

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024724.D
 Acq On : 21 May 2025 03:30
 Operator : RC/JU
 Sample : Q1984-09RX
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-25-050725

Quant Time: May 21 03:57:07 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)

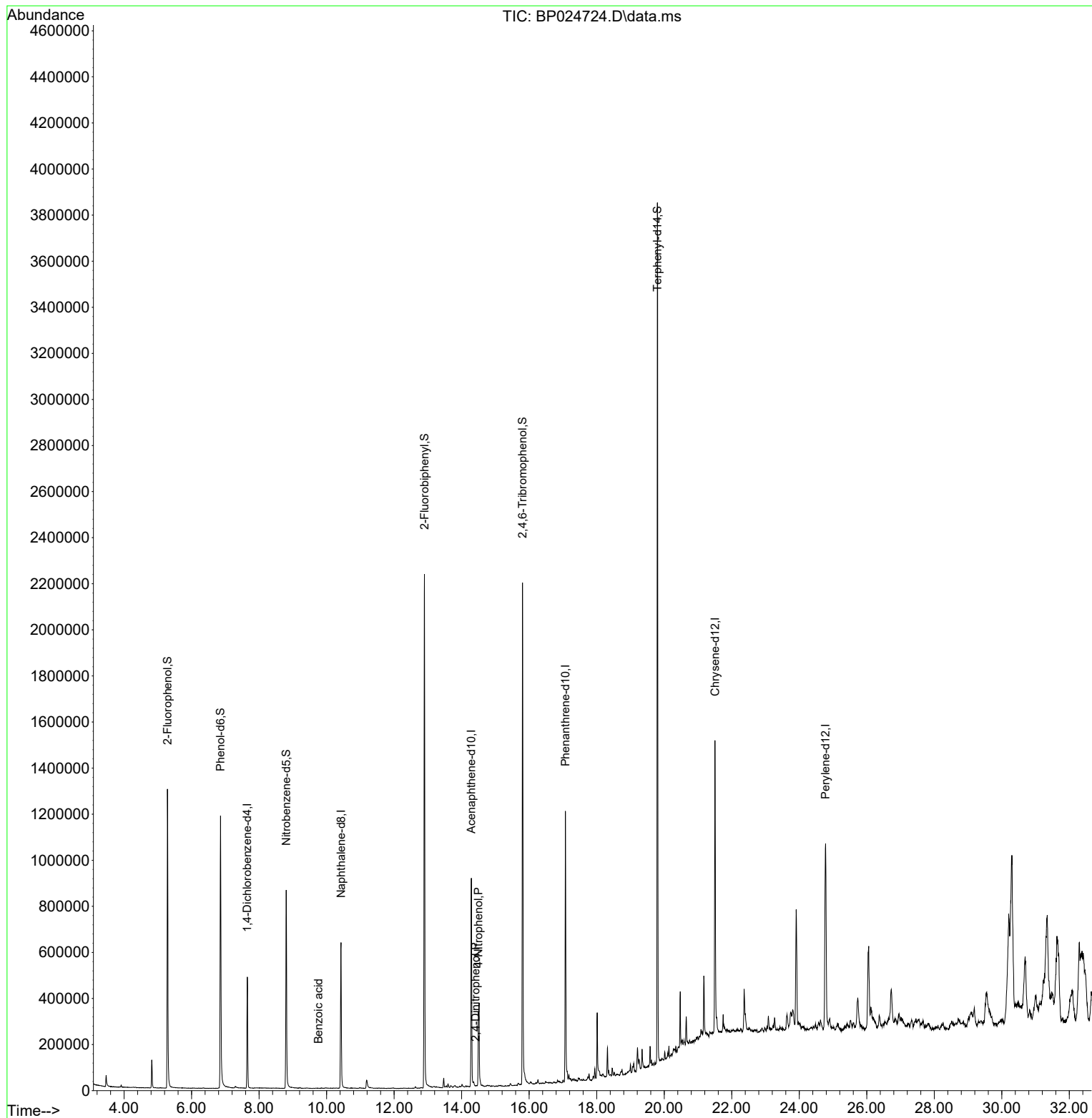
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	128618	20.000	ng	-0.01
21) Naphthalene-d8	10.428	136	540121	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	348817	20.000	ng	-0.02
64) Phenanthrene-d10	17.075	188	677955	20.000	ng	-0.02
76) Chrysene-d12	21.504	240	735784	20.000	ng	-0.02
86) Perylene-d12	24.780	264	906701	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	601664	80.010	ng	0.00
7) Phenol-d6	6.858	99	751217	78.273	ng	0.00
23) Nitrobenzene-d5	8.805	82	479958	44.898	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	515728	87.213	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	1195907	44.917	ng	0.00
79) Terphenyl-d14	19.798	244	1837626	42.825	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.758	122	20	7.471	ng	# 36
54) 2,4-Dinitrophenol	14.410	184	12	6.404	ng	# 1
56) 4-Nitrophenol	14.498	139	513	4.332	ng	# 1

