

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025743.D
 Acq On : 12 Sep 2025 14:30
 Operator : CG/JU
 Sample : PB169499BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169499BL

Quant Time: Sep 12 15:00:14 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)

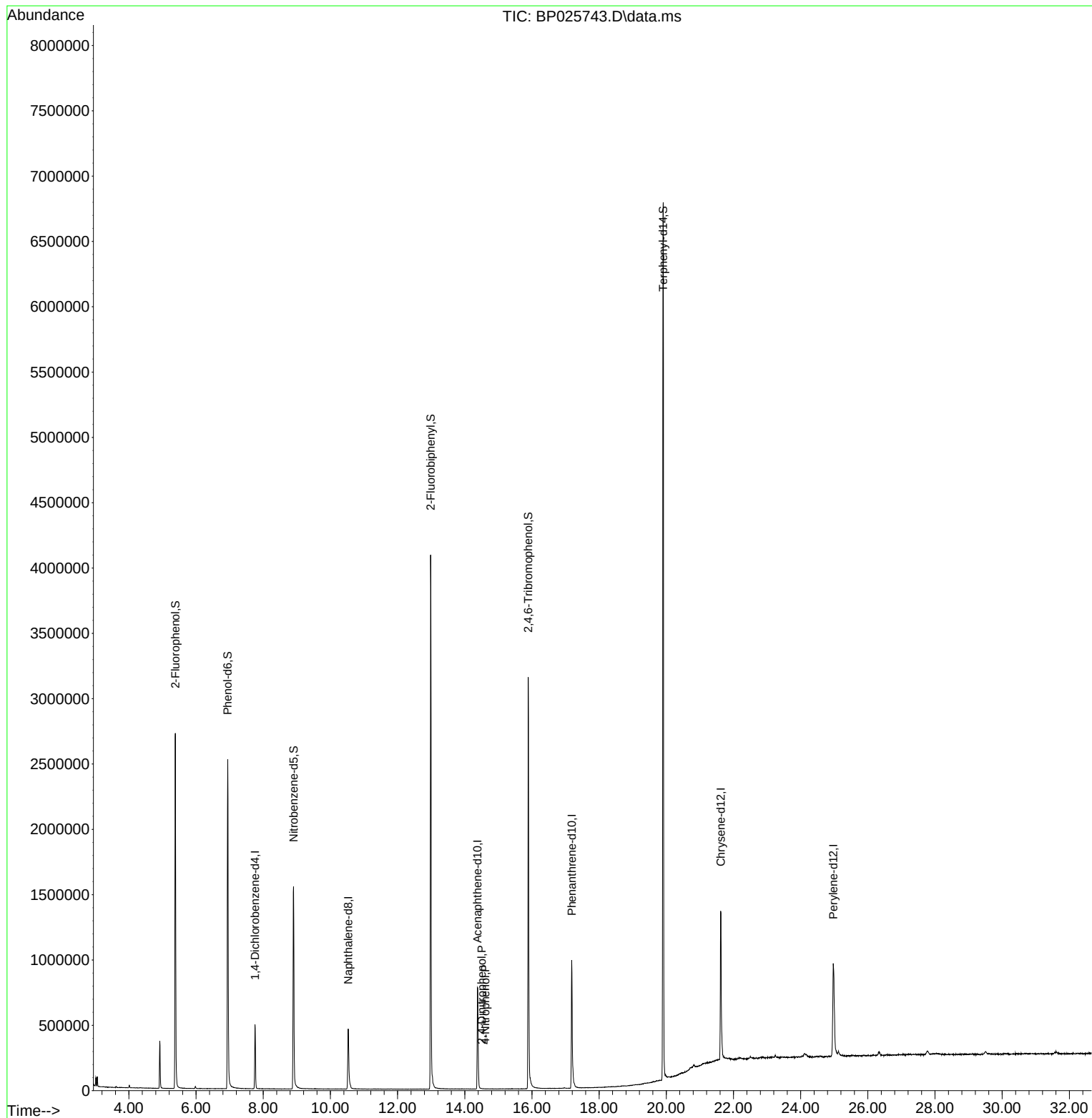
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	134957	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	525832	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	350062	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	778197	20.000	ng	0.00
76) Chrysene-d12	21.618	240	870891	20.000	ng	-0.02
86) Perylene-d12	24.971	264	895941	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1215331	145.305	ng	0.00
7) Phenol-d6	6.943	99	1534418	138.021	ng	0.00
23) Nitrobenzene-d5	8.901	82	1013516	85.022	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	602486	137.985	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2234692	84.999	ng	0.00
79) Terphenyl-d14	19.907	244	3998630	82.599	ng	0.00
Target Compounds						
54) 2,4-Dinitrophenol	14.507	184	17	4.829	ng	# 1
56) 4-Nitrophenol	14.607	139	18	4.486	ng	# 27

