

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025156.D
 Acq On : 16 Jul 2025 13:23
 Operator : CG/JU
 Sample : PB168832BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168832BL

Quant Time: Jul 16 14:40:25 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)

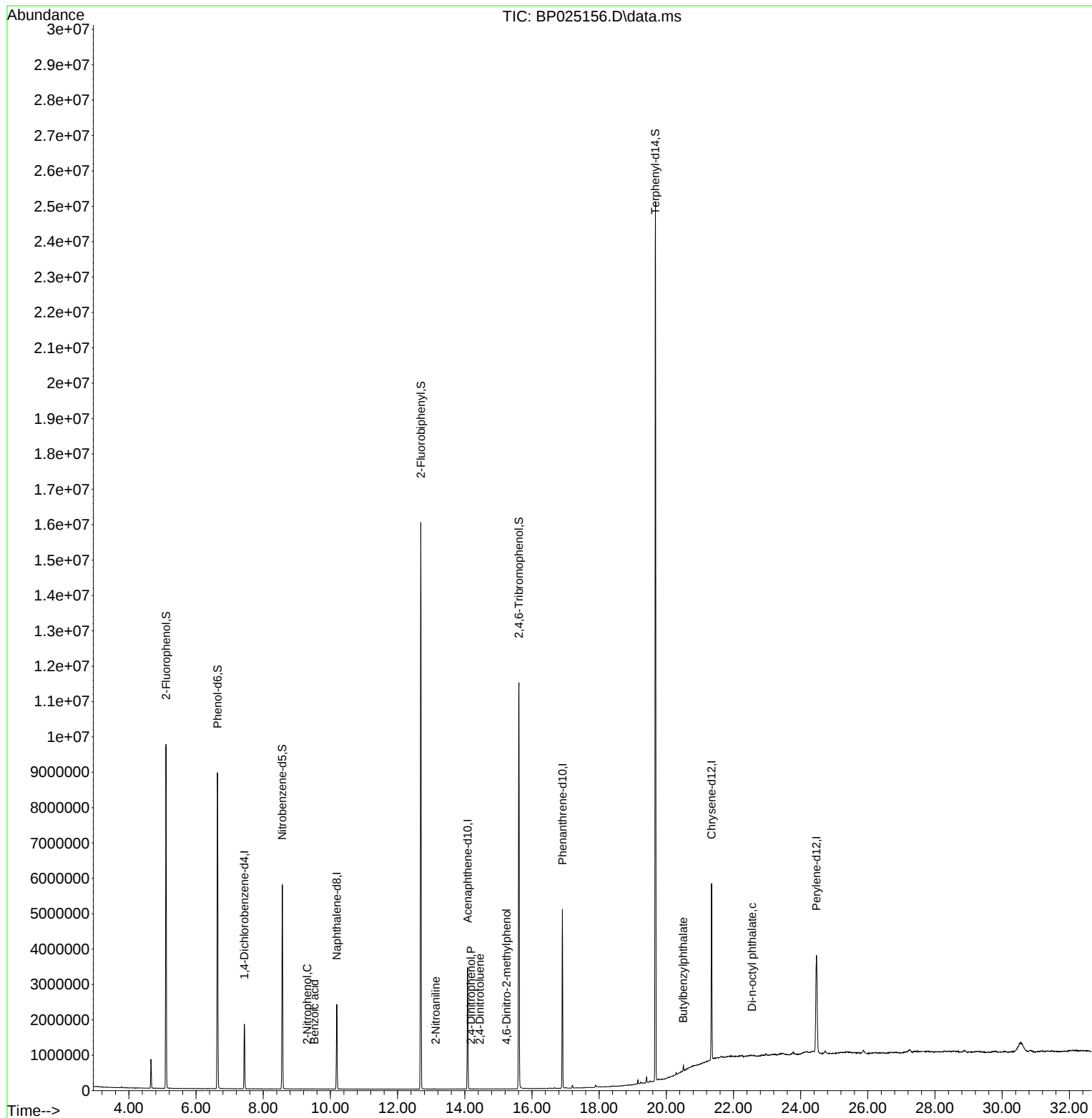
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	528091	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2035651	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1282870	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2612562	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2822317	20.000	ng	0.00
86) Perylene-d12	24.471	264	3135905	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4432658	148.725	ng	0.01
7) Phenol-d6	6.637	99	5325886	136.932	ng	0.00
23) Nitrobenzene-d5	8.566	82	3229495	105.508	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2718161	179.358	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	8179552	98.775	ng	0.00
79) Terphenyl-d14	19.672	244	12996119	101.203	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.313	139	196	3.314	ng	# 25
32) Benzoic acid	9.525	122	285	6.215	ng	# 34
48) 2-Nitroaniline	13.137	65	168	2.774	ng	# 38
54) 2,4-Dinitrophenol	14.184	184	20	5.387	ng	# 1
57) 2,4-Dinitrotoluene	14.448	165	516	2.656	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.242	198	33	5.581	ng	# 1
80) Butylbenzylphthalate	20.501	149	653	3.691	ng	99
85) Di-n-octyl phthalate	22.554	149	656	6.102	ng	# 33

