

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
 Data File : BP025788.D
 Acq On : 18 Sep 2025 19:28
 Operator : CG/JU
 Sample : PB169718BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 03:56:15 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)

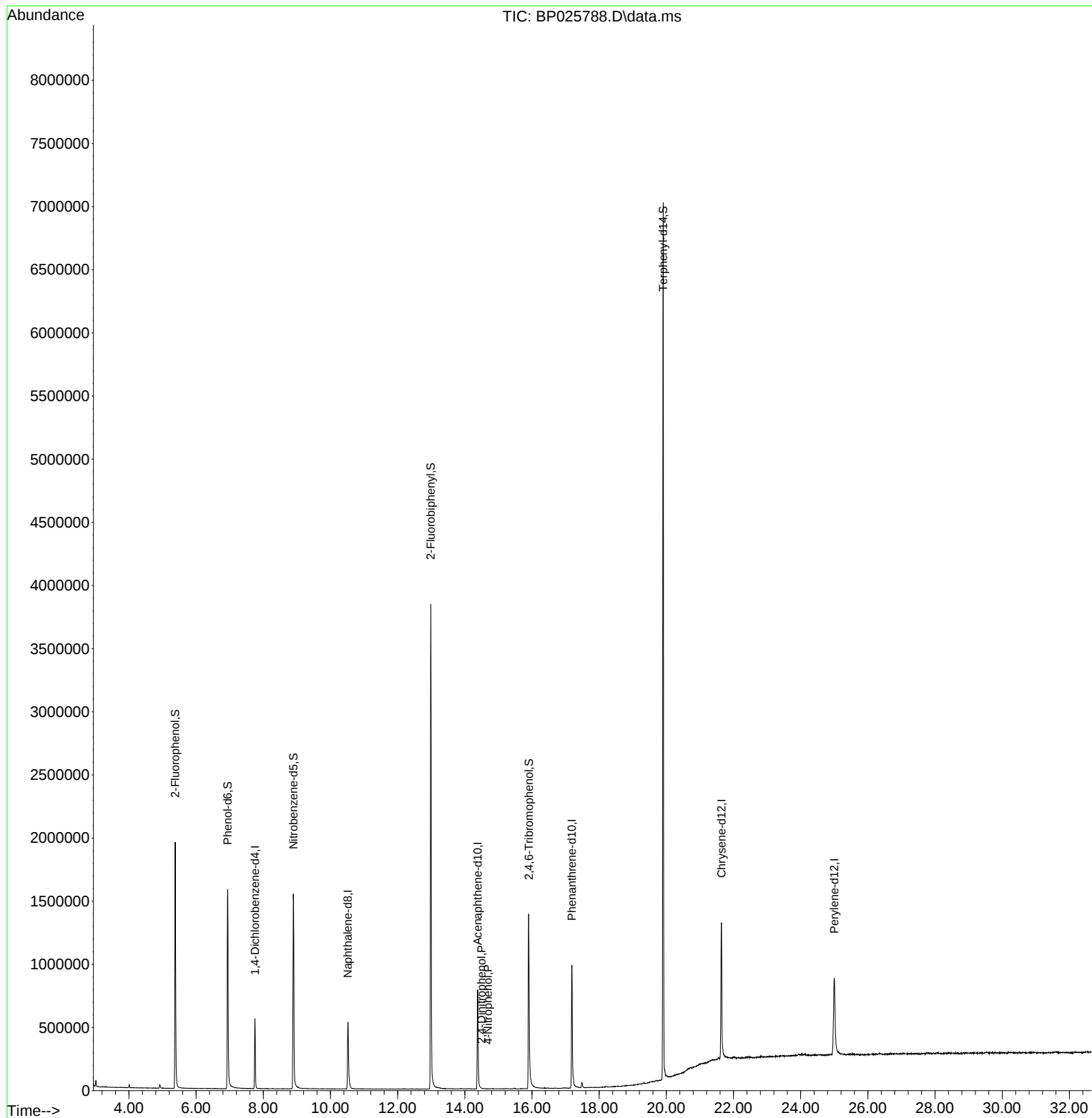
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	153939	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	582617	20.000	ng	0.00
39) Acenaphthene-d10	14.383	164	356809	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	727748	20.000	ng	0.00
76) Chrysene-d12	21.642	240	788823	20.000	ng	0.00
86) Perylene-d12	25.000	264	800132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	866352	90.809	ng	0.00
7) Phenol-d6	6.943	99	1054979	83.194	ng	0.00
23) Nitrobenzene-d5	8.895	82	1050320	79.522	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	341536	76.741	ng	0.00
45) 2-Fluorobiphenyl	12.989	172	2212511	82.564	ng	0.00
79) Terphenyl-d14	19.907	244	3584883	81.757	ng	0.00
Target Compounds						
54) 2,4-Dinitrophenol	14.501	184	21	4.830	ng	# 1
56) 4-Nitrophenol	14.689	139	47	4.491	ng	# 3