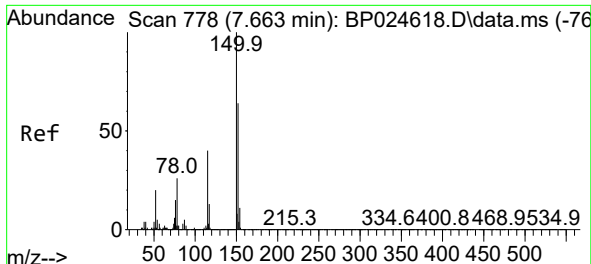
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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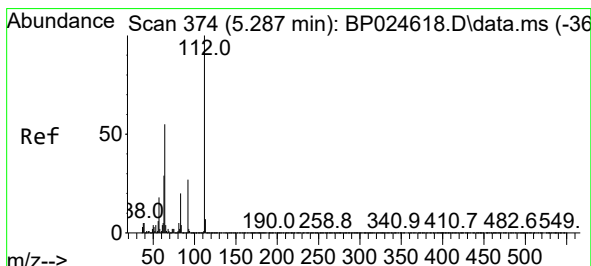
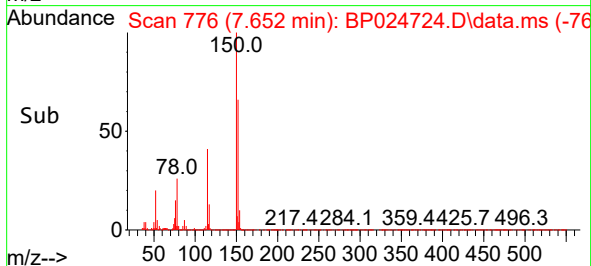
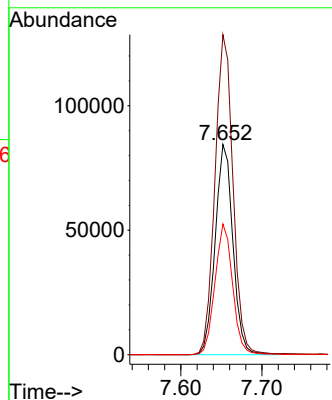
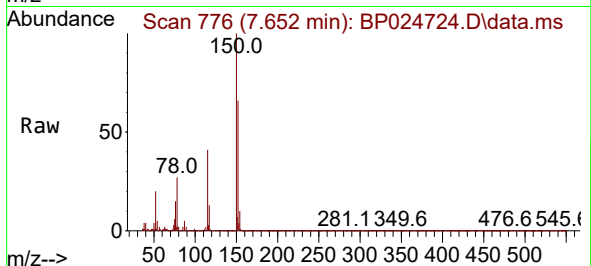




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

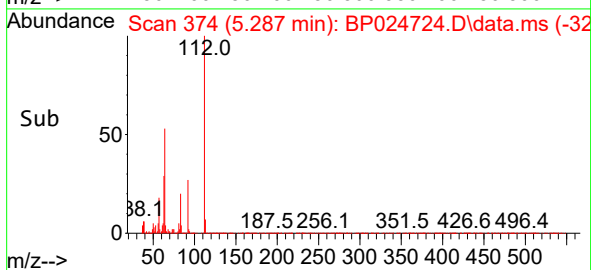
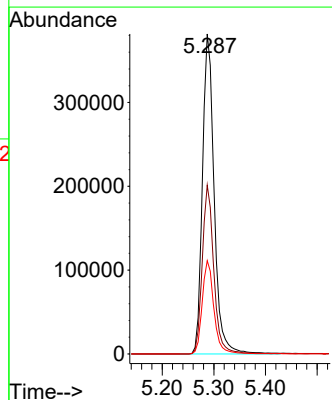
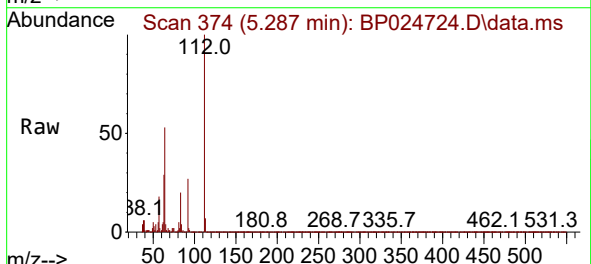
Instrument :
BNA_P
ClientSampleId :
OU4-TS-25-050725

