

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024641.D
 Acq On : 15 May 2025 17:21
 Operator : RC/JU
 Sample : Q1984-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-34-050725

Quant Time: May 15 17:46:48 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)

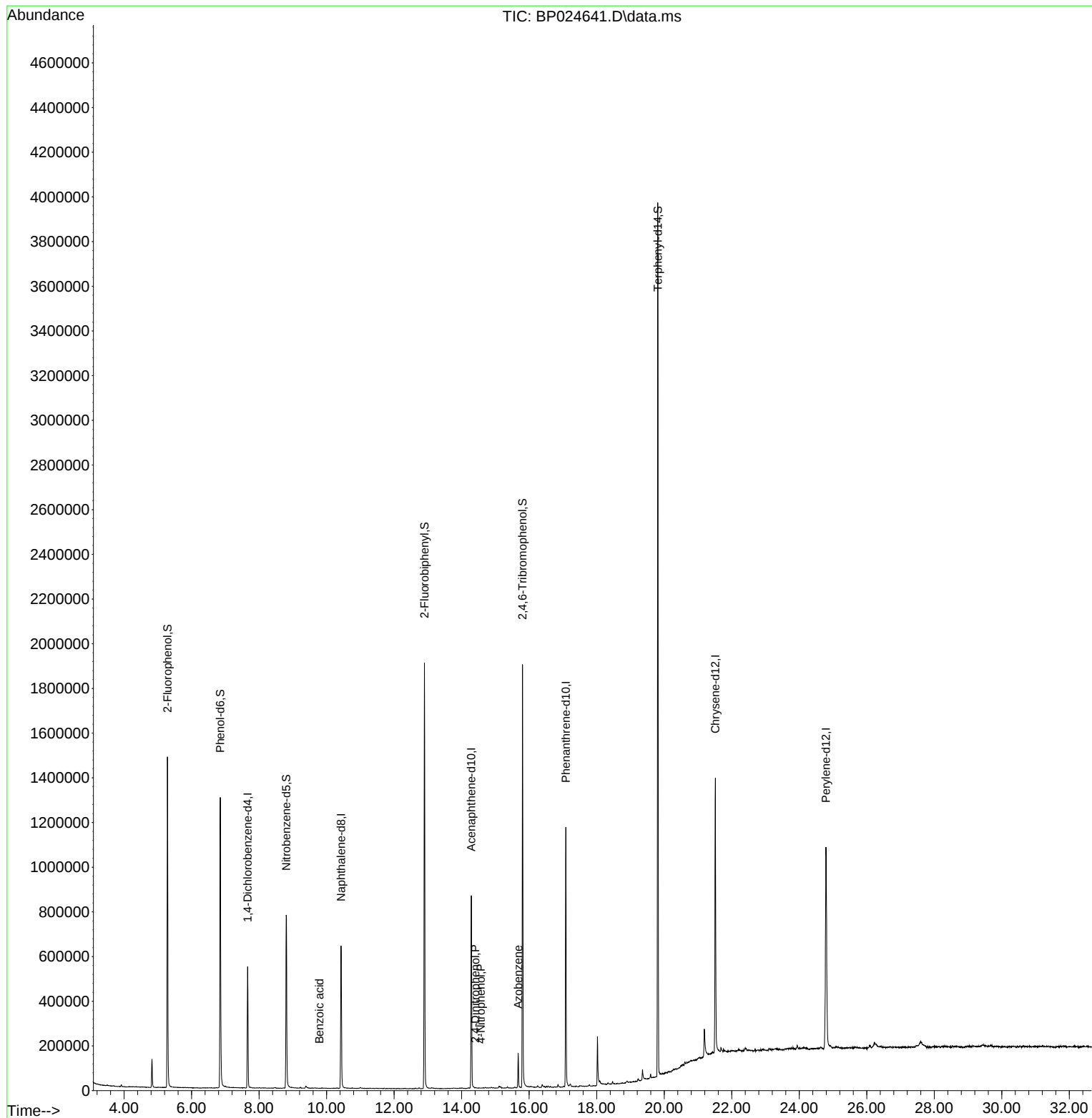
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	147407	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	562047	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	312484	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	620892	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	744641	20.000	ng	0.00
86) Perylene-d12	24.792	264	905508	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	647895	75.175	ng	0.00
7) Phenol-d6	6.852	99	782371	71.128	ng	0.00
23) Nitrobenzene-d5	8.804	82	478141	42.984	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	369037	69.662	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	988523	41.445	ng	0.00
79) Terphenyl-d14	19.810	244	1819545	41.899	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.787	122	42	7.474	ng	# 1
54) 2,4-Dinitrophenol	14.404	184	8	6.403	ng	# 1
56) 4-Nitrophenol	14.569	139	35	4.242	ng	# 2
63) Azobenzene	15.675	77	42331	2.056	ng	# 1

