

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
 Data File : BP024921.D
 Acq On : 11 Jun 2025 21:11
 Operator : RC/JU
 Sample : Q2241-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 12 01:59:44 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

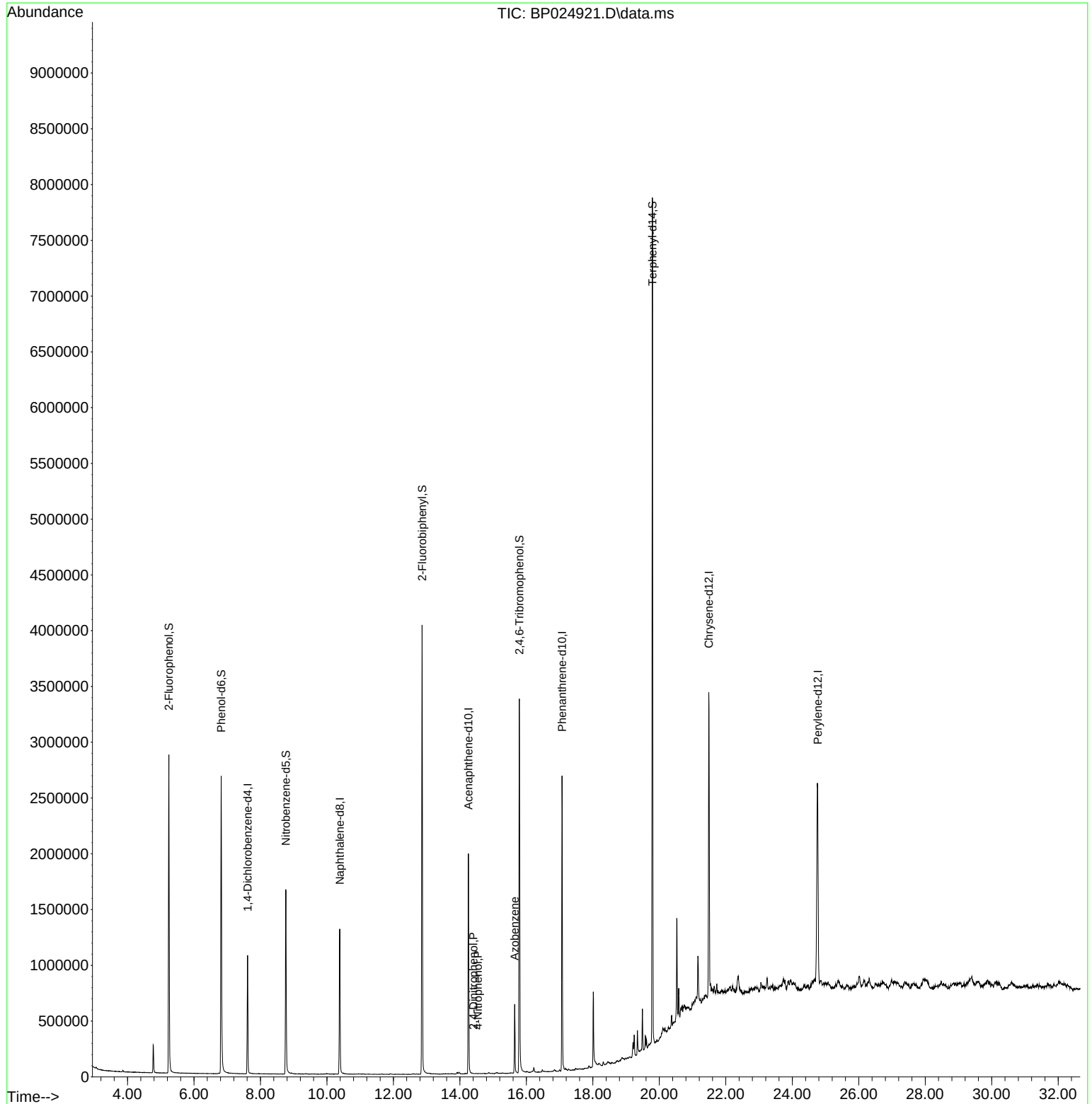
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