Tgt Ion:152 Resp: 128618
Ion Ratio Lower Upper
152 100
150 152.3 125.9 188.9
115 62.2 50.1 75.1



#5
2-Fluorophenol
Concen: 80.010 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

Tgt Ion:112 Resp: 601664
Ion Ratio Lower Upper
112 100
64 52.8 44.1 66.1
63 29.2 23.5 35.3

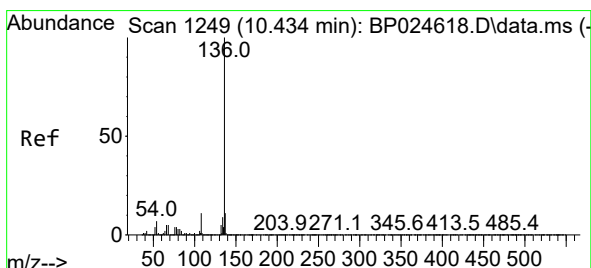
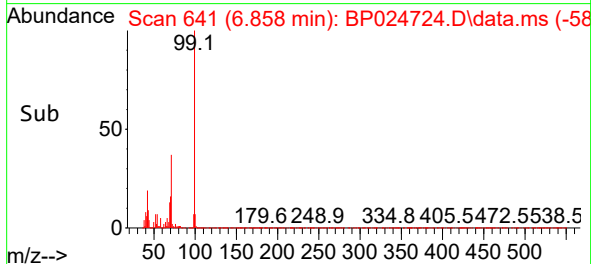
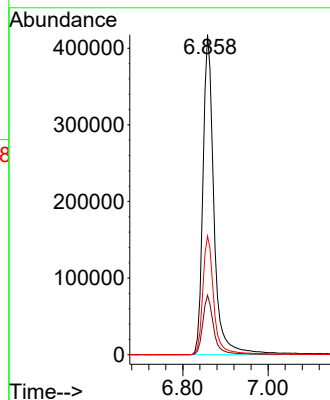
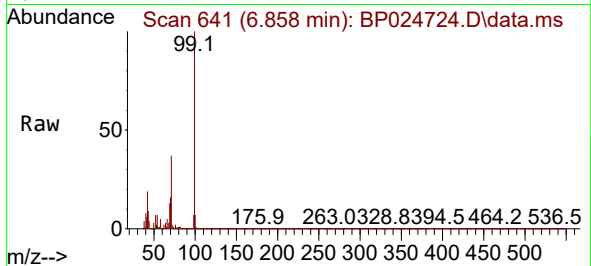




#7
Phenol-d6
Concen: 78.273 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

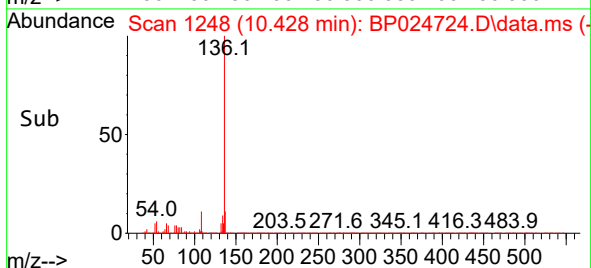
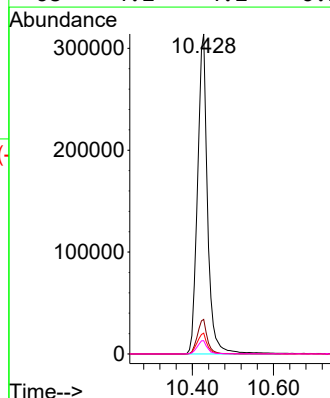
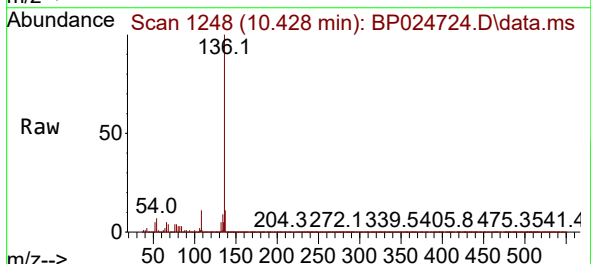
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BNA_P
ClientSampleId :
OU4-TS-25-050725

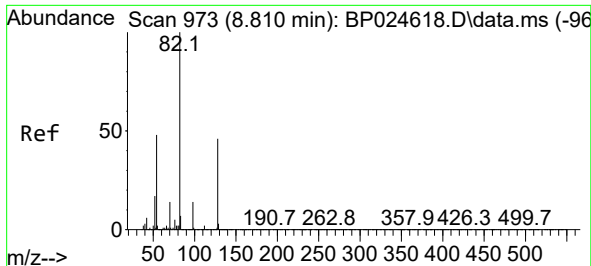
Tgt Ion: 99 Resp: 751217
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 37.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

