

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024800.D
 Acq On : 23 May 2025 19:51
 Operator : RC/JU
 Sample : Q2073-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GDW1

Quant Time: May 24 00:04:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

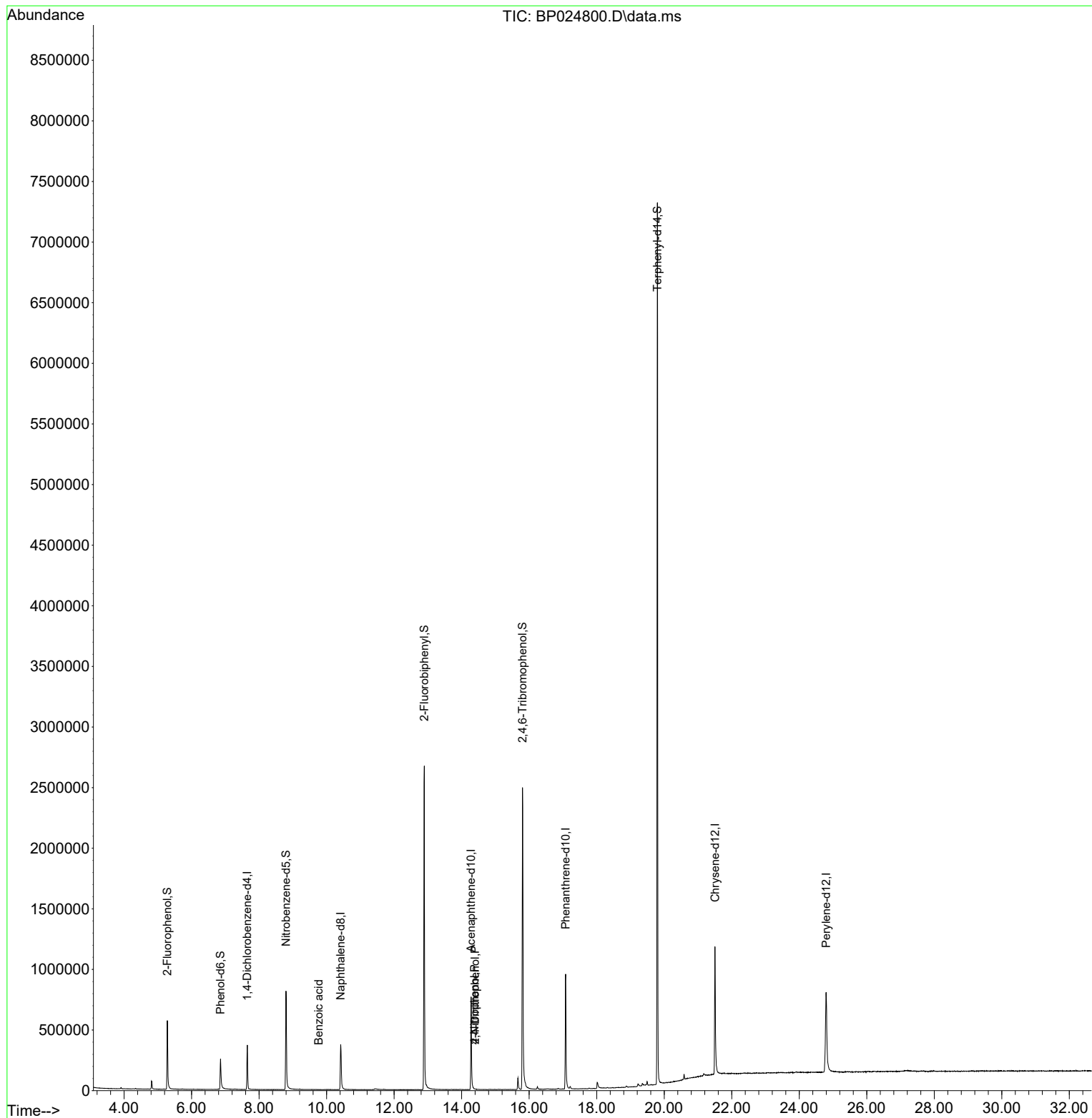
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	100868	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	399490	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	287857	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	617303	20.000	ng	-0.02
76) Chrysene-d12	21.504	240	728488	20.000	ng	-0.02
86) Perylene-d12	24.798	264	816767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	280732	47.602	ng	0.00
7) Phenol-d6	6.858	99	193590	25.720	ng	0.00
23) Nitrobenzene-d5	8.799	82	500593	63.314	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	731756	149.950	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1399903	63.714	ng	-0.01
79) Terphenyl-d14	19.798	244	3582745	84.330	ng	-0.01
Target Compounds						
32) Benzoic acid	9.763	122	18	7.472	ng	# 1
54) 2,4-Dinitrophenol	14.392	184	10	6.404	ng	# 1
56) 4-Nitrophenol	14.381	139	29	4.241	ng	96

