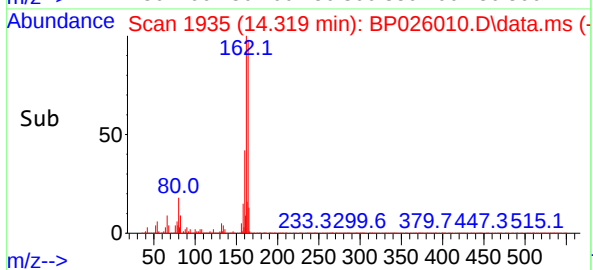
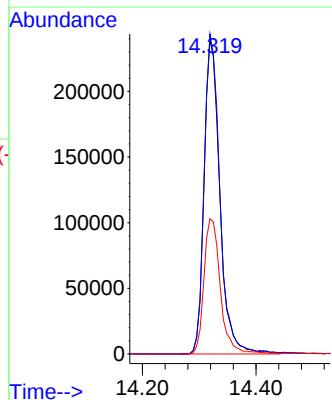
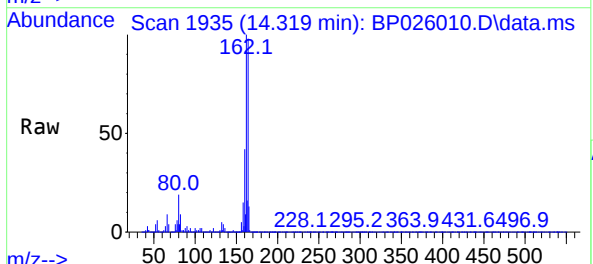
Instrument :
BNA_P
ClientSampleId :
41-RA

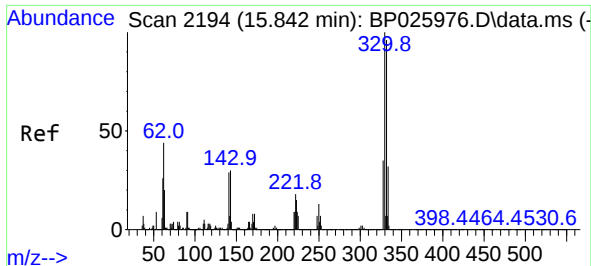
Tgt Ion: 82 Resp: 1211649
Ion Ratio Lower Upper
82 100
128 40.4 33.6 50.4
54 54.5 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

Tgt Ion:164 Resp: 459976
Ion Ratio Lower Upper
164 100
162 101.8 79.3 118.9
160 43.0 35.4 53.0

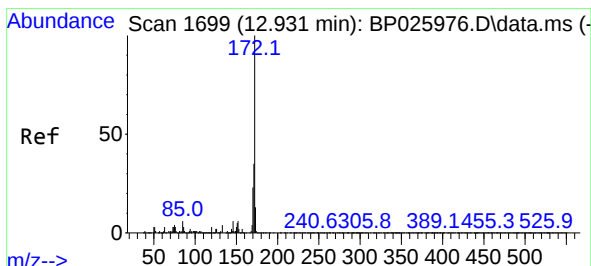
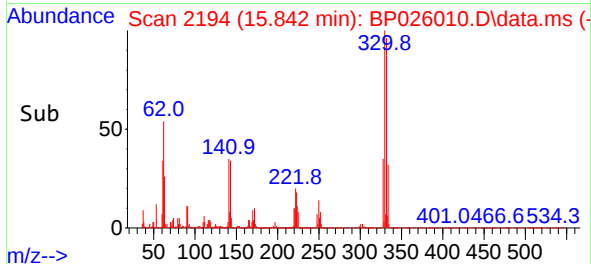
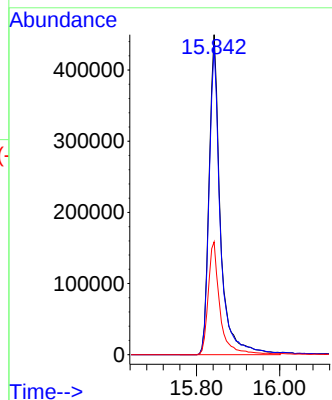
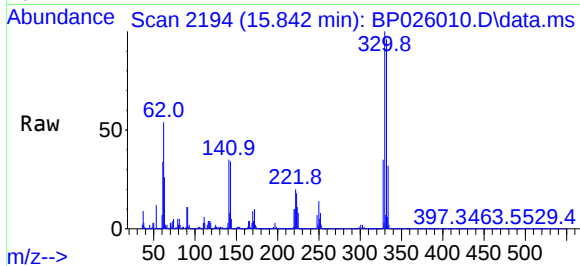




