

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
 Data File : BP025786.D
 Acq On : 18 Sep 2025 18:05
 Operator : CG/JU
 Sample : PB169731TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 18 18:28:52 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)

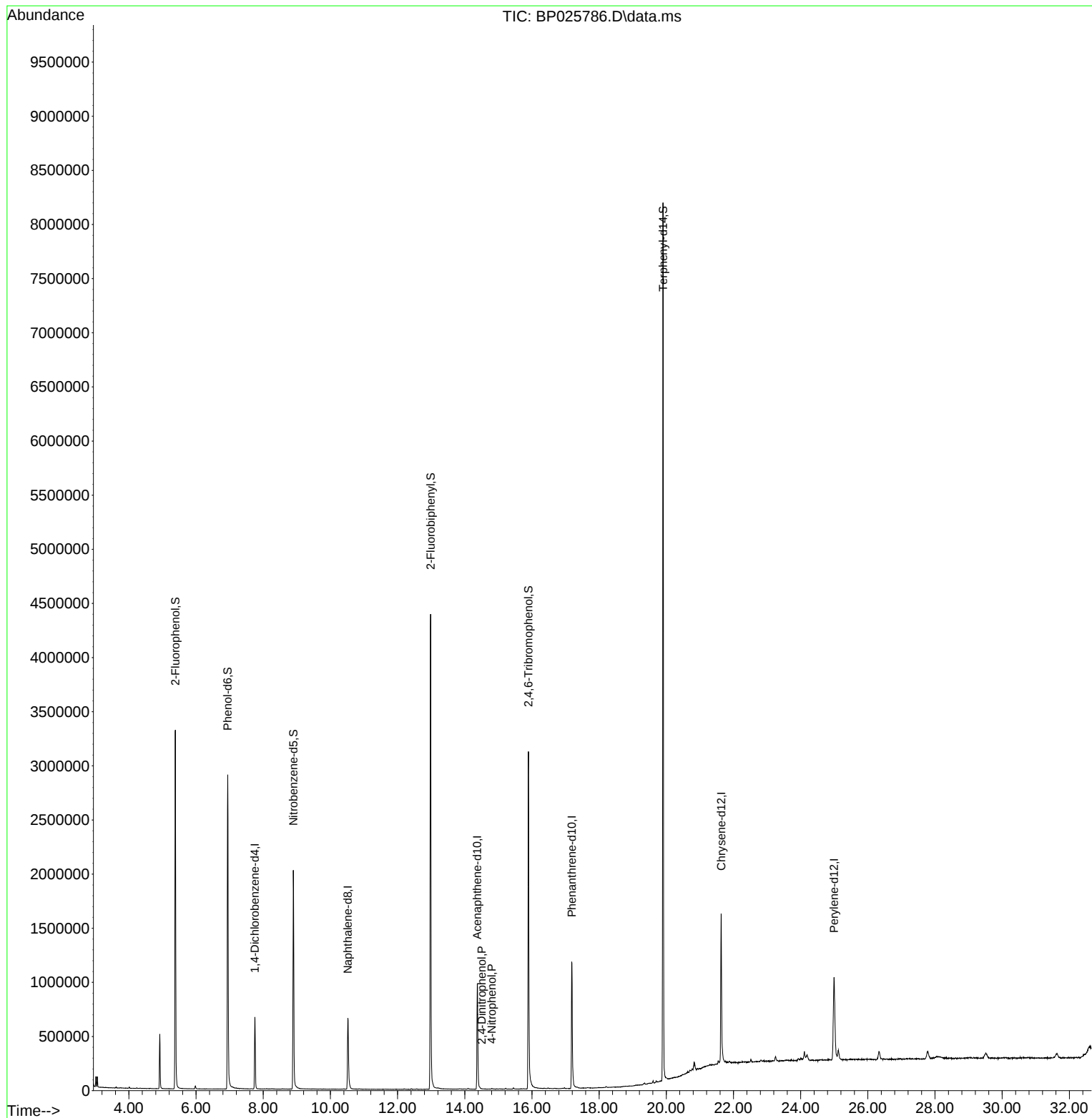
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	185142	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	694343	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	444213	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	897231	20.000	ng	0.00
76) Chrysene-d12	21.636	240	932815	20.000	ng	0.00
86) Perylene-d12	24.995	264	986308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1457699	127.041	ng	0.00
7) Phenol-d6	6.943	99	1792944	117.560	ng	0.00
23) Nitrobenzene-d5	8.896	82	1241936	78.899	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	646458	116.675	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2596670	77.834	ng	0.00
79) Terphenyl-d14	19.901	244	4167320	80.369	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.507	184	22	4.829	ng	# 37
56) 4-Nitrophenol	14.801	139	1494	4.699	ng	# 8

