

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
 Data File : BP026261.D
 Acq On : 09 Dec 2025 14:55
 Operator : RC/JU
 Sample : Q3795-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966

Quant Time: Dec 09 15:16:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

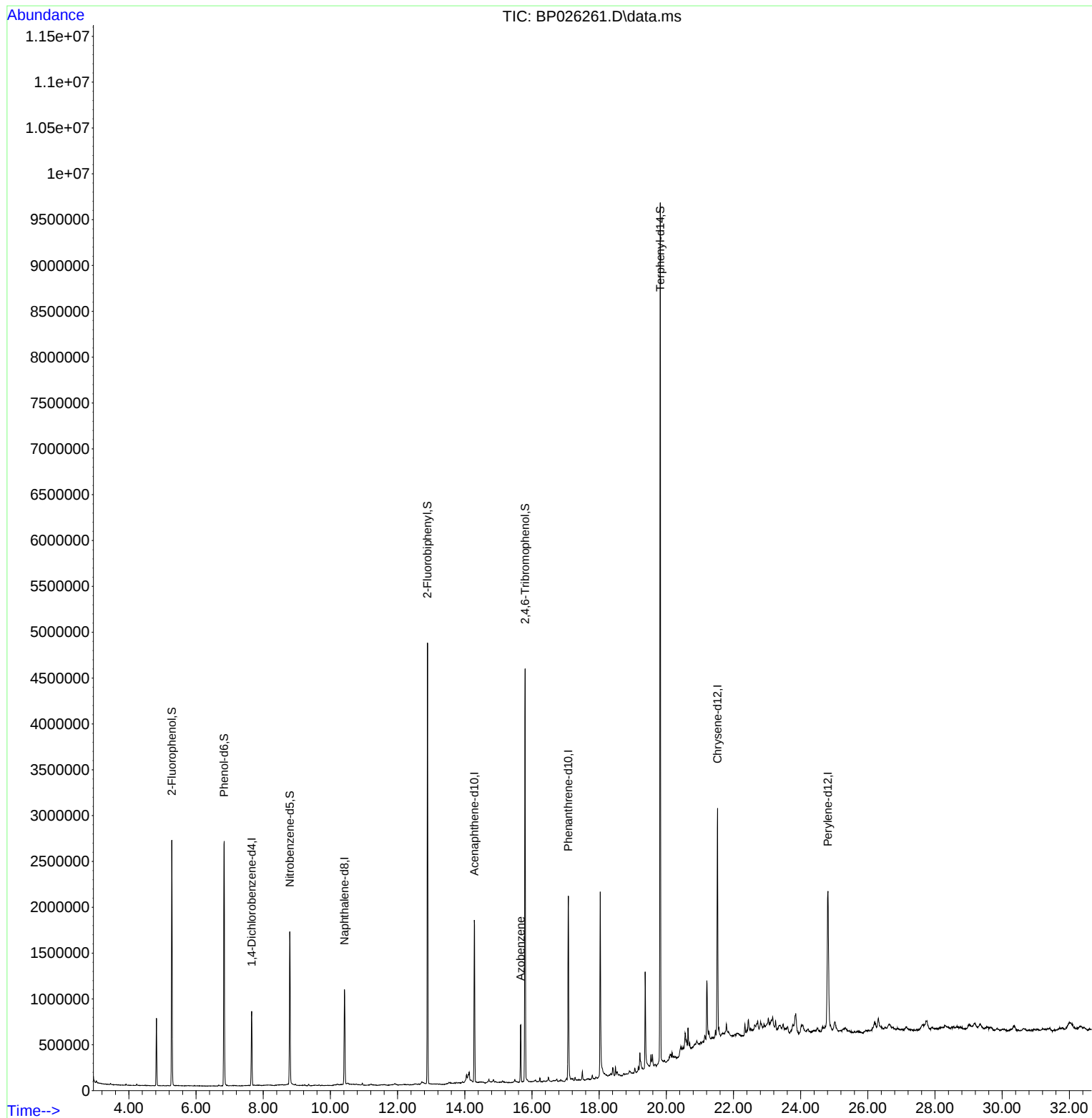
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	240815	20.000	ng	0.00
21) Naphthalene-d8	10.419	136	960383	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	644013	20.000	ng	0.00
64) Phenanthrene-d10	17.083	188	1319054	20.000	ng	-0.01
76) Chrysene-d12	21.524	240	1403879	20.000	ng	-0.01
86) Perylene-d12	24.812	264	1590879	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1189215	79.392	ng	0.00
7) Phenol-d6	6.837	99	1545733	81.752	ng	0.00
23) Nitrobenzene-d5	8.790	82	879551	52.130	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	872200	104.141	ng	-0.01
45) 2-Fluorobiphenyl	12.890	172	2303853	52.010	ng	-0.01
79) Terphenyl-d14	19.819	244	4726333	68.811	ng	-0.02
Target Compounds						
63) Azobenzene	15.660	77	181465	4.484	ng	Qvalue # 1

