

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024876.D
 Acq On : 09 Jun 2025 14:12
 Operator : RC/JU
 Sample : Q2230-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-060425

Quant Time: Jun 09 14:31:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

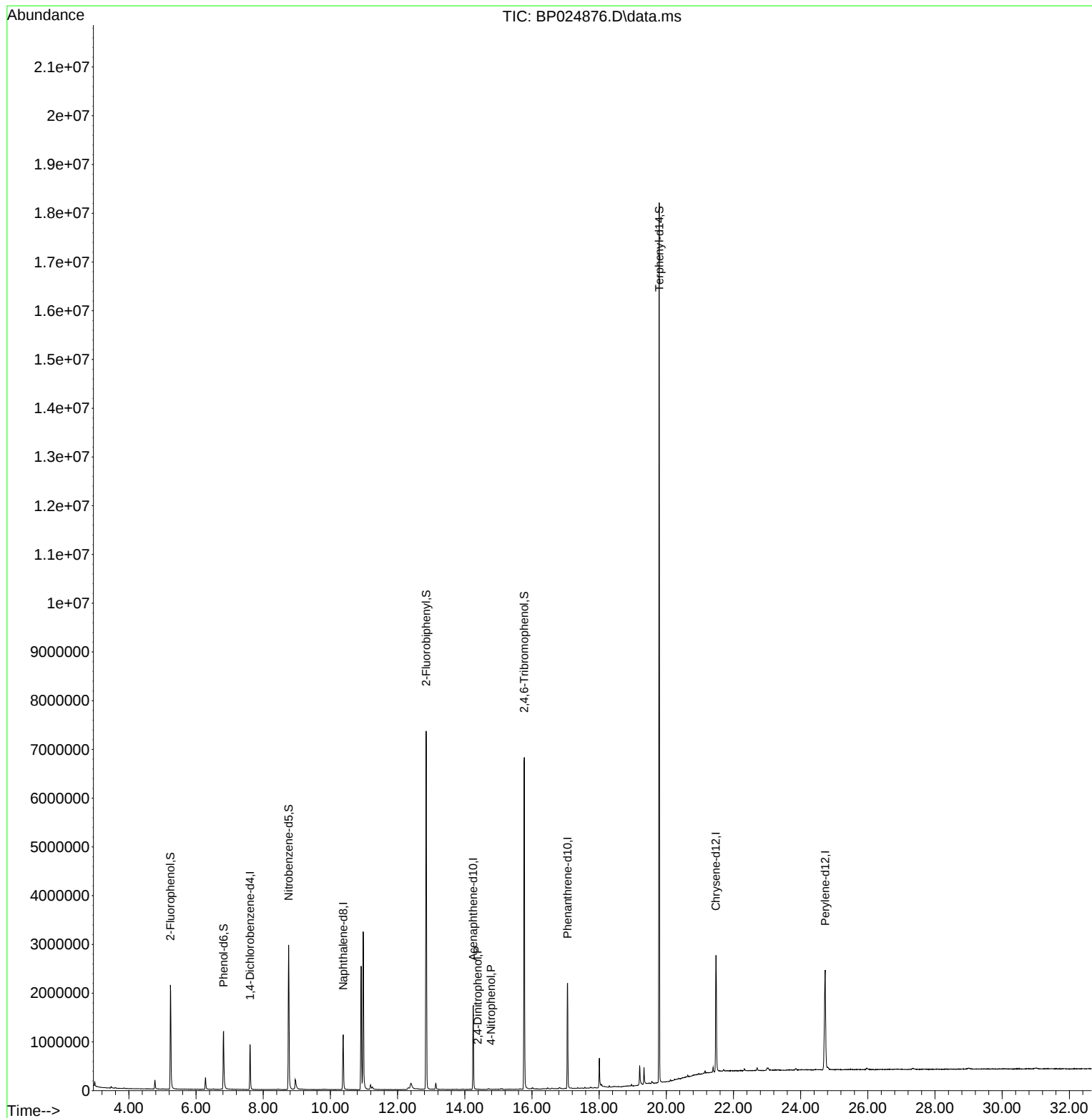
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	249050	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	993192	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	627635	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1279517	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1631185	20.000	ng	0.00
86) Perylene-d12	24.730	264	2005166	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1057554	70.880	ng	0.00
7) Phenol-d6	6.813	99	834666	42.281	ng	0.00
23) Nitrobenzene-d5	8.755	82	1864297	91.213	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	1399332	161.262	ng	-0.01
45) 2-Fluorobiphenyl	12.848	172	3963034	85.060	ng	-0.01
79) Terphenyl-d14	19.789	244	7843217	86.177	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.384	184	13	5.565	ng	# 1
56) 4-Nitrophenol	14.784	139	219	5.432	ng	87