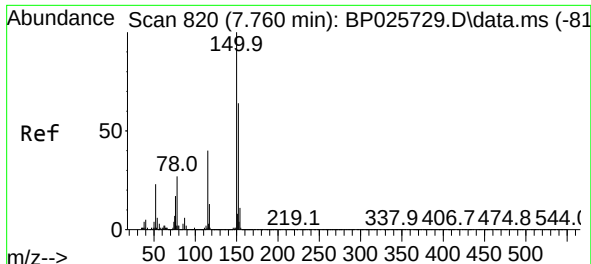
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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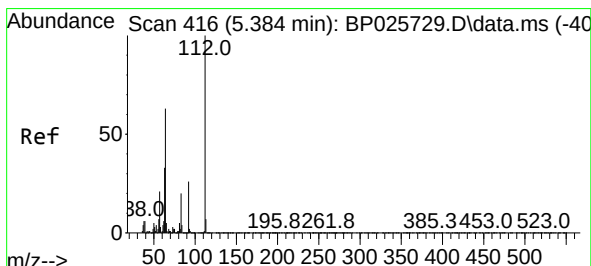
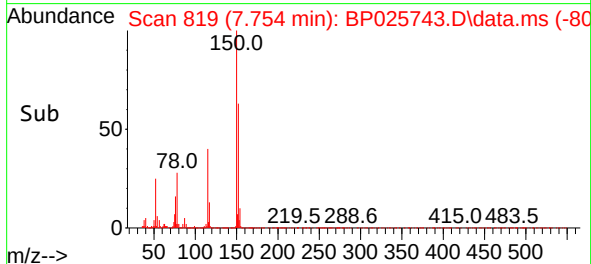
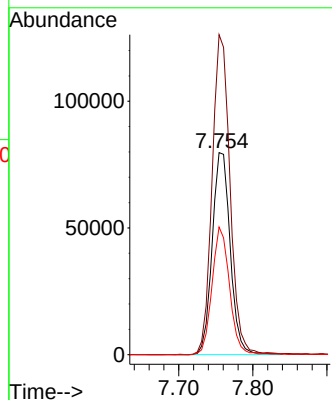
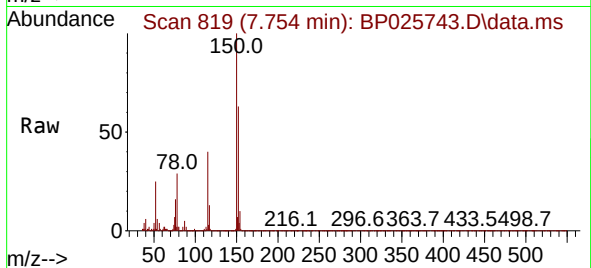




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP025743.D
Acq: 12 Sep 2025 14:30

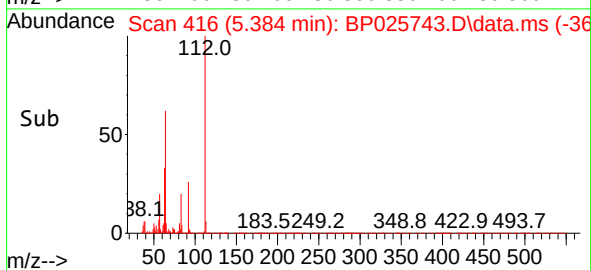
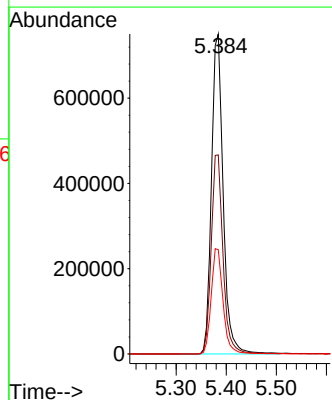
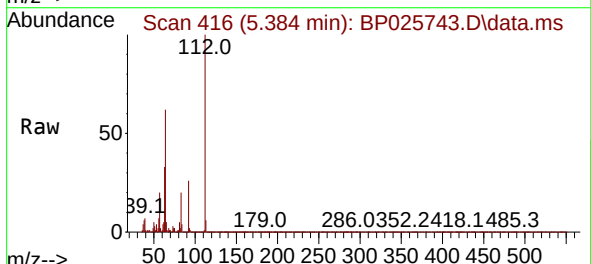
Instrument :
BNA_P
ClientSampleId :
PB169499BL