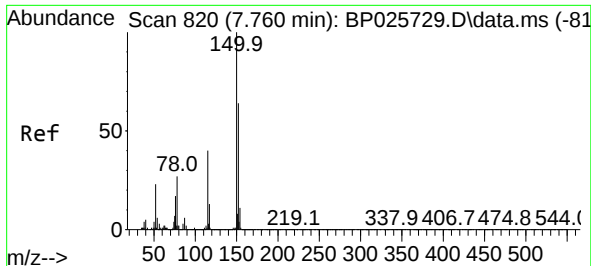
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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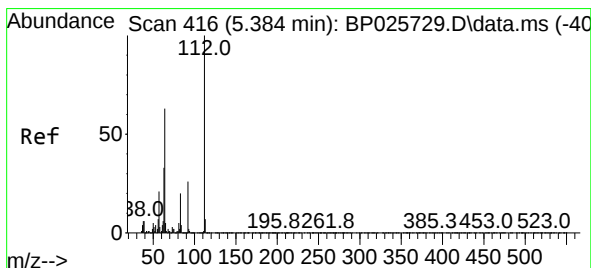
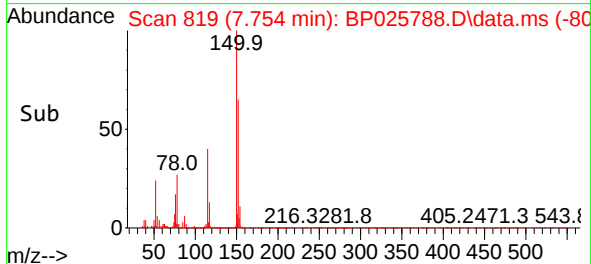
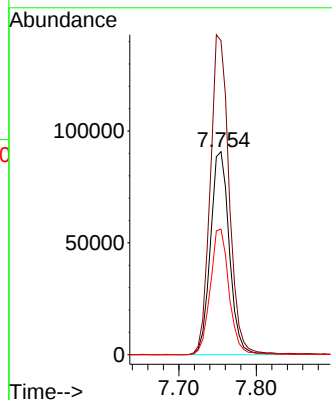
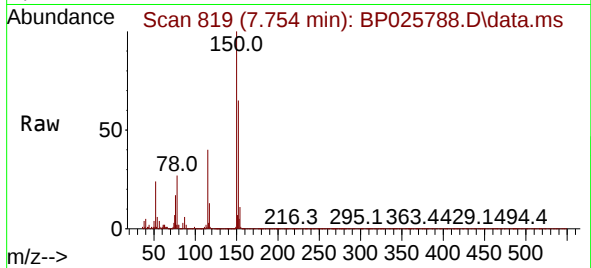




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

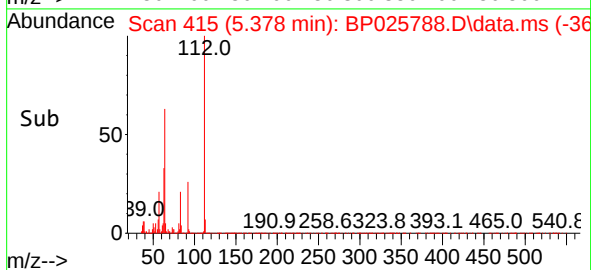
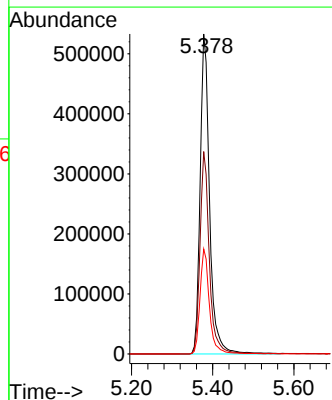
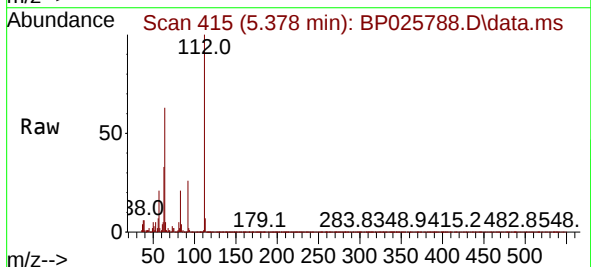
Instrument :
BNA_P
ClientSampleId :