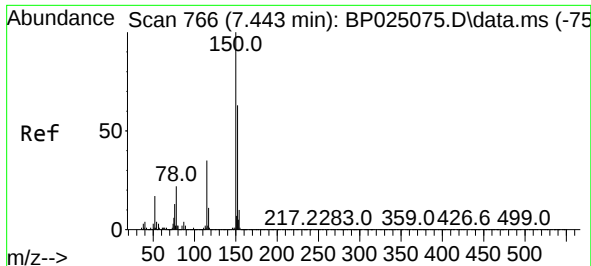
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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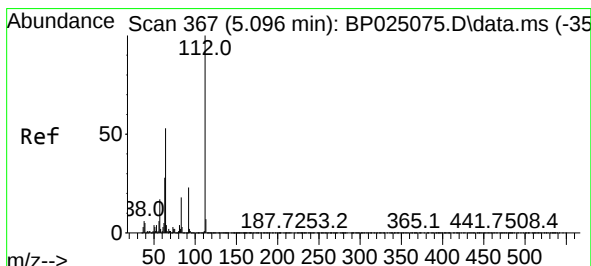
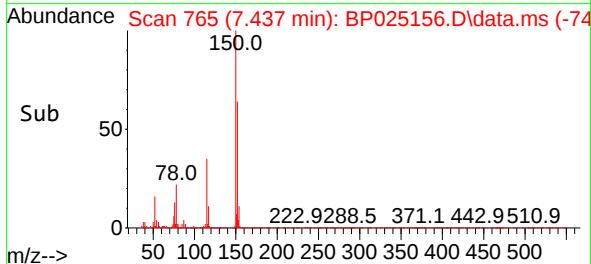
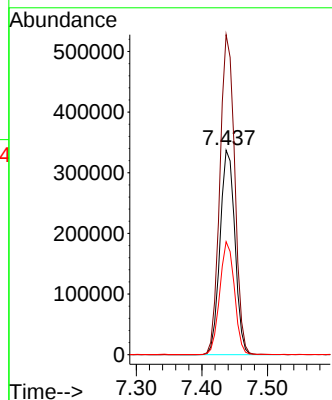
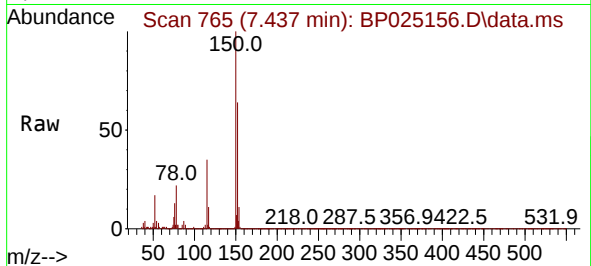




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

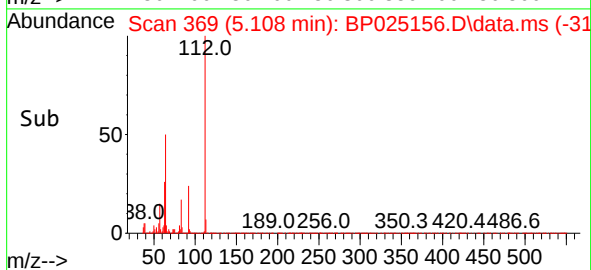
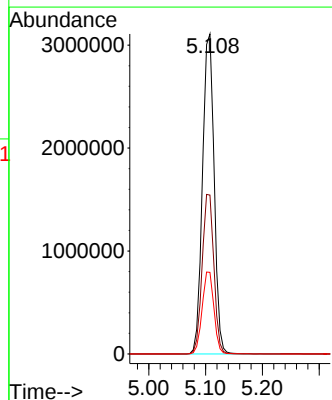
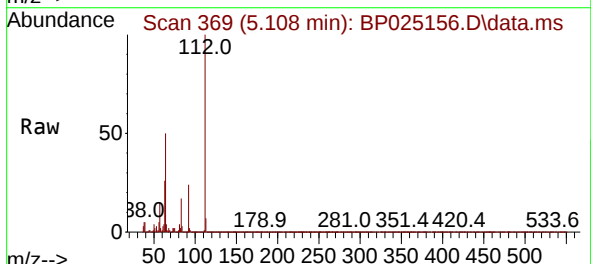
Instrument :
BNA_P
ClientSampleId :
PB168832BL

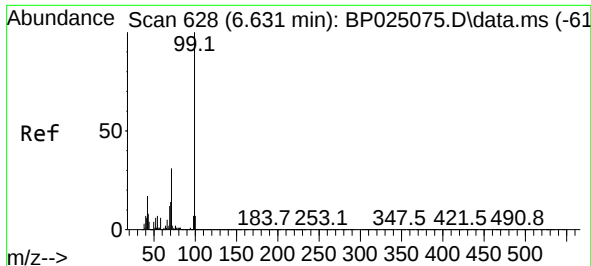
Tgt Ion:152 Resp: 528091
Ion Ratio Lower Upper
152 100
150 156.5 126.1 189.1
115 55.2 44.3 66.5



#5
2-Fluorophenol
Concen: 148.725 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion:112 Resp: 4432658
Ion Ratio Lower Upper
112 100
64 49.6 42.0 63.0
63 25.5 22.2 33.2

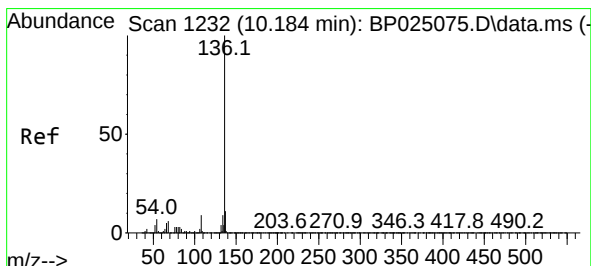
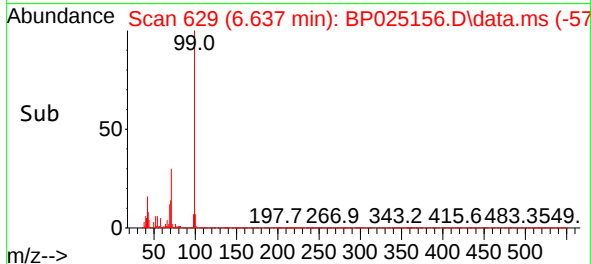
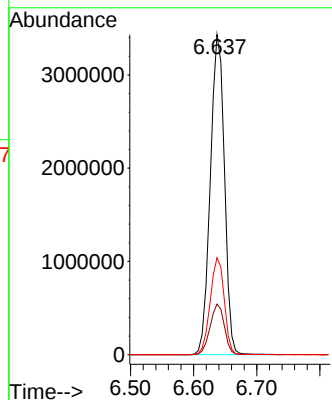
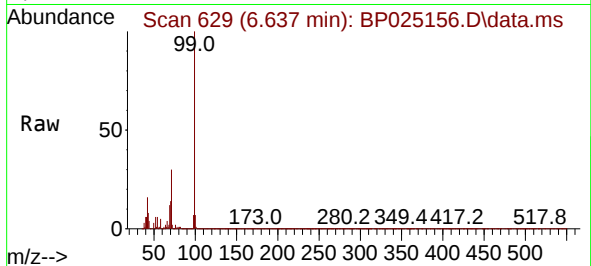