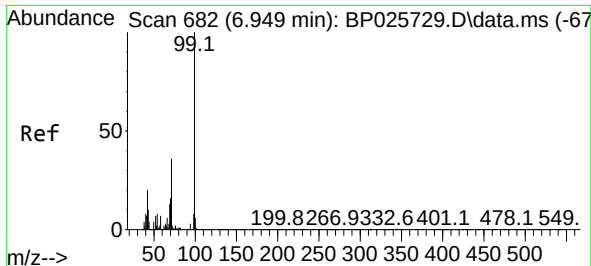
Tgt Ion:152 Resp: 134957
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 63.2 50.3 75.5



#5
2-Fluorophenol
Concen: 145.305 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025743.D
Acq: 12 Sep 2025 14:30

Tgt Ion:112 Resp: 1215331
Ion Ratio Lower Upper
112 100
64 62.2 50.2 75.4
63 32.6 26.7 40.1

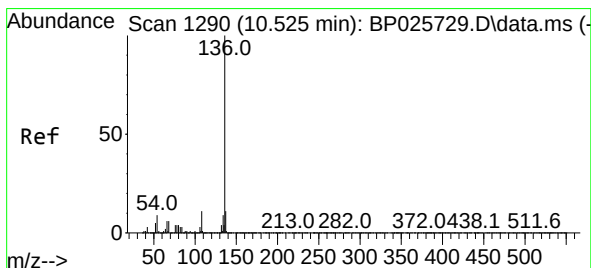
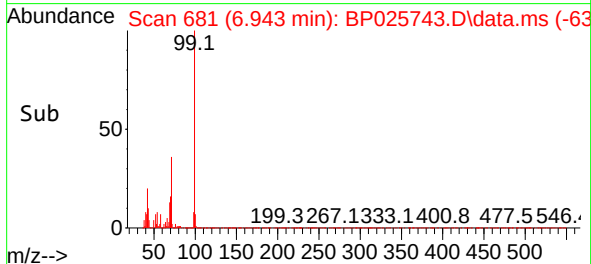
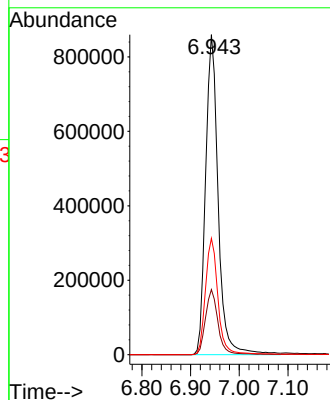
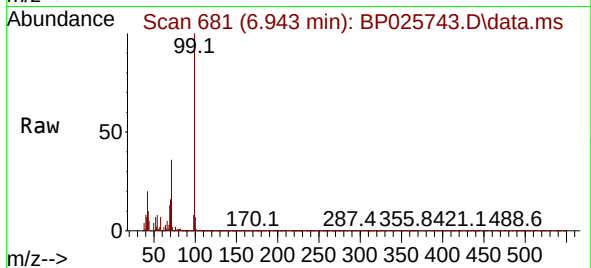




#7
Phenol-d6
Concen: 138.021 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025743.D
Acq: 12 Sep 2025 14:30

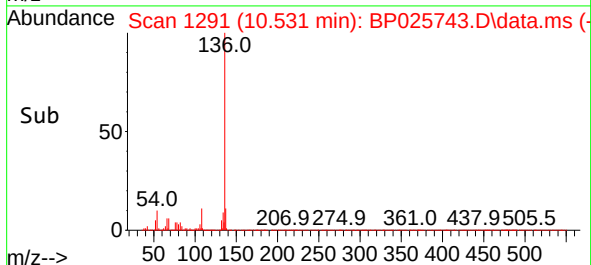
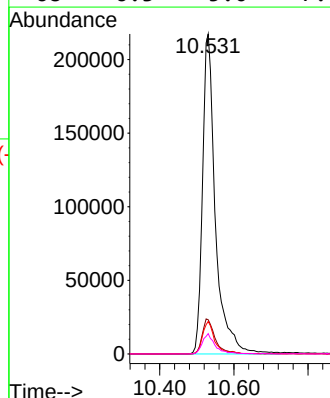
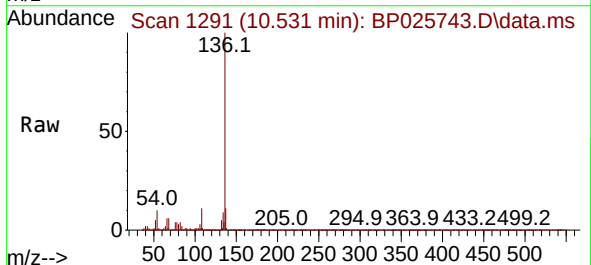
Instrument :
BNA_P
ClientSampleId :
PB169499BL

