

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025136.D
 Acq On : 15 Jul 2025 02:03
 Operator : CG/JU
 Sample : Q2564-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0030

Quant Time: Jul 15 03:36:25 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)

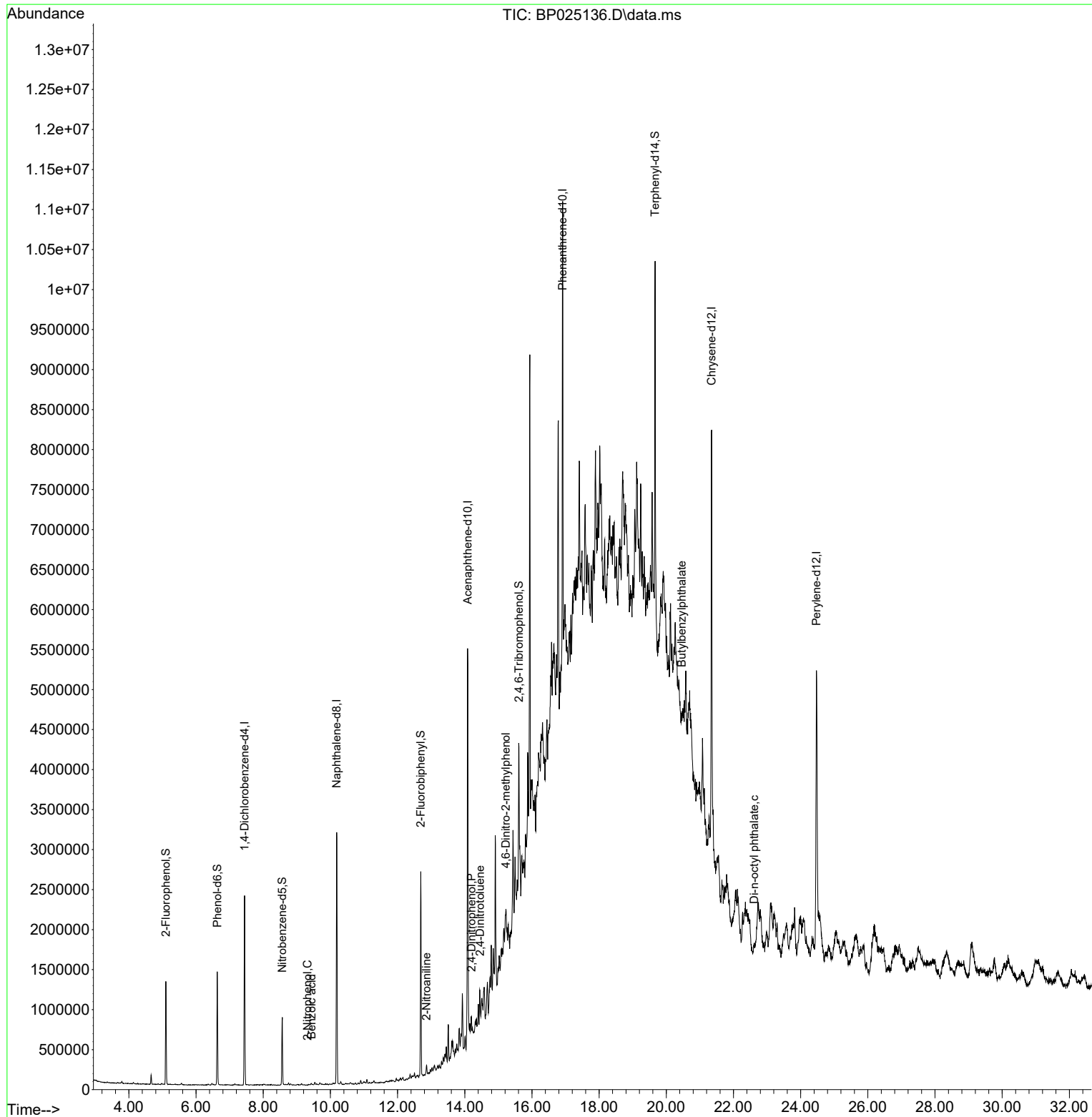
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	649306	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2642984	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1697710	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	3280361	20.000	ng	0.00
76) Chrysene-d12	21.348	240	3105553	20.000	ng	0.00
86) Perylene-d12	24.471	264	3284381	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	596232	16.270	ng	0.00
7) Phenol-d6	6.631	99	778802	16.285	ng	0.00
23) Nitrobenzene-d5	8.566	82	453628	11.415	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	397660	19.828	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	1305906	11.916	ng	0.00
79) Terphenyl-d14	19.666	244	2093349	14.815	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.319	139	42	3.304	ng	# 1
32) Benzoic acid	9.437	122	4260	6.338	ng	91
48) 2-Nitroaniline	12.860	65	643	2.791	ng	83
54) 2,4-Dinitrophenol	14.195	184	158	5.398	ng	# 1
57) 2,4-Dinitrotoluene	14.454	165	2023	2.693	ng	# 73
65) 4,6-Dinitro-2-methylph...	15.219	198	3852	5.807	ng	# 1
80) Butylbenzylphthalate	20.460	149	4421	3.737	ng	# 43
85) Di-n-octyl phthalate	22.618	149	13105	6.160	ng	# 79

