

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052725\
 Data File : BP024810.D
 Acq On : 27 May 2025 13:05
 Operator : RC/JU
 Sample : PB168115TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168115TB

Quant Time: May 27 14:30:43 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)

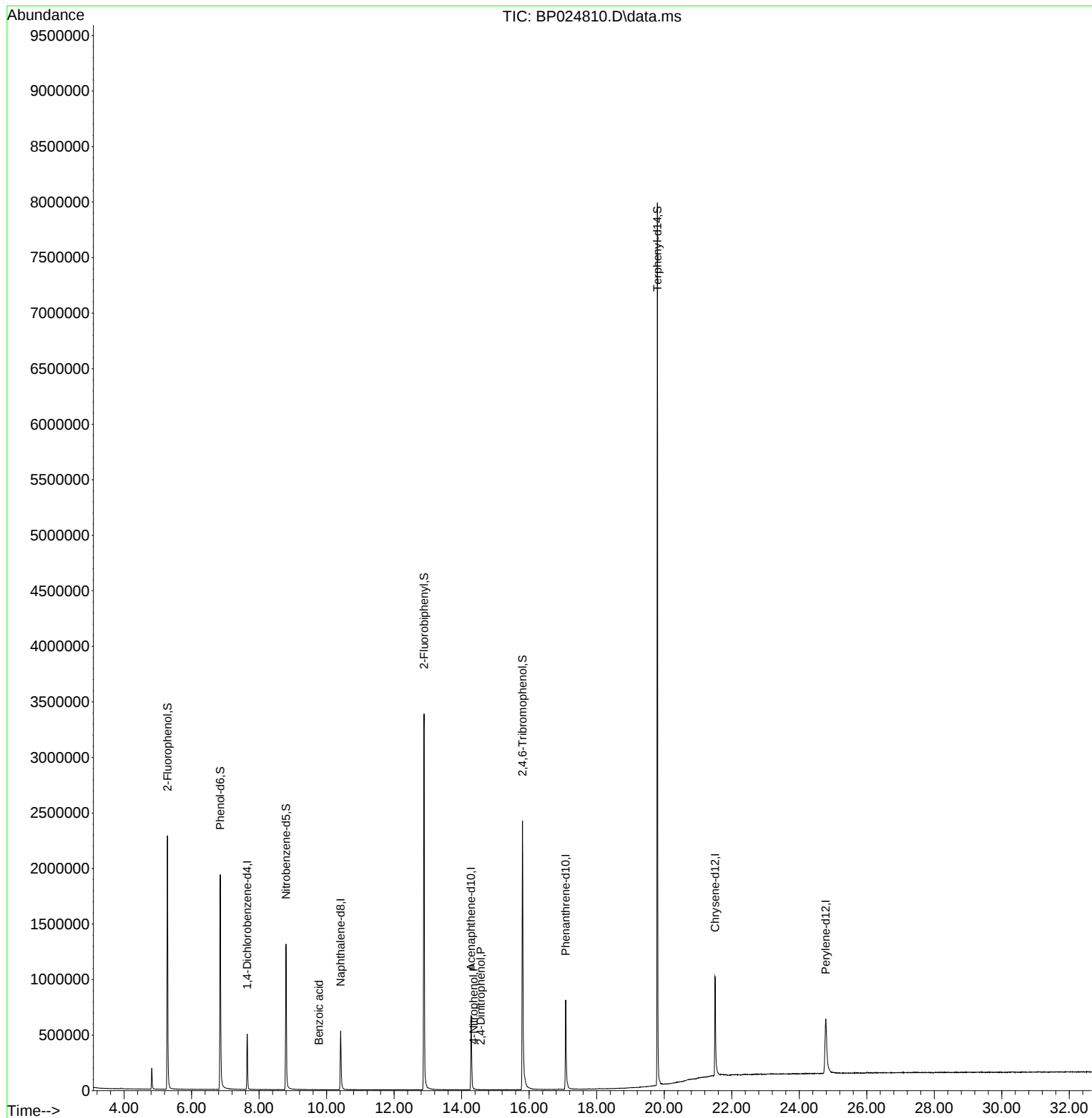
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	141266	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	522703	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	308432	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	634839	20.000	ng	-0.02
76) Chrysene-d12	21.504	240	683814	20.000	ng	-0.02
86) Perylene-d12	24.786	264	788140	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1093995	132.455	ng	0.00
7) Phenol-d6	6.852	99	1250076	118.589	ng	0.00
23) Nitrobenzene-d5	8.799	82	769613	74.394	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	767505	146.784	ng	0.00
45) 2-Fluorobiphenyl	12.887	172	1879870	79.851	ng	-0.02
79) Terphenyl-d14	19.798	244	3534580	88.631	ng	-0.01
Target Compounds						
32) Benzoic acid	9.775	122	16	7.471	ng	Qvalue # 1
54) 2,4-Dinitrophenol	14.569	184	11	6.404	ng	89
56) 4-Nitrophenol	14.357	139	19	4.238	ng	87