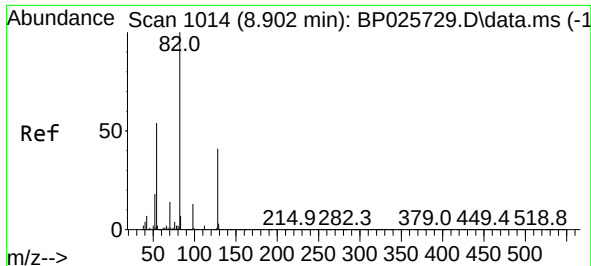
Tgt Ion: 99 Resp: 1534418
Ion Ratio Lower Upper
99 100
42 20.3 15.6 23.4
71 36.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP025743.D
Acq: 12 Sep 2025 14:30

Tgt Ion:136 Resp: 525832
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 10.1 7.5 11.3
68 6.3 5.0 7.6

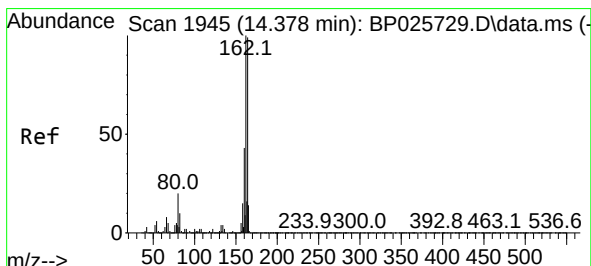
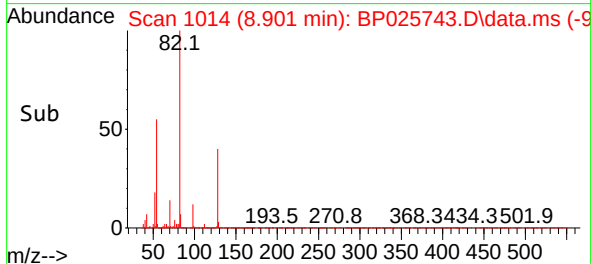
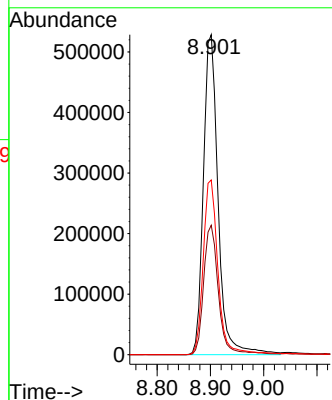
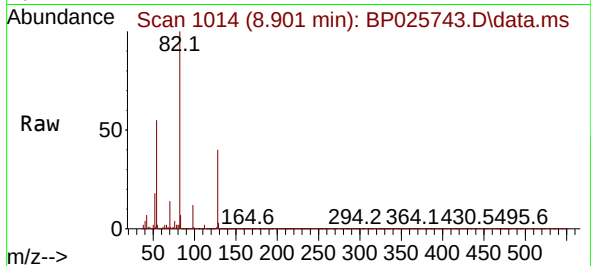




#23
Nitrobenzene-d5
Concen: 85.022 ng
RT: 8.901 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP025743.D
Acq: 12 Sep 2025 14:30

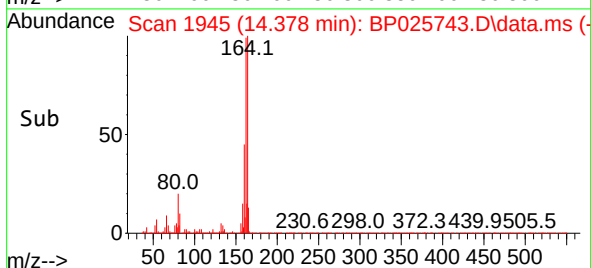
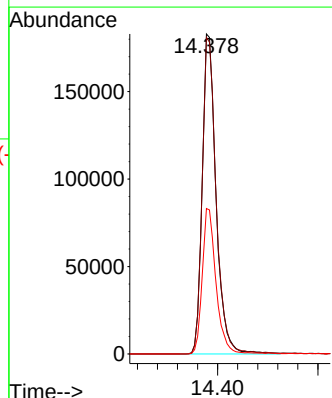
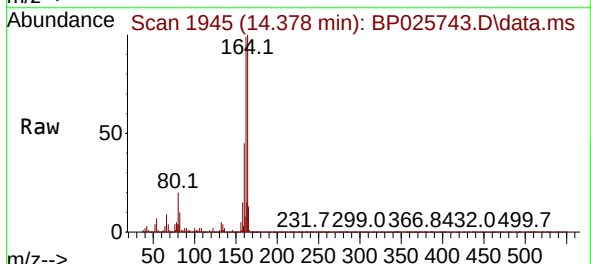
Instrument :
BNA_P
ClientSampleId :
PB169499BL

