

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025144.D
 Acq On : 15 Jul 2025 13:48
 Operator : CG/JU
 Sample : Q2565-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0192-0193

Quant Time: Jul 15 14:13:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

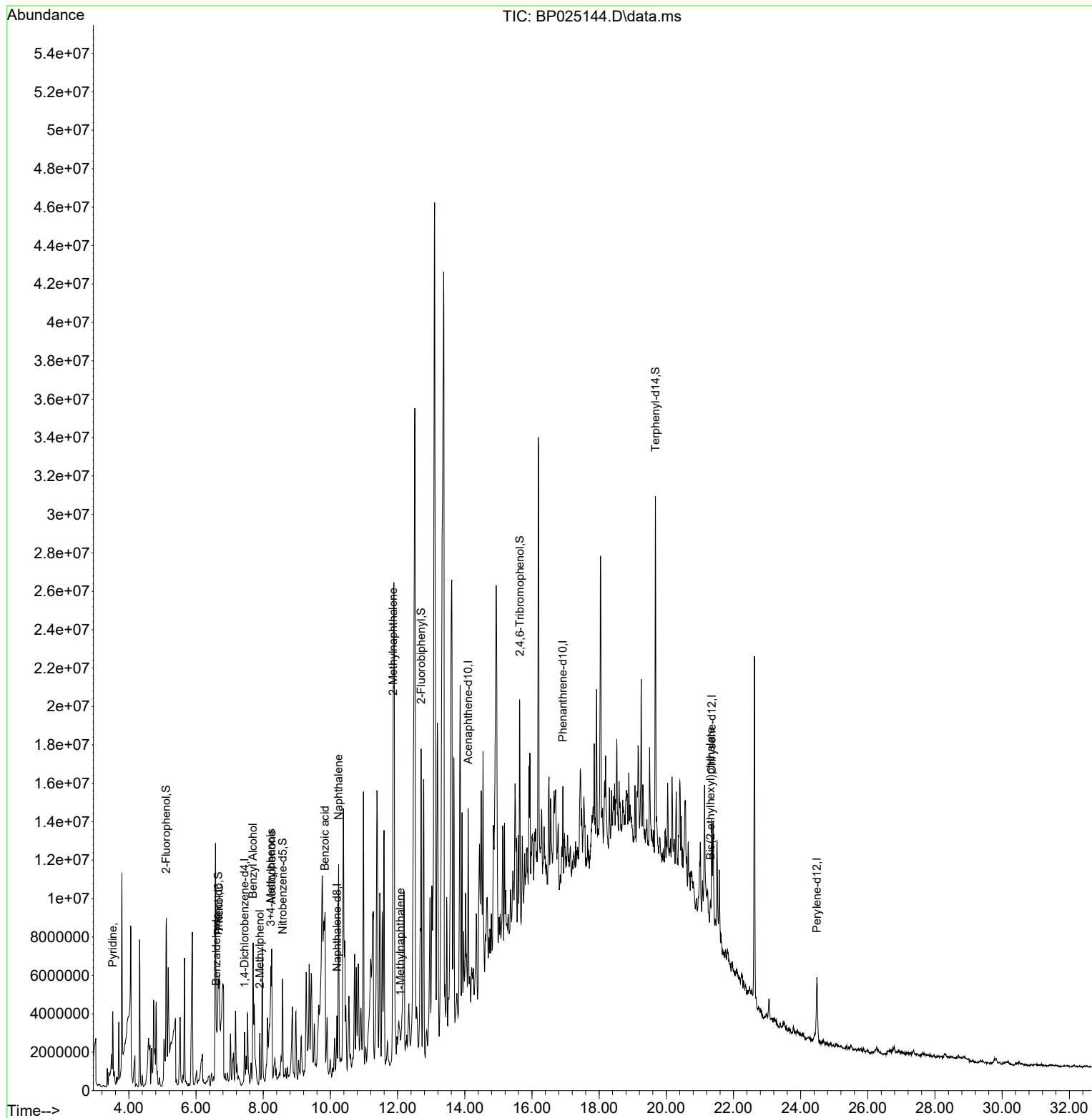
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	574420	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2562078	20.000	ng	0.01
39) Acenaphthene-d10	14.101	164	1644269	20.000	ng	0.01
64) Phenanthrene-d10	16.919	188	2752364	20.000	ng	# 0.01
76) Chrysene-d12	21.354	240	3181380	20.000	ng	0.01
86) Perylene-d12	24.483	264	3381042	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.113	112	2306454	71.145	ng	0.02
7) Phenol-d6	6.660	99	2110187	49.879	ng	0.03
23) Nitrobenzene-d5	8.578	82	2970269	77.101	ng	0.01
42) 2,4,6-Tribromophenol	15.636	330	2630240	135.410	ng	0.02
45) 2-Fluorobiphenyl	12.701	172	6968673	65.656	ng	0.00
79) Terphenyl-d14	19.677	244	10131127	69.989	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.519	79	2058825m	59.653	ng	
9) Benzaldehyde	6.608	77	548561	24.828	ng	95
10) Phenol	6.684	94	1723194	40.087	ng	98
15) Benzyl Alcohol	7.696	79	2696301	95.488	ng	97
17) 2-Methylphenol	7.896	107	834441	30.135	ng	99
20) 3+4-Methylphenols	8.225	107	1231808	31.759	ng	93
22) Acetophenone	8.249	105	3413296	56.332	ng	# 97
31) Naphthalene	10.243	128	8843651	67.035	ng	99
32) Benzoic acid	9.837	122	9827309m	325.146	ng	
37) 2-Methylnaphthalene	11.866	142	430230	4.622	ng	97
38) 1-Methylnaphthalene	12.084	142	281205	3.098	ng	# 97
84) Bis(2-ethylhexyl)phtha...	21.319	149	337264	3.261	ng	# 93

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

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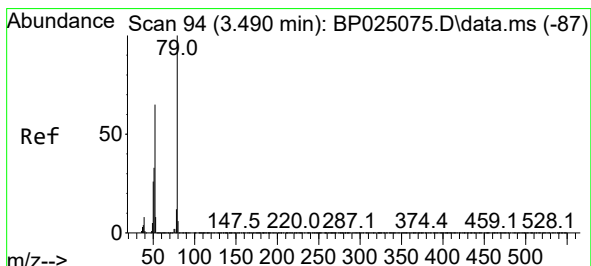
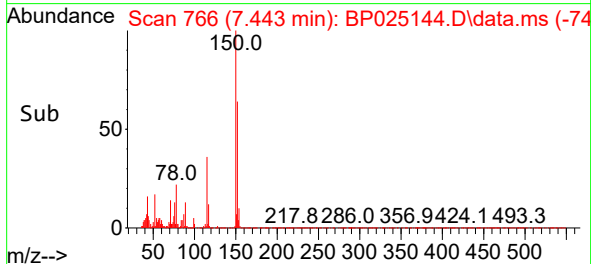
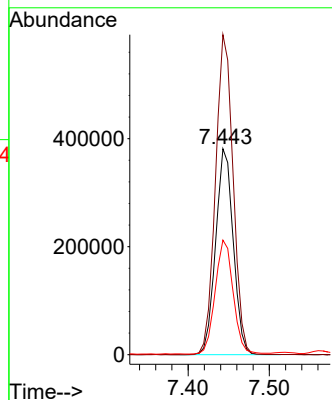
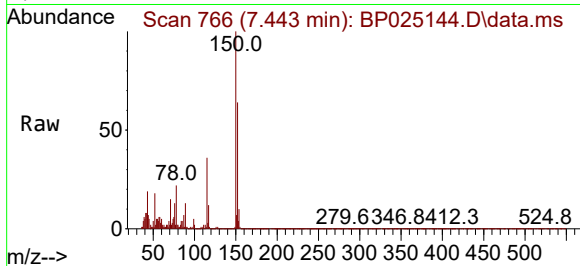




