

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
 Data File : BP025751.D
 Acq On : 15 Sep 2025 13:52
 Operator : CG/JU
 Sample : PB169528BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169528BL

Quant Time: Sep 15 14:21:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

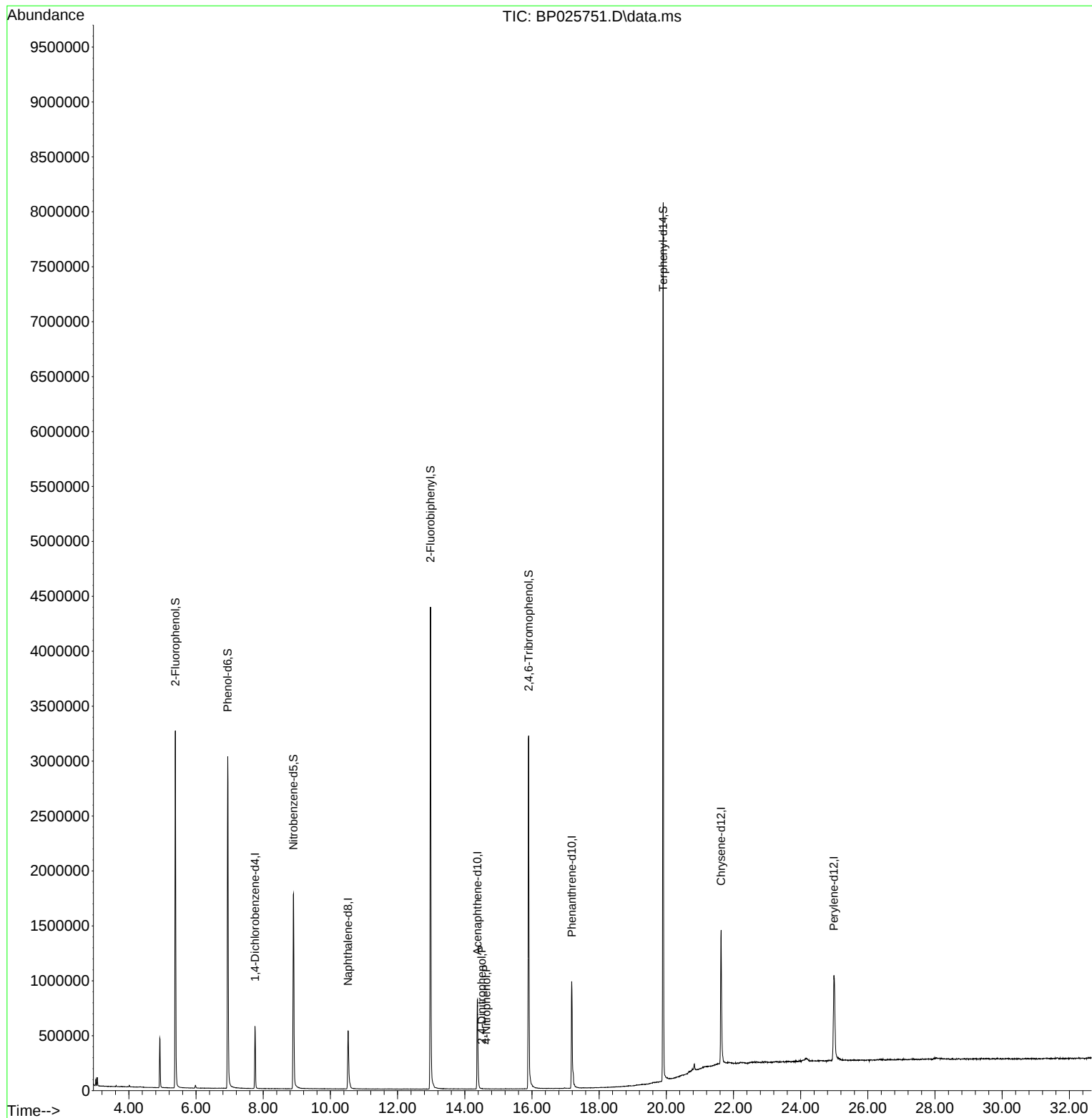
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	152745	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	595554	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	387797	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	805666	20.000	ng	0.00
76) Chrysene-d12	21.630	240	920928	20.000	ng	-0.01
86) Perylene-d12	24.989	264	977097	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1402145	148.118	ng	0.00
7) Phenol-d6	6.943	99	1786755	142.002	ng	0.00
23) Nitrobenzene-d5	8.896	82	1183882	87.687	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	668740	138.255	ng	0.00
45) 2-Fluorobiphenyl	12.978	172	2566596	88.124	ng	-0.01
79) Terphenyl-d14	19.907	244	4303224	84.061	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.507	184	7	4.826	ng	# 1
56) 4-Nitrophenol	14.637	139	8	4.484	ng	# 1