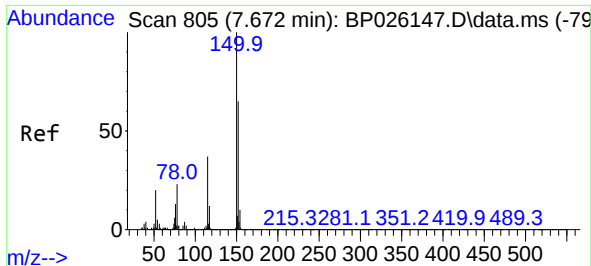
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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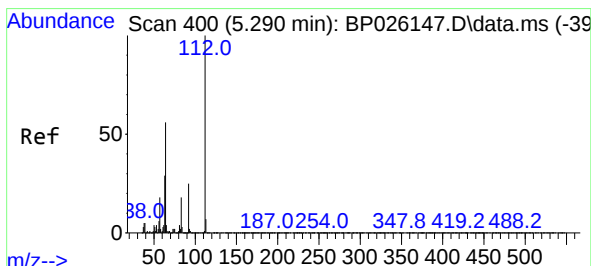
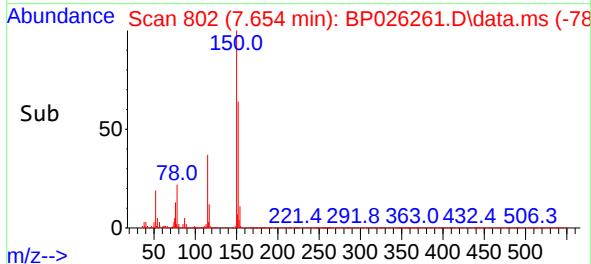
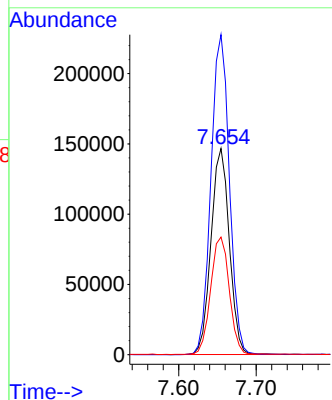
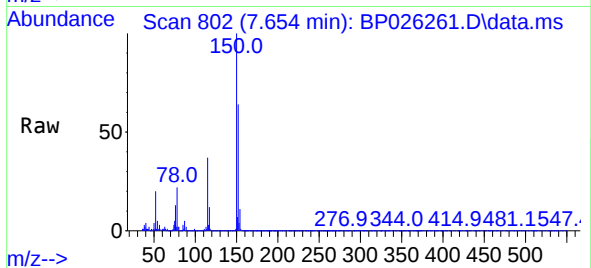




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 80
Delta R.T. -0.001 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