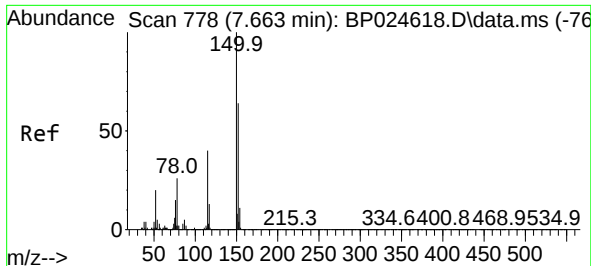
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
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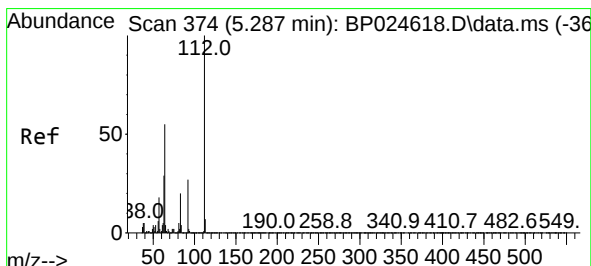
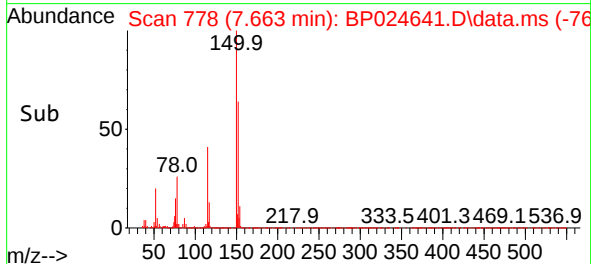
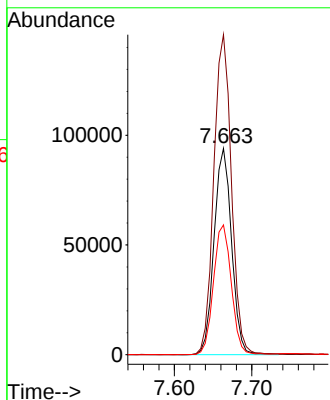
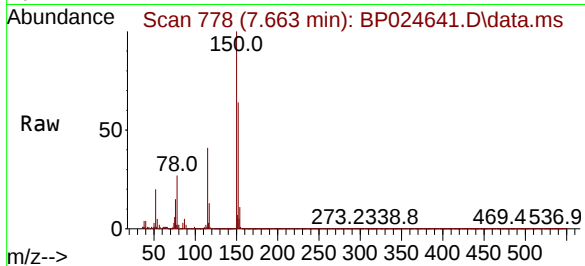




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024641.D
Acq: 15 May 2025 17:21

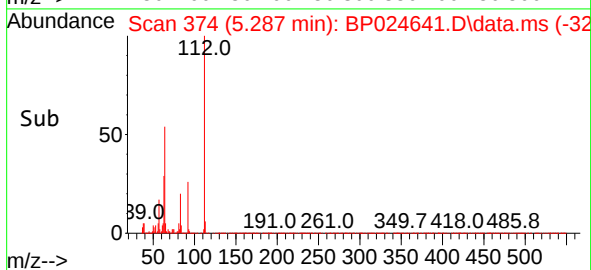
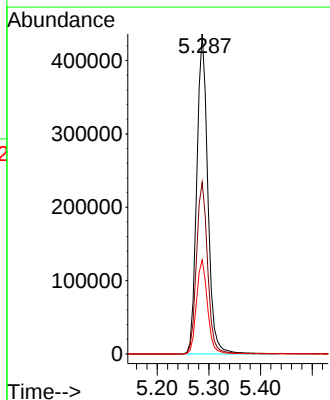
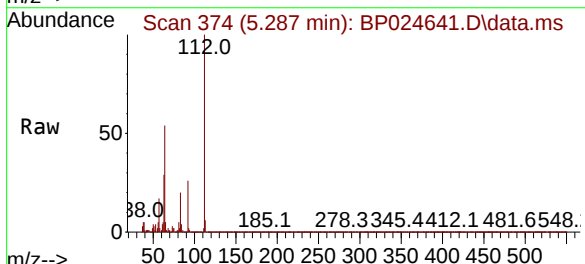
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-34-050725

Tgt Ion:152 Resp: 147407
Ion Ratio Lower Upper
152 100
150 155.1 125.9 188.9
115 62.9 50.1 75.1



#5
2-Fluorophenol
Concen: 75.175 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024641.D
Acq: 15 May 2025 17:21

Tgt Ion:112 Resp: 647895
Ion Ratio Lower Upper
112 100
64 53.7 44.1 66.1
63 29.4 23.5 35.3