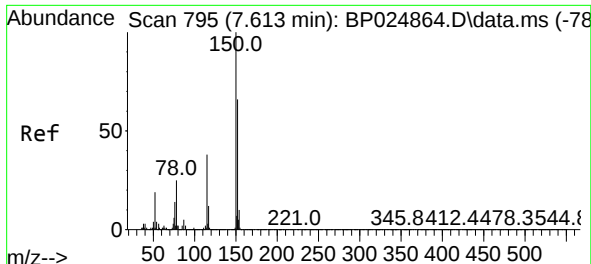
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
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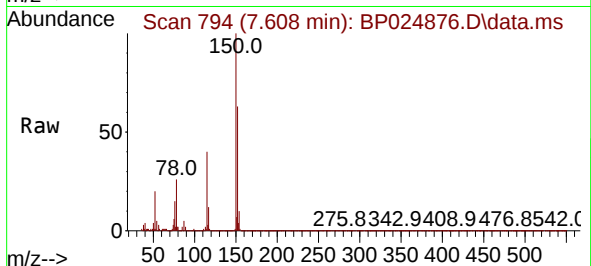
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



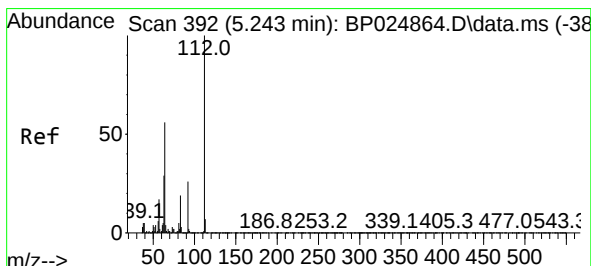
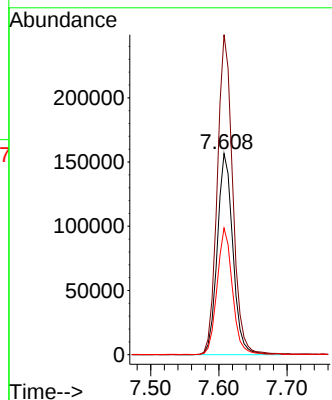
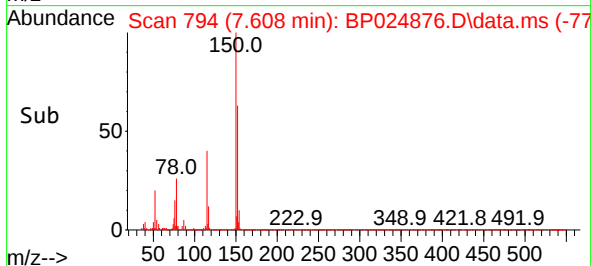


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Instrument :
BNA_P
ClientSampleId :
FB-060425

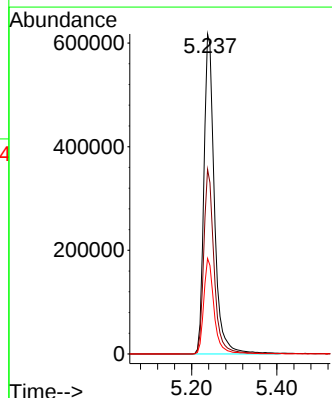
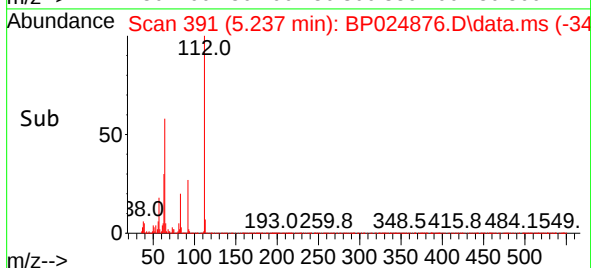
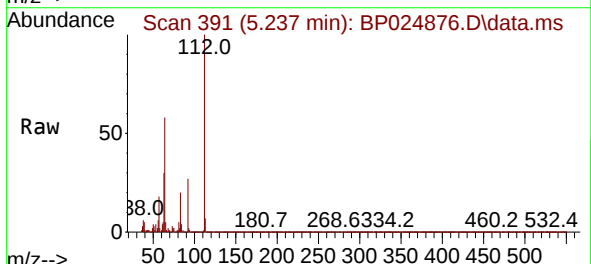


