

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025134.D
 Acq On : 15 Jul 2025 00:41
 Operator : CG/JU
 Sample : Q2564-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0013

Quant Time: Jul 15 01:19:05 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)

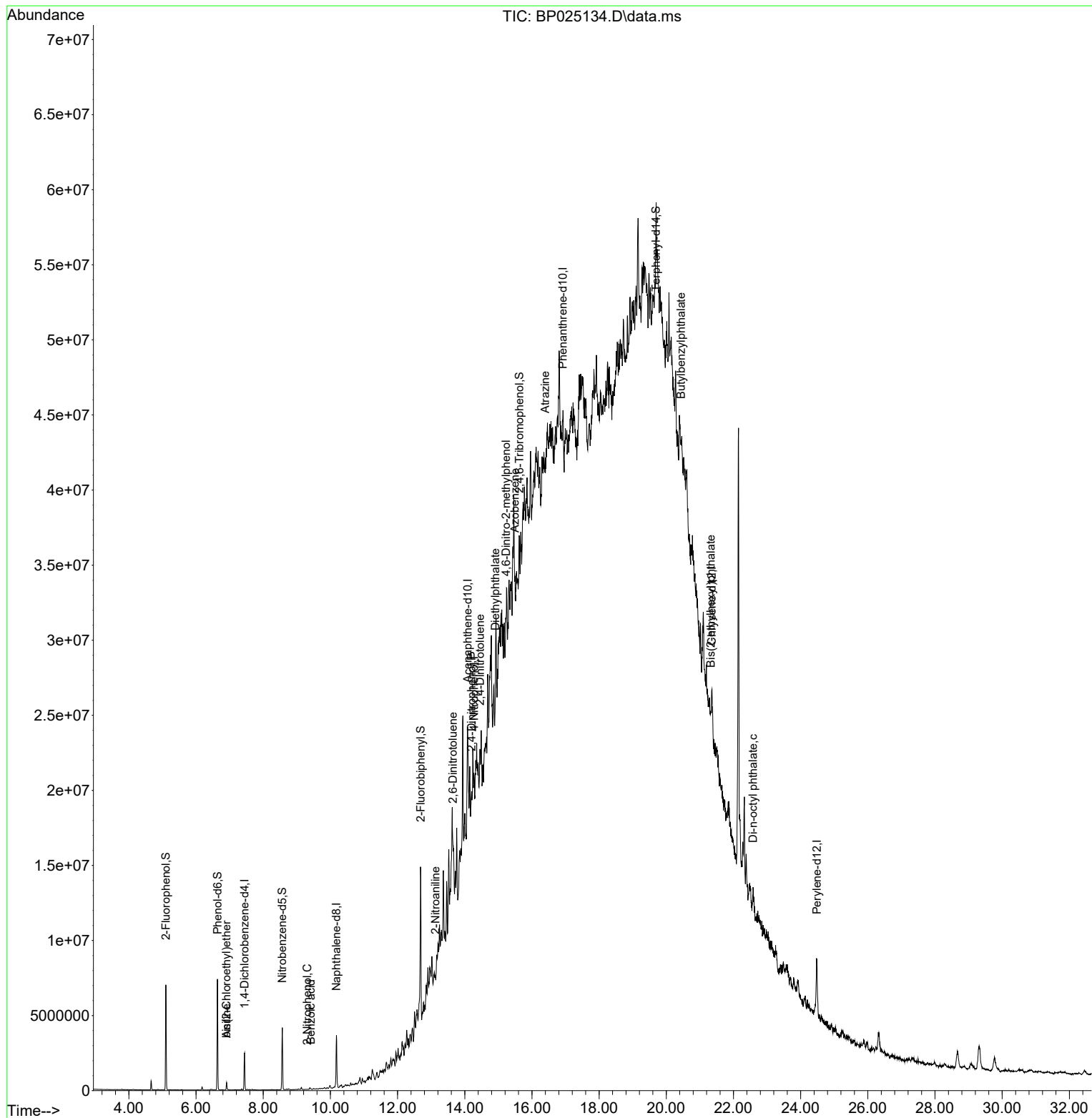
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	692747	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2712633	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1381550	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	2177723	20.000	ng	# 0.01
76) Chrysene-d12	21.354	240	2890922	20.000	ng	0.01
86) Perylene-d12	24.483	264	3456594	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3092802	79.105	ng	0.00
7) Phenol-d6	6.637	99	3839844	75.260	ng	0.00
23) Nitrobenzene-d5	8.566	82	2377957	58.300	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	1525442	93.467	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	5517879	61.873	ng	-0.01
79) Terphenyl-d14	19.695	244	6292197	47.836	ng	0.02
Target Compounds						
						Qvalue
6) Aniline	6.908	93	188272	3.949	ng	# 52
11) bis(2-Chloroethyl)ether	6.908	93	188272	4.719	ng	# 26
26) 2-Nitrophenol	9.313	139	285	3.315	ng	# 1
32) Benzoic acid	9.419	122	6150	6.392	ng	83
48) 2-Nitroaniline	13.131	65	5583	3.049	ng	# 70
51) 2,6-Dinitrotoluene	13.649	165	424087	22.485	ng	# 34
54) 2,4-Dinitrophenol	14.196	184	3879	5.777	ng	# 1
56) 4-Nitrophenol	14.278	139	43979	2.358	ng	# 1
57) 2,4-Dinitrotoluene	14.454	165	95487	5.897	ng	# 41
60) Diethylphthalate	14.913	149	356643	3.672	ng	# 61
63) Azobenzene	15.490	77	291750	3.373	ng	# 21
65) 4,6-Dinitro-2-methylph...	15.225	198	30240	8.276	ng	# 1
69) Atrazine	16.395	200	143629	7.865	ng	# 1
80) Butylbenzylphthalate	20.436	149	106586	5.108	ng	# 65
84) Bis(2-ethylhexyl)phtha...	21.325	149	410414	4.367	ng	# 81
85) Di-n-octyl phthalate	22.583	149	149955	6.858	ng	# 1

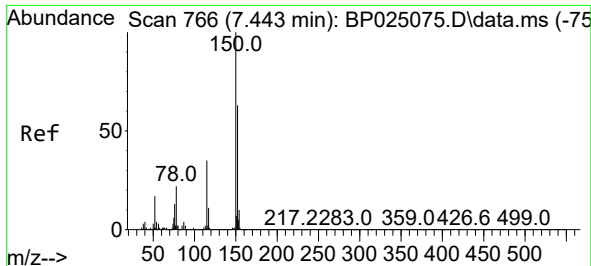
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025134.D
Acq On : 15 Jul 2025 00:41
Operator : CG/JU
Sample : Q2564-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0013

Quant Time: Jul 15 01:19:05 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

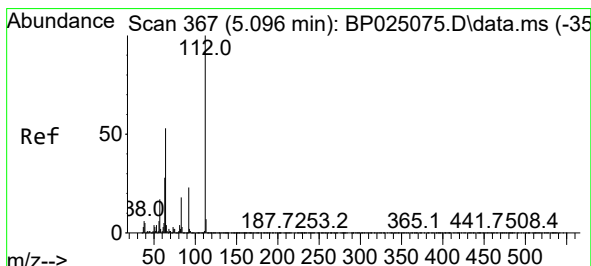
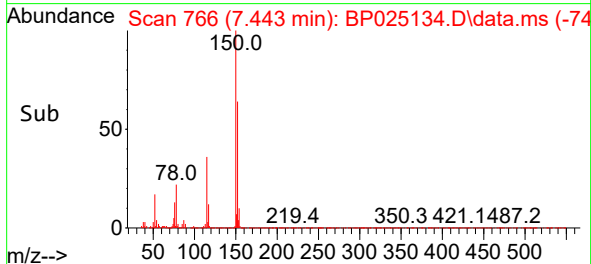
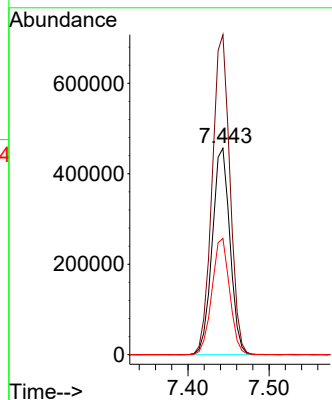
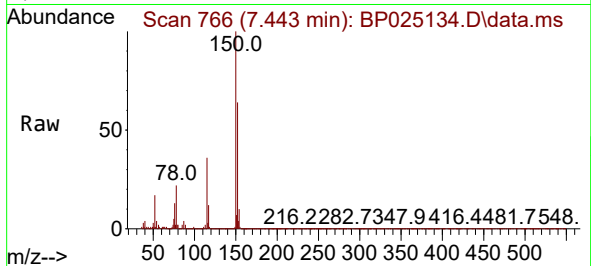