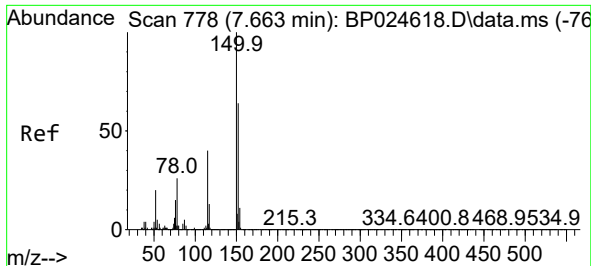
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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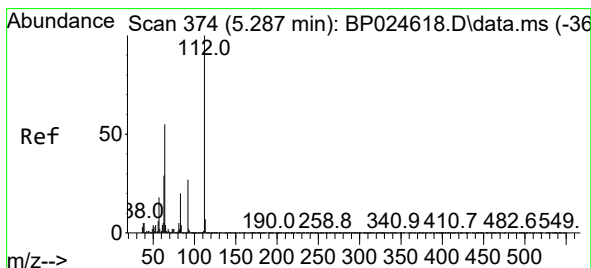
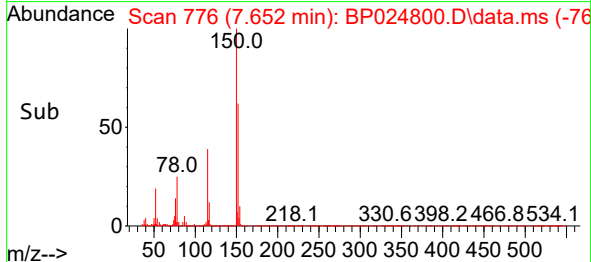
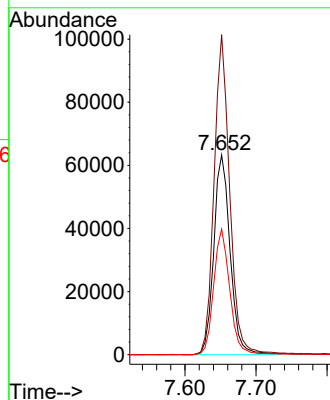
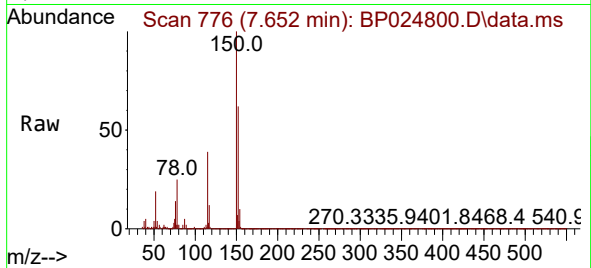




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

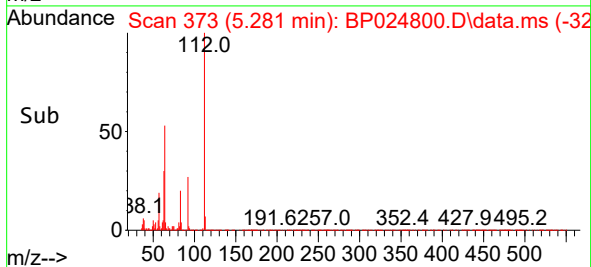
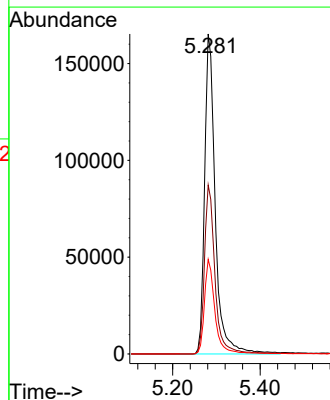
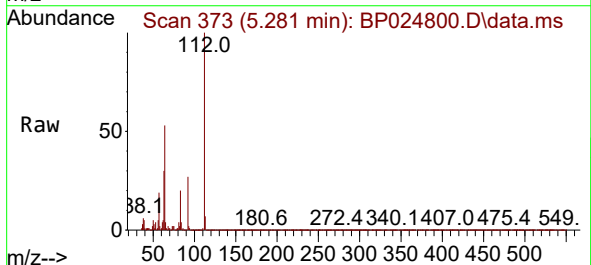
Instrument :
BNA_P
ClientSampleId :
GDW1

Tgt Ion:152 Resp: 100868
Ion Ratio Lower Upper
152 100
150 160.2 125.9 188.9
115 62.9 50.1 75.1



#5
2-Fluorophenol
Concen: 47.602 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:112 Resp: 280732
Ion Ratio Lower Upper
112 100
64 52.8 44.1 66.1
63 29.5 23.5 35.3