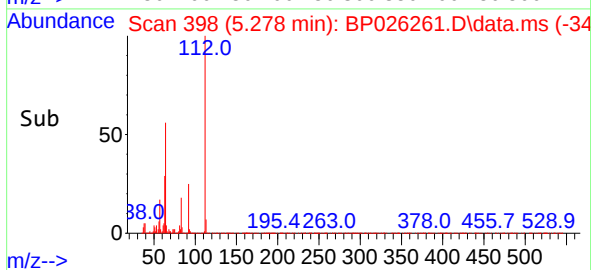
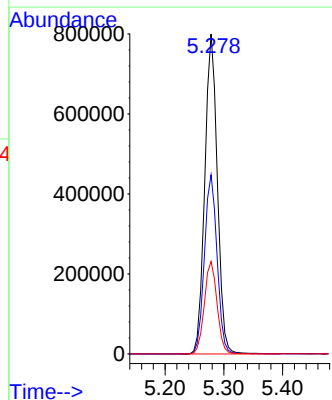
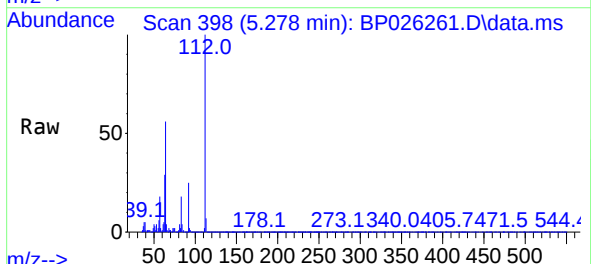
Instrument :
BNA_P
ClientSampleId :
72-11966

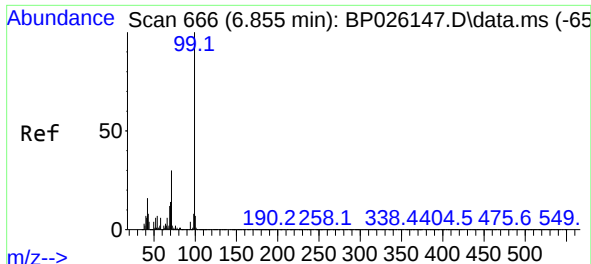
Tgt Ion:152 Resp: 240815
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.6
115 57.0 46.3 69.5



#5
2-Fluorophenol
Concen: 79.392 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

Tgt Ion:112 Resp: 1189215
Ion Ratio Lower Upper
112 100
64 56.0 45.8 68.6
63 28.9 23.5 35.3

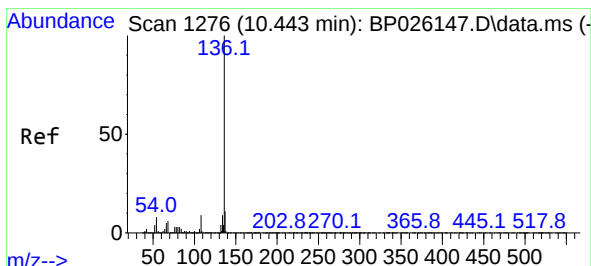
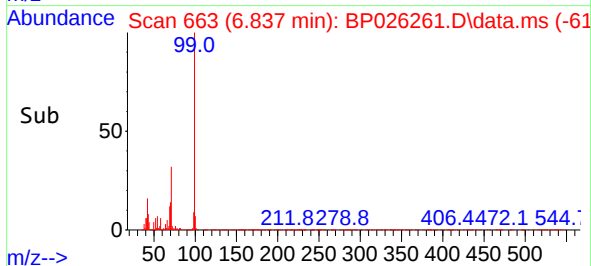
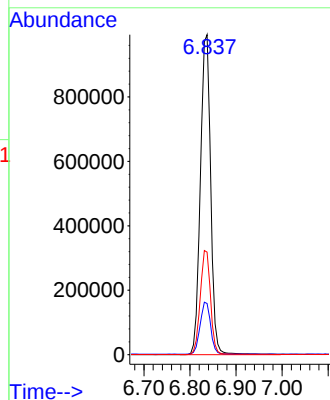
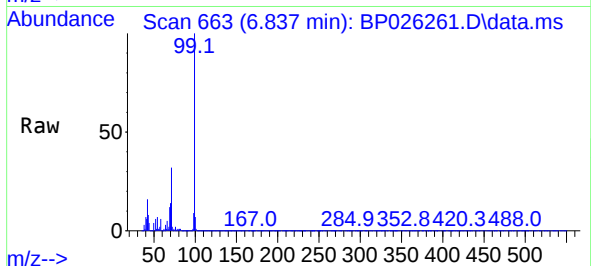




#7
Phenol-d6
Concen: 81.752 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