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

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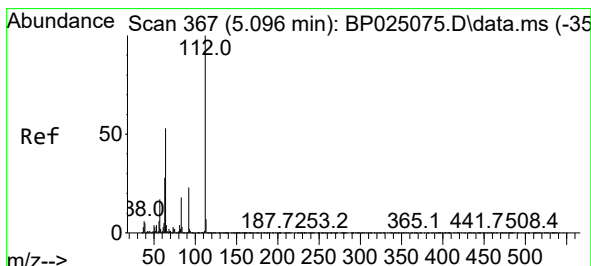
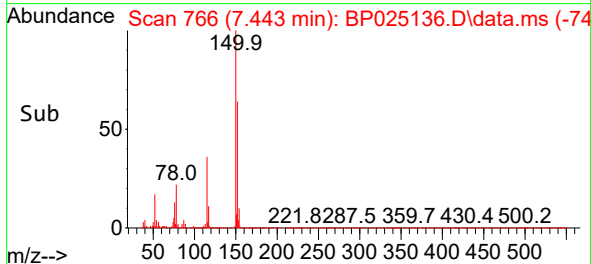
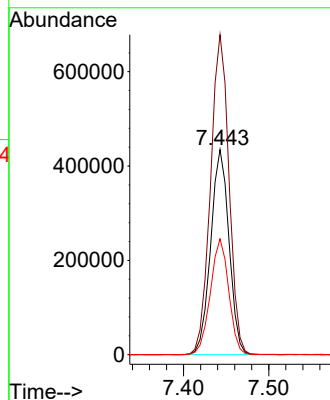
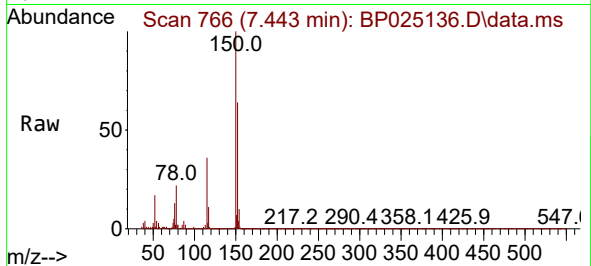




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 766
 Delta R.T. -0.000 min
 Lab File: BP025136.D
 Acq: 15 Jul 2025 02:03

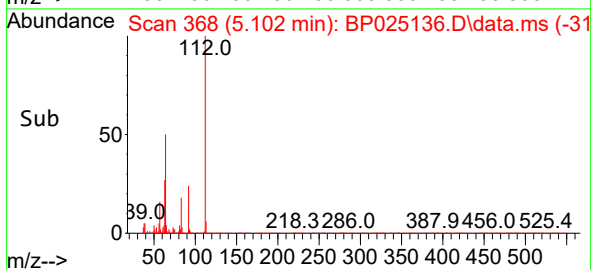
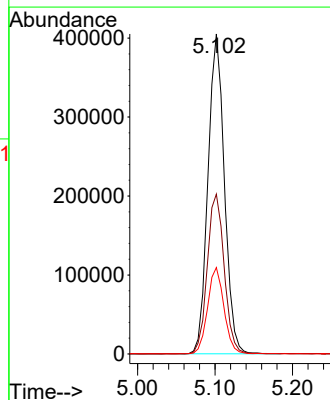
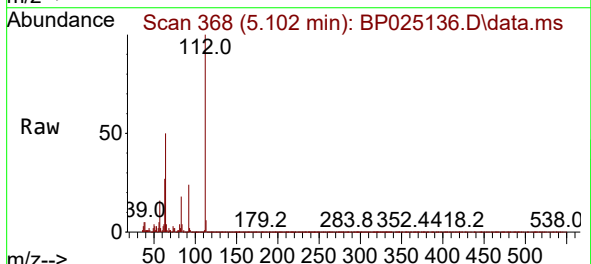
Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0030

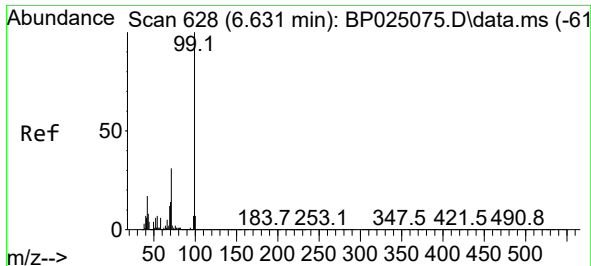
Tgt Ion:152 Resp: 649306
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.1 189.1
 115 56.5 44.3 66.5



#5
 2-Fluorophenol
 Concen: 16.270 ng
 RT: 5.102 min Scan# 368
 Delta R.T. 0.006 min
 Lab File: BP025136.D
 Acq: 15 Jul 2025 02:03

Tgt Ion:112 Resp: 596232
 Ion Ratio Lower Upper
 112 100
 64 49.9 42.0 63.0
 63 27.0 22.2 33.2

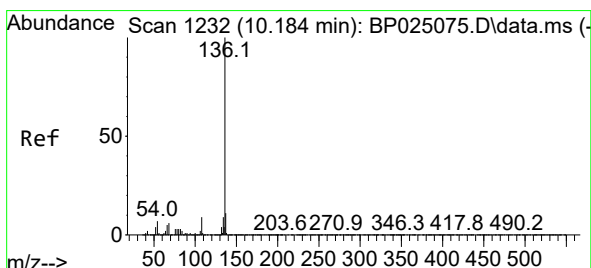
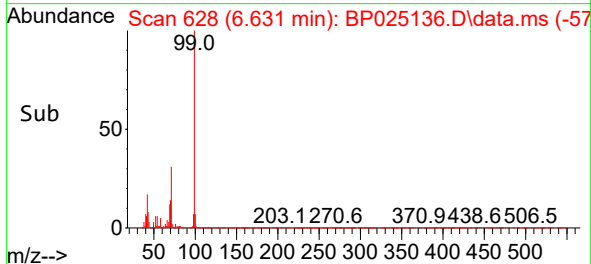
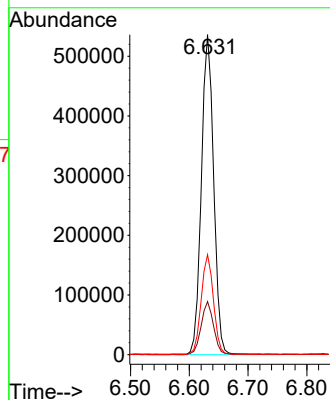
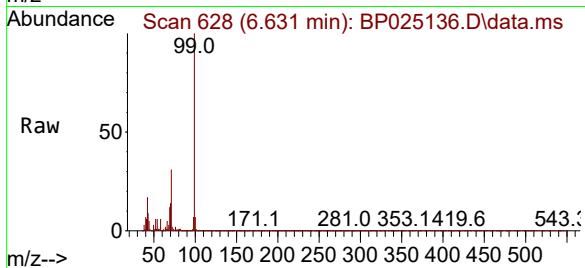




#7
Phenol-d6
Concen: 16.285 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