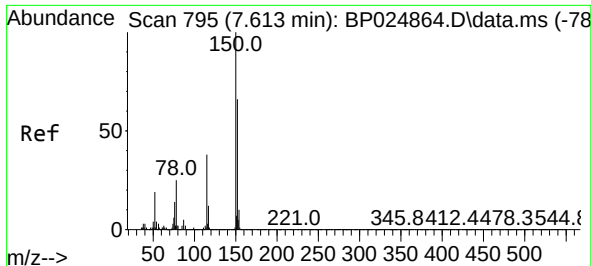
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	289780	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	1134066	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	697546	20.000	ng	0.00
64) Phenanthrene-d10	17.072	188	1429339	20.000	ng	0.01
76) Chrysene-d12	21.489	240	1654777	20.000	ng	0.00
86) Perylene-d12	24.765	264	1994411	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1319411	76.001	ng	0.00
7) Phenol-d6	6.819	99	1709754	74.436	ng	0.00
23) Nitrobenzene-d5	8.760	82	1033887	44.301	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	806858	83.665	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	2208248	42.646	ng	0.00
79) Terphenyl-d14	19.789	244	3862168	41.830	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.407	184	35	5.568	ng	# 1
56) 4-Nitrophenol	14.537	139	200	5.428	ng	# 71
63) Azobenzene	15.648	77	171523	3.647	ng	# 1

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

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Sample : Q2241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

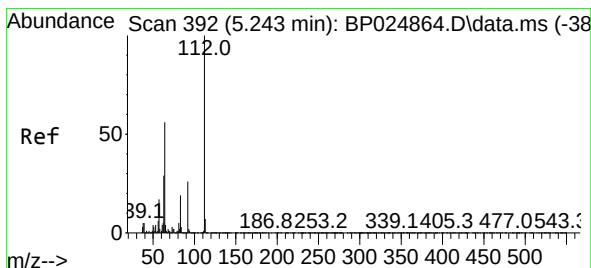
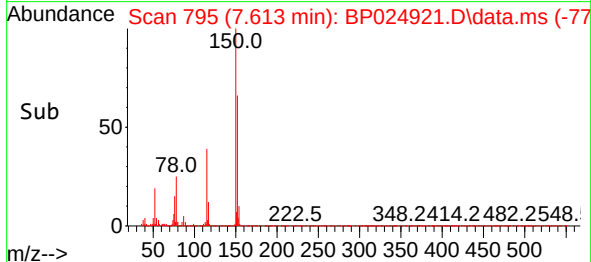
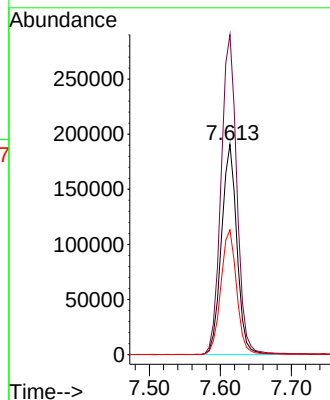
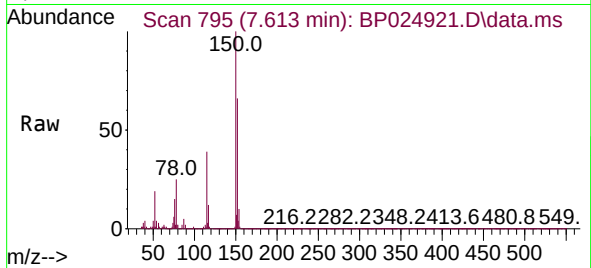
Quant Time: Jun 12 01:59:44 2025
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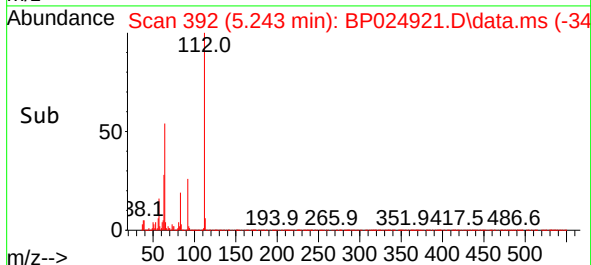
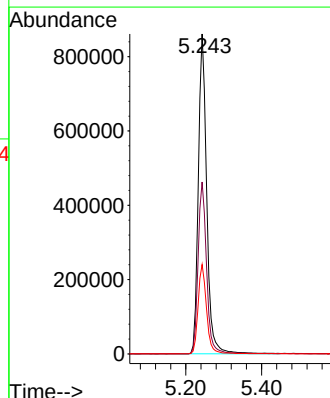
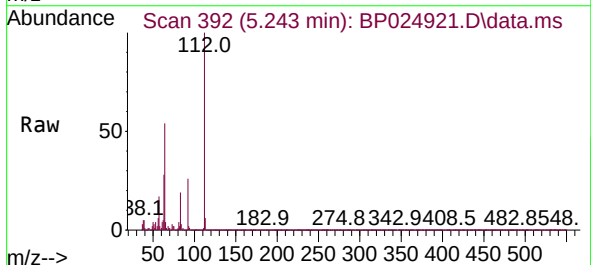
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