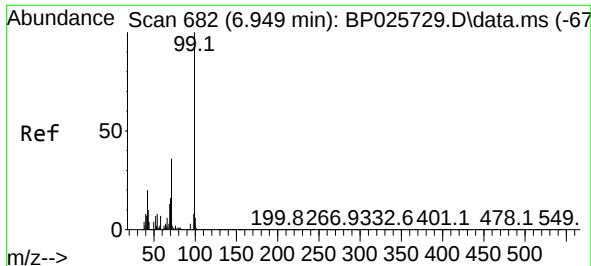
Tgt Ion:152 Resp: 153939
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 61.9 50.3 75.5



#5
2-Fluorophenol
Concen: 90.809 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

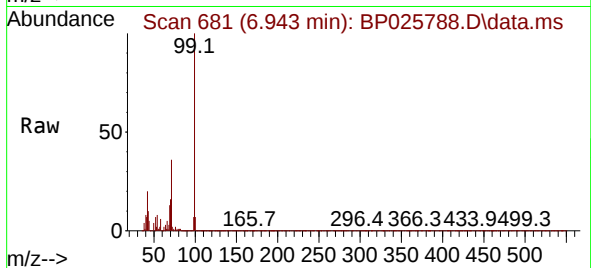
Tgt Ion:112 Resp: 866352
Ion Ratio Lower Upper
112 100
64 63.3 50.2 75.4
63 32.8 26.7 40.1



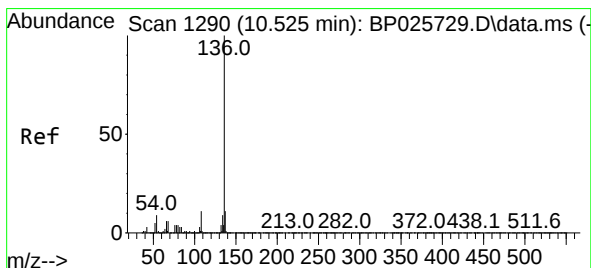
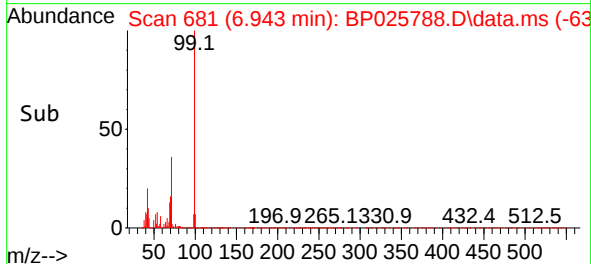
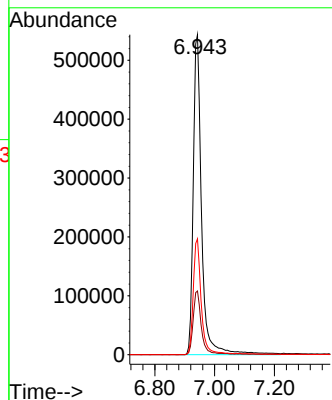


#7
Phenol-d6
Concen: 83.194 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Instrument :
BNA_P
ClientSampleId :

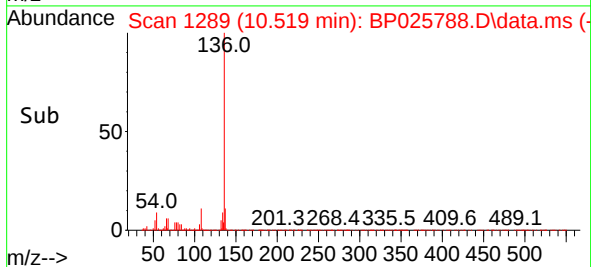
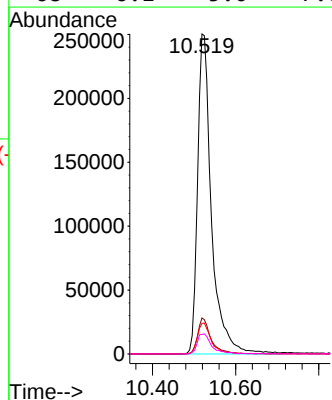
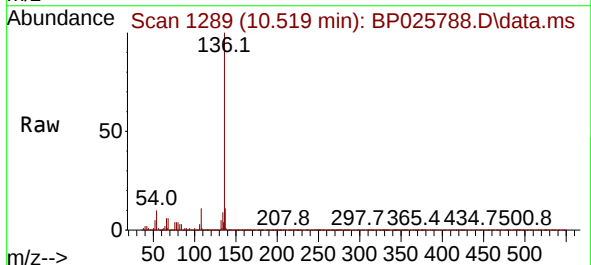