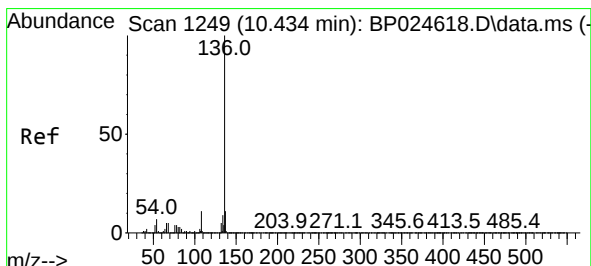
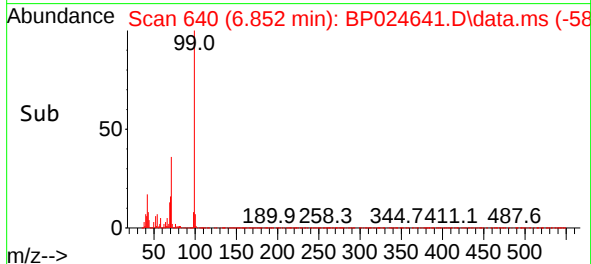
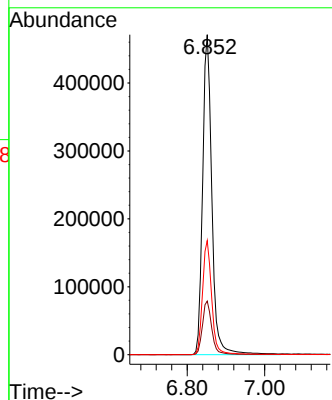
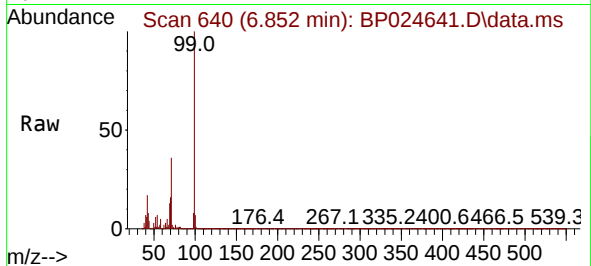




#7
Phenol-d6
Concen: 71.128 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024641.D
Acq: 15 May 2025 17:21

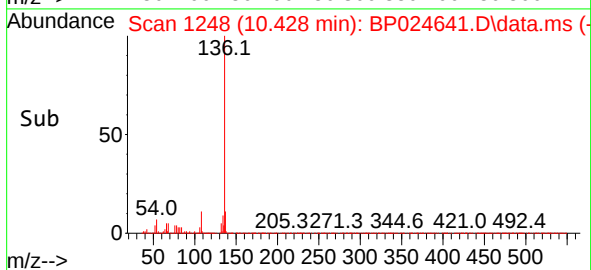
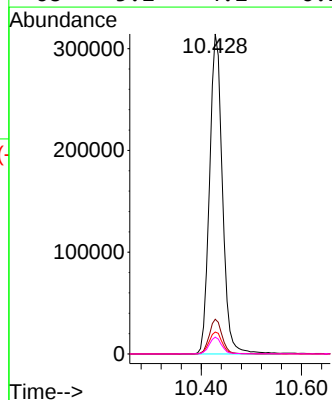
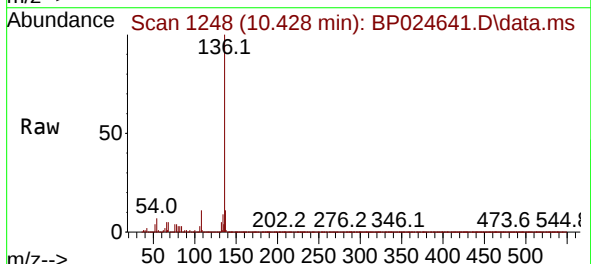
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-34-050725

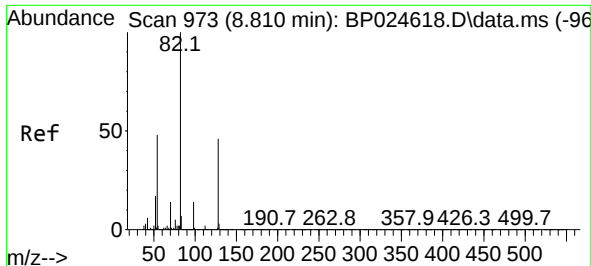
Tgt Ion: 99 Resp: 782371
Ion Ratio Lower Upper
99 100
42 16.8 14.4 21.6
71 35.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024641.D
Acq: 15 May 2025 17:21

Tgt Ion: 136 Resp: 562047
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 5.5 8.3
68 5.2 4.2 6.2