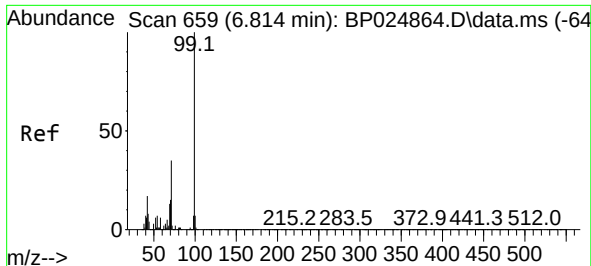
Tgt Ion:152 Resp: 289780
Ion Ratio Lower Upper
152 100
150 152.3 122.1 183.1
115 59.4 46.4 69.6



#5
2-Fluorophenol
Concen: 76.001 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

Tgt Ion:112 Resp: 1319411
Ion Ratio Lower Upper
112 100
64 53.7 44.7 67.1
63 27.9 23.5 35.3

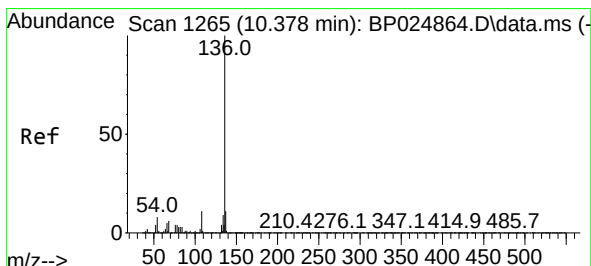
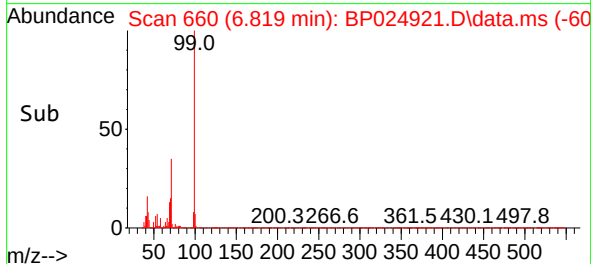
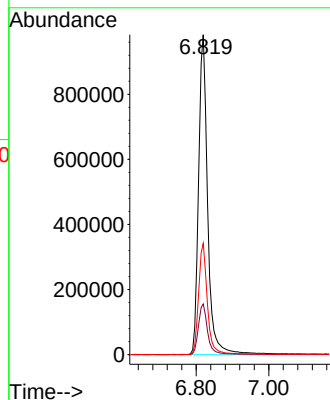
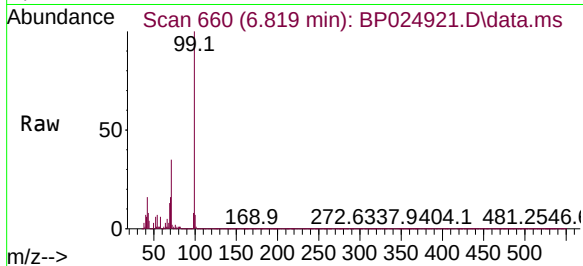




#7
Phenol-d6
Concen: 74.436 ng
RT: 6.819 min Scan# 660
Delta R.T. 0.006 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

Tgt Ion: 99 Resp: 1709754

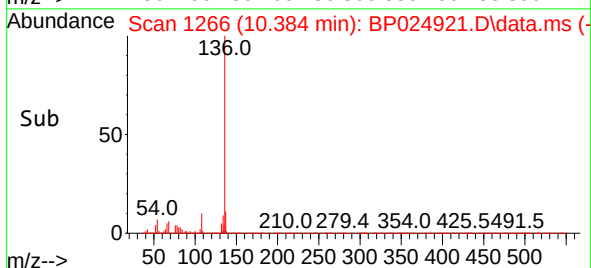
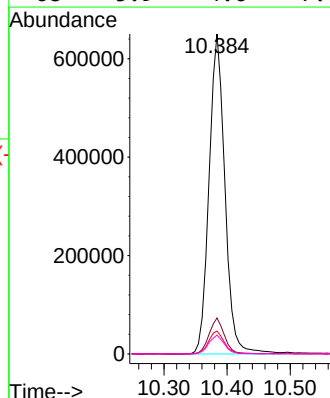
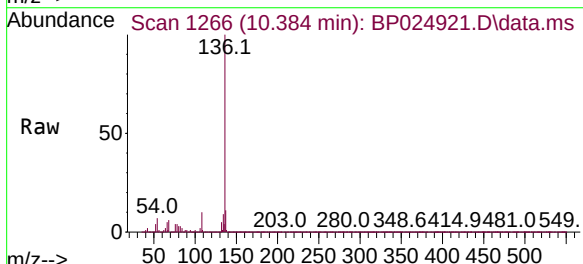
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.4	20.2
71	34.8	27.6	41.4