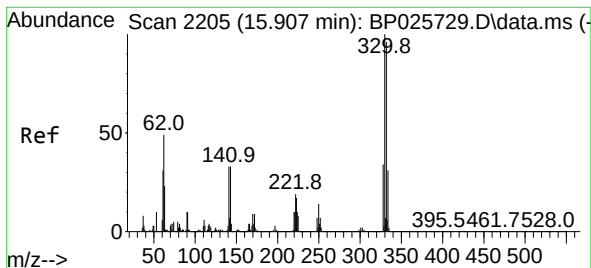
Tgt Ion: 82 Resp: 1013516
Ion Ratio Lower Upper
82 100
128 40.5 32.9 49.3
54 54.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025743.D
Acq: 12 Sep 2025 14:30

Tgt Ion: 164 Resp: 350062
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 45.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 137.985 ng

RT: 15.889 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025743.D

Acq: 12 Sep 2025 14:30

Instrument :

BNA_P

ClientSampleId :

PB169499BL

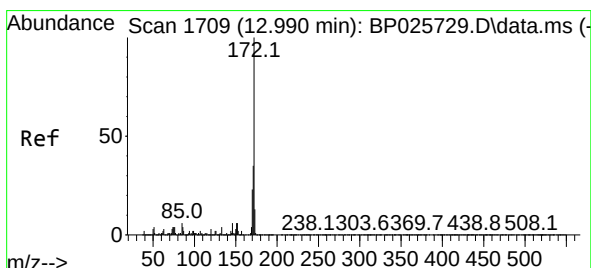
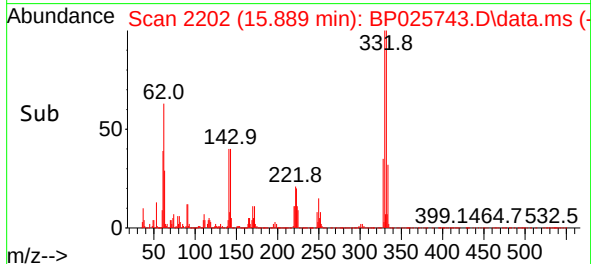
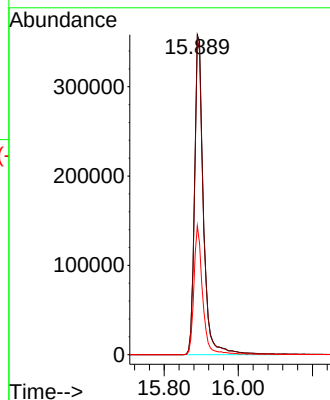
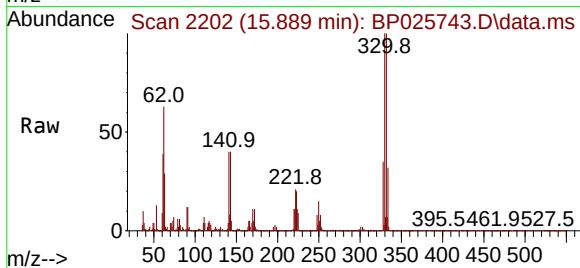
Tgt Ion:330 Resp: 602486

Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

141 39.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 84.999 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025743.D

