

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
 Data File : BP024488.D
 Acq On : 01 May 2025 12:03
 Operator : RC/JU
 Sample : Q1905-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-G

Quant Time: May 01 12:23:40 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)

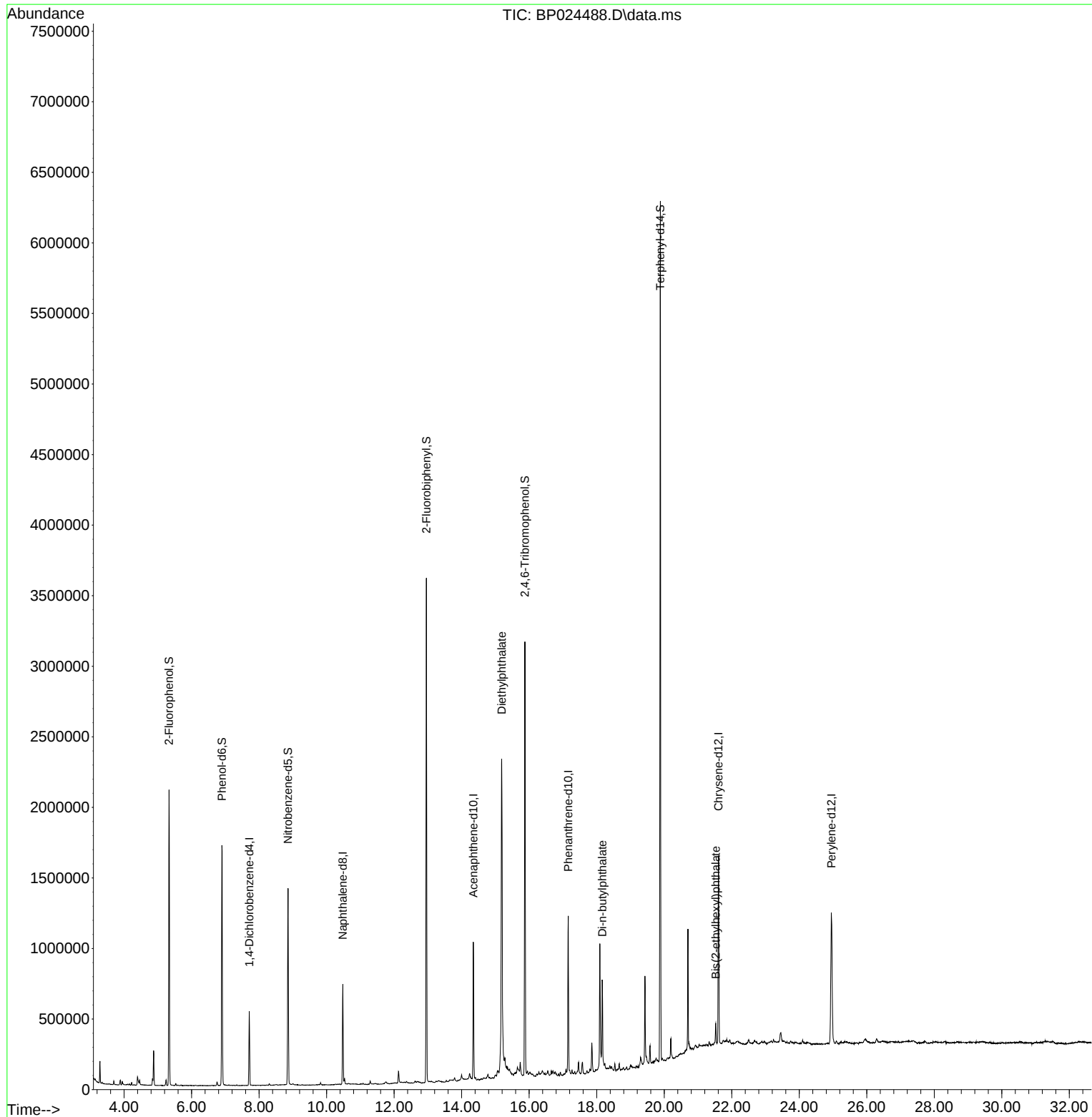
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	141491	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	538634	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	324324	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	646739	20.000	ng	# 0.01
76) Chrysene-d12	21.610	240	782653	20.000	ng	# 0.02
86) Perylene-d12	24.951	264	1011116	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	896035	104.710	ng	-0.01
7) Phenol-d6	6.899	99	1004507	85.728	ng	-0.01
23) Nitrobenzene-d5	8.857	82	774711	82.013	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	671996	149.759	ng	0.01
45) 2-Fluorobiphenyl	12.957	172	1704233	80.456	ng	0.00
79) Terphenyl-d14	19.886	244	3288358	84.688	ng	0.01
Target Compounds						
60) Diethylphthalate	15.186	149	2225821	91.578	ng	Qvalue 100
74) Di-n-butylphthalate	18.169	149	548817	13.259	ng	99
84) Bis(2-ethylhexyl)phtha...	21.527	149	73315	2.348	ng	96