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

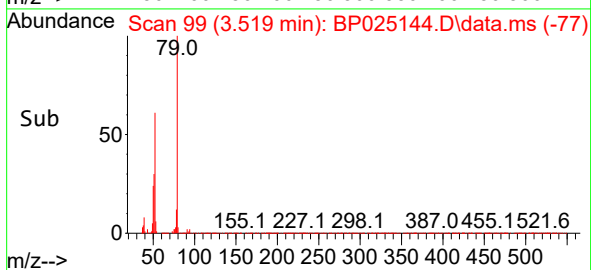
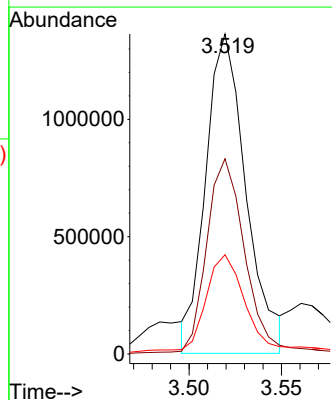
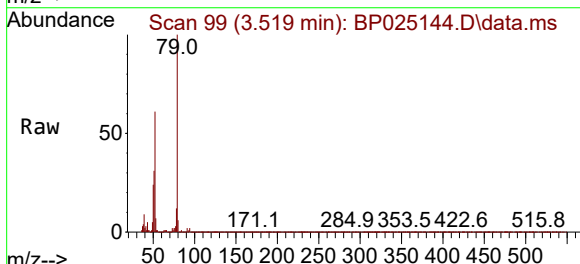
Instrument :
BNA_P
ClientSampleId :
MOO-25-0192-0193

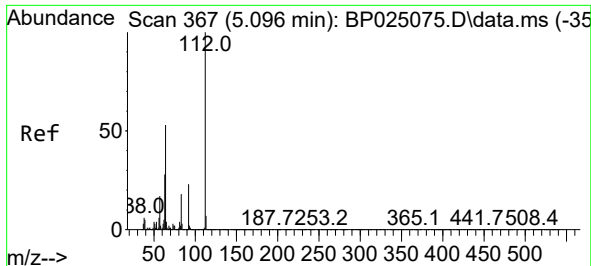
Tgt Ion:152 Resp: 574420
Ion Ratio Lower Upper
152 100
150 155.4 126.1 189.1
115 55.7 44.3 66.5



#3
Pyridine
Concen: 59.653 ng m
RT: 3.519 min Scan# 99
Delta R.T. 0.029 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Tgt Ion: 79 Resp: 2058825
Ion Ratio Lower Upper
79 100
52 61.0 52.2 78.4
51 31.0 26.8 40.2

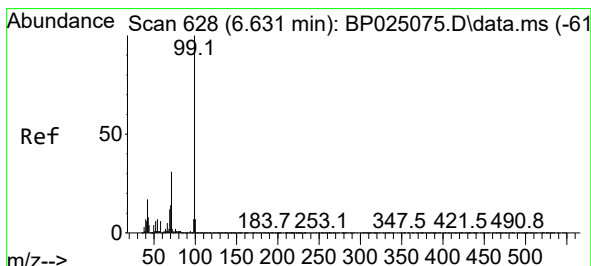
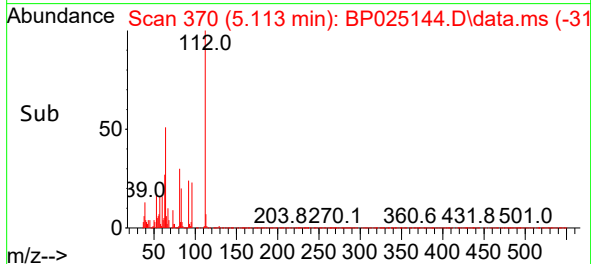
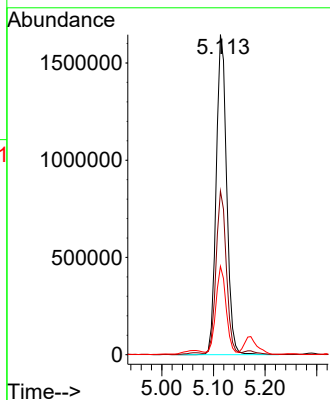
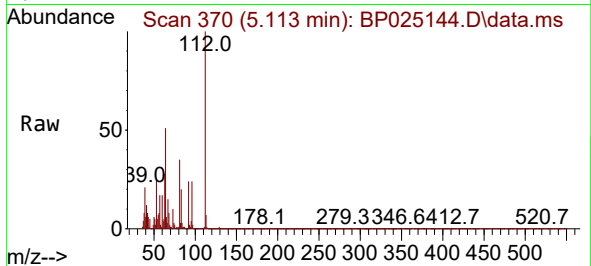




#5
2-Fluorophenol
Concen: 71.145 ng
RT: 5.113 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

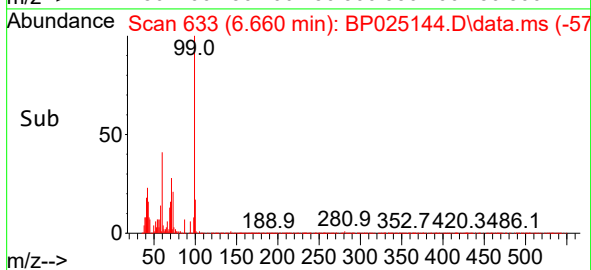
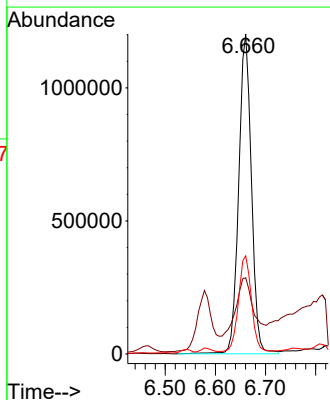
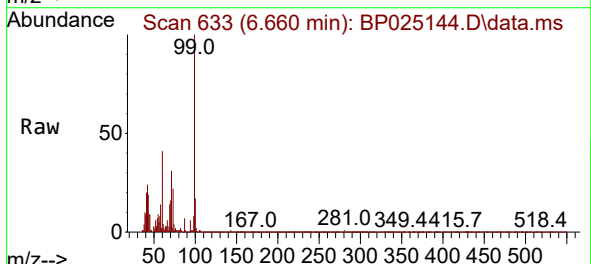
Instrument :
BNA_P
ClientSampleId :
MOO-25-0192-0193

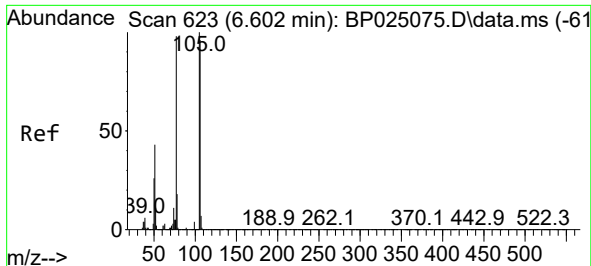
Tgt Ion:112 Resp: 2306454
Ion Ratio Lower Upper
112 100
64 51.2 42.0 63.0
63 27.6 22.2 33.2



#7
Phenol-d6
Concen: 49.879 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.029 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Tgt Ion: 99 Resp: 2110187
Ion Ratio Lower Upper
99 100
42 23.8 13.6 20.4#
71 30.7 24.4 36.6

