

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
 Data File : BP025080.D
 Acq On : 03 Jul 2025 16:59
 Operator : CG/JU
 Sample : PB168694BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168694BL

Quant Time: Jul 03 17:21:40 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)

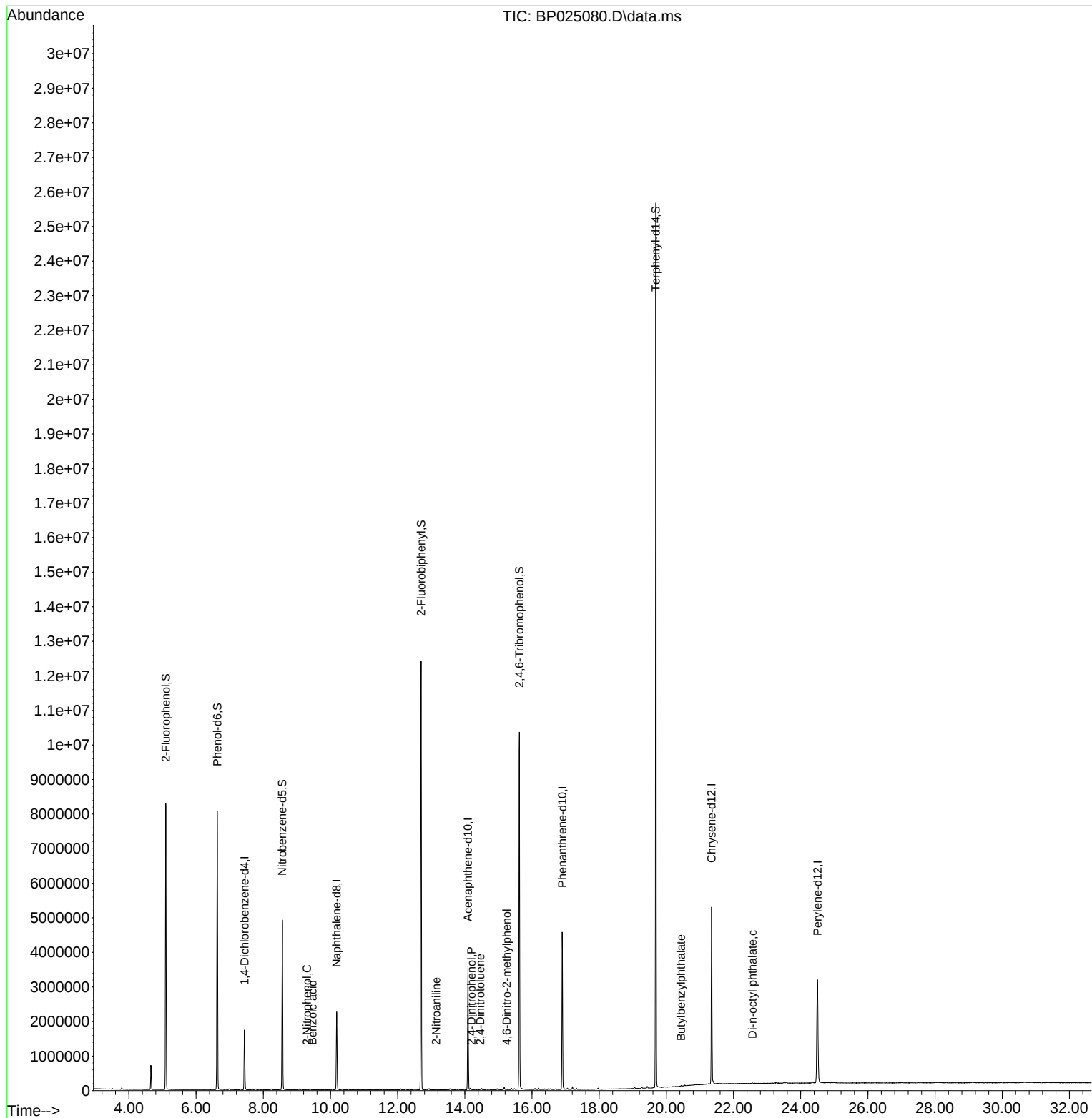
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	479829	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1886620	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1233849	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2632269	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2750294	20.000	ng	0.00
86) Perylene-d12	24.500	264	2840436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.101	112	3671895	135.591	ng	0.00
7) Phenol-d6	6.631	99	4523841	128.010	ng	0.00
23) Nitrobenzene-d5	8.566	82	2602655	91.746	ng	0.00
42) 2,4,6-Tribromophenol	15.624	330	2046843	140.427	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	6968388	87.492	ng	0.00
79) Terphenyl-d14	19.689	244	11371065	90.867	ng	0.02
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.301	139	1838	3.424	ng	# 82
32) Benzoic acid	9.466	122	235	6.214	ng	# 46
48) 2-Nitroaniline	13.148	65	2371	2.900	ng	# 82
54) 2,4-Dinitrophenol	14.201	184	851	5.481	ng	# 72
57) 2,4-Dinitrotoluene	14.460	165	2624	2.737	ng	# 93
65) 4,6-Dinitro-2-methylph...	15.248	198	1292	5.674	ng	# 79
80) Butylbenzylphthalate	20.442	149	5846	3.764	ng	# 95
85) Di-n-octyl phthalate	22.565	149	11863	6.162	ng	# 80