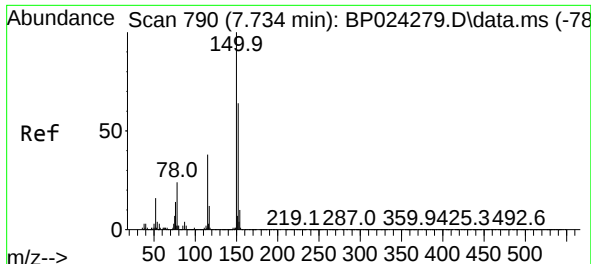
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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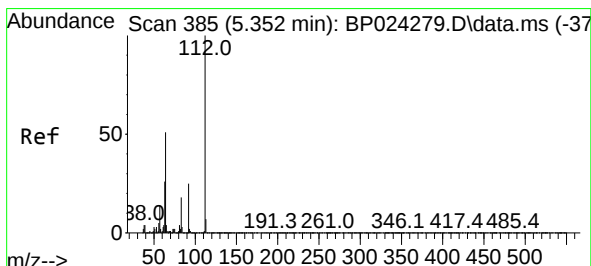
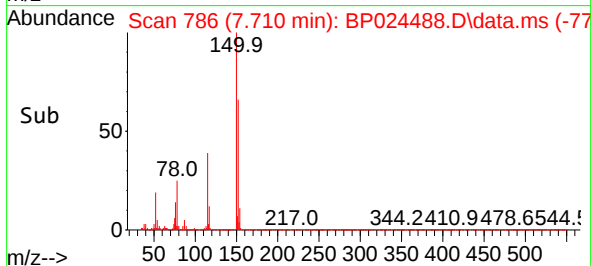
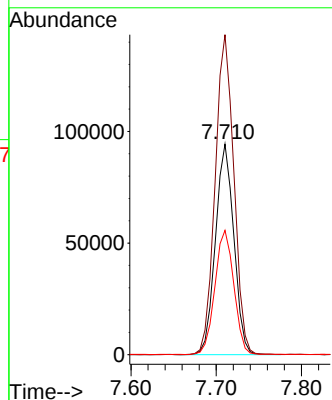
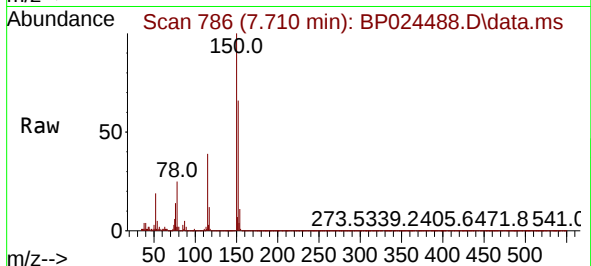




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

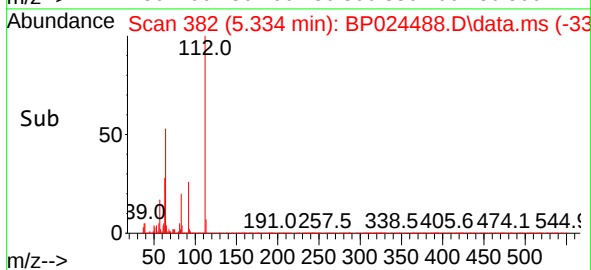
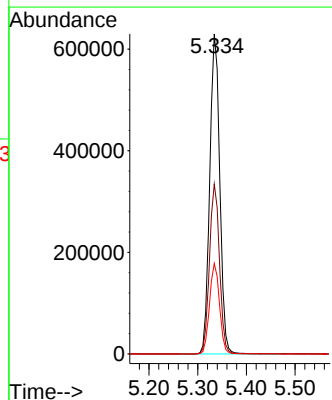
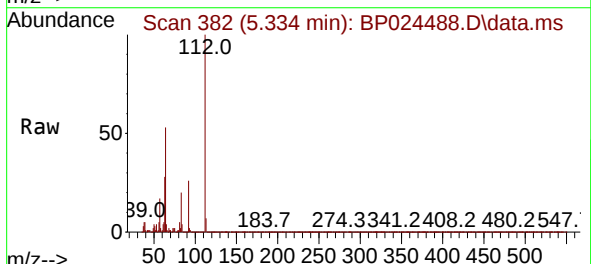
Instrument :
BNA_P
ClientSampleId :
MH-G