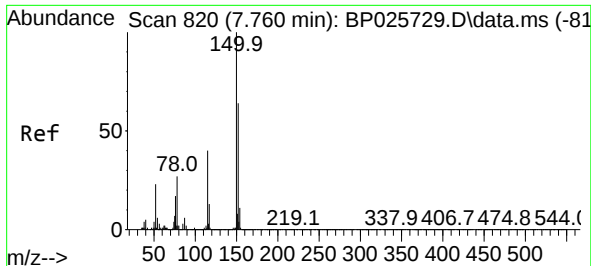
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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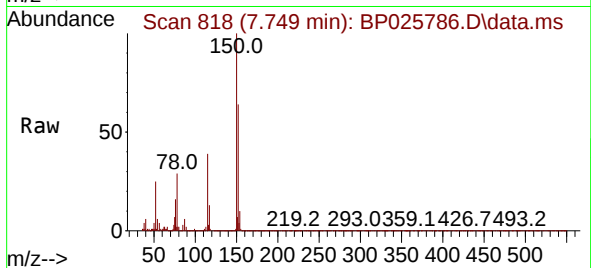
Quant Time: Sep 18 18:28:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



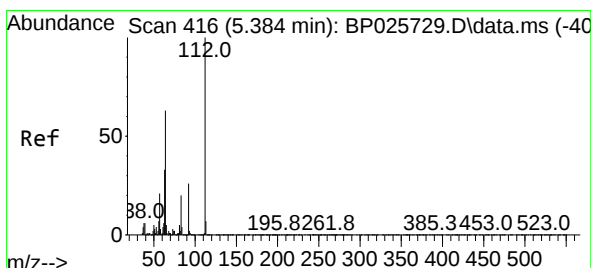
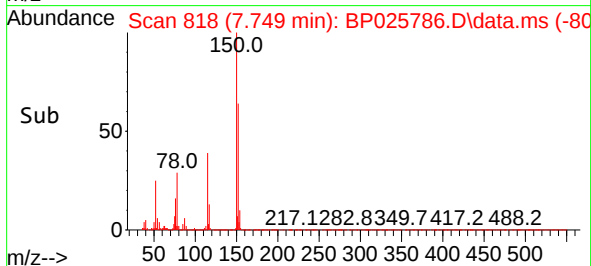
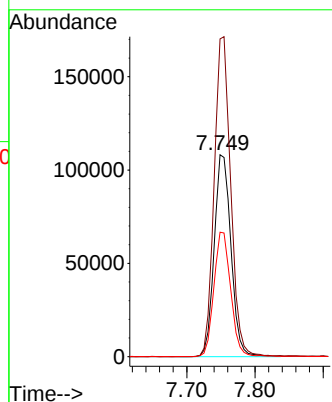


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025786.D
 Acq: 18 Sep 2025 18:05

Instrument :
 BNA_P
 ClientSampleId :

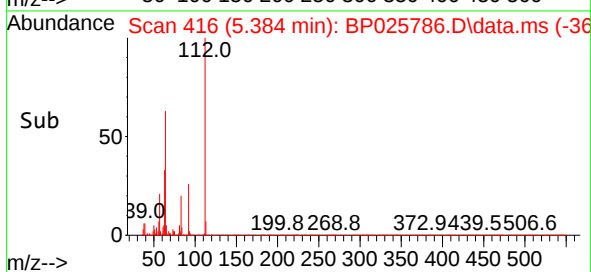
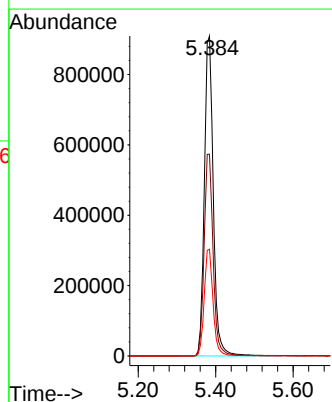
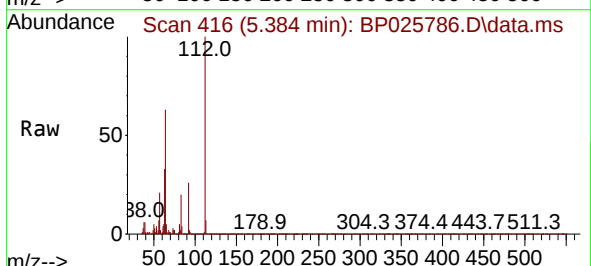