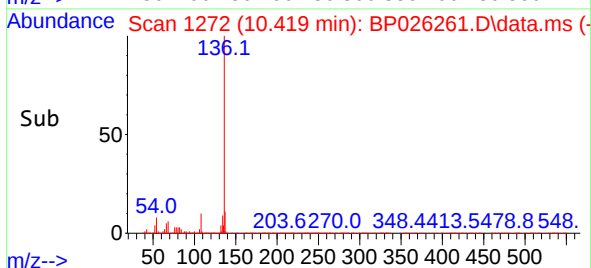
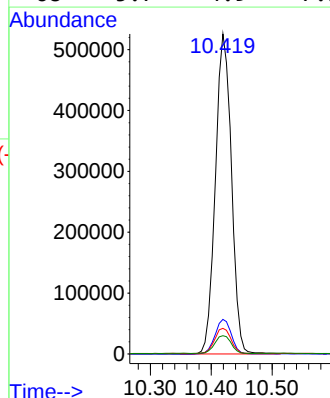
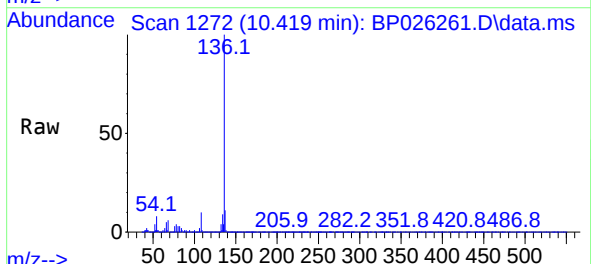
Instrument :
BNA_P
ClientSampleId :
72-11966

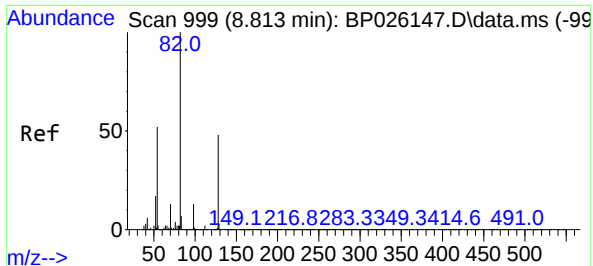
Tgt Ion: 99 Resp: 1545733
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 32.1 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

Tgt Ion:136 Resp: 960383
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.0 6.4 9.6
68 5.7 4.9 7.3

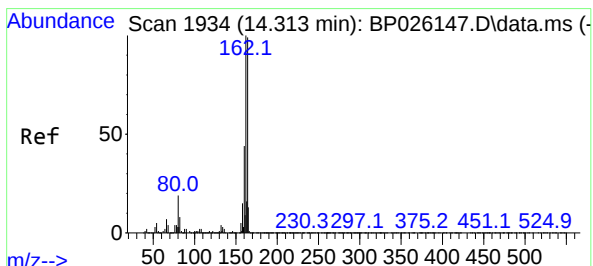
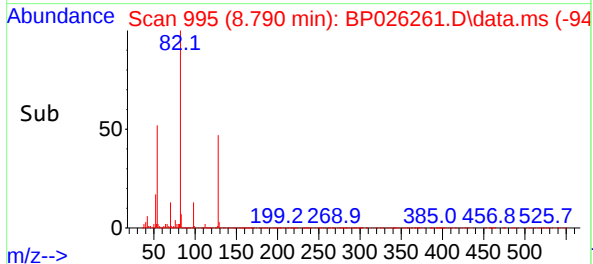
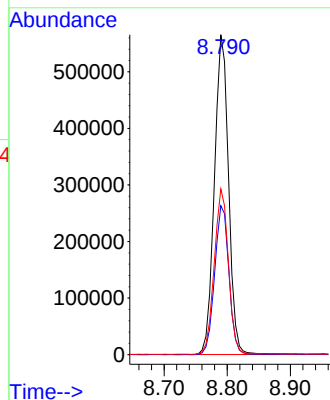
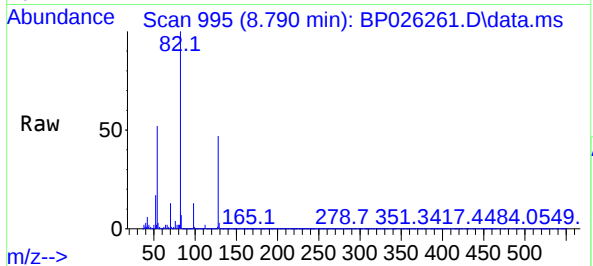