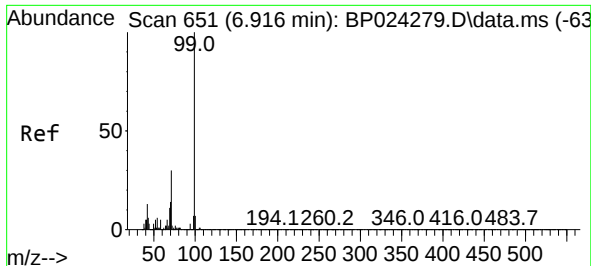
Tgt Ion:152 Resp: 141491
Ion Ratio Lower Upper
152 100
150 152.0 124.9 187.3
115 59.0 47.7 71.5



#5
2-Fluorophenol
Concen: 104.710 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

Tgt Ion:112 Resp: 896035
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 28.2 20.6 30.8

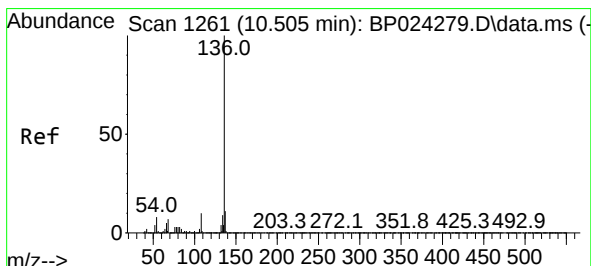
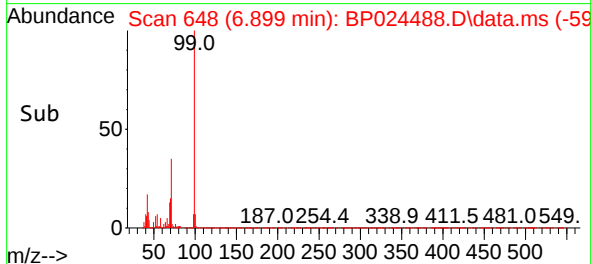
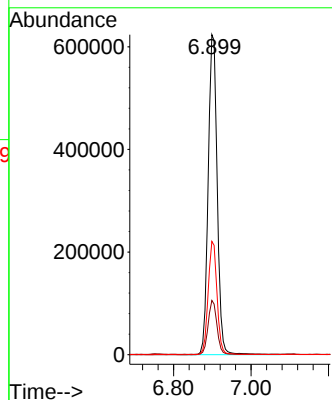
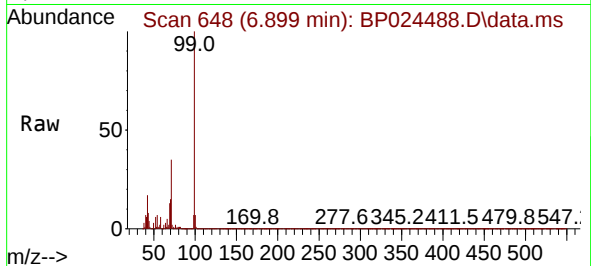




#7
Phenol-d6
Concen: 85.728 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

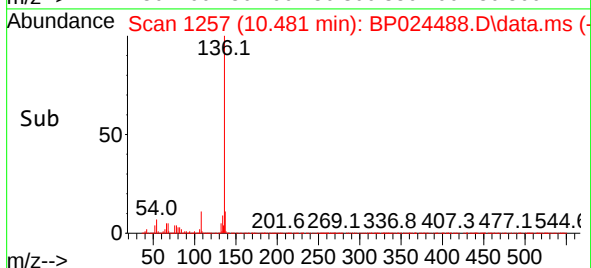
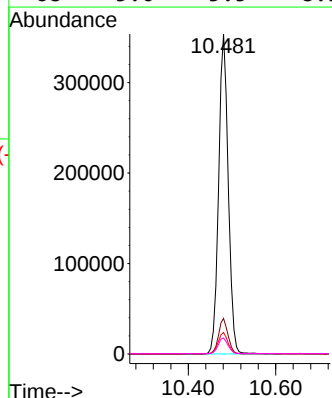
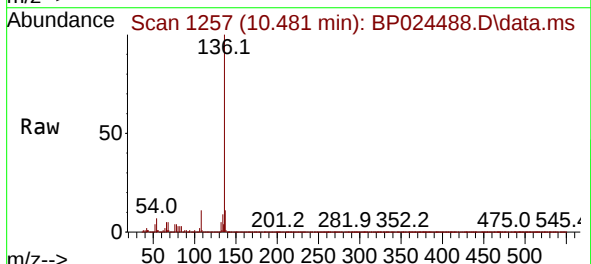
Instrument :
BNA_P
ClientSampleId :
MH-G