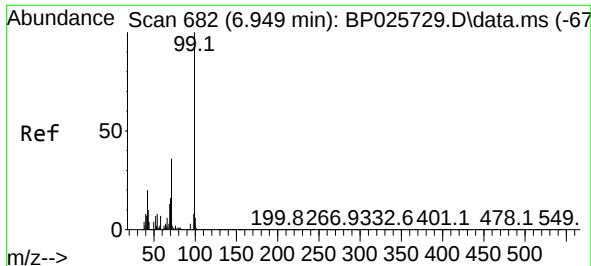
Tgt Ion:152 Resp: 185142
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.3 186.5
 115 61.7 50.3 75.5



#5
 2-Fluorophenol
 Concen: 127.041 ng
 RT: 5.384 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: BP025786.D
 Acq: 18 Sep 2025 18:05

Tgt Ion:112 Resp: 1457699
 Ion Ratio Lower Upper
 112 100
 64 63.1 50.2 75.4
 63 33.4 26.7 40.1

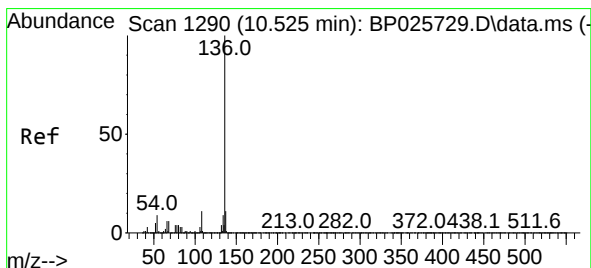
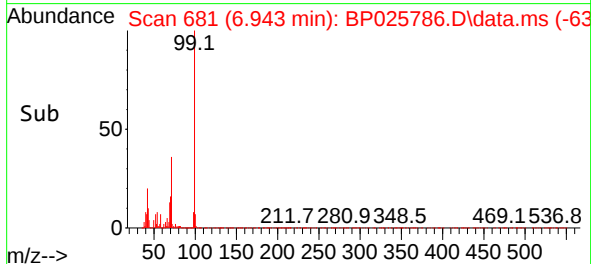
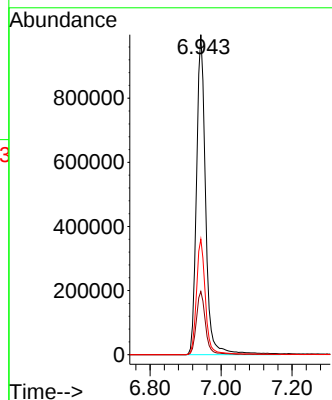
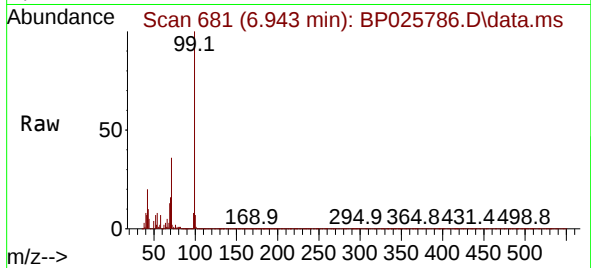




#7
Phenol-d6
Concen: 117.560 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025786.D
Acq: 18 Sep 2025 18:05

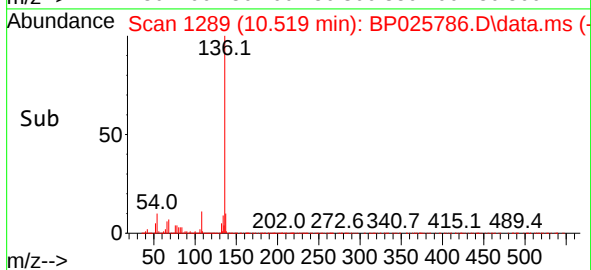
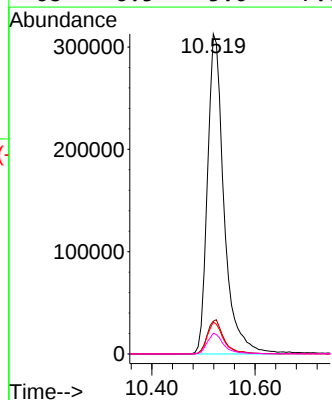
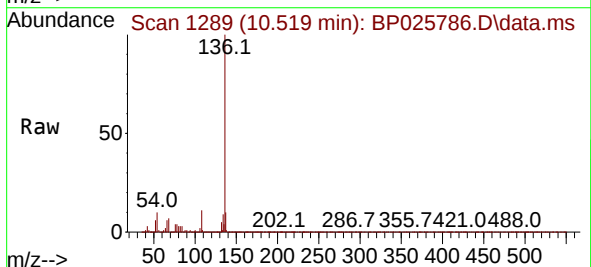
Instrument :
BNA_P
ClientSampleId :