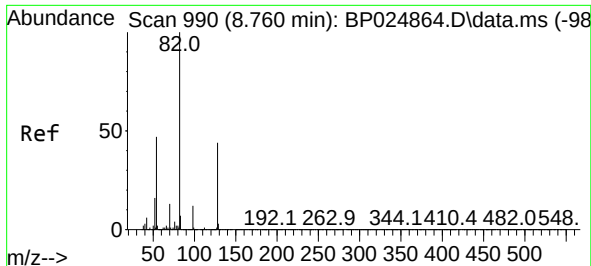


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

Tgt Ion: 136 Resp: 1134066

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.1	9.1
68	5.9	4.6	7.0

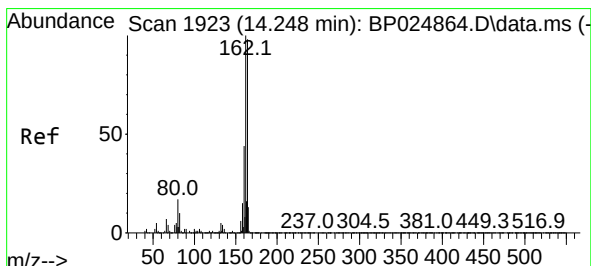
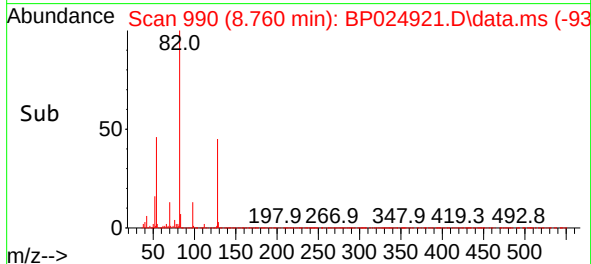
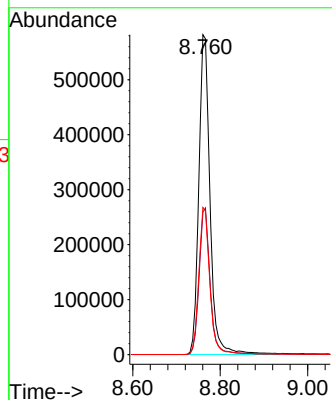
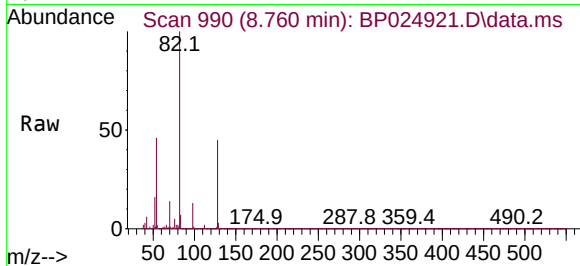




#23
Nitrobenzene-d5
Concen: 44.301 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

Tgt Ion: 82 Resp: 1033887

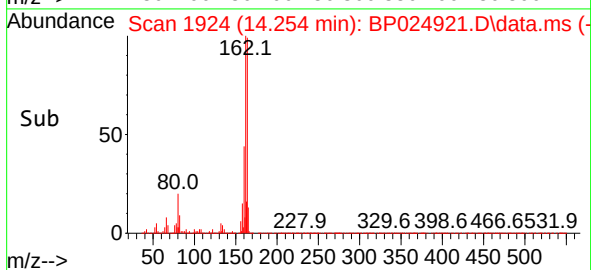
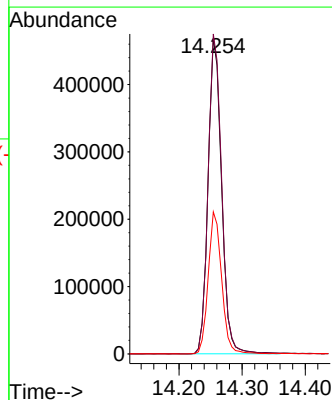
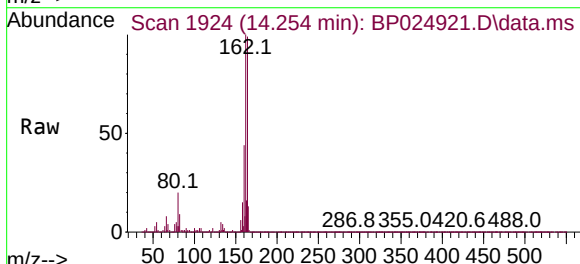
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	46.0	37.4	56.0