#23
Nitrobenzene-d5
Concen: 52.130 ng
RT: 8.790 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

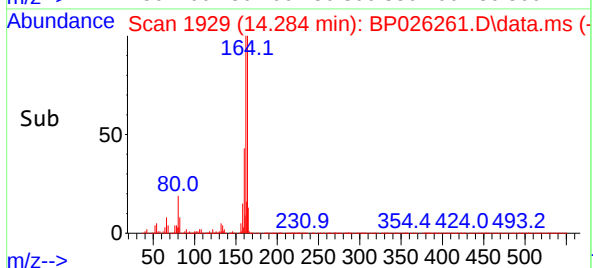
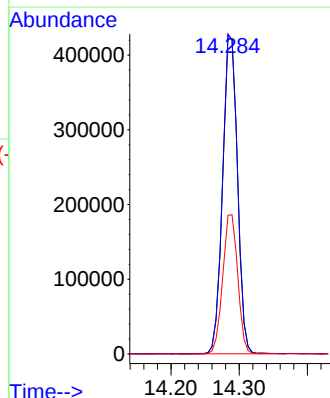
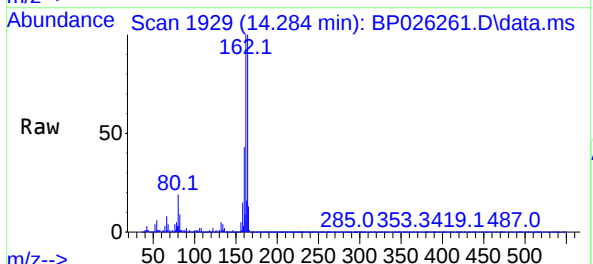
Instrument :
BNA_P
ClientSampleId :
72-11966

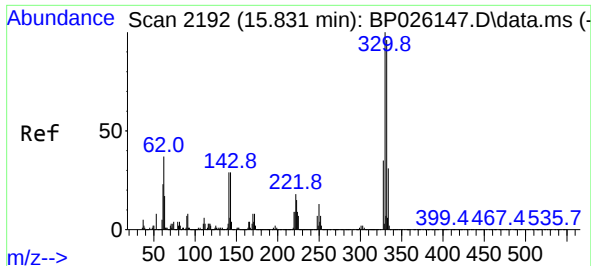
Tgt Ion: 82 Resp: 879551
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.0
54 51.8 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

Tgt Ion:164 Resp: 644013
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 43.5 35.2 52.8

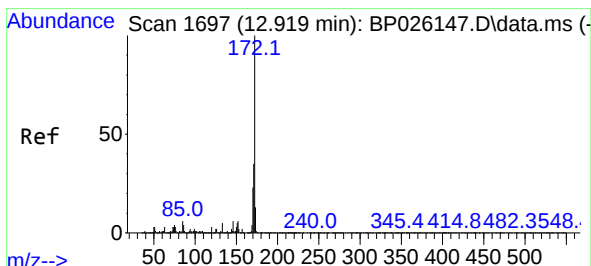
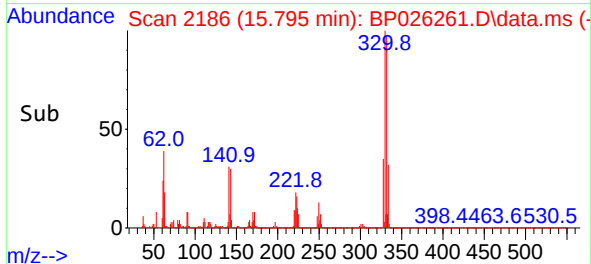
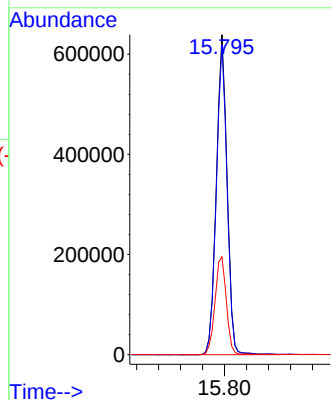
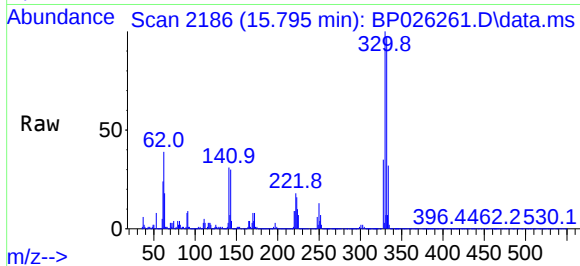