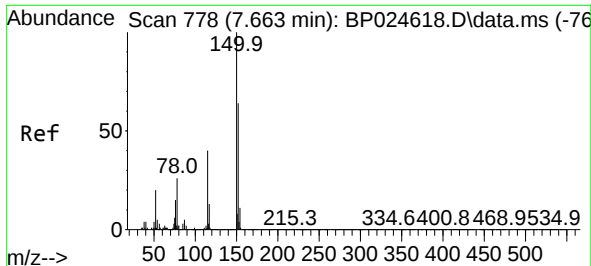
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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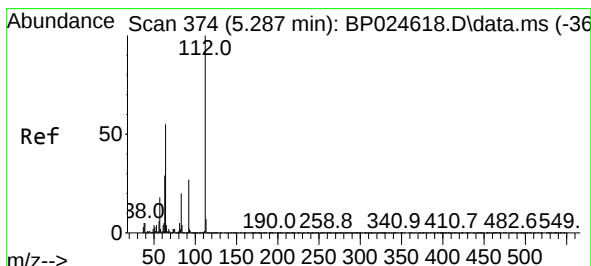
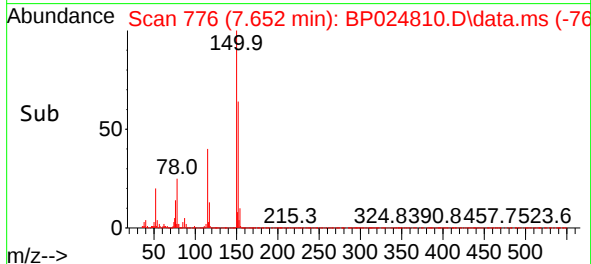
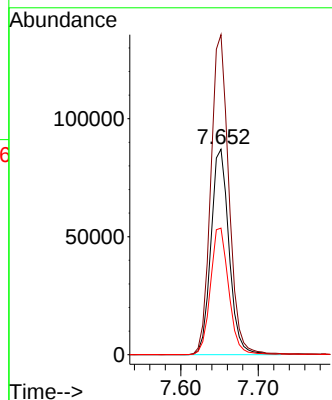
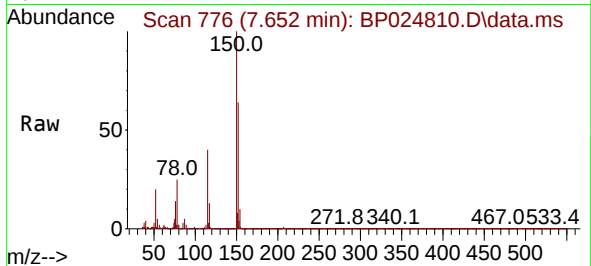




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

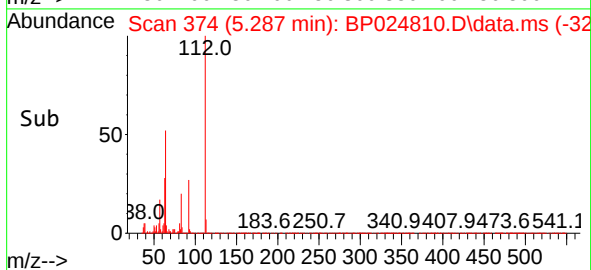
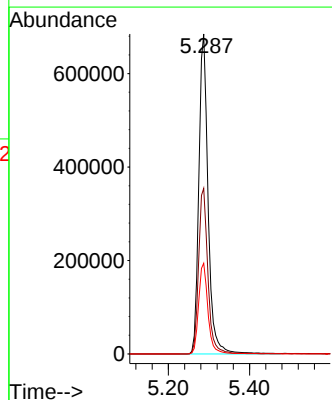
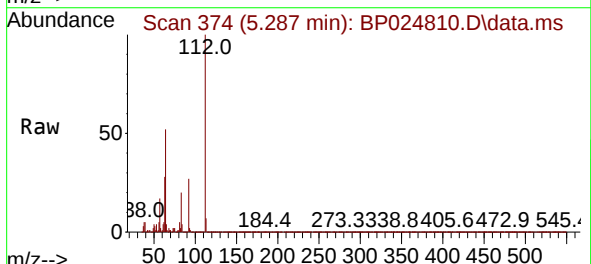
Instrument :
BNA_P
ClientSampleId :
PB168115TB