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 766
Delta R.T. 0.000 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

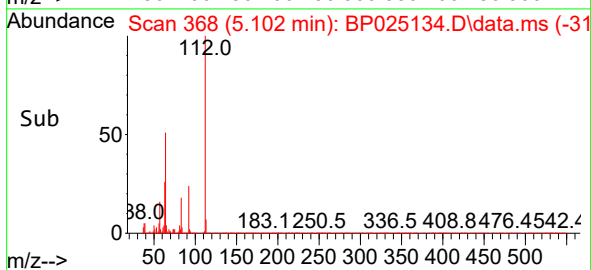
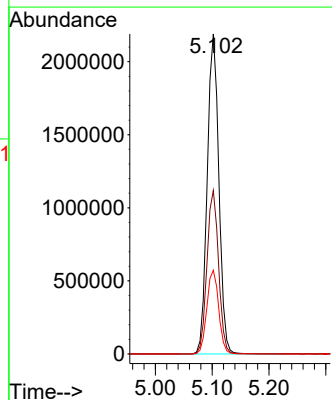
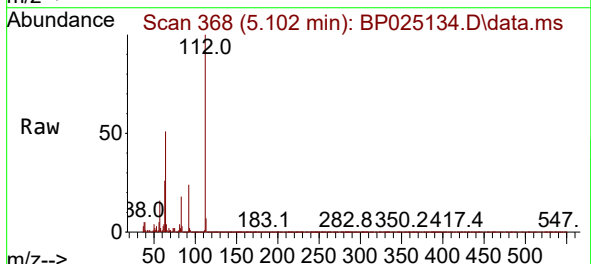
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

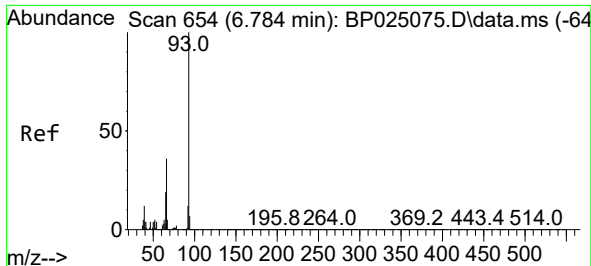
Tgt Ion:152 Resp: 692747
Ion Ratio Lower Upper
152 100
150 155.0 126.1 189.1
115 56.3 44.3 66.5



#5
2-Fluorophenol
Concen: 79.105 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion:112 Resp: 3092802
Ion Ratio Lower Upper
112 100
64 51.1 42.0 63.0
63 26.2 22.2 33.2

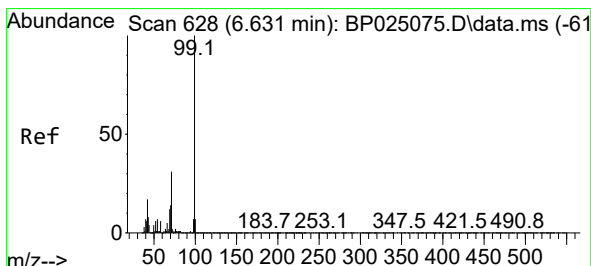
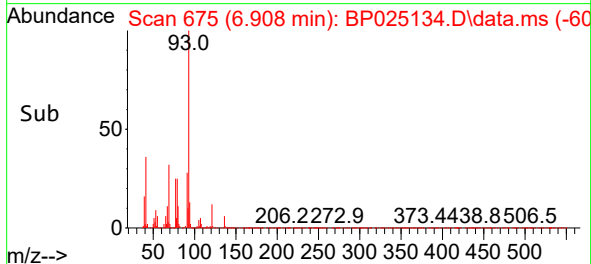
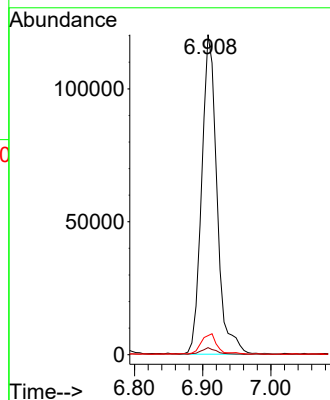
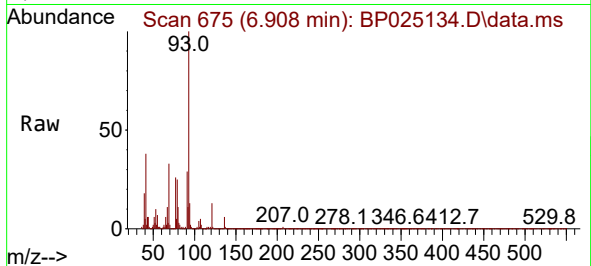




#6
Aniline
Concen: 3.949 ng
RT: 6.908 min Scan# 61
Delta R.T. 0.124 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

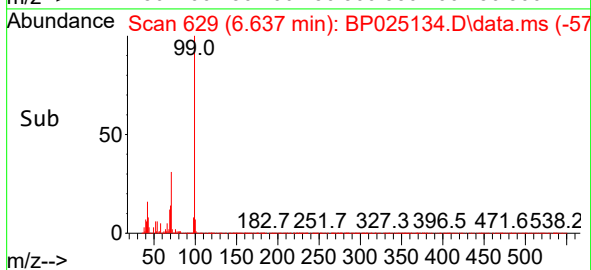
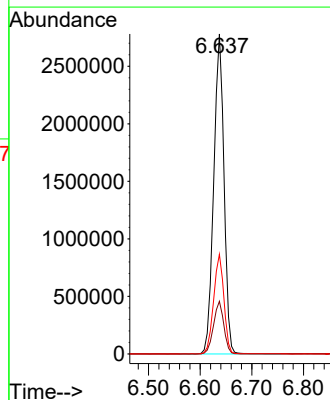
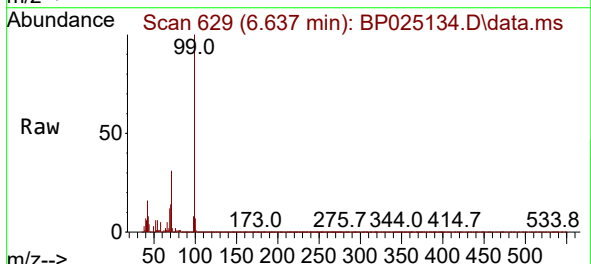
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

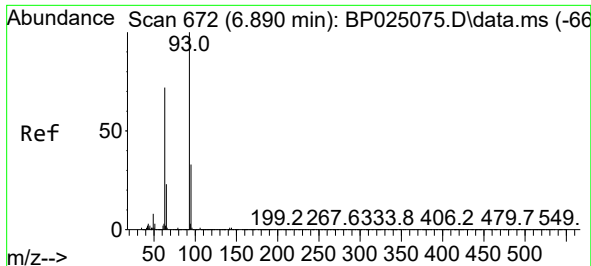
Tgt Ion: 93 Resp: 188272
Ion Ratio Lower Upper
93 100
66 2.2 28.9 43.3#
65 6.0 15.2 22.8#



#7
Phenol-d6
Concen: 75.260 ng
RT: 6.637 min Scan# 629
Delta R.T. 0.006 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion: 99 Resp: 3839844
Ion Ratio Lower Upper
99 100
42 16.5 13.6 20.4
71 31.2 24.4 36.6

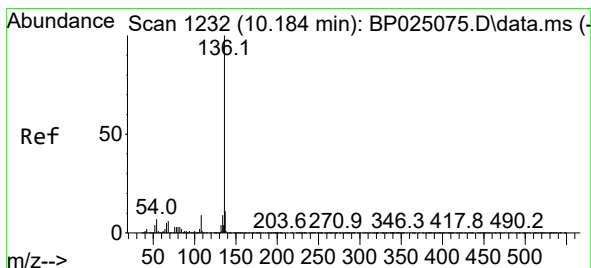
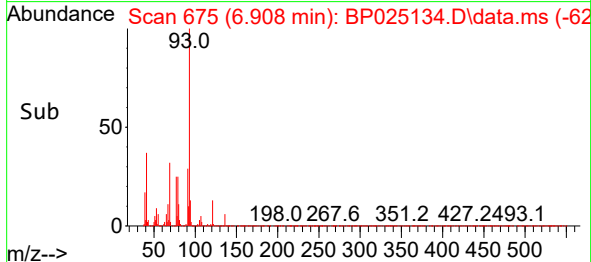
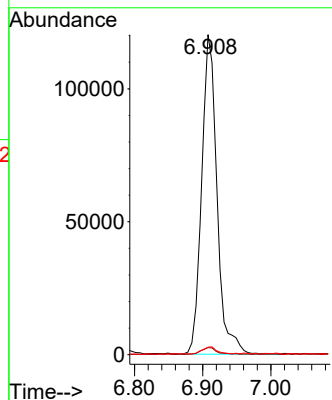
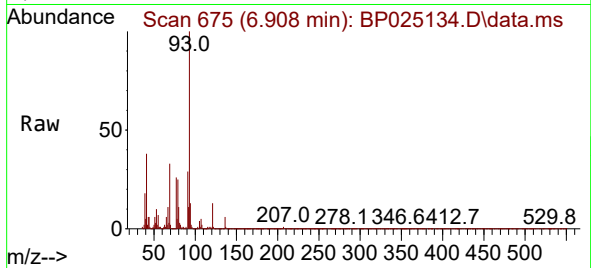




