

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024549.D
 Acq On : 06 May 2025 16:27
 Operator : RC/JU
 Sample : Q1956-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB1-3-4

Quant Time: May 06 16:59:11 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)

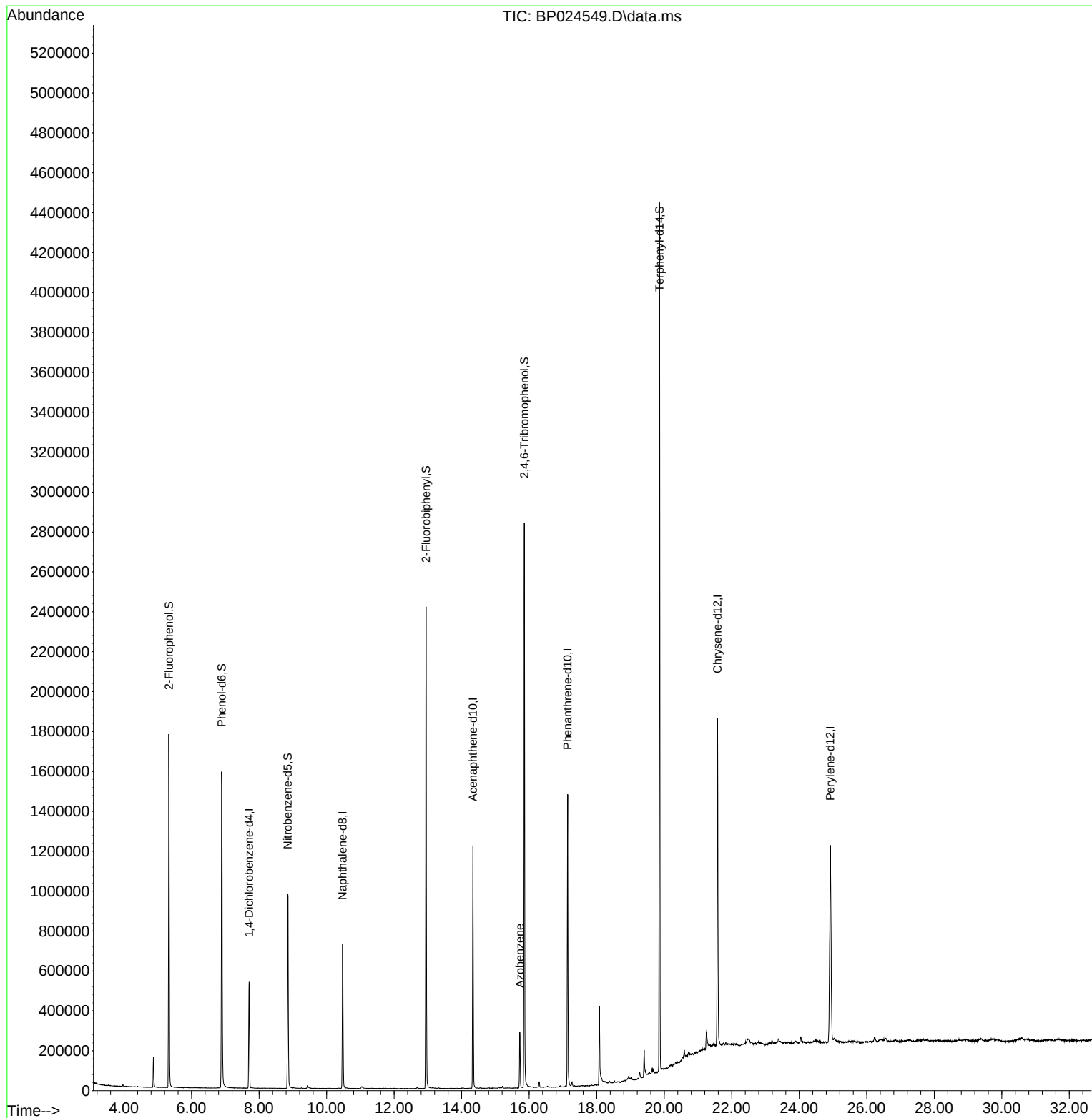
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	150689	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	615485	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	391349	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	806215	20.000	ng	0.00
76) Chrysene-d12	21.580	240	922966	20.000	ng	-0.01
86) Perylene-d12	24.921	264	1084079	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	774423	84.975	ng	-0.02
7) Phenol-d6	6.893	99	1005342	80.562	ng	-0.02
23) Nitrobenzene-d5	8.851	82	598050	55.406	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	558248	103.102	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	1199276	46.920	ng	-0.02
79) Terphenyl-d14	19.863	244	2044222	44.643	ng	-0.01
Target Compounds						
63) Azobenzene	15.722	77	85630	3.177	ng	Qvalue # 1