Tgt Ion: 136 Resp: 540121
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.5 8.3
68 4.2 4.2 6.2

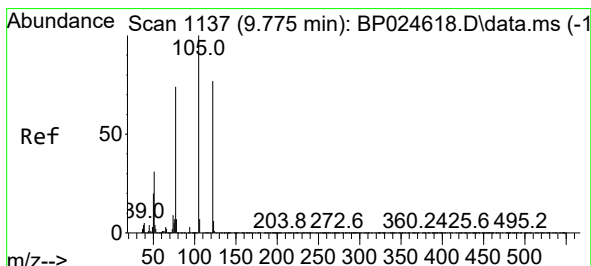
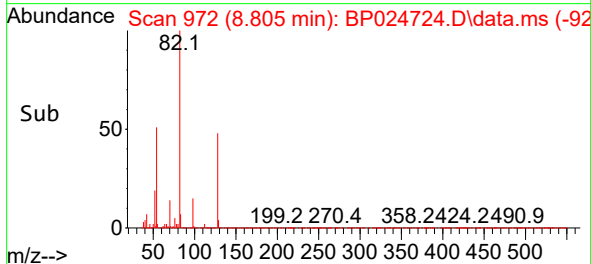
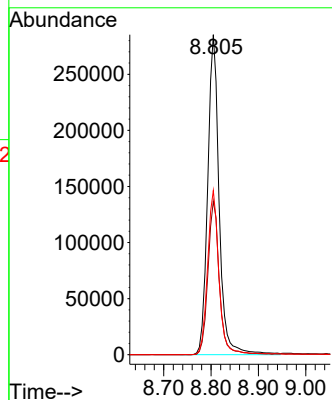
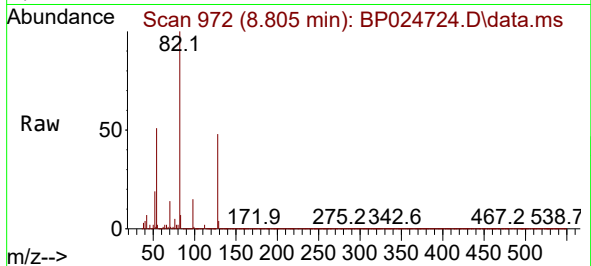




#23
Nitrobenzene-d5
Concen: 44.898 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

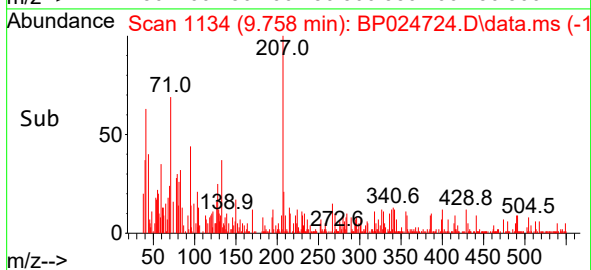
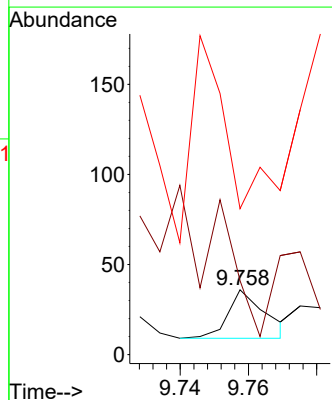
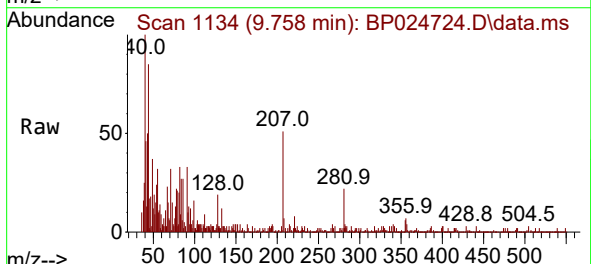
Instrument :
BNA_P
ClientSampleId :
OU4-TS-25-050725

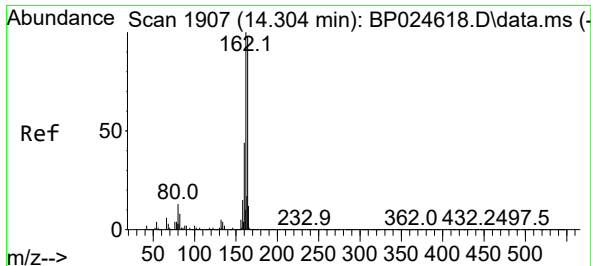
Tgt Ion: 82 Resp: 479958
Ion Ratio Lower Upper
82 100
128 48.0 37.0 55.4
54 51.3 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.758 min Scan# 1134
Delta R.T. -0.017 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

