

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025738.D
 Acq On : 12 Sep 2025 11:05
 Operator : CG/JU
 Sample : PB169490BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169490BL

Quant Time: Sep 12 11:51:19 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)

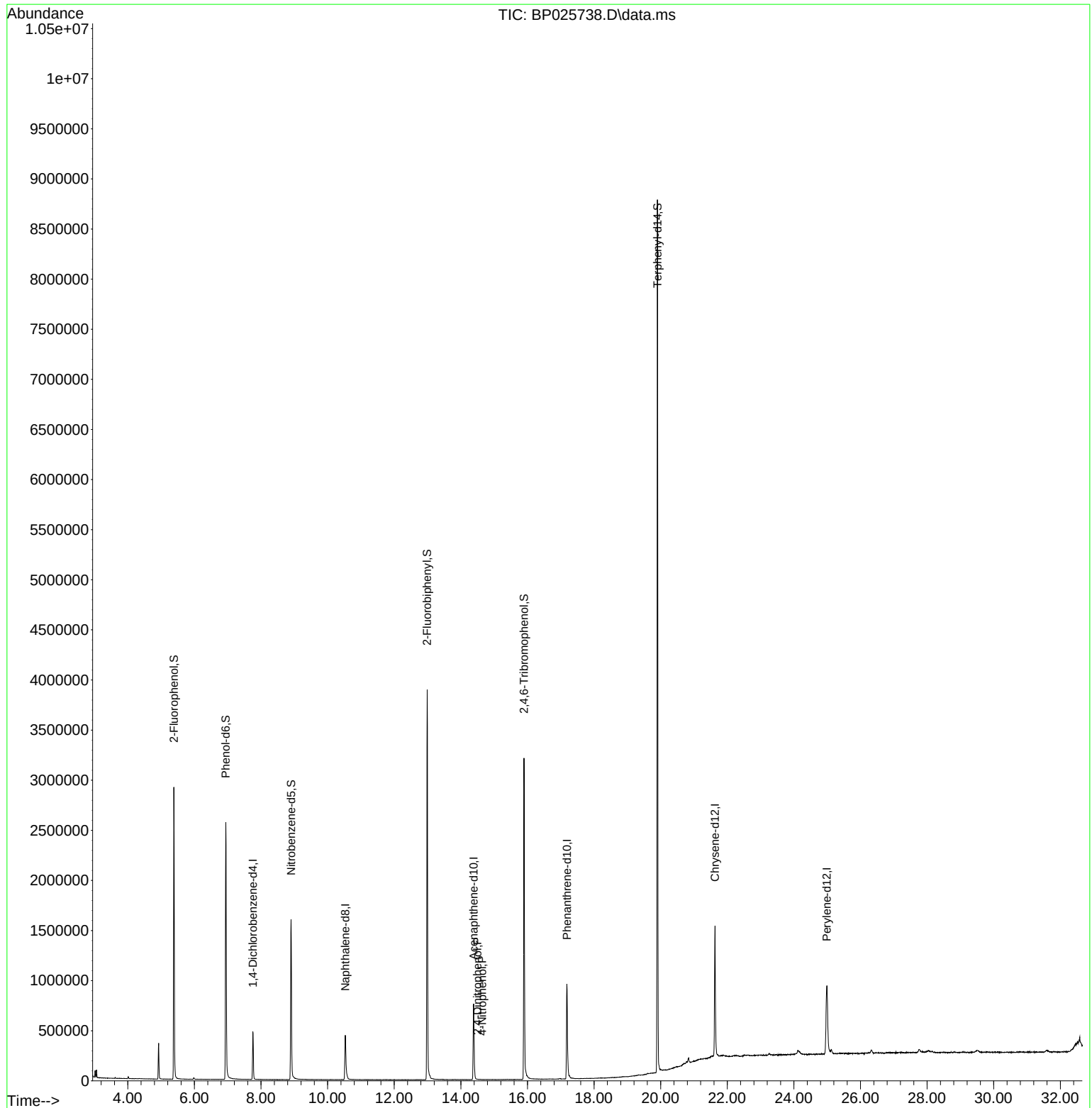
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	134397	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	523685	20.000	ng	0.00
39) Acenaphthene-d10	14.384	164	355580	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	796414	20.000	ng	0.00
76) Chrysene-d12	21.630	240	898523	20.000	ng	-0.01
86) Perylene-d12	24.989	264	907245	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1211915	145.501	ng	0.00
7) Phenol-d6	6.943	99	1556220	140.566	ng	0.00
23) Nitrobenzene-d5	8.902	82	1017127	85.675	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	644301	145.271	ng	-0.01
45) 2-Fluorobiphenyl	12.990	172	2244013	84.029	ng	0.00
79) Terphenyl-d14	19.901	244	4331543	86.724	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.496	184	13	4.828	ng	# 24
56) 4-Nitrophenol	14.637	139	8	4.484	ng	# 1