#11
bis(2-Chloroethyl)ether
Concen: 4.719 ng
RT: 6.908 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

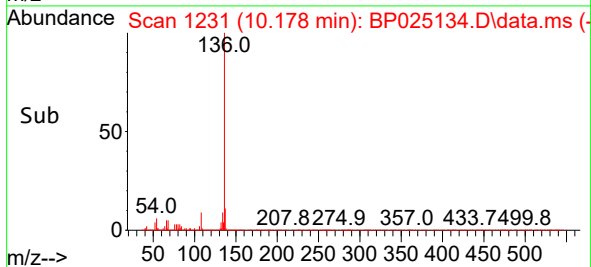
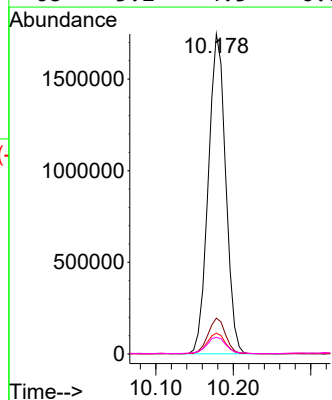
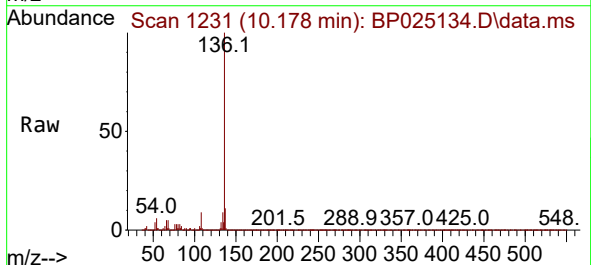
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

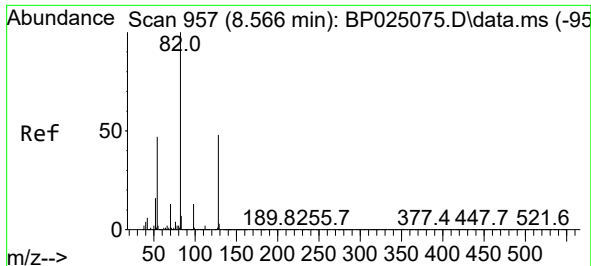
Tgt Ion: 93 Resp: 188272
Ion Ratio Lower Upper
93 100
63 2.2 51.9 91.9#
95 2.4 12.4 52.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion:136 Resp: 2712633
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.5 5.4 8.2
68 5.2 4.5 6.7

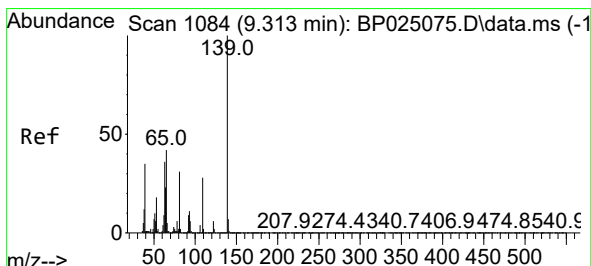
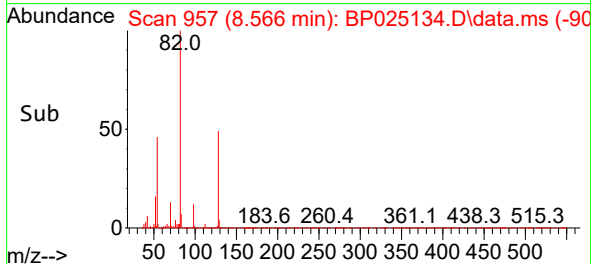
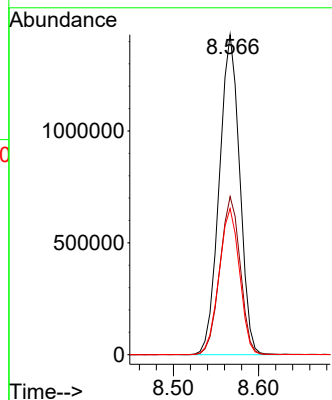
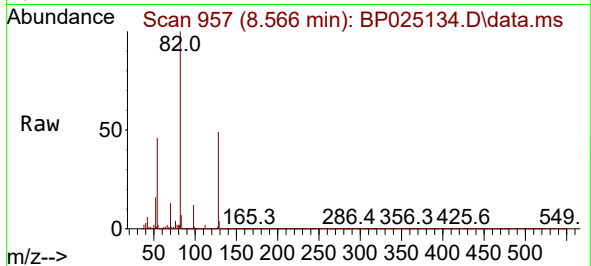




#23
Nitrobenzene-d5
Concen: 58.300 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

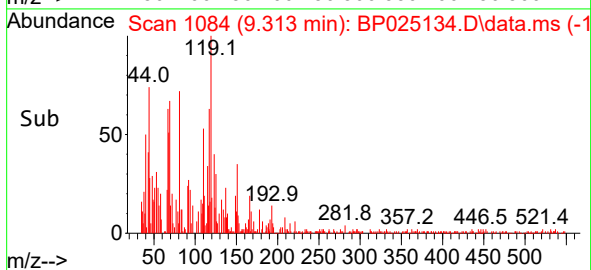
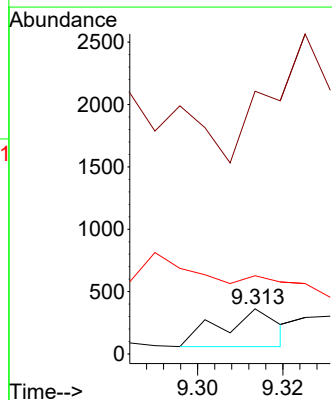
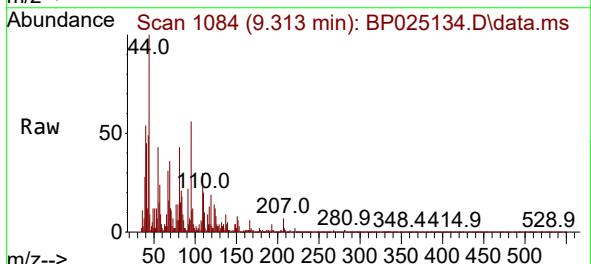
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

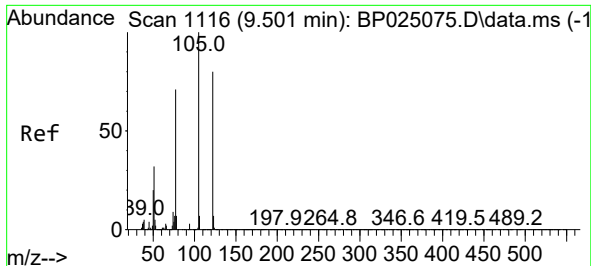
Tgt Ion: 82 Resp: 2377957
Ion Ratio Lower Upper
82 100
128 49.4 38.4 57.6
54 45.7 37.8 56.6



#26
2-Nitrophenol
Concen: 3.315 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion:139 Resp: 285
Ion Ratio Lower Upper
139 100
109 582.0 22.3 33.5#
65 173.2 33.8 50.8#

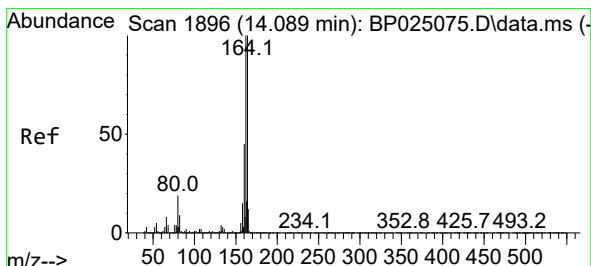
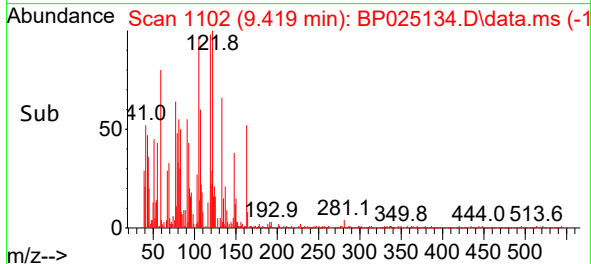
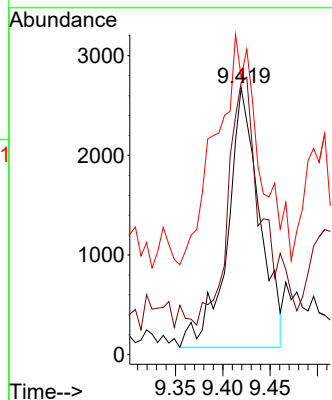
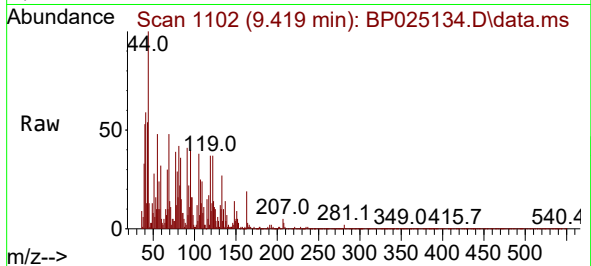




