

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024548.D
 Acq On : 06 May 2025 15:46
 Operator : RC/JU
 Sample : Q1937-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LARGE-PILE-D

Quant Time: May 06 16:58:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

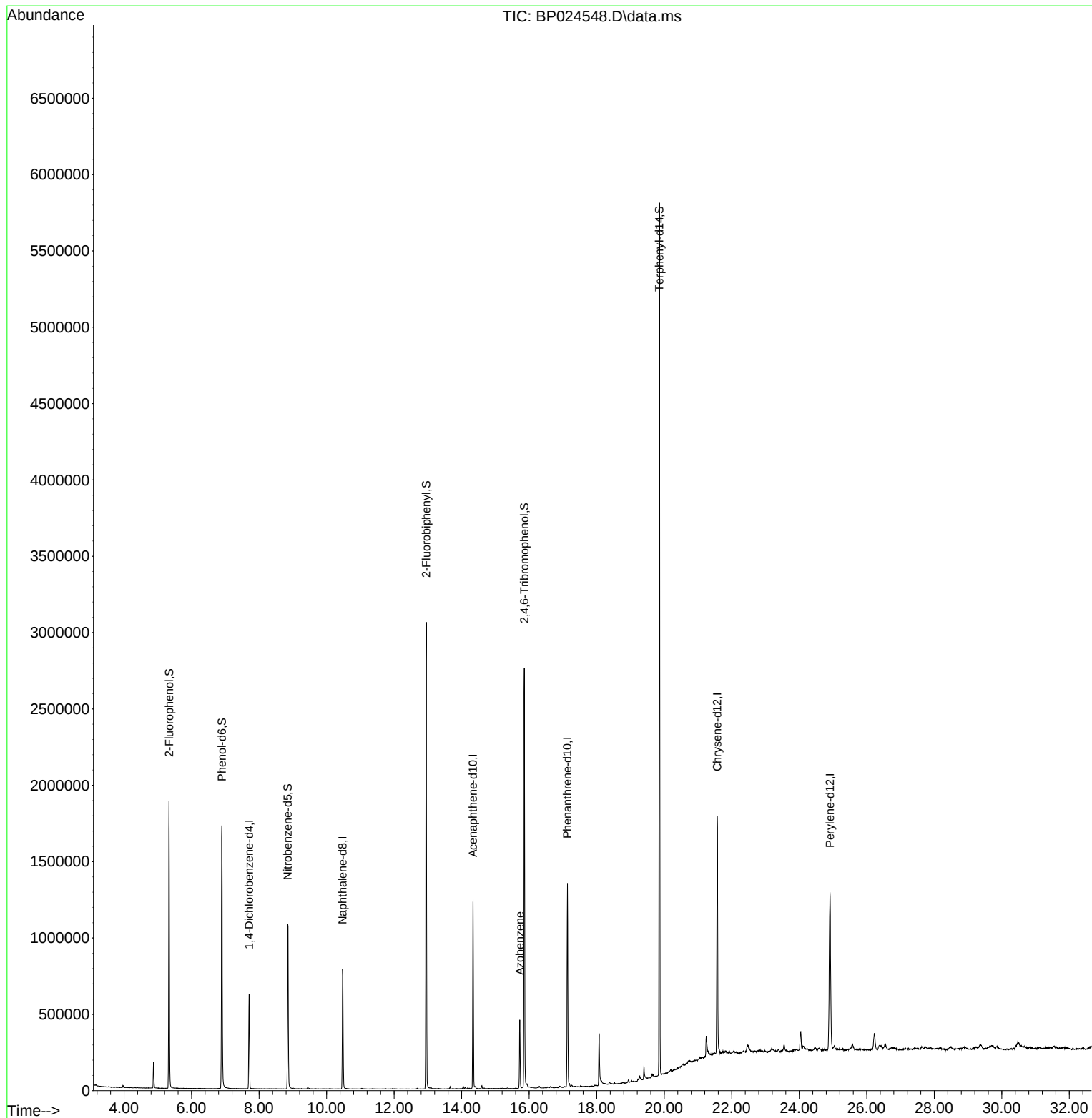
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	167576	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	684500	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	426463	20.000	ng	-0.02
64) Phenanthrene-d10	17.133	188	845765	20.000	ng	-0.01
76) Chrysene-d12	21.569	240	995531	20.000	ng	-0.02
86) Perylene-d12	24.910	264	1155366	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	831891	82.082	ng	-0.01
7) Phenol-d6	6.899	99	1066593	76.858	ng	-0.01
23) Nitrobenzene-d5	8.852	82	654974	54.562	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	577164	97.819	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1523267	54.689	ng	-0.01
79) Terphenyl-d14	19.857	244	2766375	56.010	ng	-0.02
Target Compounds						
63) Azobenzene	15.722	77	130276	4.435	ng	# 1