Tgt Ion:152 Resp: 141266
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.6 50.1 75.1



#5
2-Fluorophenol
Concen: 132.455 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

Tgt Ion:112 Resp: 1093995
Ion Ratio Lower Upper
112 100
64 51.8 44.1 66.1
63 28.3 23.5 35.3



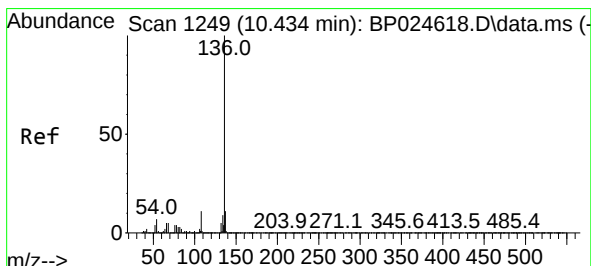
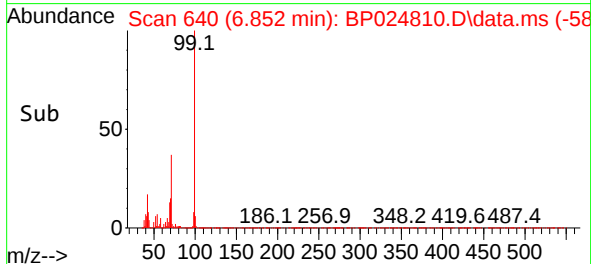
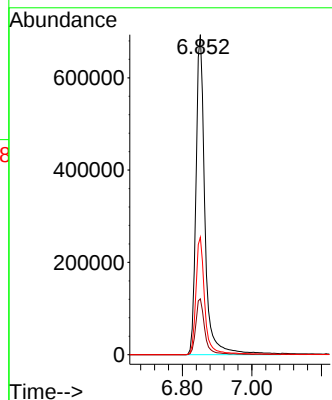
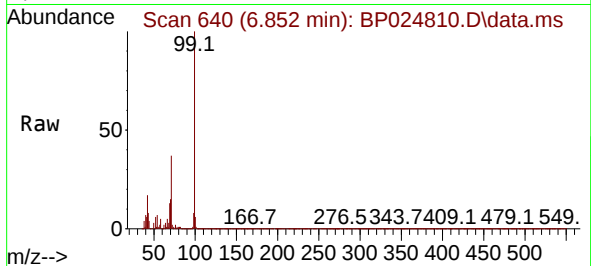


#7
Phenol-d6
Concen: 118.589 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

Instrument :
BNA_P
ClientSampleId :
PB168115TB

Tgt Ion: 99 Resp: 1250076

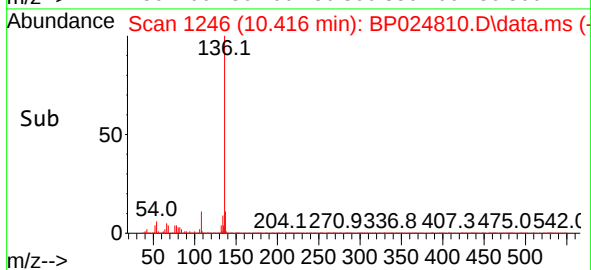
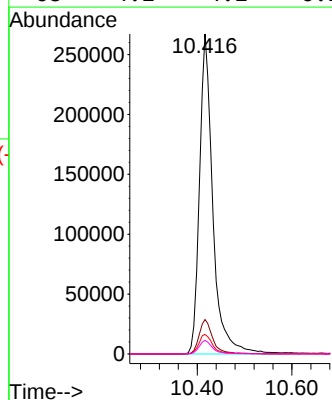
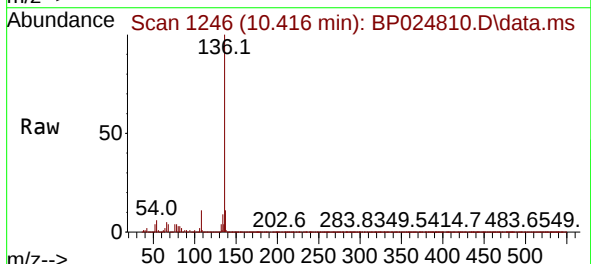
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	36.7	29.2	43.8