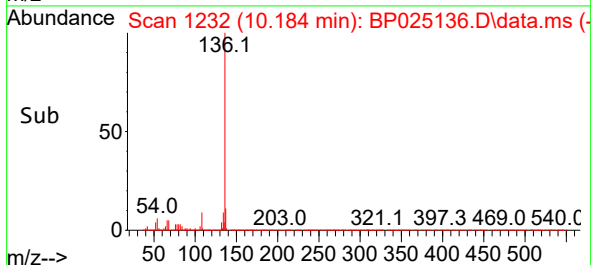
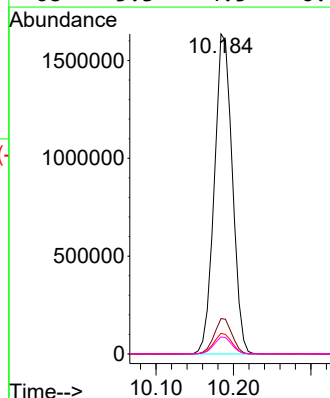
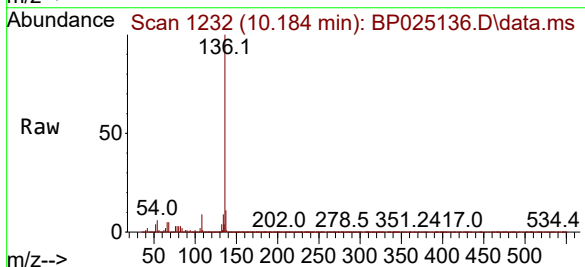
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

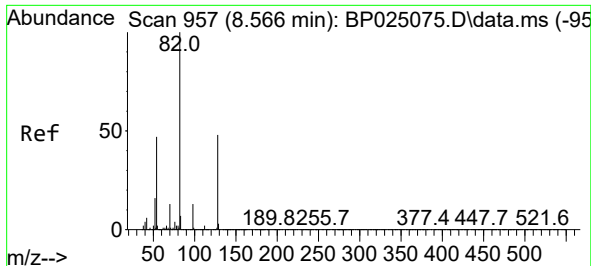
Tgt Ion:	99	Resp:	778802
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	31.3	24.4	36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion:	136	Resp:	2642984
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.5	5.4	8.2
68	5.3	4.5	6.7

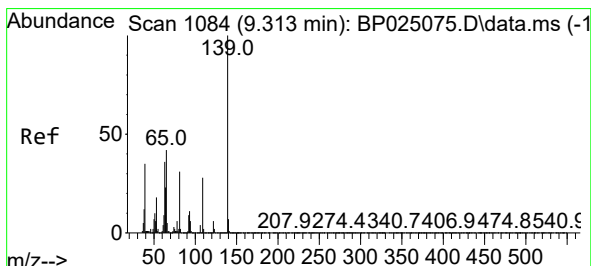
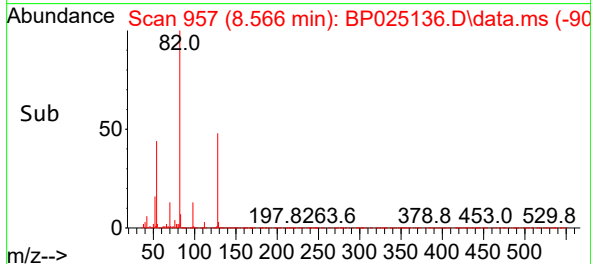
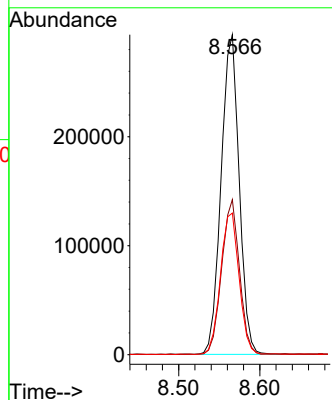
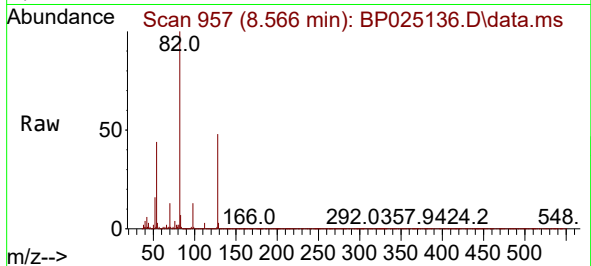




#23
Nitrobenzene-d5
Concen: 11.415 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

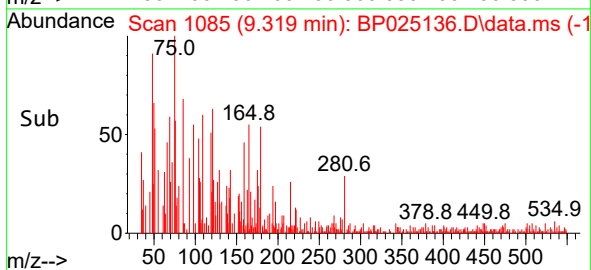
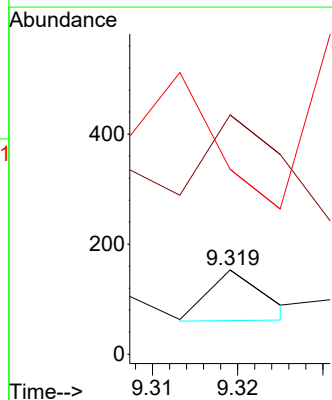
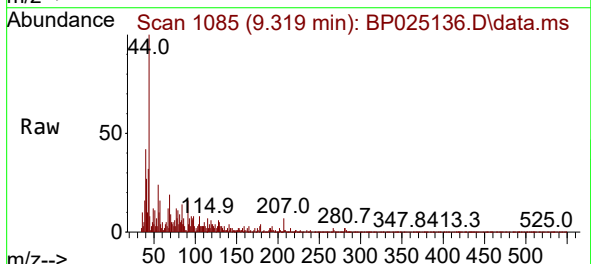
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