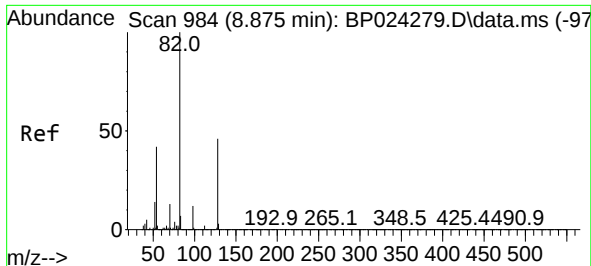
Tgt Ion: 99 Resp: 1004507
Ion Ratio Lower Upper
99 100
42 16.9 10.6 16.0#
71 35.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

Tgt Ion: 136 Resp: 538634
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.7 6.0 9.0
68 5.0 5.5 8.3#

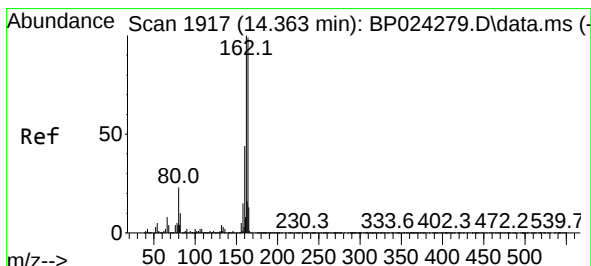
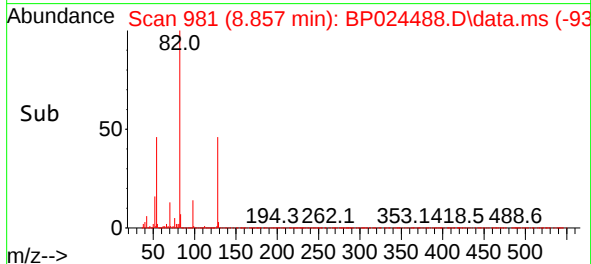
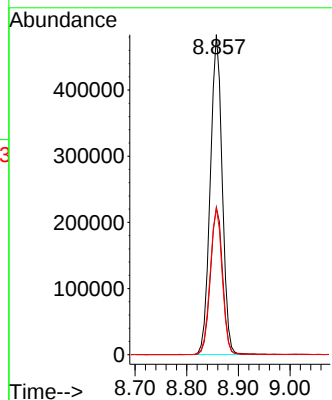
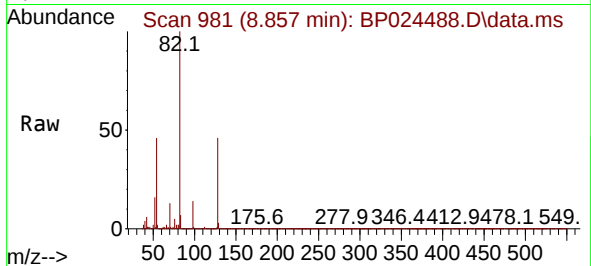




#23
Nitrobenzene-d5
Concen: 82.013 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

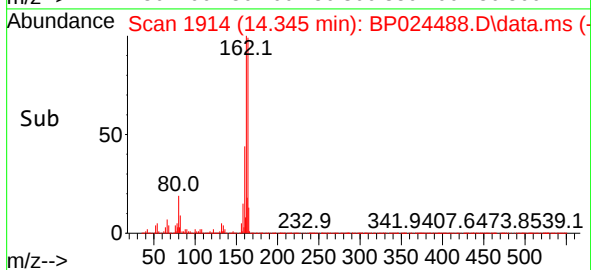
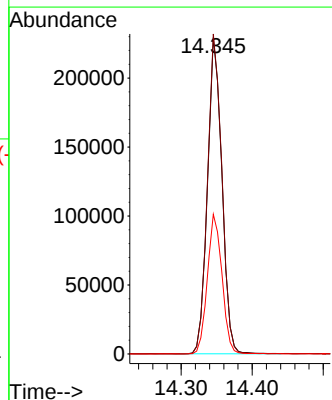
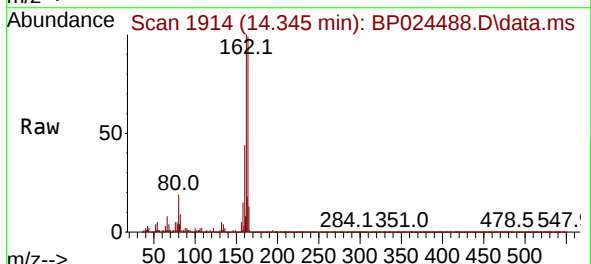
Instrument :
BNA_P
ClientSampleId :
MH-G

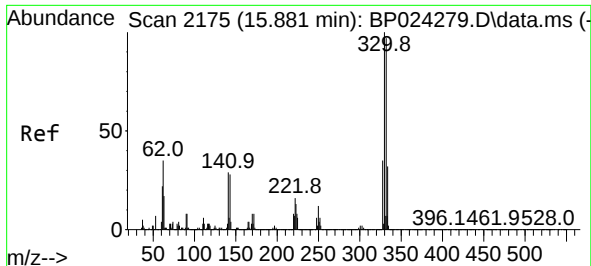
Tgt Ion: 82 Resp: 774711
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 45.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

