

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024507.D
 Acq On : 02 May 2025 13:35
 Operator : RC/JU
 Sample : Q1916-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-12

Quant Time: May 02 13:54:30 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)

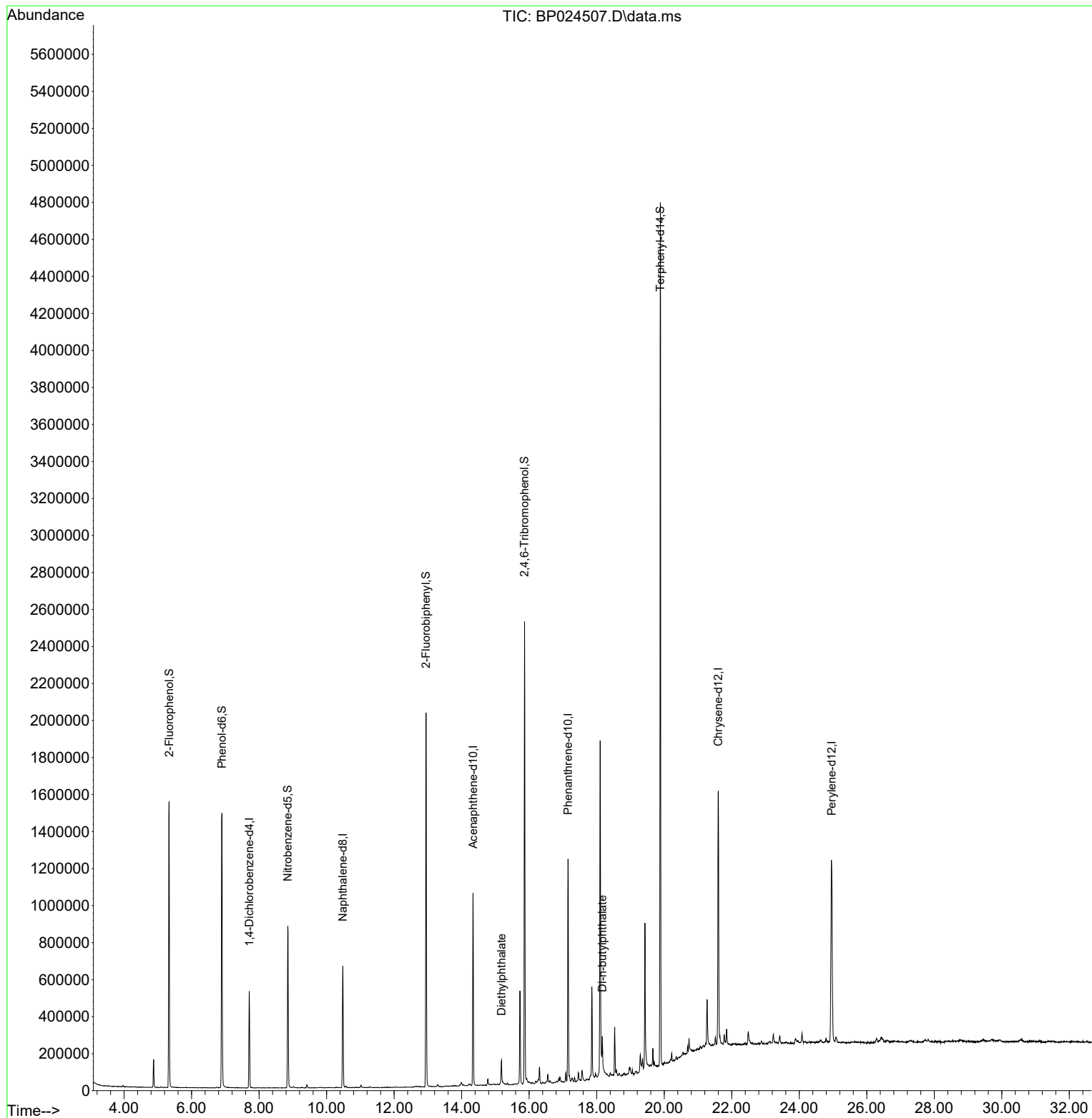
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	143015	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	562893	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	360790	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	727288	20.000	ng	0.00
76) Chrysene-d12	21.604	240	863400	20.000	ng	# 0.01
86) Perylene-d12	24.957	264	1018141	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	676269	78.186	ng	-0.01
7) Phenol-d6	6.899	99	912206	77.021	ng	-0.01
23) Nitrobenzene-d5	8.852	82	494204	50.063	ng	-0.02
42) 2,4,6-Tribromophenol	15.863	330	521741	104.521	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1051421	44.620	ng	-0.02
79) Terphenyl-d14	19.886	244	2404329	56.130	ng	0.01
Target Compounds						
60) Diethylphthalate	15.181	149	104363	3.860	ng	99
74) Di-n-butylphthalate	18.169	149	126659	2.721	ng	99

