

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024768.D
 Acq On : 22 May 2025 21:07
 Operator : RC/JU
 Sample : Q2093-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WATER-COMP

Quant Time: May 23 03:08:48 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)

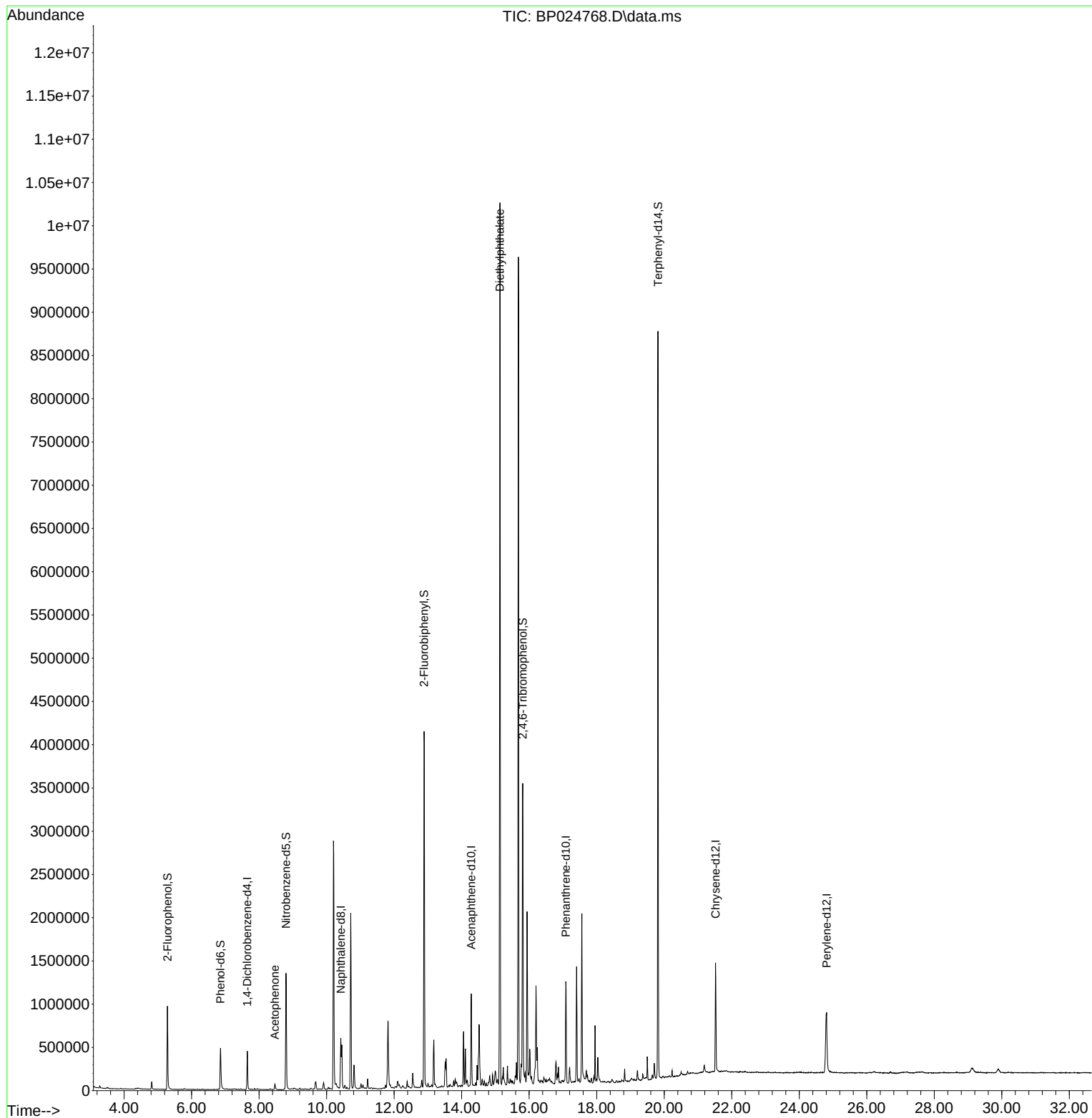
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	116980	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	487788	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	346602	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	671792	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	738825	20.000	ng	0.00
86) Perylene-d12	24.810	264	850904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	452010	66.089	ng	0.00
7) Phenol-d6	6.858	99	328824	37.670	ng	0.00
23) Nitrobenzene-d5	8.799	82	766065	79.351	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	941828	160.286	ng	0.00
45) 2-Fluorobiphenyl	12.887	172	2184475	82.571	ng	-0.02
79) Terphenyl-d14	19.816	244	3571566	82.890	ng	0.00
Target Compounds						
22) Acetophenone	8.469	105	37654	3.090	ng	Qvalue # 98
60) Diethylphthalate	15.134	149	5901284	221.012	ng	97