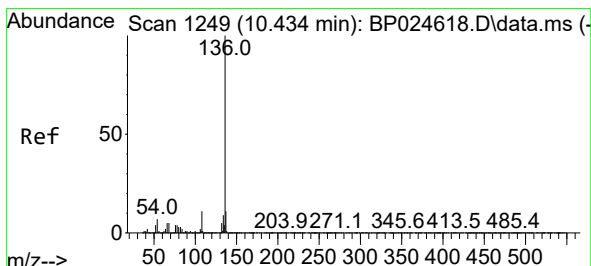
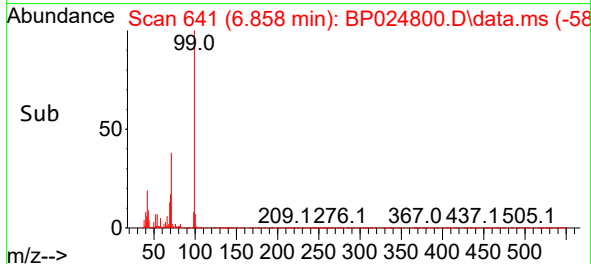
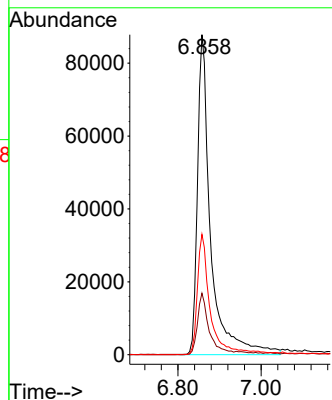
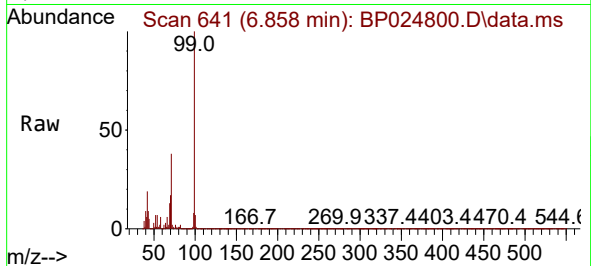




#7
Phenol-d6
Concen: 25.720 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

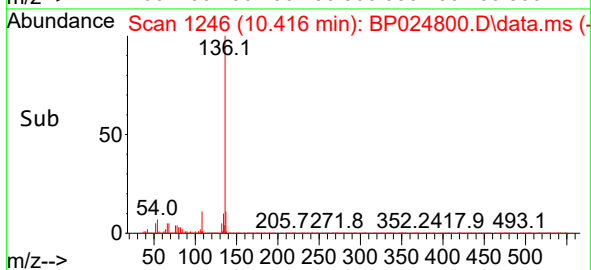
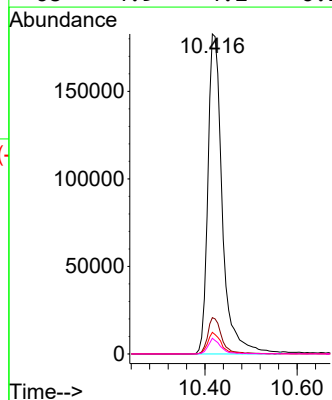
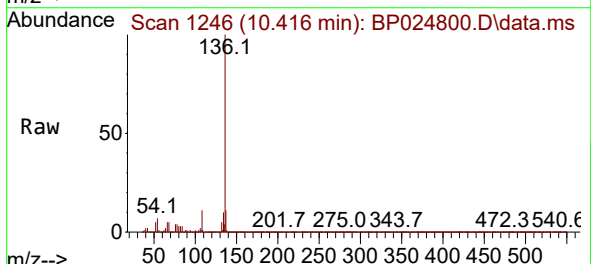
Instrument :
BNA_P
ClientSampleId :
GDW1

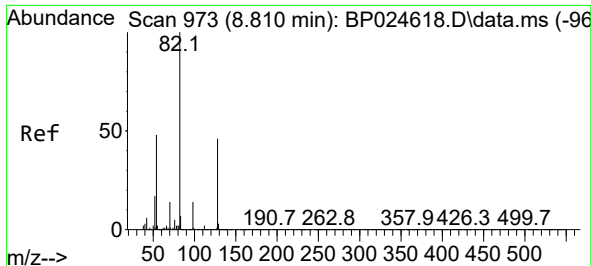
Tgt Ion: 99 Resp: 193590
Ion Ratio Lower Upper
99 100
42 19.2 14.4 21.6
71 37.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion: 136 Resp: 399490
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.8 5.5 8.3
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 63.314 ng

RT: 8.799 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024800.D

Acq: 23 May 2025 19:51

Instrument :