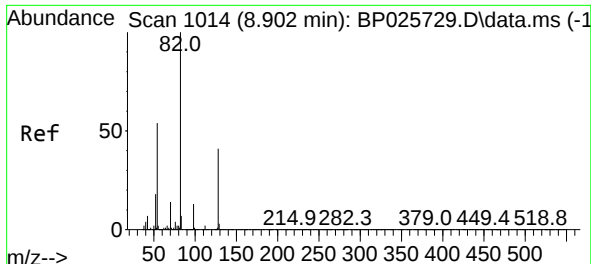
Tgt Ion: 99 Resp: 1792944
Ion Ratio Lower Upper
99 100
42 19.7 15.6 23.4
71 36.1 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025786.D
Acq: 18 Sep 2025 18:05

Tgt Ion:136 Resp: 694343
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 10.0 7.5 11.3
68 6.5 5.0 7.6

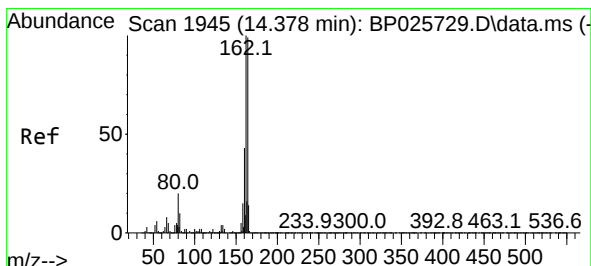
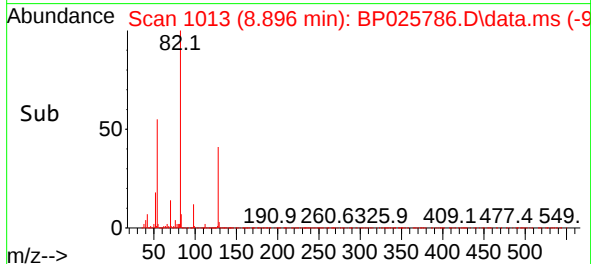
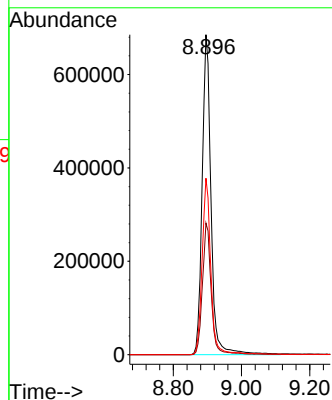
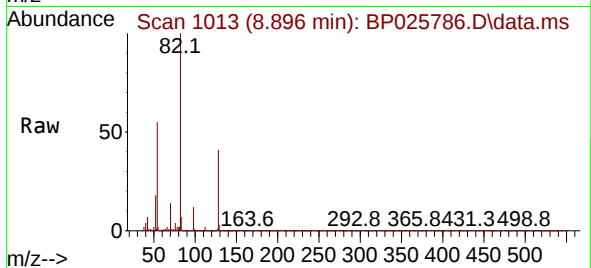




#23
Nitrobenzene-d5
Concen: 78.899 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025786.D
Acq: 18 Sep 2025 18:05

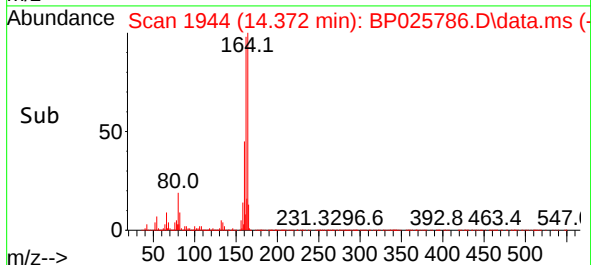
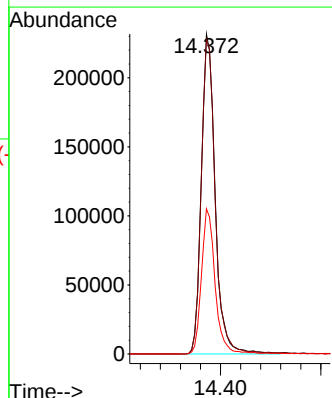
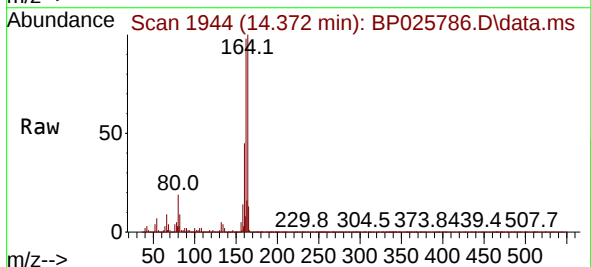
Instrument :
BNA_P
ClientSampleId :