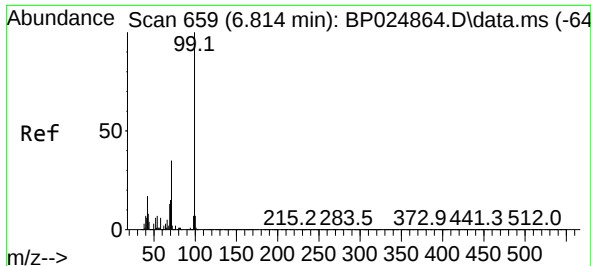
Tgt Ion:152 Resp: 249050
Ion Ratio Lower Upper
152 100
150 159.1 122.1 183.1
115 63.0 46.4 69.6



#5
2-Fluorophenol
Concen: 70.880 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion:112 Resp: 1057554
Ion Ratio Lower Upper
112 100
64 57.7 44.7 67.1
63 29.9 23.5 35.3

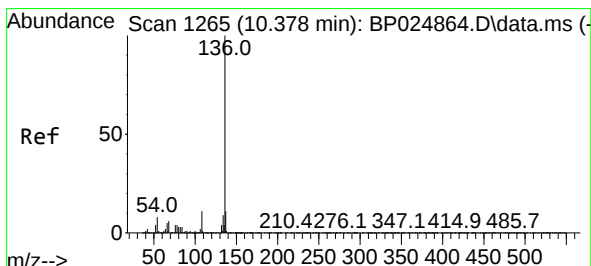
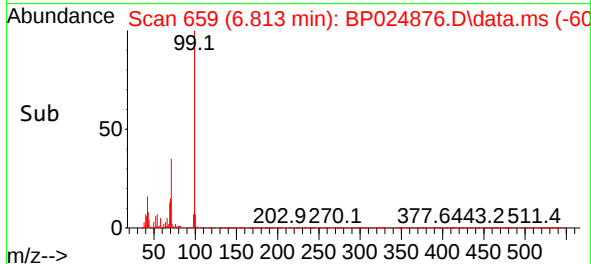
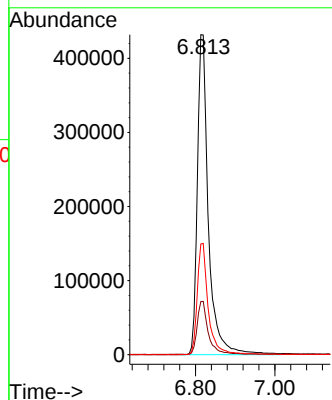
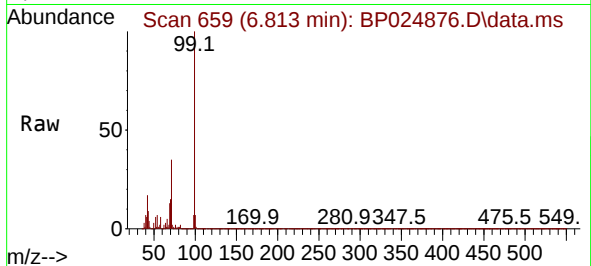




#7
Phenol-d6
Concen: 42.281 ng
RT: 6.813 min Scan# 613
Delta R.T. -0.000 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

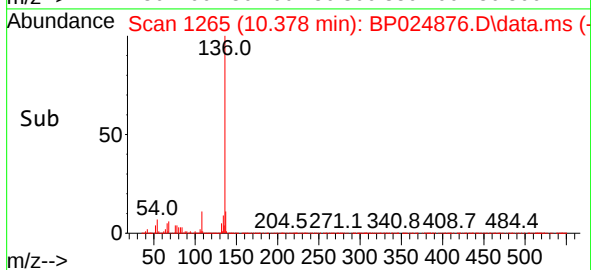
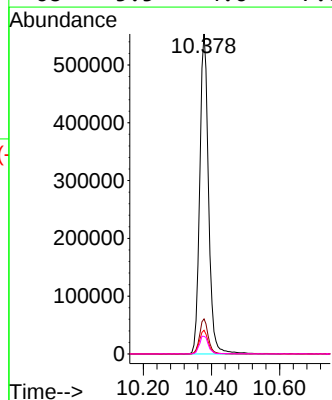
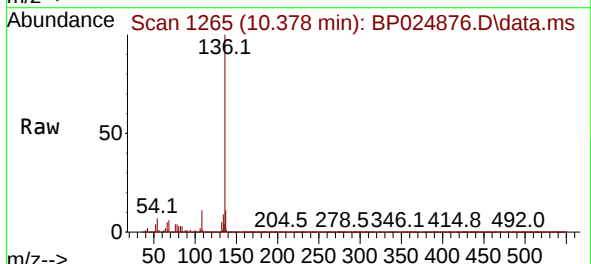
Instrument :
BNA_P
ClientSampleId :
FB-060425