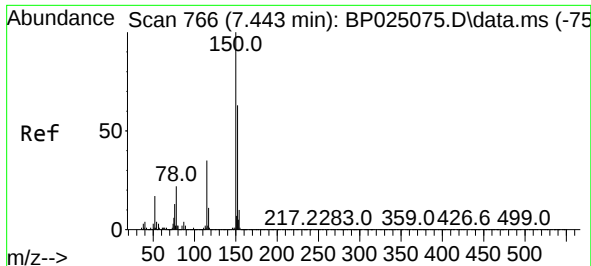
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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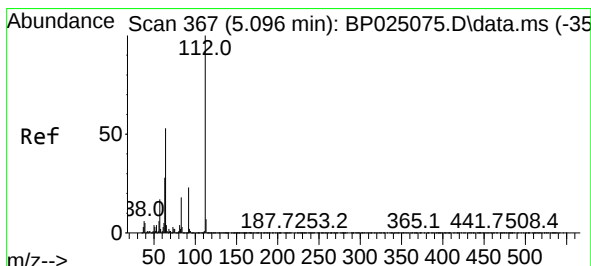
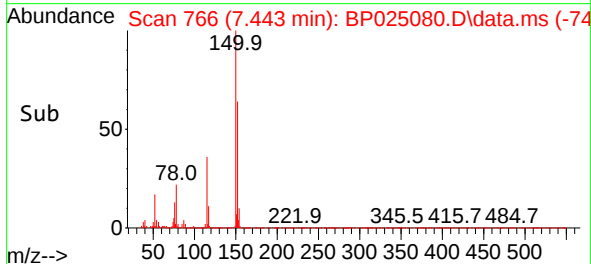
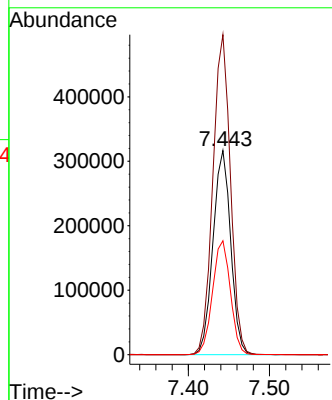
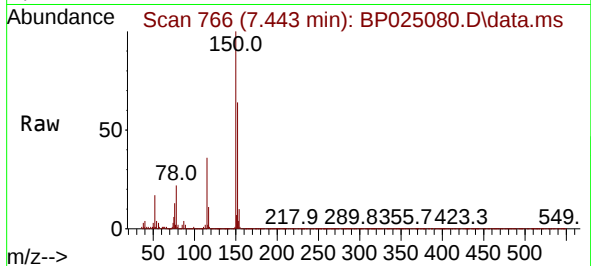




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BP025080.D
 Acq: 03 Jul 2025 16:59

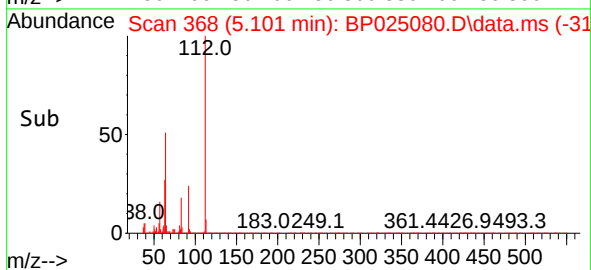
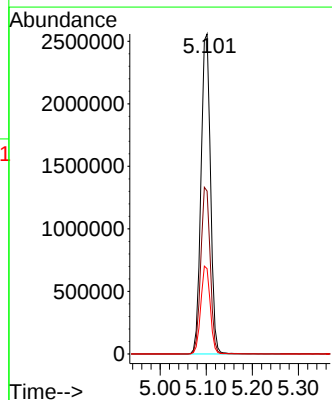
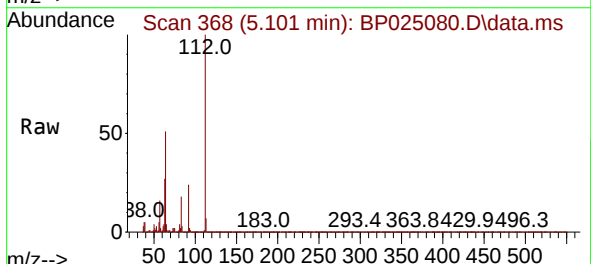
Instrument :
 BNA_P
 ClientSampleId :
 PB168694BL

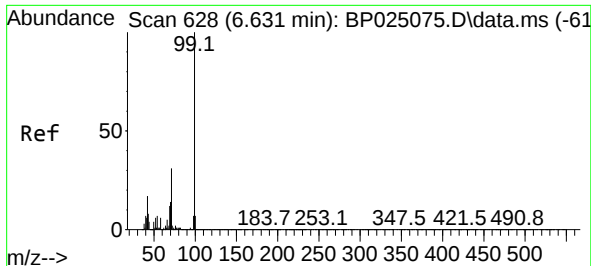
Tgt Ion:152 Resp: 479829
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.1 189.1
 115 55.8 44.3 66.5



#5
 2-Fluorophenol
 Concen: 135.591 ng
 RT: 5.101 min Scan# 368
 Delta R.T. 0.006 min
 Lab File: BP025080.D
 Acq: 03 Jul 2025 16:59

Tgt Ion:112 Resp: 3671895
 Ion Ratio Lower Upper
 112 100
 64 50.9 42.0 63.0
 63 26.6 22.2 33.2



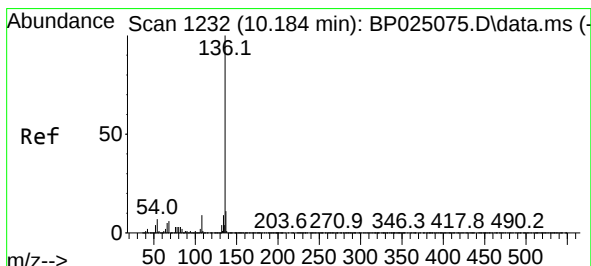
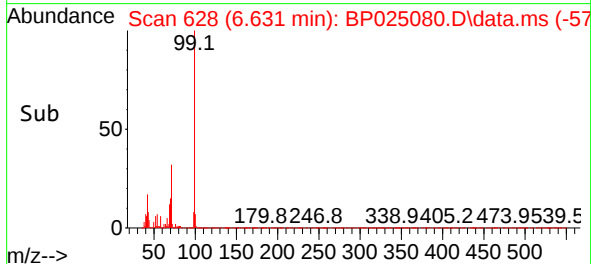
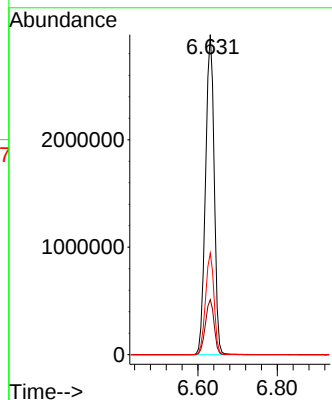
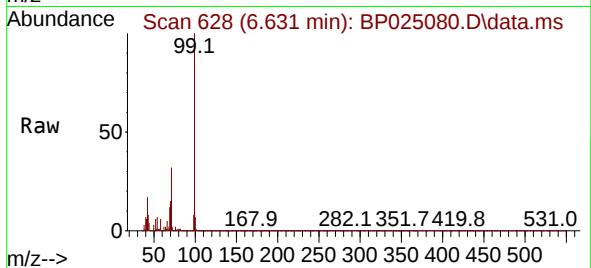