#32
Benzoic acid
Concen: 6.392 ng
RT: 9.419 min Scan# 1116
Delta R.T. -0.082 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

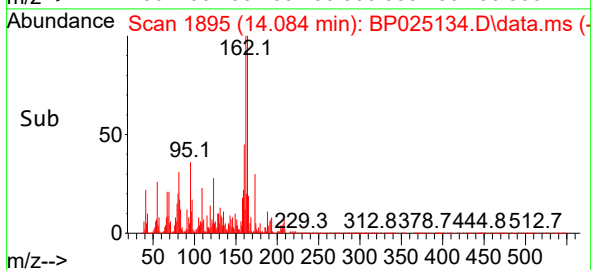
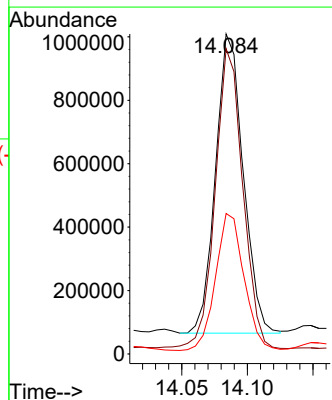
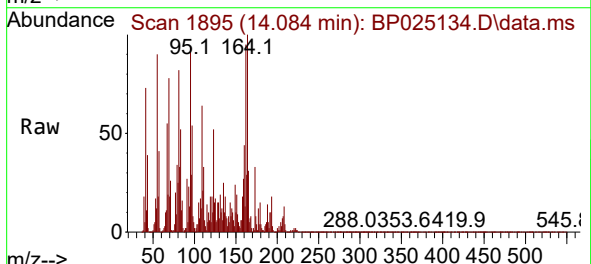
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

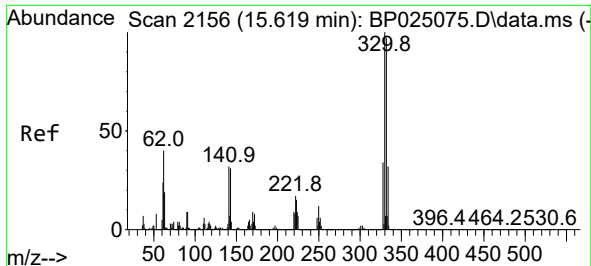
Tgt Ion:122 Resp: 6150
Ion Ratio Lower Upper
122 100
105 102.1 101.0 141.0
77 103.8 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion:164 Resp: 1381550
Ion Ratio Lower Upper
164 100
162 95.4 80.3 120.5
160 43.9 35.9 53.9

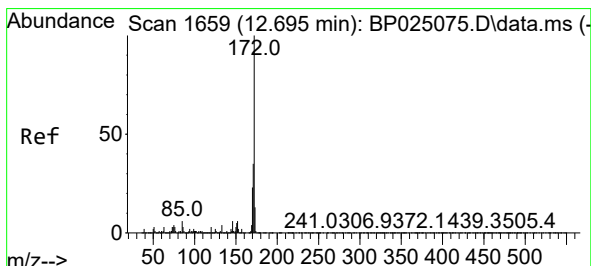
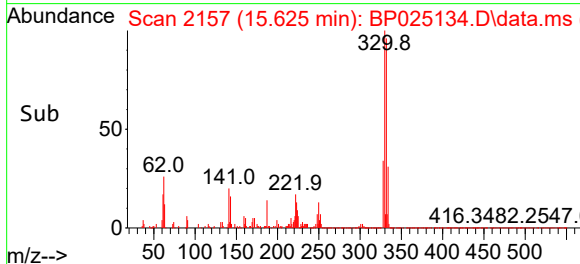
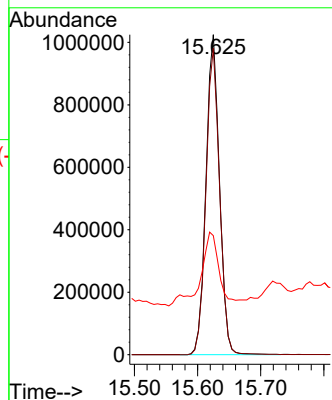
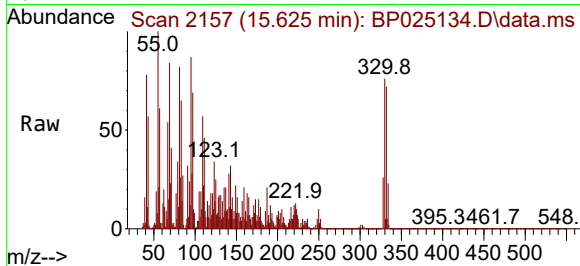




#42
2,4,6-Tribromophenol
Concen: 93.467 ng
RT: 15.625 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

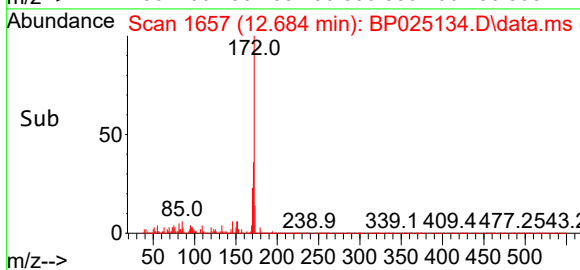
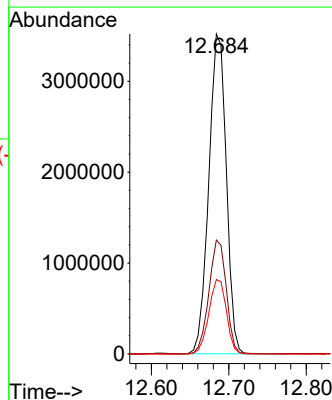
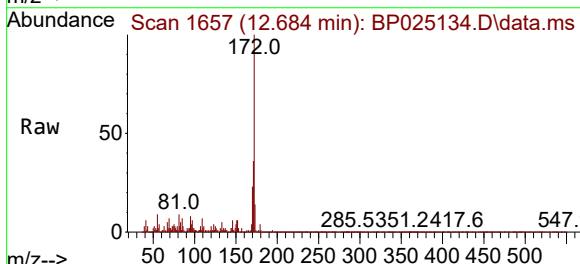
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

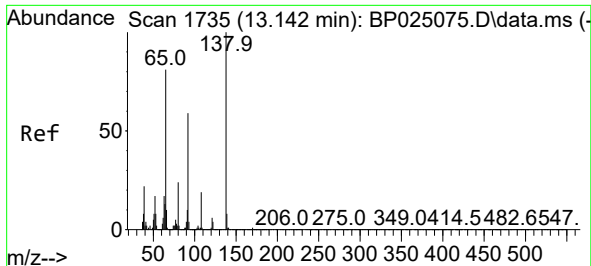
Tgt Ion: 330 Resp: 1525442
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 22.1 26.0 39.0#



#45
2-Fluorobiphenyl
Concen: 61.873 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion: 172 Resp: 5517879
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.2 18.7 28.1