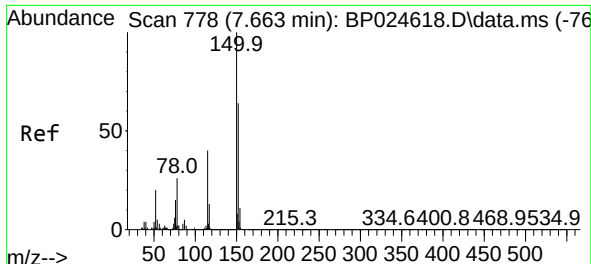
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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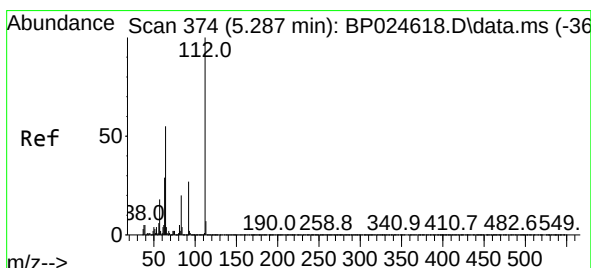
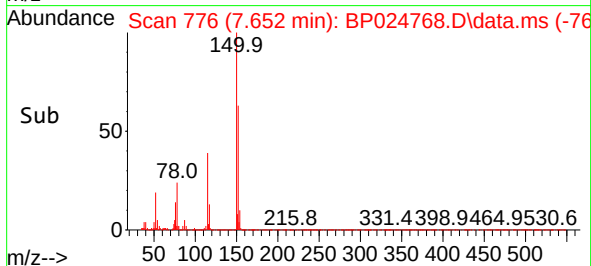
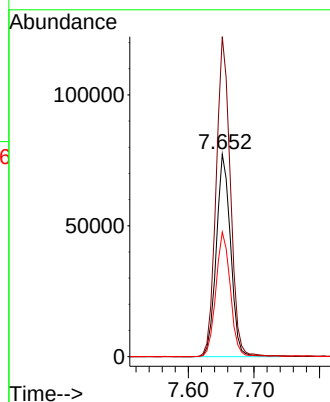
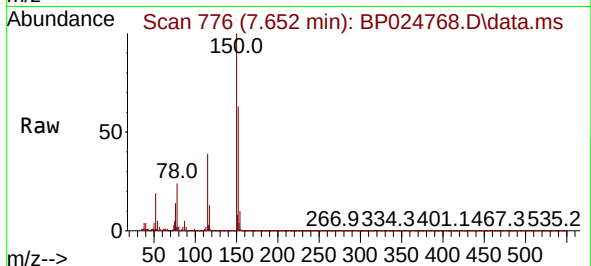




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

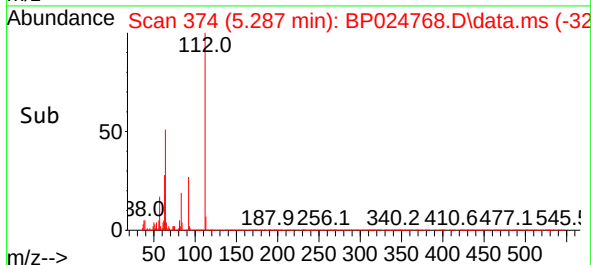
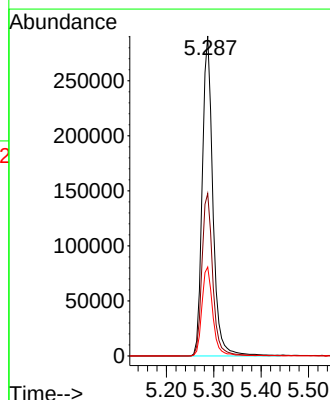
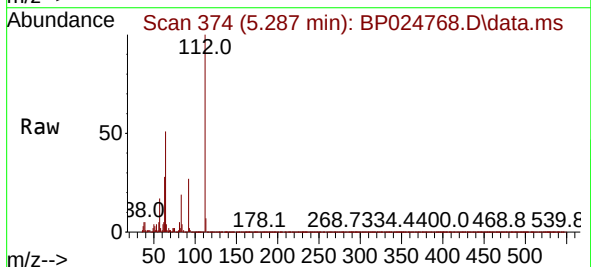
Instrument :
BNA_P
ClientSampleId :
WATER-COMP