#7
Phenol-d6
Concen: 128.010 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Instrument :
BNA_P
ClientSampleId :
PB168694BL

Tgt Ion: 99 Resp: 4523841

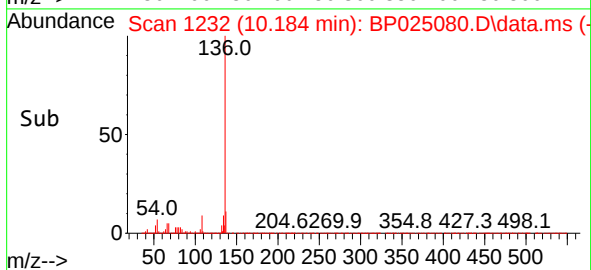
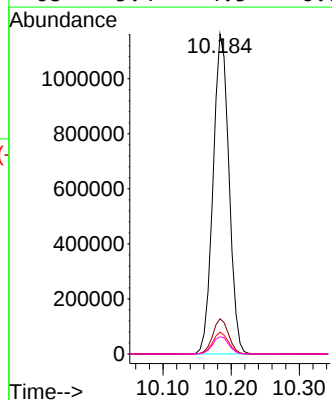
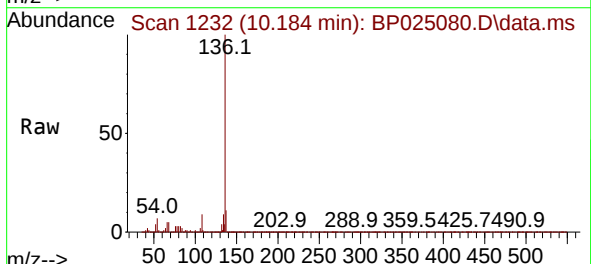
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	31.8	24.4	36.6

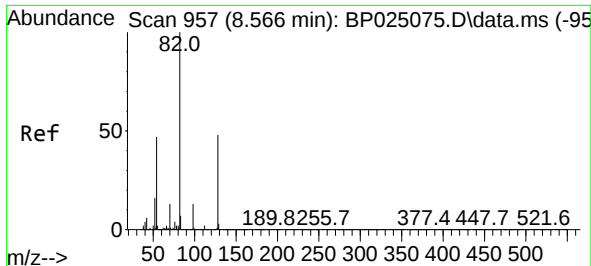


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion: 136 Resp: 1886620

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.9	5.4	8.2
68	5.4	4.5	6.7

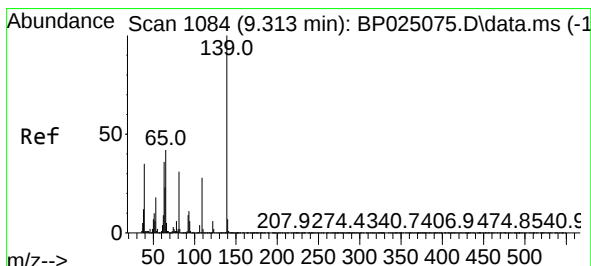
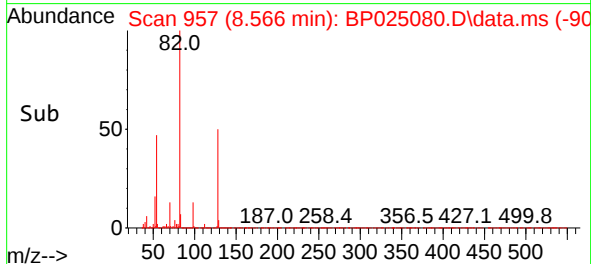
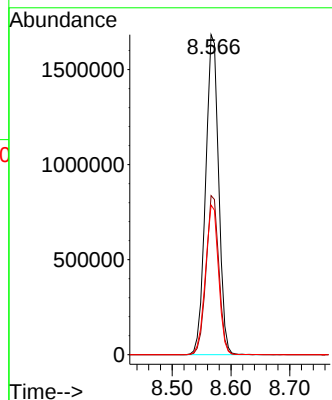
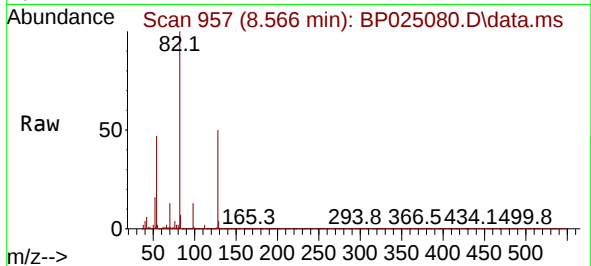




#23
Nitrobenzene-d5
Concen: 91.746 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

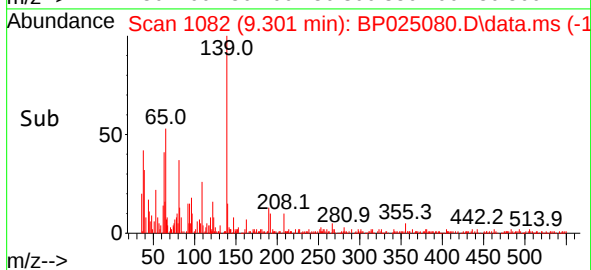
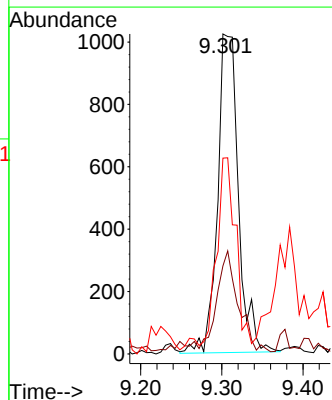
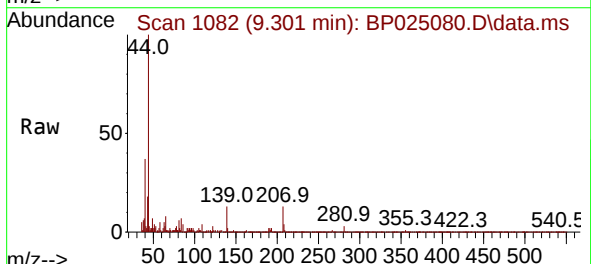
Instrument :
BNA_P
ClientSampleId :
PB168694BL