#7
Phenol-d6
Concen: 136.932 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

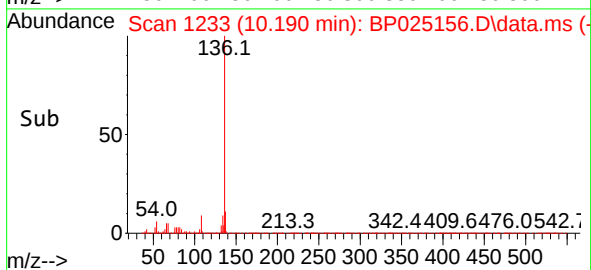
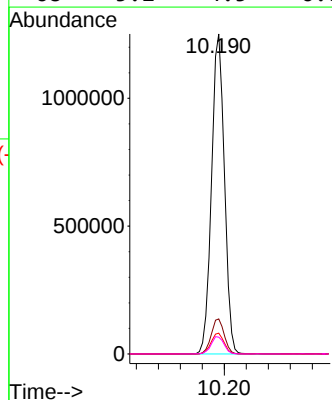
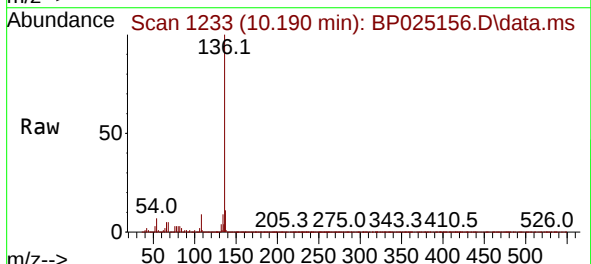
Instrument :
BNA_P
ClientSampleId :
PB168832BL

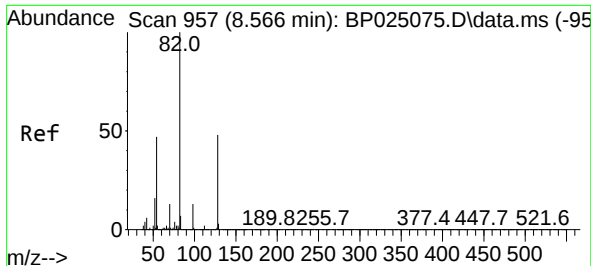
Tgt Ion: 99 Resp: 5325886
Ion Ratio Lower Upper
99 100
42 15.8 13.6 20.4
71 30.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion:136 Resp: 2035651
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.5 5.4 8.2
68 5.2 4.5 6.7

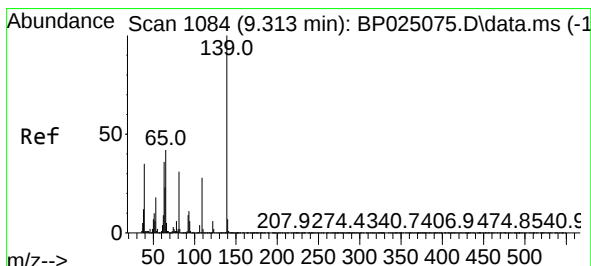
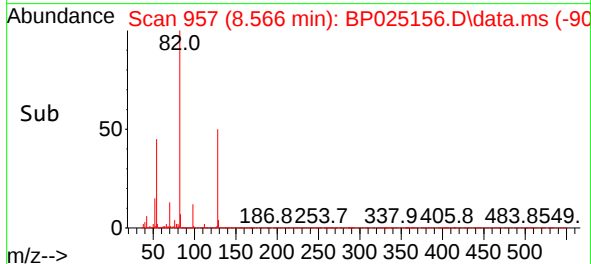
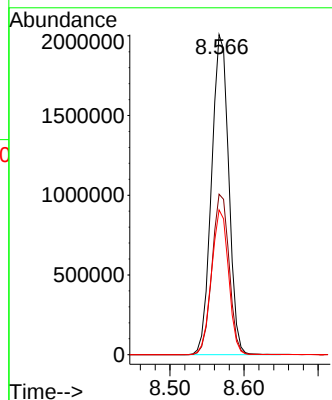
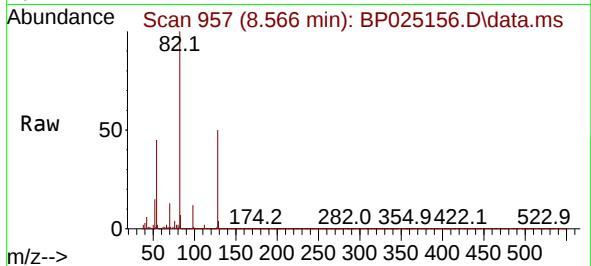




#23
Nitrobenzene-d5
Concen: 105.508 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

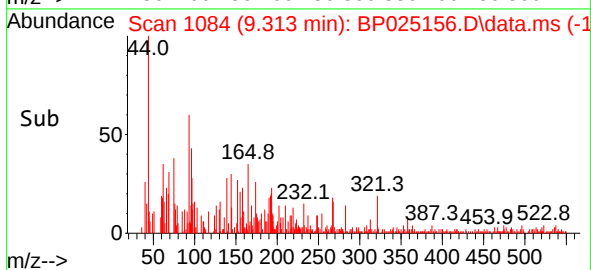
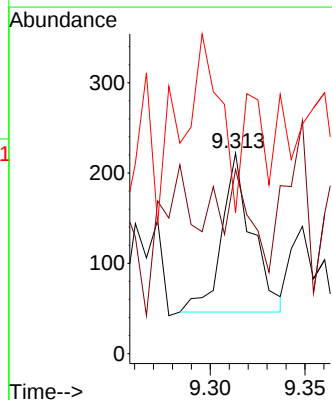
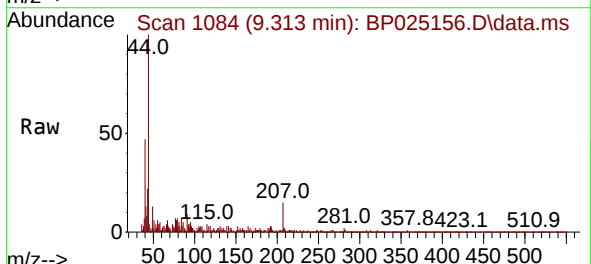
Instrument :
BNA_P
ClientSampleId :
PB168832BL