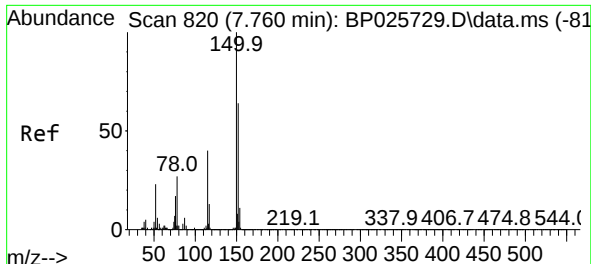
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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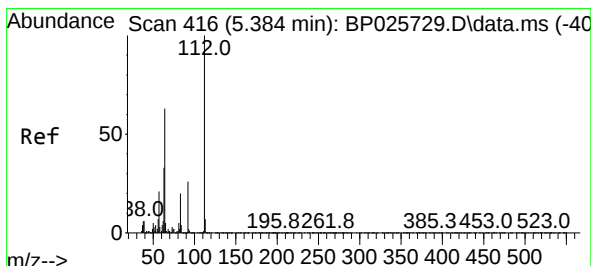
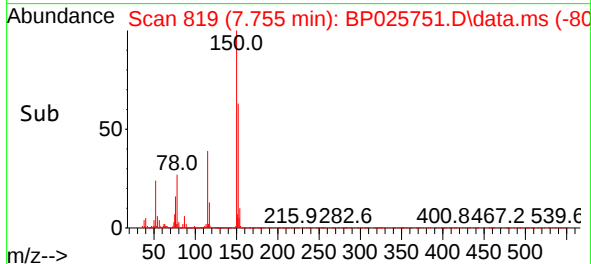
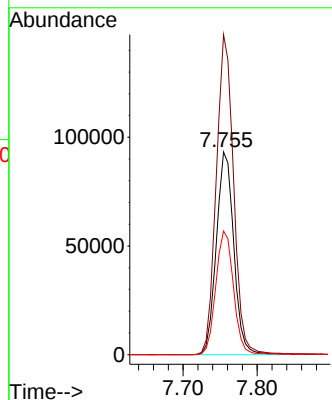
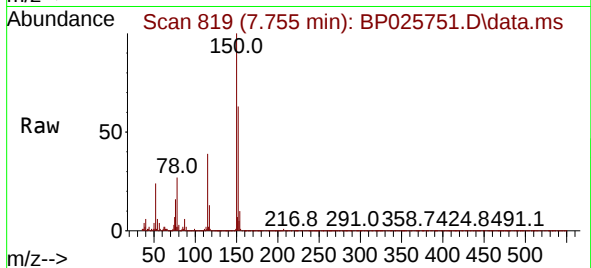




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP025751.D
Acq: 15 Sep 2025 13:52

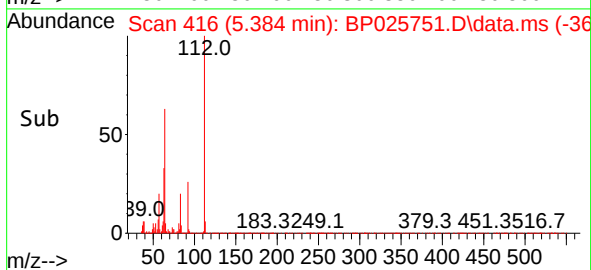
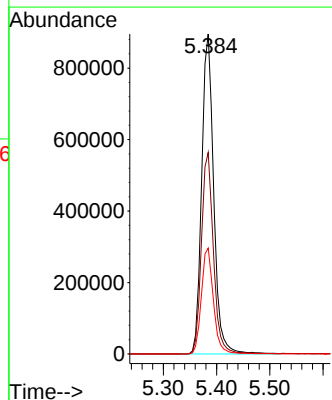
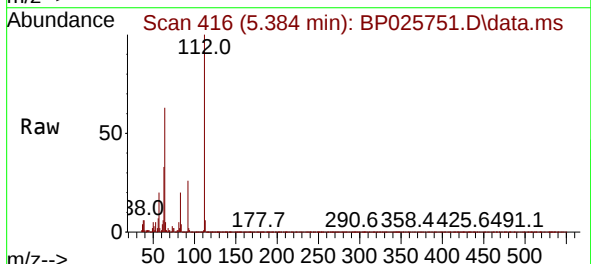
Instrument :
BNA_P
ClientSampleId :
PB169528BL