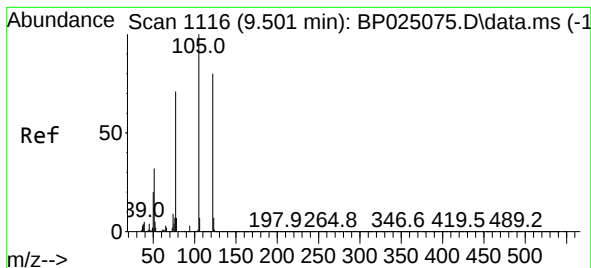
Tgt Ion: 82 Resp: 2602655
Ion Ratio Lower Upper
82 100
128 49.7 38.4 57.6
54 46.8 37.8 56.6



#26
2-Nitrophenol
Concen: 3.424 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion:139 Resp: 1838
Ion Ratio Lower Upper
139 100
109 27.5 22.3 33.5
65 61.2 33.8 50.8#





#32

Benzoic acid

Concen: 6.214 ng

RT: 9.466 min Scan# 1116

Delta R.T. -0.035 min

Lab File: BP025080.D

Acq: 03 Jul 2025 16:59

Instrument :

BNA_P

ClientSampleId :

PB168694BL

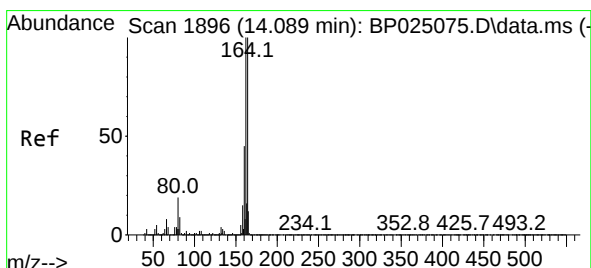
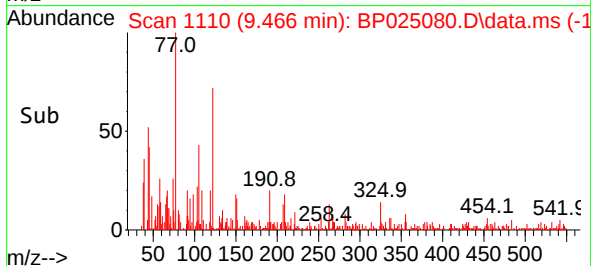
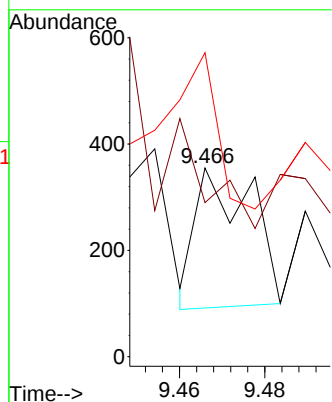
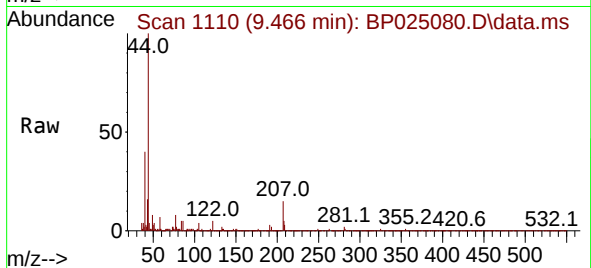
Tgt Ion:122 Resp: 235

Ion Ratio Lower Upper

122 100

105 81.7 101.0 141.0#

77 161.1 67.6 107.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.095 min Scan# 1897

Delta R.T. 0.006 min

Lab File: BP025080.D

Acq: 03 Jul 2025 16:59

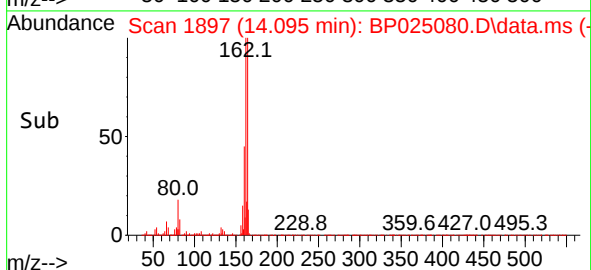
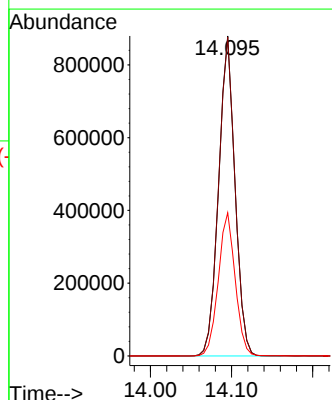
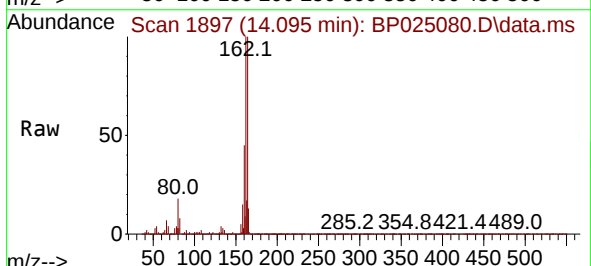
Tgt Ion:164 Resp: 1233849