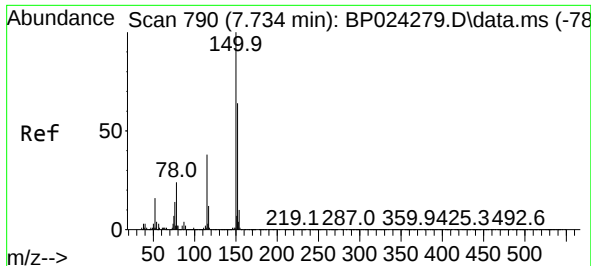
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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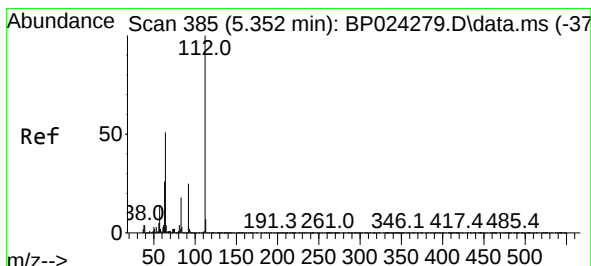
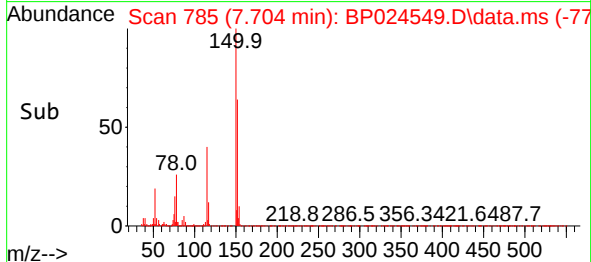
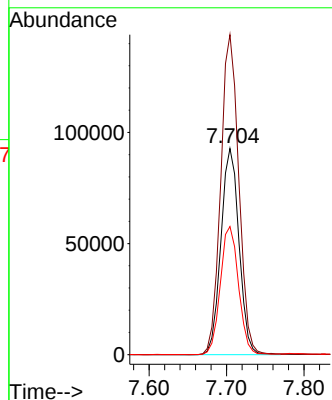
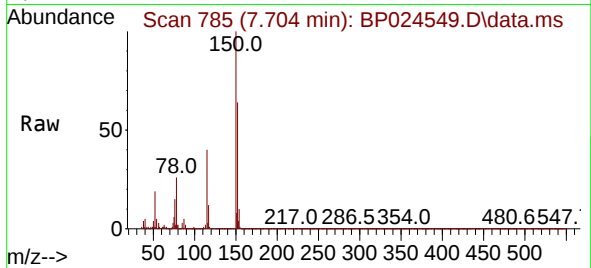




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.704 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BP024549.D
 Acq: 06 May 2025 16:27