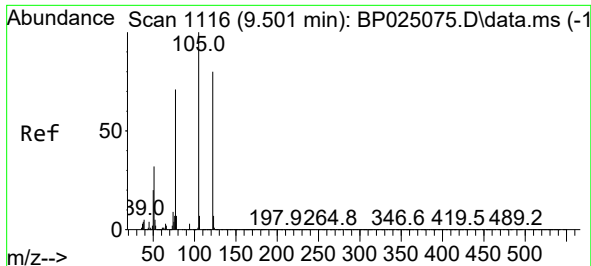
Tgt Ion: 82 Resp: 453628
Ion Ratio Lower Upper
82 100
128 48.5 38.4 57.6
54 44.2 37.8 56.6



#26
2-Nitrophenol
Concen: 3.304 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion:139 Resp: 42
Ion Ratio Lower Upper
139 100
109 284.3 22.3 33.5#
65 219.6 33.8 50.8#

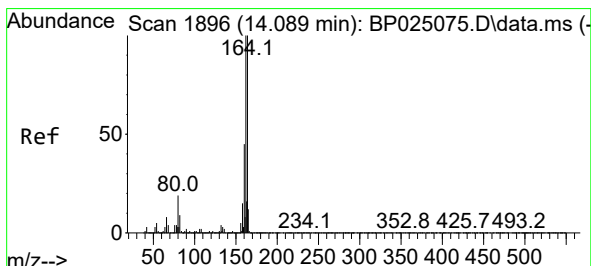
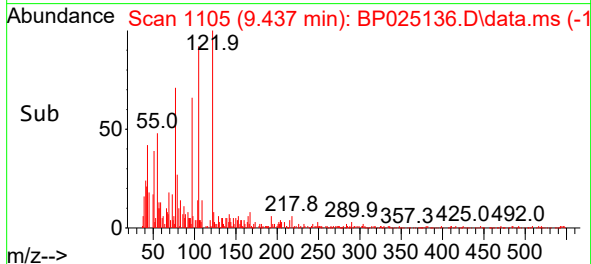
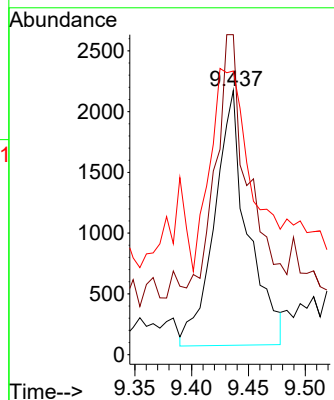
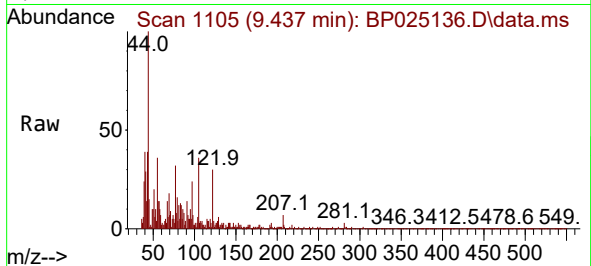




#32
Benzoic acid
Concen: 6.338 ng
RT: 9.437 min Scan# 1116
Delta R.T. -0.064 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

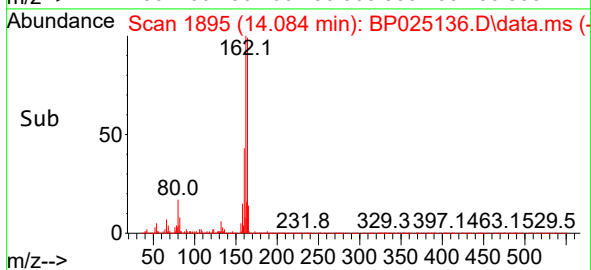
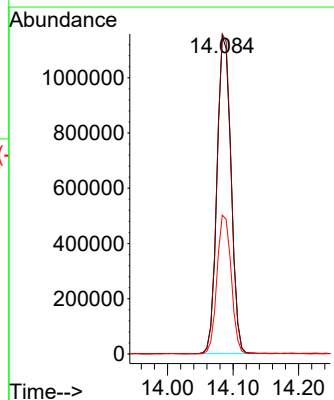
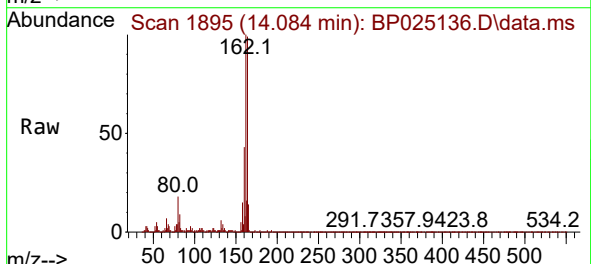
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

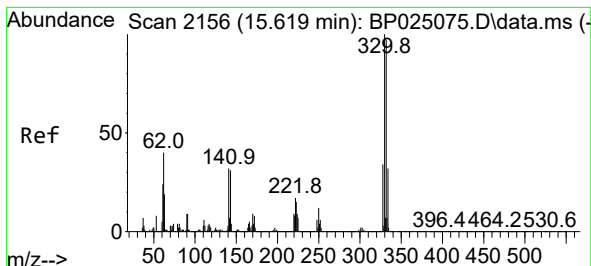
Tgt Ion:122 Resp: 4260
Ion Ratio Lower Upper
122 100
105 121.2 101.0 141.0
77 107.4 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion:164 Resp: 1697710
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 43.7 35.9 53.9