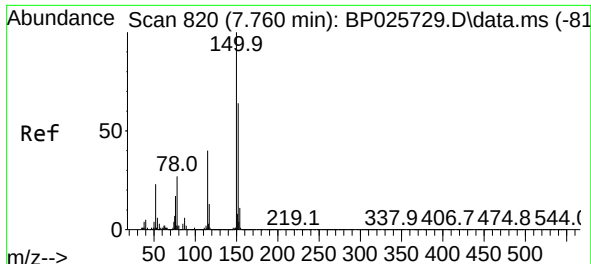
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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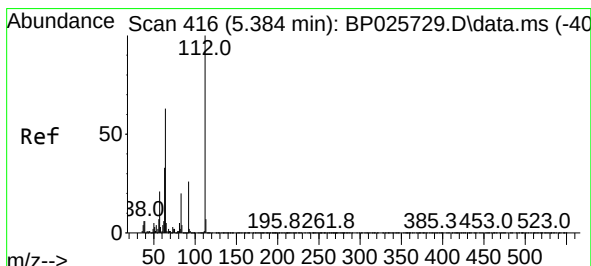
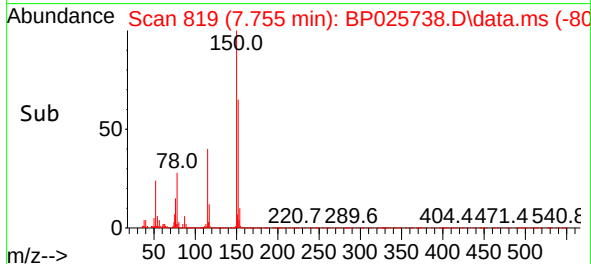
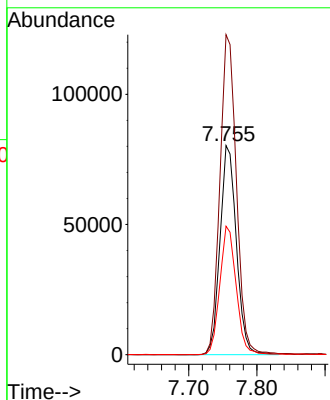
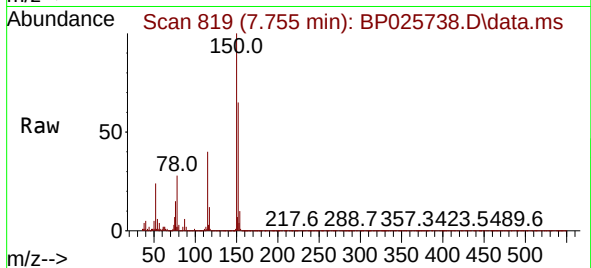




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 819
Delta R.T. -0.005 min
Lab File: BP025738.D
Acq: 12 Sep 2025 11:05

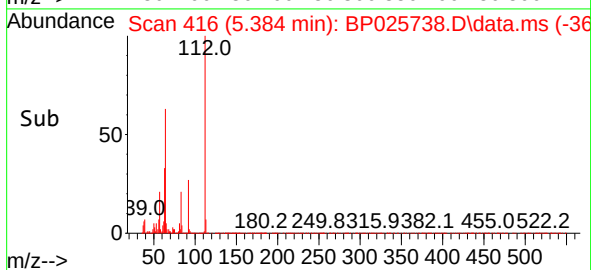
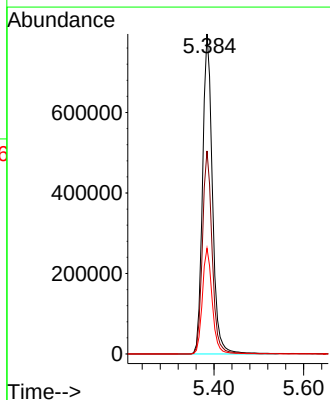
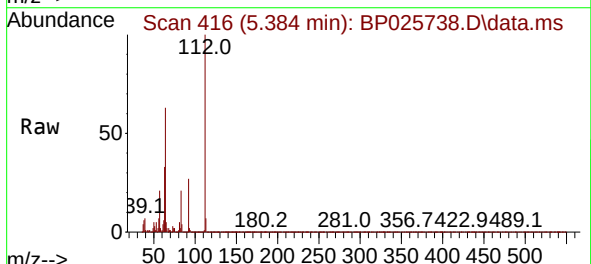
Instrument :
BNA_P
ClientSampleId :
PB169490BL