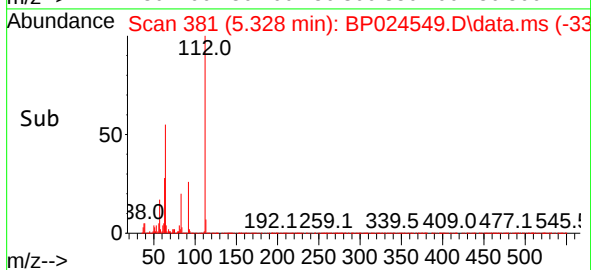
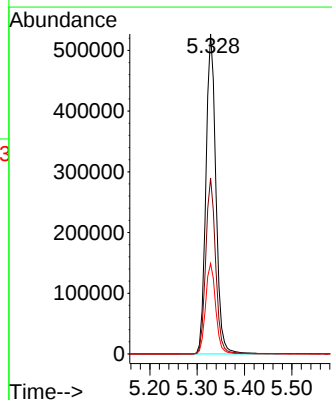
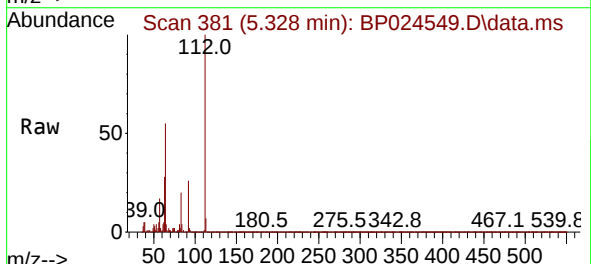
Instrument :
 BNA_P
 ClientSampleId :
 SB1-3-4

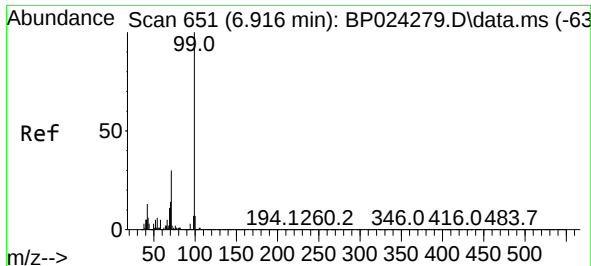
Tgt Ion:152 Resp: 150689
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.9 187.3
 115 62.1 47.7 71.5



#5
 2-Fluorophenol
 Concen: 84.975 ng
 RT: 5.328 min Scan# 381
 Delta R.T. -0.018 min
 Lab File: BP024549.D
 Acq: 06 May 2025 16:27

Tgt Ion:112 Resp: 774423
 Ion Ratio Lower Upper
 112 100
 64 55.0 41.1 61.7
 63 28.2 20.6 30.8

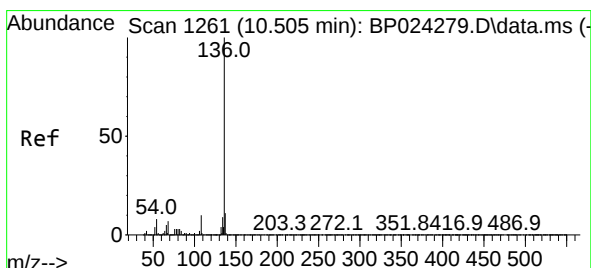
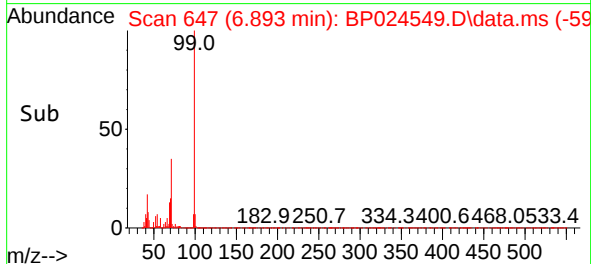
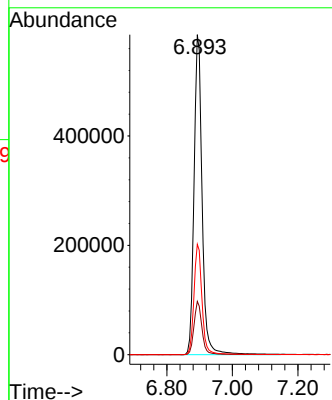
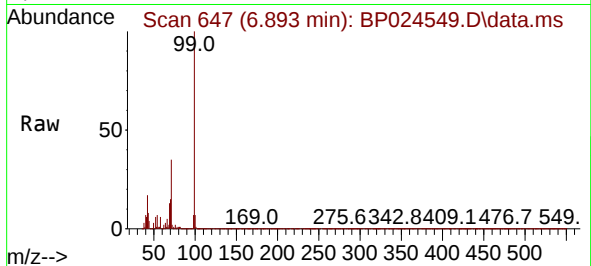




#7
Phenol-d6
Concen: 80.562 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