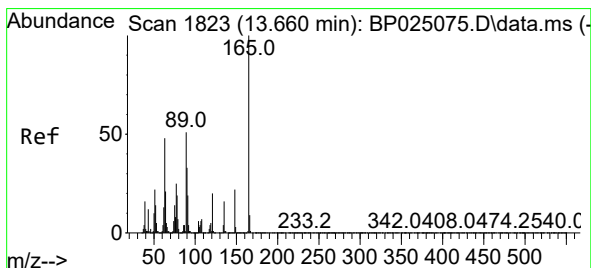
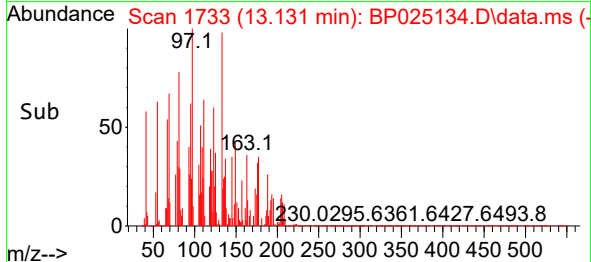
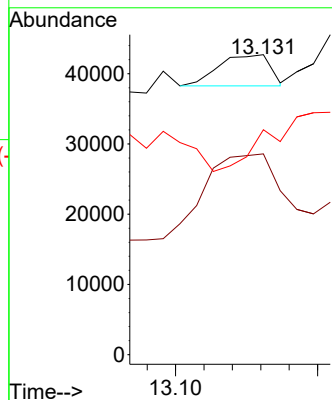
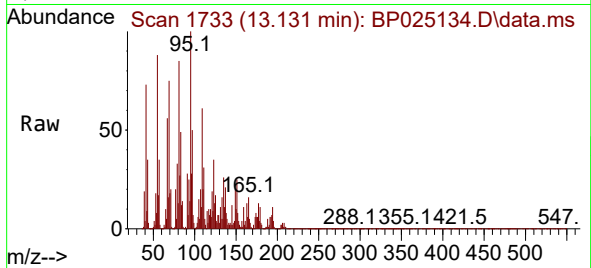




#48
2-Nitroaniline
Concen: 3.049 ng
RT: 13.131 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

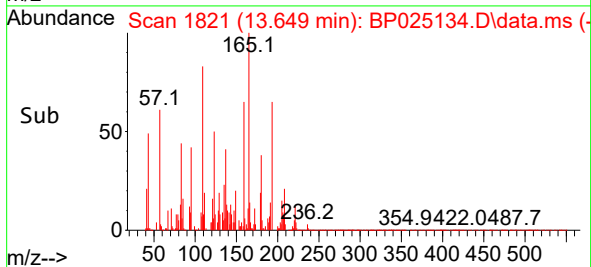
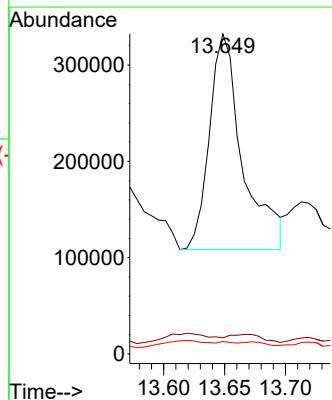
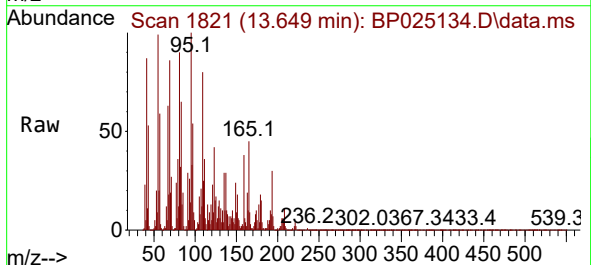
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

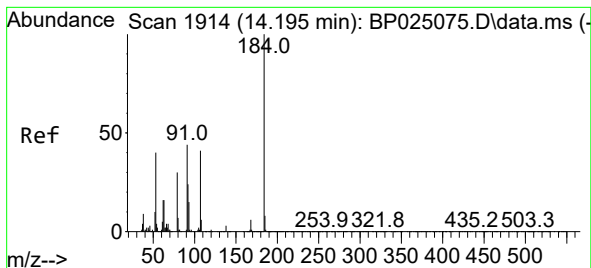
Tgt Ion: 65 Resp: 5583
Ion Ratio Lower Upper
65 100
92 66.9 58.7 88.1
138 75.0 99.0 148.4#



#51
2,6-Dinitrotoluene
Concen: 22.485 ng
RT: 13.649 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion:165 Resp: 424087
Ion Ratio Lower Upper
165 100
63 5.0 38.5 57.7#
89 4.0 40.6 61.0#

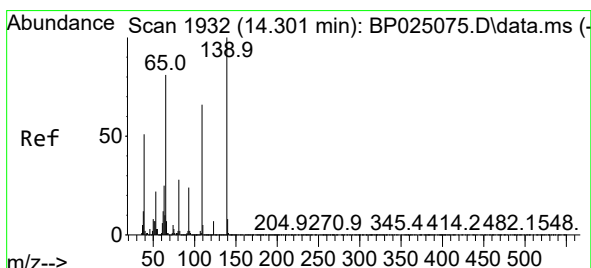
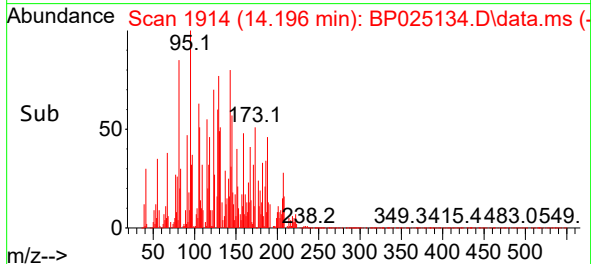
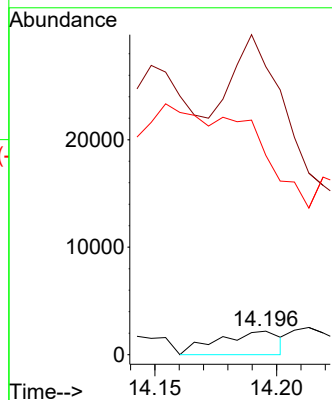
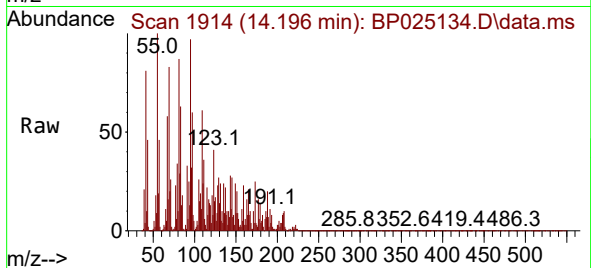




#54
2,4-Dinitrophenol
Concen: 5.777 ng
RT: 14.196 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

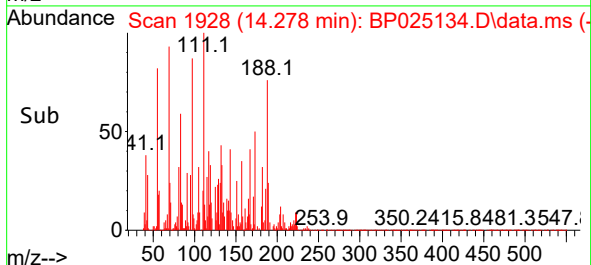
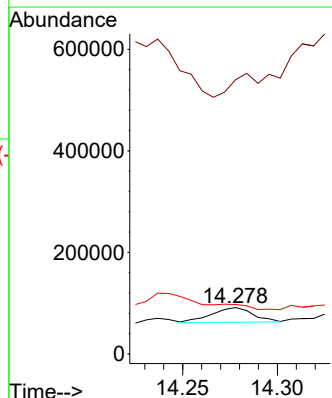
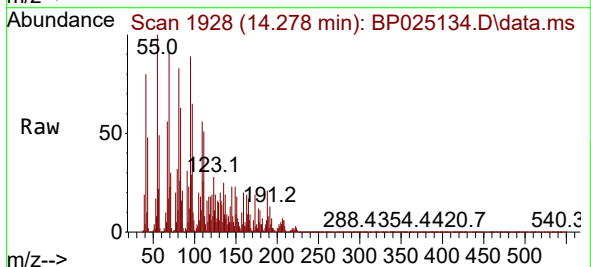
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

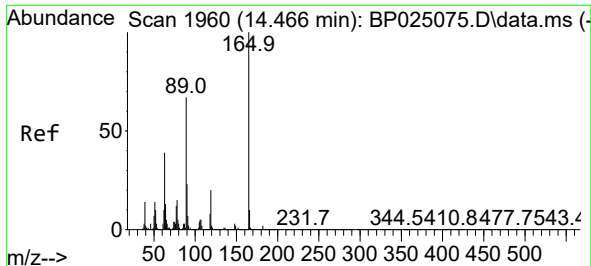
Tgt Ion:184 Resp: 3879
Ion Ratio Lower Upper
184 100
63 1227.9 47.4 71.0#
154 849.9 47.8 71.8#



#56
4-Nitrophenol
Concen: 2.358 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.023 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion:139 Resp: 43979
Ion Ratio Lower Upper
139 100
109 590.1 45.9 85.9#
65 106.5 61.4 101.4#