Tgt Ion: 164 Resp: 324324
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.2 35.3 52.9

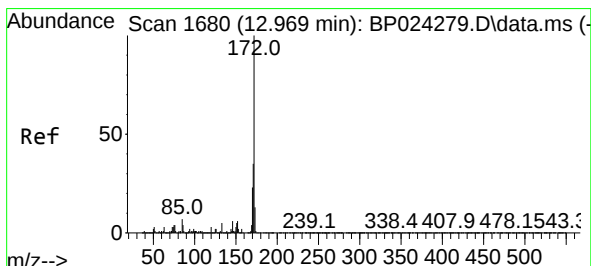
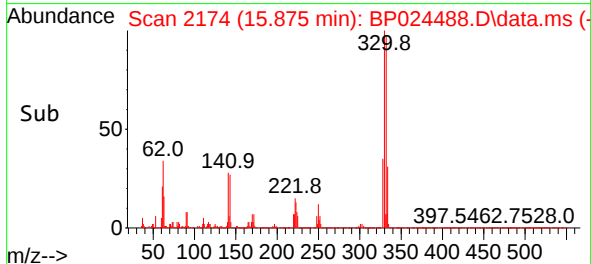
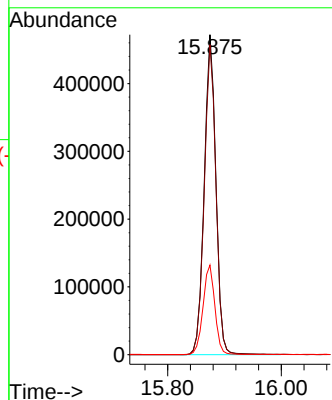
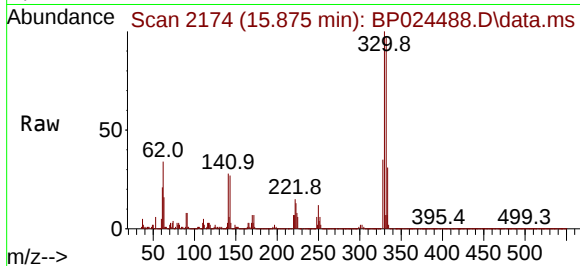




#42
2,4,6-Tribromophenol
Concen: 149.759 ng
RT: 15.875 min Scan# 2175
Delta R.T. 0.012 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

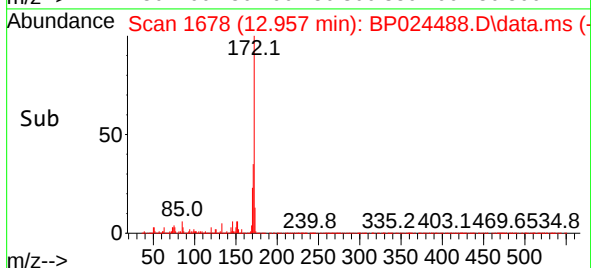
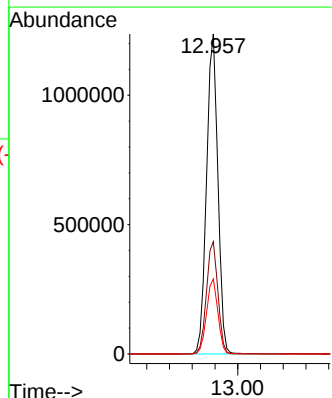
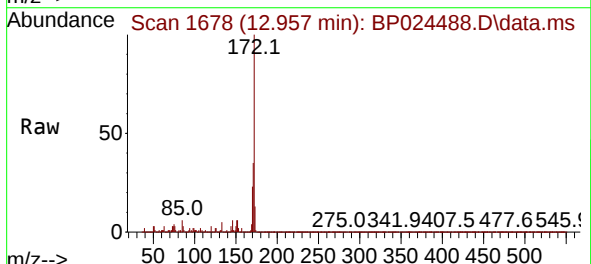
Instrument :
BNA_P
ClientSampleId :
MH-G

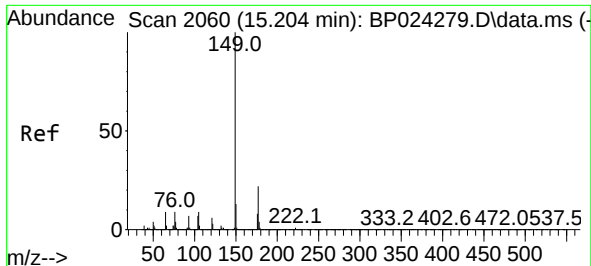
Tgt Ion:330 Resp: 671996
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 28.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 80.456 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