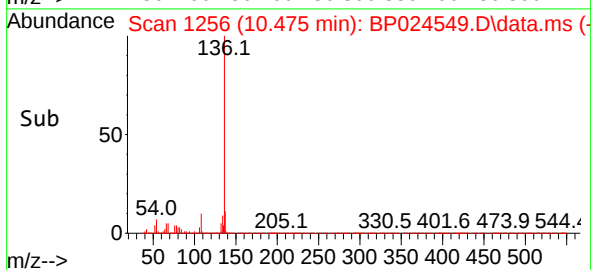
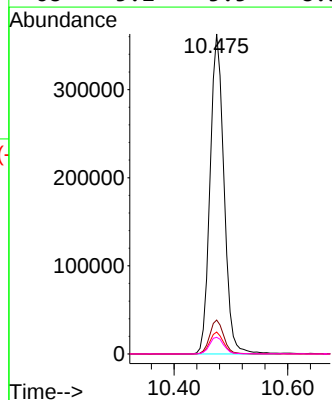
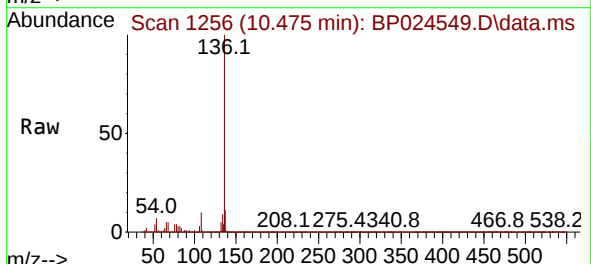
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BNA_P
ClientSampleId :
SB1-3-4

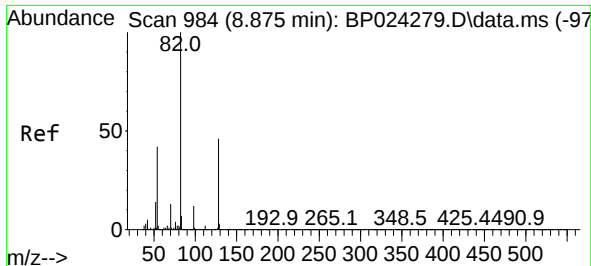
Tgt Ion: 99 Resp: 1005342
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 34.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion: 136 Resp: 615485
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 6.9 6.0 9.0
68 5.2 5.5 8.3#

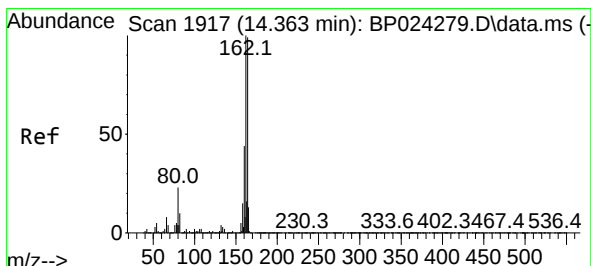
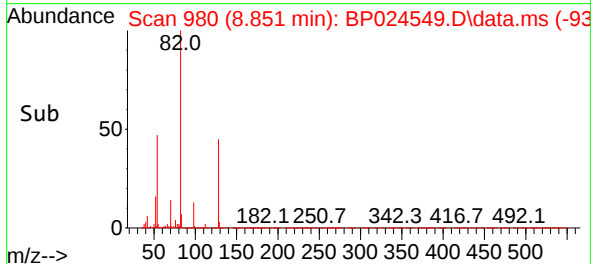
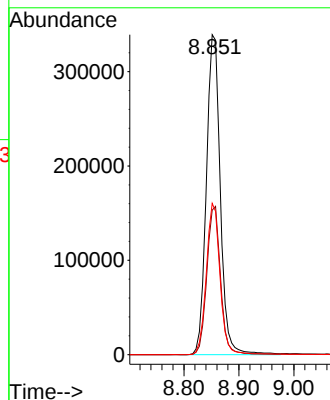
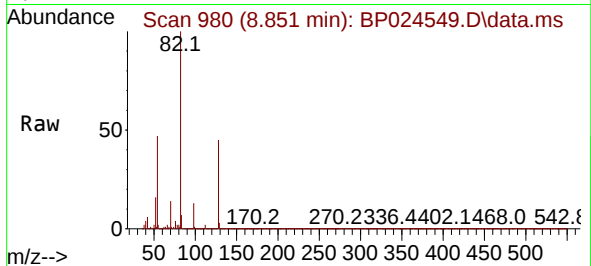