Tgt Ion:152 Resp: 152745
Ion Ratio Lower Upper
152 100
150 157.9 124.3 186.5
115 61.1 50.3 75.5



#5
2-Fluorophenol
Concen: 148.118 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025751.D
Acq: 15 Sep 2025 13:52

Tgt Ion:112 Resp: 1402145
Ion Ratio Lower Upper
112 100
64 62.9 50.2 75.4
63 33.1 26.7 40.1

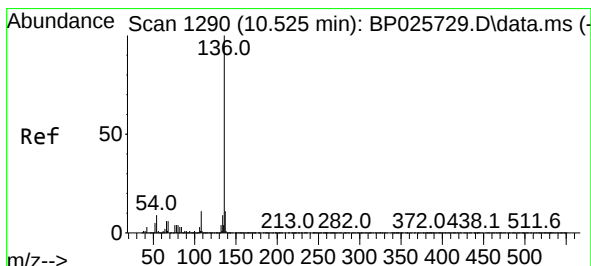
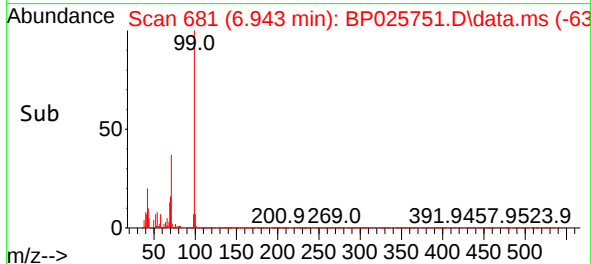
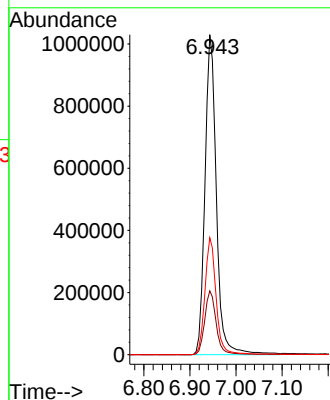
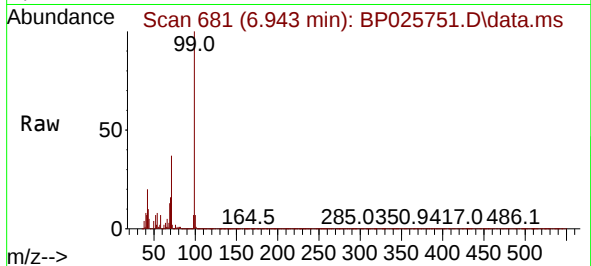




#7
Phenol-d6
Concen: 142.002 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025751.D
Acq: 15 Sep 2025 13:52

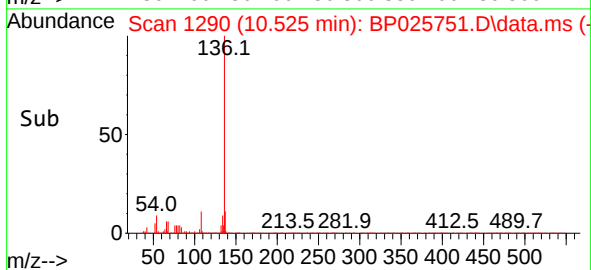
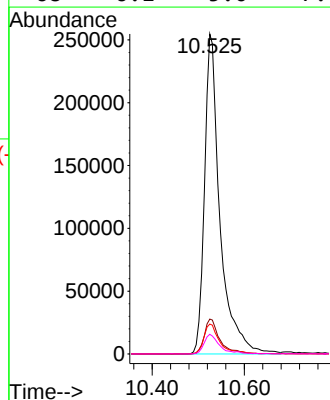
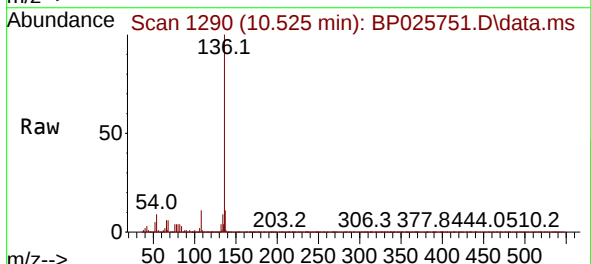
Instrument :
BNA_P
ClientSampleId :
PB169528BL