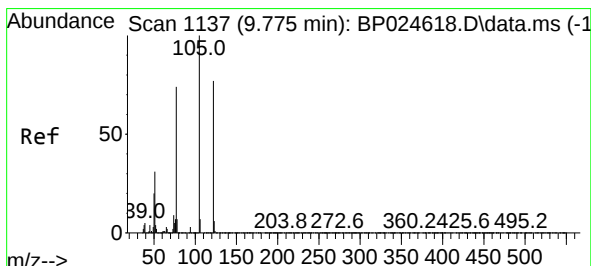
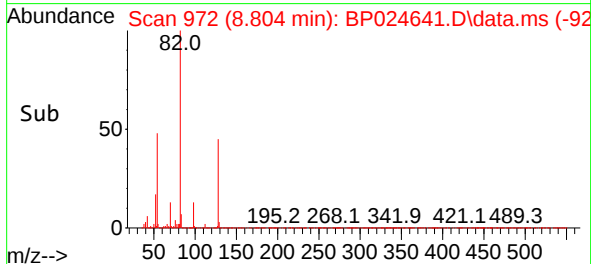
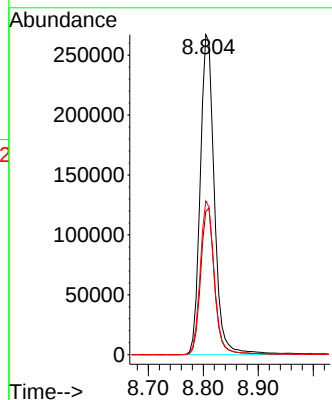
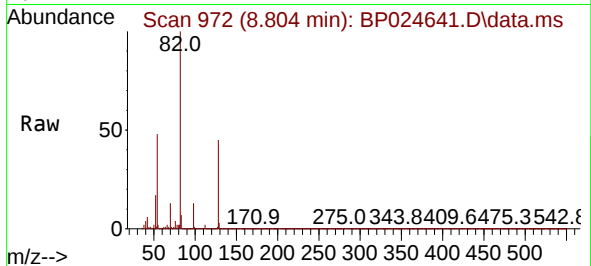




#23
Nitrobenzene-d5
Concen: 42.984 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024641.D
Acq: 15 May 2025 17:21

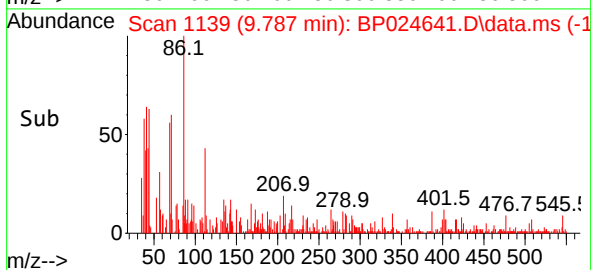
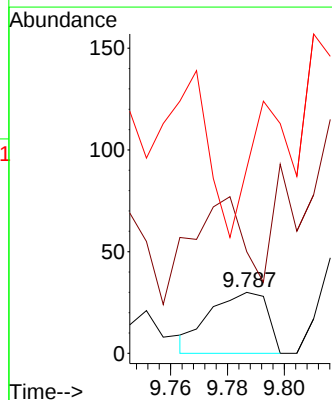
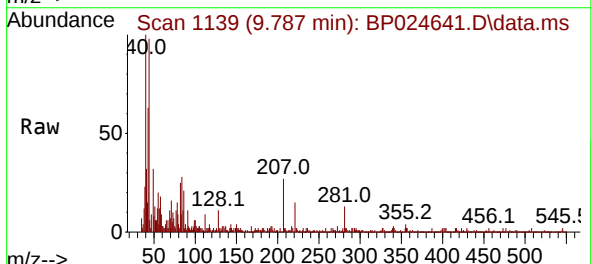
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-34-050725

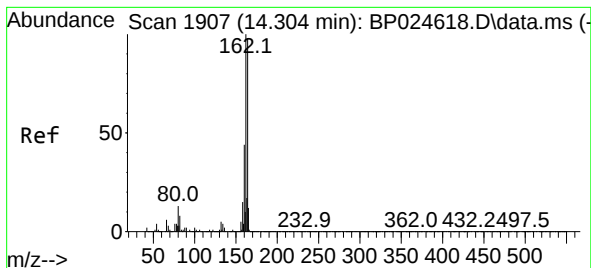
Tgt Ion: 82 Resp: 478141
Ion Ratio Lower Upper
82 100
128 44.8 37.0 55.4
54 48.1 38.7 58.1



#32
Benzoic acid
Concen: 7.474 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024641.D
Acq: 15 May 2025 17:21

Tgt Ion:122 Resp: 42
Ion Ratio Lower Upper
122 100
105 166.7 106.9 146.9#
77 303.3 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024641.D