#23
Nitrobenzene-d5
Concen: 55.406 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

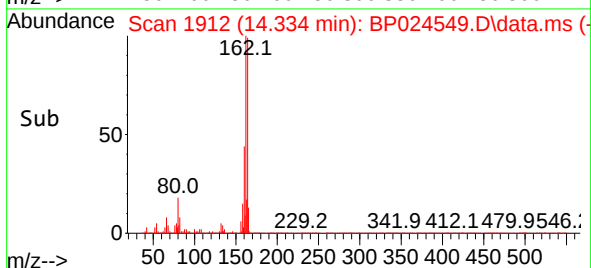
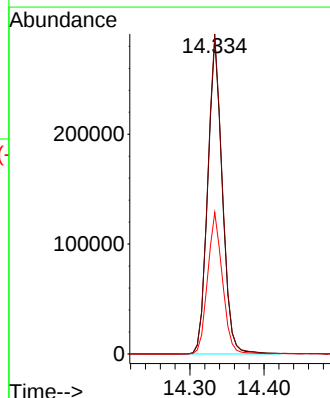
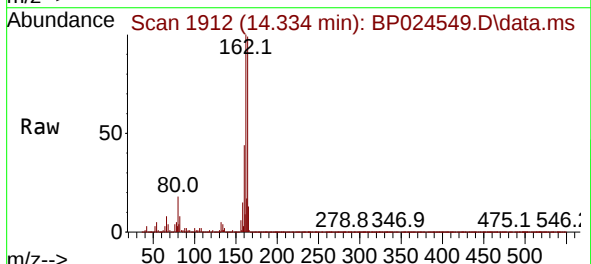
Instrument :
BNA_P
ClientSampleId :
SB1-3-4

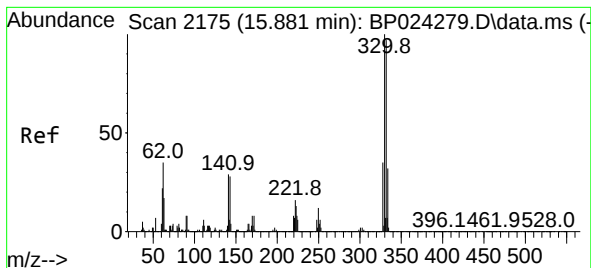
Tgt Ion: 82 Resp: 598050
Ion Ratio Lower Upper
82 100
128 45.2 36.5 54.7
54 47.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion:164 Resp: 391349
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 103.102 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024549.D

Acq: 06 May 2025 16:27

Instrument :

BNA_P

ClientSampleId :

SB1-3-4

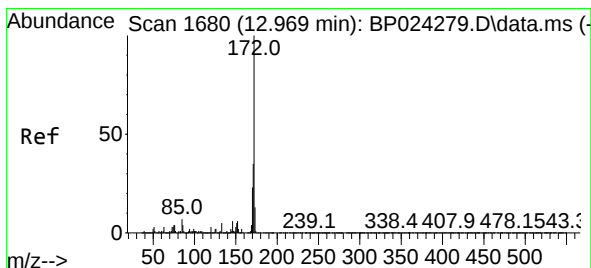
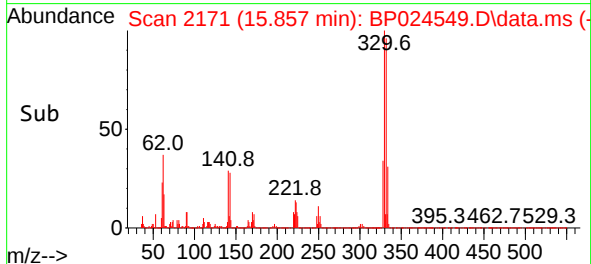
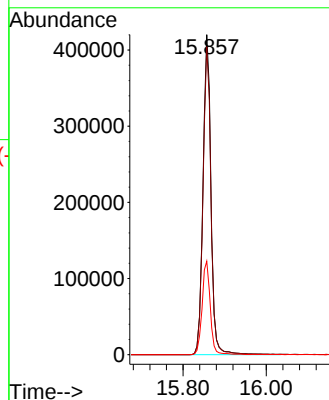
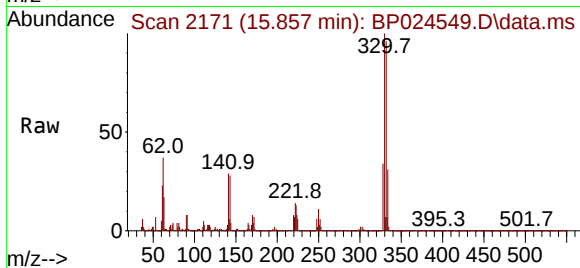
Tgt Ion:330 Resp: 558248