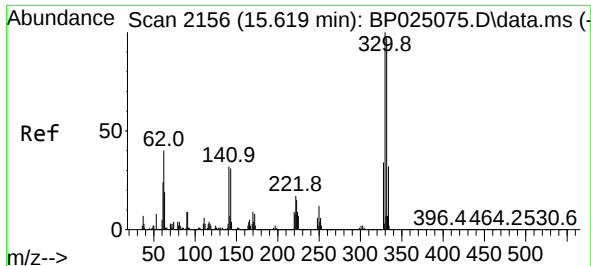
Ion Ratio Lower Upper

164 100

162 99.7 80.3 120.5

160 44.7 35.9 53.9

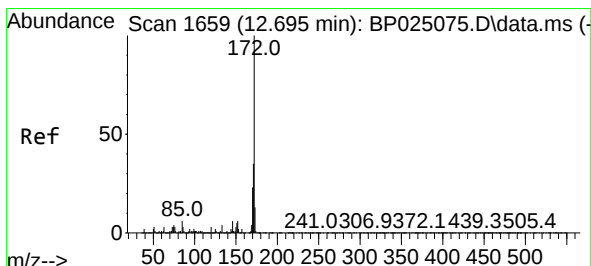
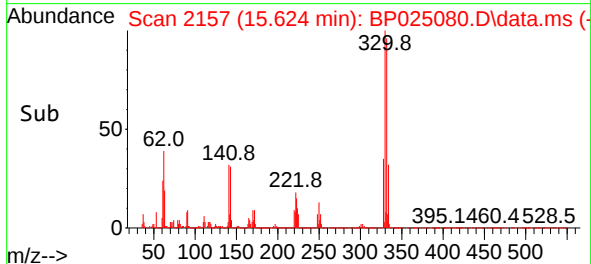
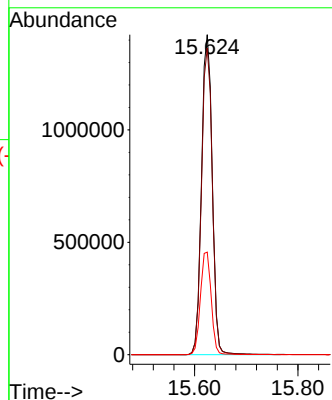
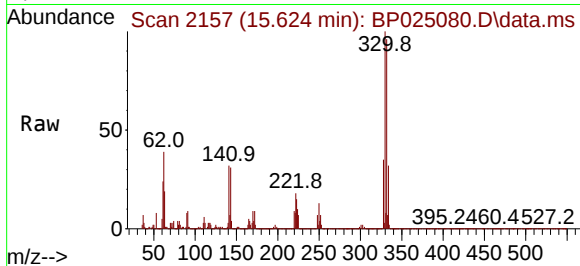




#42
2,4,6-Tribromophenol
Concen: 140.427 ng
RT: 15.624 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

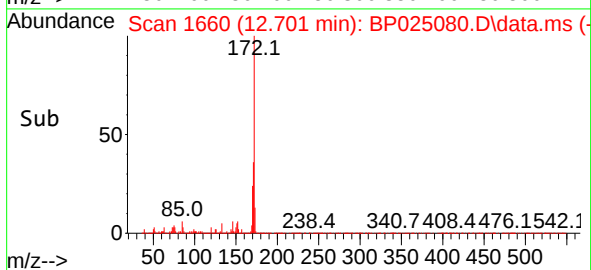
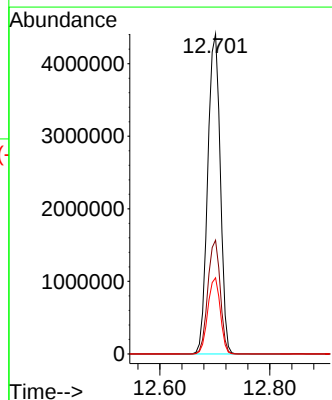
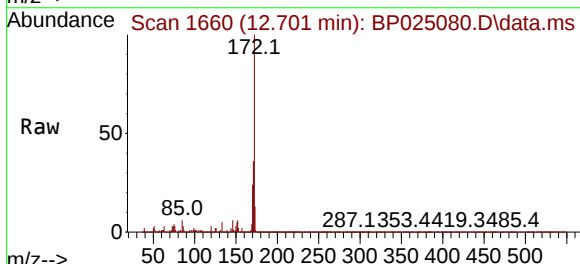
Instrument :
BNA_P
ClientSampleId :
PB168694BL

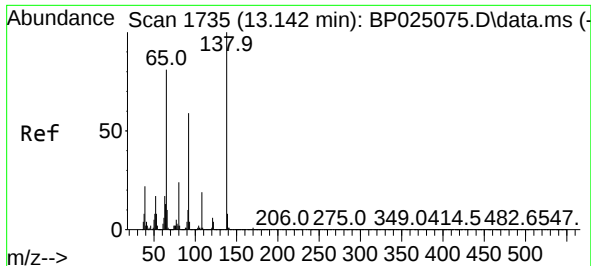
Tgt Ion:330 Resp: 2046843
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 32.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 87.492 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion:172 Resp: 6968388
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.8 18.7 28.1

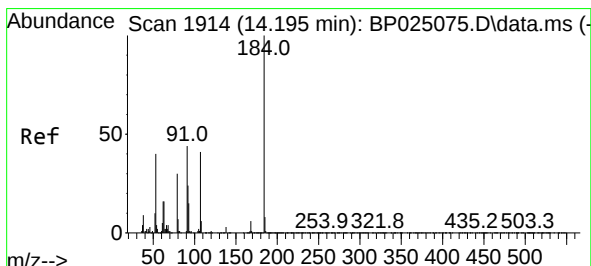
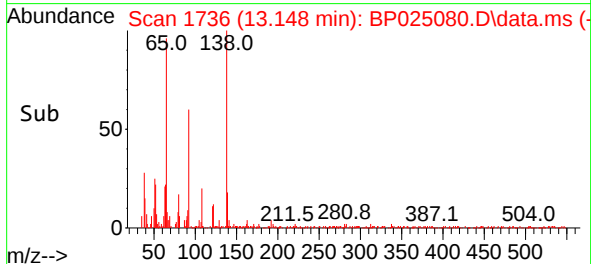
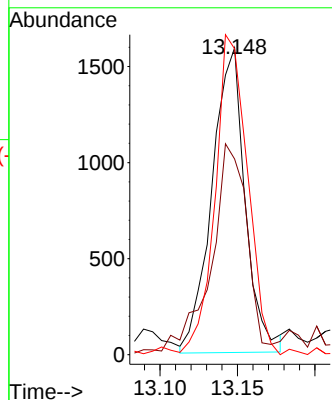
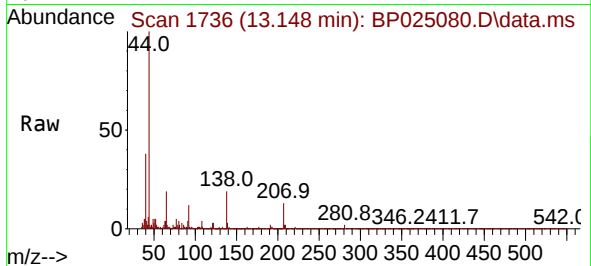




#48
2-Nitroaniline
Concen: 2.900 ng
RT: 13.148 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