Tgt Ion: 122 Resp: 20
Ion Ratio Lower Upper
122 100
105 113.9 106.9 146.9
77 225.0 75.1 115.1#

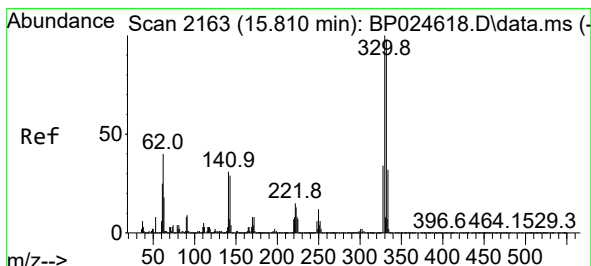
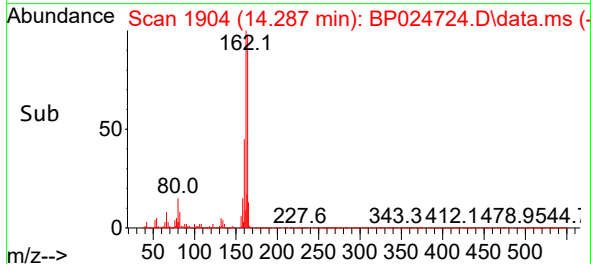
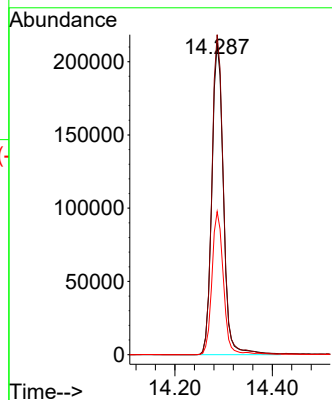
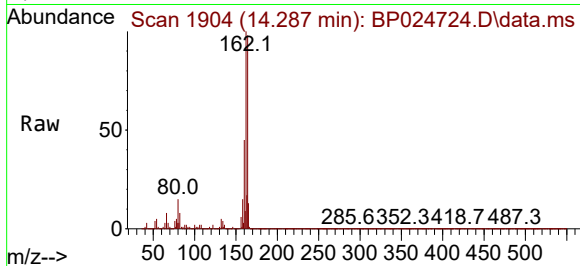




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

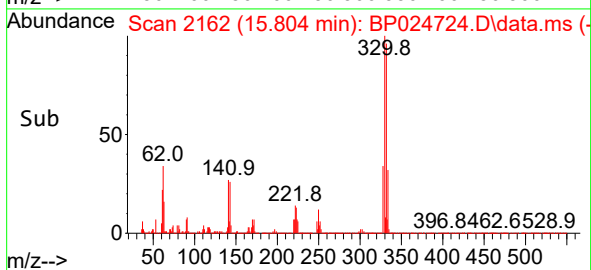
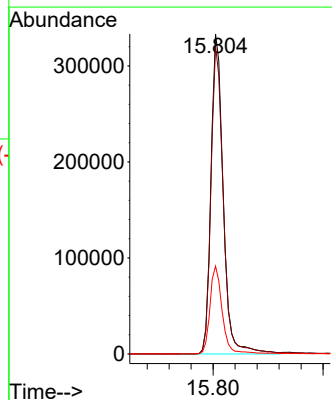
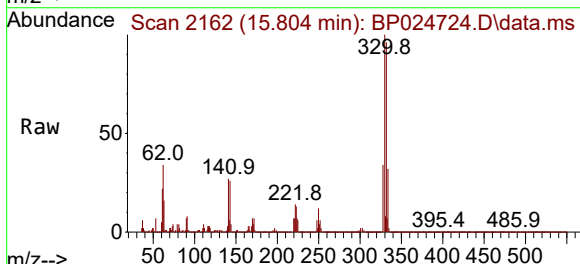
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ClientSampleId :
OU4-TS-25-050725

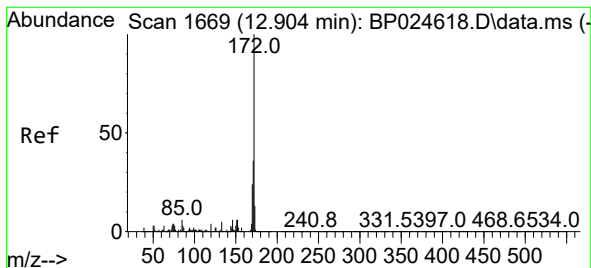
Tgt Ion:164 Resp: 348817
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 87.213 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