BNA_P

ClientSampleId :

GDW1

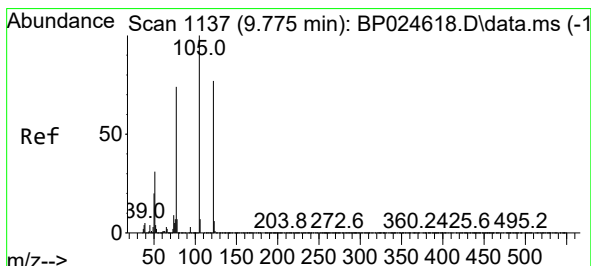
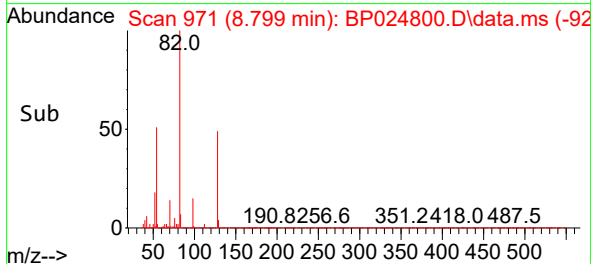
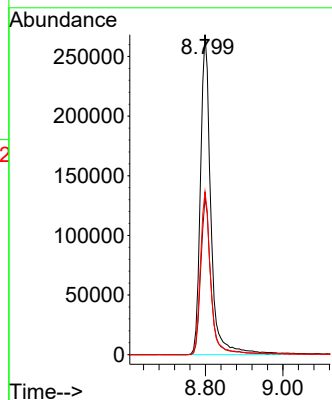
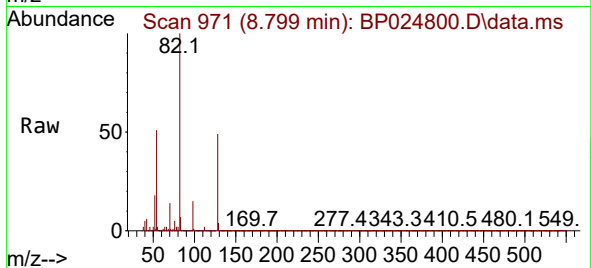
Tgt Ion: 82 Resp: 500593

Ion Ratio Lower Upper

82 100

128 49.1 37.0 55.4

54 51.0 38.7 58.1



#32

Benzoic acid

Concen: 7.472 ng

RT: 9.763 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BP024800.D

Acq: 23 May 2025 19:51

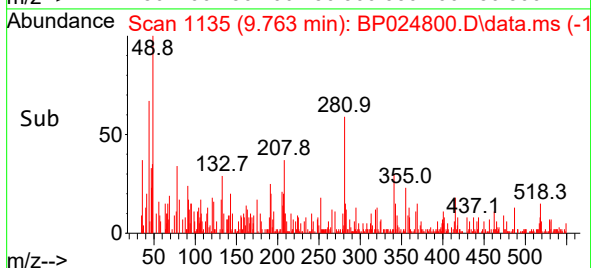
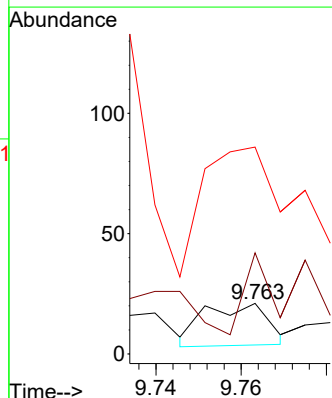
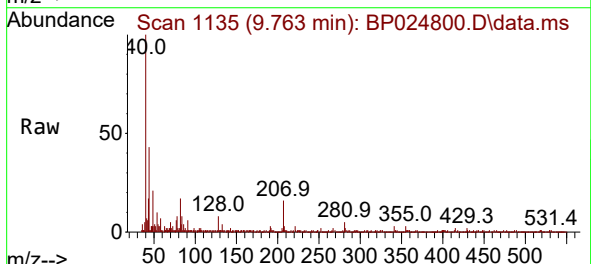
Tgt Ion:122 Resp: 18