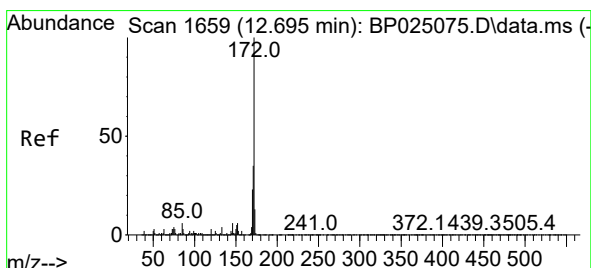
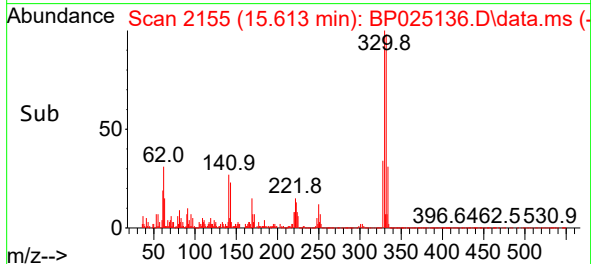
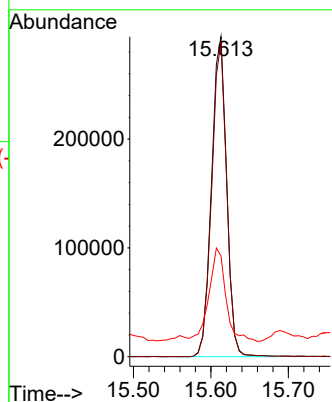
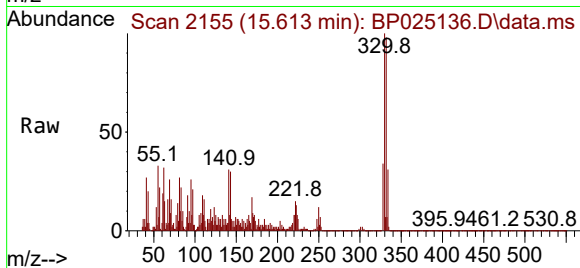




#42
2,4,6-Tribromophenol
Concen: 19.828 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

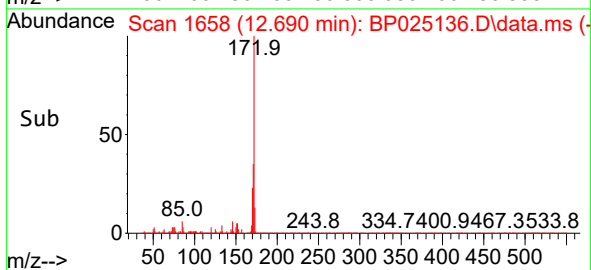
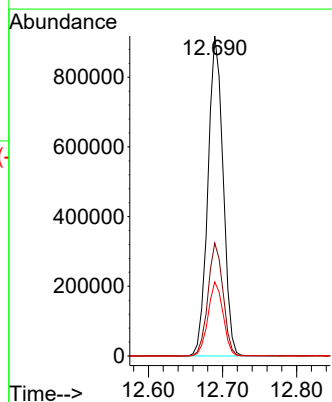
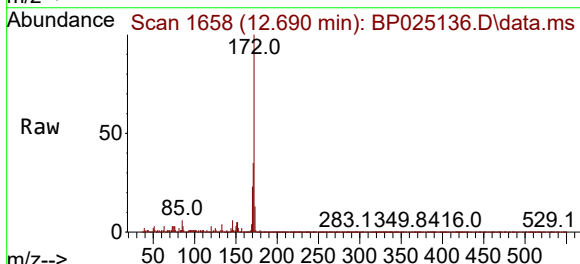
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

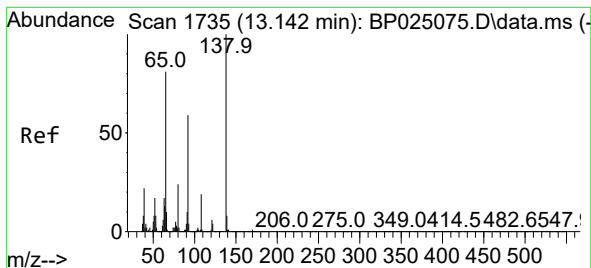
Tgt Ion: 330 Resp: 397660
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 32.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 11.916 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion: 172 Resp: 1305906
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.1 18.7 28.1





#48

2-Nitroaniline

Concen: 2.791 ng

RT: 12.860 min Scan# 1

Delta R.T. -0.282 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

Instrument :

BNA_P

ClientSampleId :

ARS20-0030

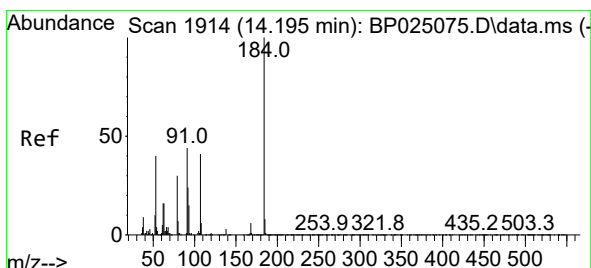
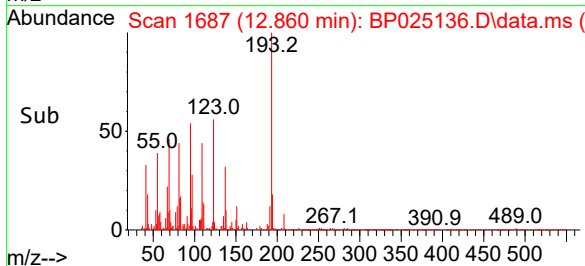
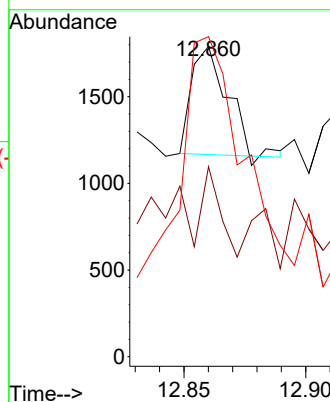
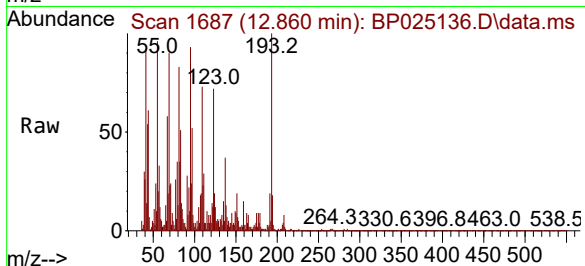
Tgt Ion: 65 Resp: 643