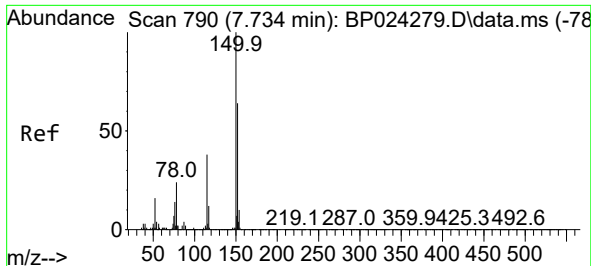
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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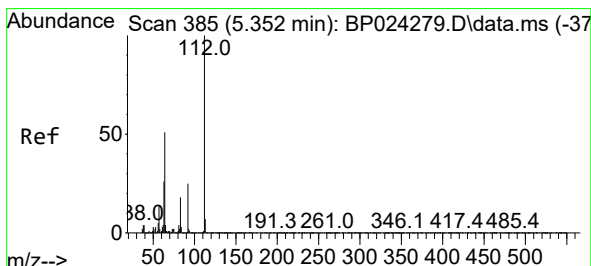
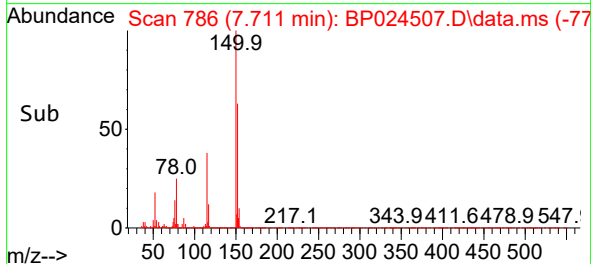
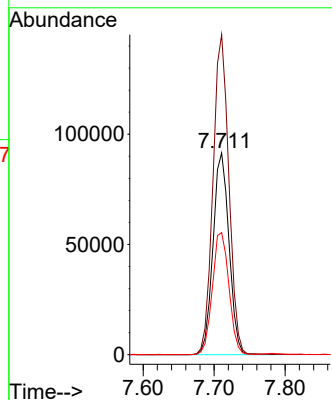
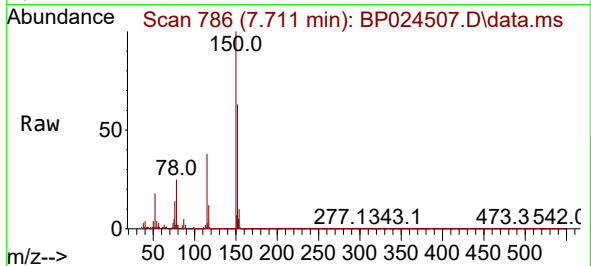




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024507.D
Acq: 02 May 2025 13:35

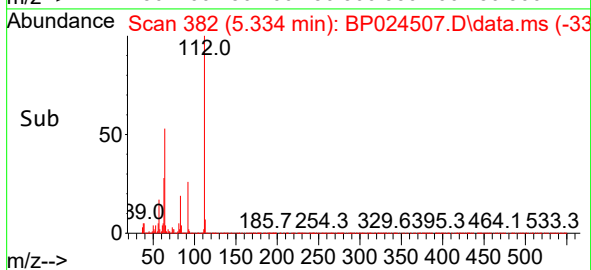
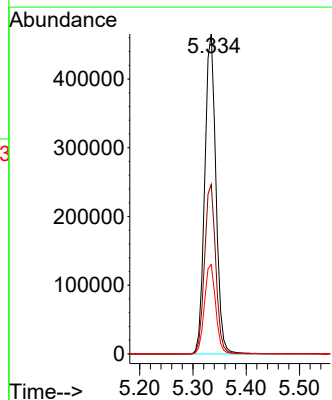
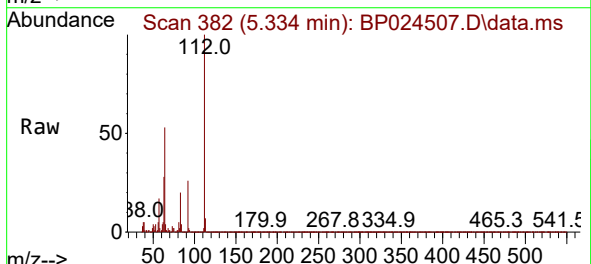
Instrument :
BNA_P
ClientSampleId :
WC-12