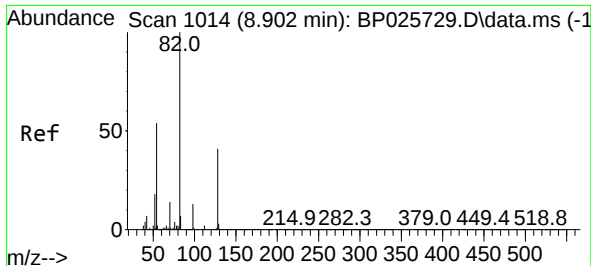
Tgt Ion: 99 Resp: 1786755
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 36.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025751.D
Acq: 15 Sep 2025 13:52

Tgt Ion:136 Resp: 595554
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.4 7.5 11.3
68 6.1 5.0 7.6

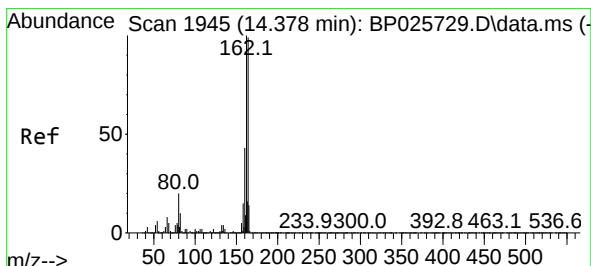
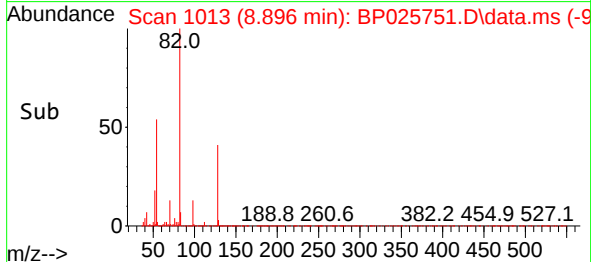
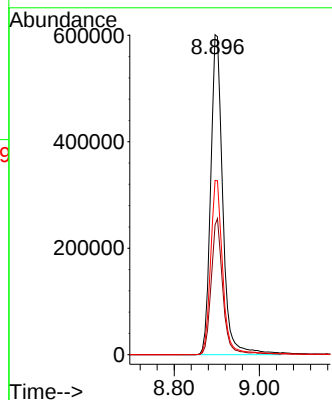
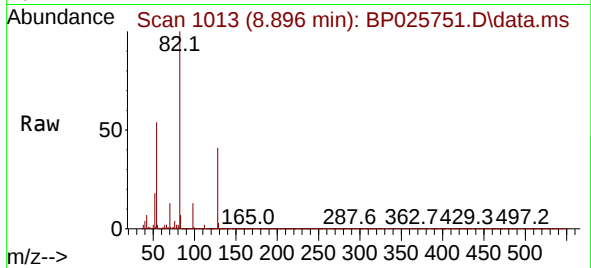




#23
Nitrobenzene-d5
Concen: 87.687 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025751.D
Acq: 15 Sep 2025 13:52

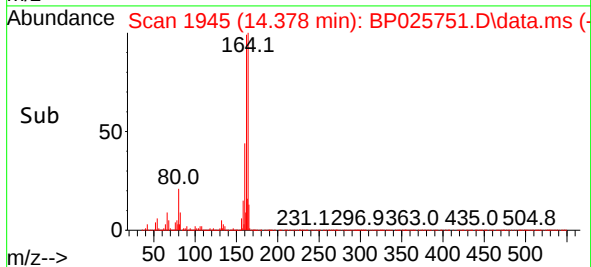
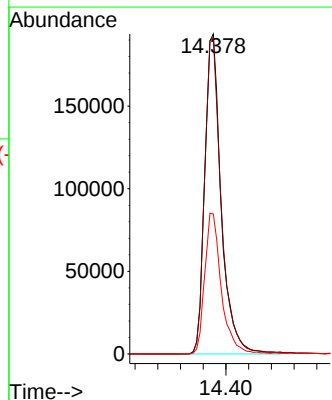
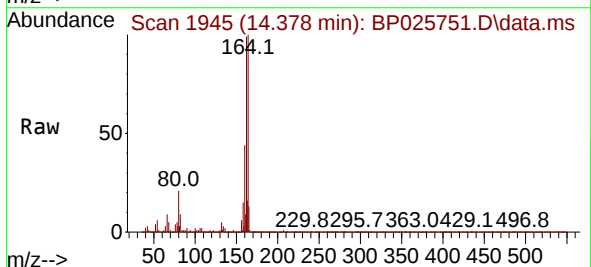
Instrument :
BNA_P
ClientSampleId :
PB169528BL