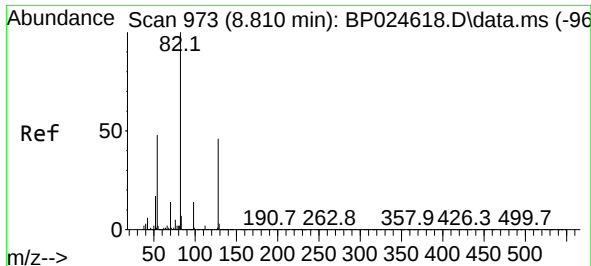


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

Tgt Ion: 136 Resp: 522703

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.1	5.5	8.3
68	4.2	4.2	6.2

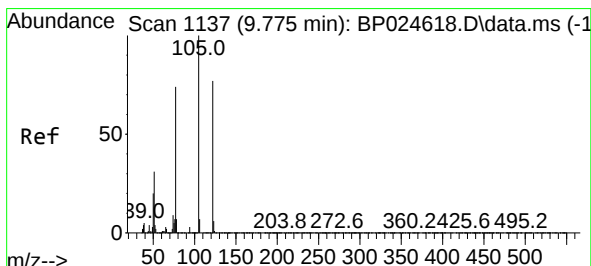
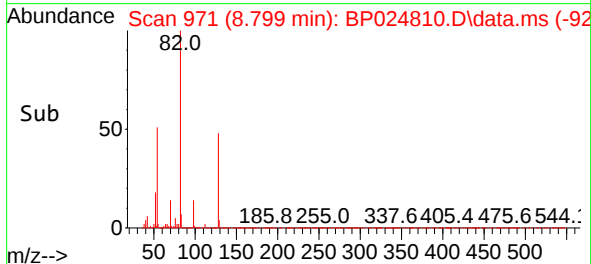
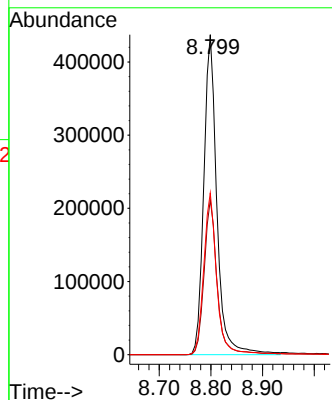
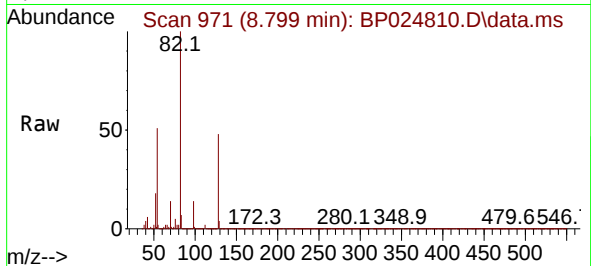




#23
Nitrobenzene-d5
Concen: 74.394 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

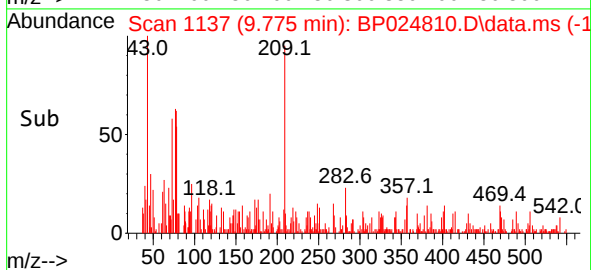
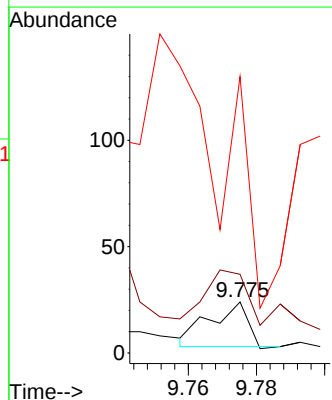
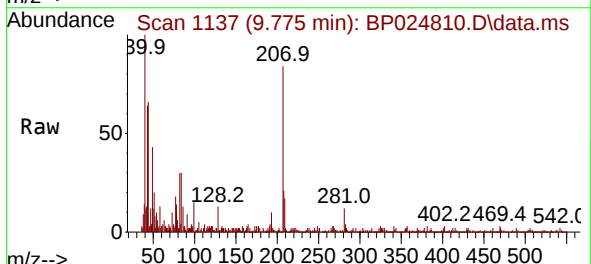
Instrument :
BNA_P
ClientSampleId :
PB168115TB

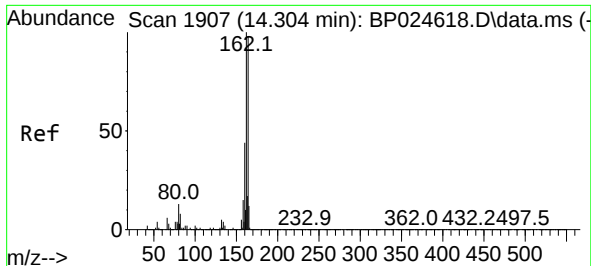
Tgt Ion: 82 Resp: 769613
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 50.5 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