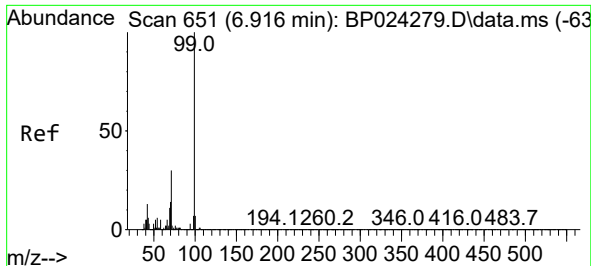
Tgt Ion:152 Resp: 143015
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 60.5 47.7 71.5



#5
2-Fluorophenol
Concen: 78.186 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024507.D
Acq: 02 May 2025 13:35

Tgt Ion:112 Resp: 676269
Ion Ratio Lower Upper
112 100
64 52.9 41.1 61.7
63 27.9 20.6 30.8

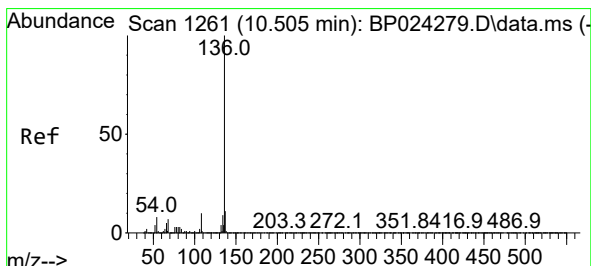
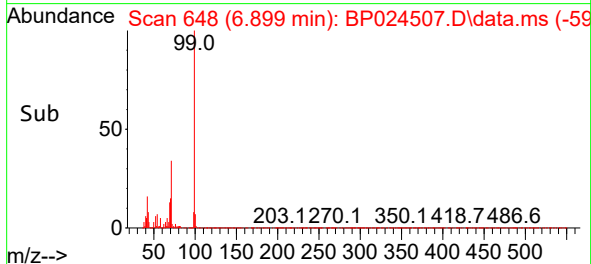
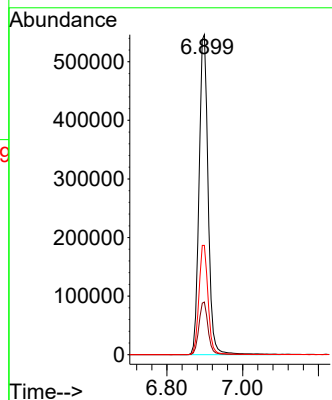
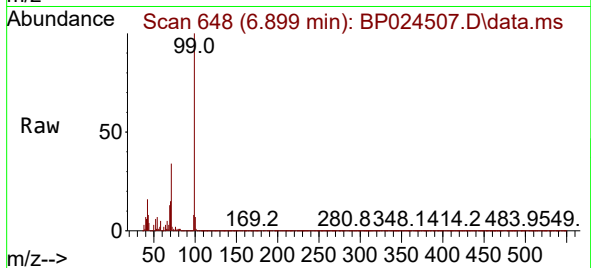




#7
Phenol-d6
Concen: 77.021 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024507.D
Acq: 02 May 2025 13:35

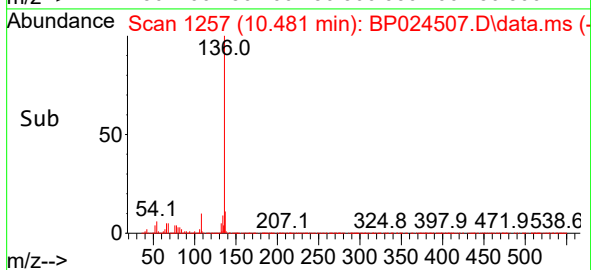
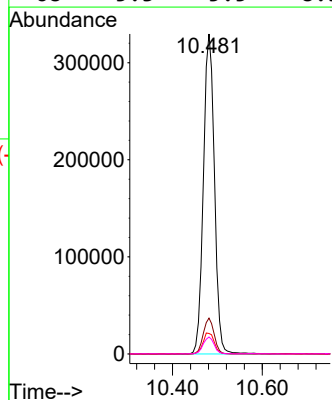
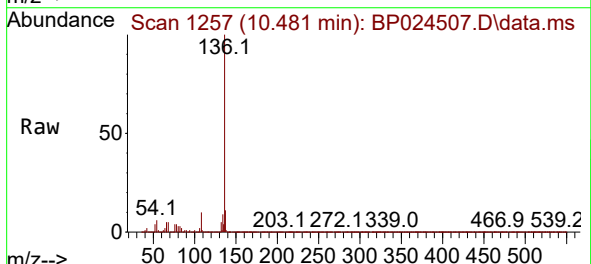
Instrument :
BNA_P
ClientSampleId :
WC-12