Ion Ratio Lower Upper

65 100

92 61.2 58.7 88.1

138 103.1 99.0 148.4



#54

2,4-Dinitrophenol

Concen: 5.398 ng

RT: 14.195 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

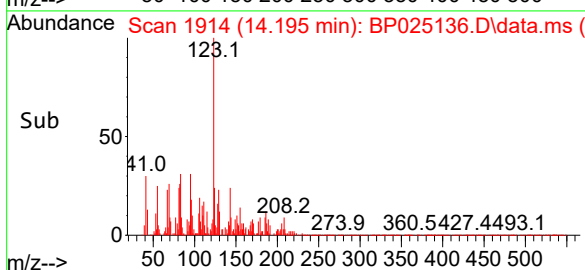
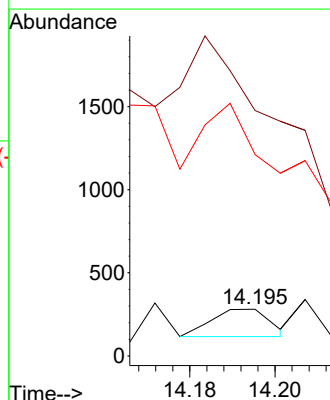
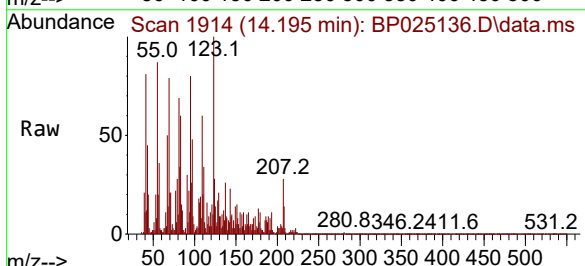
Tgt Ion:184 Resp: 158

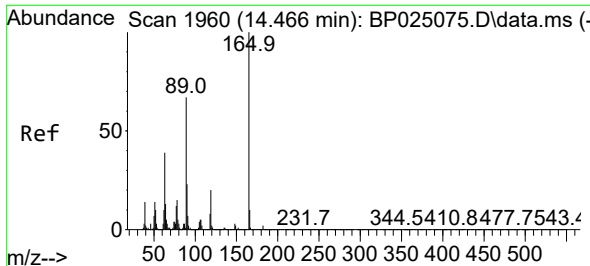
Ion Ratio Lower Upper

184 100

63 525.3 47.4 71.0#

154 431.3 47.8 71.8#



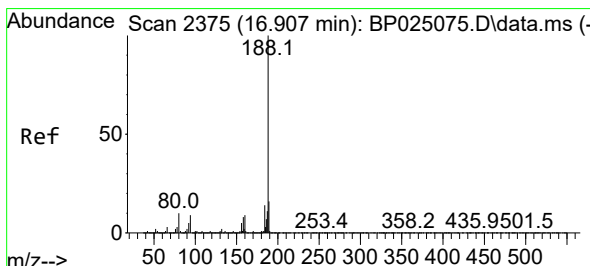
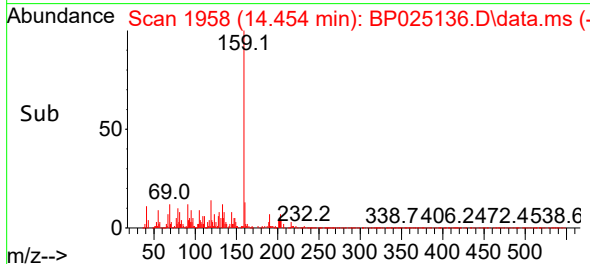
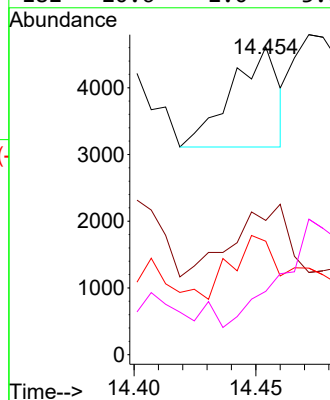
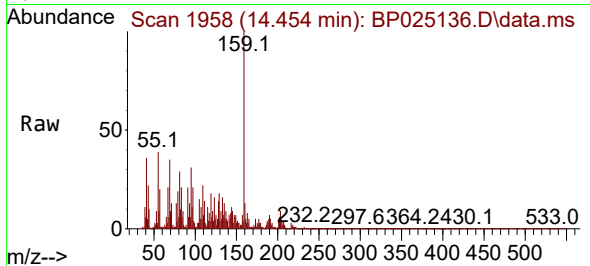


#57
2,4-Dinitrotoluene
Concen: 2.693 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Instrument :
BNA_P
ClientSampleId :
ARS20-0030

Tgt Ion:165 Resp: 2023

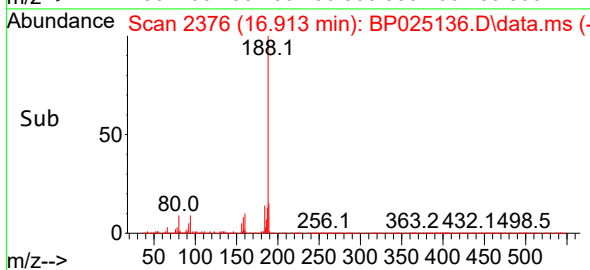
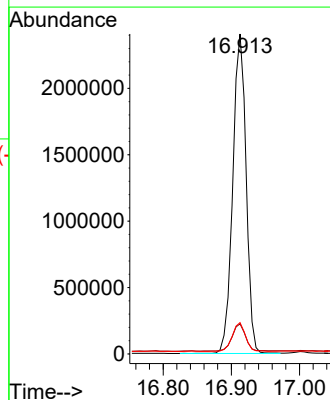
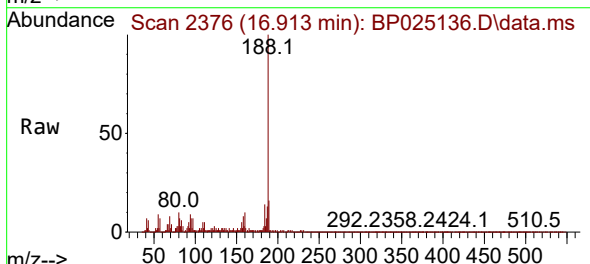
Ion	Ratio	Lower	Upper
165	100		
63	43.6	31.0	46.4
89	36.9	53.4	80.0#
182	20.6	2.0	3.0#