#57

2,4-Dinitrotoluene

Concen: 5.897 ng

RT: 14.454 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BP025134.D

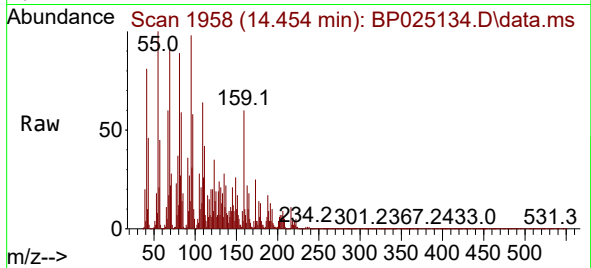
Acq: 15 Jul 2025 00:41

Instrument :

BNA_P

ClientSampleId :

ARS20-0013



Tgt Ion:165 Resp: 95487

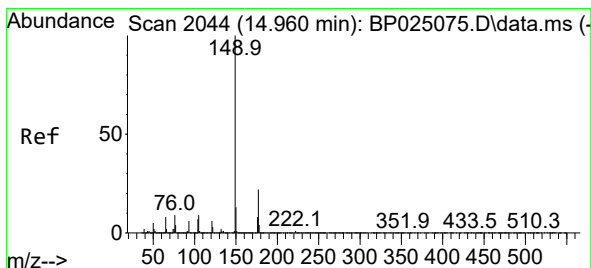
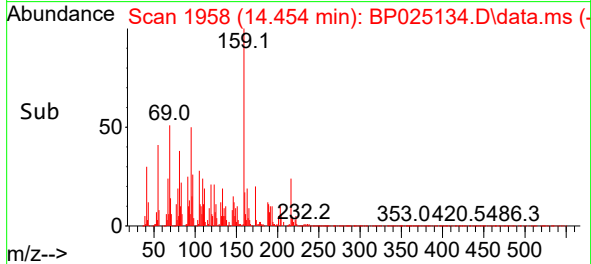
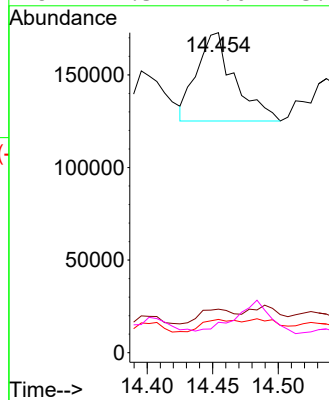
Ion Ratio Lower Upper

165 100

63 13.6 31.0 46.4#

89 10.4 53.4 80.0#

182 9.5 2.0 3.0#



#60

Diethylphthalate

Concen: 3.672 ng

RT: 14.913 min Scan# 2036

Delta R.T. -0.047 min

Lab File: BP025134.D

Acq: 15 Jul 2025 00:41

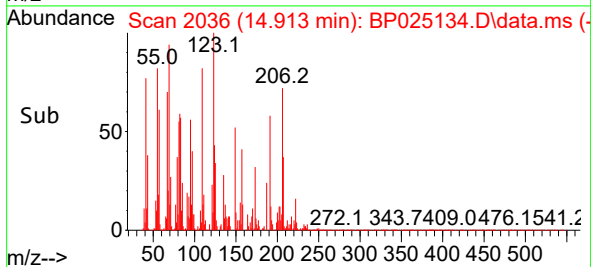
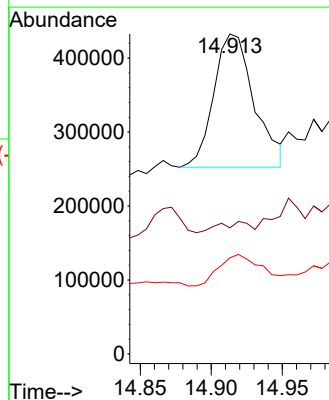
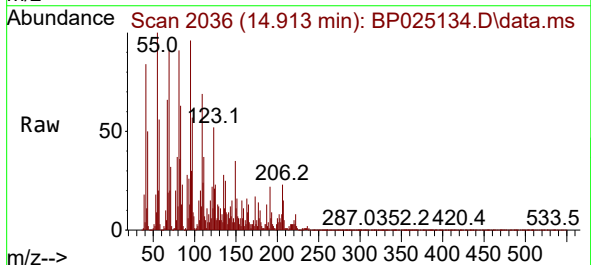
Tgt Ion:149 Resp: 356643

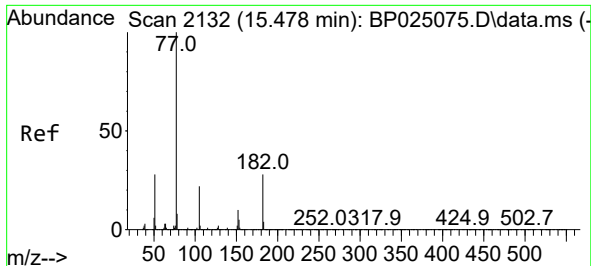
Ion Ratio Lower Upper

149 100

177 39.4 17.8 26.8#

150 30.0 10.2 15.2#

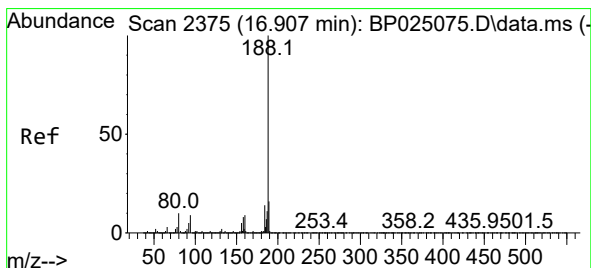
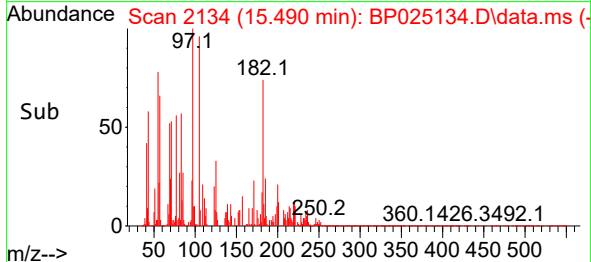
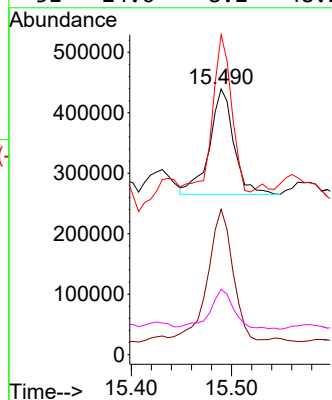
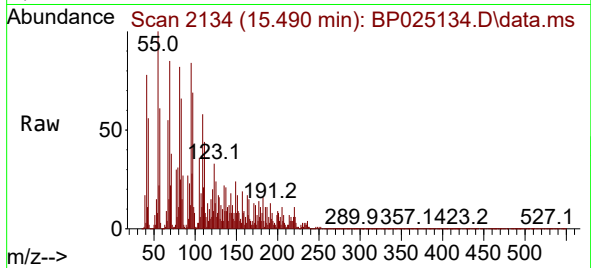




#63
Azobenzene
Concen: 3.373 ng
RT: 15.490 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

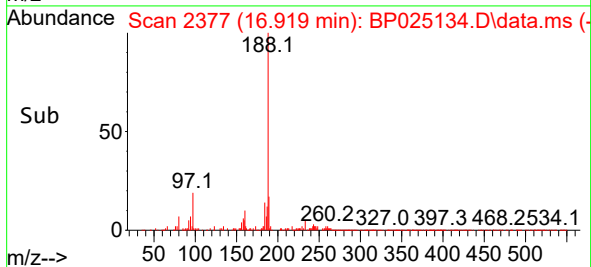
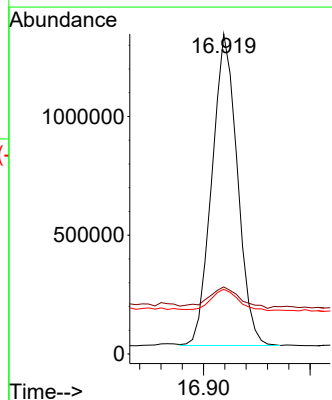
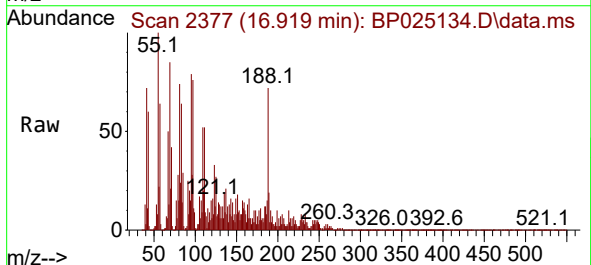
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