#42
2,4,6-Tribromophenol
Concen: 137.386 ng
RT: 15.842 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

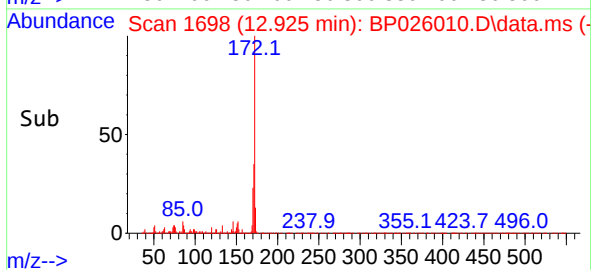
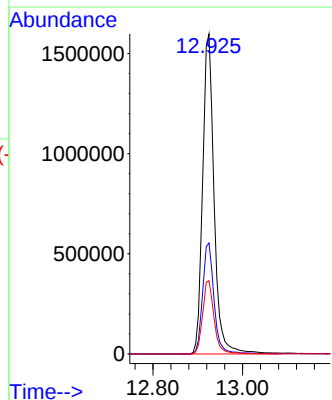
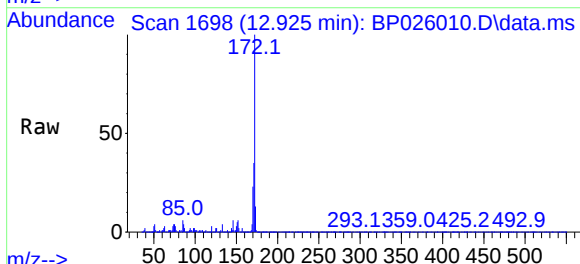
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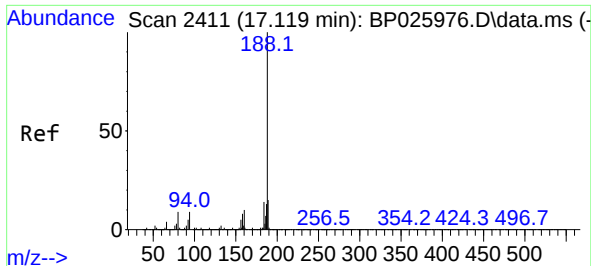
Tgt Ion:330 Resp: 850741
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 36.6 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 79.141 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

Tgt Ion:172 Resp: 2840144
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.9 18.5 27.7

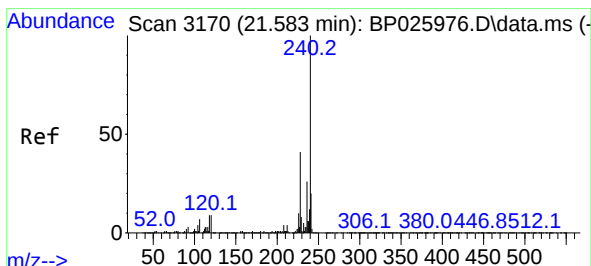
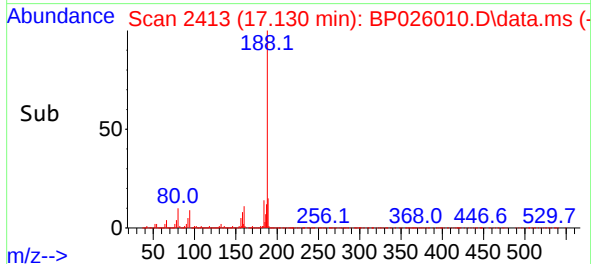
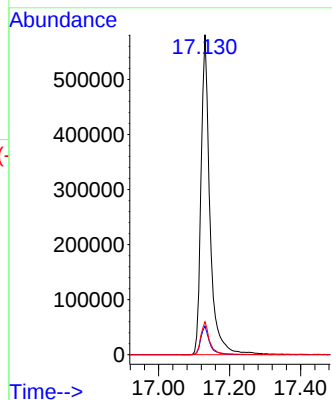
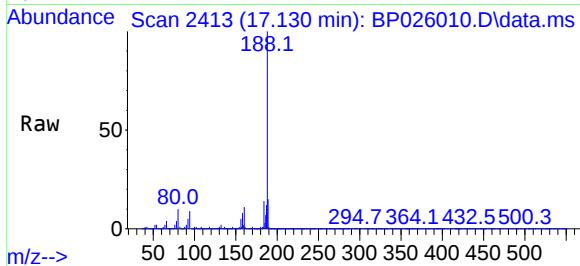




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.130 min Scan# 2413
Delta R.T. 0.012 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