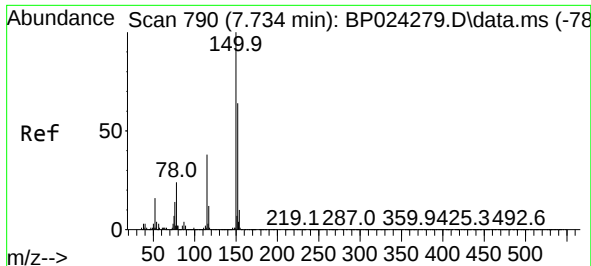
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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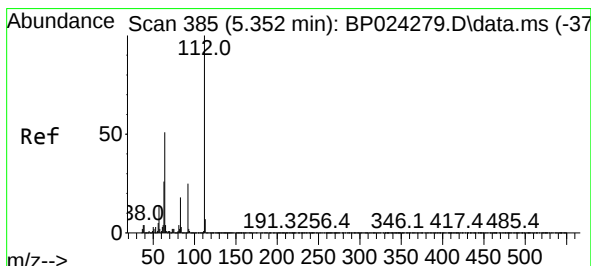
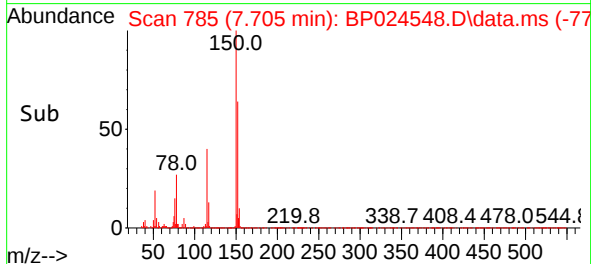
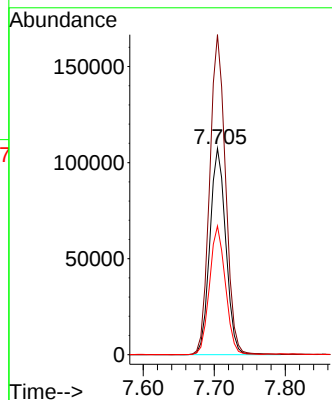
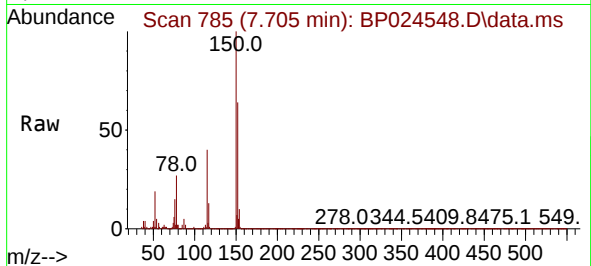




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 77
Delta R.T. -0.017 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