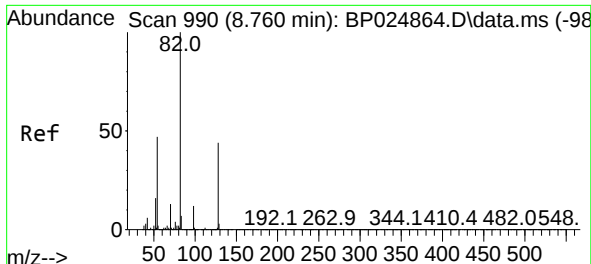
Tgt Ion: 99 Resp: 834666
Ion Ratio Lower Upper
99 100
42 16.6 13.4 20.2
71 34.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion:136 Resp: 993192
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 6.1 9.1
68 5.5 4.6 7.0

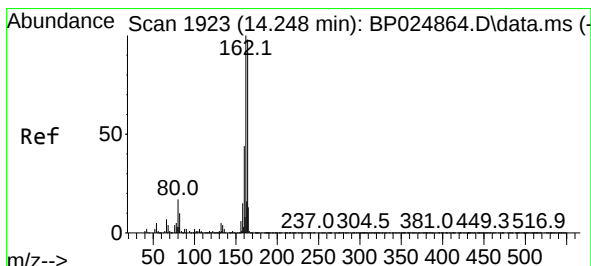
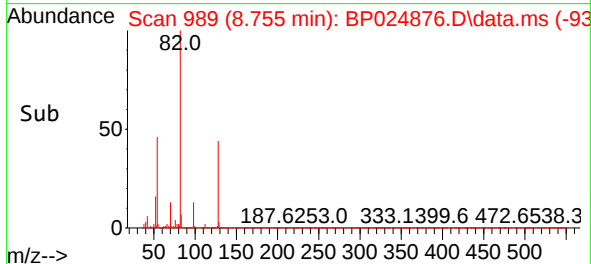
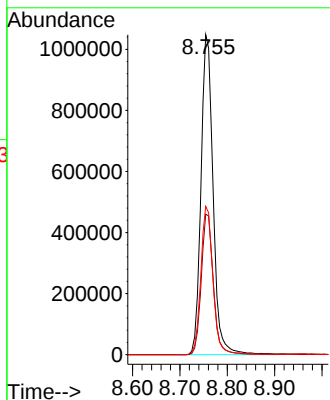
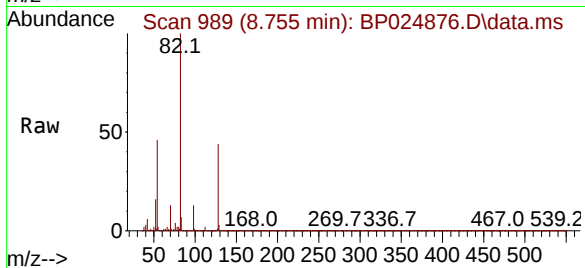




#23
Nitrobenzene-d5
Concen: 91.213 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