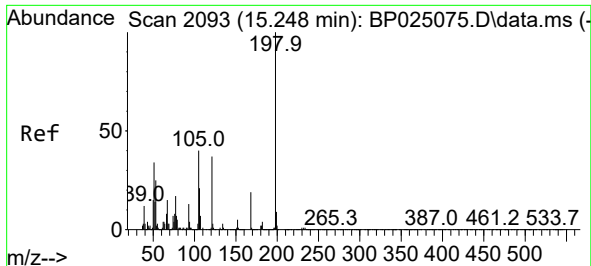
Tgt Ion: 77 Resp: 291750
Ion Ratio Lower Upper
77 100
182 54.7 7.7 47.7#
105 120.4 1.9 41.9#
51 24.6 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion:188 Resp: 2177723
Ion Ratio Lower Upper
188 100
94 21.0 7.3 10.9#
80 20.2 7.8 11.6#

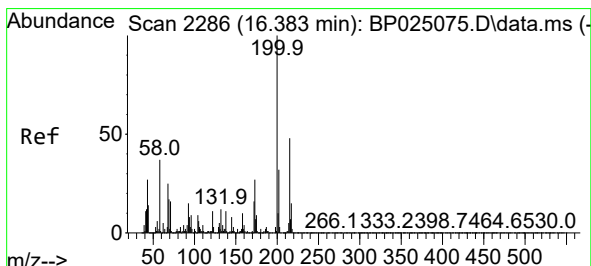
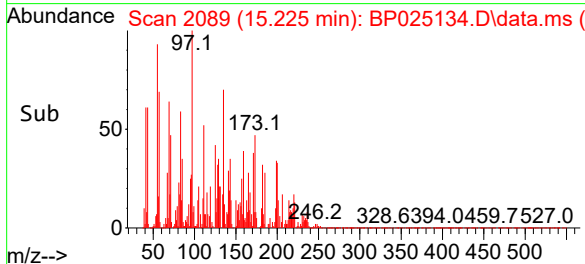
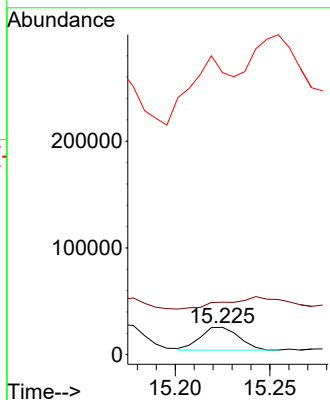
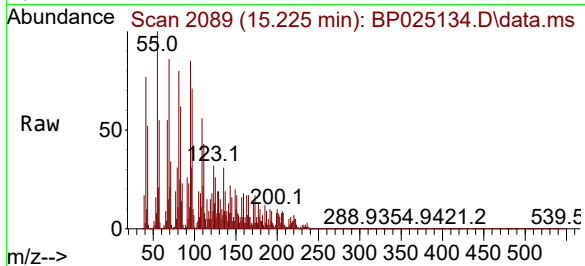




#65
4,6-Dinitro-2-methylphenol
Concen: 8.276 ng
RT: 15.225 min Scan# 2093
Delta R.T. -0.023 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

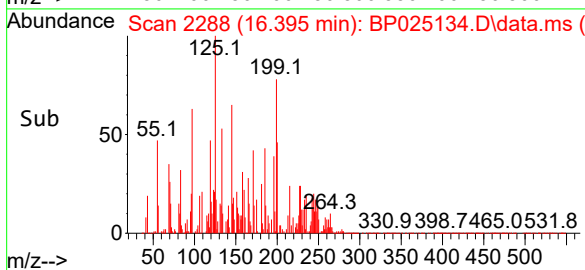
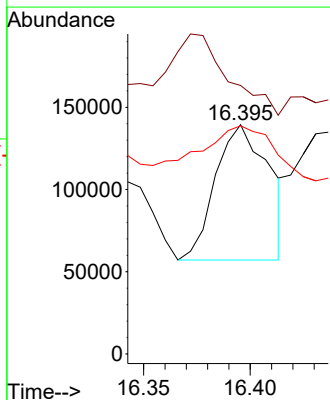
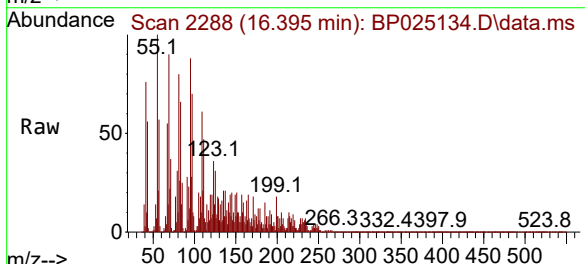
Instrument :
BNA_P
ClientSampleId :
ARS20-0013

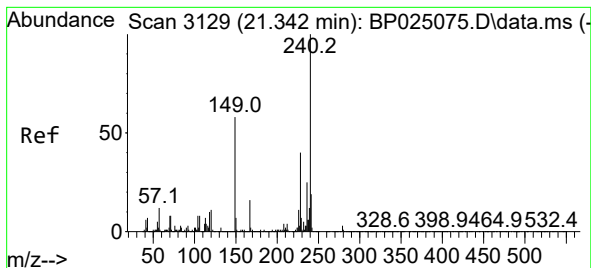
Tgt Ion:198 Resp: 30240
Ion Ratio Lower Upper
198 100
51 191.9 16.8 56.8#
105 1032.8 20.8 60.8#



#69
Atrazine
Concen: 7.865 ng
RT: 16.395 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BP025134.D
Acq: 15 Jul 2025 00:41

Tgt Ion:200 Resp: 143629
Ion Ratio Lower Upper
200 100
173 117.1 6.6 46.6#
215 99.5 28.0 68.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.354 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025134.D

Acq: 15 Jul 2025 00:41

Instrument :

BNA_P

ClientSampleId :

ARS20-0013

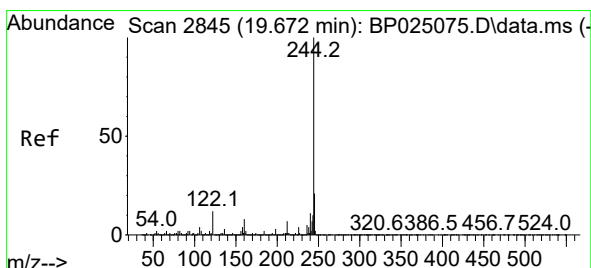
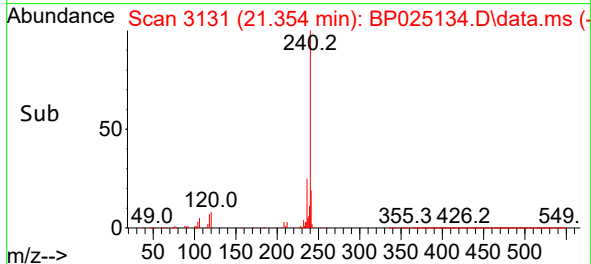
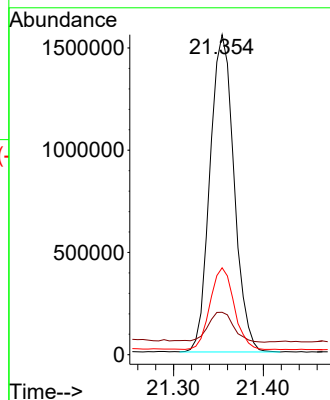
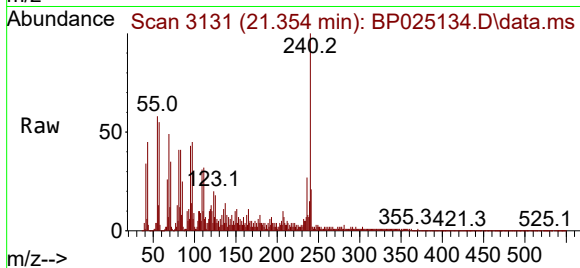
Tgt Ion:240 Resp: 2890922

Ion Ratio Lower Upper

240 100

120 13.2 9.0 13.4

236 27.2 20.3 30.5



#79

Terphenyl-d14

Concen: 47.836 ng

RT: 19.695 min Scan# 2849

Delta R.T. 0.024 min

Lab File: BP025134.D

Acq: 15 Jul 2025 00:41

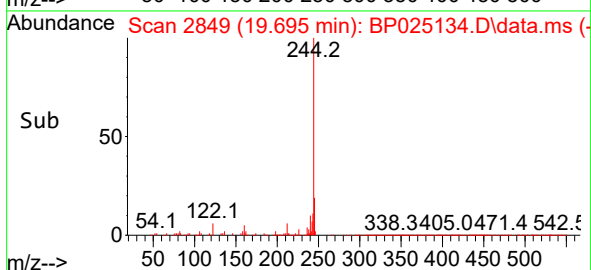
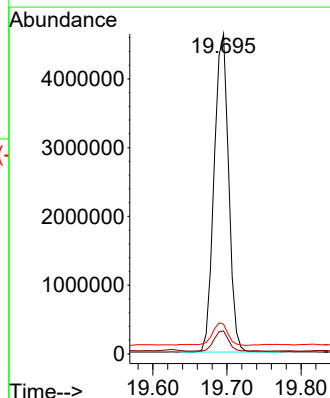
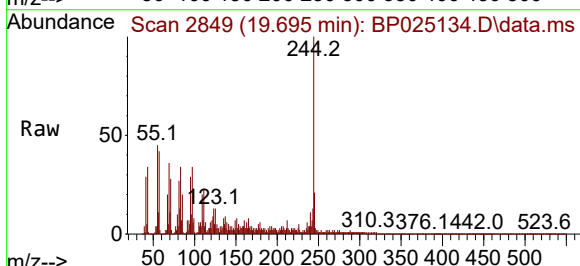
Tgt Ion:244 Resp: 6292197