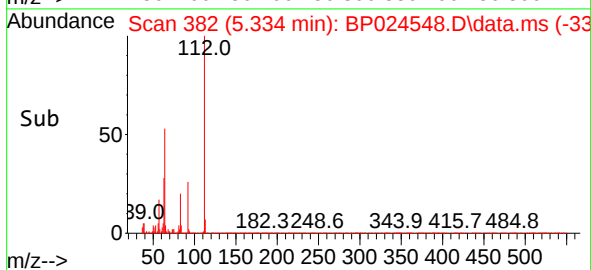
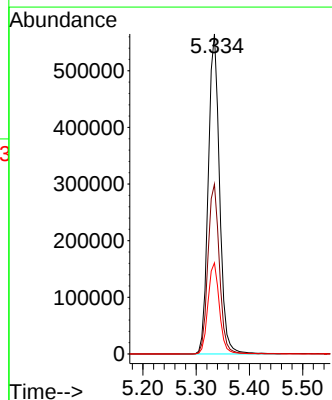
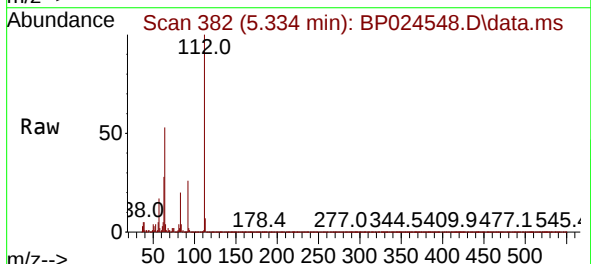
Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

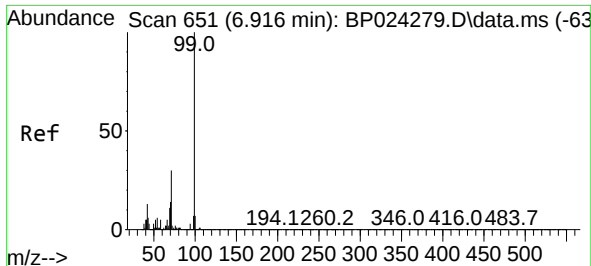
Tgt Ion:152 Resp: 167576
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 62.4 47.7 71.5



#5
2-Fluorophenol
Concen: 82.082 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:112 Resp: 831891
Ion Ratio Lower Upper
112 100
64 53.0 41.1 61.7
63 28.5 20.6 30.8

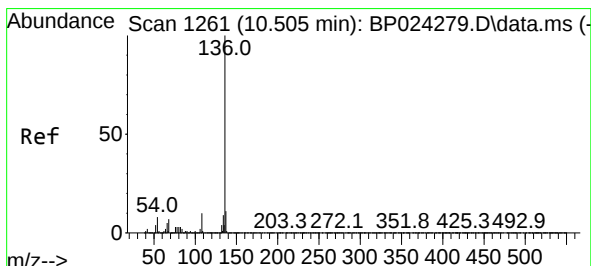
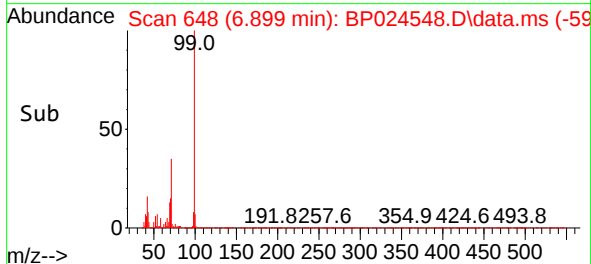
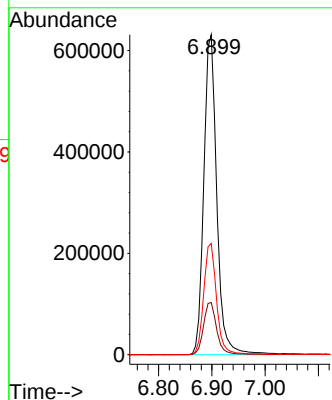
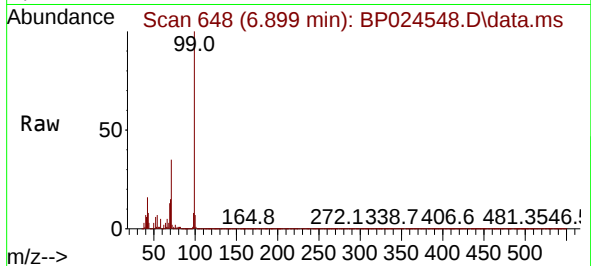




#7
Phenol-d6
Concen: 76.858 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