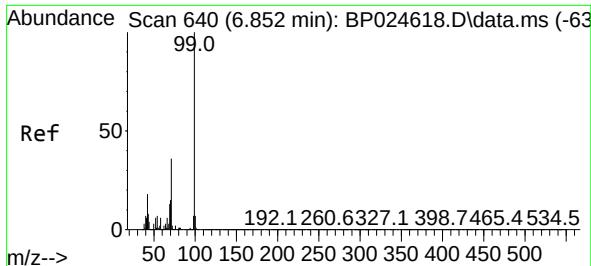
Tgt Ion:152 Resp: 116980
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 61.5 50.1 75.1



#5
2-Fluorophenol
Concen: 66.089 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

Tgt Ion:112 Resp: 452010
Ion Ratio Lower Upper
112 100
64 50.7 44.1 66.1
63 27.8 23.5 35.3

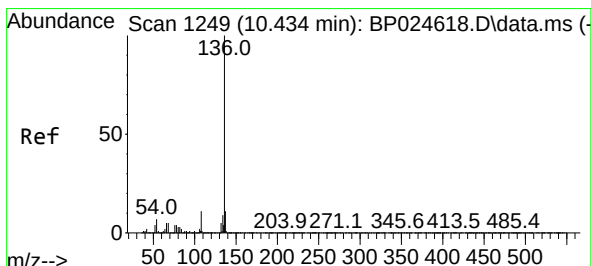
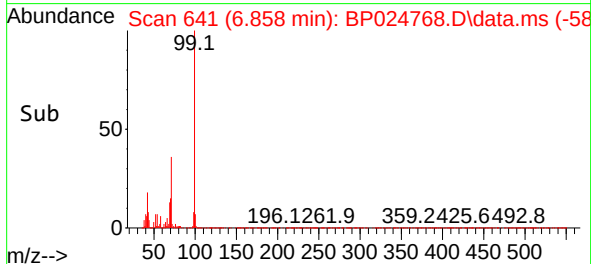
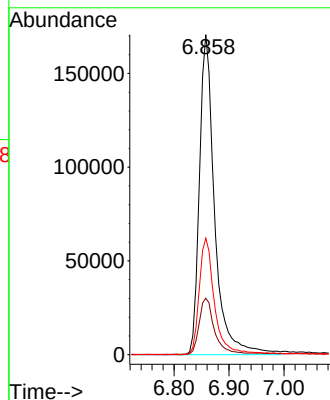
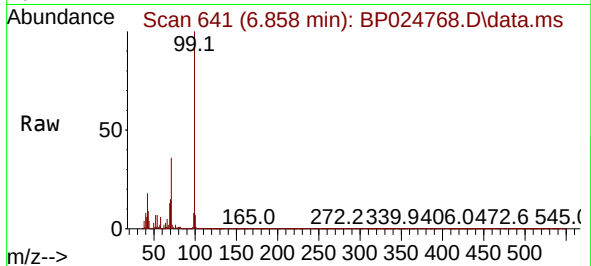




#7
Phenol-d6
Concen: 37.670 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

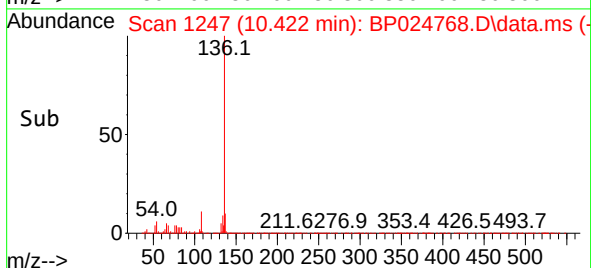
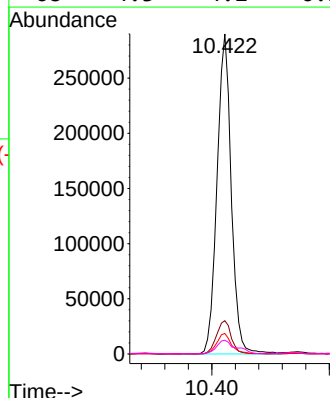
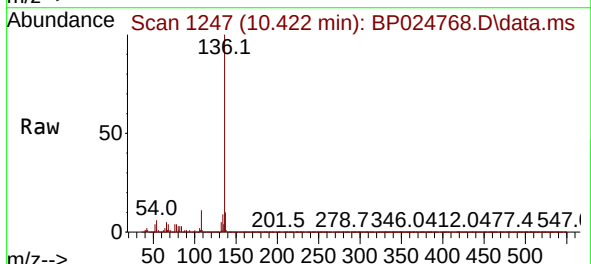
Instrument :
BNA_P
ClientSampleId :
WATER-COMP