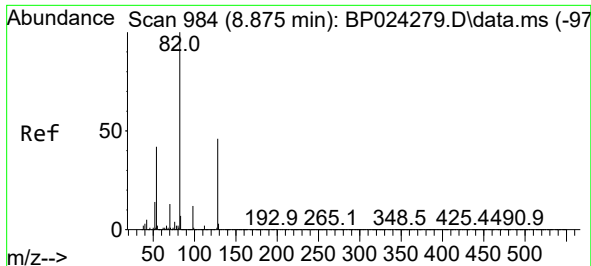
Tgt Ion: 99 Resp: 912206
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 34.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.017 min
Lab File: BP024507.D
Acq: 02 May 2025 13:35

Tgt Ion:136 Resp: 562893
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.4 6.0 9.0
68 5.3 5.5 8.3#

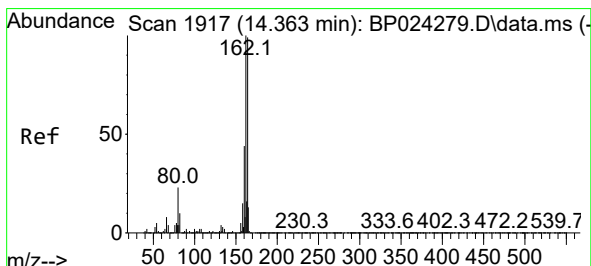
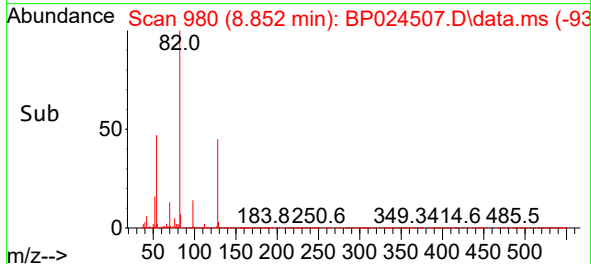
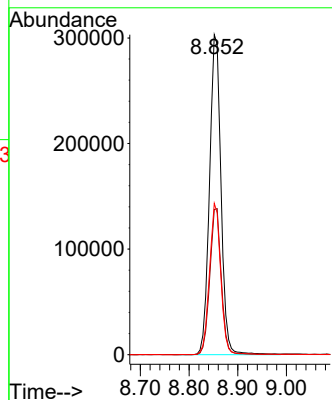
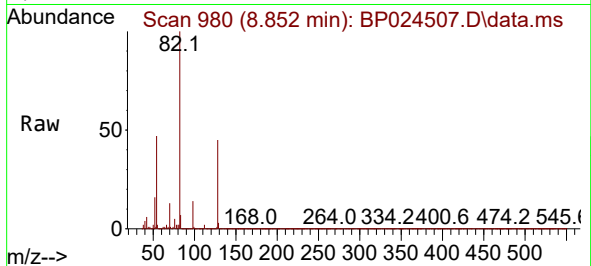




#23
Nitrobenzene-d5
Concen: 50.063 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024507.D
Acq: 02 May 2025 13:35

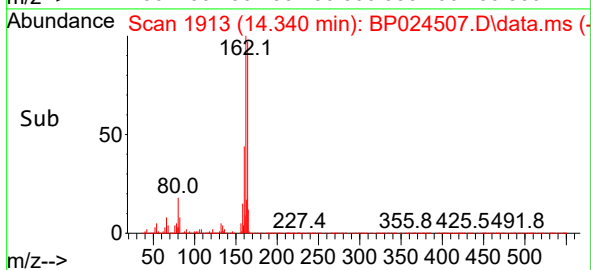
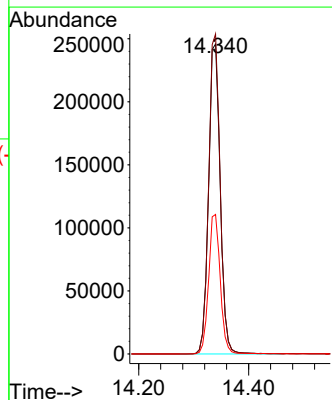
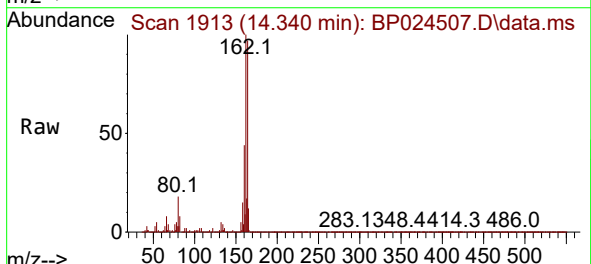
Instrument :
BNA_P
ClientSampleId :
WC-12