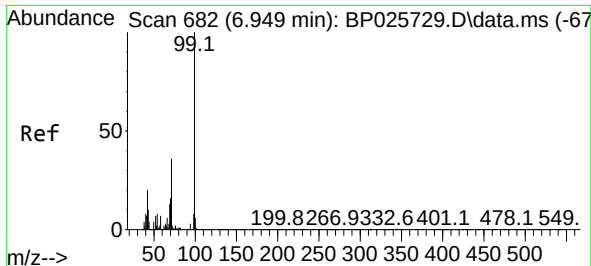
Tgt Ion:152 Resp: 134397
Ion Ratio Lower Upper
152 100
150 153.0 124.3 186.5
115 61.4 50.3 75.5



#5
2-Fluorophenol
Concen: 145.501 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025738.D
Acq: 12 Sep 2025 11:05

Tgt Ion:112 Resp: 1211915
Ion Ratio Lower Upper
112 100
64 63.4 50.2 75.4
63 33.0 26.7 40.1

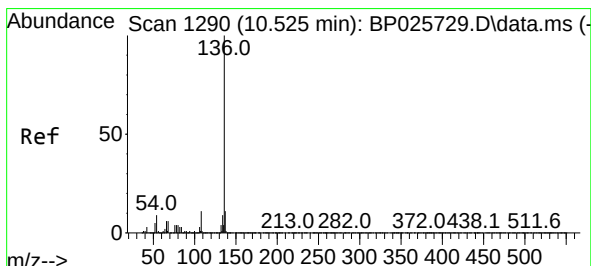
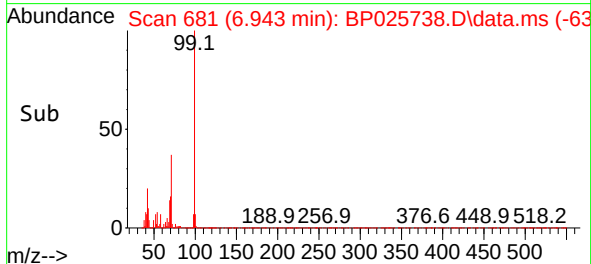
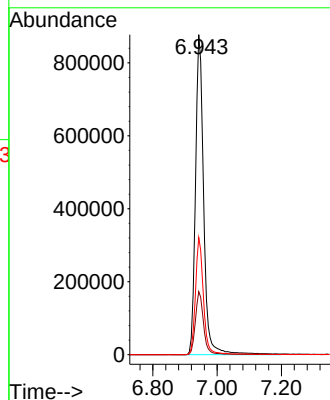
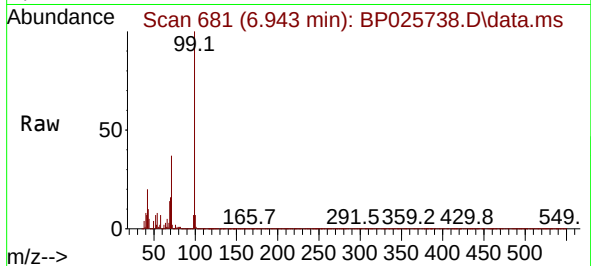




#7
Phenol-d6
Concen: 140.566 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025738.D
Acq: 12 Sep 2025 11:05

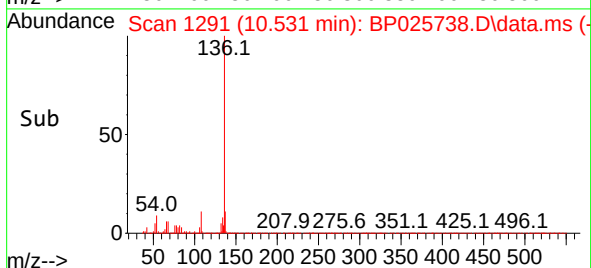
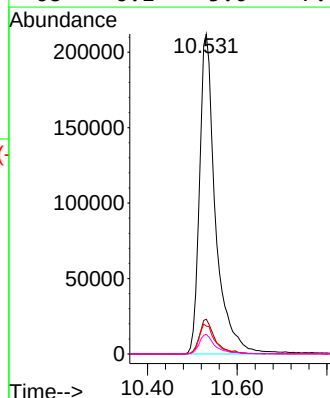
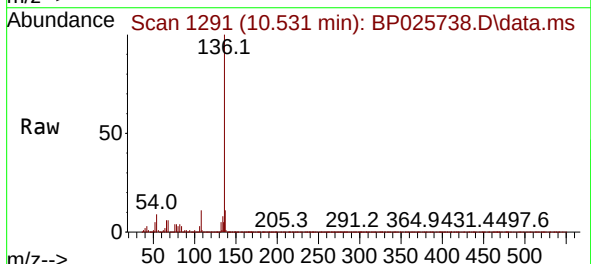
Instrument :
BNA_P
ClientSampleId :
PB169490BL