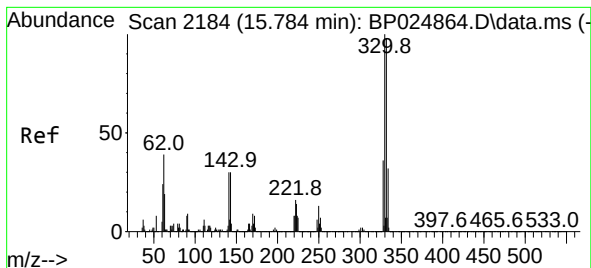


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

Tgt Ion:164 Resp: 697546

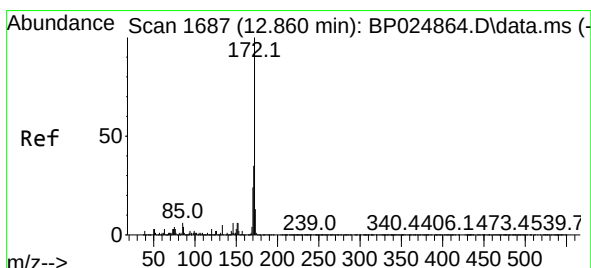
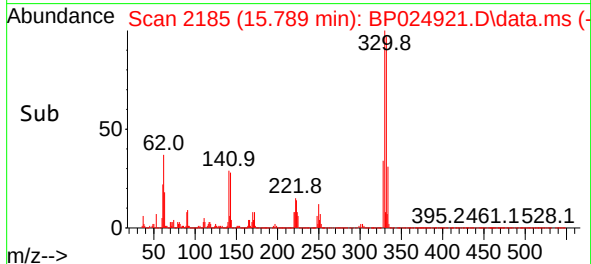
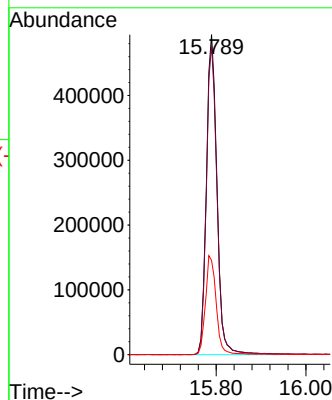
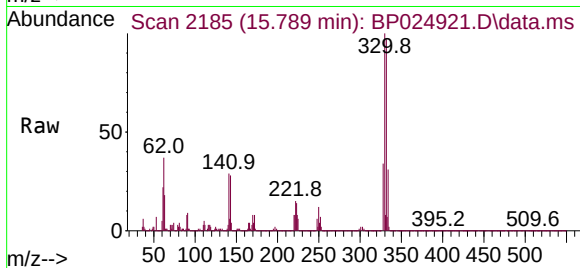
Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.6	122.4
160	45.0	36.2	54.2





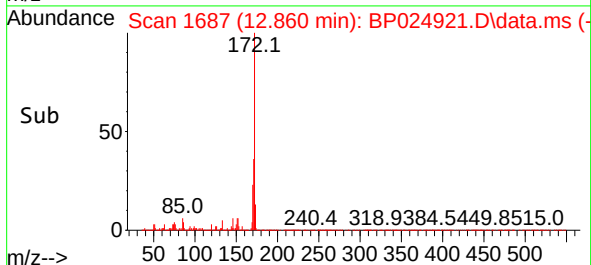
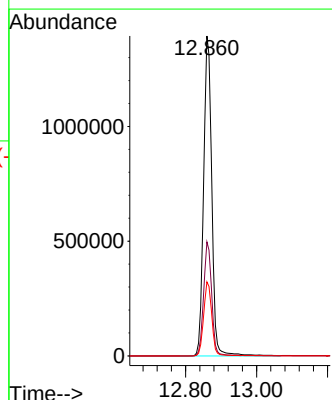
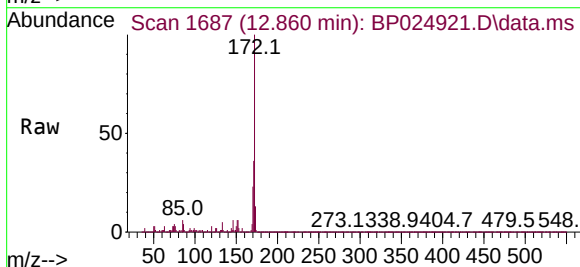
#42
2,4,6-Tribromophenol
Concen: 83.665 ng
RT: 15.789 min Scan# 2185
Delta R.T. 0.006 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

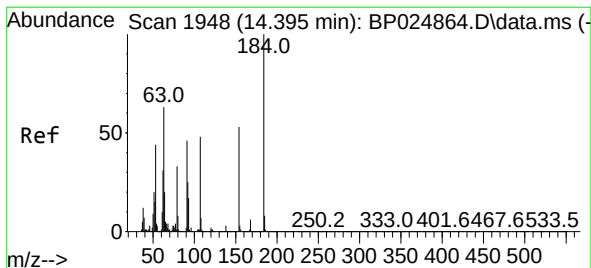
Tgt Ion: 330 Resp: 806858
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 31.2 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 42.646 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