Acq: 12 Sep 2025 14:30

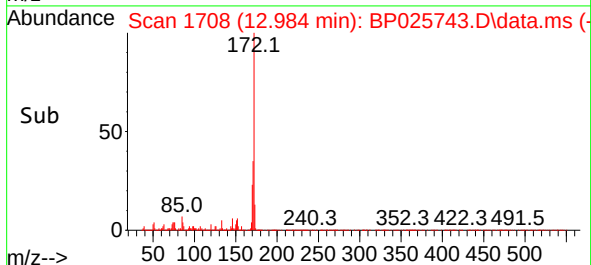
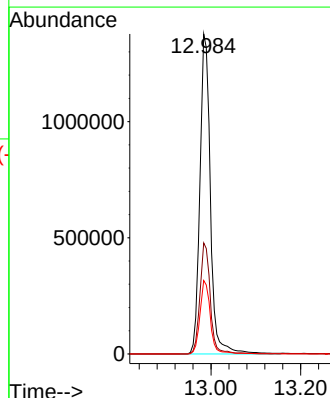
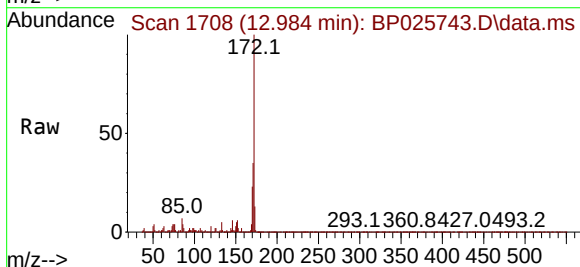
Tgt Ion:172 Resp: 2234692

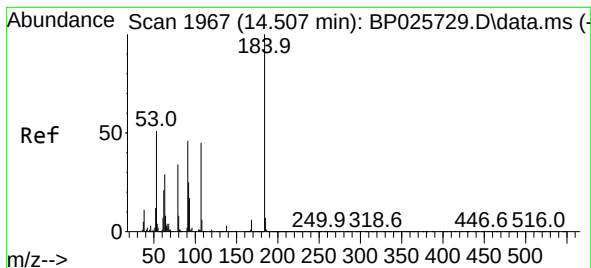
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.0 18.6 27.8

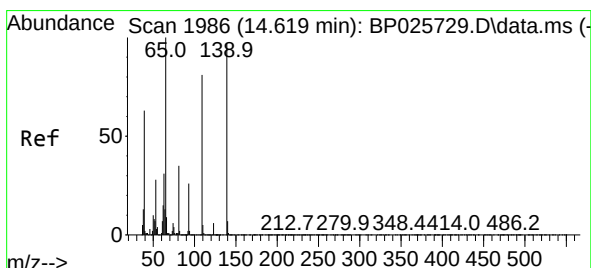
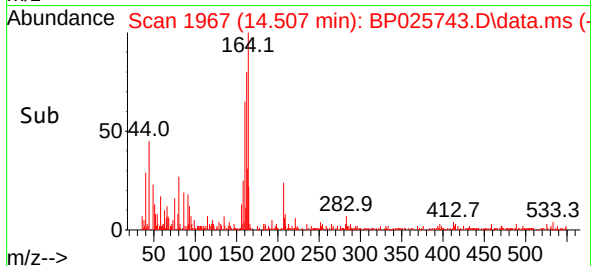
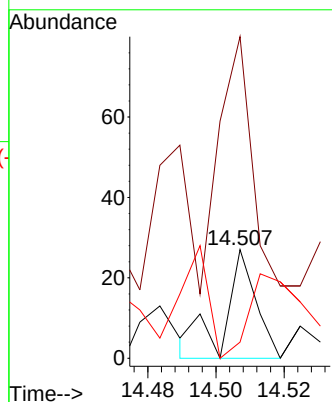
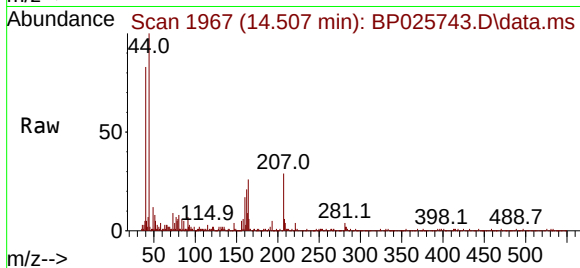




#54
2,4-Dinitrophenol
Concen: 4.829 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025743.D
Acq: 12 Sep 2025 14:30