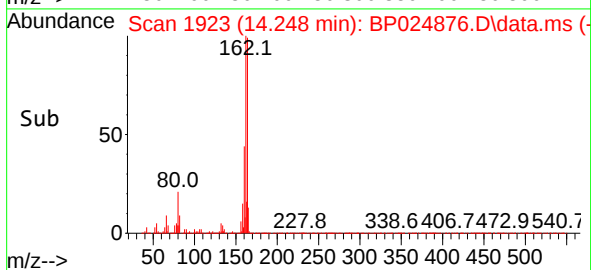
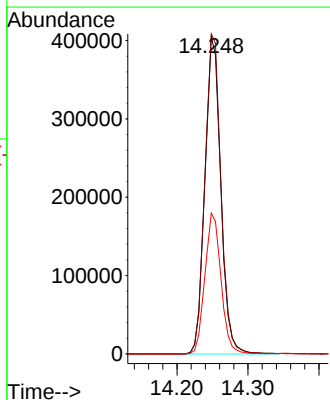
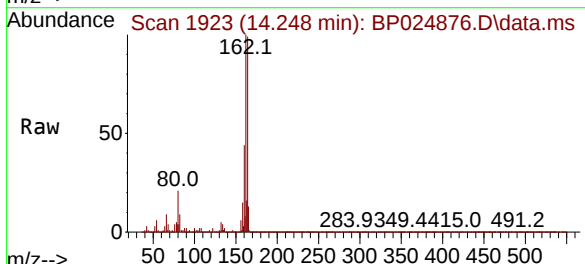
Instrument :
BNA_P
ClientSampleId :
FB-060425

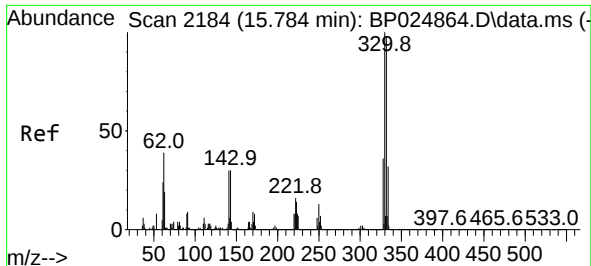
Tgt Ion: 82 Resp: 1864297
Ion Ratio Lower Upper
82 100
128 43.9 35.3 52.9
54 46.4 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion:164 Resp: 627635
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 44.4 36.2 54.2

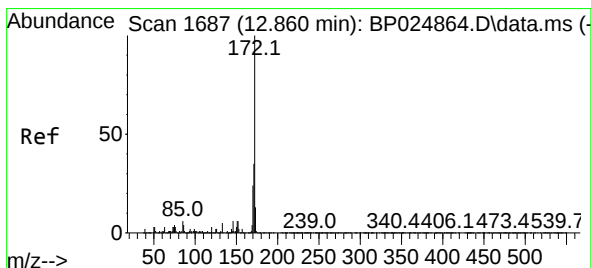
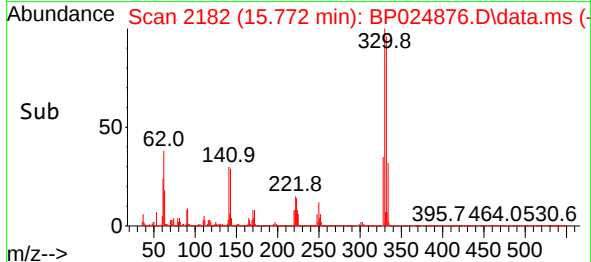
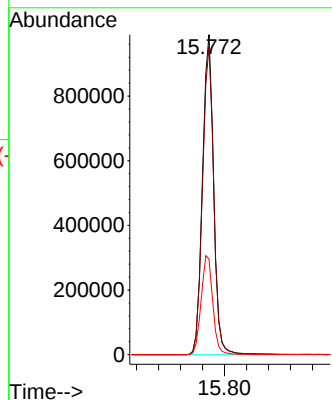
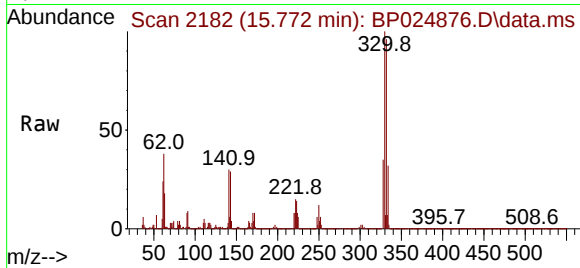




#42
2,4,6-Tribromophenol
Concen: 161.262 ng
RT: 15.772 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