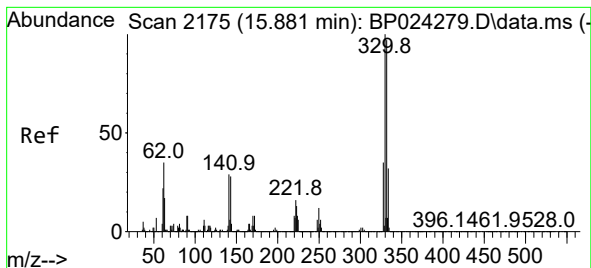
Tgt Ion: 82 Resp: 494204
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 47.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024507.D
Acq: 02 May 2025 13:35

Tgt Ion: 164 Resp: 360790
Ion Ratio Lower Upper
164 100
162 103.3 80.6 120.8
160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 104.521 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024507.D

Acq: 02 May 2025 13:35

Instrument :

BNA_P

ClientSampleId :

WC-12

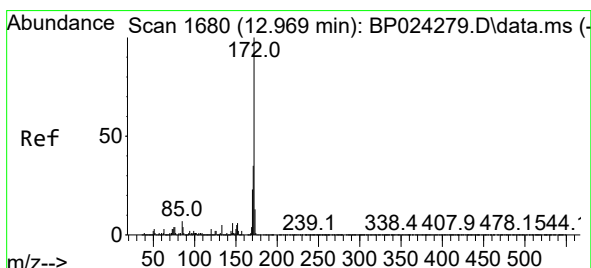
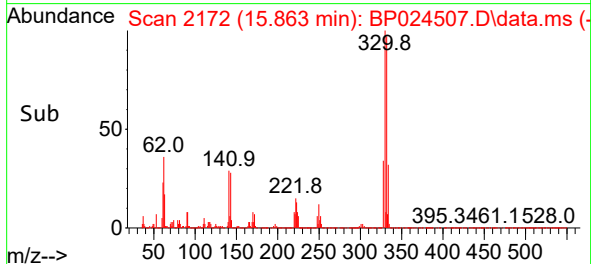
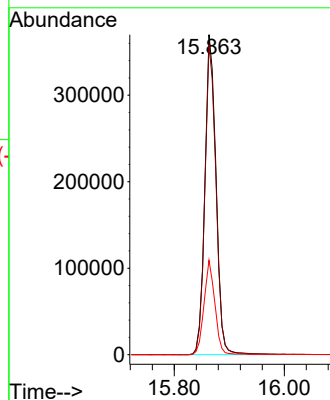
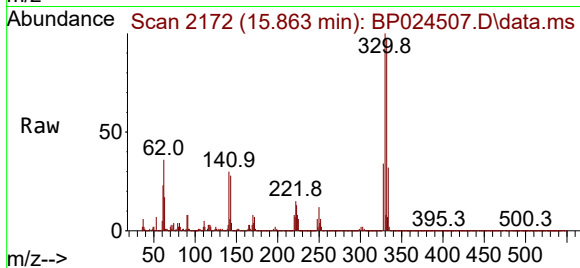
Tgt Ion:330 Resp: 521741

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 28.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 44.620 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.017 min