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 30.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 46.920 ng

RT: 12.945 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024549.D

Acq: 06 May 2025 16:27

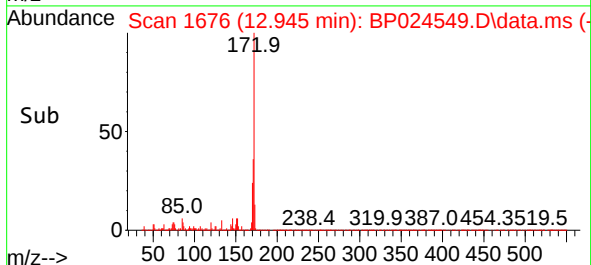
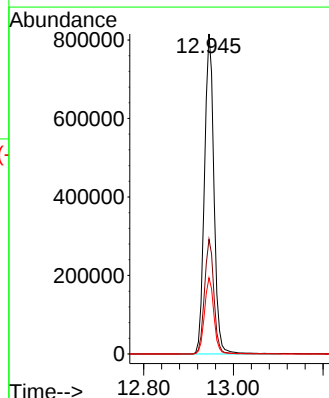
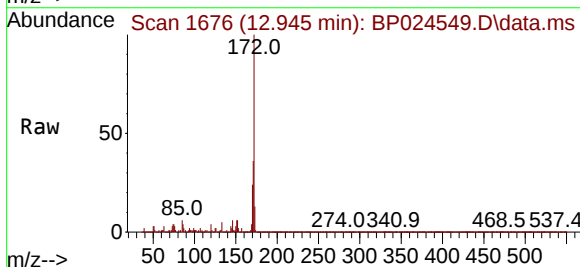
Tgt Ion:172 Resp: 1199276

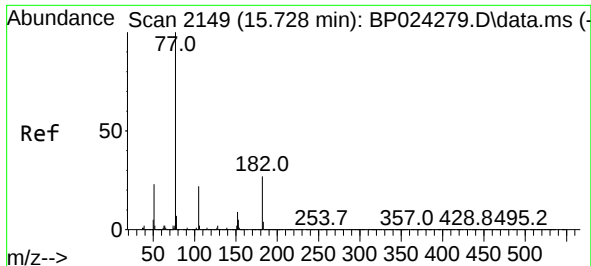
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.8 18.6 27.8