Acq: 15 May 2025 17:21

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-34-050725

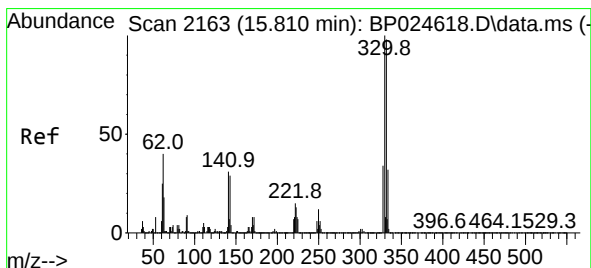
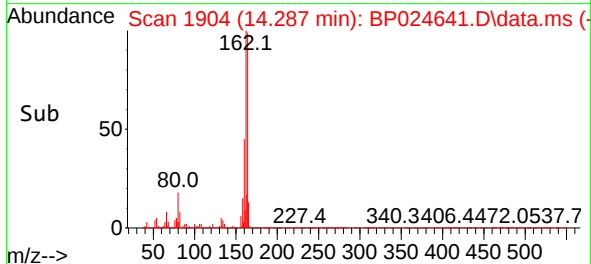
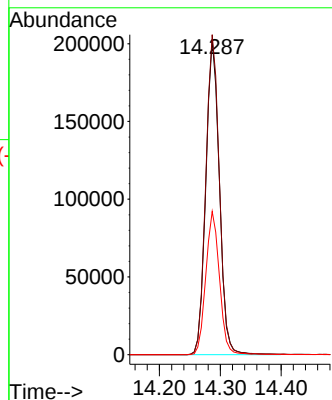
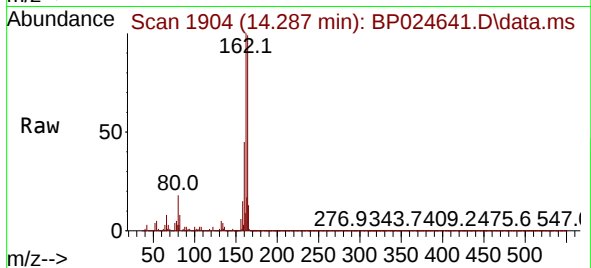
Tgt Ion:164 Resp: 312484

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 45.4 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 69.662 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024641.D

Acq: 15 May 2025 17:21

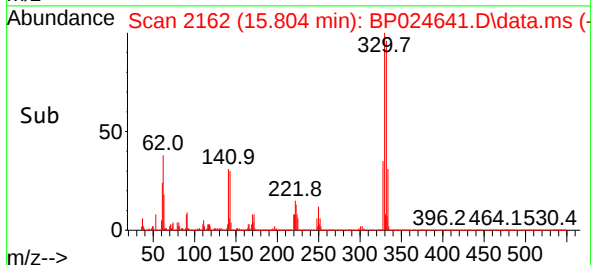
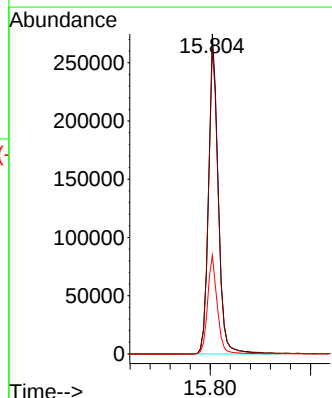
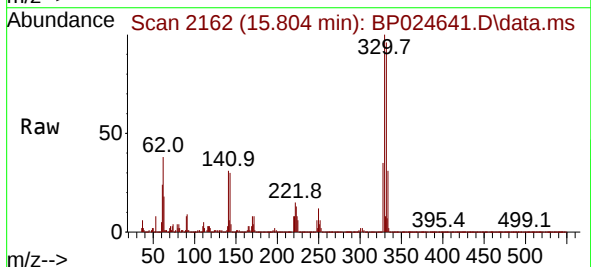
Tgt Ion:330 Resp: 369037

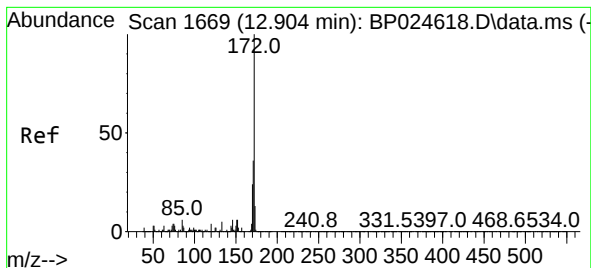
Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.4

141 30.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 41.445 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024641.D

Acq: 15 May 2025 17:21

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-34-050725

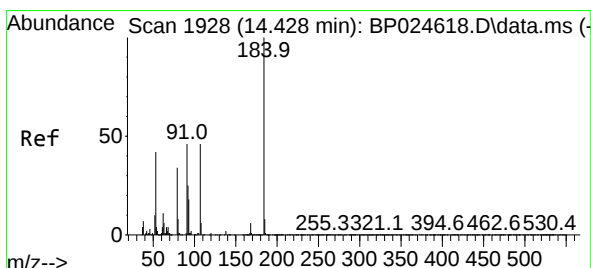
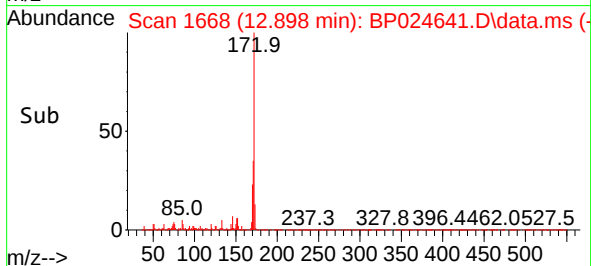
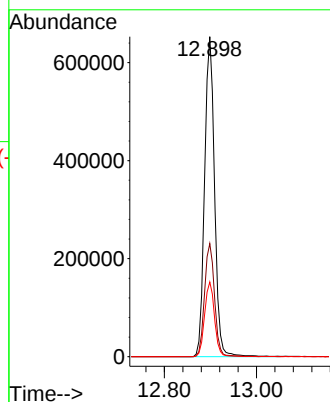
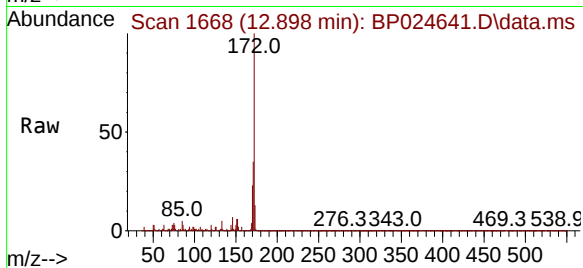
Tgt Ion:172 Resp: 988523