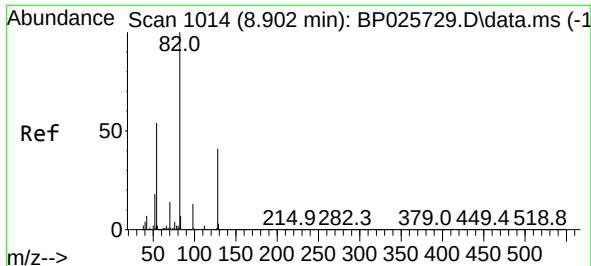
Tgt Ion: 99 Resp: 1556220
Ion Ratio Lower Upper
99 100
42 19.7 15.6 23.4
71 36.6 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP025738.D
Acq: 12 Sep 2025 11:05

Tgt Ion:136 Resp: 523685
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.6 7.5 11.3
68 6.1 5.0 7.6

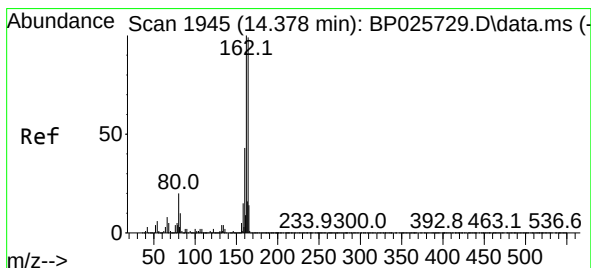
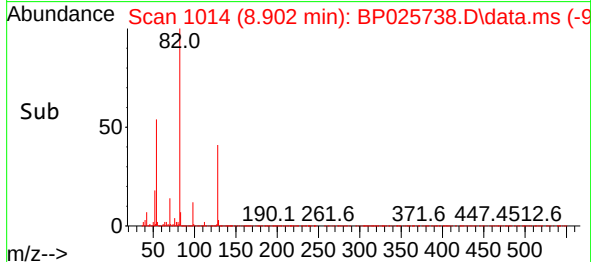
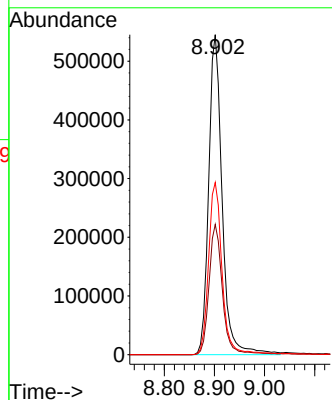
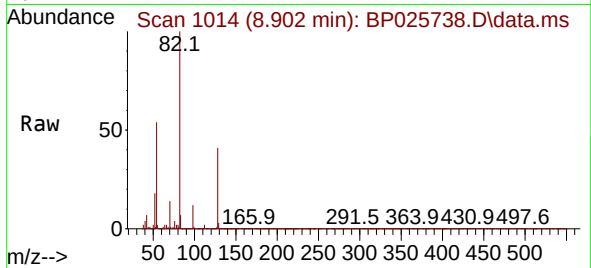




#23
 Nitrobenzene-d5
 Concen: 85.675 ng
 RT: 8.902 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: BP025738.D
 Acq: 12 Sep 2025 11:05