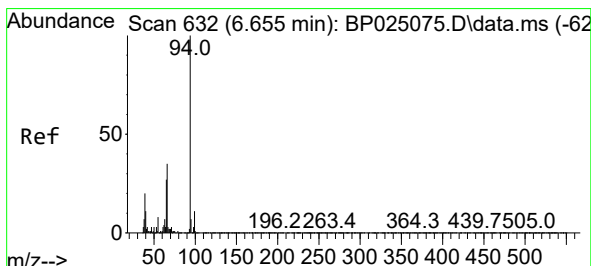
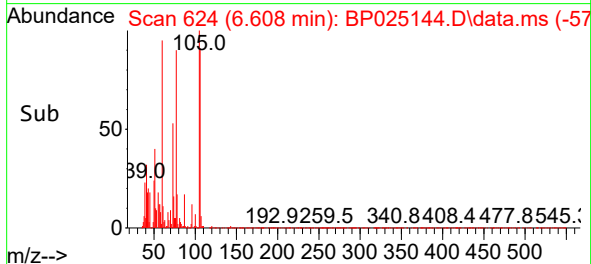
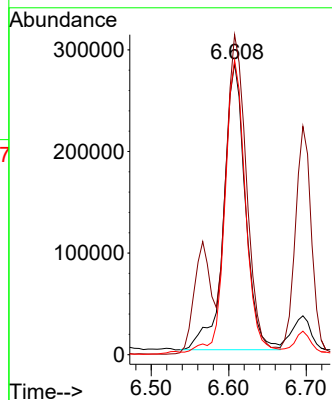
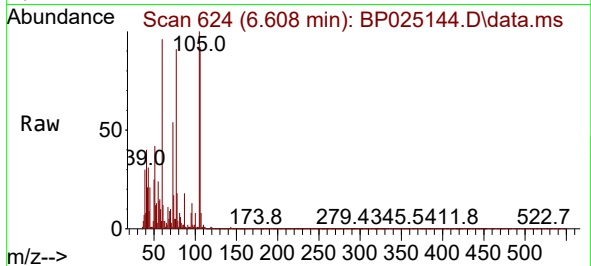




#9
Benzaldehyde
Concen: 24.828 ng
RT: 6.608 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

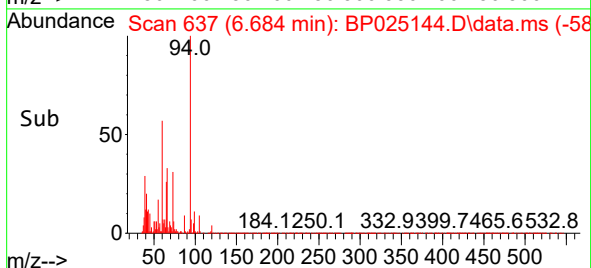
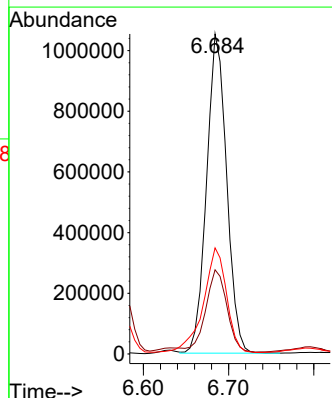
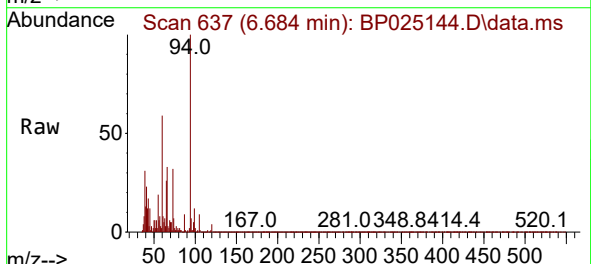
Instrument :
BNA_P
ClientSampleId :
MOO-25-0192-0193

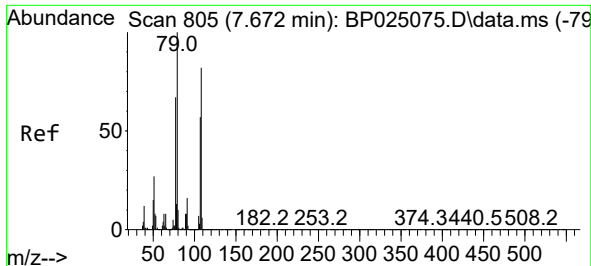
Tgt Ion: 77 Resp: 548561
Ion Ratio Lower Upper
77 100
105 109.9 82.4 122.4
106 101.3 78.3 118.3



#10
Phenol
Concen: 40.087 ng
RT: 6.684 min Scan# 637
Delta R.T. 0.029 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Tgt Ion: 94 Resp: 1723194
Ion Ratio Lower Upper
94 100
65 26.3 6.9 46.9
66 33.2 14.6 54.6

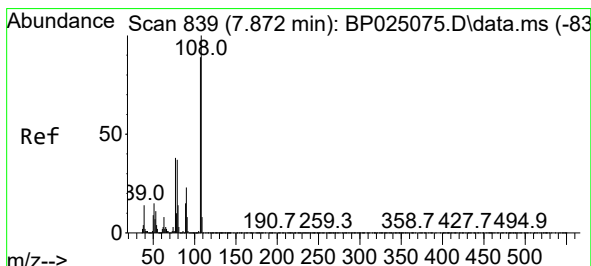
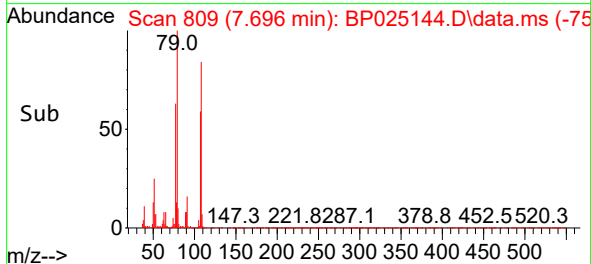
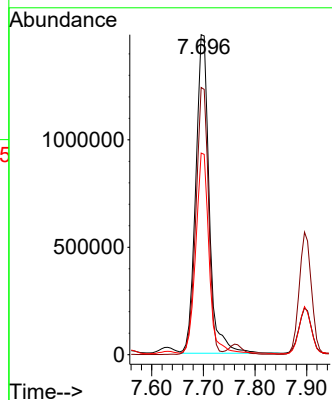
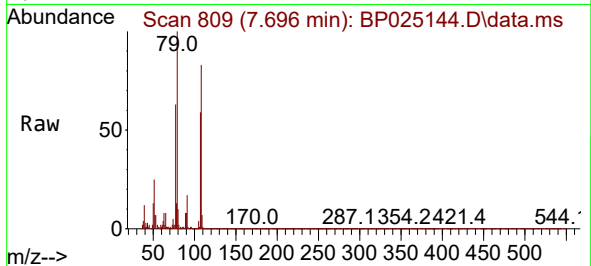




#15
Benzyl Alcohol
Concen: 95.488 ng
RT: 7.696 min Scan# 805
Delta R.T. 0.024 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