Tgt Ion:122 Resp: 16
Ion Ratio Lower Upper
122 100
105 154.2 106.9 146.9#
77 541.7 75.1 115.1#

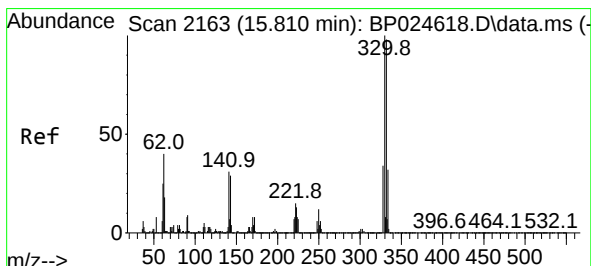
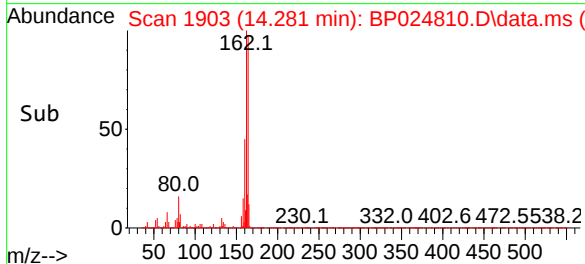
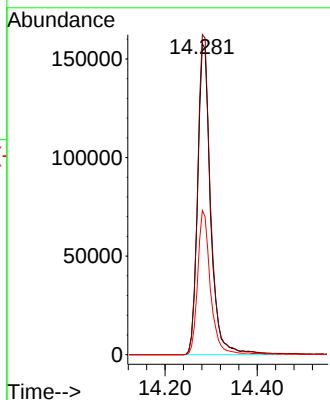
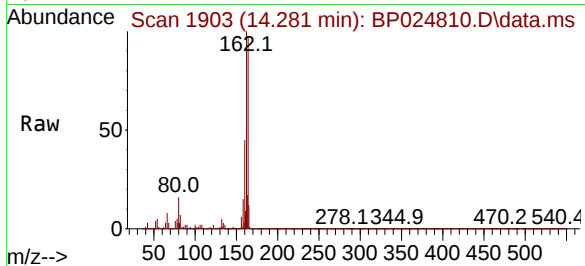




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

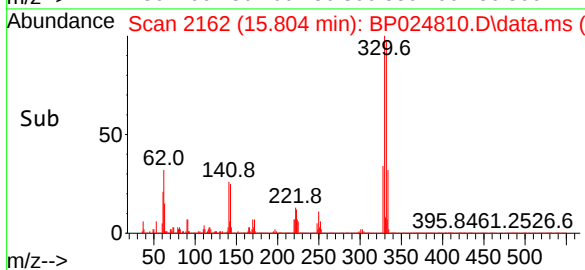
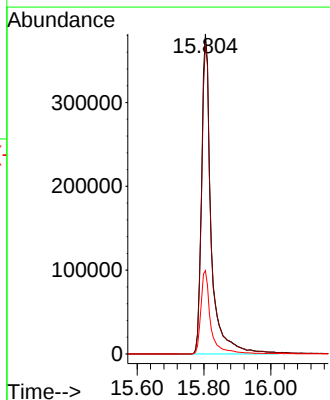
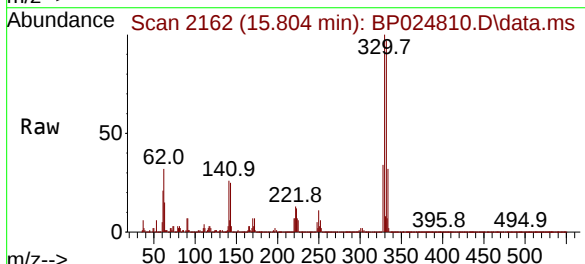
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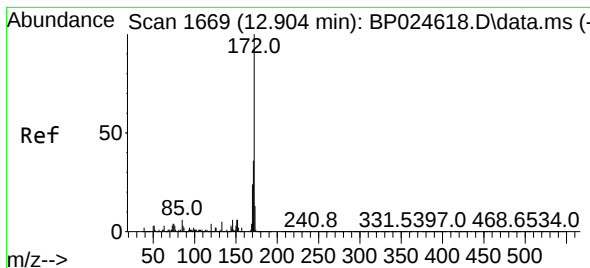
Tgt Ion:164 Resp: 308432
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 46.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 146.784 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

Tgt Ion:330 Resp: 767505
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 26.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 79.851 ng