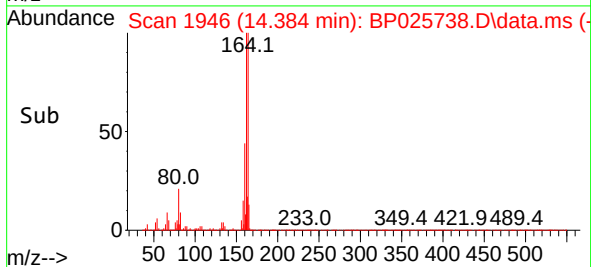
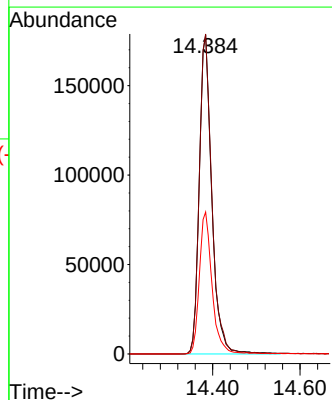
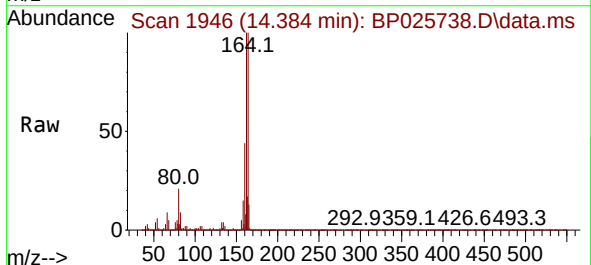
Instrument :
 BNA_P
 ClientSampleId :
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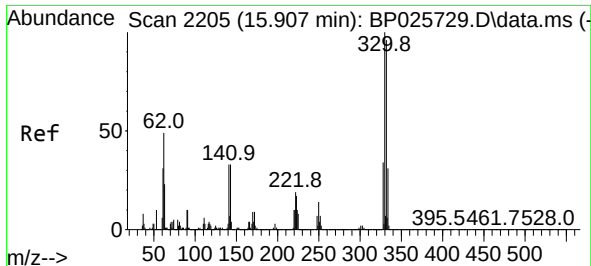
Tgt Ion: 82 Resp: 1017127
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.9 49.3
 54 53.8 43.4 65.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.384 min Scan# 1946
 Delta R.T. 0.006 min
 Lab File: BP025738.D
 Acq: 12 Sep 2025 11:05

Tgt Ion:164 Resp: 355580
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.6 120.8
 160 44.5 35.0 52.6

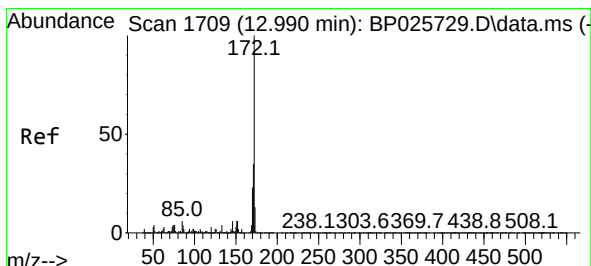
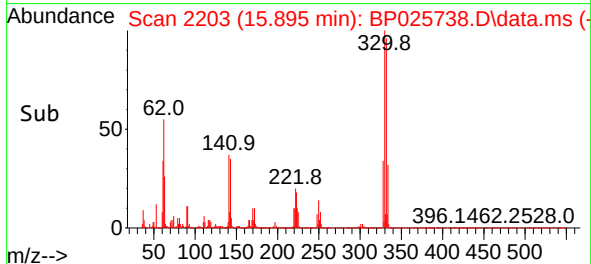
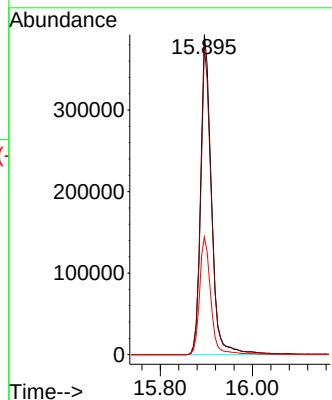
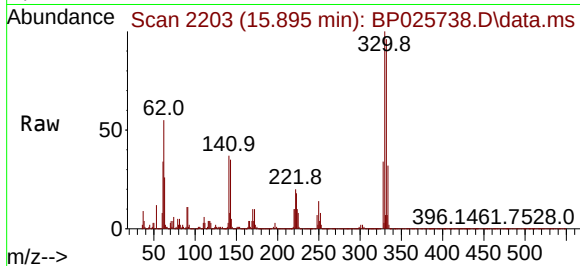




#42
2,4,6-Tribromophenol
Concen: 145.271 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025738.D
Acq: 12 Sep 2025 11:05