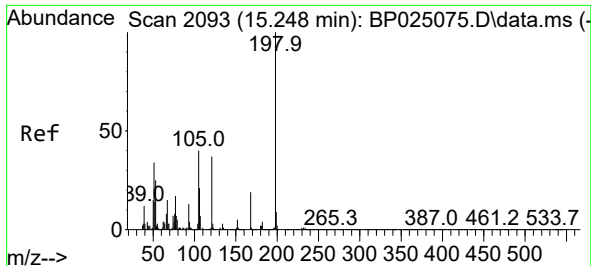


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion:188 Resp: 3280361

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.3	10.9
80	9.8	7.8	11.6

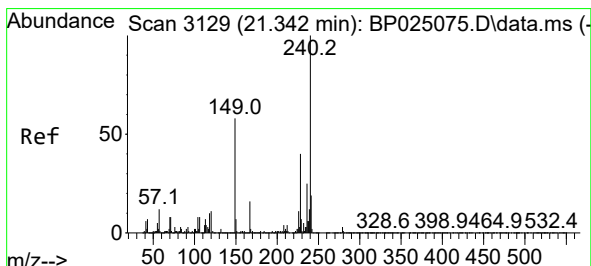
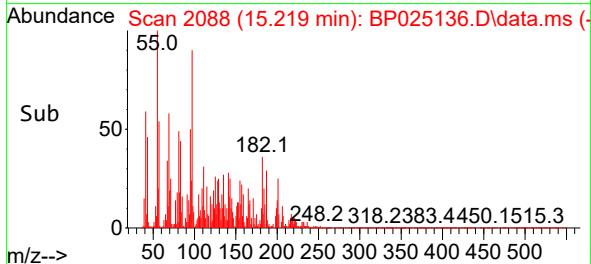
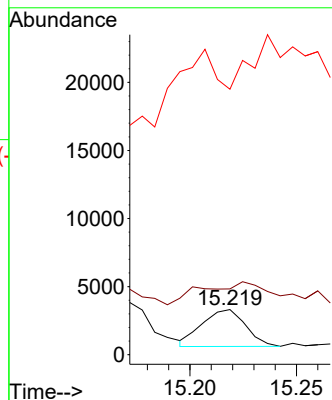
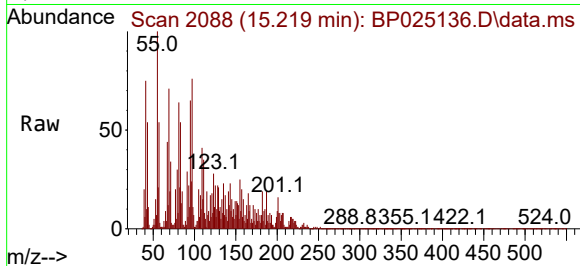




#65
4,6-Dinitro-2-methylphenol
Concen: 5.807 ng
RT: 15.219 min Scan# 20
Delta R.T. -0.029 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

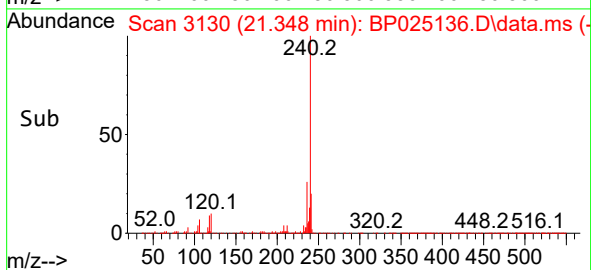
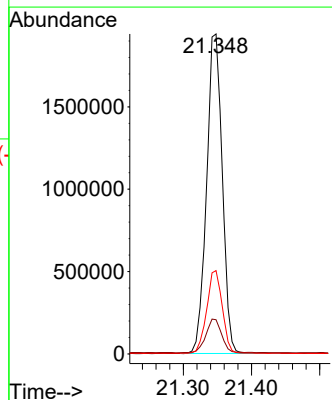
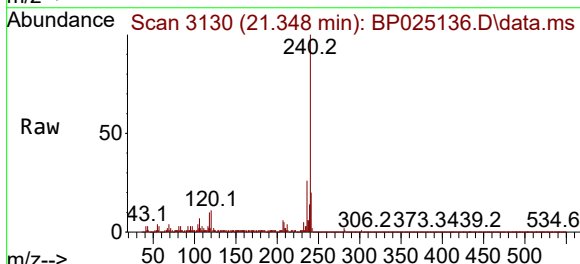
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

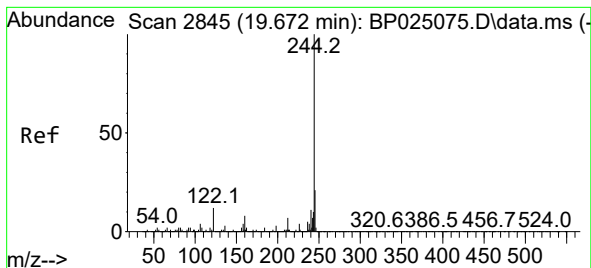
Tgt Ion:198 Resp: 3852
Ion Ratio Lower Upper
198 100
51 145.7 16.8 56.8#
105 588.1 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion:240 Resp: 3105553
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 14.815 ng

RT: 19.666 min Scan# 2844

Delta R.T. -0.006 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

Instrument :

BNA_P

ClientSampleId :