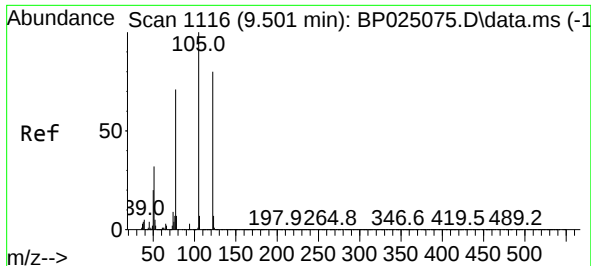
Tgt Ion: 82 Resp: 3229495
Ion Ratio Lower Upper
82 100
128 50.1 38.4 57.6
54 45.2 37.8 56.6



#26
2-Nitrophenol
Concen: 3.314 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion:139 Resp: 196
Ion Ratio Lower Upper
139 100
109 91.9 22.3 33.5#
65 70.3 33.8 50.8#

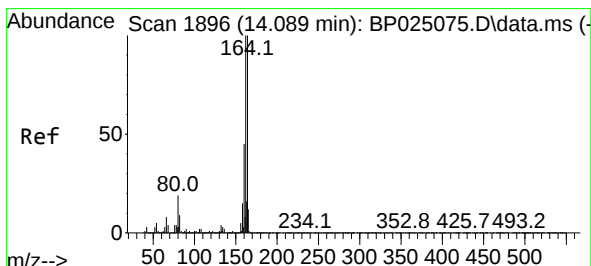
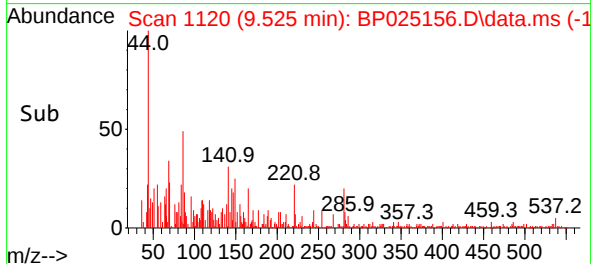
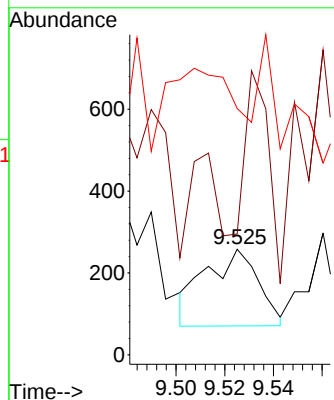
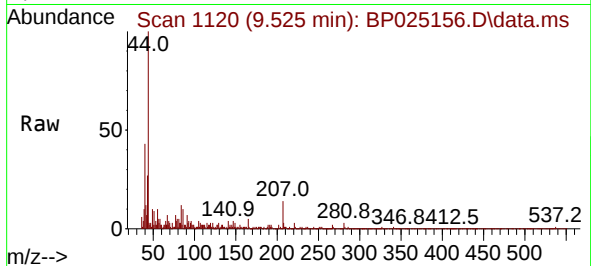




#32
Benzoic acid
Concen: 6.215 ng
RT: 9.525 min Scan# 1116
Delta R.T. 0.024 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

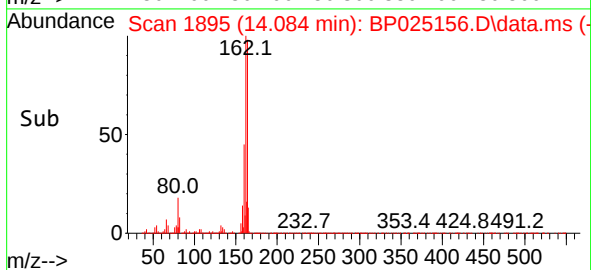
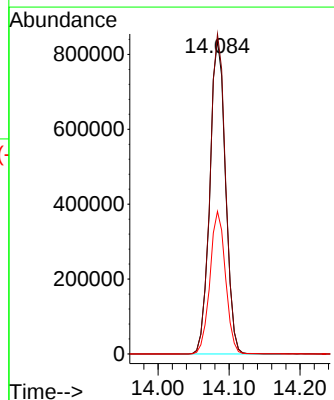
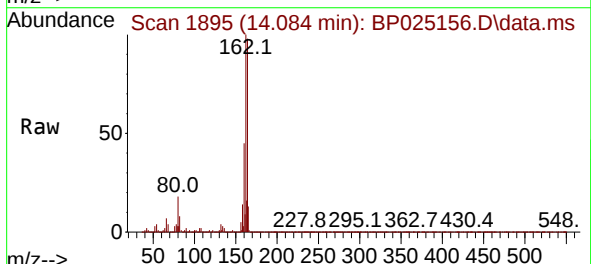
Instrument :
BNA_P
ClientSampleId :
PB168832BL

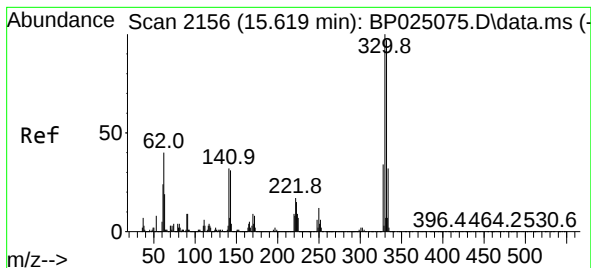
Tgt Ion:122 Resp: 285
Ion Ratio Lower Upper
122 100
105 106.9 101.0 141.0
77 218.1 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion:164 Resp: 1282870
Ion Ratio Lower Upper
164 100
162 102.1 80.3 120.5
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 179.358 ng

RT: 15.613 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

Instrument :

BNA_P

ClientSampleId :