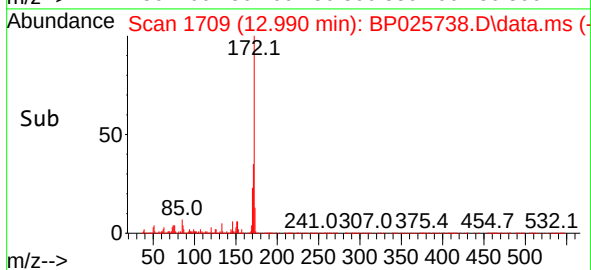
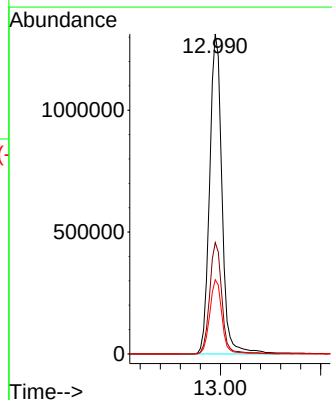
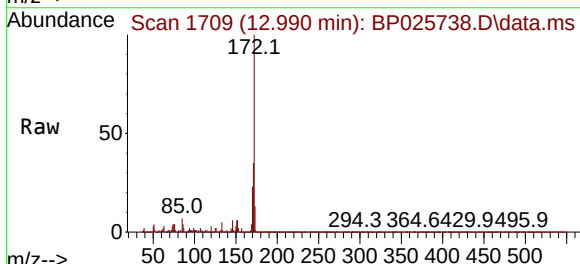
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BNA_P
ClientSampleId :
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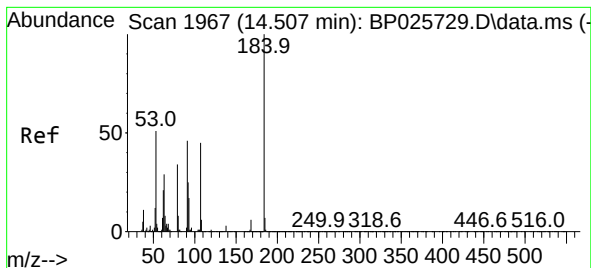
Tgt Ion:330 Resp: 644301
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 38.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 84.029 ng
RT: 12.990 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP025738.D
Acq: 12 Sep 2025 11:05

Tgt Ion:172 Resp: 2244013
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.6 27.8

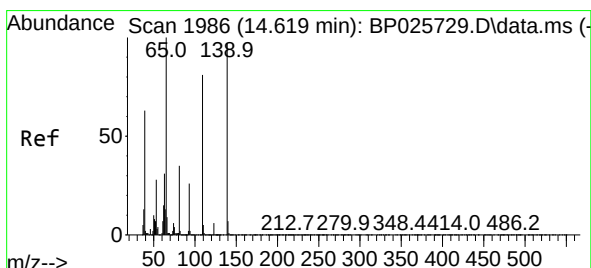
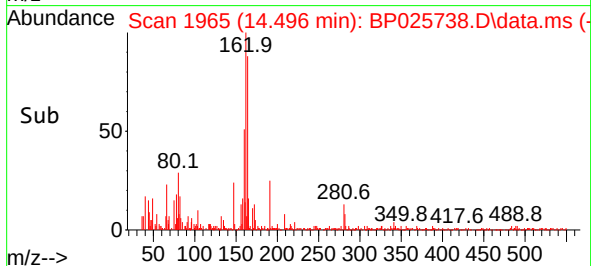
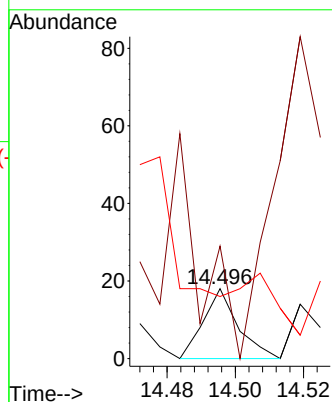
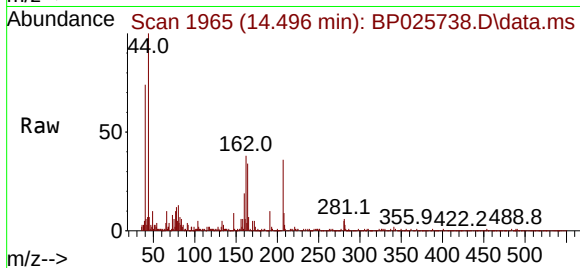




#54
2,4-Dinitrophenol
Concen: 4.828 ng
RT: 14.496 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BP025738.D
Acq: 12 Sep 2025 11:05