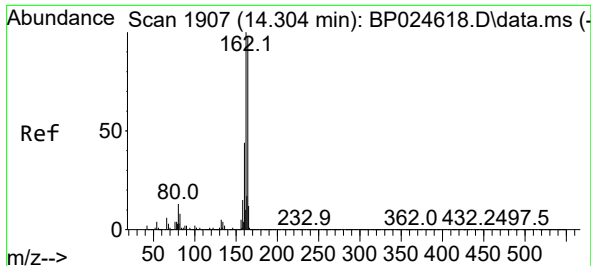
Ion Ratio Lower Upper

122 100

105 200.0 106.9 146.9#

77 409.5 75.1 115.1#

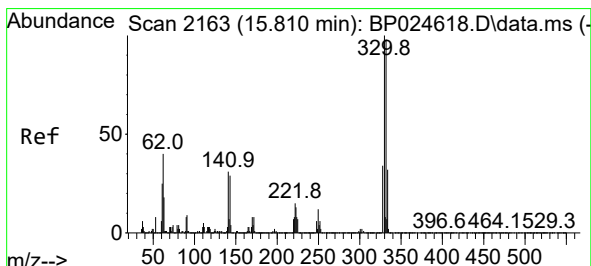
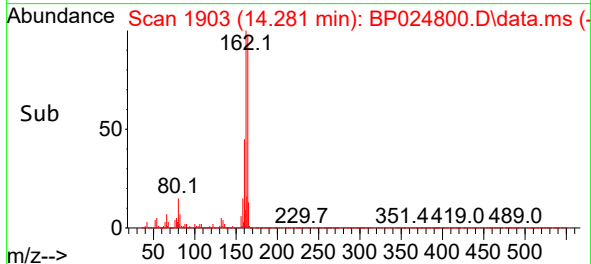
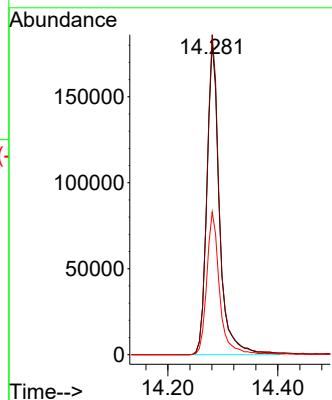
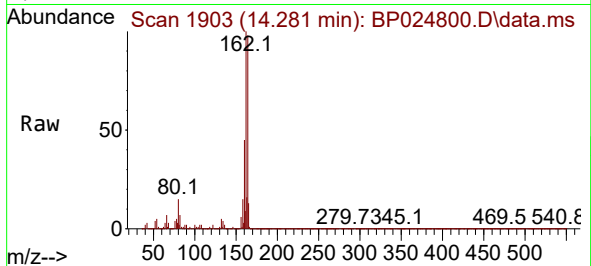




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

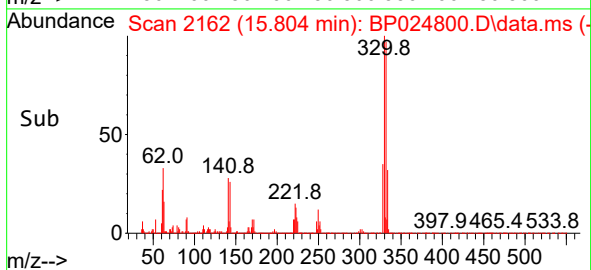
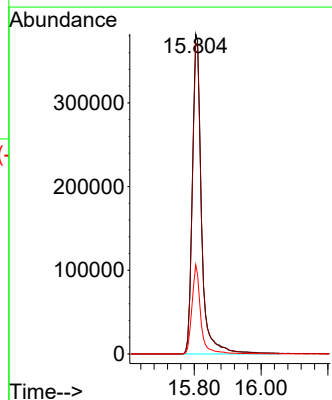
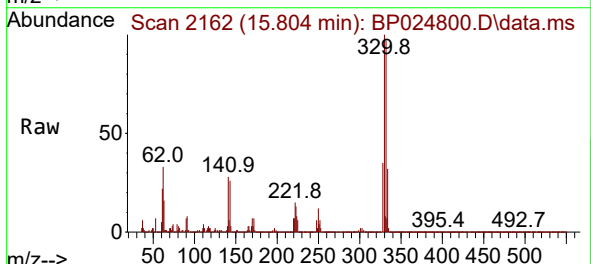
Instrument :
BNA_P
ClientSampleId :
GDW1

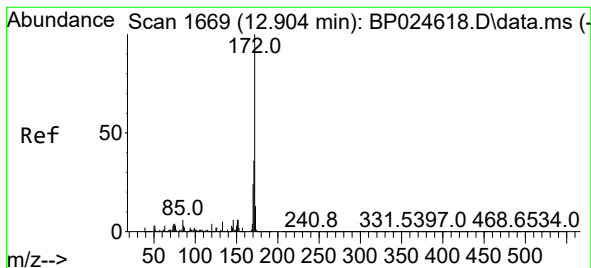
Tgt Ion:164 Resp: 287857
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 45.7 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 149.950 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:330 Resp: 731756
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.4
141 26.3 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 63.714 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024800.D

Acq: 23 May 2025 19:51

Instrument :

BNA_P

ClientSampleId :