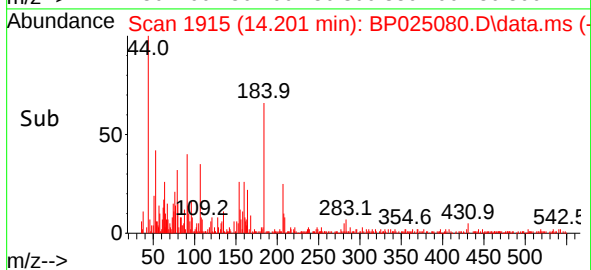
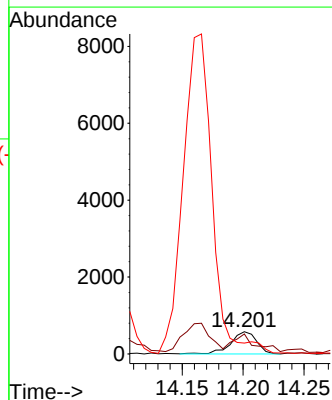
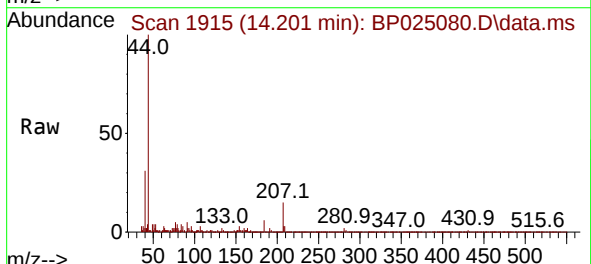
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BNA_P
ClientSampleId :
PB168694BL

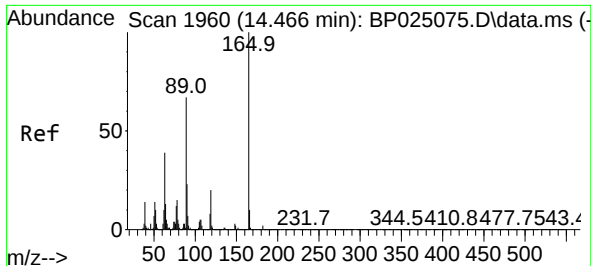
Tgt Ion: 65 Resp: 2371
Ion Ratio Lower Upper
65 100
92 63.8 58.7 88.1
138 99.7 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 5.481 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion: 184 Resp: 851
Ion Ratio Lower Upper
184 100
63 89.8 47.4 71.0#
154 48.6 47.8 71.8

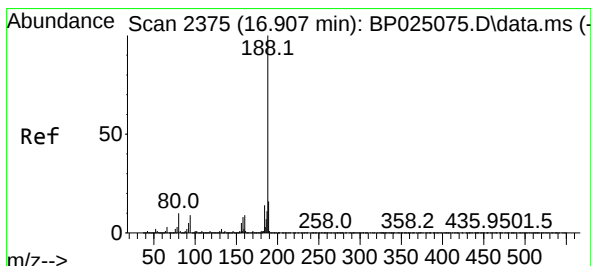
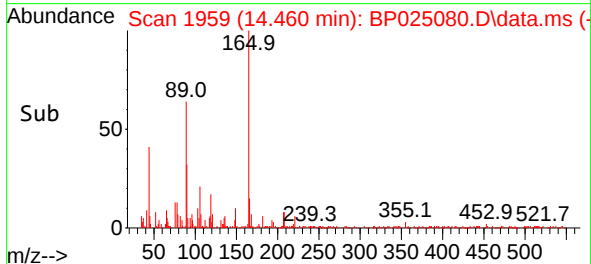
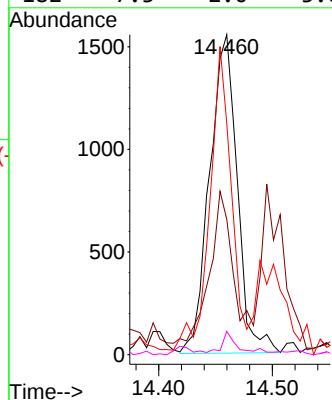
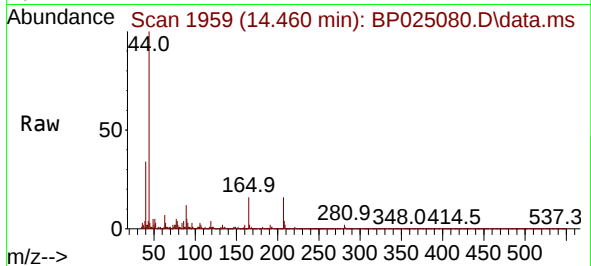




#57
2,4-Dinitrotoluene
Concen: 2.737 ng
RT: 14.460 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

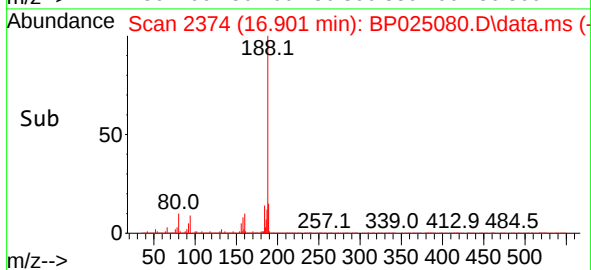
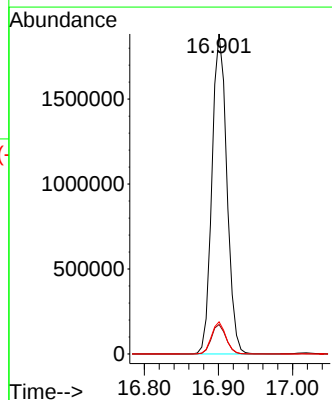
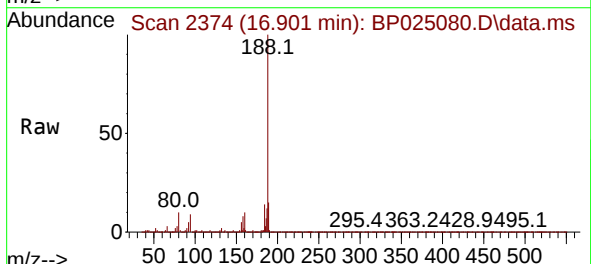
Instrument :
BNA_P
ClientSampleId :
PB168694BL