RT: 12.887 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024810.D

Acq: 27 May 2025 13:05

Instrument :

BNA_P

ClientSampleId :

PB168115TB

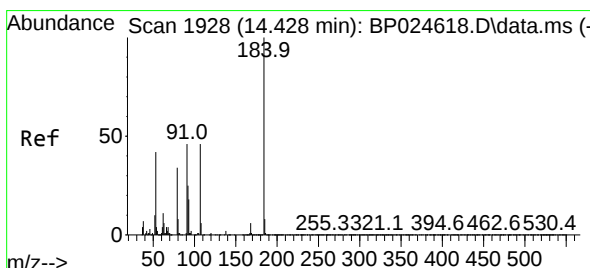
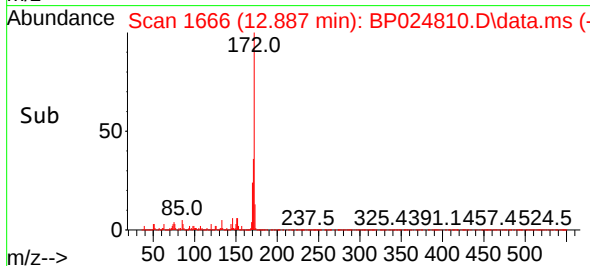
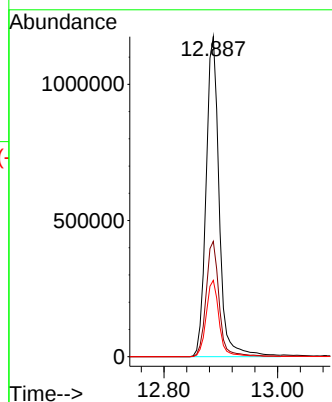
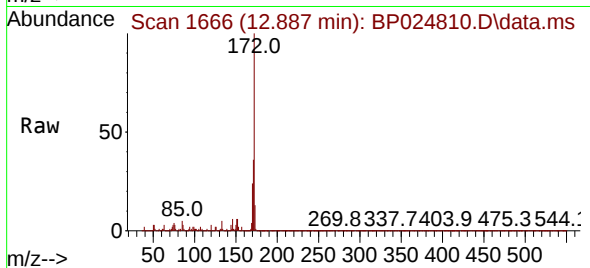
Tgt Ion:172 Resp: 1879870

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.8 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.569 min Scan# 1952

Delta R.T. 0.141 min

Lab File: BP024810.D

Acq: 27 May 2025 13:05

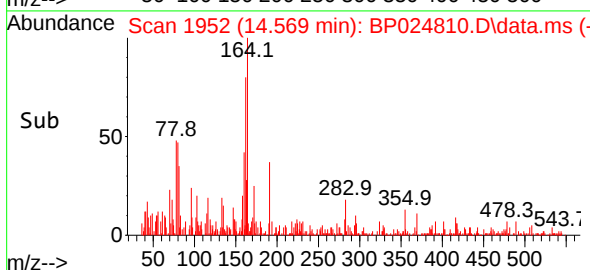
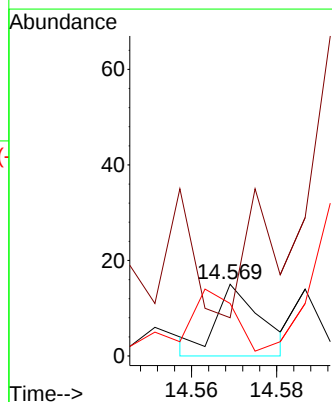
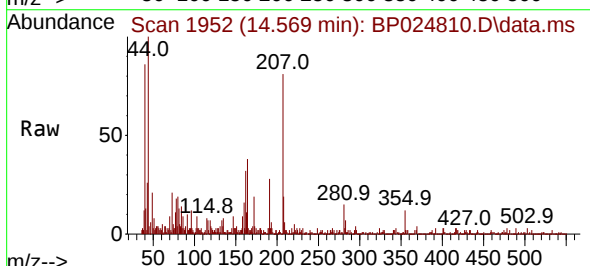
Tgt Ion:184 Resp: 11