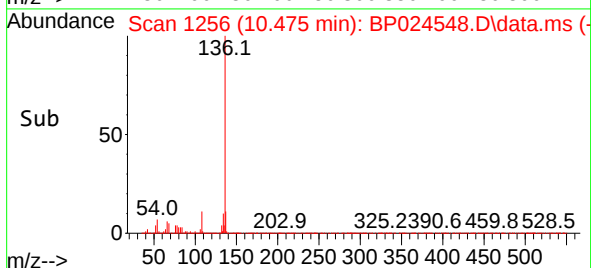
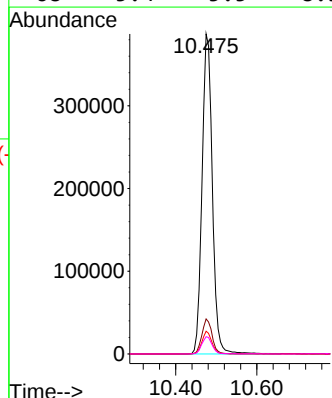
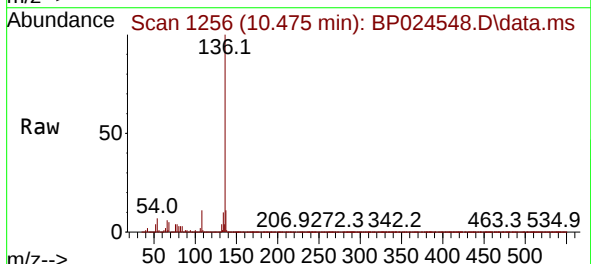
Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

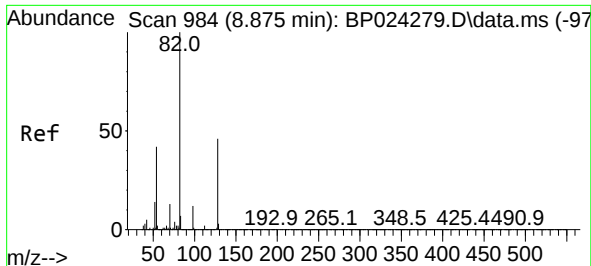
Tgt Ion: 99 Resp: 1066593
Ion Ratio Lower Upper
99 100
42 16.3 10.6 16.0#
71 34.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion: 136 Resp: 684500
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.1 6.0 9.0
68 5.4 5.5 8.3#

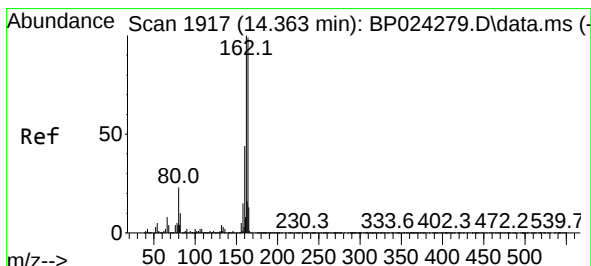
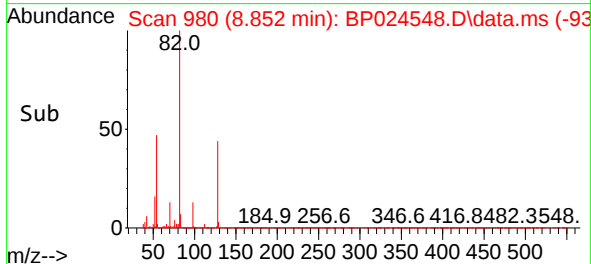
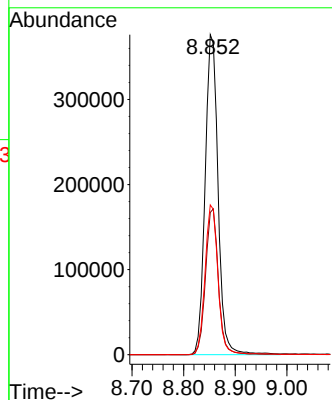
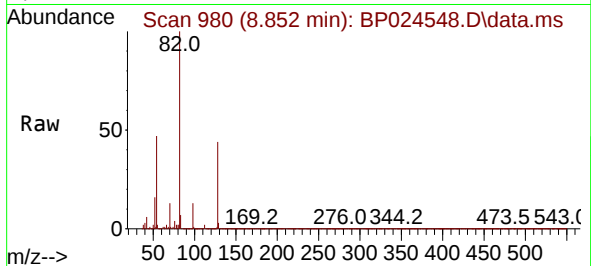