ARS20-0030

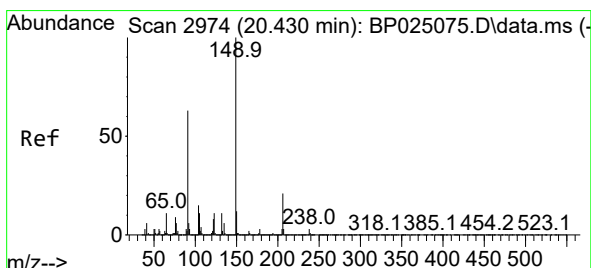
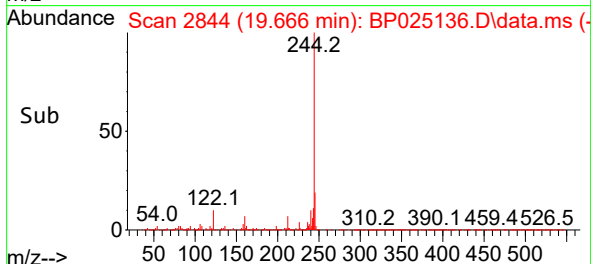
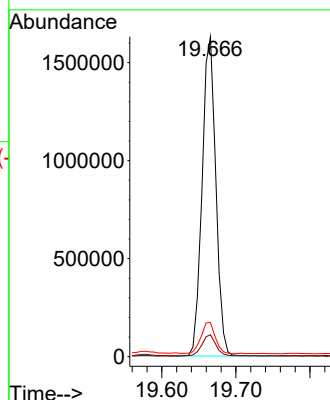
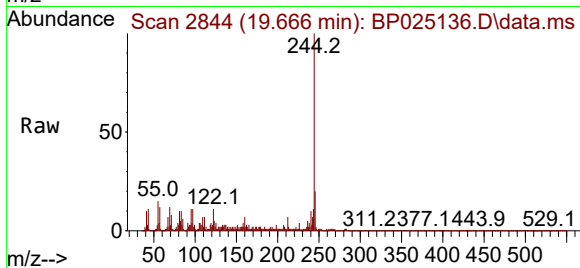
Tgt Ion:244 Resp: 2093349

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 10.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.737 ng

RT: 20.460 min Scan# 2979

Delta R.T. 0.030 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

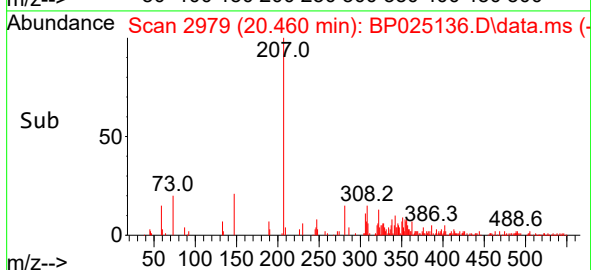
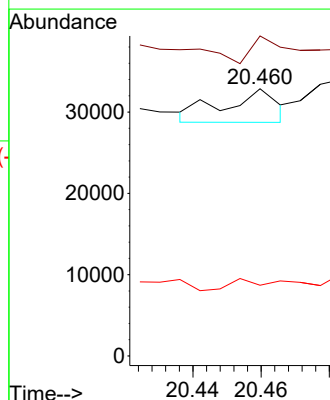
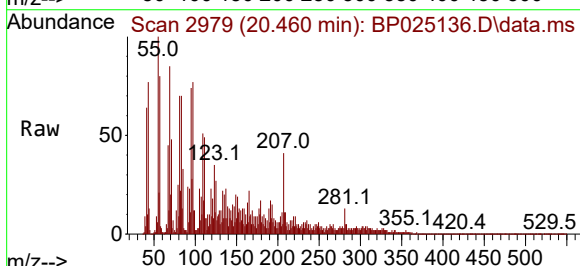
Tgt Ion:149 Resp: 4421

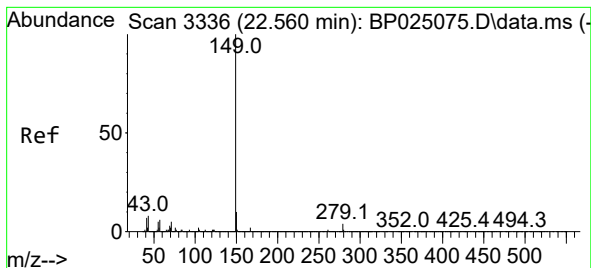
Ion Ratio Lower Upper

149 100

91 119.8 50.6 76.0#

206 26.5 17.2 25.8#





#85

Di-n-octyl phthalate

Concen: 6.160 ng

RT: 22.618 min Scan# 31

Delta R.T. 0.058 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

Instrument :

BNA_P

ClientSampleId :

ARS20-0030

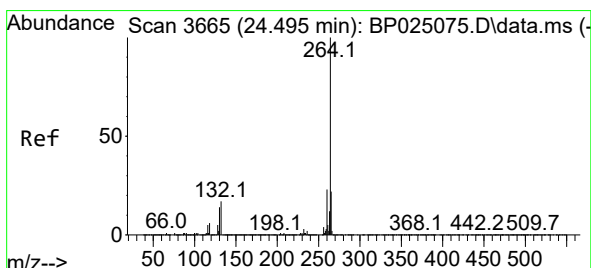
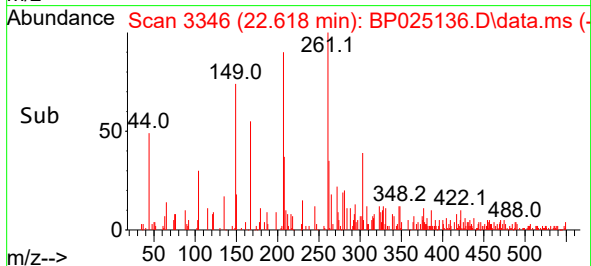
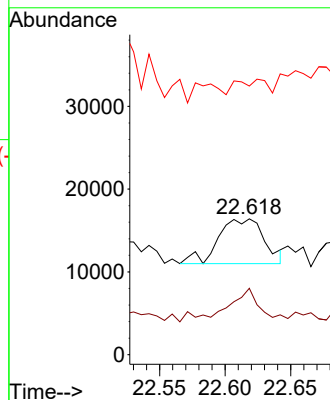
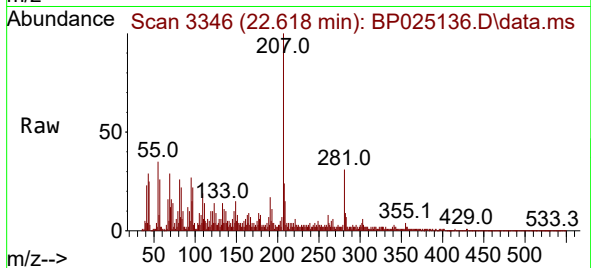
Tgt Ion:149 Resp: 13105

Ion Ratio Lower Upper

149 100

167 35.9 1.3 1.9#

43 11.4 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3661

Delta R.T. -0.024 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

Tgt Ion:264 Resp: 3284381

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.9 17.7 26.5