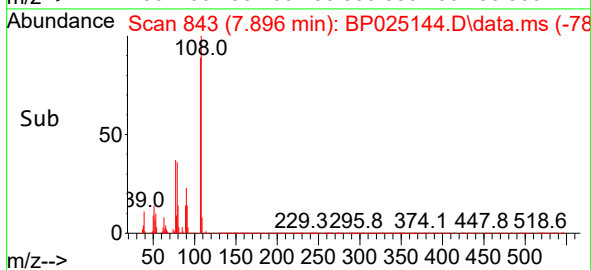
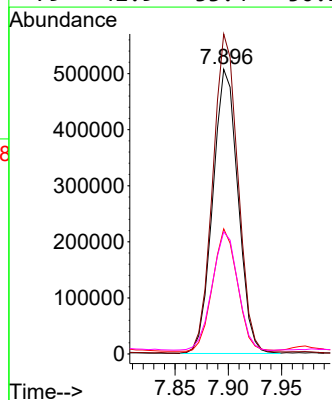
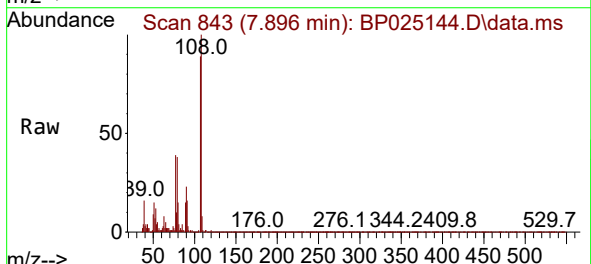
Instrument :
BNA_P
ClientSampleId :
MOO-25-0192-0193

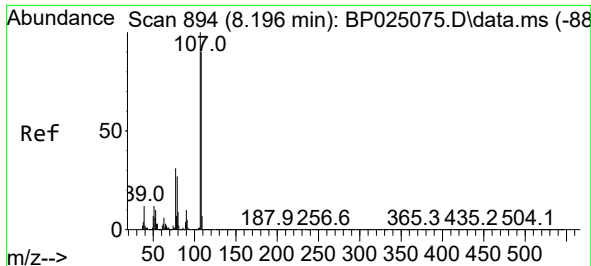
Tgt Ion: 79 Resp: 2696301
Ion Ratio Lower Upper
79 100
108 83.5 66.0 99.0
77 63.0 53.4 80.2



#17
2-Methylphenol
Concen: 30.135 ng
RT: 7.896 min Scan# 843
Delta R.T. 0.024 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Tgt Ion: 107 Resp: 834441
Ion Ratio Lower Upper
107 100
108 112.4 89.7 134.5
77 44.0 34.2 51.4
79 42.9 33.4 50.2





#20

3+4-Methylphenols

Concen: 31.759 ng

RT: 8.225 min Scan# 894

Delta R.T. 0.029 min

Lab File: BP025144.D

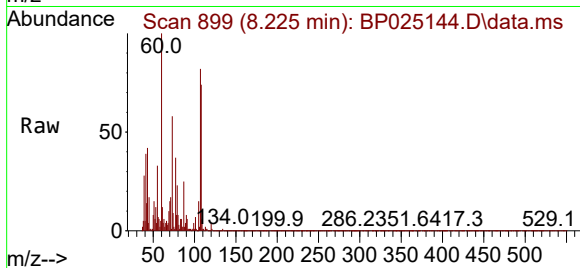
Acq: 15 Jul 2025 13:48

Instrument :

BNA_P

ClientSampleId :

MOO-25-0192-0193



Tgt Ion:107 Resp: 1231808

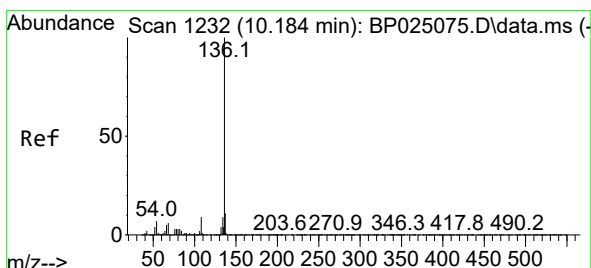
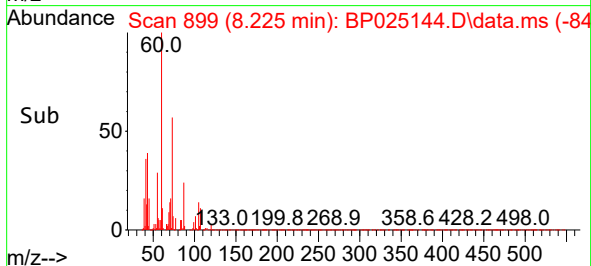
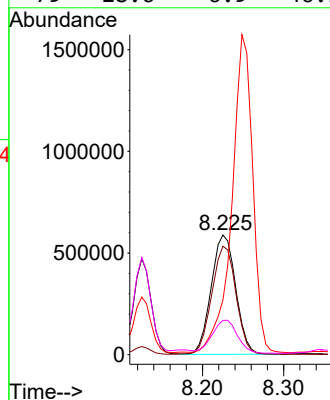
Ion Ratio Lower Upper

107 100

108 90.7 69.5 109.5

77 45.7 11.4 51.4

79 28.6 6.9 46.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.196 min Scan# 1234

Delta R.T. 0.012 min

Lab File: BP025144.D

Acq: 15 Jul 2025 13:48

Tgt Ion:136 Resp: 2562078

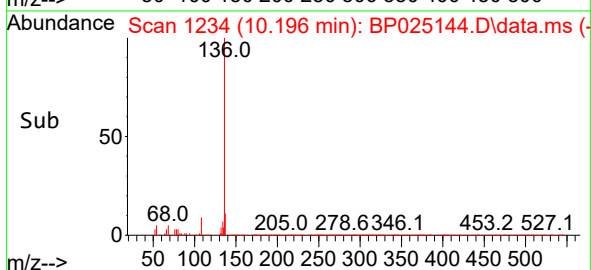
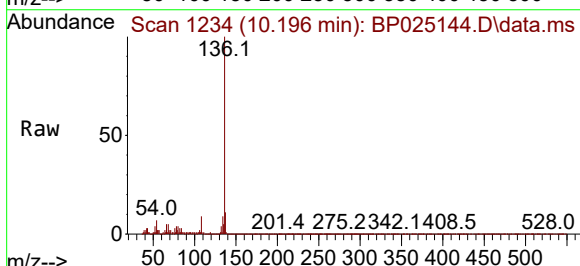
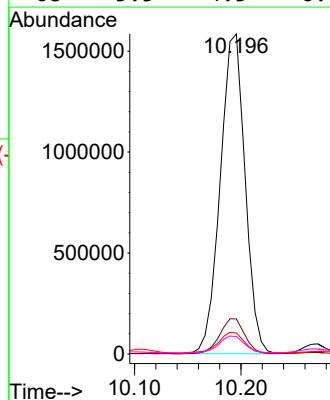
Ion Ratio Lower Upper