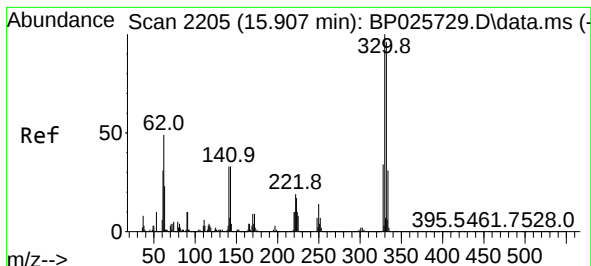
Tgt Ion: 82 Resp: 1241936
Ion Ratio Lower Upper
82 100
128 41.1 32.9 49.3
54 55.1 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025786.D
Acq: 18 Sep 2025 18:05

Tgt Ion:164 Resp: 444213
Ion Ratio Lower Upper
164 100
162 98.2 80.6 120.8
160 45.3 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 116.675 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025786.D

Acq: 18 Sep 2025 18:05

Instrument :

BNA_P

ClientSampleId :

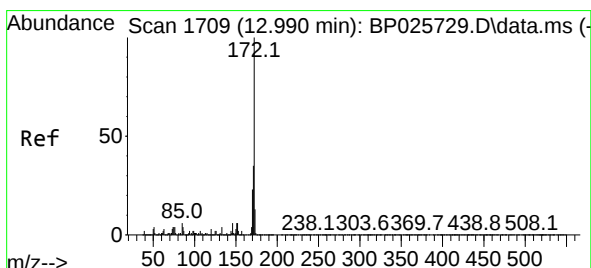
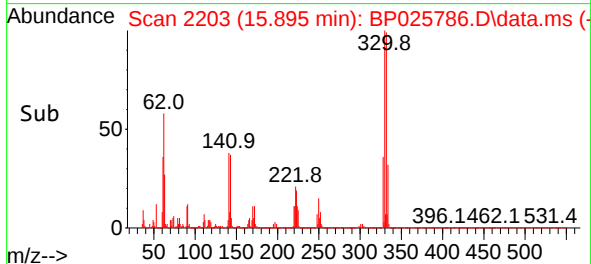
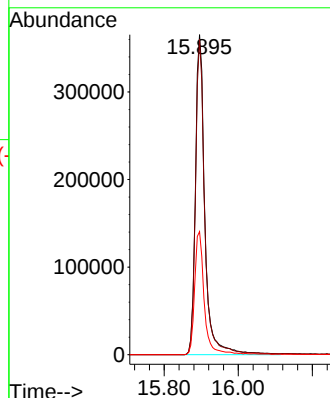
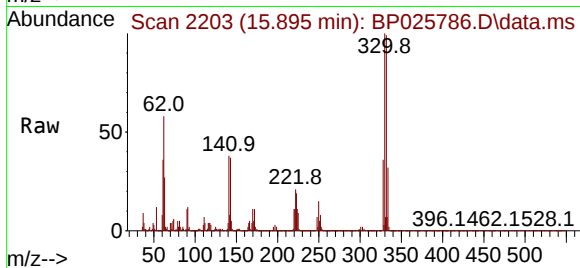
Tgt Ion:330 Resp: 646458

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 39.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 77.834 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025786.D