Tgt Ion:172 Resp: 1704233
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.5 18.6 27.8

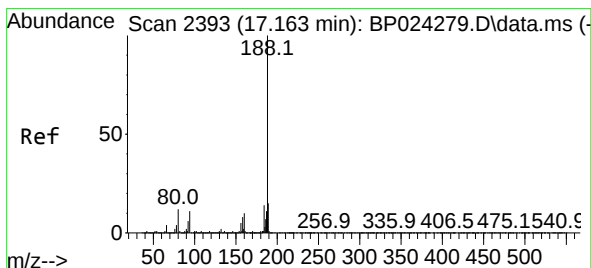
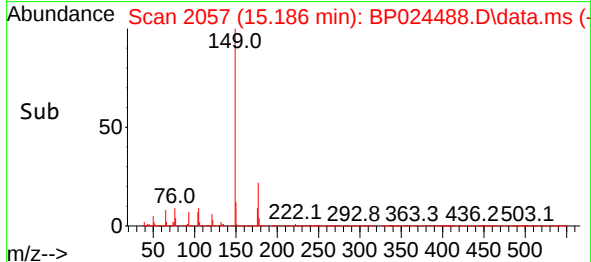
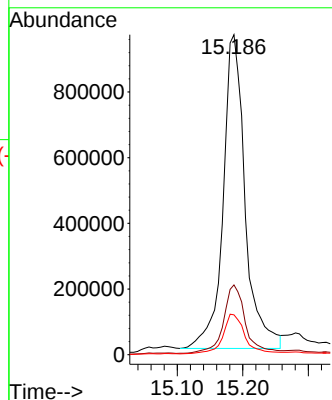
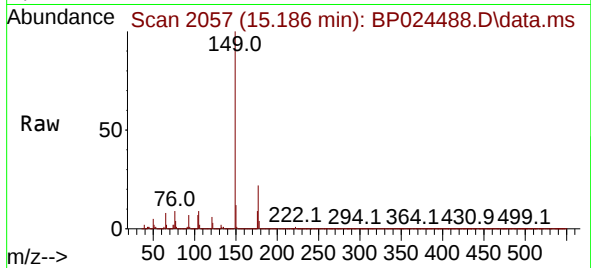




#60
Diethylphthalate
Concen: 91.578 ng
RT: 15.186 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

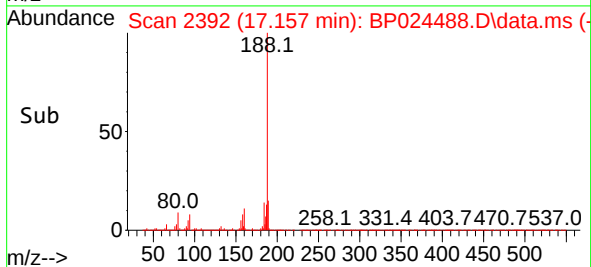
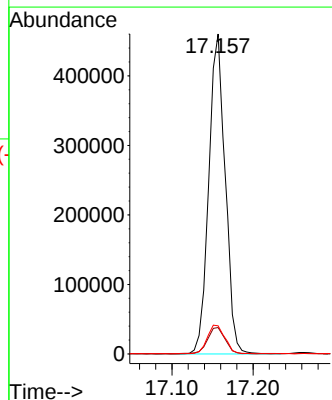
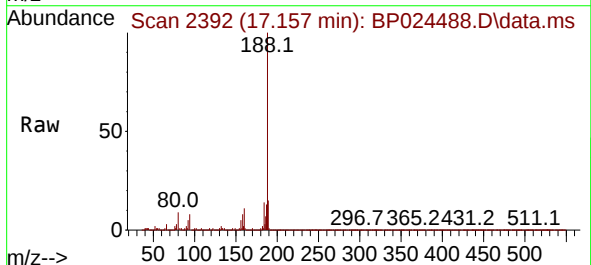
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ClientSampleId :
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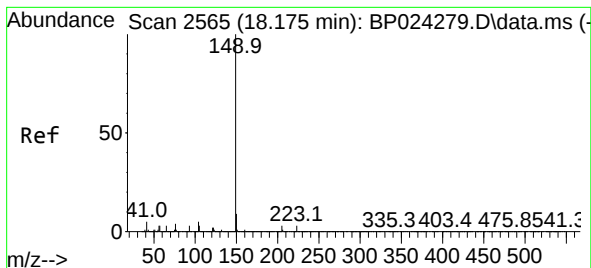
Tgt Ion:149 Resp: 2225821
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.5 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

Tgt Ion:188 Resp: 646739
Ion Ratio Lower Upper
188 100
94 8.3 8.6 13.0#
80 8.8 9.8 14.6#