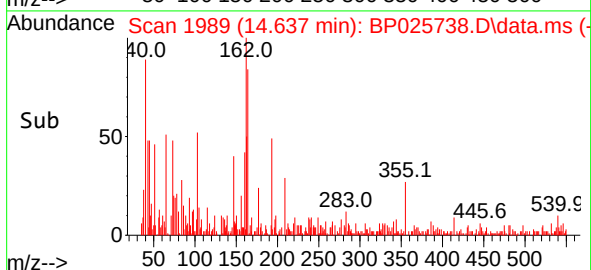
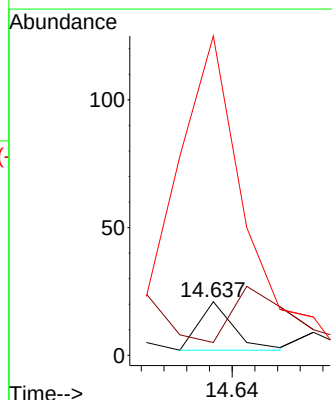
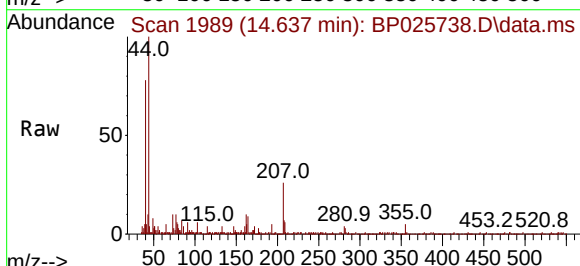
Instrument :
BNA_P
ClientSampleId :
PB169490BL

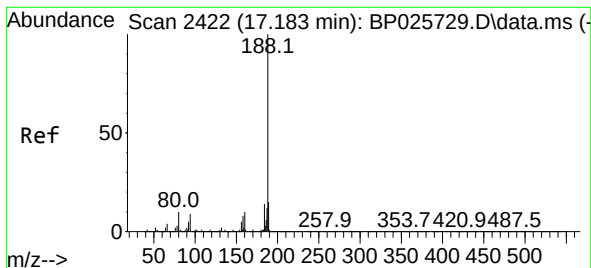
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 161.1 52.5 78.7#
154 88.9 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.484 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.018 min
Lab File: BP025738.D
Acq: 12 Sep 2025 11:05

Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 57.1 62.9 102.9#
65 595.2 83.4 123.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.184 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BP025738.D

Acq: 12 Sep 2025 11:05

Instrument :

BNA_P

ClientSampleId :

PB169490BL

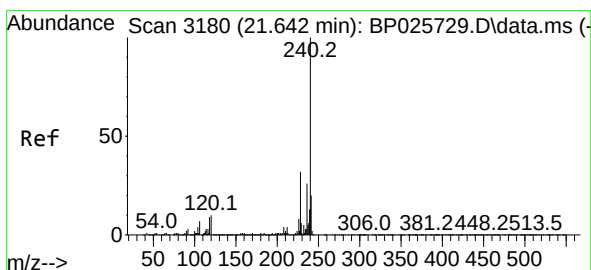
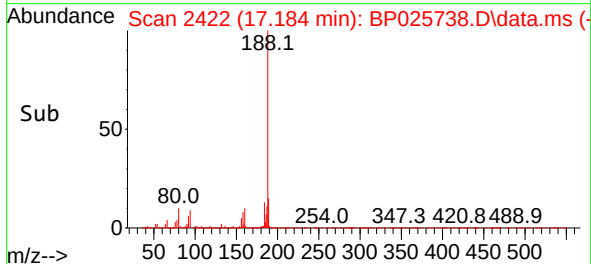
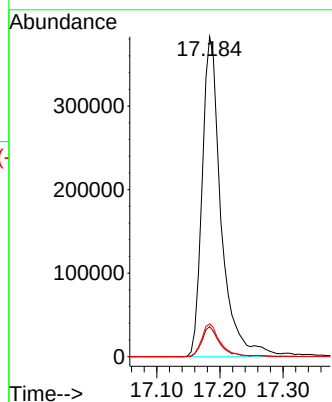
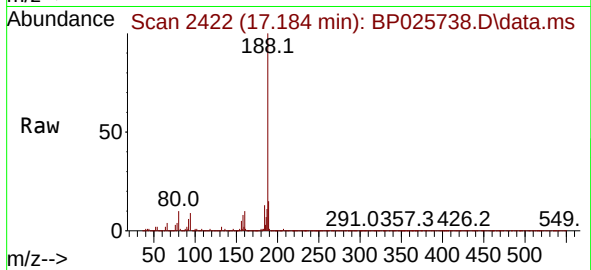
Tgt Ion:188 Resp: 796414