Lab File: BP024507.D

Acq: 02 May 2025 13:35

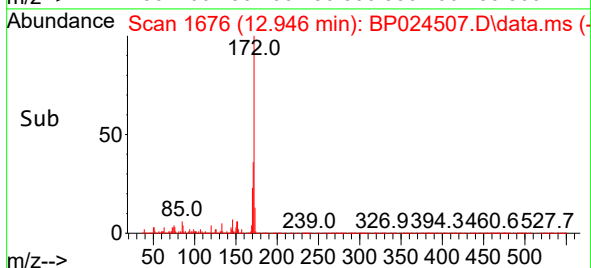
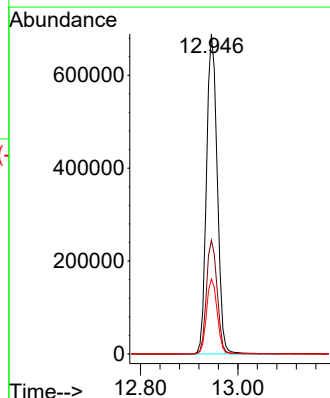
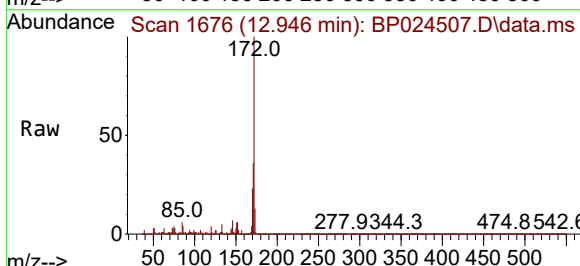
Tgt Ion:172 Resp: 1051421

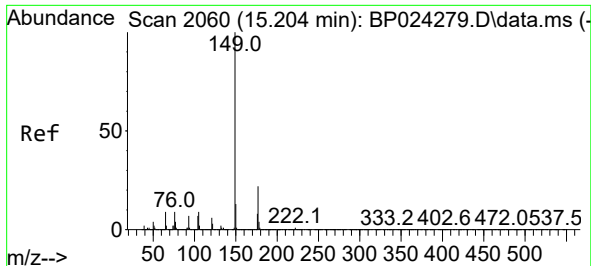
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.4 18.6 27.8

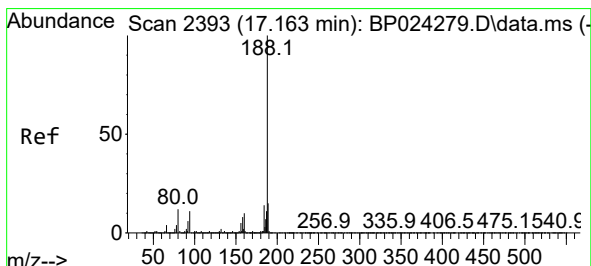
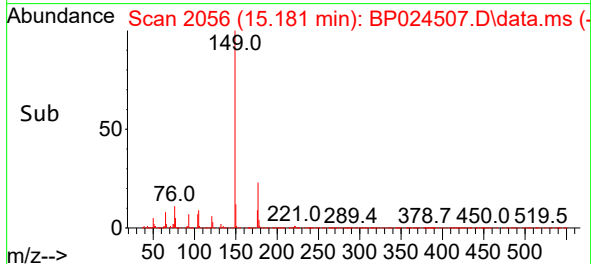
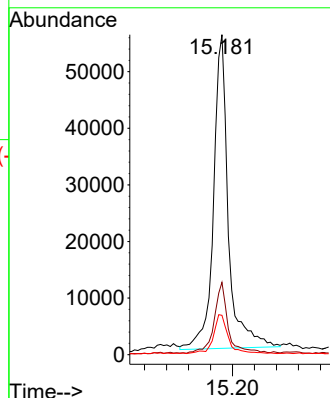
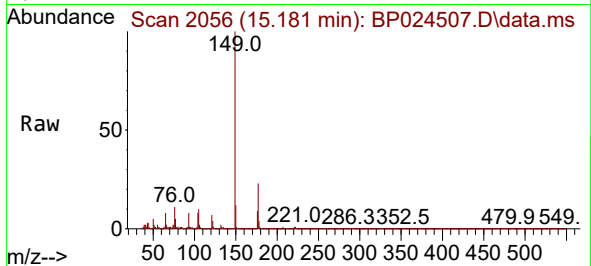




#60
Diethylphthalate
Concen: 3.860 ng
RT: 15.181 min Scan# 2060
Delta R.T. -0.012 min
Lab File: BP024507.D
Acq: 02 May 2025 13:35