#23
Nitrobenzene-d5
Concen: 54.562 ng
RT: 8.852 min Scan# 912
Delta R.T. -0.018 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

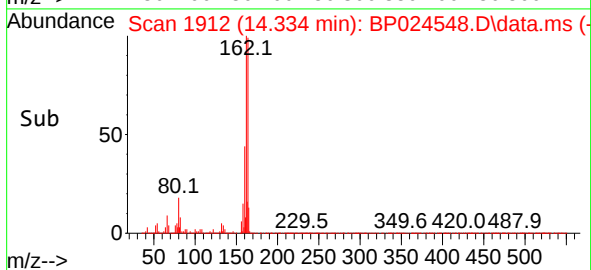
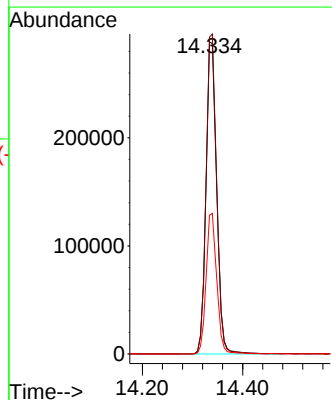
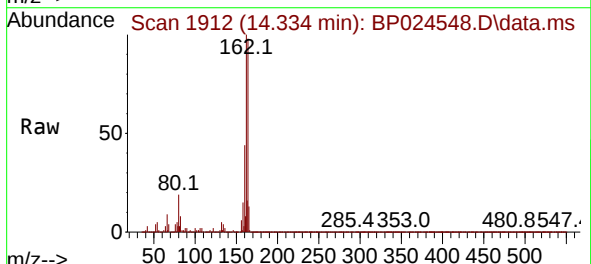
Instrument :
BNA_P
ClientSampleId :
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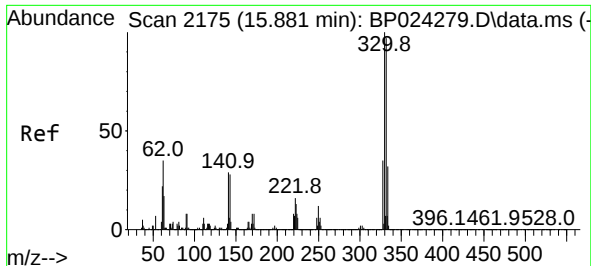
Tgt Ion: 82 Resp: 654974
Ion Ratio Lower Upper
82 100
128 44.5 36.5 54.7
54 46.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:164 Resp: 426463
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 44.5 35.3 52.9

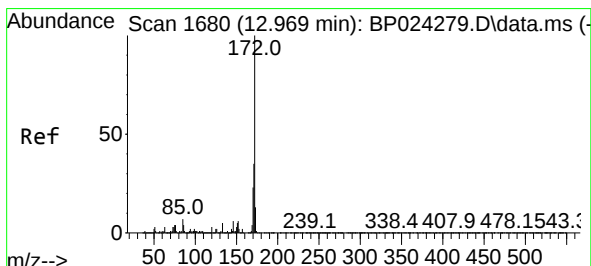
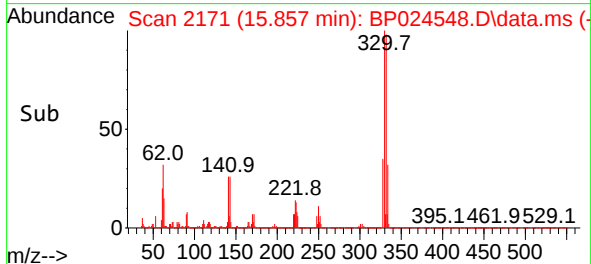
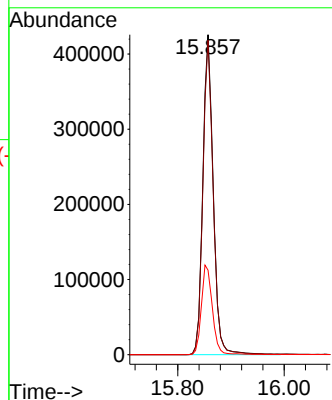
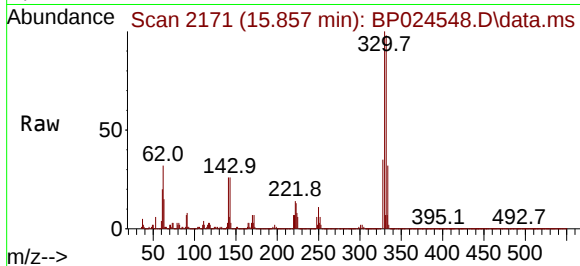