Tgt Ion:330 Resp: 515728
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.4
141 27.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 44.917 ng

RT: 12.899 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024724.D

Acq: 21 May 2025 03:30

Instrument :

BNA_P

ClientSampleId :

OU4-TS-25-050725

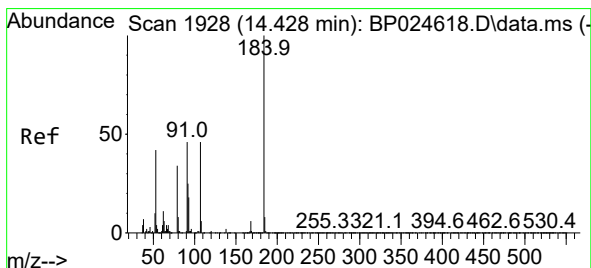
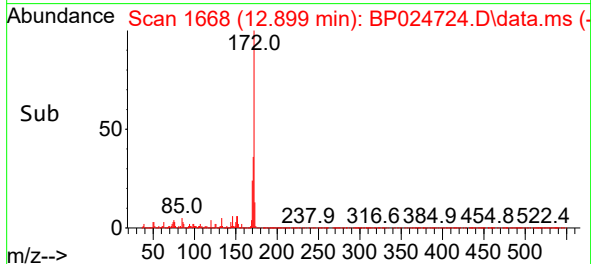
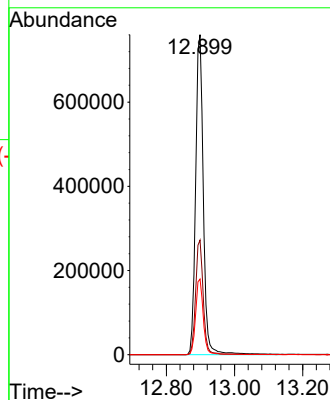
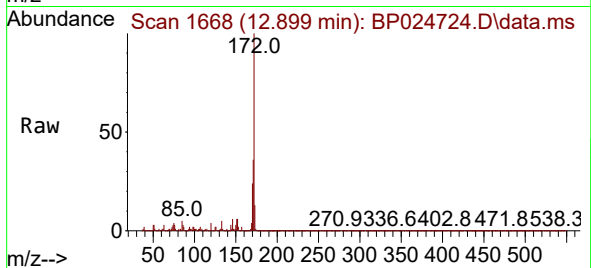
Tgt Ion:172 Resp: 1195907

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.7 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.410 min Scan# 1925

Delta R.T. -0.018 min

Lab File: BP024724.D

Acq: 21 May 2025 03:30

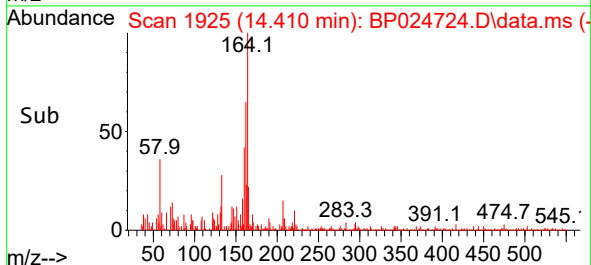
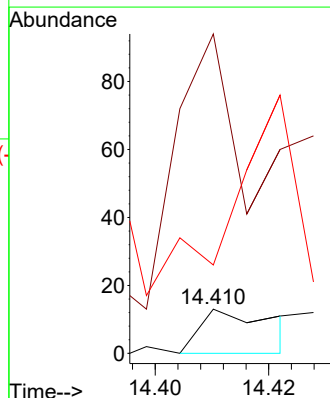
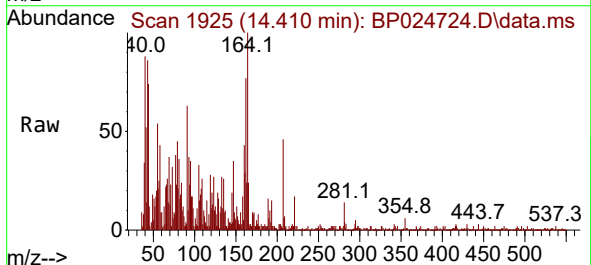
Tgt Ion:184 Resp: 12