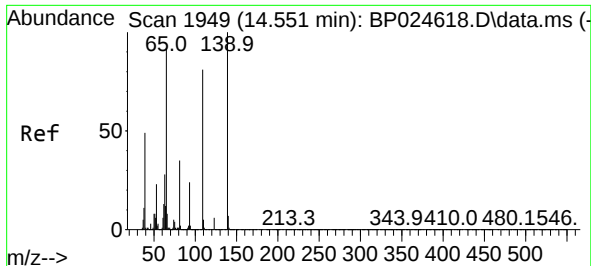
Ion Ratio Lower Upper

184 100

63 53.3 51.3 76.9

154 73.3 53.5 80.3

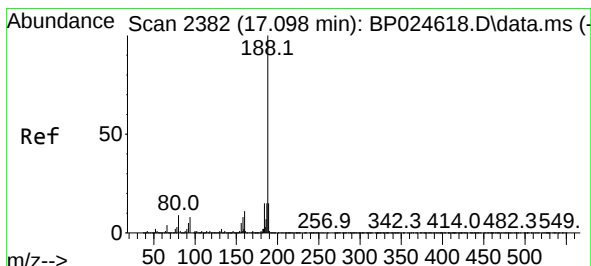
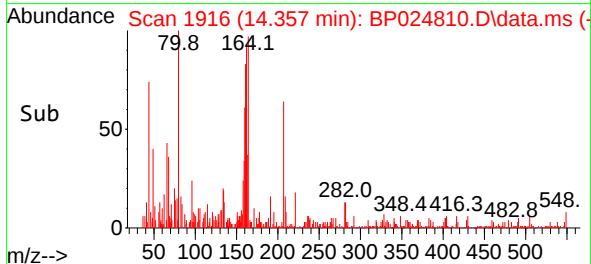
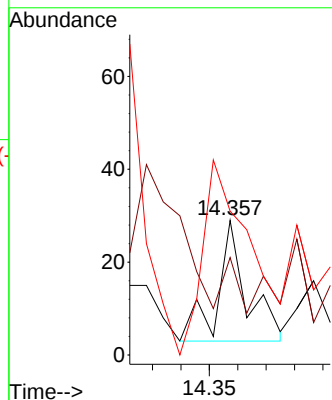
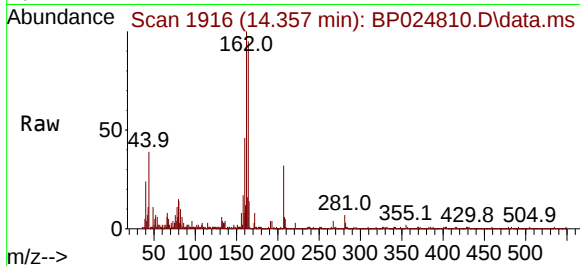




#56
4-Nitrophenol
Concen: 4.238 ng
RT: 14.357 min Scan# 19
Delta R.T. -0.194 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

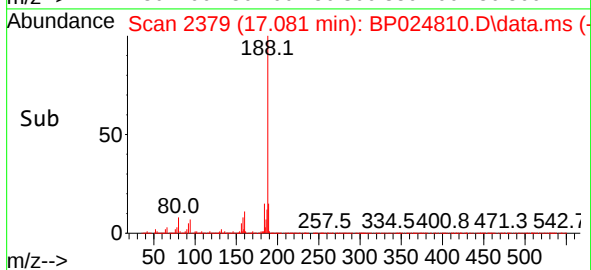
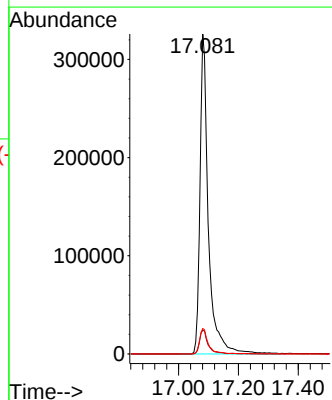
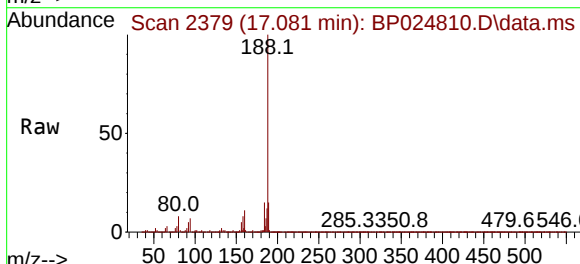
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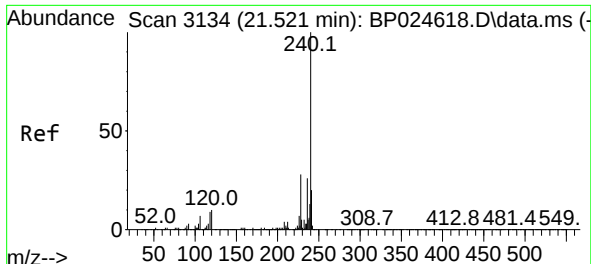
Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 72.4 61.4 101.4
65 106.9 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

Tgt Ion:188 Resp: 634839
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.0 7.3 10.9