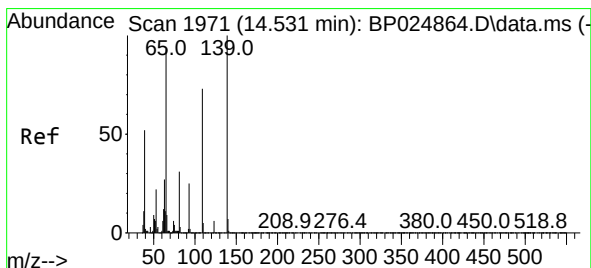
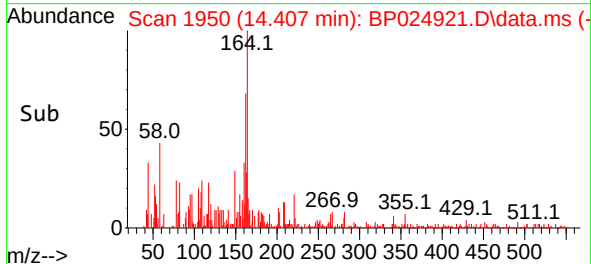
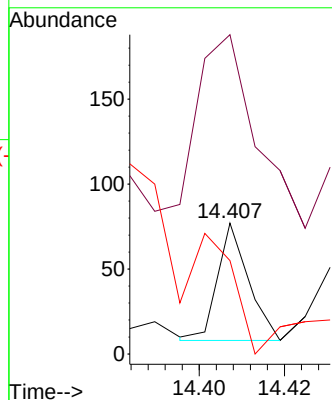
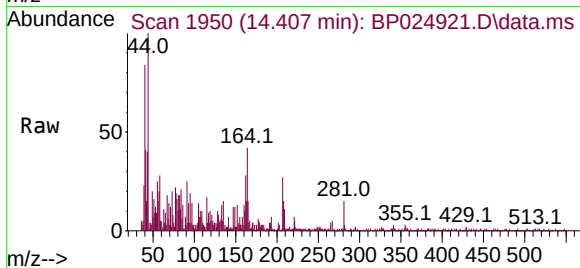
Tgt Ion: 172 Resp: 2208248
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.1 19.0 28.4





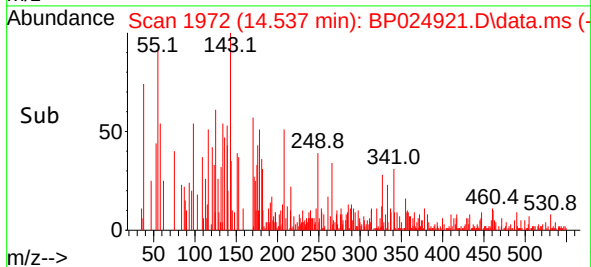
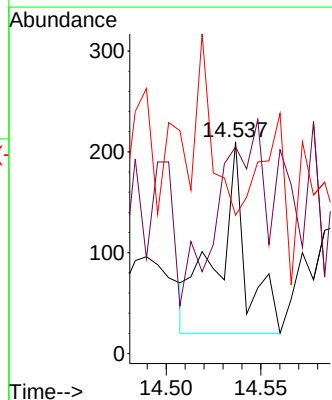
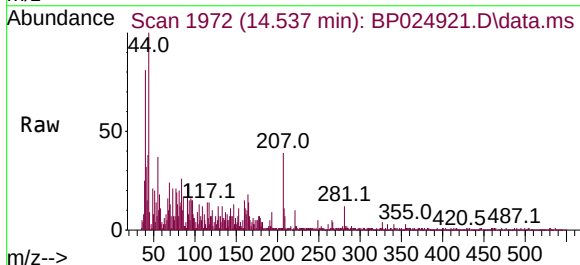
#54
2,4-Dinitrophenol
Concen: 5.568 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

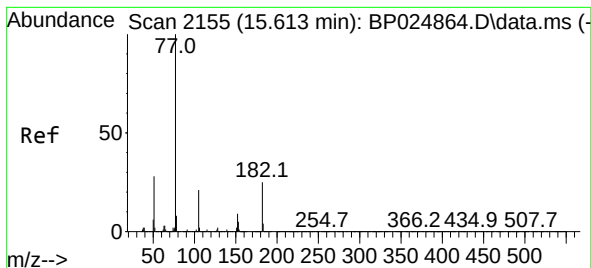
Tgt Ion:	184	Resp:	35
Ion	Ratio	Lower	Upper
184	100		
63	244.2	51.0	76.4#
154	71.4	51.7	77.5



#56
4-Nitrophenol
Concen: 5.428 ng
RT: 14.537 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