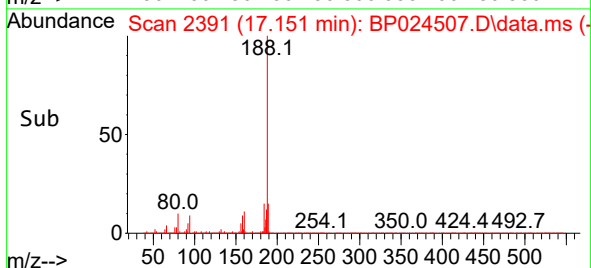
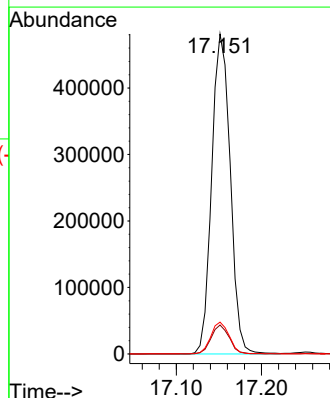
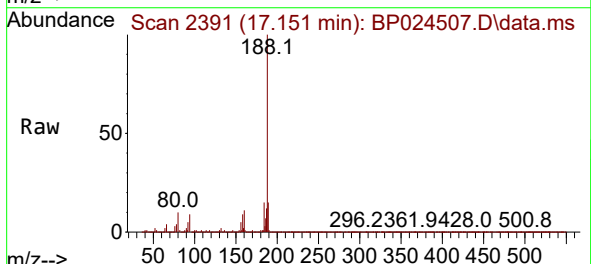
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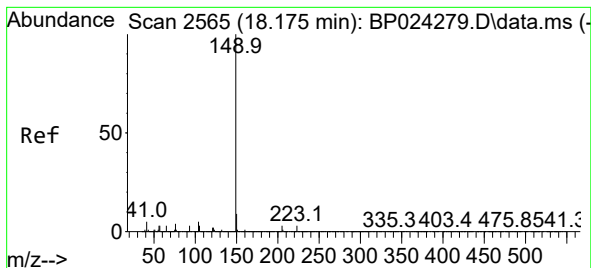
Tgt Ion:149 Resp: 104363
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.2
150 12.3 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024507.D
Acq: 02 May 2025 13:35

Tgt Ion:188 Resp: 727288
Ion Ratio Lower Upper
188 100
94 9.0 8.6 13.0
80 10.0 9.8 14.6





#74

Di-n-butylphthalate

Concen: 2.721 ng

RT: 18.169 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024507.D

Acq: 02 May 2025 13:35

Instrument :

BNA_P

ClientSampleId :

WC-12

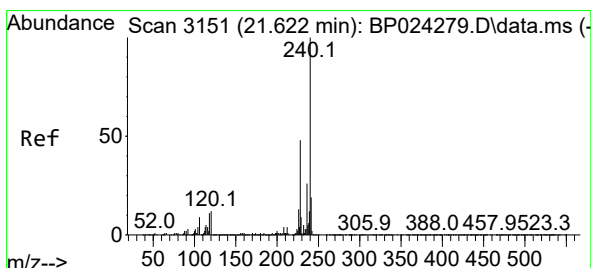
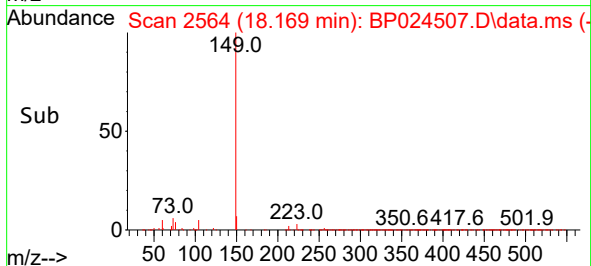
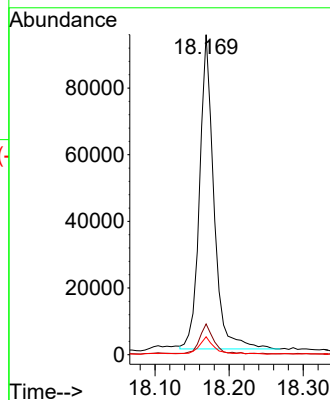
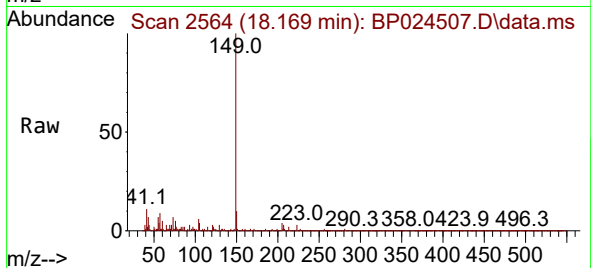
Tgt Ion:149 Resp: 126659

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.6 3.9 5.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3148