Tgt Ion: 82 Resp: 1183882
Ion Ratio Lower Upper
82 100
128 40.6 32.9 49.3
54 54.5 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025751.D
Acq: 15 Sep 2025 13:52

Tgt Ion:164 Resp: 387797
Ion Ratio Lower Upper
164 100
162 98.9 80.6 120.8
160 43.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 138.255 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025751.D

Acq: 15 Sep 2025 13:52

Instrument :

BNA_P

ClientSampleId :

PB169528BL

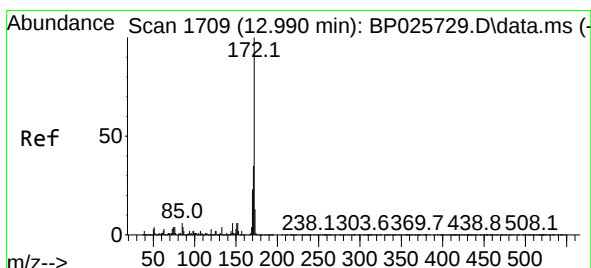
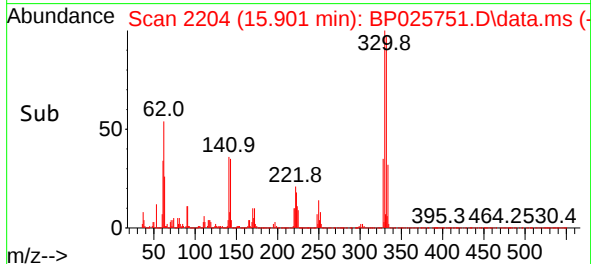
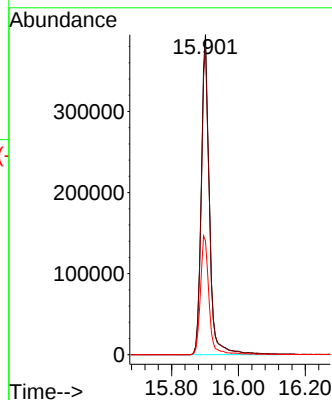
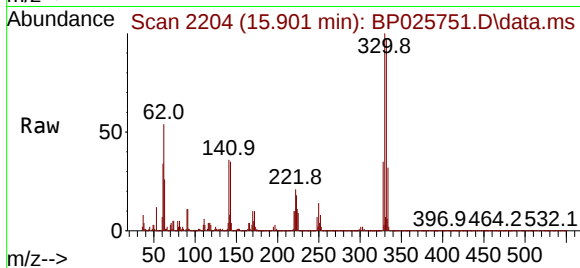
Tgt Ion:330 Resp: 668740

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

141 39.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 88.124 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025751.D

Acq: 15 Sep 2025 13:52

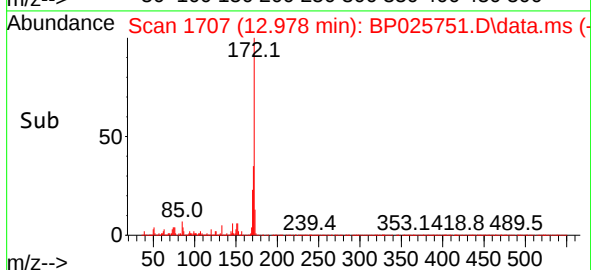
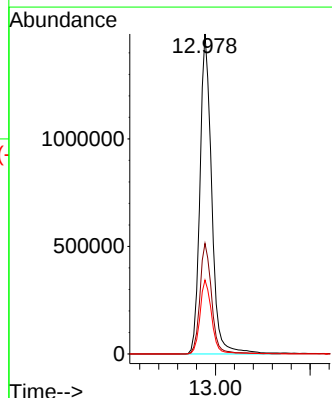
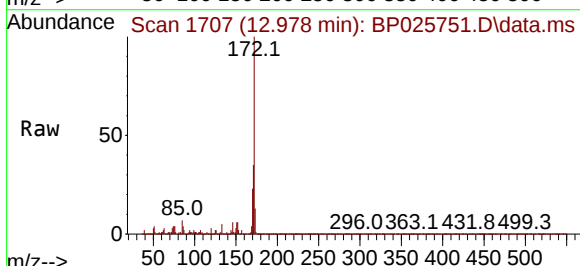
Tgt Ion:172 Resp: 2566596