#42
2,4,6-Tribromophenol
Concen: 97.819 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

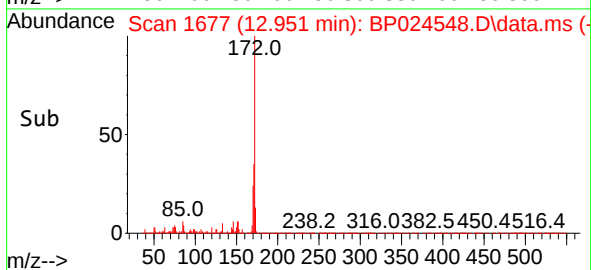
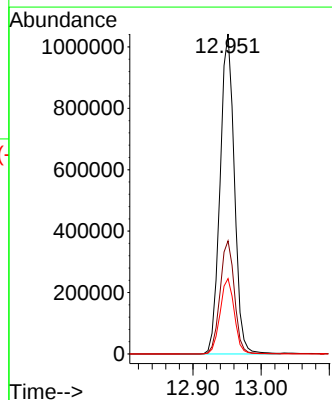
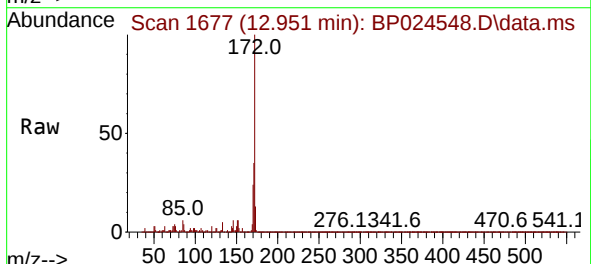
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BNA_P
ClientSampleId :
LARGE-PILE-D

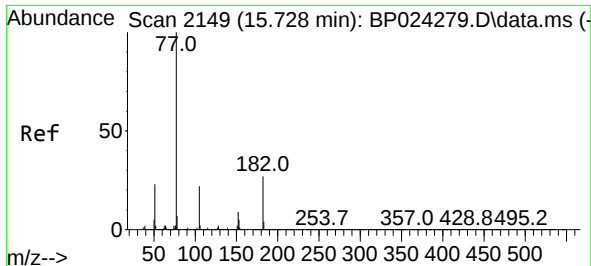
Tgt Ion:330 Resp: 577164
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 29.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 54.689 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:172 Resp: 1523267
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 18.6 27.8