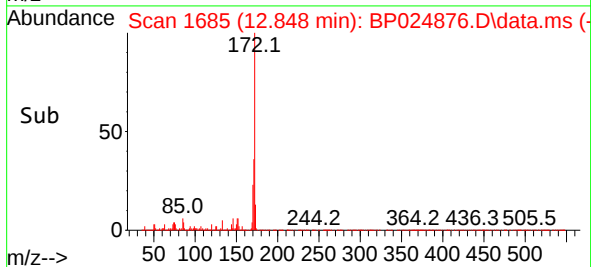
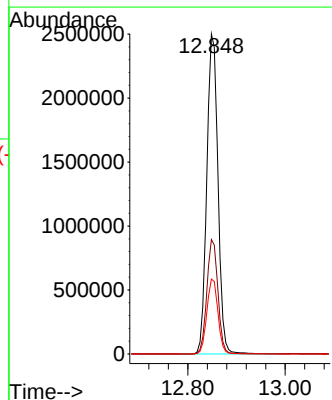
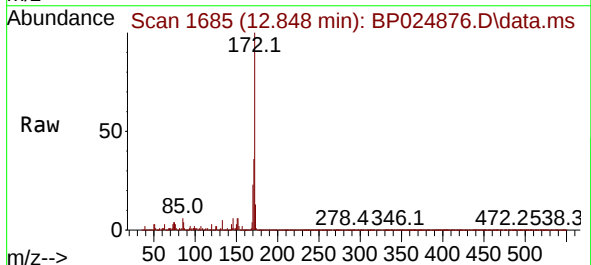
Instrument :
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ClientSampleId :
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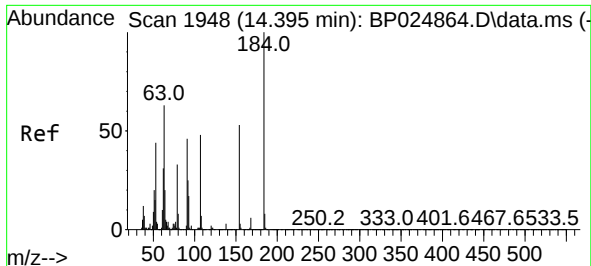
Tgt Ion:330 Resp: 1399332
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 32.4 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 85.060 ng
RT: 12.848 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion:172 Resp: 3963034
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 19.0 28.4

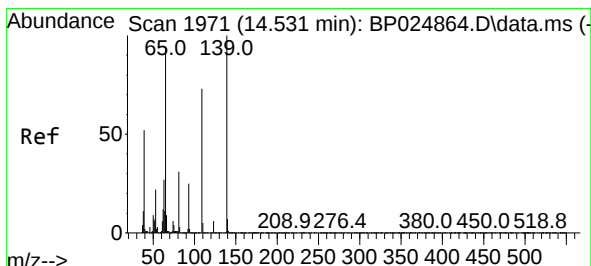
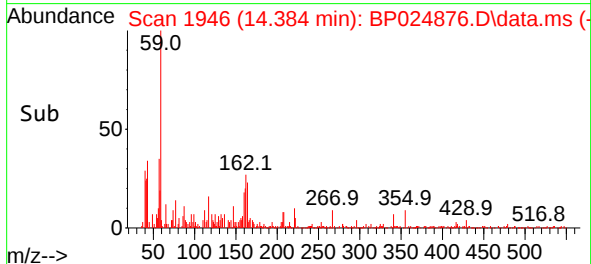
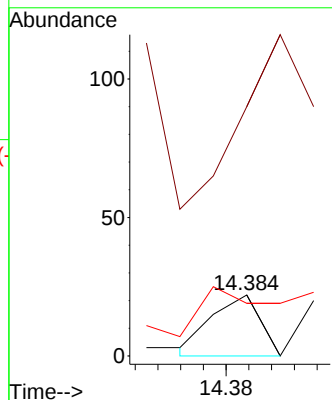
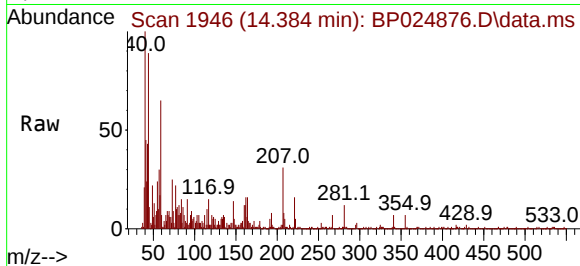




#54
2,4-Dinitrophenol
Concen: 5.565 ng
RT: 14.384 min Scan# 1948
Delta R.T. -0.011 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