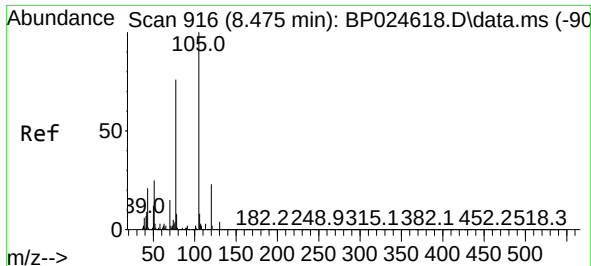
Tgt Ion: 99 Resp: 328824
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 36.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

Tgt Ion: 136 Resp: 487788
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.4 5.5 8.3
68 4.3 4.2 6.2

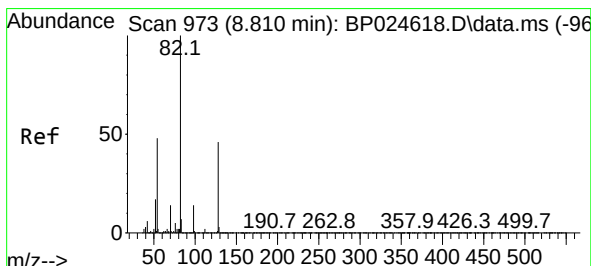
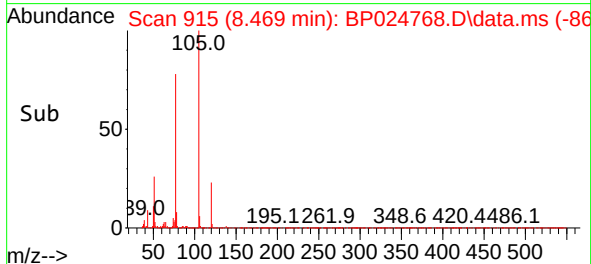
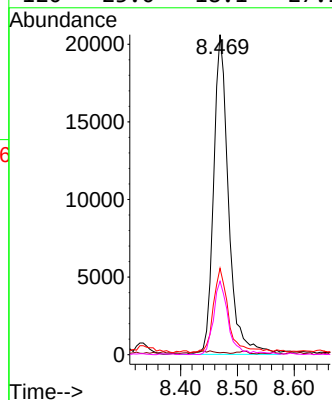
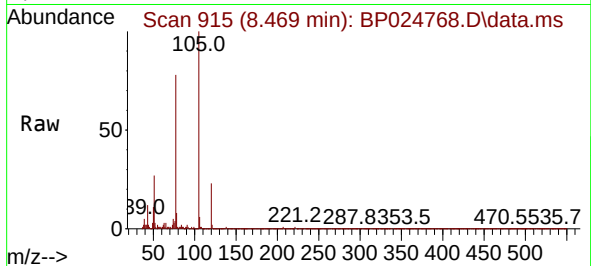




#22
Acetophenone
Concen: 3.090 ng
RT: 8.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

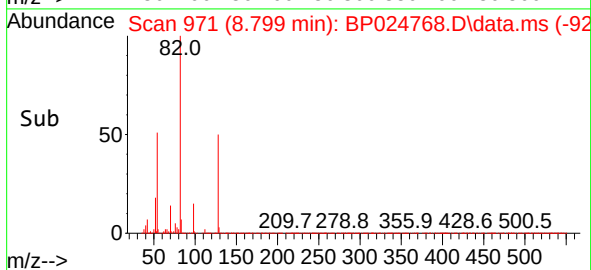
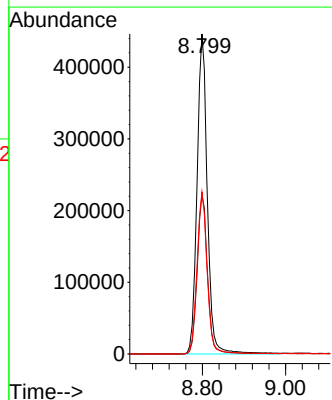
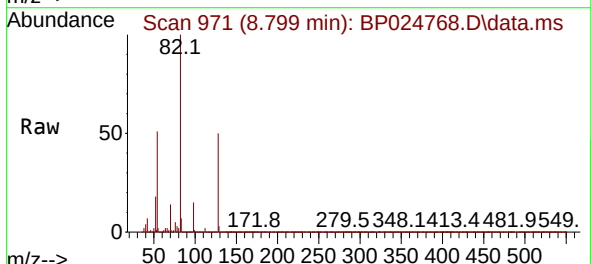
Instrument :
BNA_P
ClientSampleId :
WATER-COMP