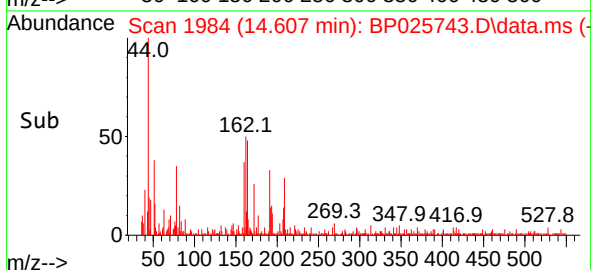
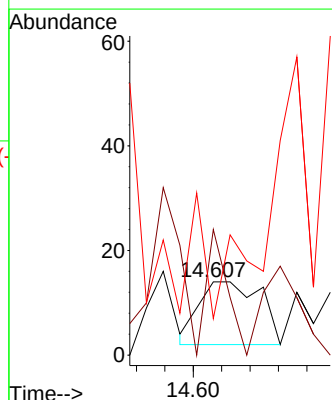
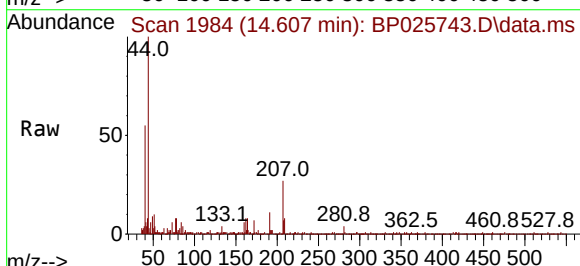
Instrument :
BNA_P
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PB169499BL

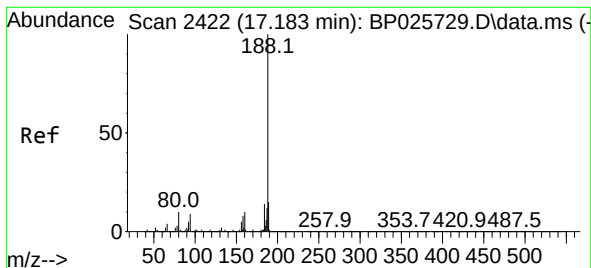
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 296.3 52.5 78.7#
154 14.8 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.486 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP025743.D
Acq: 12 Sep 2025 14:30

Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 171.4 62.9 102.9#
65 50.0 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: BP025743.D

Acq: 12 Sep 2025 14:30

Instrument :

BNA_P

ClientSampleId :

PB169499BL

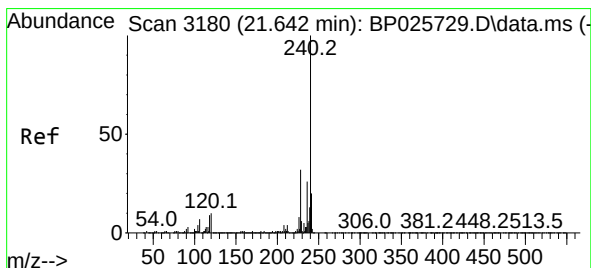
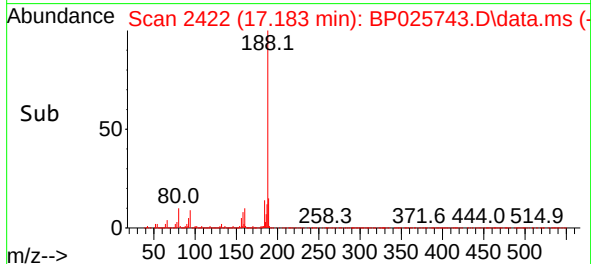
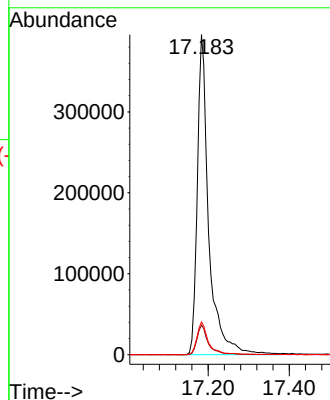
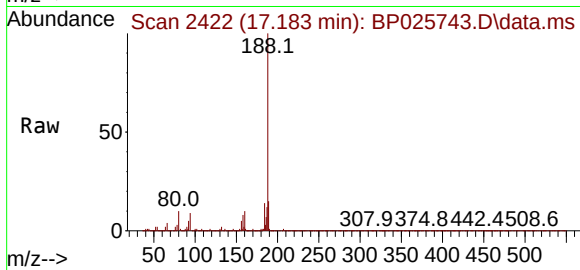
Tgt Ion:188 Resp: 778197

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 10.3 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3176