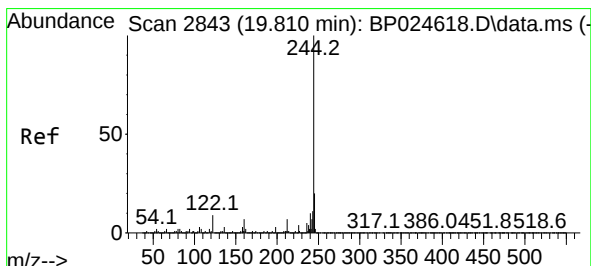
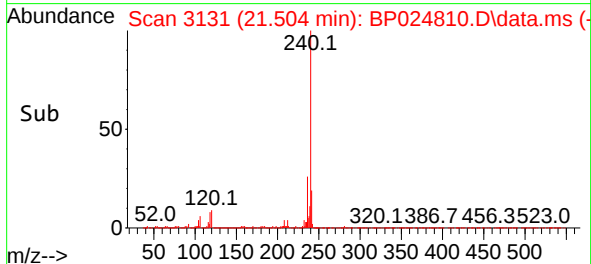
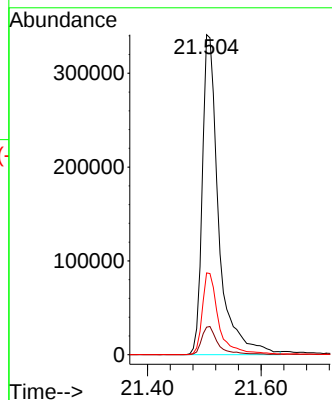
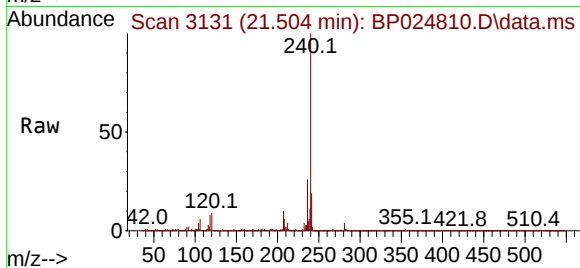




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

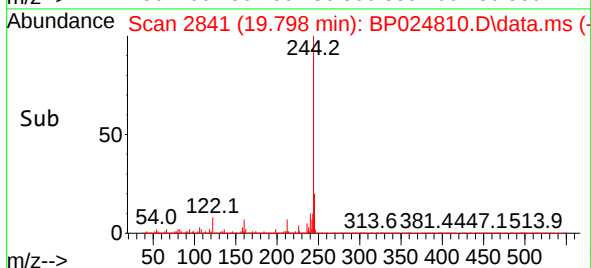
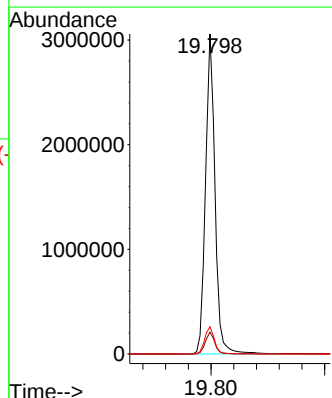
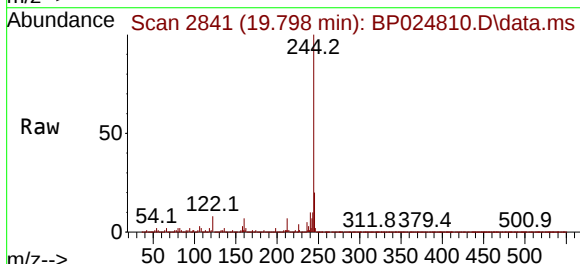
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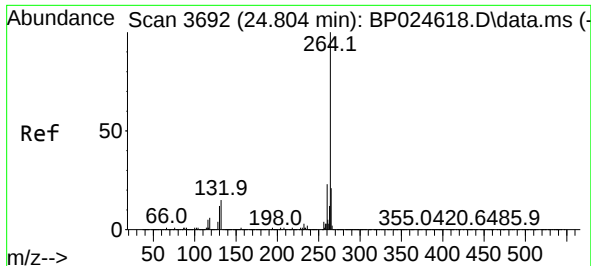
Tgt Ion:240 Resp: 683814
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.5 20.6 31.0



#79
Terphenyl-d14
Concen: 88.631 ng
RT: 19.798 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BP024810.D
Acq: 27 May 2025 13:05

Tgt Ion:244 Resp: 3534580
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 8.5 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.786 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: BP024810.D
 Acq: 27 May 2025 13:05

Instrument :
 BNA_P
 ClientSampleId :
 PB168115TB

Tgt Ion:264 Resp: 788140
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 22.9 17.0 25.6