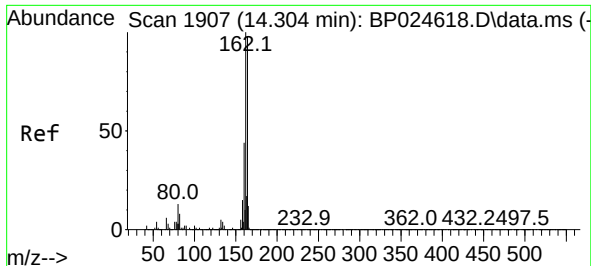
Tgt Ion:105 Resp: 37654
Ion Ratio Lower Upper
105 100
71 0.6 2.0 3.0#
51 27.0 20.4 30.6
120 23.0 18.1 27.1



#23
Nitrobenzene-d5
Concen: 79.351 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.012 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

Tgt Ion: 82 Resp: 766065
Ion Ratio Lower Upper
82 100
128 49.8 37.0 55.4
54 50.6 38.7 58.1

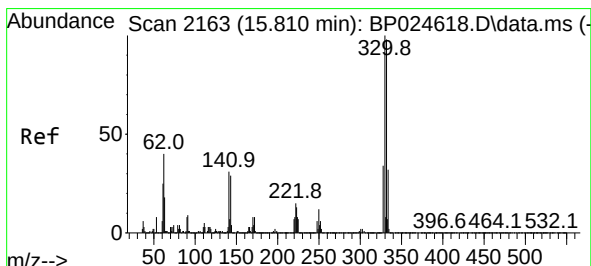
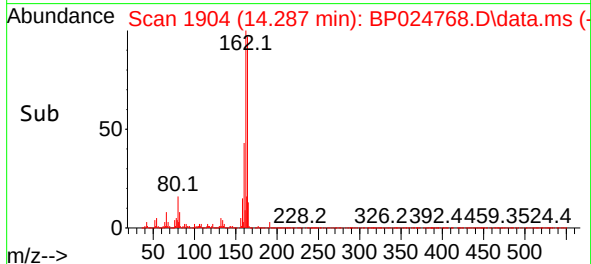
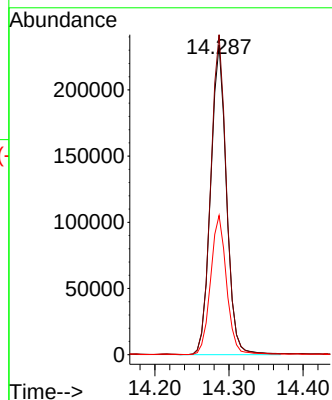
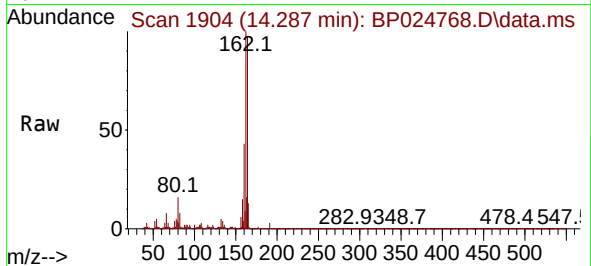