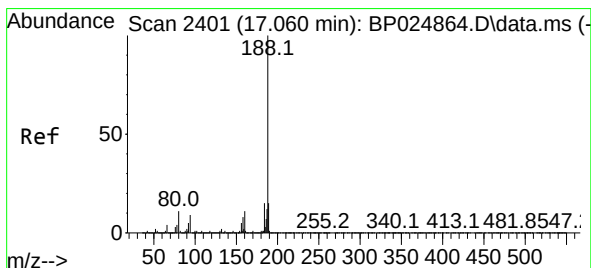
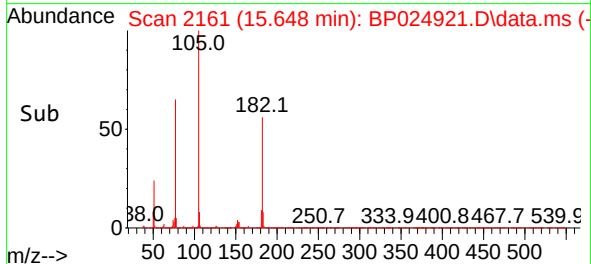
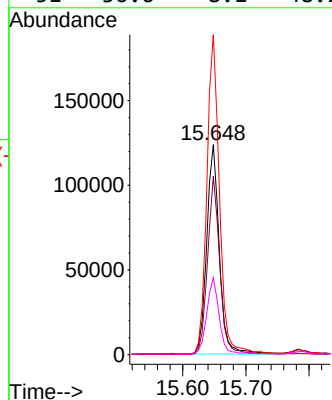
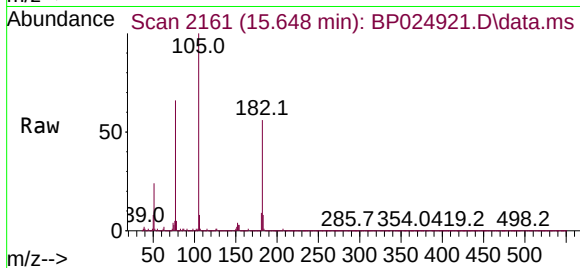
Tgt Ion:	139	Resp:	200
Ion	Ratio	Lower	Upper
139	100		
109	97.6	53.1	93.1#
65	65.2	73.0	113.0#





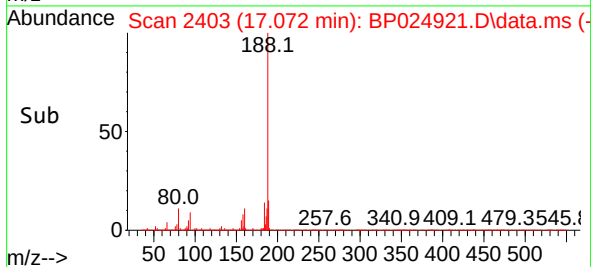
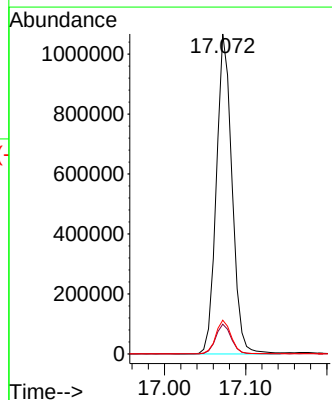
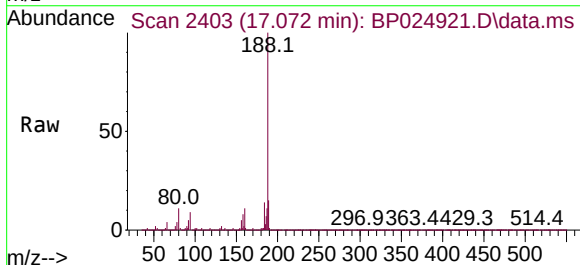
#63
Azobenzene
Concen: 3.647 ng
RT: 15.648 min Scan# 2161
Delta R.T. 0.035 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

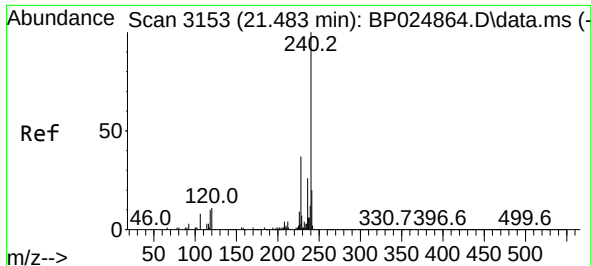
Tgt Ion	77	Resp	171523
Ion	Ratio	Lower	Upper
77	100		
182	84.9	5.4	45.4#
105	152.3	0.8	40.8#
51	36.6	8.1	48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.072 min Scan# 2403
Delta R.T. 0.012 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