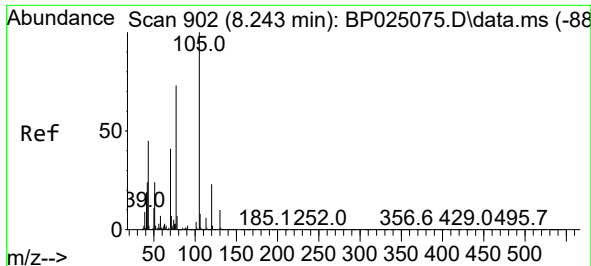
136 100

137 10.9 8.7 13.1

54 6.6 5.4 8.2

68 5.5 4.5 6.7

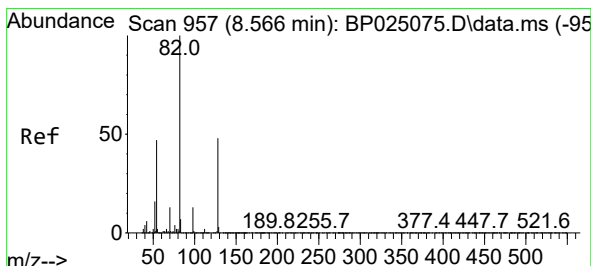
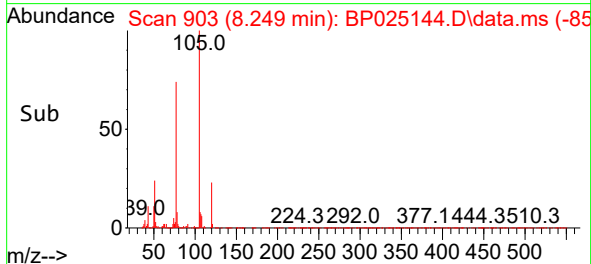
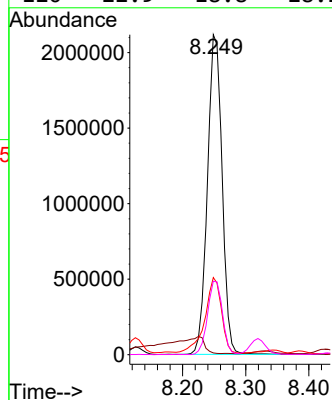
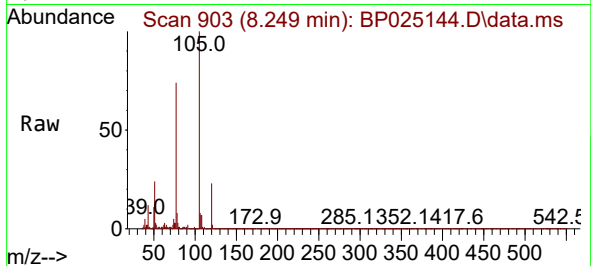




#22
Acetophenone
Concen: 56.332 ng
RT: 8.249 min Scan# 902
Delta R.T. 0.006 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

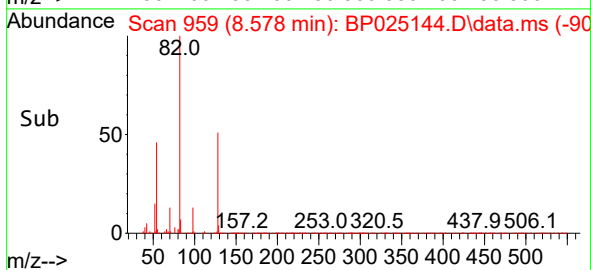
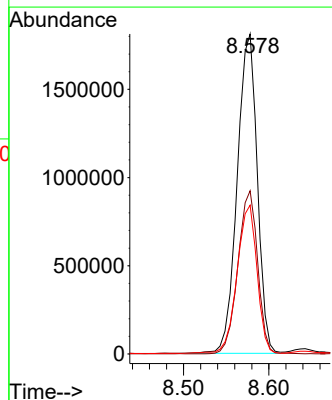
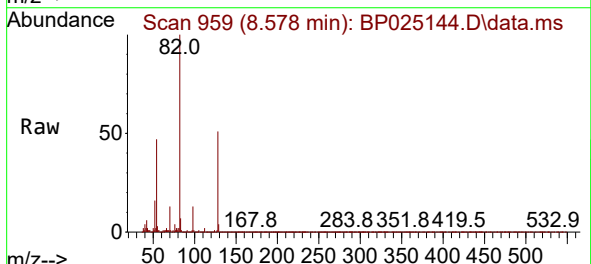
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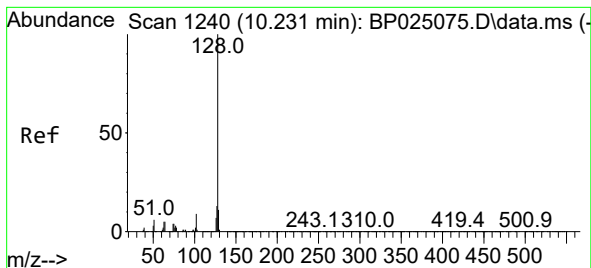
Tgt Ion:105 Resp: 3413296
Ion Ratio Lower Upper
105 100
71 0.6 5.4 8.2#
51 24.1 19.6 29.4
120 22.9 18.8 28.2



#23
Nitrobenzene-d5
Concen: 77.101 ng
RT: 8.578 min Scan# 959
Delta R.T. 0.012 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Tgt Ion: 82 Resp: 2970269
Ion Ratio Lower Upper
82 100
128 51.0 38.4 57.6
54 46.5 37.8 56.6





#31

Naphthalene

Concen: 67.035 ng

RT: 10.243 min Scan# 1173

Delta R.T. 0.012 min

Lab File: BP025144.D

Acq: 15 Jul 2025 13:48

Instrument :

BNA_P

ClientSampleId :

MOO-25-0192-0193

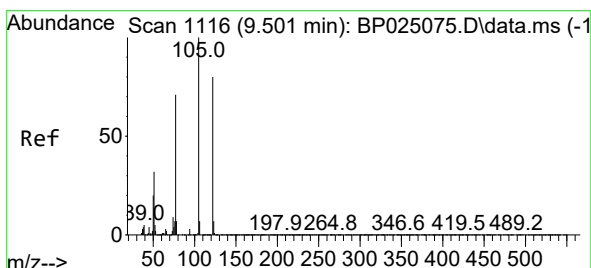
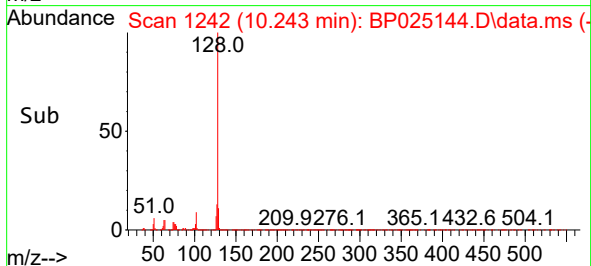
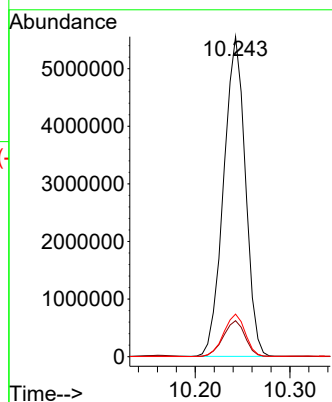
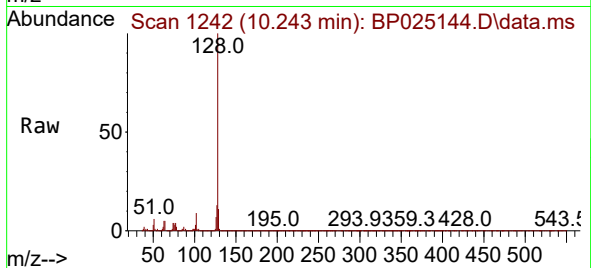
Tgt Ion:128 Resp: 8843651