PB168832BL

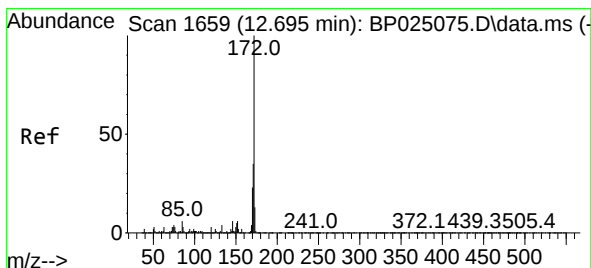
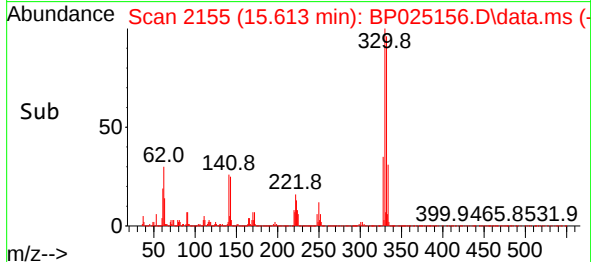
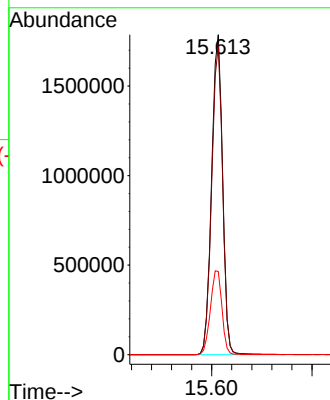
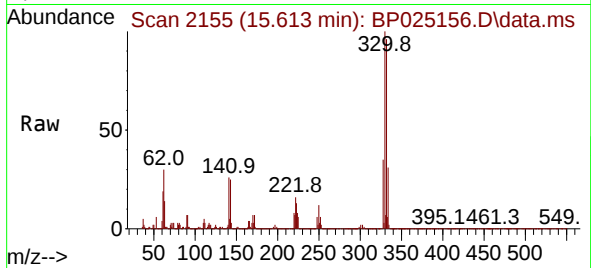
Tgt Ion:330 Resp: 2718161

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 27.6 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 98.775 ng

RT: 12.690 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

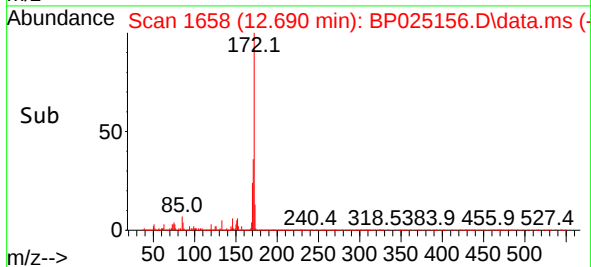
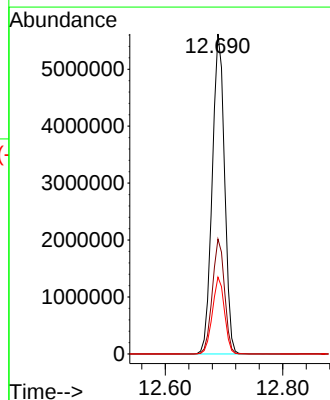
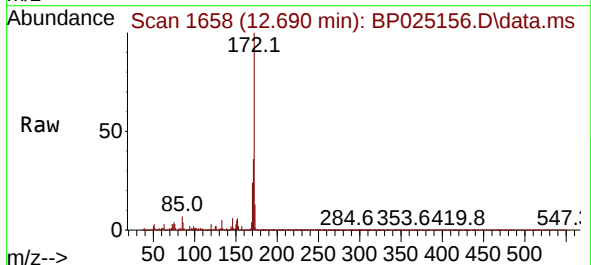
Tgt Ion:172 Resp: 8179552

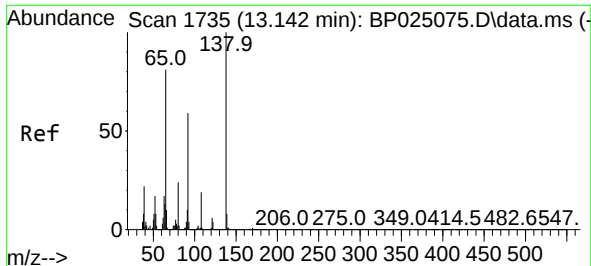
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 24.0 18.7 28.1

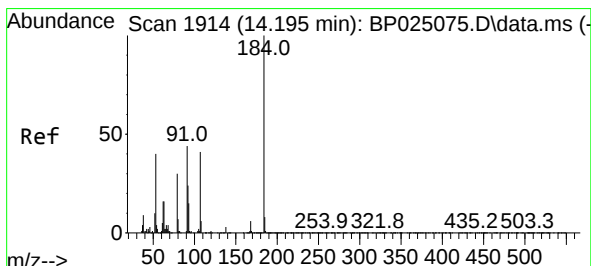
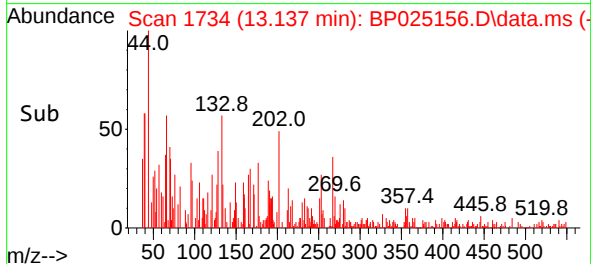
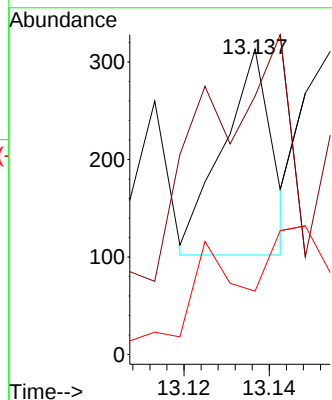
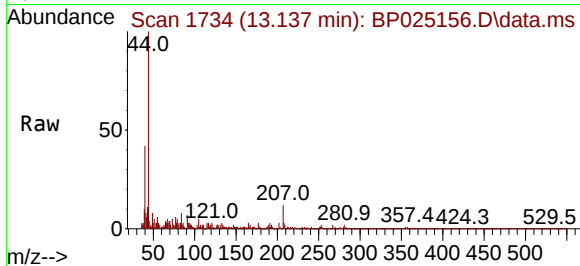




#48
2-Nitroaniline
Concen: 2.774 ng
RT: 13.137 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