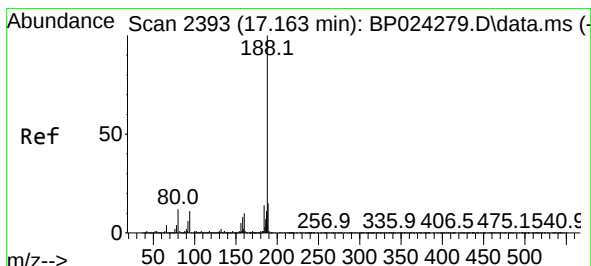
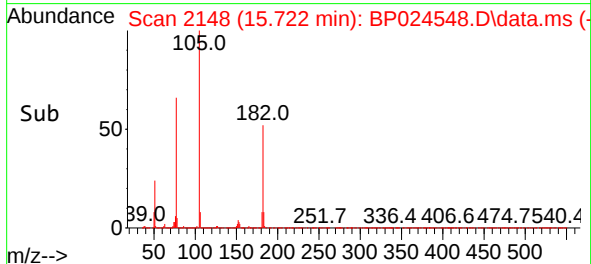
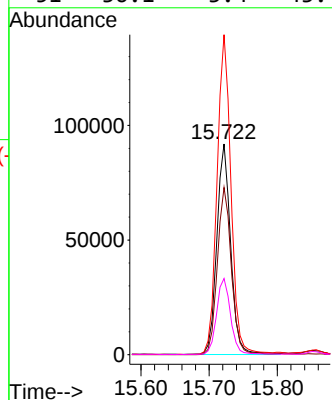
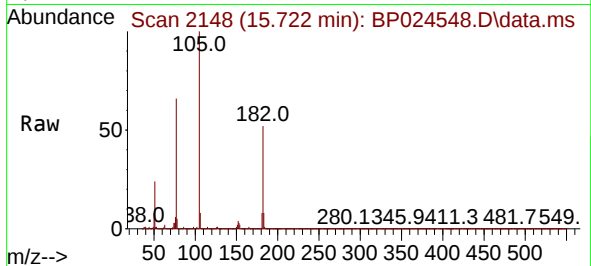




#63
Azobenzene
Concen: 4.435 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

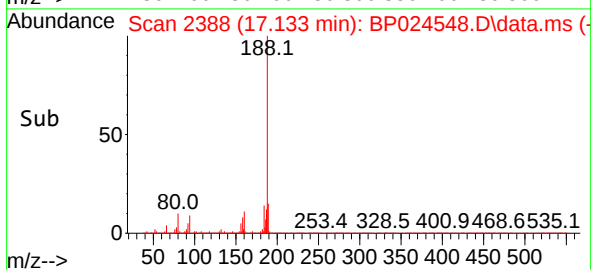
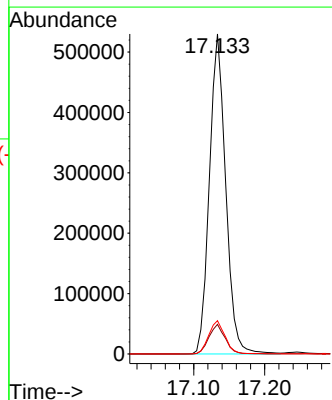
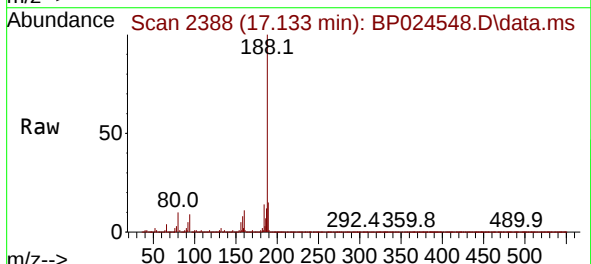
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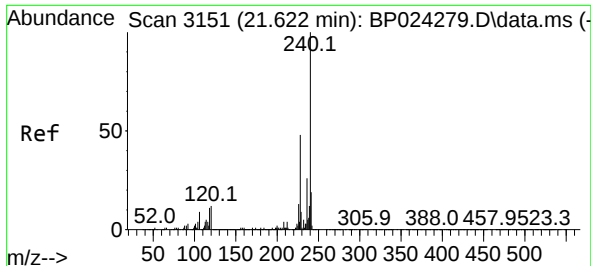
Tgt Ion: 77	Resp: 130276
Ion Ratio	Lower Upper
77 100	
182 79.3	7.3 47.3#
105 151.9	2.3 42.3#
51 36.1	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion: 188	Resp: 845765
Ion Ratio	Lower Upper
188 100	
94 9.3	8.6 13.0
80 10.4	9.8 14.6