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.4 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.403 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.024 min

Lab File: BP024641.D

Acq: 15 May 2025 17:21

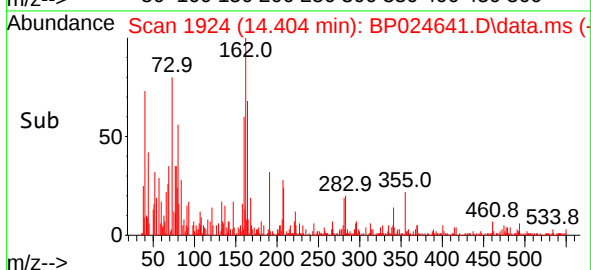
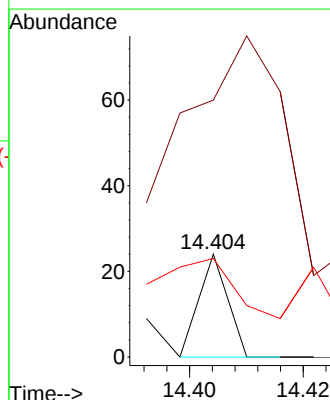
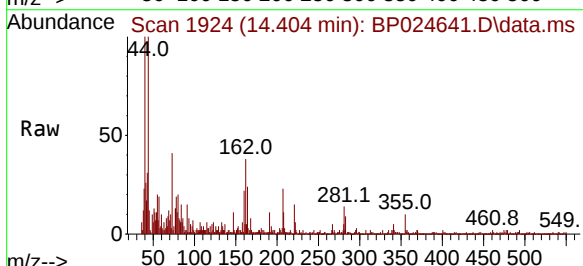
Tgt Ion:184 Resp: 8

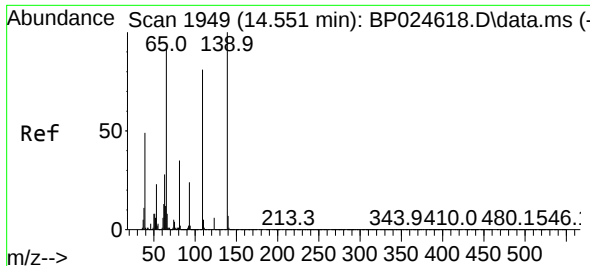
Ion Ratio Lower Upper

184 100

63 250.0 51.3 76.9#

154 95.8 53.5 80.3#

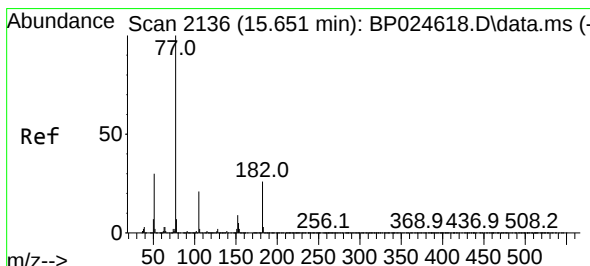
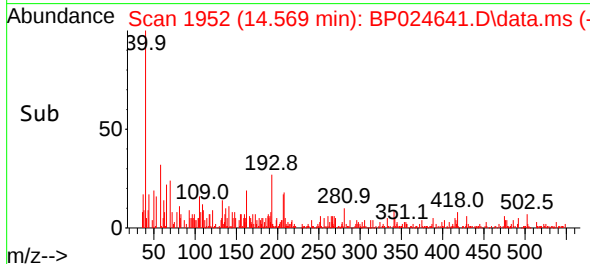
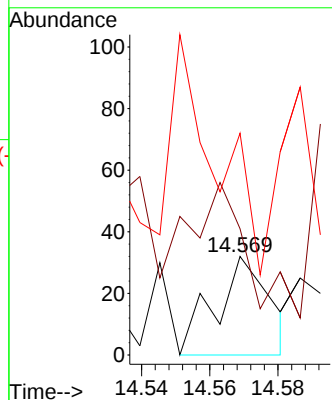
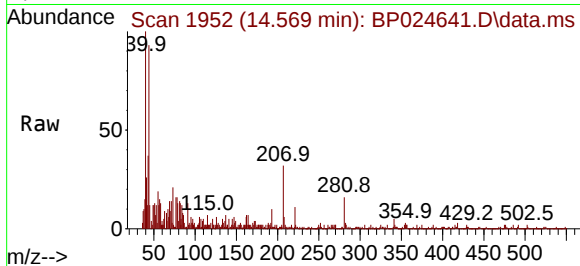