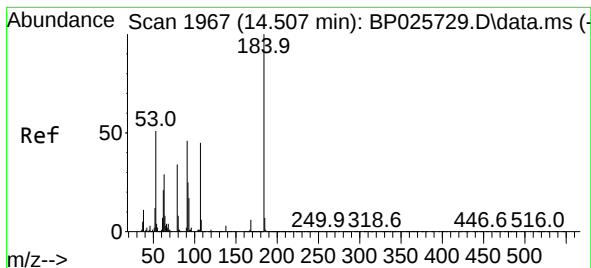
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.1 18.6 27.8

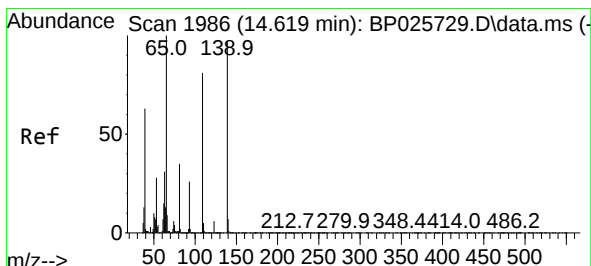
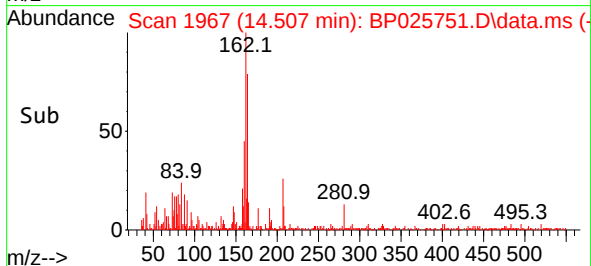
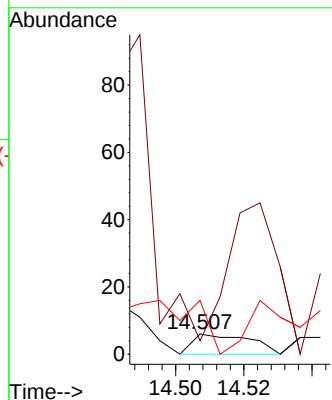
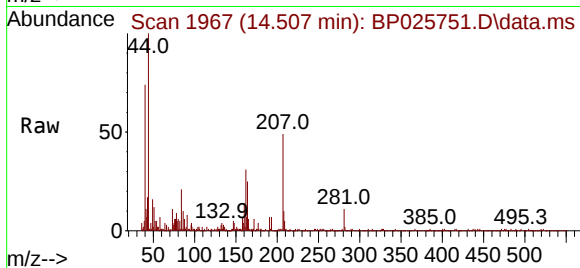




#54
2,4-Dinitrophenol
Concen: 4.826 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025751.D
Acq: 15 Sep 2025 13:52