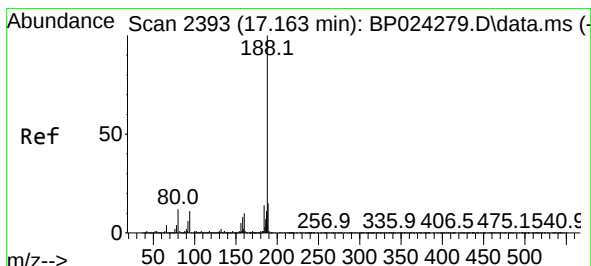
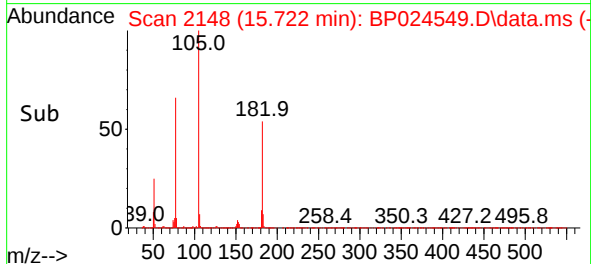
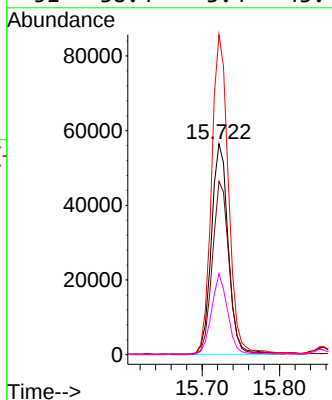
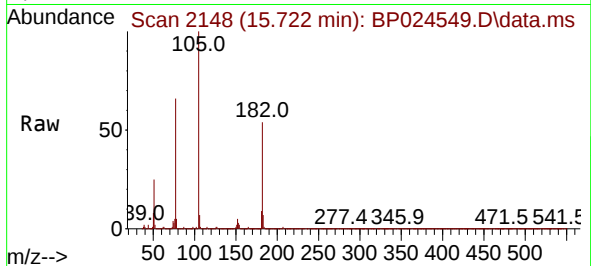




#63
Azobenzene
Concen: 3.177 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

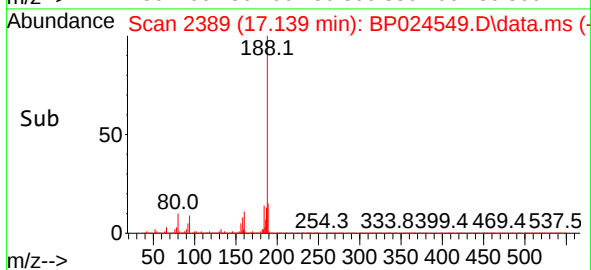
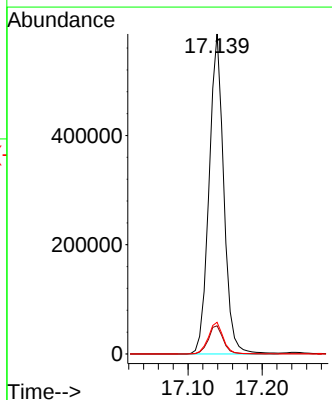
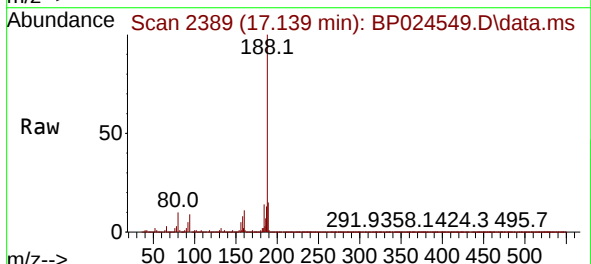
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SB1-3-4

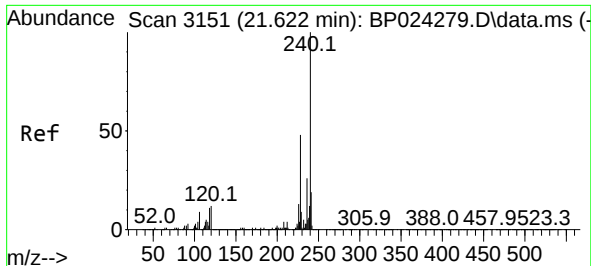
Tgt Ion: 77	Resp: 85630
Ion Ratio	Lower Upper
77 100	
182 82.2	7.3 47.3#
105 151.8	2.3 42.3#
51 38.4	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion: 188	Resp: 806215
Ion Ratio	Lower Upper
188 100	
94 8.8	8.6 13.0
80 9.9	9.8 14.6