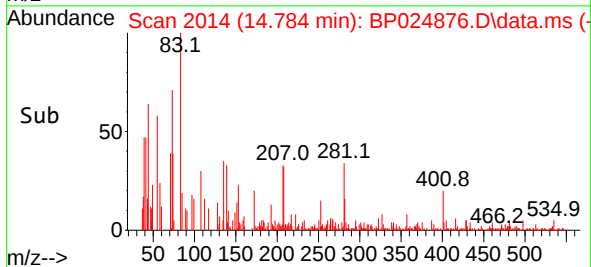
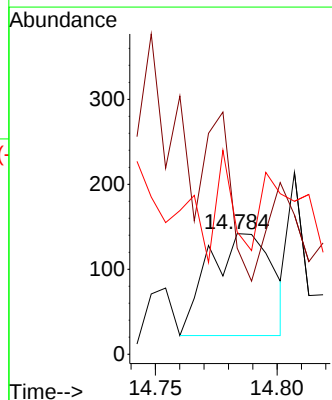
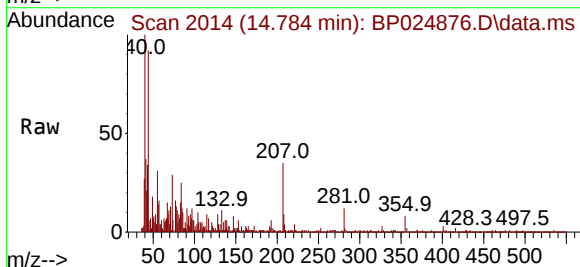
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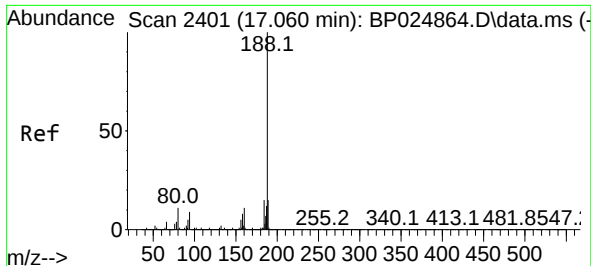
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 409.1 51.0 76.4#
154 86.4 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.432 ng
RT: 14.784 min Scan# 2014
Delta R.T. 0.253 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion:139 Resp: 219
Ion Ratio Lower Upper
139 100
109 88.0 53.1 93.1
65 101.4 73.0 113.0

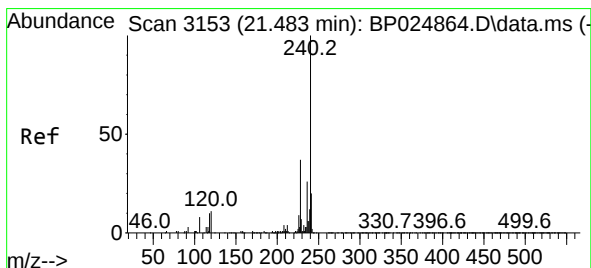
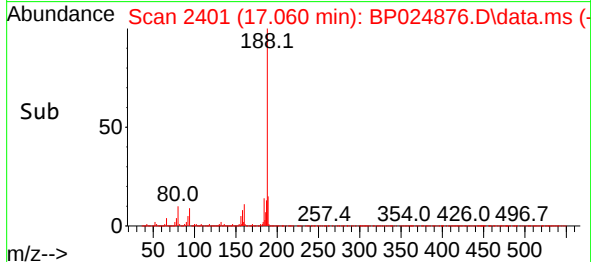
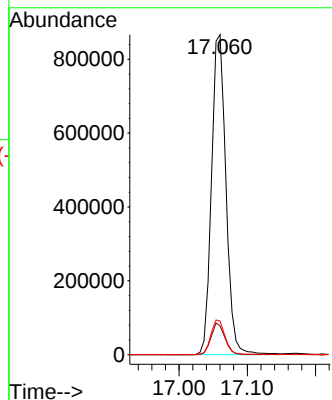
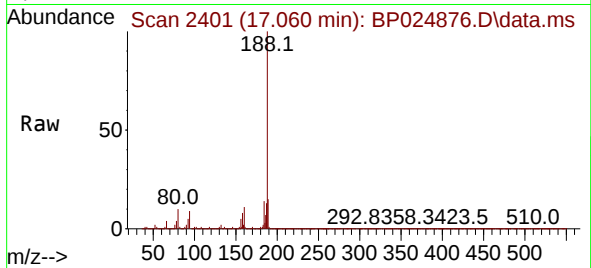