GDW1

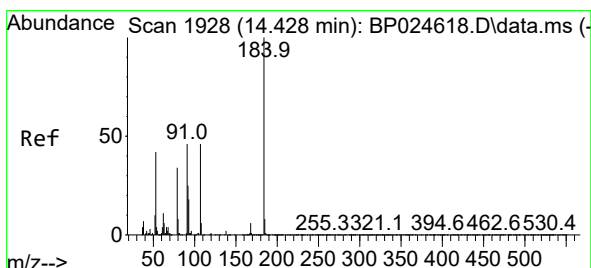
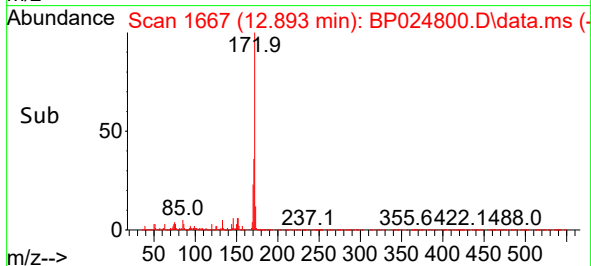
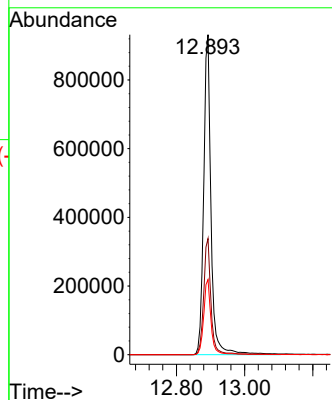
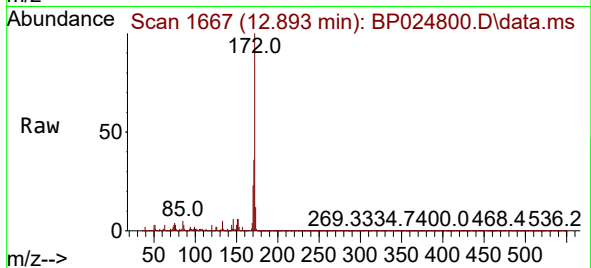
Tgt Ion:172 Resp: 1399903

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.392 min Scan# 1922

Delta R.T. -0.036 min

Lab File: BP024800.D

Acq: 23 May 2025 19:51

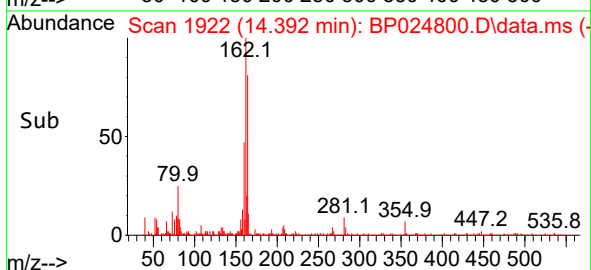
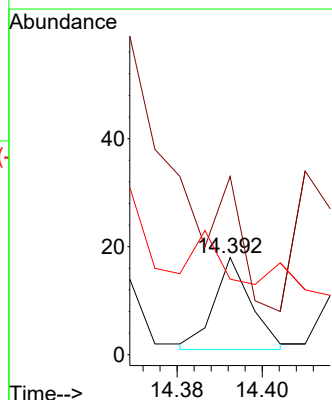
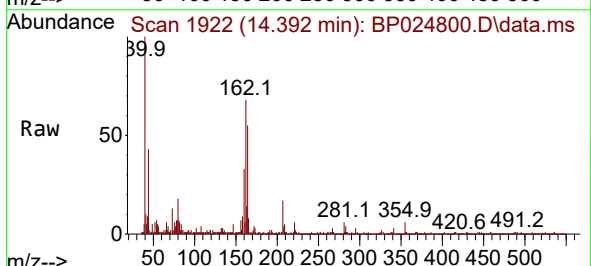
Tgt Ion:184 Resp: 10