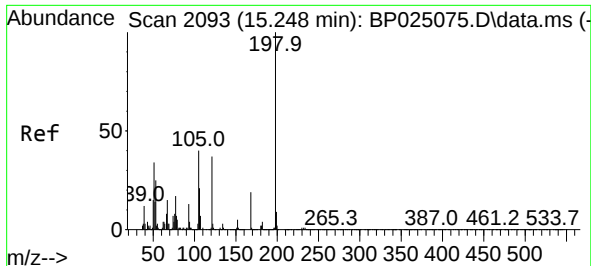
Tgt Ion:	165	Resp:	2624
Ion Ratio	Lower	Upper	
165	100		
63	42.3	31.0	46.4
89	72.4	53.4	80.0
182	7.3	2.0	3.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion:	188	Resp:	2632269
Ion Ratio	Lower	Upper	
188	100		
94	9.2	7.3	10.9
80	10.0	7.8	11.6

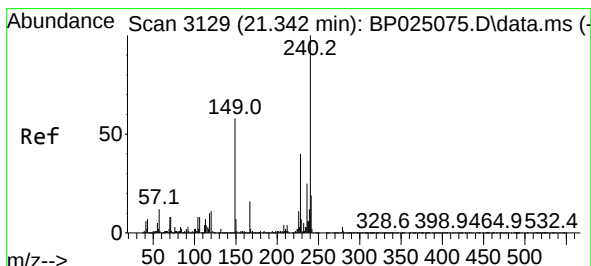
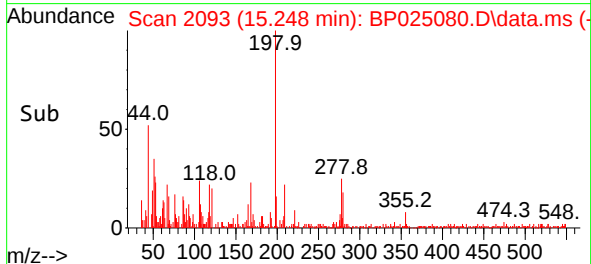
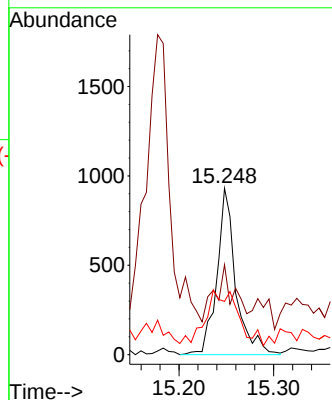
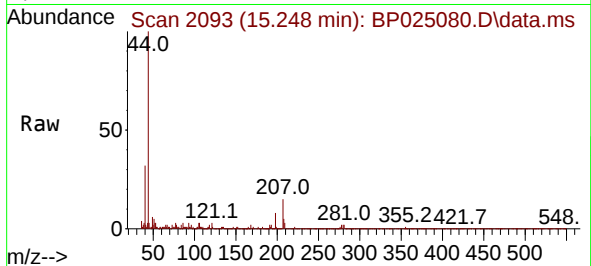




#65
4,6-Dinitro-2-methylphenol
Concen: 5.674 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

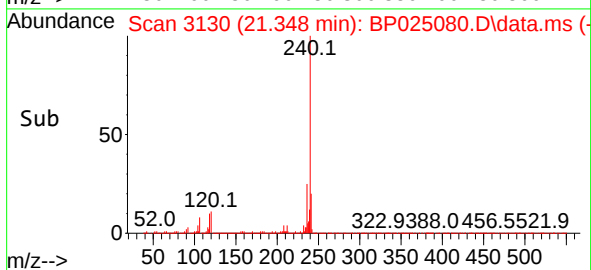
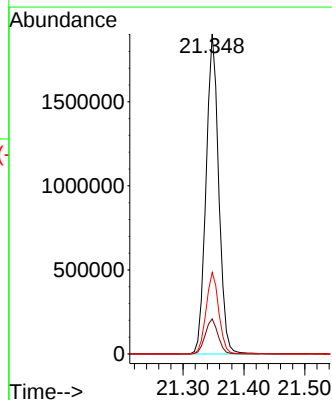
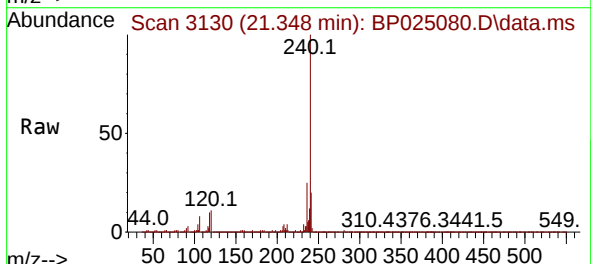
Instrument :
BNA_P
ClientSampleId :
PB168694BL

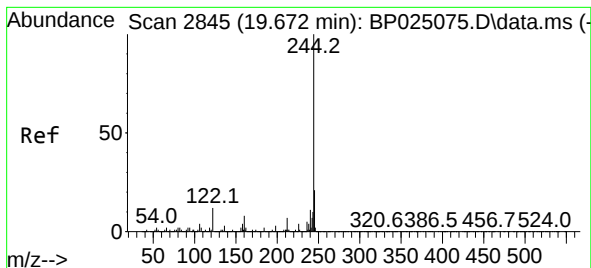
Tgt Ion:198 Resp: 1292
Ion Ratio Lower Upper
198 100
51 54.0 16.8 56.8
105 32.0 20.8 60.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion:240 Resp: 2750294
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 90.867 ng

RT: 19.689 min Scan# 2848

Delta R.T. 0.017 min

Lab File: BP025080.D

Acq: 03 Jul 2025 16:59

Instrument :

BNA_P

ClientSampleId :