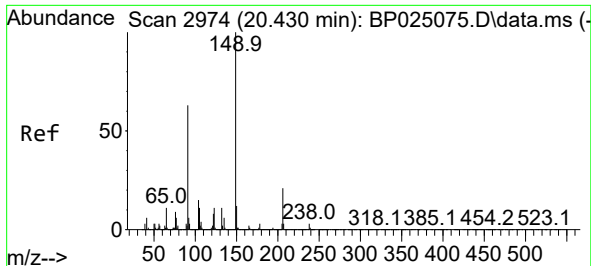
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.3 9.4 14.2#

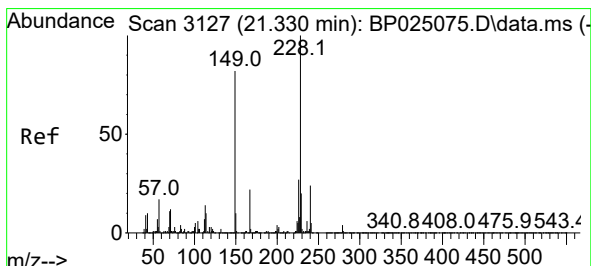
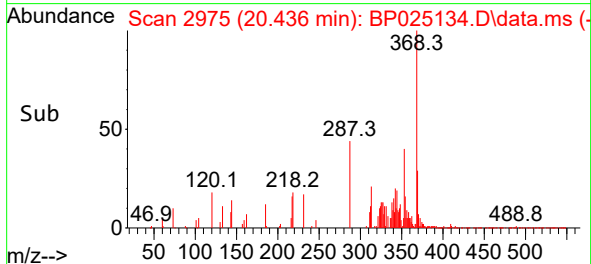
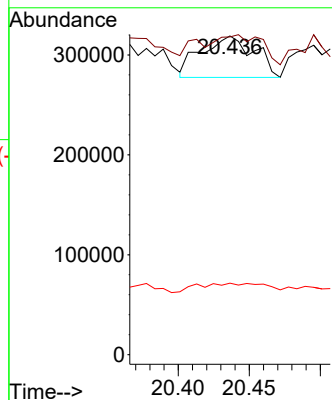
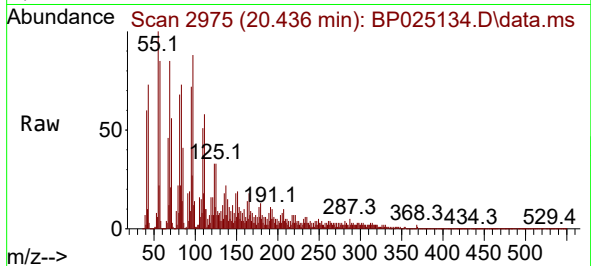




#80
 Butylbenzylphthalate
 Concen: 5.108 ng
 RT: 20.436 min Scan# 2974
 Delta R.T. 0.006 min
 Lab File: BP025134.D
 Acq: 15 Jul 2025 00:41

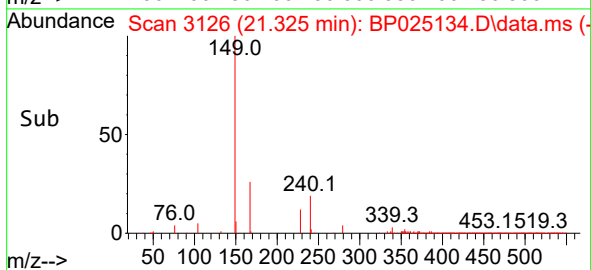
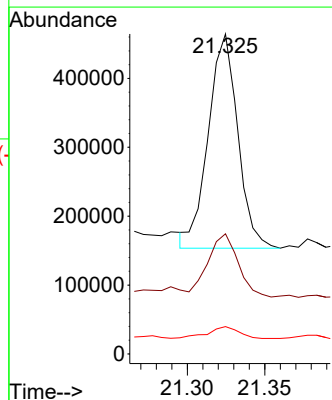
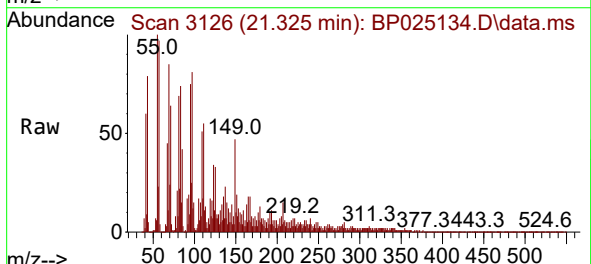
Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0013

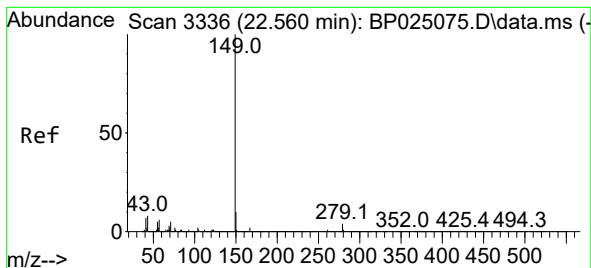
Tgt Ion:149 Resp: 106586
 Ion Ratio Lower Upper
 149 100
 91 99.7 50.6 76.0#
 206 22.5 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.367 ng
 RT: 21.325 min Scan# 3126
 Delta R.T. -0.006 min
 Lab File: BP025134.D
 Acq: 15 Jul 2025 00:41

Tgt Ion:149 Resp: 410414
 Ion Ratio Lower Upper
 149 100
 167 37.6 21.9 32.9#
 279 8.5 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 6.858 ng

RT: 22.583 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP025134.D

Acq: 15 Jul 2025 00:41

Instrument :

BNA_P

ClientSampleId :

ARS20-0013

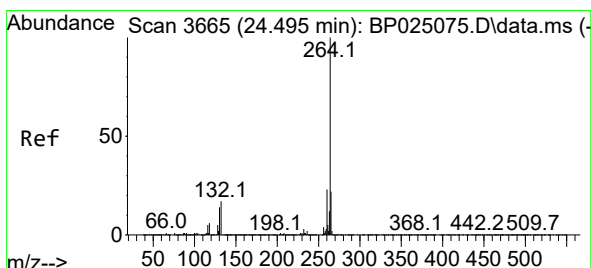
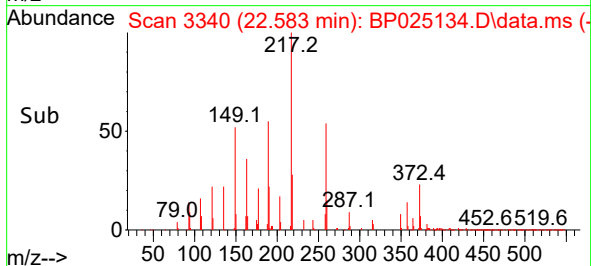
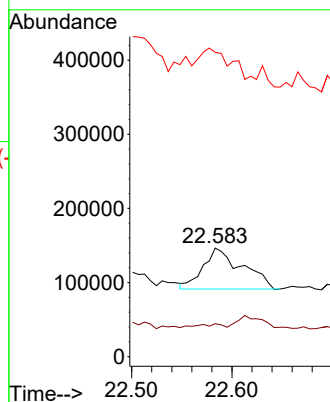
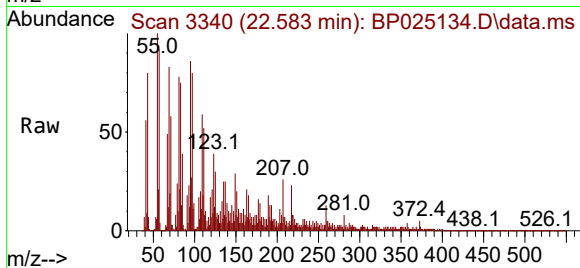
Tgt Ion:149 Resp: 149955

Ion Ratio Lower Upper

149 100

167 3.3 1.3 1.9#

43 52.6 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.483 min Scan# 3663

Delta R.T. -0.012 min

Lab File: BP025134.D

Acq: 15 Jul 2025 00:41

Tgt Ion:264 Resp: 3456594

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.0 17.7 26.5