Acq: 18 Sep 2025 18:05

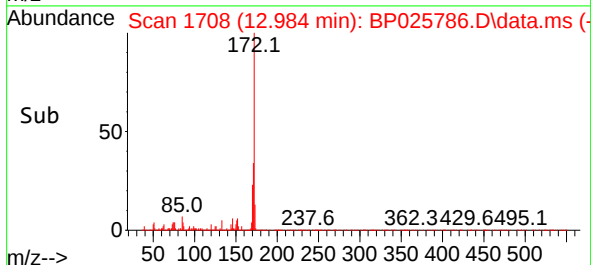
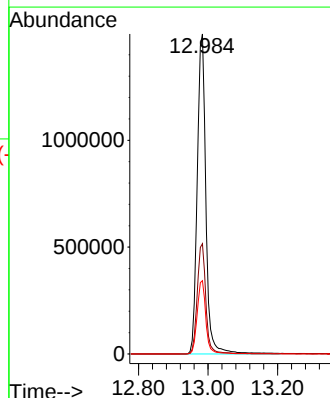
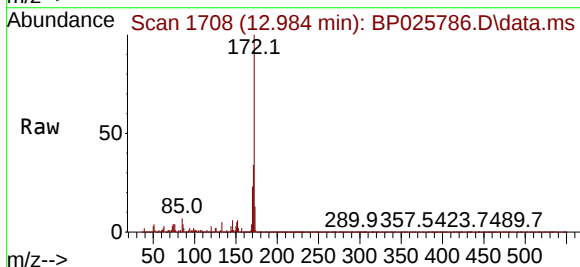
Tgt Ion:172 Resp: 2596670

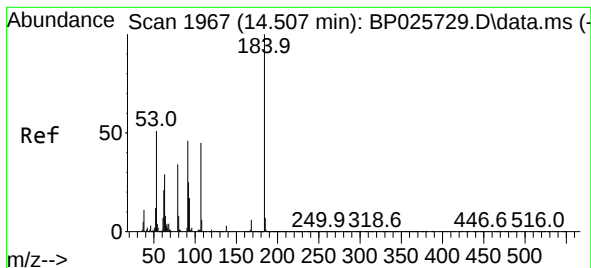
Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.6

170 22.9 18.6 27.8

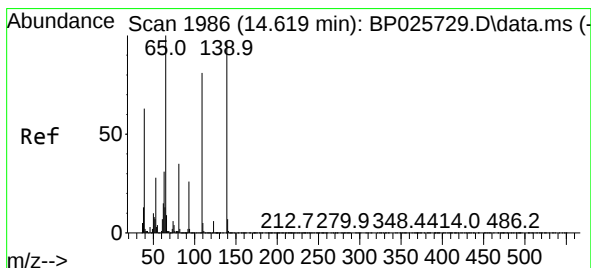
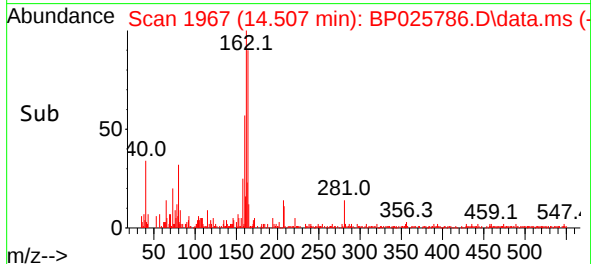
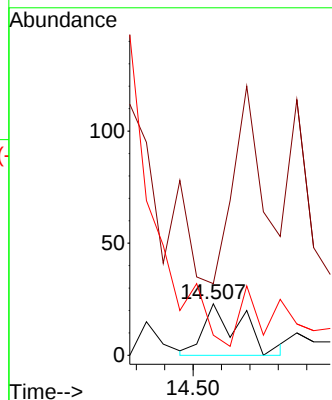
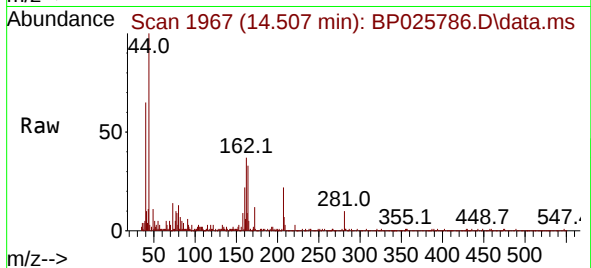




#54
2,4-Dinitrophenol
Concen: 4.829 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025786.D
Acq: 18 Sep 2025 18:05