#56
4-Nitrophenol
Concen: 4.242 ng
RT: 14.569 min Scan# 1949
Delta R.T. 0.018 min
Lab File: BP024641.D
Acq: 15 May 2025 17:21

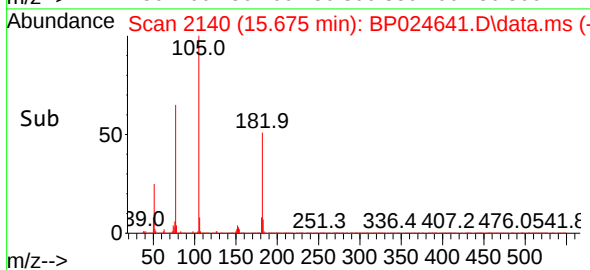
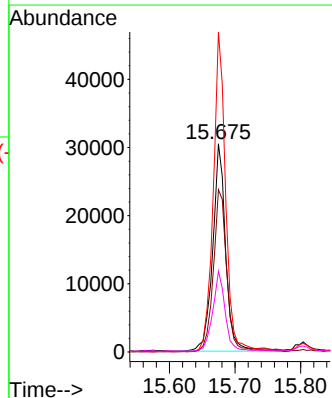
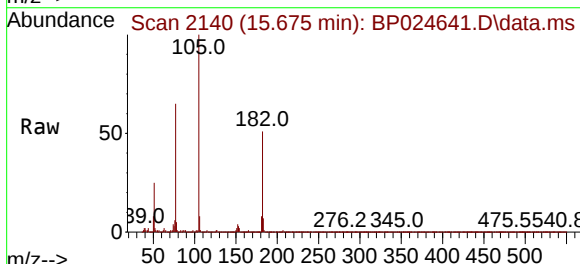
Instrument :
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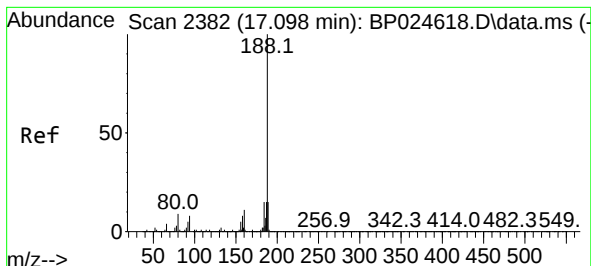
Tgt Ion:139 Resp: 35
Ion Ratio Lower Upper
139 100
109 128.1 61.4 101.4#
65 225.0 72.2 112.2#



#63
Azobenzene
Concen: 2.056 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.024 min
Lab File: BP024641.D
Acq: 15 May 2025 17:21

Tgt Ion: 77 Resp: 42331
Ion Ratio Lower Upper
77 100
182 78.0 5.7 45.7#
105 153.7 1.3 41.3#
51 38.9 10.6 50.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024641.D

Acq: 15 May 2025 17:21

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-34-050725

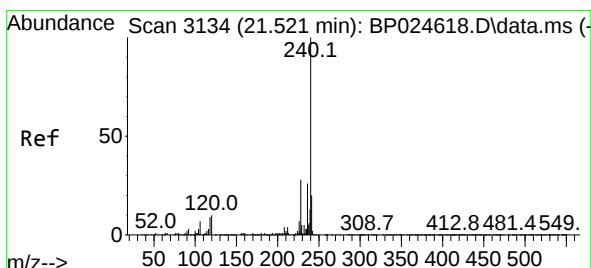
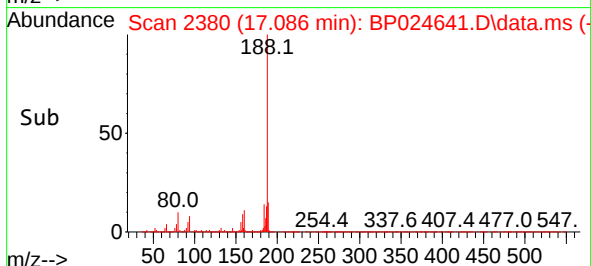
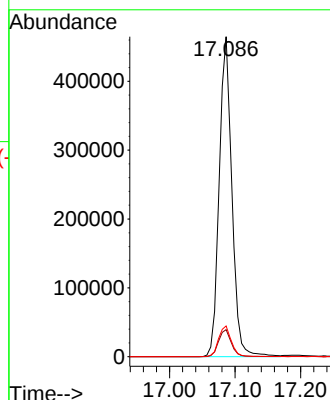
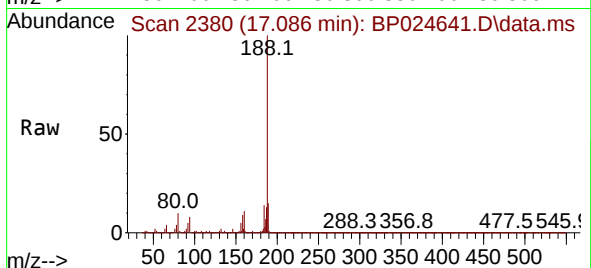
Tgt Ion:188 Resp: 620892