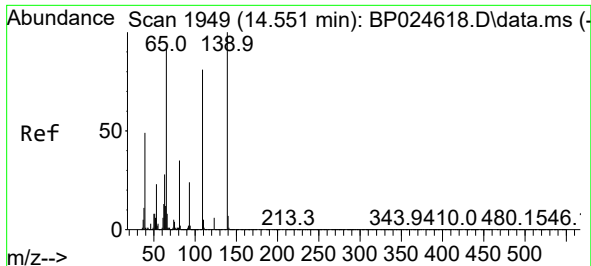
Ion Ratio Lower Upper

184 100

63 723.1 51.3 76.9#

154 200.0 53.5 80.3#

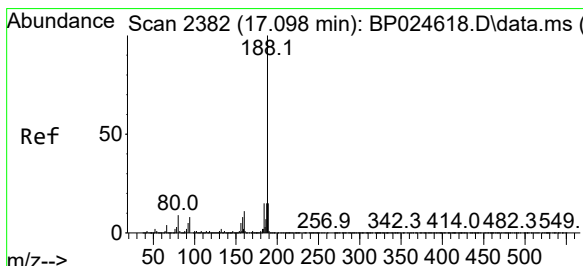
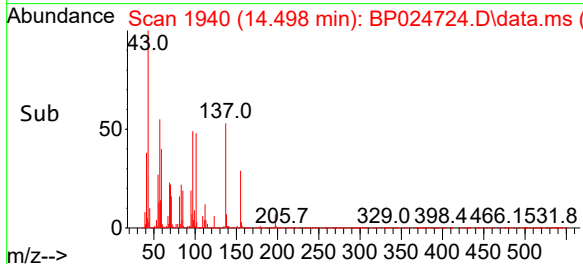
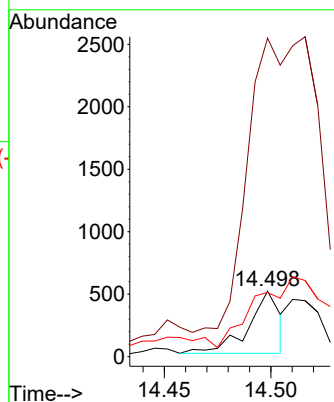
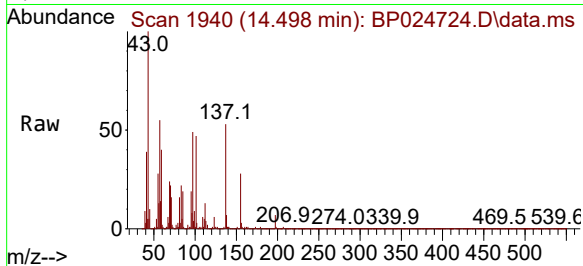




#56
4-Nitrophenol
Concen: 4.332 ng
RT: 14.498 min Scan# 1949
Delta R.T. -0.053 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

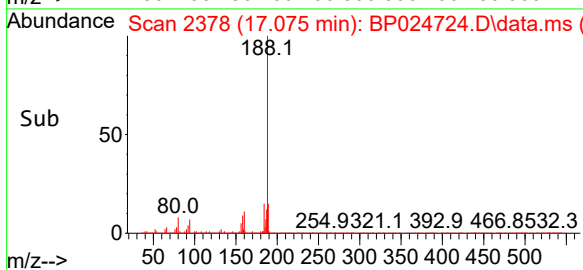
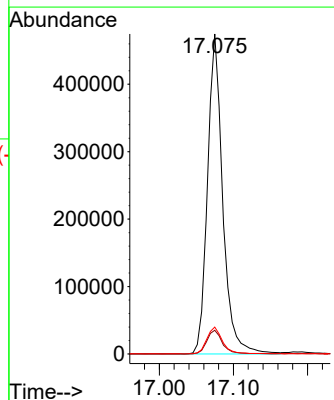
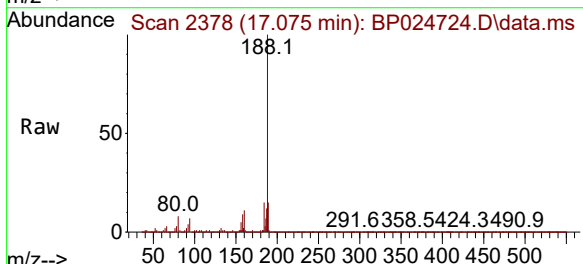
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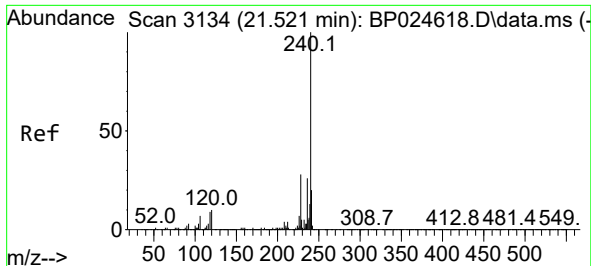
Tgt Ion:139 Resp: 513
Ion Ratio Lower Upper
139 100
109 486.5 61.4 101.4#
65 97.9 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.023 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

Tgt Ion:188 Resp: 677955
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.4 7.3 10.9