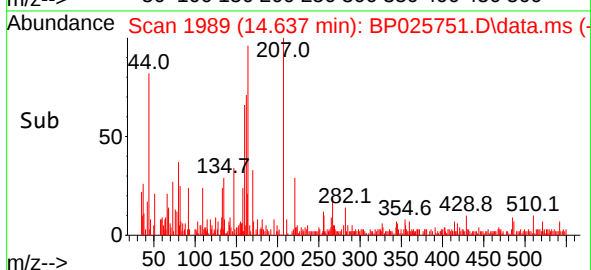
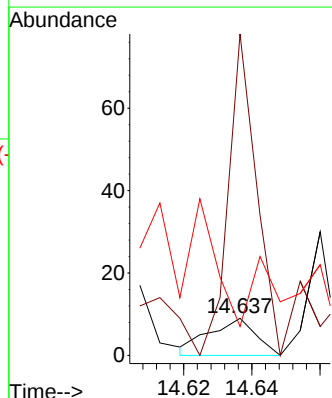
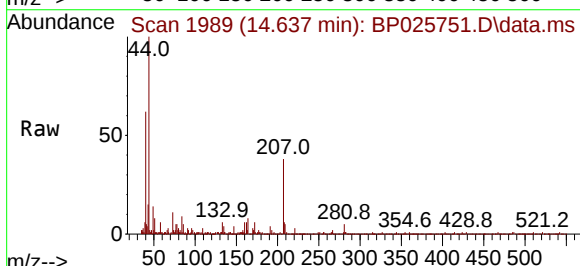
Instrument :
BNA_P
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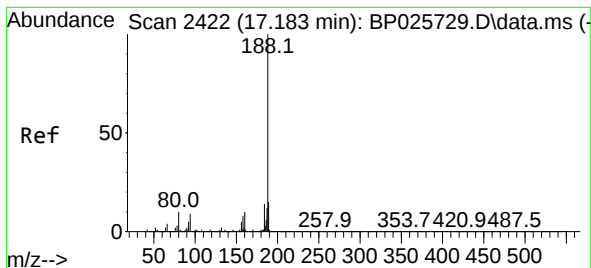
Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 66.7 52.5 78.7
154 266.7 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.484 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.018 min
Lab File: BP025751.D
Acq: 15 Sep 2025 13:52

Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 866.7 62.9 102.9#
65 77.8 83.4 123.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BP025751.D

Acq: 15 Sep 2025 13:52

Instrument :

BNA_P

ClientSampleId :

PB169528BL

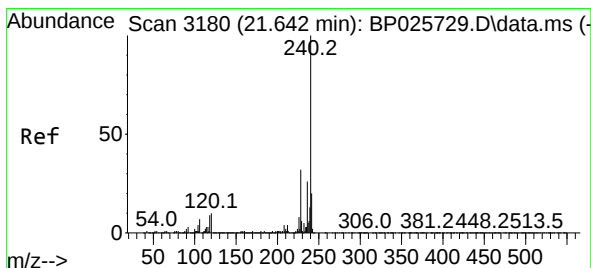
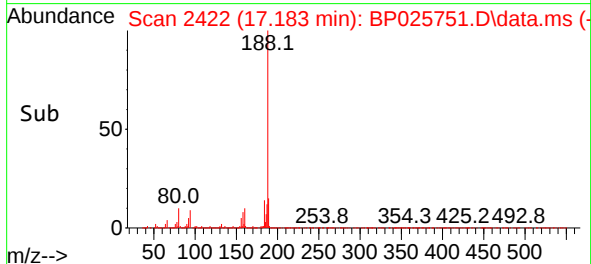
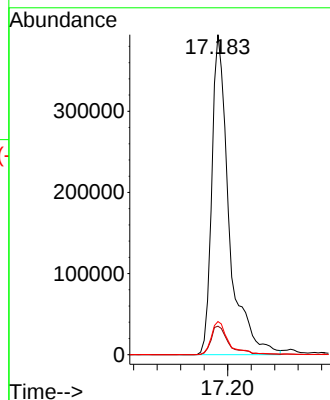
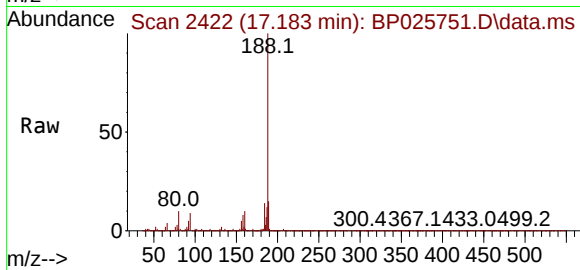
Tgt Ion:188 Resp: 805666