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

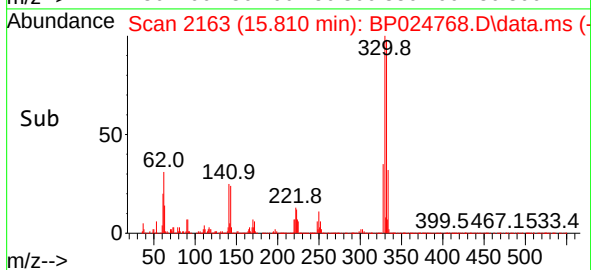
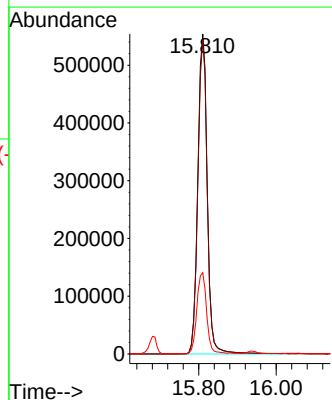
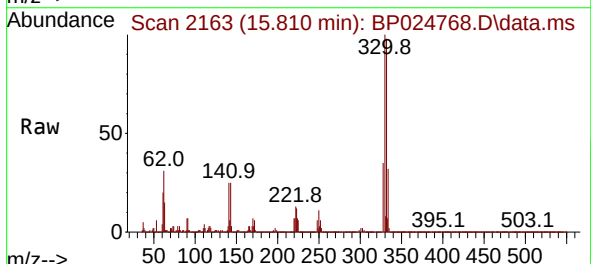
Instrument :
BNA_P
ClientSampleId :
WATER-COMP

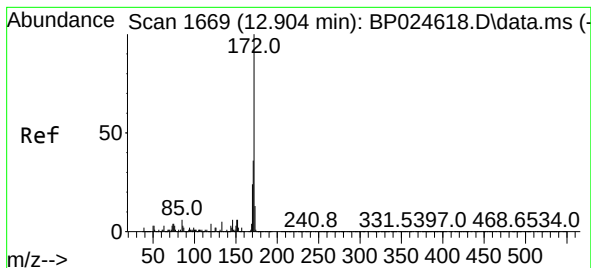
Tgt Ion:164 Resp: 346602
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 44.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 160.286 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

Tgt Ion:330 Resp: 941828
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 26.0 24.3 36.5

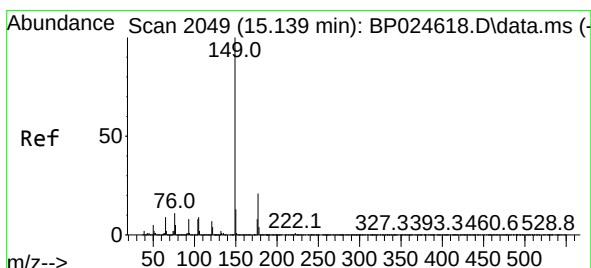
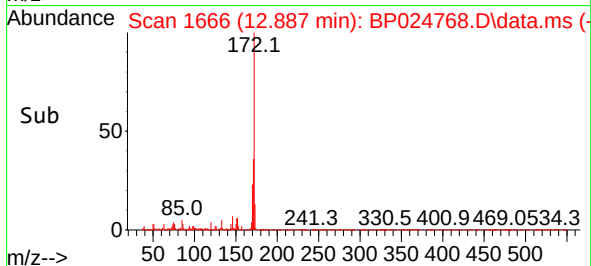
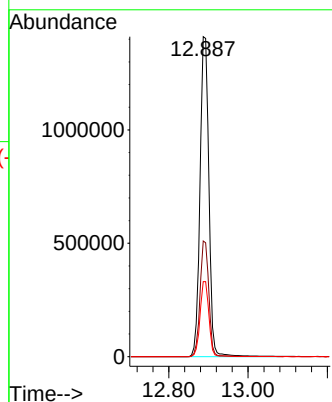
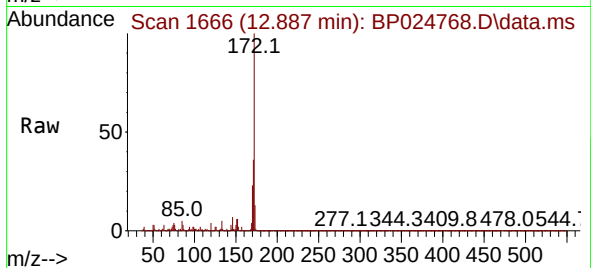




#45
2-Fluorobiphenyl
Concen: 82.571 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