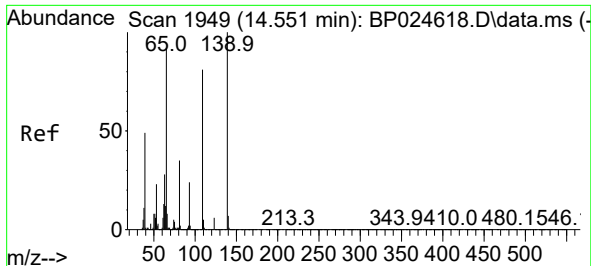
Ion Ratio Lower Upper

184 100

63 183.3 51.3 76.9#

154 211.1 53.5 80.3#

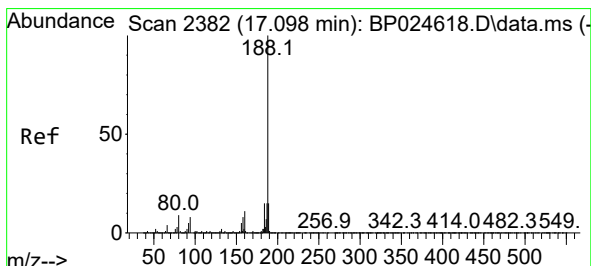
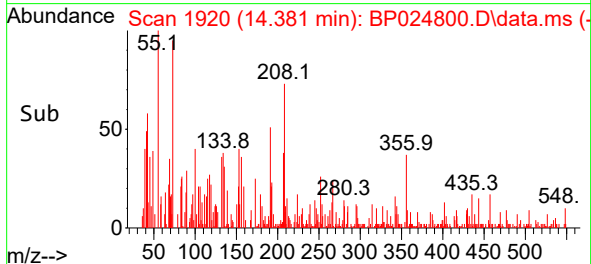
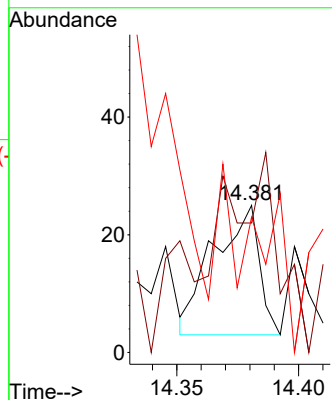
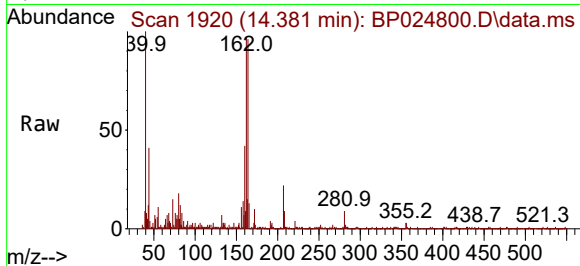




#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.381 min Scan# 1949
Delta R.T. -0.170 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

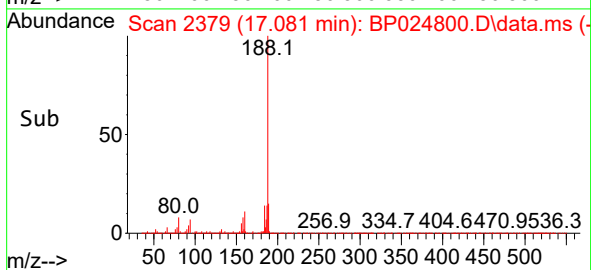
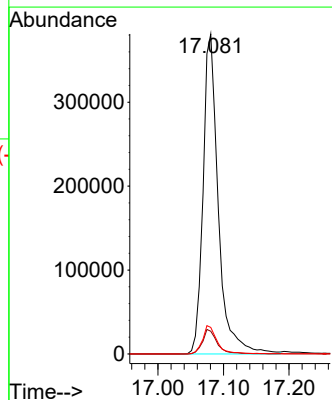
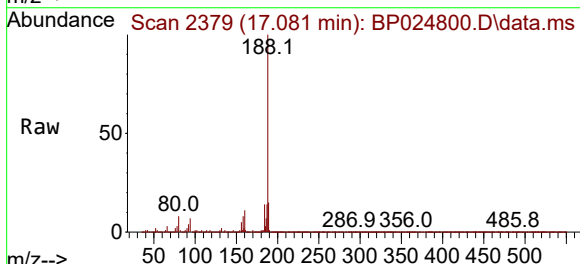
Instrument :
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GDW1

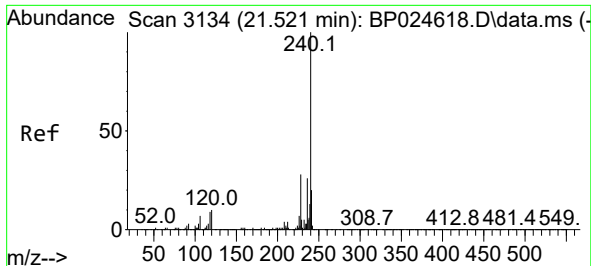
Tgt Ion:139 Resp: 29
Ion Ratio Lower Upper
139 100
109 88.0 61.4 101.4
65 92.0 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:188 Resp: 617303
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 8.3 7.3 10.9