#42
2,4,6-Tribromophenol
Concen: 104.141 ng
RT: 15.795 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

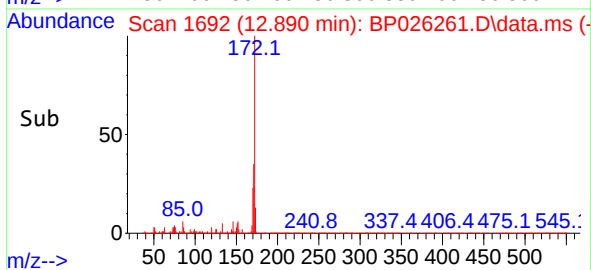
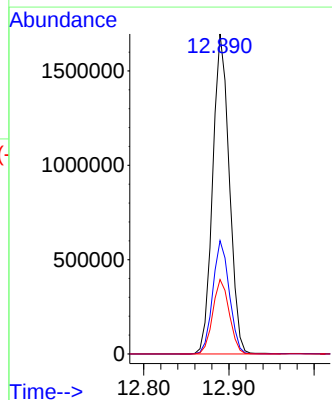
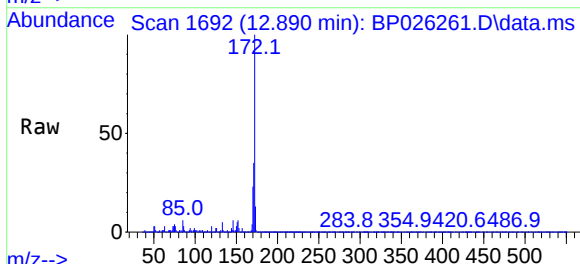
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ClientSampleId :
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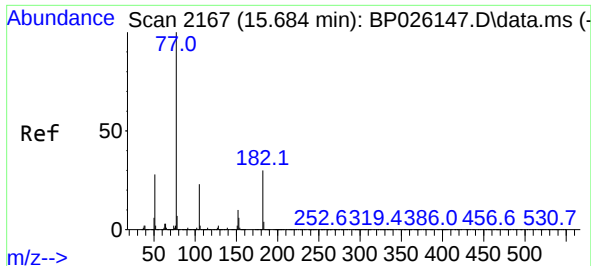
Tgt Ion:330 Resp: 872200
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 32.1 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 52.010 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

Tgt Ion:172 Resp: 2303853
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.2 18.7 28.1

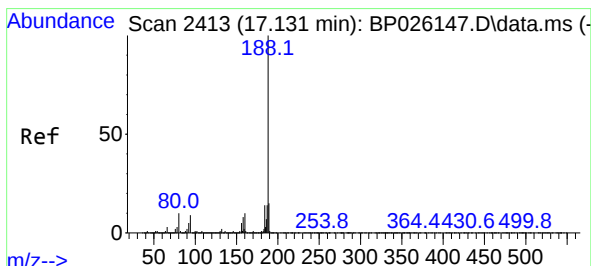
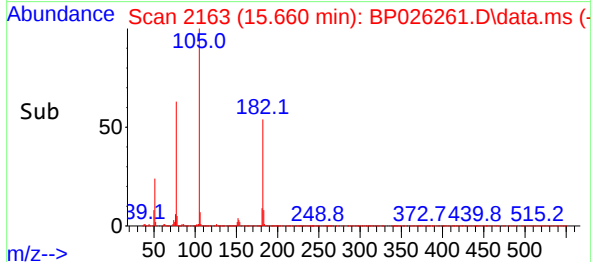
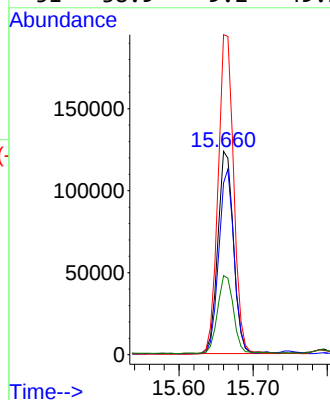
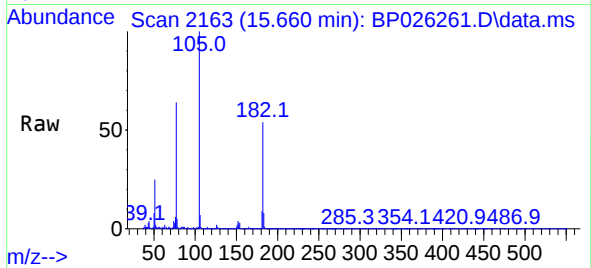