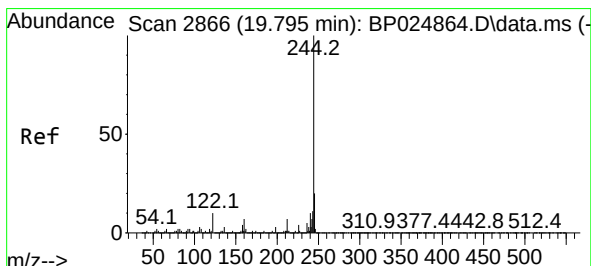
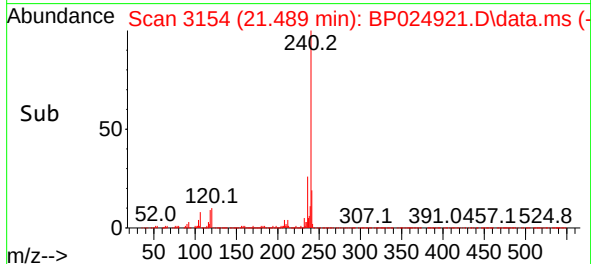
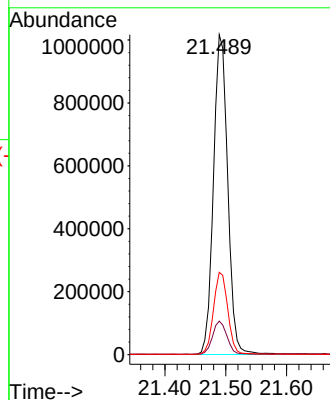
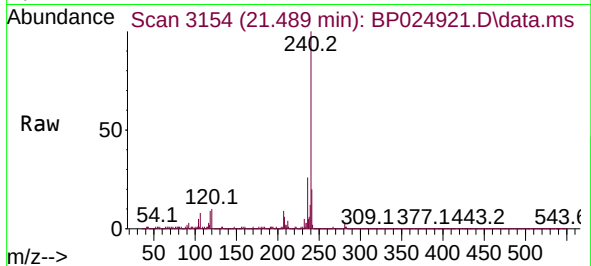
Tgt Ion	188	Resp	1429339
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.3	10.9
80	10.6	8.5	12.7





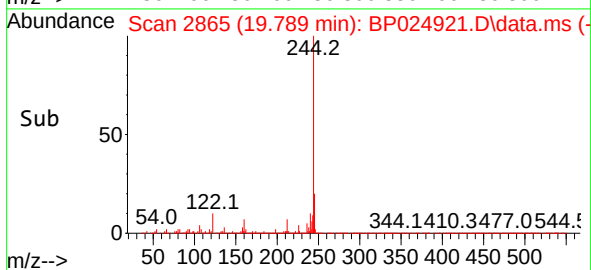
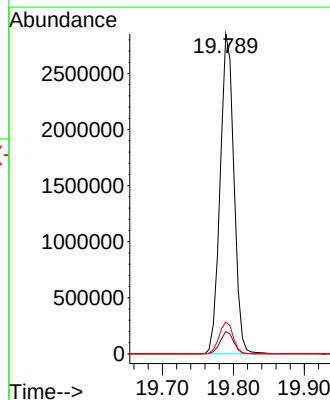
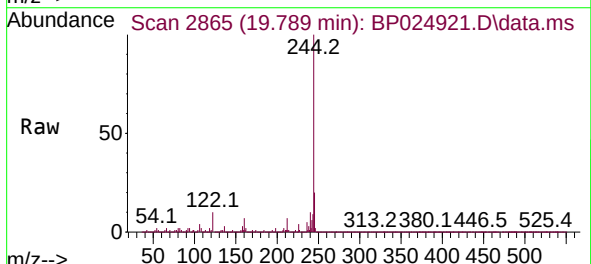
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

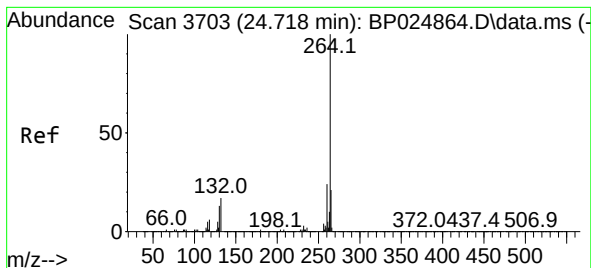
Tgt Ion:240 Resp: 1654777
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 41.830 ng
RT: 19.789 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

Tgt Ion:244 Resp: 3862168
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.0 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.047 min
Lab File: BP024921.D
Acq: 11 Jun 2025 21:11

Tgt Ion:264 Resp: 1994411

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.5	17.4	26.0