Delta R.T. 0.012 min

Lab File: BP024507.D

Acq: 02 May 2025 13:35

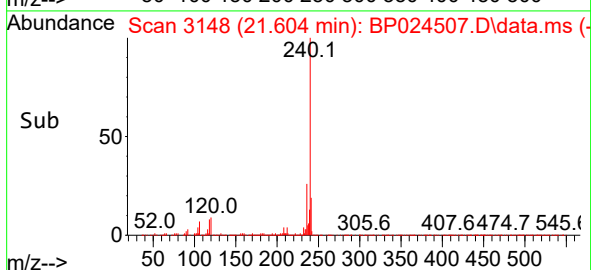
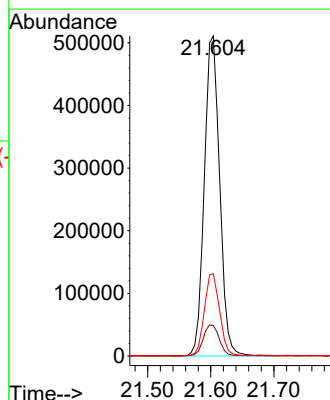
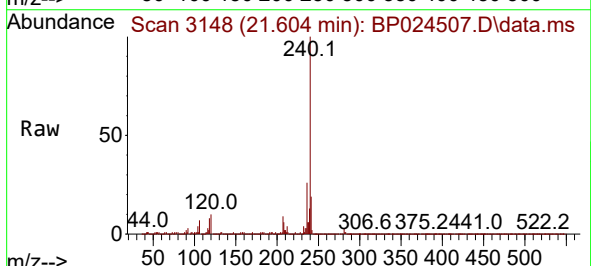
Tgt Ion:240 Resp: 863400

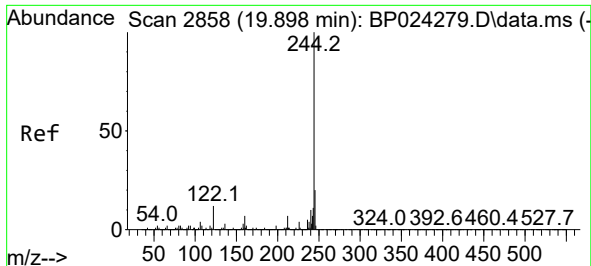
Ion Ratio Lower Upper

240 100

120 9.5 9.8 14.8#

236 25.7 20.9 31.3

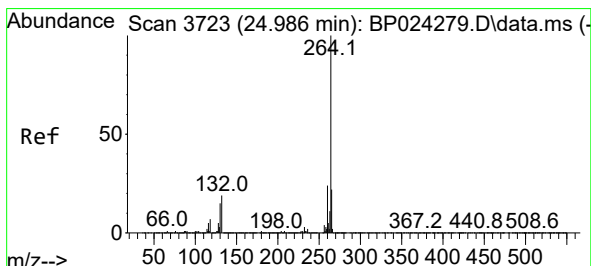
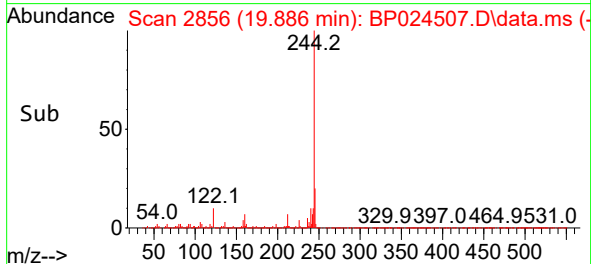
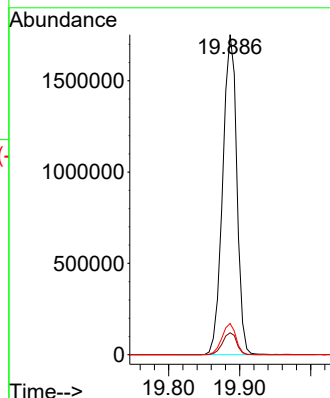
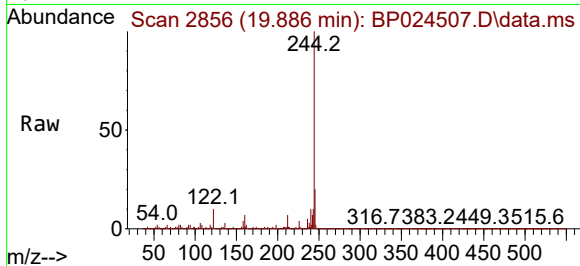




#79
 Terphenyl-d14
 Concen: 56.130 ng
 RT: 19.886 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Instrument :
 BNA_P
 ClientSampleId :
 WC-12

Tgt Ion:244 Resp: 2404329
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.8 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.957 min Scan# 3718
 Delta R.T. 0.024 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Tgt Ion:264 Resp: 1018141
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.6 17.8 26.6