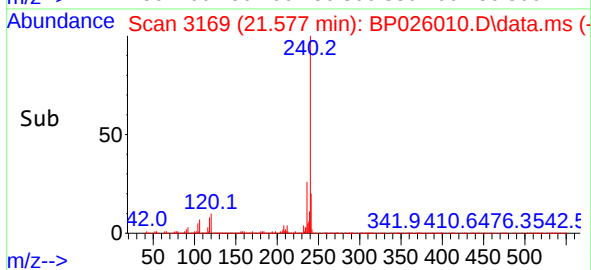
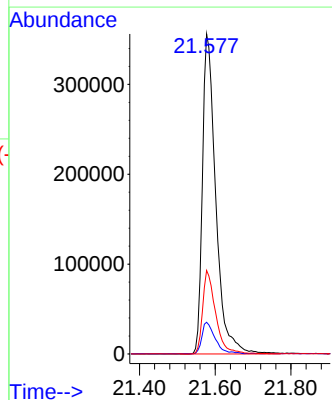
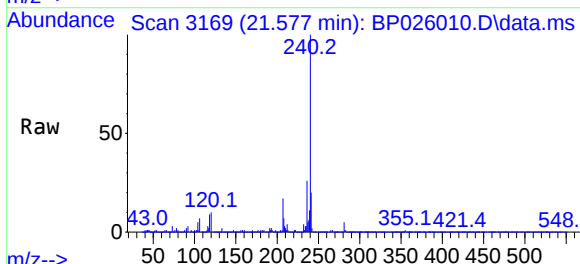
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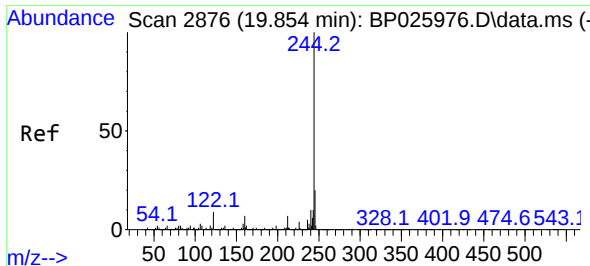
Tgt Ion:188 Resp: 1018978
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 10.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

Tgt Ion:240 Resp: 874935
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 26.1 20.4 30.6

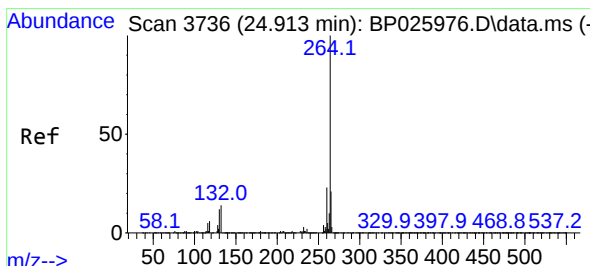
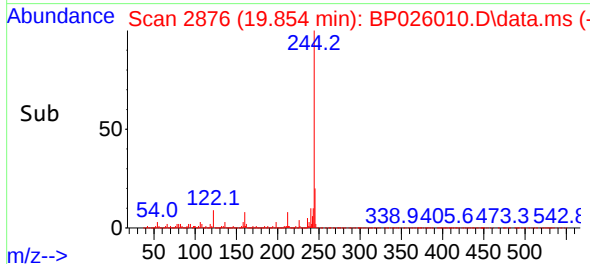
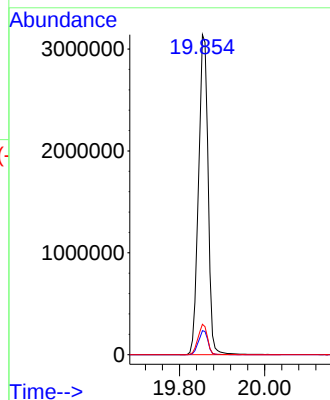
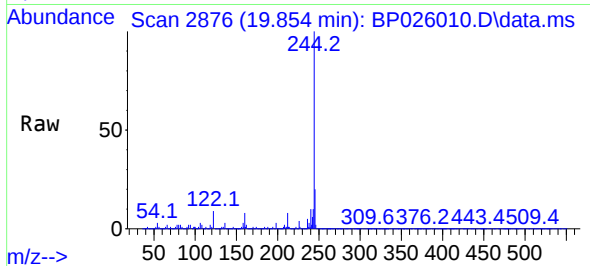




#79
Terphenyl-d14
Concen: 89.126 ng
RT: 19.854 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

Instrument :
BNA_P
ClientSampleId :
41-RA

Tgt Ion:244 Resp: 4879285
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.5 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.936 min Scan# 3740
Delta R.T. 0.023 min
Lab File: BP026010.D
Acq: 22 Oct 2025 22:42

Tgt Ion:264 Resp: 611463
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.2 17.7 26.5