#63
Azobenzene
Concen: 4.484 ng
RT: 15.660 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

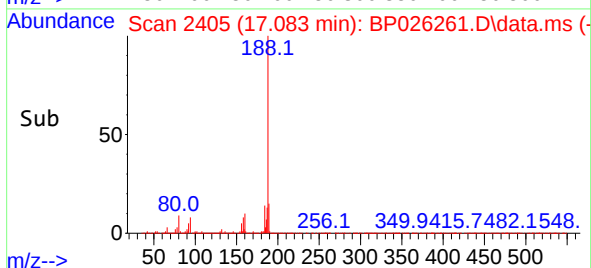
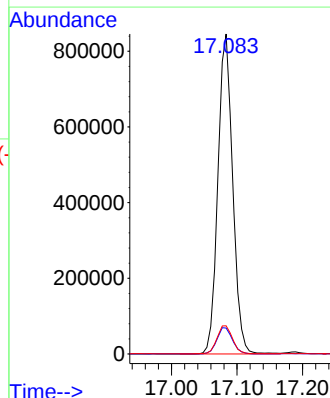
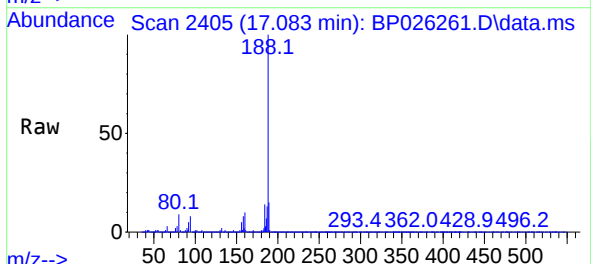
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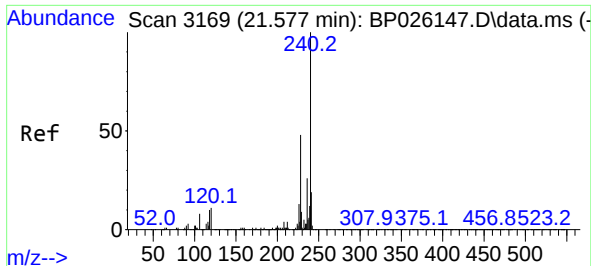
Tgt Ion: 77 Resp: 181465
Ion Ratio Lower Upper
77 100
182 84.5 8.8 48.8#
105 157.4 2.6 42.6#
51 38.9 9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.083 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

Tgt Ion: 188 Resp: 1319054
Ion Ratio Lower Upper
188 100
94 8.1 7.8 11.6
80 8.8 8.2 12.2

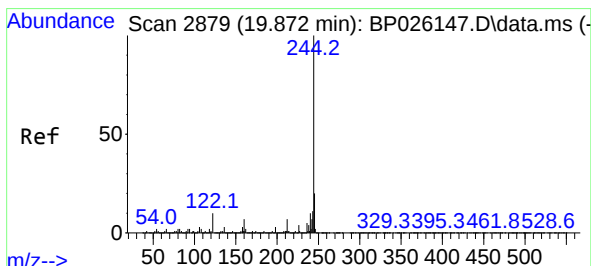
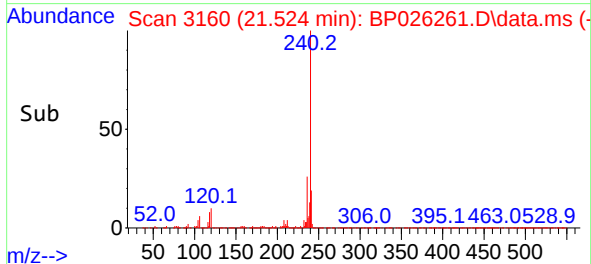
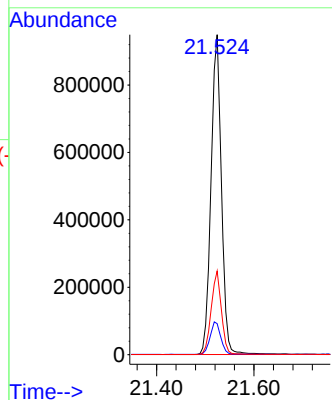
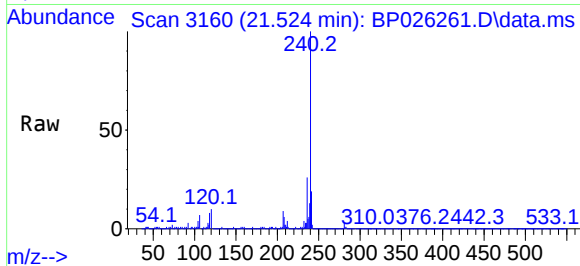