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

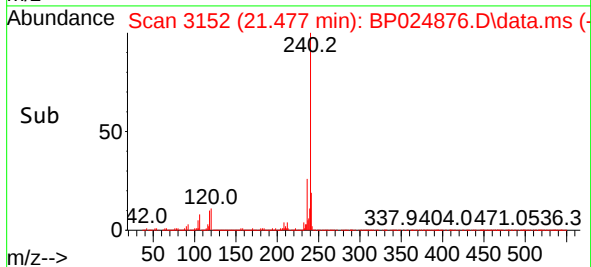
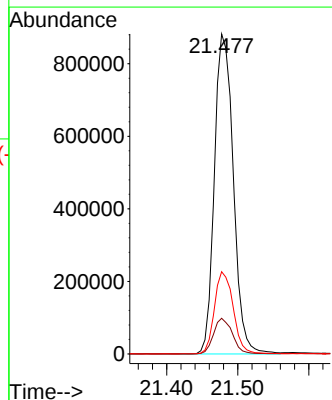
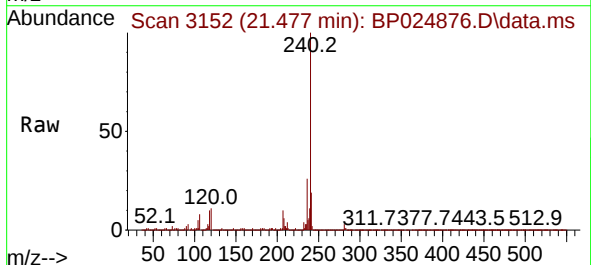
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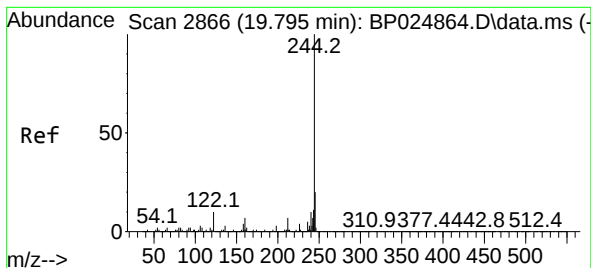
Tgt Ion:188 Resp: 1279517
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 10.5 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion:240 Resp: 1631185
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 86.177 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024876.D

Acq: 09 Jun 2025 14:12

Instrument :

BNA_P

ClientSampleId :

FB-060425

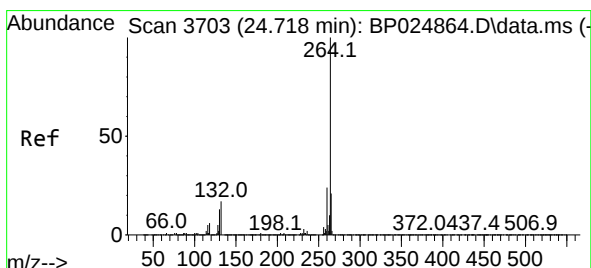
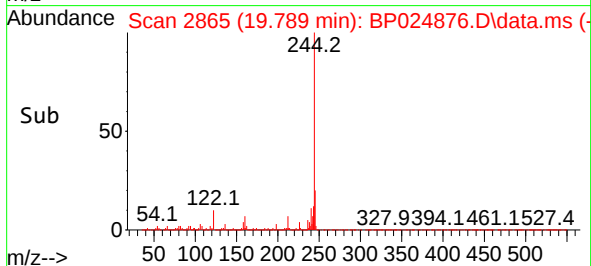
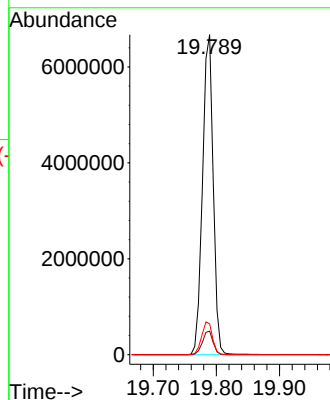
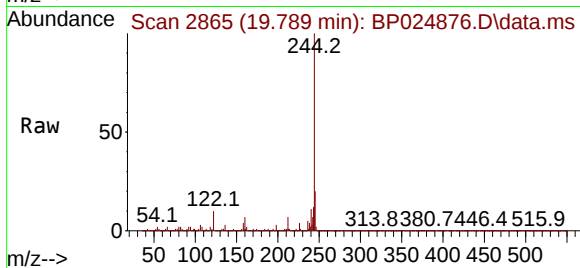
Tgt Ion:244 Resp: 7843217

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 9.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.730 min Scan# 3705

Delta R.T. 0.012 min

Lab File: BP024876.D

Acq: 09 Jun 2025 14:12

Tgt Ion:264 Resp: 2005166

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.8 17.4 26.0