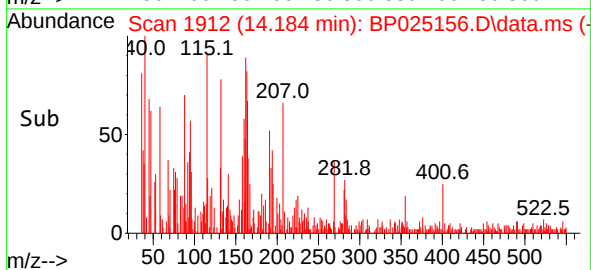
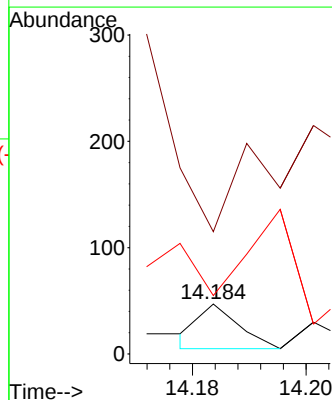
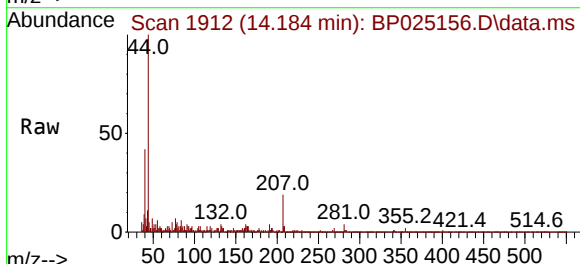
Instrument :
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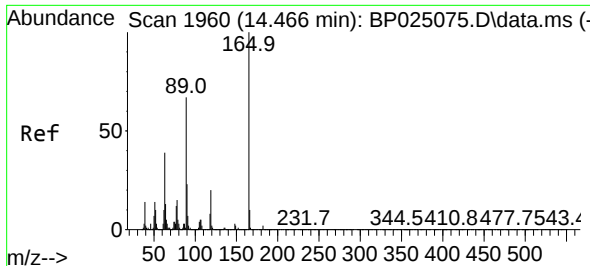
Tgt Ion: 65 Resp: 168
Ion Ratio Lower Upper
65 100
92 84.7 58.7 88.1
138 20.8 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.387 ng
RT: 14.184 min Scan# 1912
Delta R.T. -0.011 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion: 184 Resp: 20
Ion Ratio Lower Upper
184 100
63 244.7 47.4 71.0#
154 117.0 47.8 71.8#

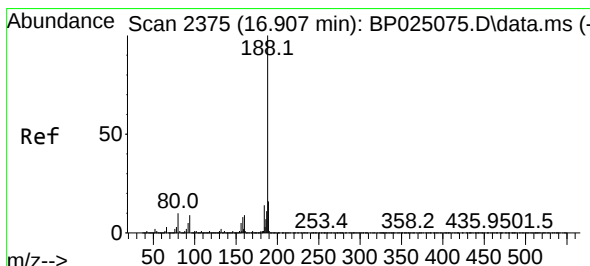
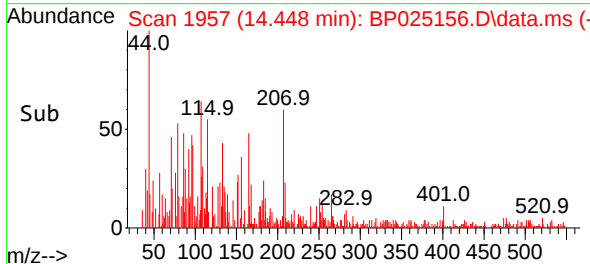
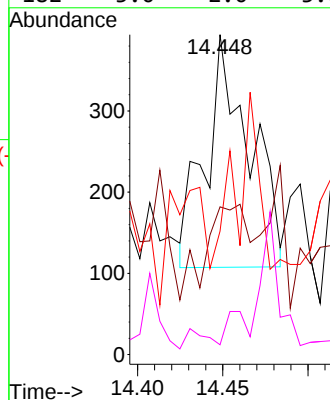
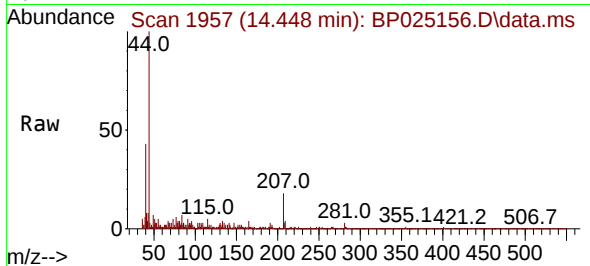




#57
2,4-Dinitrotoluene
Concen: 2.656 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

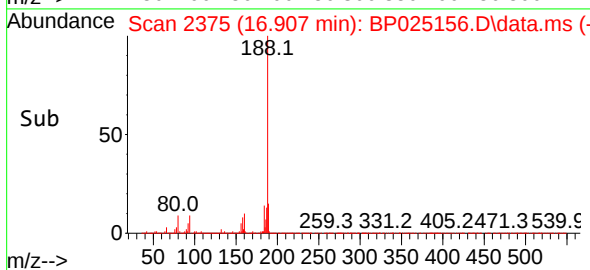
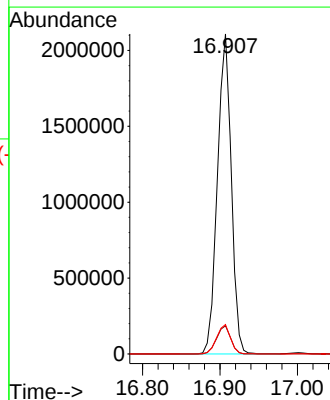
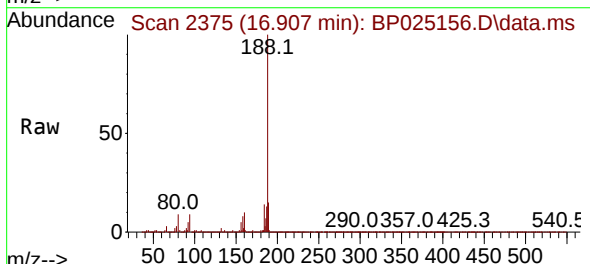
Instrument :
BNA_P
ClientSampleId :
PB168832BL