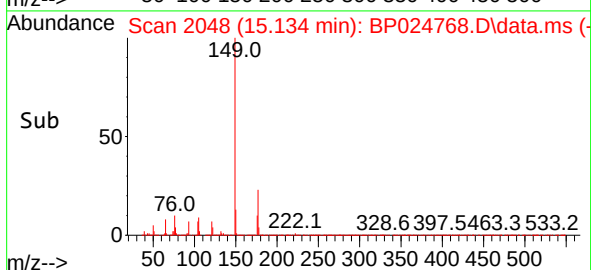
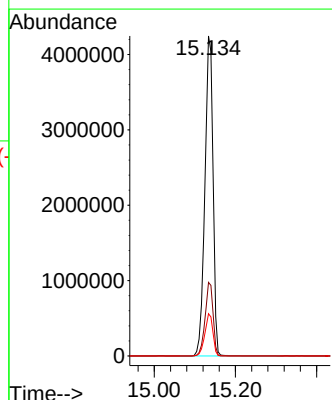
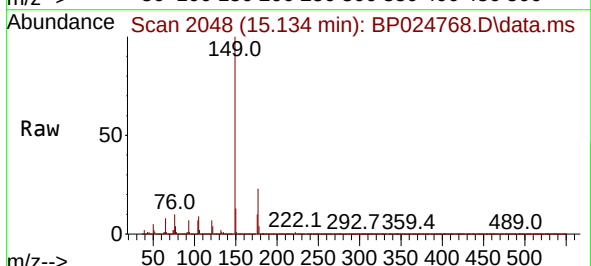
Instrument :
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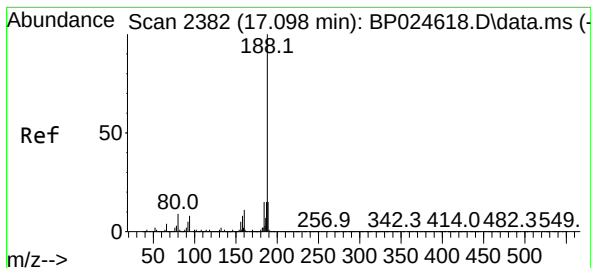
Tgt Ion:172 Resp: 2184475
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.5 18.8 28.2



#60
Diethylphthalate
Concen: 221.012 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024768.D
Acq: 22 May 2025 21:07

Tgt Ion:149 Resp: 5901284
Ion Ratio Lower Upper
149 100
177 23.0 16.7 25.1
150 13.2 10.2 15.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024768.D

Acq: 22 May 2025 21:07

Instrument :

BNA_P

ClientSampleId :

WATER-COMP

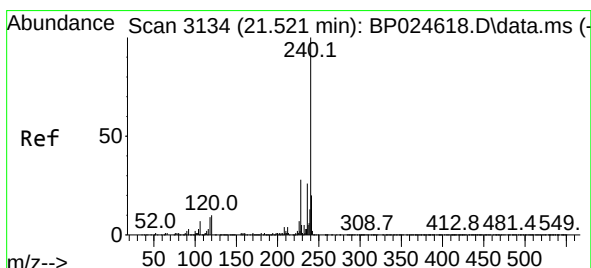
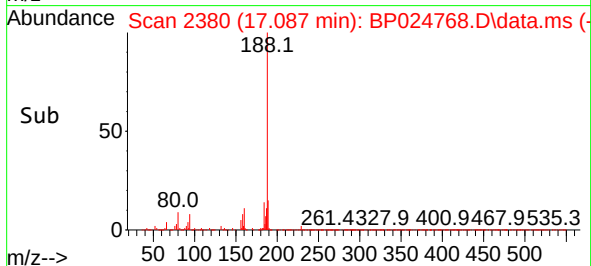
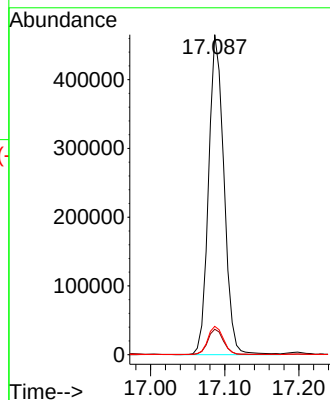
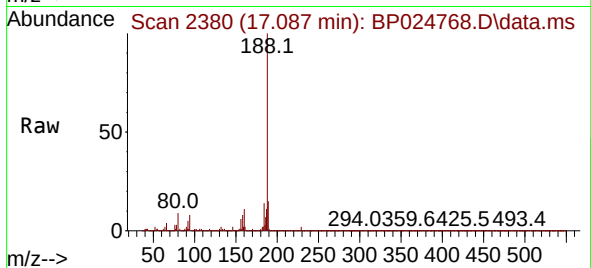
Tgt Ion:188 Resp: 671792