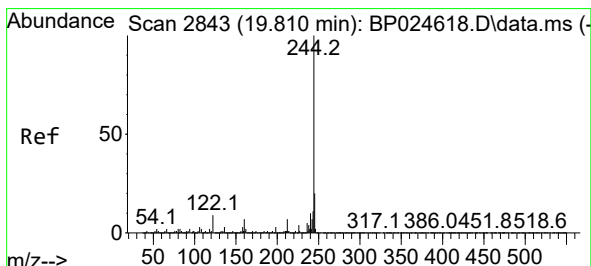
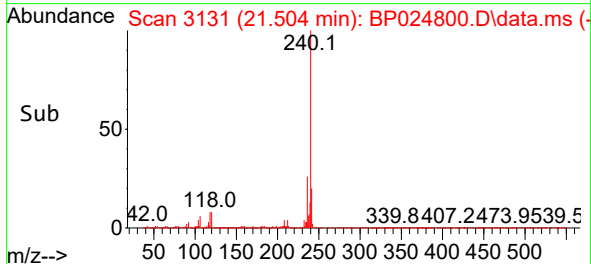
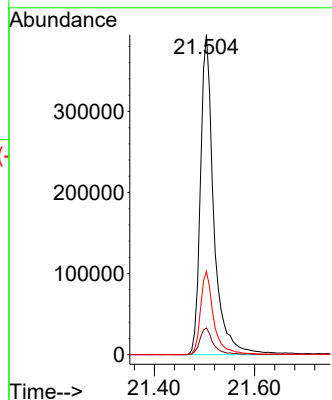
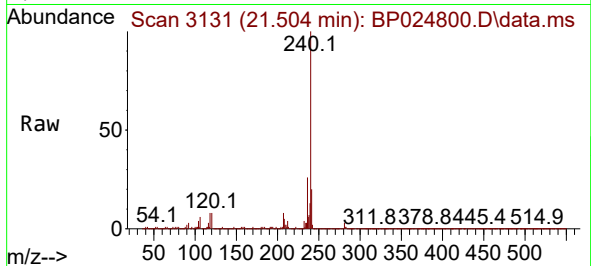




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3134
Delta R.T. -0.018 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

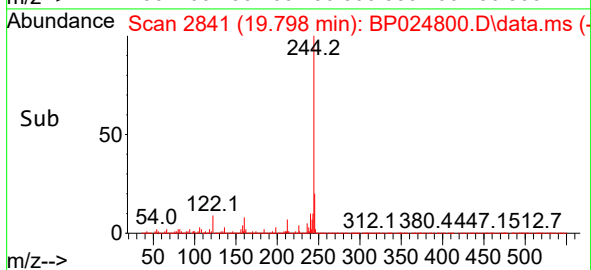
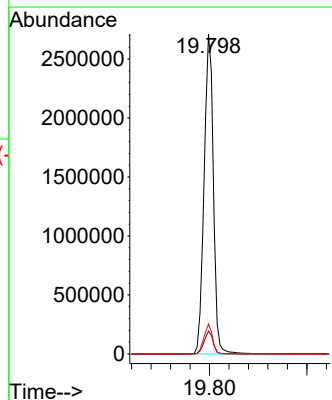
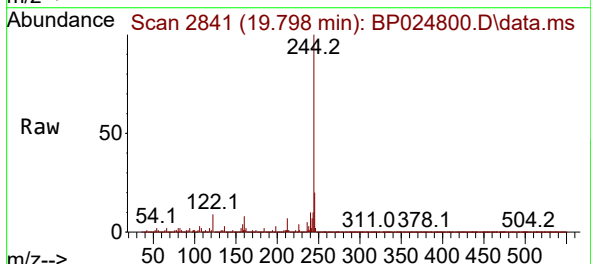
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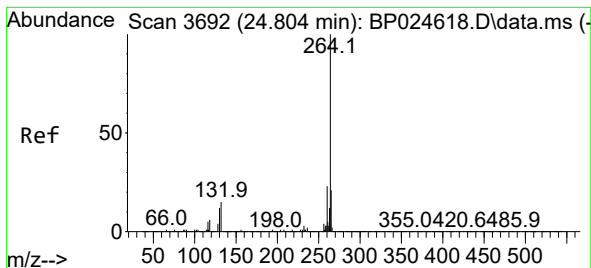
Tgt Ion:240 Resp: 728488
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 26.0 20.6 31.0



#79
Terphenyl-d14
Concen: 84.330 ng
RT: 19.798 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:244 Resp: 3582745
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.4 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 30

Delta R.T. -0.006 min

Lab File: BP024800.D

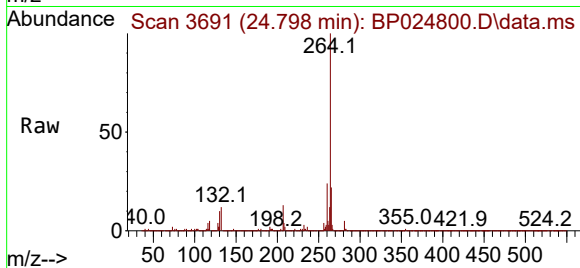
Acq: 23 May 2025 19:51

Instrument :

BNA_P

ClientSampleId :

GDW1



Tgt Ion:264 Resp: 816767

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.6 17.0 25.6