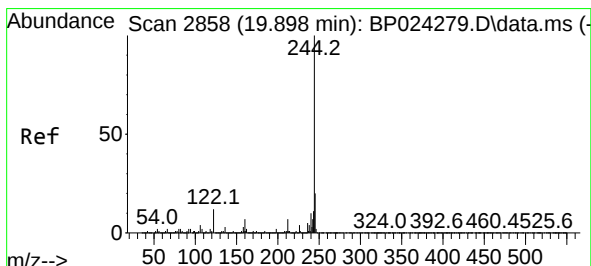
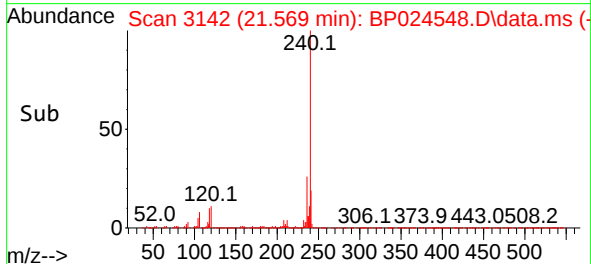
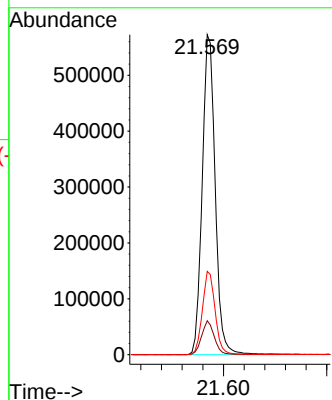
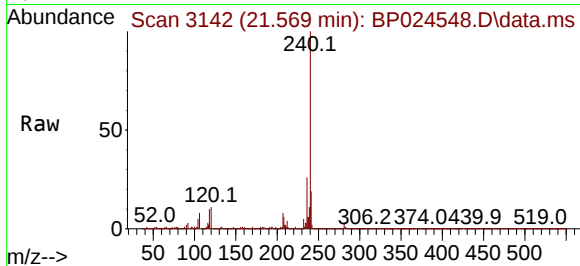




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3151
Delta R.T. -0.023 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

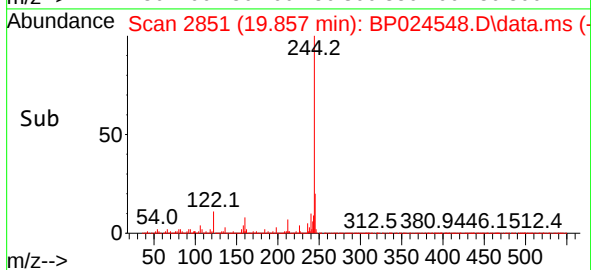
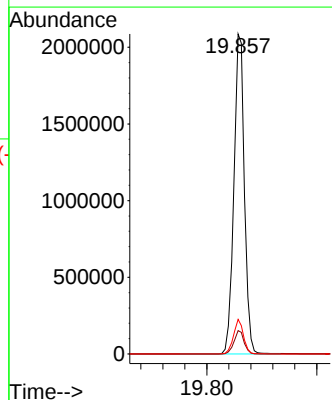
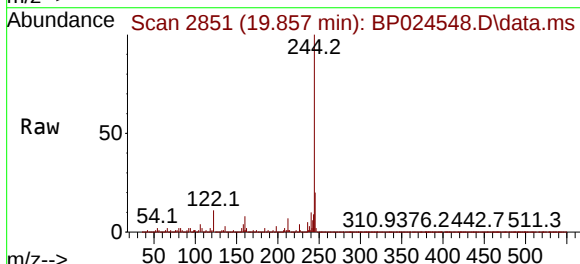
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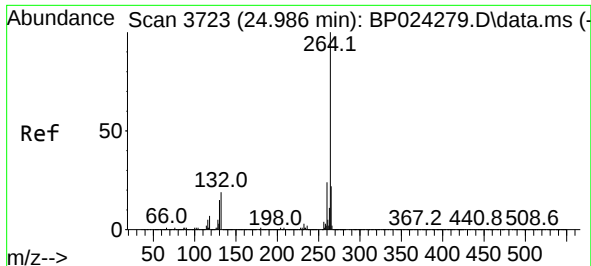
Tgt Ion:240 Resp: 995531
Ion Ratio Lower Upper
240 100
120 10.6 9.8 14.8
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 56.010 ng
RT: 19.857 min Scan# 2851
Delta R.T. -0.018 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:244 Resp: 2766375
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 10.8 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.910 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: BP024548.D
 Acq: 06 May 2025 15:46

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 1155366
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.0 17.8 26.6