Ion Ratio Lower Upper

188 100

94 8.0 6.5 9.7

80 8.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024768.D

Acq: 22 May 2025 21:07

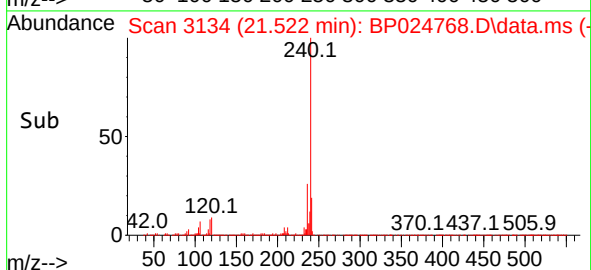
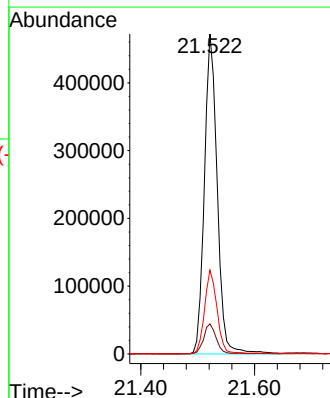
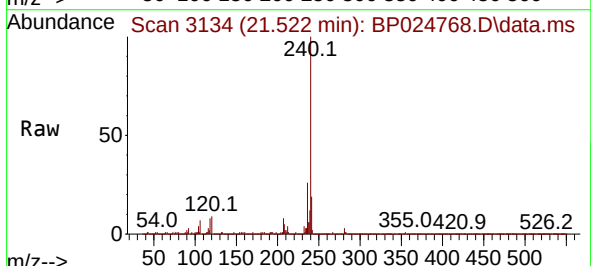
Tgt Ion:240 Resp: 738825

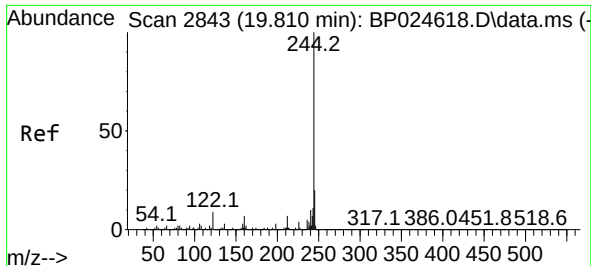
Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 26.2 20.6 31.0

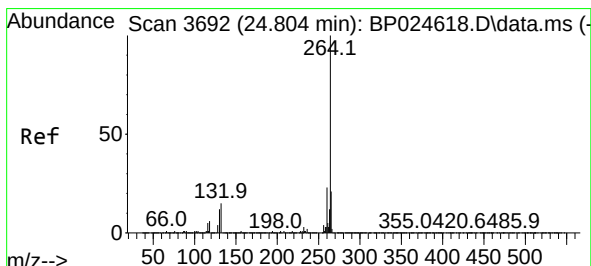
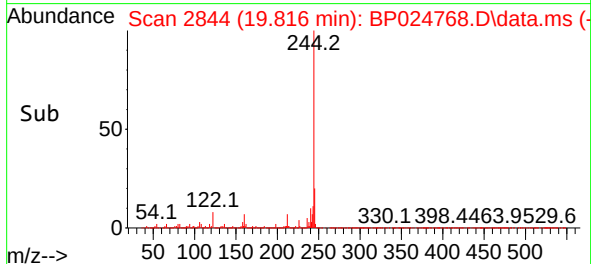
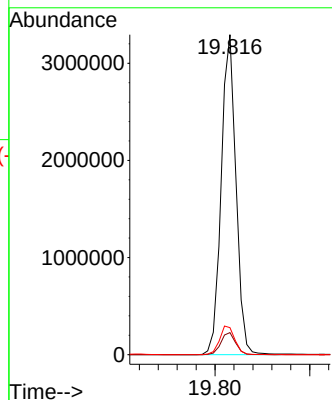
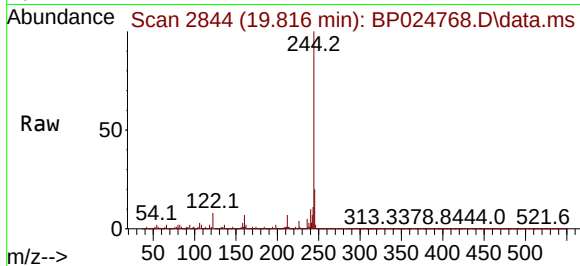




#79
 Terphenyl-d14
 Concen: 82.890 ng
 RT: 19.816 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024768.D
 Acq: 22 May 2025 21:07

Instrument :
 BNA_P
 ClientSampleId :
 WATER-COMP

Tgt Ion:244 Resp: 3571566
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.5 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: BP024768.D
 Acq: 22 May 2025 21:07

Tgt Ion:264 Resp: 850904
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 22.1 17.0 25.6