PB168694BL

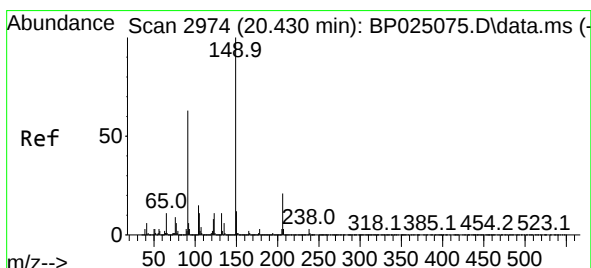
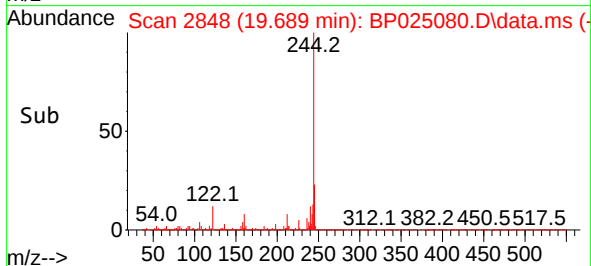
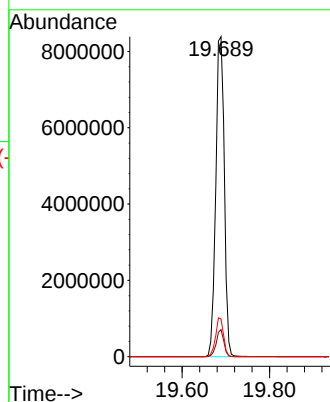
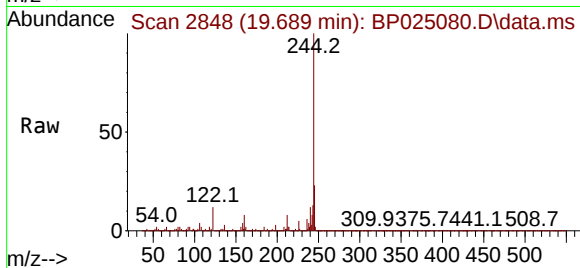
Tgt Ion:244 Resp:11371065

Ion Ratio Lower Upper

244 100

212 8.5 5.9 8.9

122 11.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.764 ng

RT: 20.442 min Scan# 2976

Delta R.T. 0.012 min

Lab File: BP025080.D

Acq: 03 Jul 2025 16:59

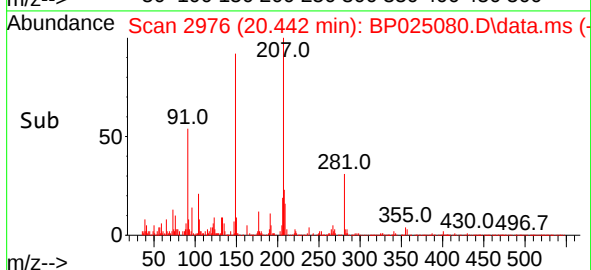
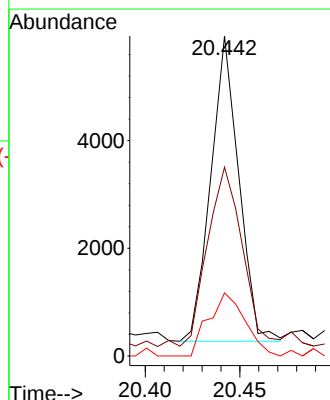
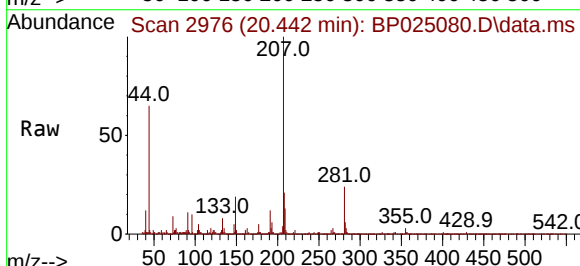
Tgt Ion:149 Resp: 5846

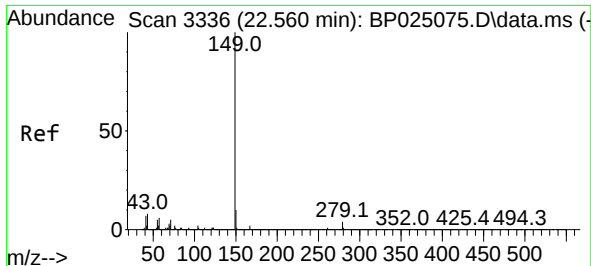
Ion Ratio Lower Upper

149 100

91 59.0 50.6 76.0

206 19.7 17.2 25.8

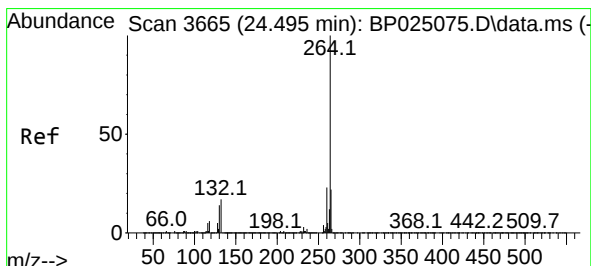
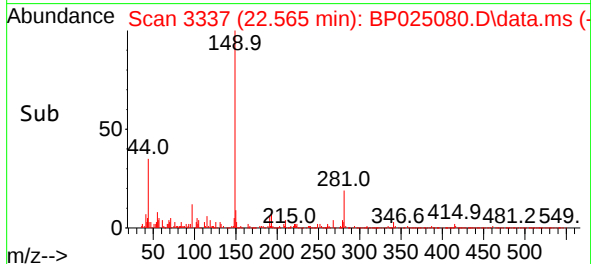
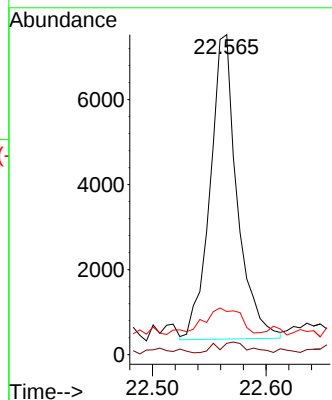
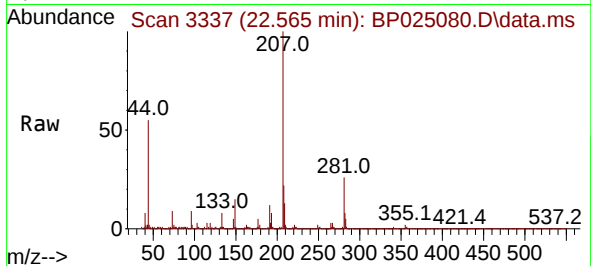




#85
Di-n-octyl phthalate
Concen: 6.162 ng
RT: 22.565 min Scan# 311
Delta R.T. 0.005 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Instrument :
BNA_P
ClientSampleId :
PB168694BL

Tgt Ion:149 Resp: 11863
Ion Ratio Lower Upper
149 100
167 4.1 1.3 1.9#
43 16.7 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.500 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion:264 Resp: 2840436
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.8 17.7 26.5