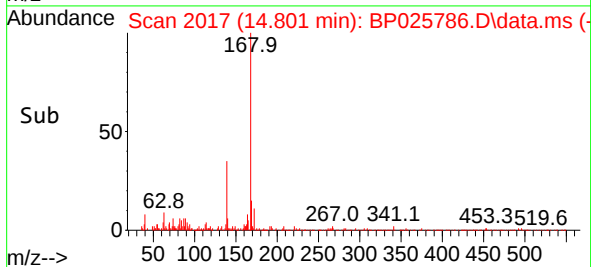
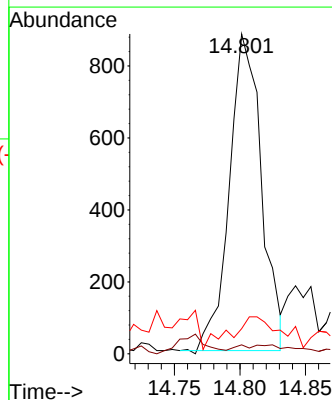
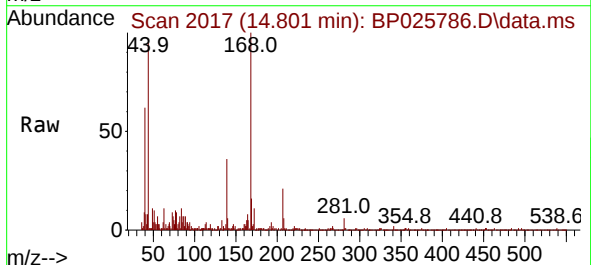
Instrument :
BNA_P
ClientSampleId :

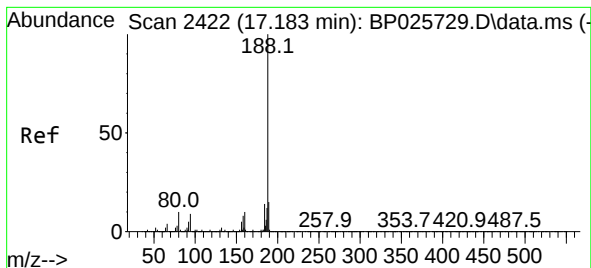
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 139.1 52.5 78.7#
154 39.1 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.699 ng
RT: 14.801 min Scan# 2017
Delta R.T. 0.182 min
Lab File: BP025786.D
Acq: 18 Sep 2025 18:05

Tgt Ion:139 Resp: 1494
Ion Ratio Lower Upper
139 100
109 2.8 62.9 102.9#
65 7.9 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: BP025786.D

Acq: 18 Sep 2025 18:05

Instrument :

BNA_P

ClientSampleId :

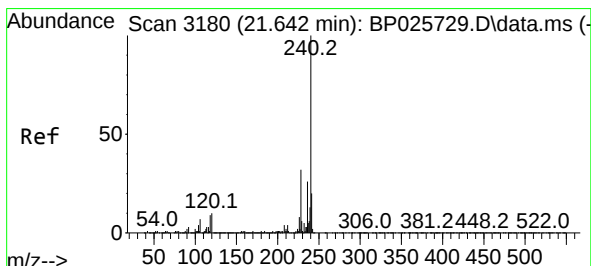
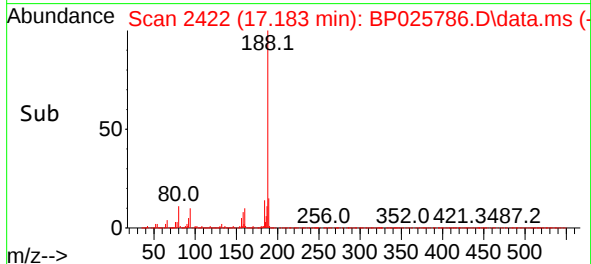
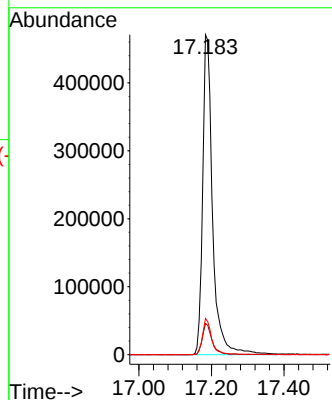
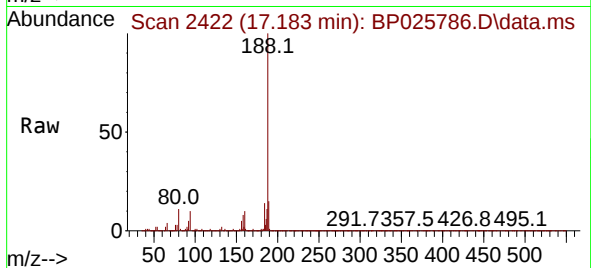
Tgt Ion:188 Resp: 897231

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 11.3 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.006 min