Ion Ratio Lower Upper

188 100

94 8.4 6.5 9.7

80 9.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024641.D

Acq: 15 May 2025 17:21

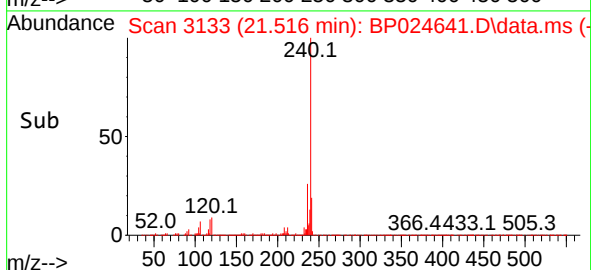
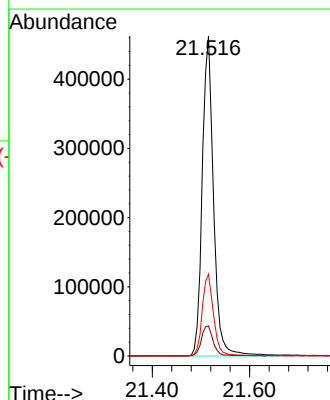
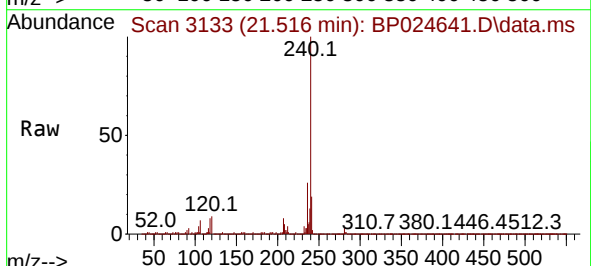
Tgt Ion:240 Resp: 744641

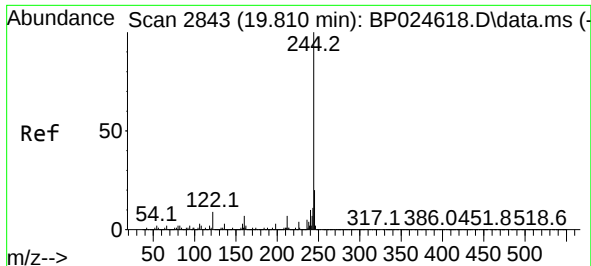
Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 25.6 20.6 31.0

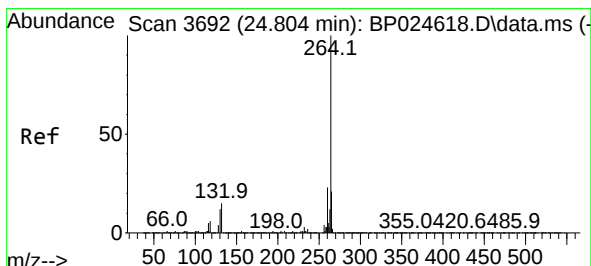
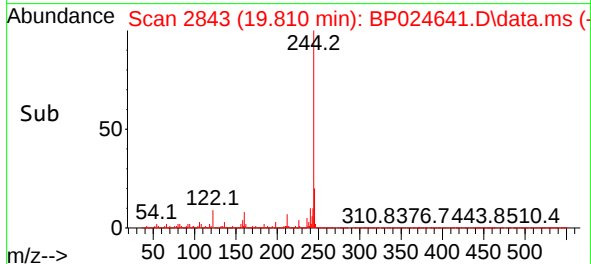
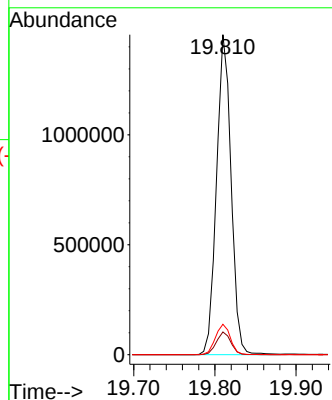
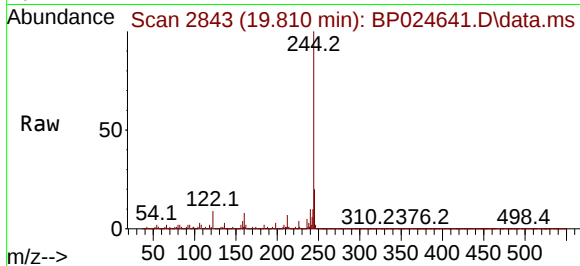




#79
 Terphenyl-d14
 Concen: 41.899 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024641.D
 Acq: 15 May 2025 17:21

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-34-050725

Tgt Ion:244 Resp: 1819545
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.5 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.792 min Scan# 3690
 Delta R.T. -0.012 min
 Lab File: BP024641.D
 Acq: 15 May 2025 17:21

Tgt Ion:264 Resp: 905508
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.6 17.0 25.6