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.3 10.4 15.6



#32

Benzoic acid

Concen: 325.146 ng m

RT: 9.837 min Scan# 1173

Delta R.T. 0.336 min

Lab File: BP025144.D

Acq: 15 Jul 2025 13:48

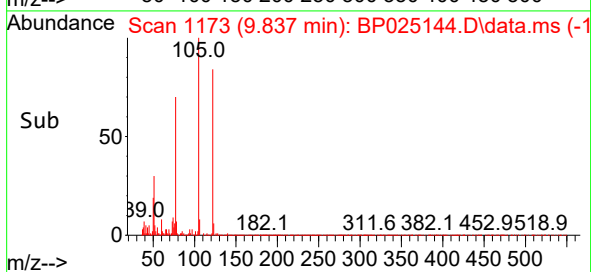
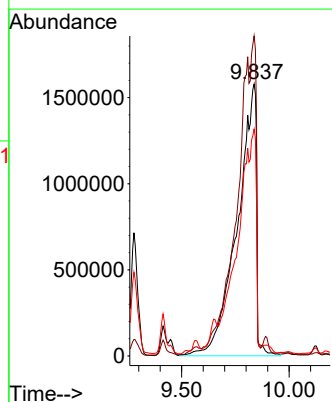
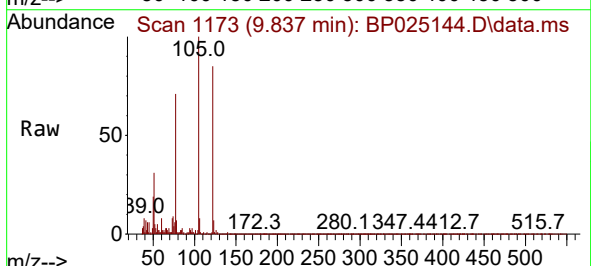
Tgt Ion:122 Resp: 9827309

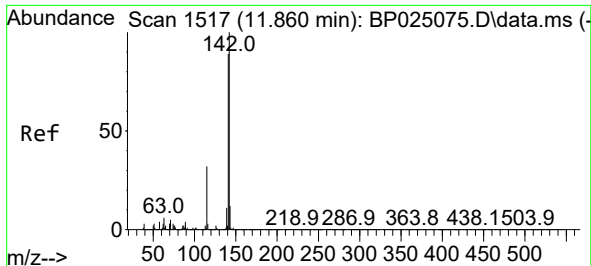
Ion Ratio Lower Upper

122 100

105 117.7 101.0 141.0

77 83.4 67.6 107.6

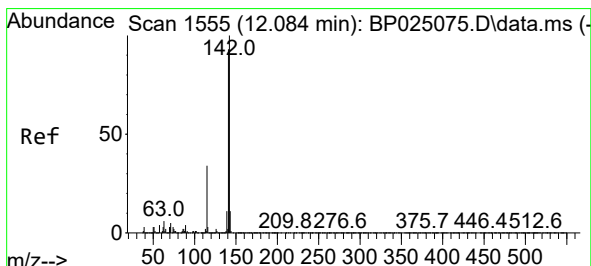
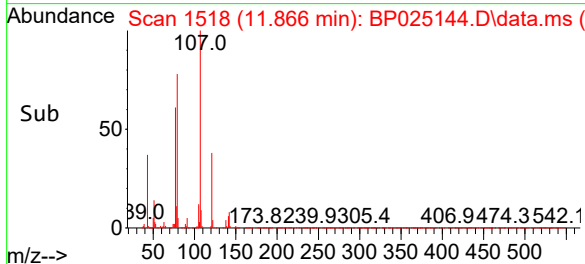
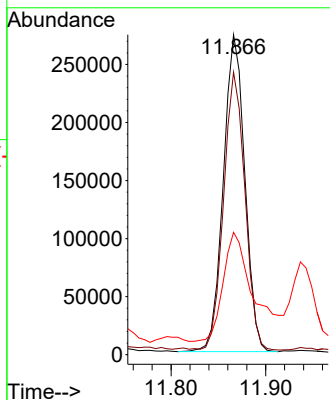
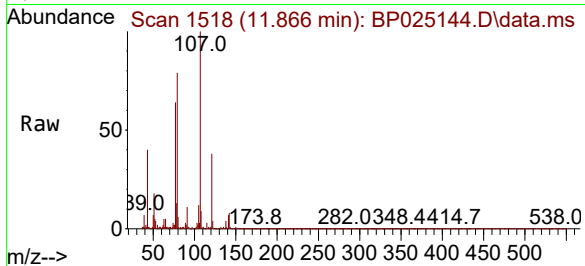




#37
2-Methylnaphthalene
Concen: 4.622 ng
RT: 11.866 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

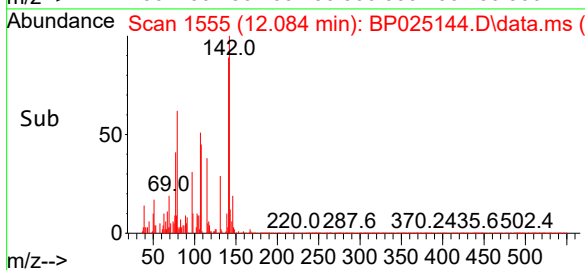
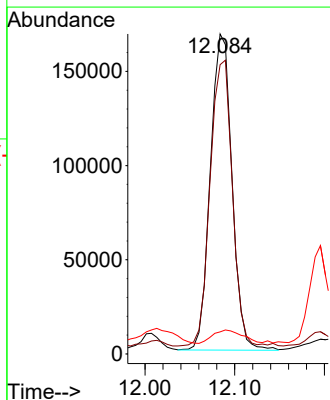
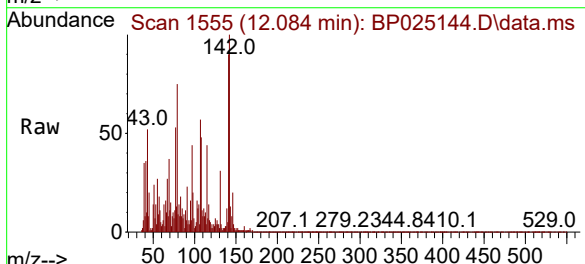
Instrument :
BNA_P
ClientSampleId :
MOO-25-0192-0193

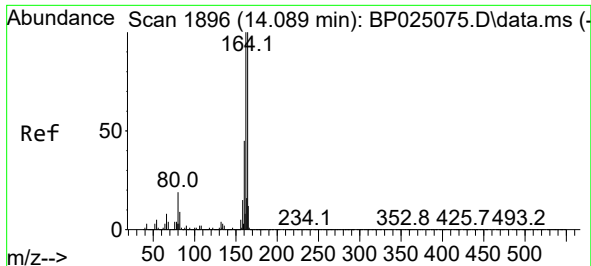
Tgt Ion:142 Resp: 430230
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8
115 38.3 25.9 38.9



#38
1-Methylnaphthalene
Concen: 3.098 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Tgt Ion:142 Resp: 281205
Ion Ratio Lower Upper
142 100
141 90.4 74.1 111.1
116 6.9 2.7 4.1#

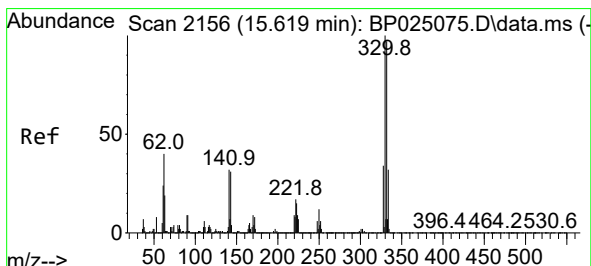
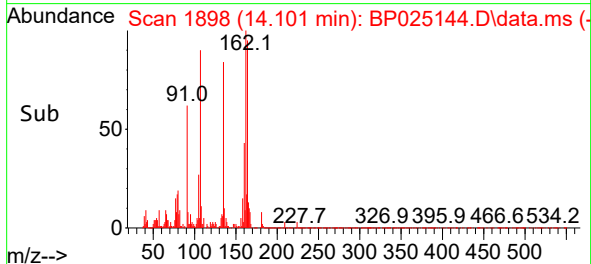
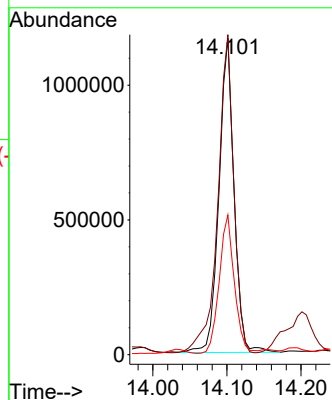
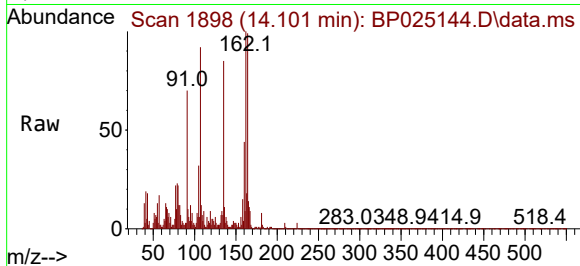