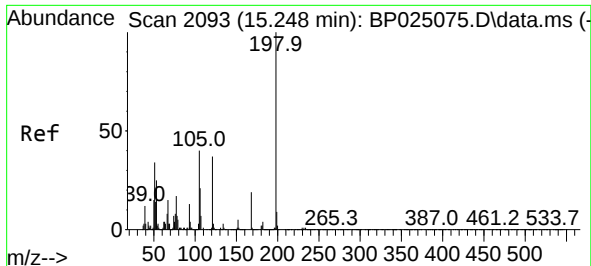
Tgt Ion:165	Resp:	516
Ion Ratio	Lower	Upper
165	100	
63	46.2	31.0 46.4
89	38.6	53.4 80.0#
182	3.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion:188	Resp:	2612562
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.3 10.9
80	9.2	7.8 11.6

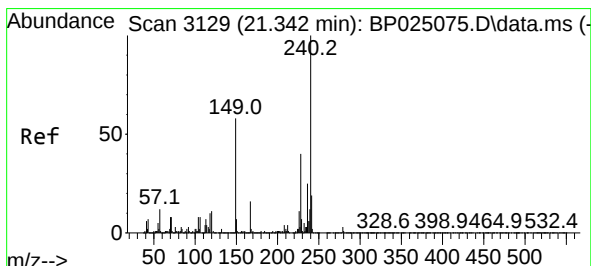
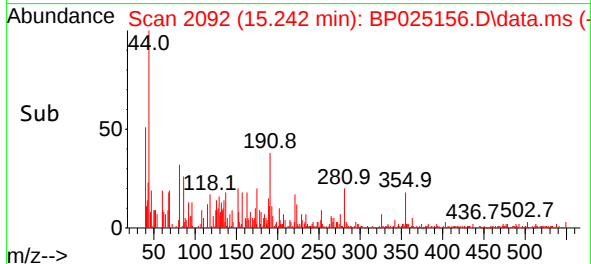
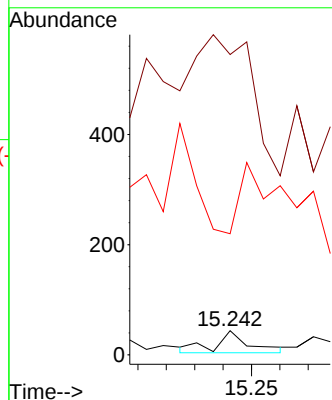
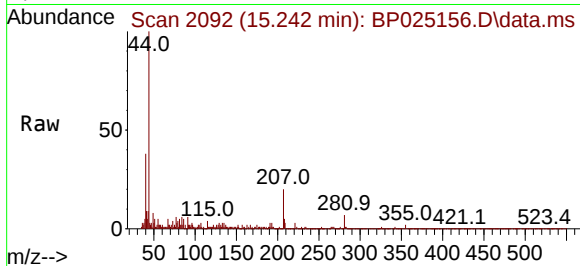




#65
4,6-Dinitro-2-methylphenol
Concen: 5.581 ng
RT: 15.242 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

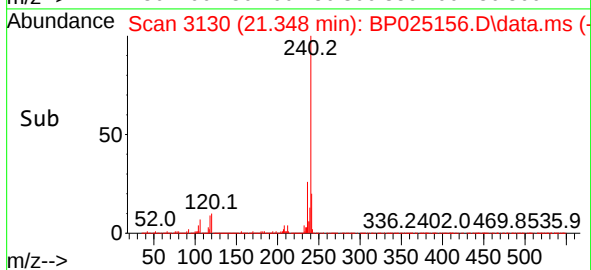
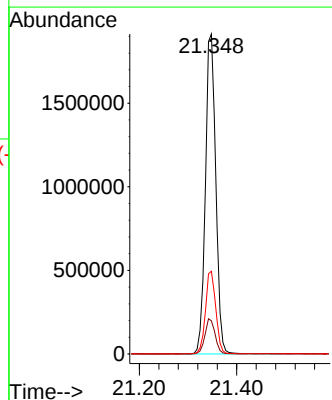
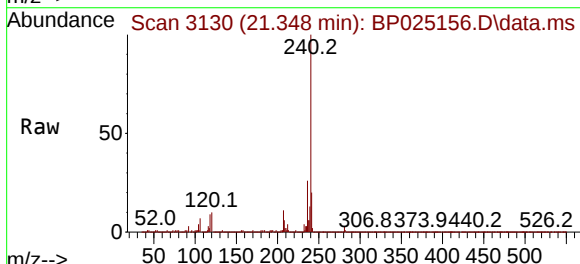
Instrument :
BNA_P
ClientSampleId :
PB168832BL

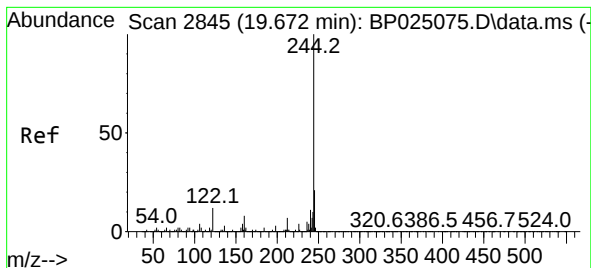
Tgt Ion:198 Resp: 33
Ion Ratio Lower Upper
198 100
51 1238.6 16.8 56.8#
105 500.0 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion:240 Resp: 2822317
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 101.203 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

Instrument :

BNA_P

ClientSampleId :