Lab File: BP025786.D

Acq: 18 Sep 2025 18:05

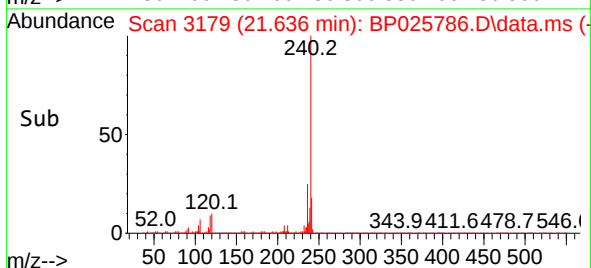
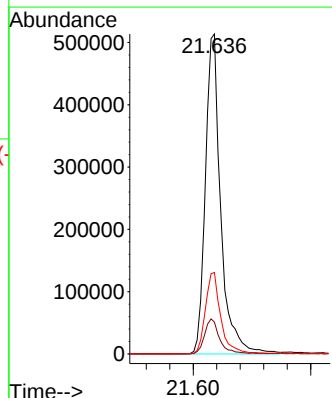
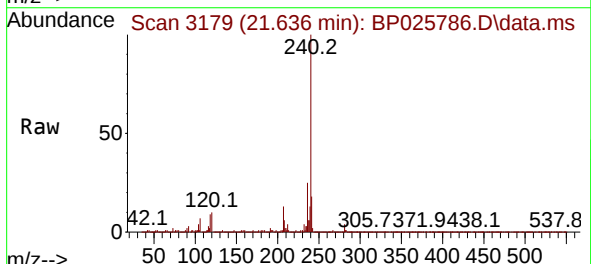
Tgt Ion:240 Resp: 932815

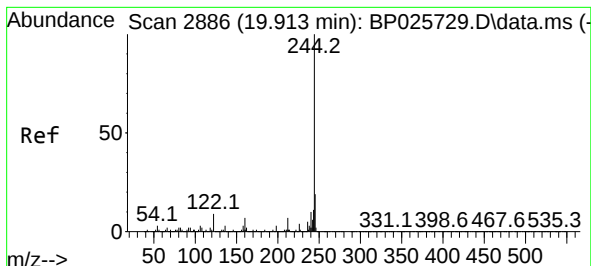
Ion Ratio Lower Upper

240 100

120 9.9 8.0 12.0

236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 80.369 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025786.D

Acq: 18 Sep 2025 18:05

Instrument :

BNA_P

ClientSampleId :

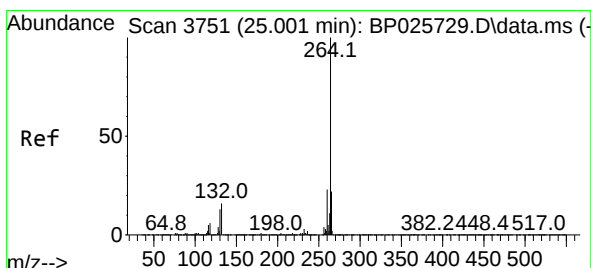
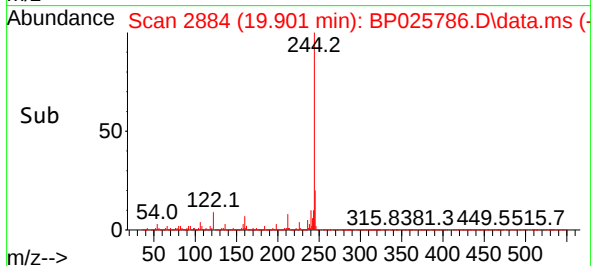
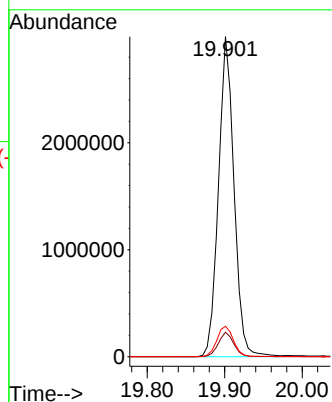
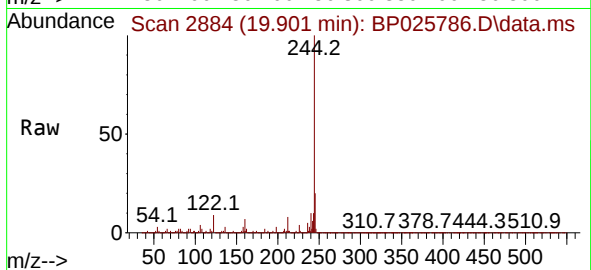
Tgt Ion:244 Resp: 4167320

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.006 min

Lab File: BP025786.D

Acq: 18 Sep 2025 18:05

Tgt Ion:264 Resp: 986308

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.4 17.3 25.9