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.0

80 10.4 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.012 min

Lab File: BP025751.D

Acq: 15 Sep 2025 13:52

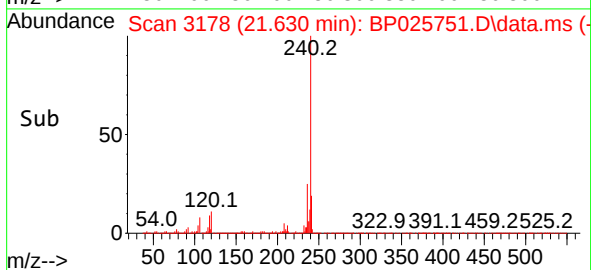
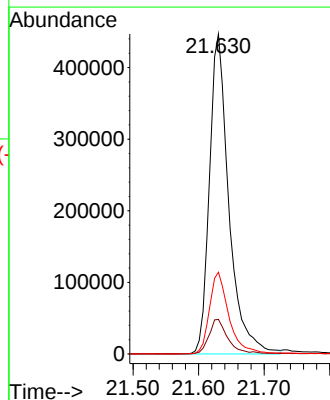
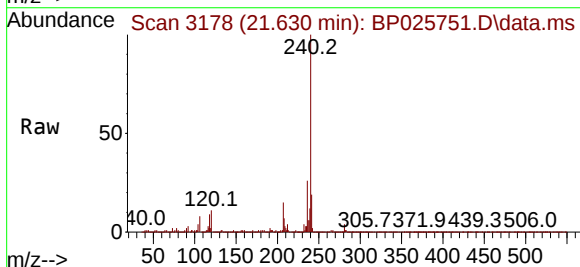
Tgt Ion:240 Resp: 920928

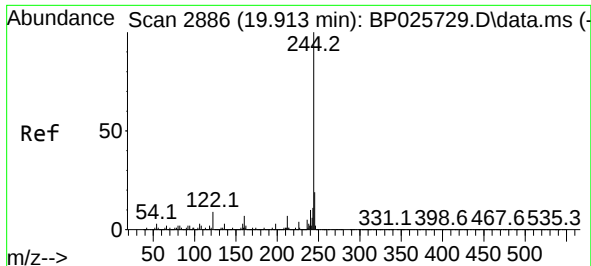
Ion Ratio Lower Upper

240 100

120 10.8 8.0 12.0

236 25.5 20.7 31.1

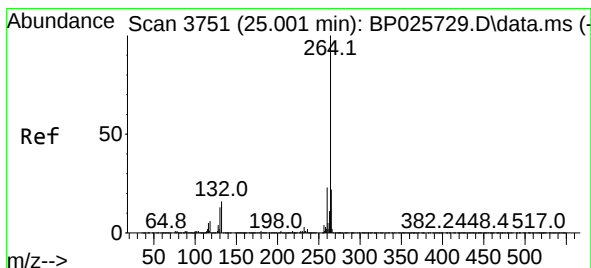
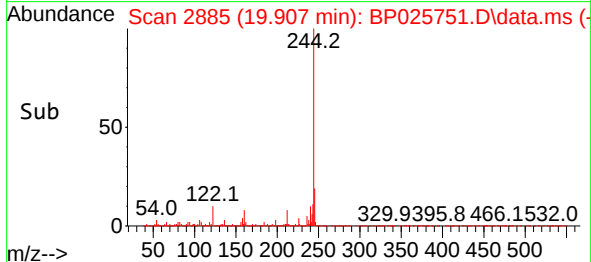
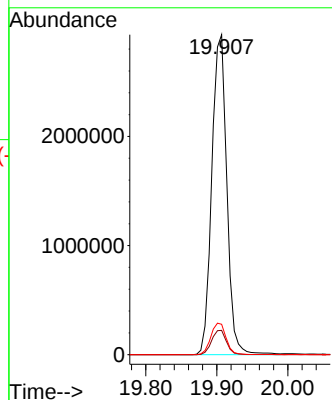
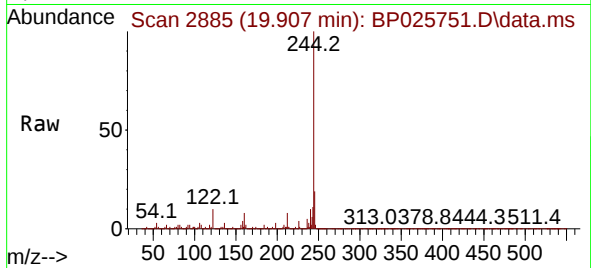




#79
 Terphenyl-d14
 Concen: 84.061 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025751.D
 Acq: 15 Sep 2025 13:52

Instrument :
 BNA_P
 ClientSampleId :
 PB169528BL

Tgt Ion:244 Resp: 4303224
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.989 min Scan# 3749
 Delta R.T. -0.012 min
 Lab File: BP025751.D
 Acq: 15 Sep 2025 13:52

Tgt Ion:264 Resp: 977097
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.3 17.3 25.9