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

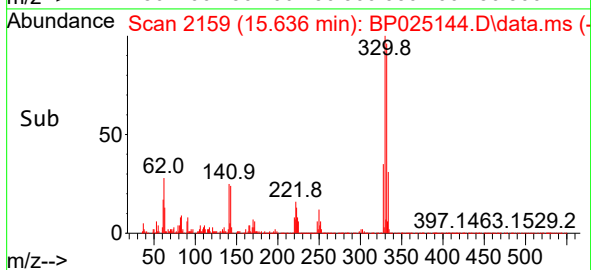
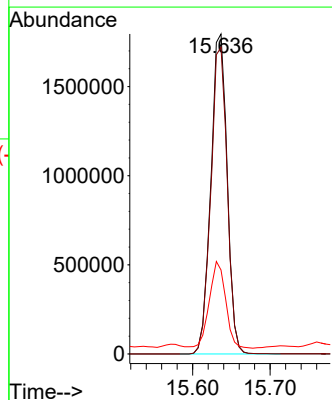
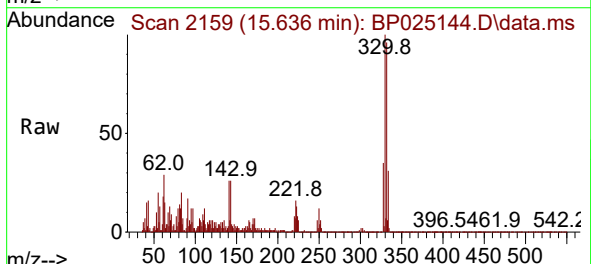
Instrument :
BNA_P
ClientSampleId :
MOO-25-0192-0193

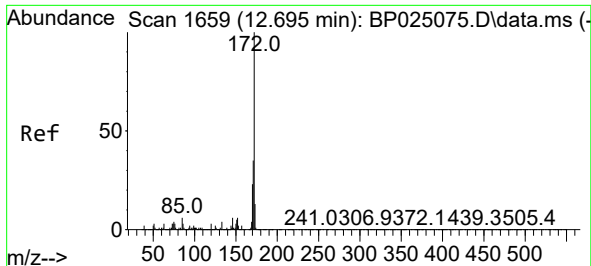
Tgt Ion:164 Resp: 1644269
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 44.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 135.410 ng
RT: 15.636 min Scan# 2159
Delta R.T. 0.018 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Tgt Ion:330 Resp: 2630240
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 27.1 26.0 39.0

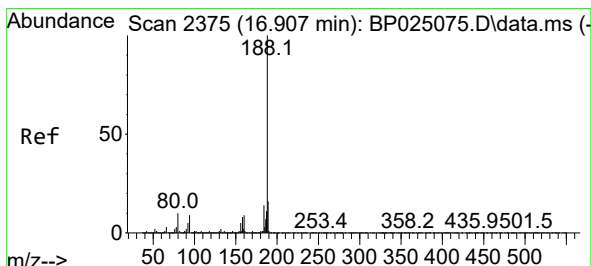
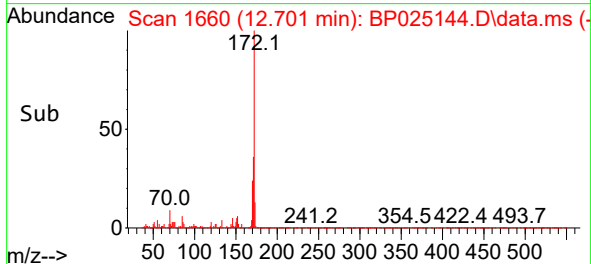
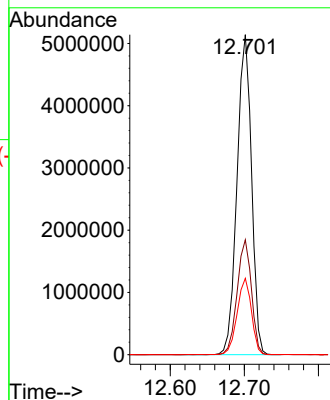
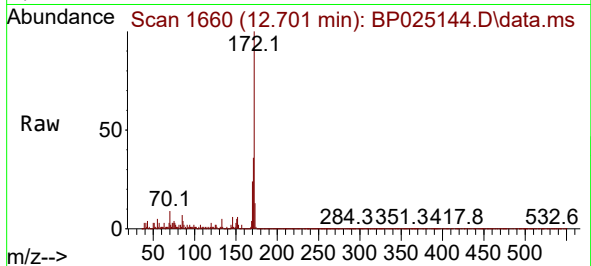




#45
2-Fluorobiphenyl
Concen: 65.656 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

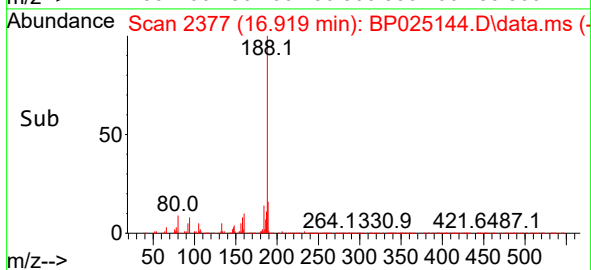
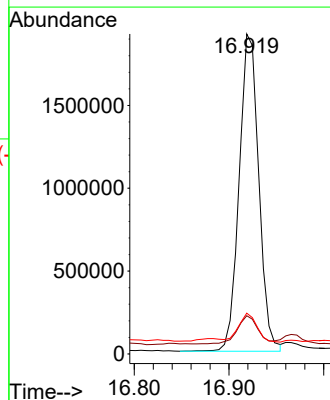
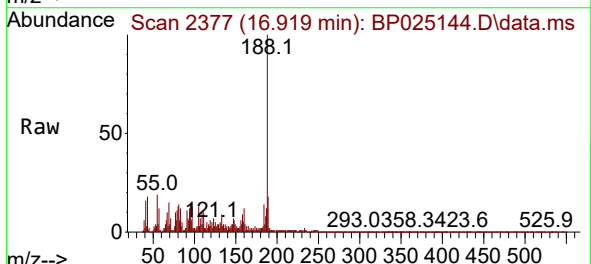
Instrument :
BNA_P
ClientSampleId :
MOO-25-0192-0193