Delta R.T. -0.024 min

Lab File: BP025743.D

Acq: 12 Sep 2025 14:30

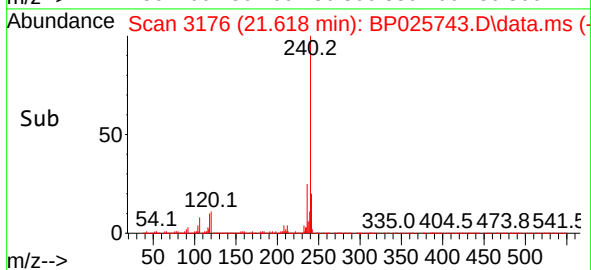
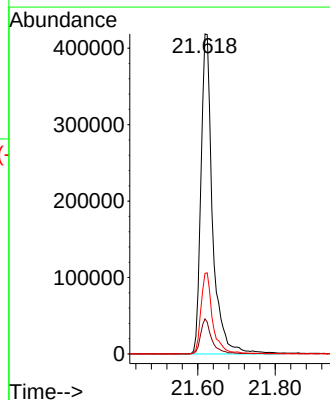
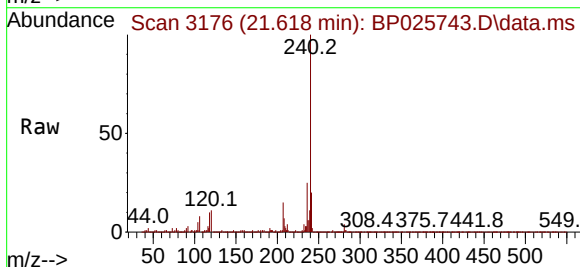
Tgt Ion:240 Resp: 870891

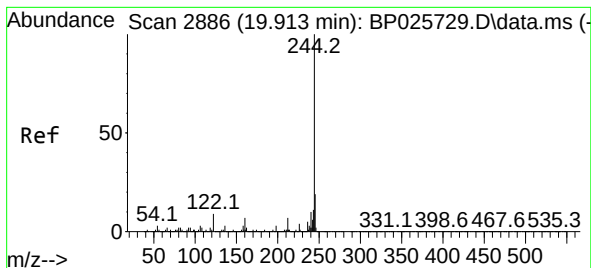
Ion Ratio Lower Upper

240 100

120 11.0 8.0 12.0

236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 82.599 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025743.D

Acq: 12 Sep 2025 14:30

Instrument :

BNA_P

ClientSampleId :

PB169499BL

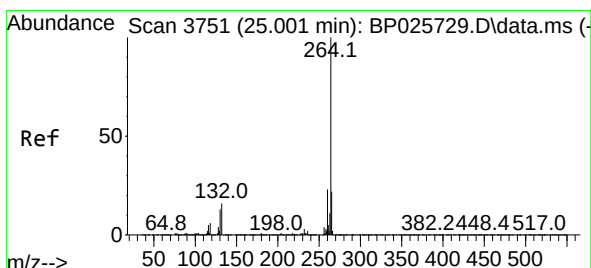
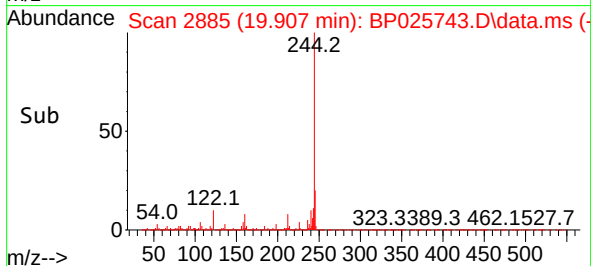
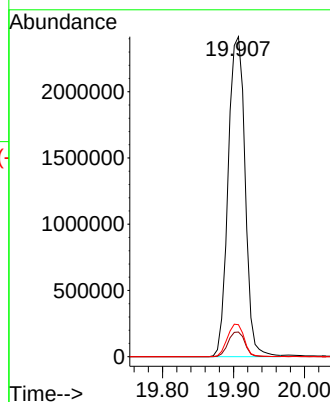
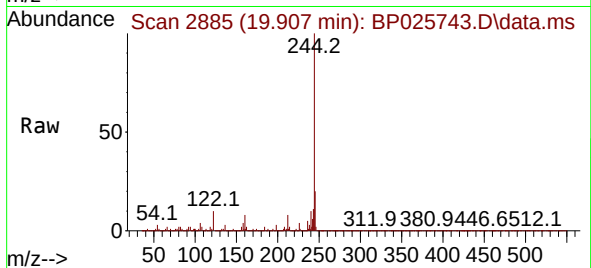
Tgt Ion:244 Resp: 3998630

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 10.0 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.971 min Scan# 3746

Delta R.T. -0.030 min

Lab File: BP025743.D

Acq: 12 Sep 2025 14:30

Tgt Ion:264 Resp: 895941

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 22.0 17.3 25.9