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

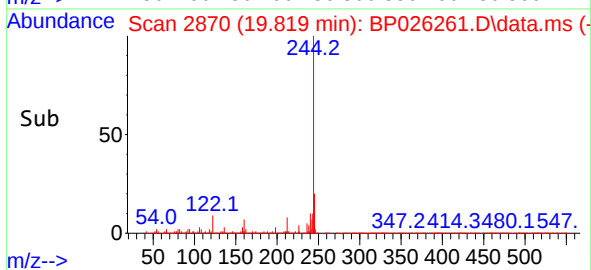
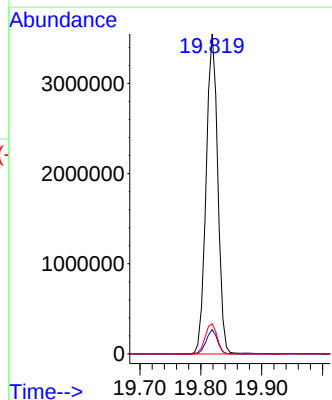
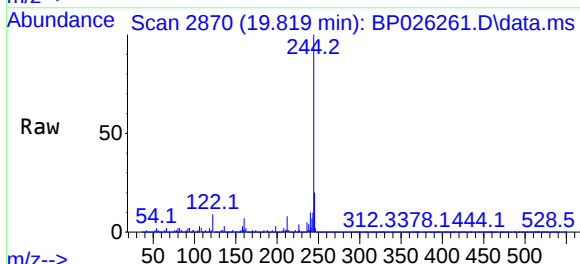
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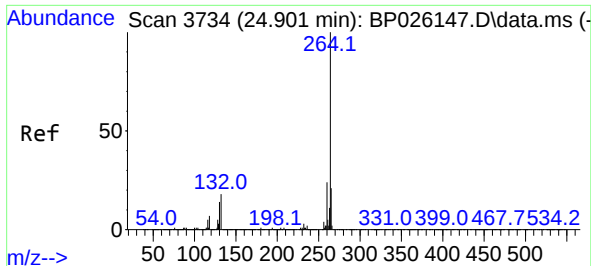
Tgt Ion:240 Resp: 1403879
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.2 20.4 30.6



#79
Terphenyl-d14
Concen: 68.811 ng
RT: 19.819 min Scan# 2870
Delta R.T. -0.018 min
Lab File: BP026261.D
Acq: 09 Dec 2025 14:55

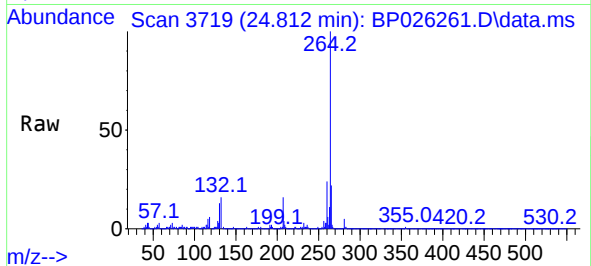
Tgt Ion:244 Resp: 4726333
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.5 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.812 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP026261.D
 Acq: 09 Dec 2025 14:55

Instrument :
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Tgt Ion:264 Resp: 1590879
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.0 17.5 26.3