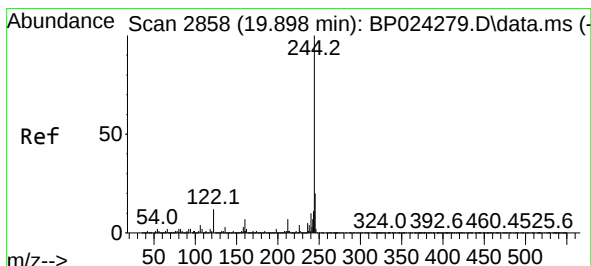
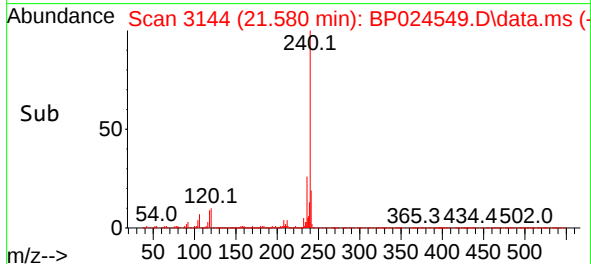
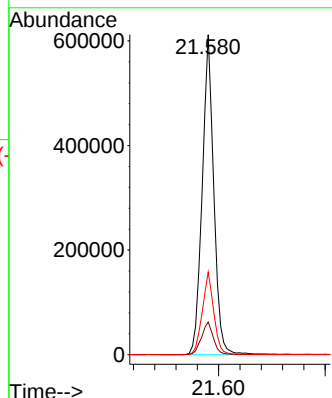
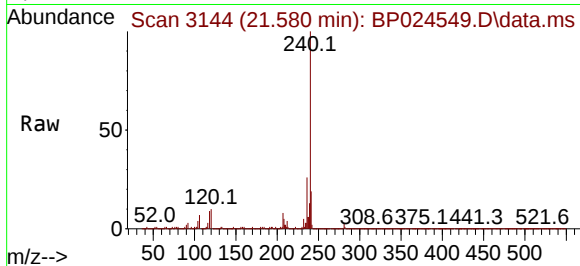




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

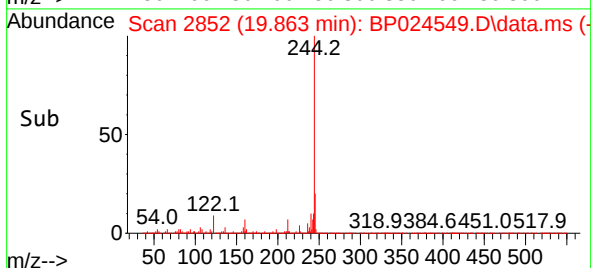
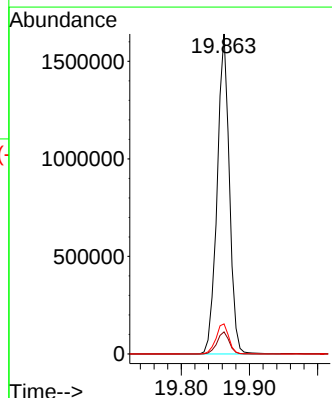
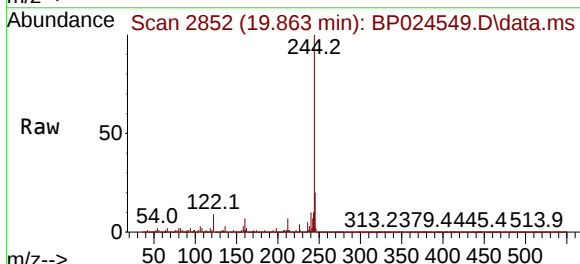
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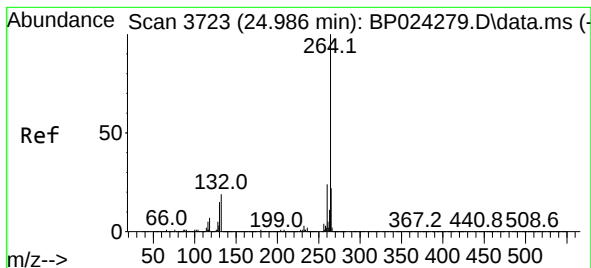
Tgt Ion:240 Resp: 922966
Ion Ratio Lower Upper
240 100
120 10.2 9.8 14.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 44.643 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.012 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion:244 Resp: 2044222
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 9.4 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024549.D

Acq: 06 May 2025 16:27

Instrument :

BNA_P

ClientSampleId :

SB1-3-4

Tgt Ion:264 Resp: 1084079

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.2 17.8 26.6