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

80 10.2 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: BP025738.D

Acq: 12 Sep 2025 11:05

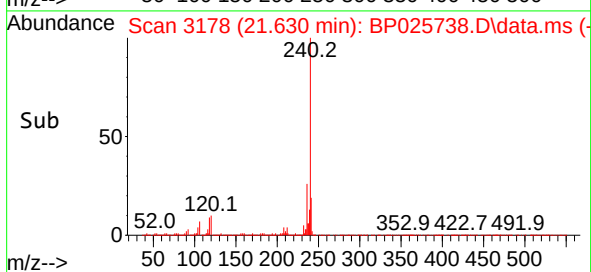
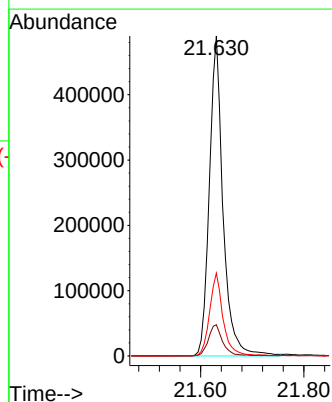
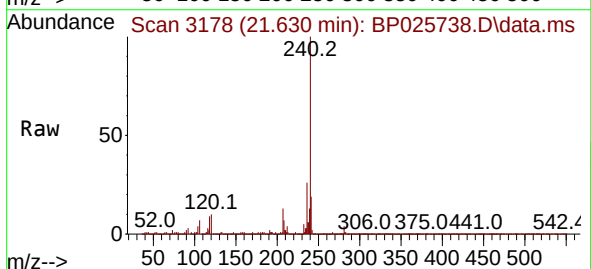
Tgt Ion:240 Resp: 898523

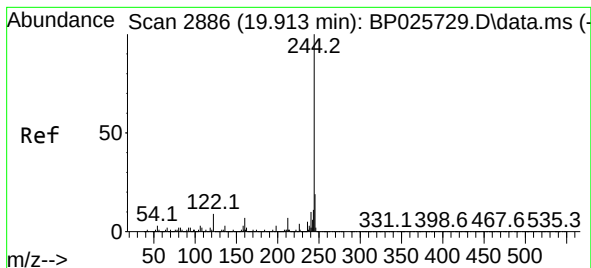
Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 86.724 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025738.D

Acq: 12 Sep 2025 11:05

Instrument :

BNA_P

ClientSampleId :

PB169490BL

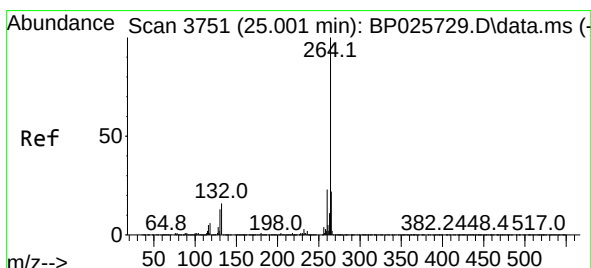
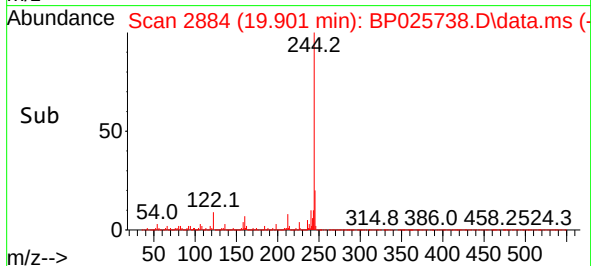
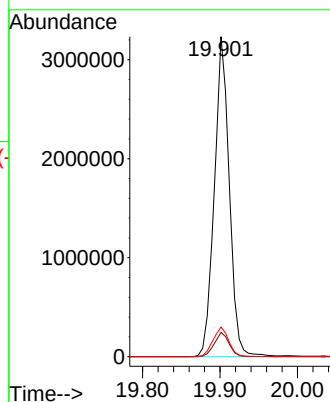
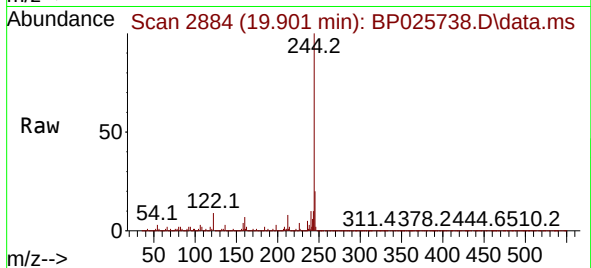
Tgt Ion:244 Resp: 4331543

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 9.3 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: BP025738.D

Acq: 12 Sep 2025 11:05

Tgt Ion:264 Resp: 907245

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.1 17.3 25.9