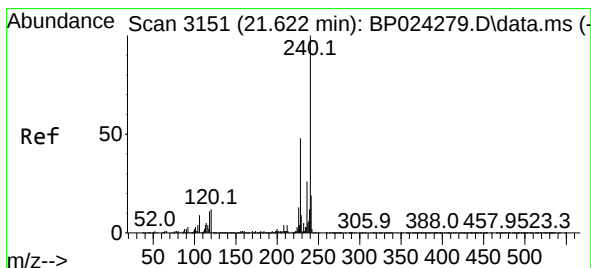
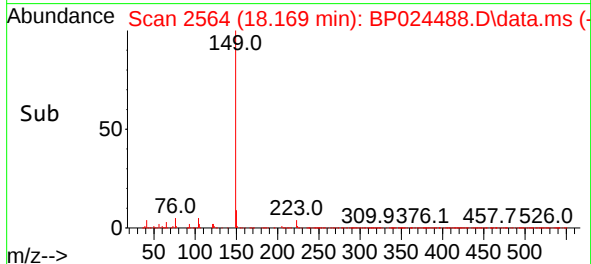
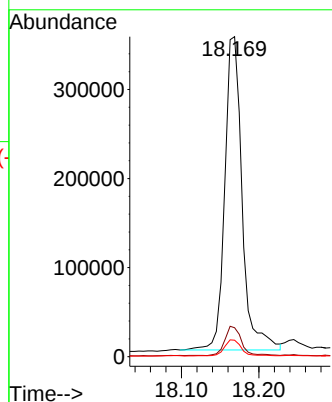
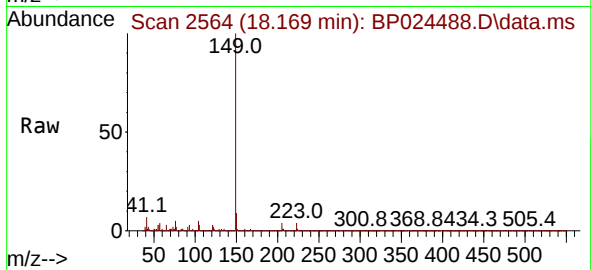




#74
Di-n-butylphthalate
Concen: 13.259 ng
RT: 18.169 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

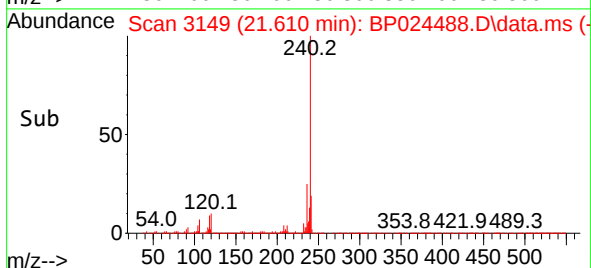
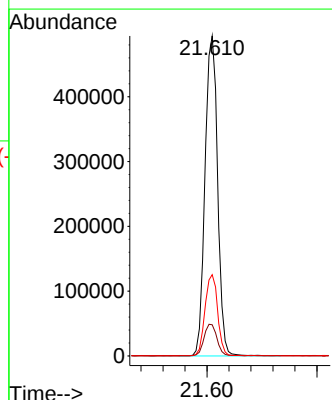
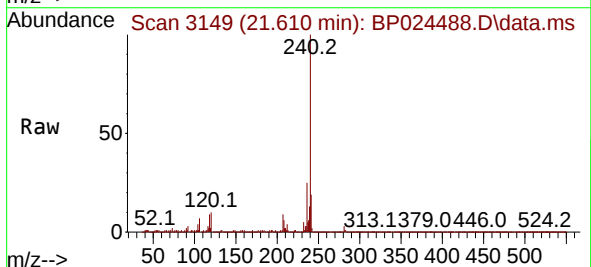
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BNA_P
ClientSampleId :
MH-G

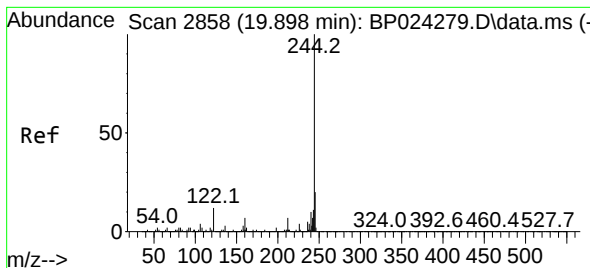
Tgt Ion:149 Resp: 548817
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.2 3.9 5.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3149
Delta R.T. 0.018 min
Lab File: BP024488.D
Acq: 01 May 2025 12:03

Tgt Ion:240 Resp: 782653
Ion Ratio Lower Upper
240 100
120 9.7 9.8 14.8#
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 84.688 ng