PB168832BL

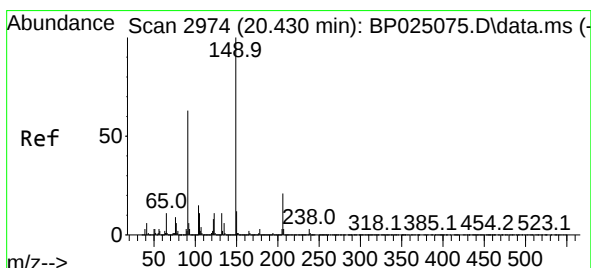
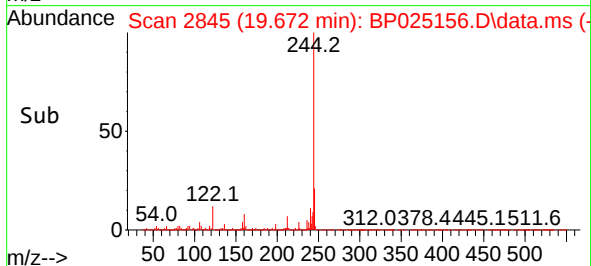
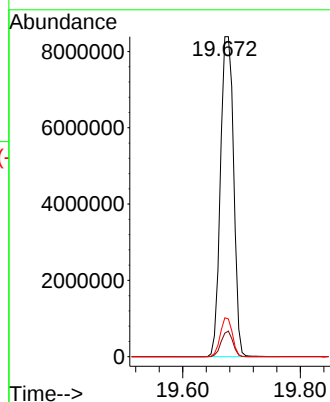
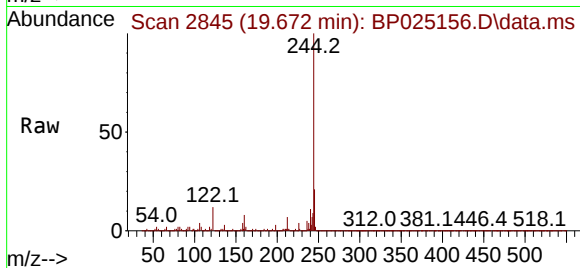
Tgt Ion:244 Resp:12996119

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 12.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.691 ng

RT: 20.501 min Scan# 2986

Delta R.T. 0.071 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

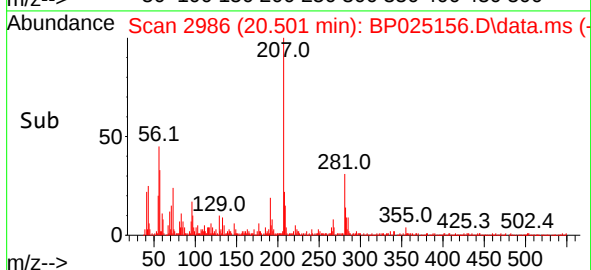
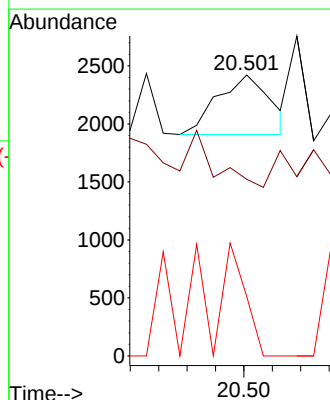
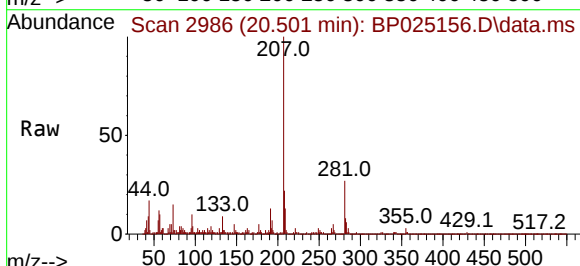
Tgt Ion:149 Resp: 653

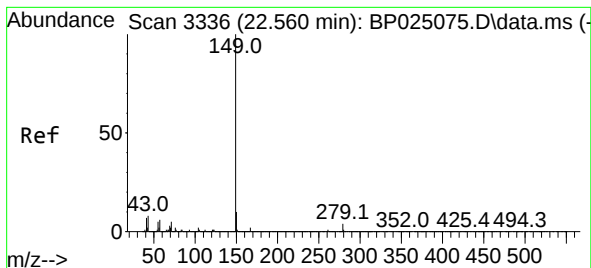
Ion Ratio Lower Upper

149 100

91 62.8 50.6 76.0

206 21.1 17.2 25.8





#85

Di-n-octyl phthalate

Concen: 6.102 ng

RT: 22.554 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

Instrument :

BNA_P

ClientSampleId :

PB168832BL

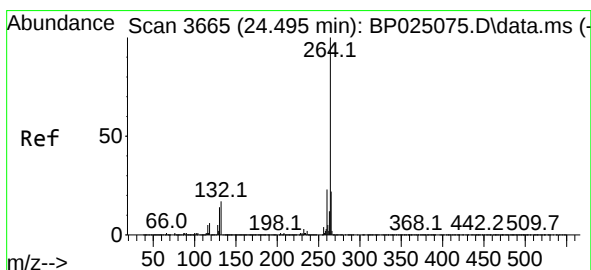
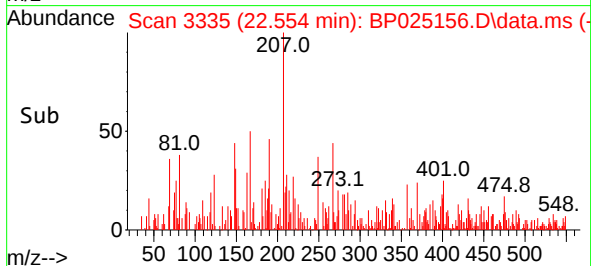
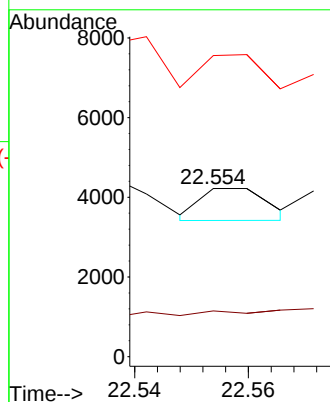
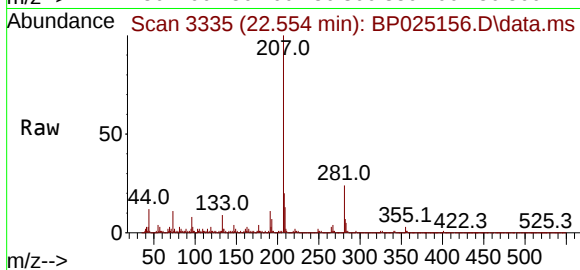
Tgt Ion:149 Resp: 656

Ion Ratio Lower Upper

149 100

167 113.4 1.3 1.9#

43 0.0 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3661

Delta R.T. -0.023 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

Tgt Ion:264 Resp: 3135905

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.0 17.7 26.5