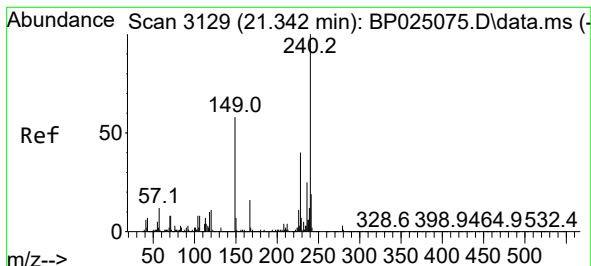
Tgt Ion:172 Resp: 6968673
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.9 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Tgt Ion:188 Resp: 2752364
Ion Ratio Lower Upper
188 100
94 12.0 7.3 10.9#
80 12.7 7.8 11.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.354 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025144.D

Acq: 15 Jul 2025 13:48

Instrument :

BNA_P

ClientSampleId :

MOO-25-0192-0193

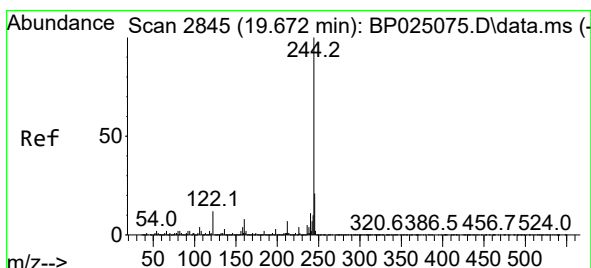
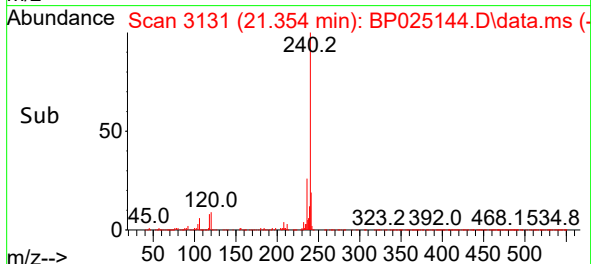
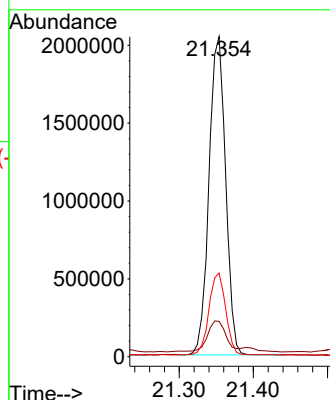
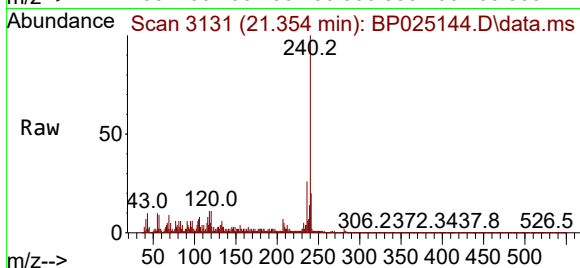
Tgt Ion:240 Resp: 3181380

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

236 26.2 20.3 30.5



#79

Terphenyl-d14

Concen: 69.989 ng

RT: 19.677 min Scan# 2846

Delta R.T. 0.006 min

Lab File: BP025144.D

Acq: 15 Jul 2025 13:48

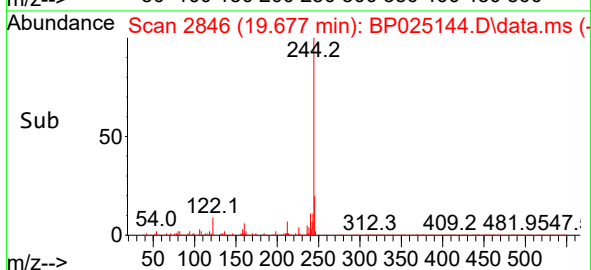
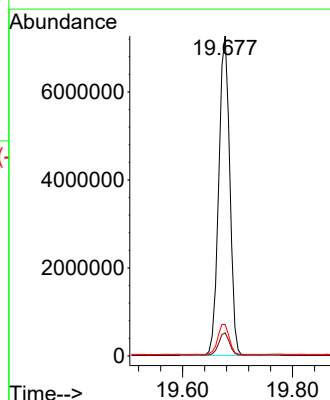
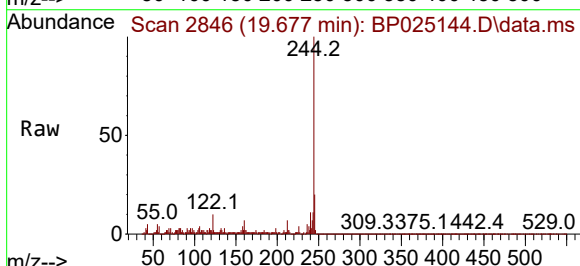
Tgt Ion:244 Resp:10131127

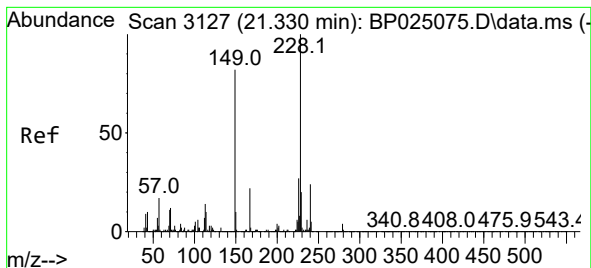
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.9 9.4 14.2

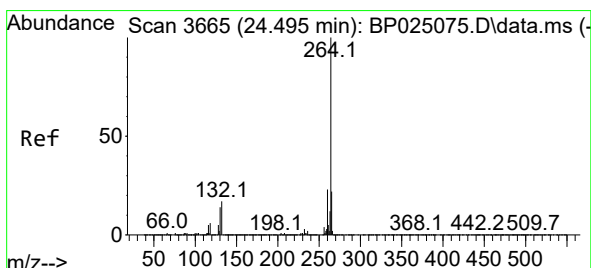
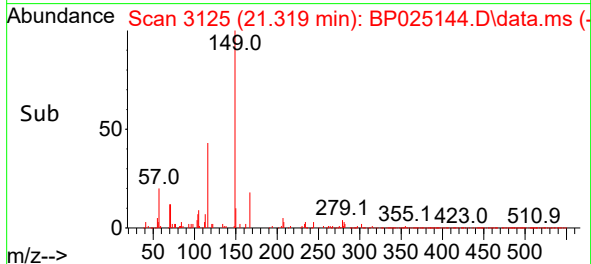
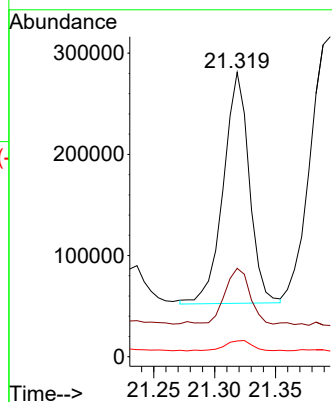
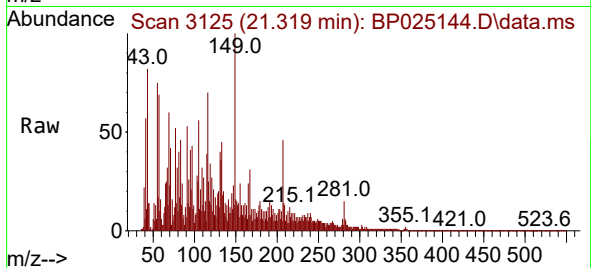




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.261 ng
RT: 21.319 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Instrument :
BNA_P
ClientSampleId :
MOO-25-0192-0193

Tgt Ion:149 Resp: 337264
Ion Ratio Lower Upper
149 100
167 31.1 21.9 32.9
279 5.5 3.5 5.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025144.D
Acq: 15 Jul 2025 13:48

Tgt Ion:264 Resp: 3381042
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.3 17.7 26.5