RT: 19.886 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024488.D

Acq: 01 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

MH-G

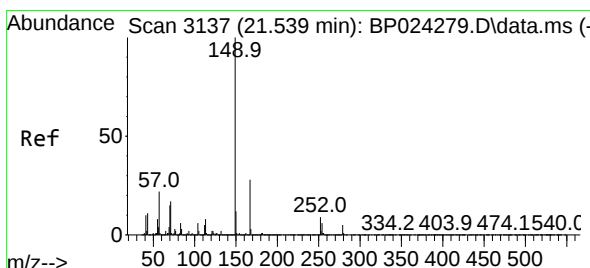
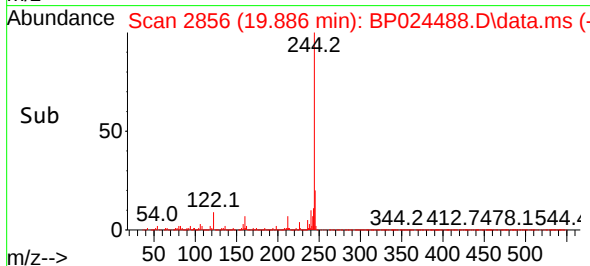
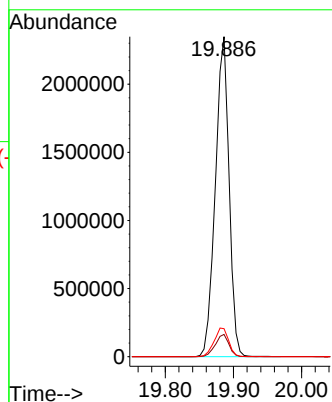
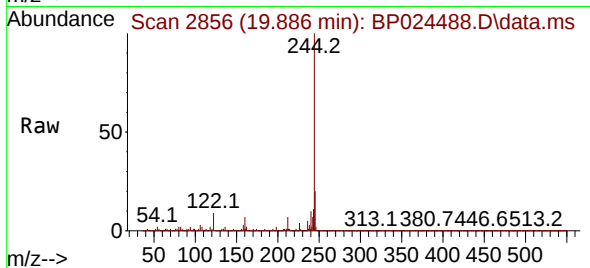
Tgt Ion:244 Resp: 3288358

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 8.7 9.4 14.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.348 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.018 min

Lab File: BP024488.D

Acq: 01 May 2025 12:03

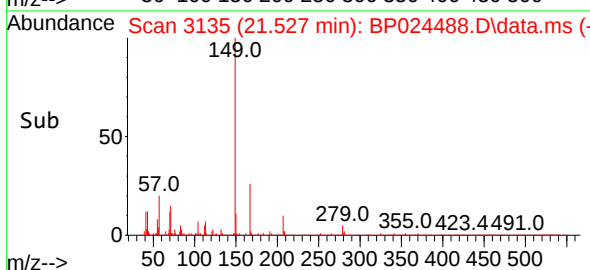
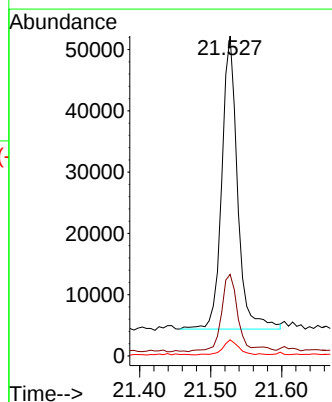
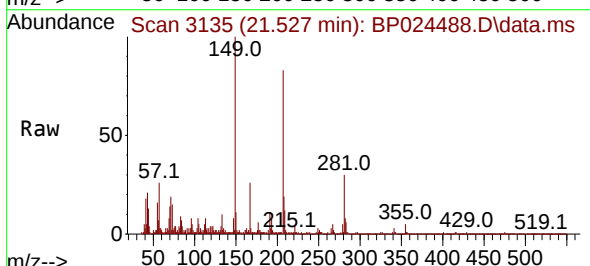
Tgt Ion:149 Resp: 73315

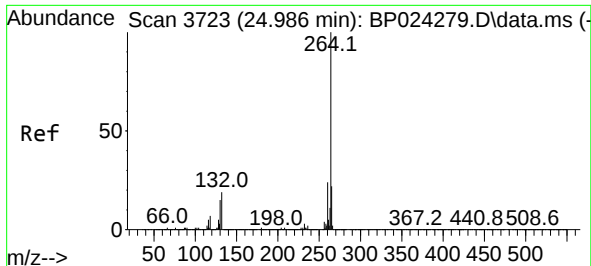
Ion Ratio Lower Upper

149 100

167 25.5 22.4 33.6

279 5.0 4.0 6.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.951 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BP024488.D
 Acq: 01 May 2025 12:03

Instrument :
 BNA_P
 ClientSampleId :
 MH-G

Tgt Ion:264 Resp: 1011116
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.5 17.8 26.6