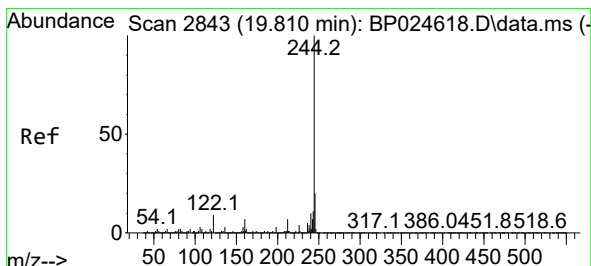
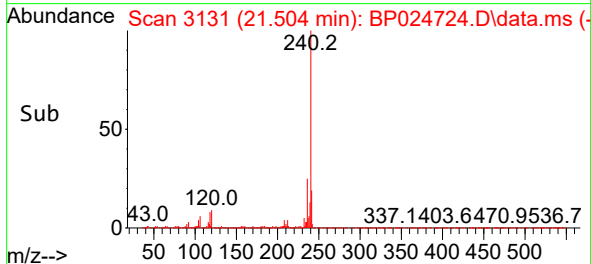
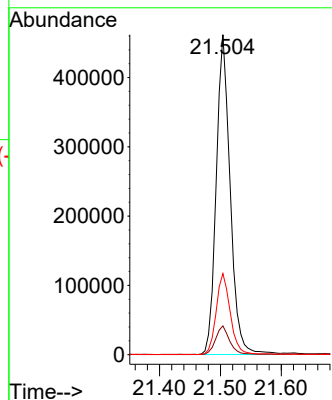
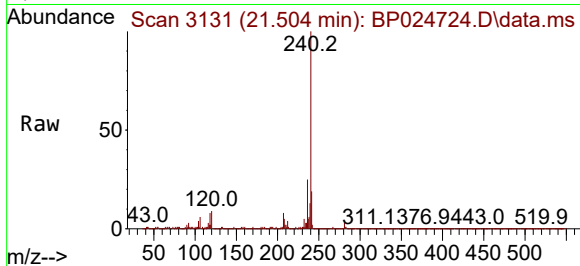




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

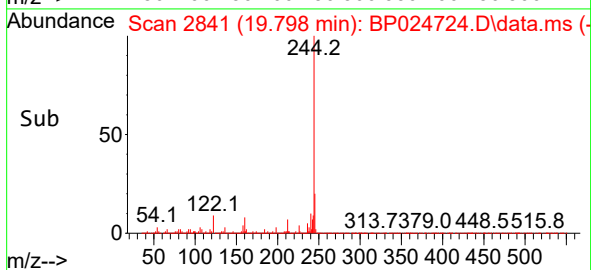
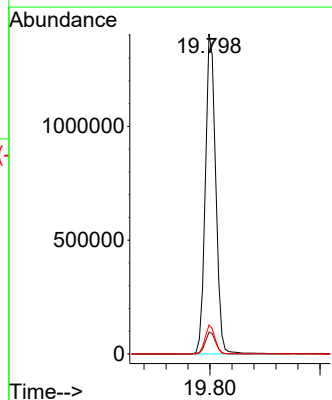
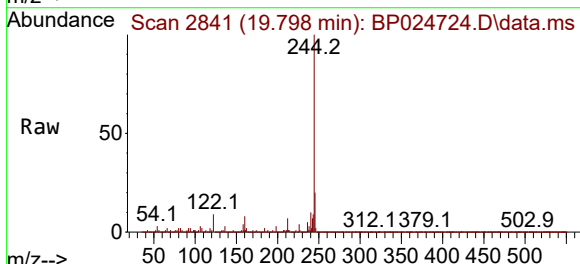
Instrument :
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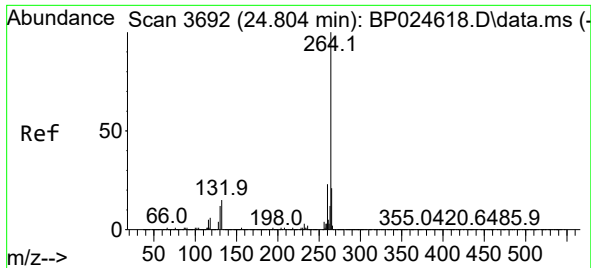
Tgt Ion:240 Resp: 735784
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.3 20.6 31.0



#79
Terphenyl-d14
Concen: 42.825 ng
RT: 19.798 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BP024724.D
Acq: 21 May 2025 03:30

Tgt Ion:244 Resp: 1837626
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.1 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.780 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: BP024724.D
 Acq: 21 May 2025 03:30

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-25-050725

Tgt Ion:264 Resp: 906701
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.9 17.0 25.6