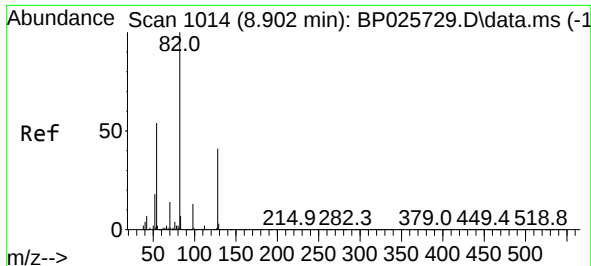
Tgt Ion: 99 Resp: 1054979
Ion Ratio Lower Upper
99 100
42 19.9 15.6 23.4
71 36.2 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Tgt Ion:136 Resp: 582617
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.5 7.5 11.3
68 6.1 5.0 7.6

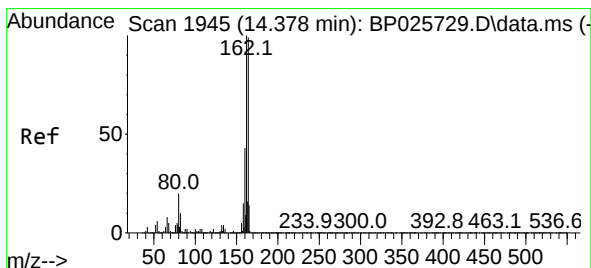
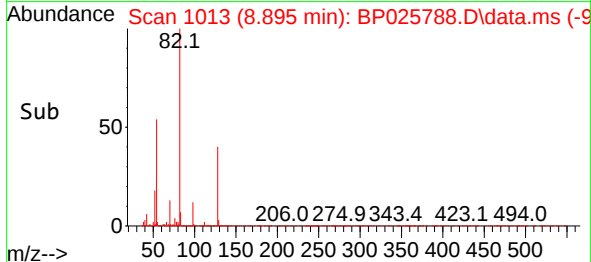
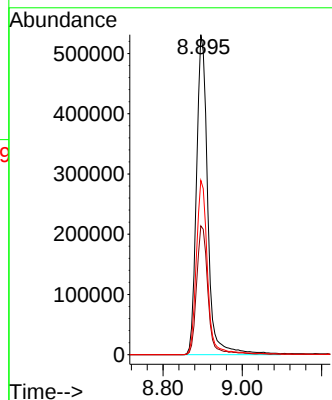
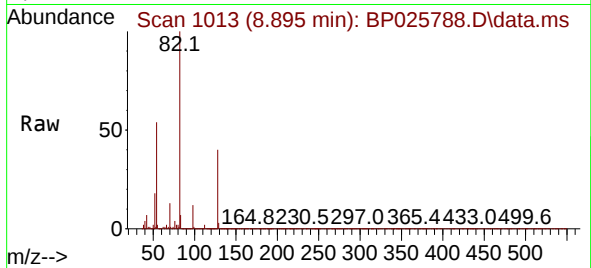




#23
 Nitrobenzene-d5
 Concen: 79.522 ng
 RT: 8.895 min Scan# 1014
 Delta R.T. -0.006 min
 Lab File: BP025788.D
 Acq: 18 Sep 2025 19:28

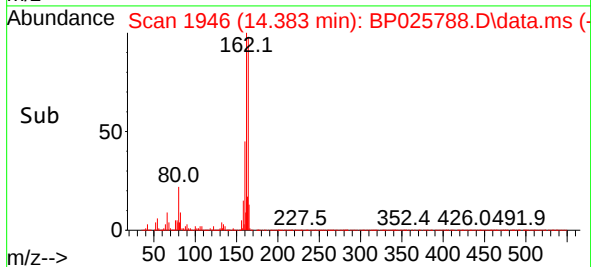
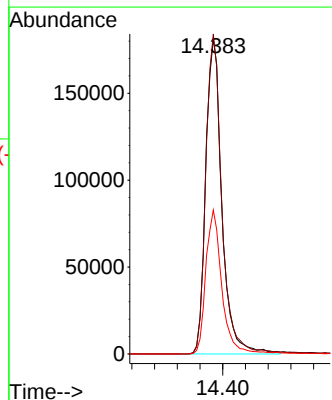
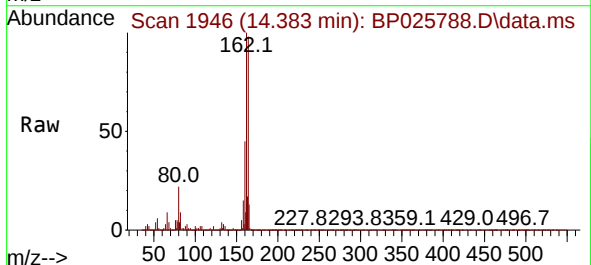
Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 82 Resp: 1050320
 Ion Ratio Lower Upper
 82 100
 128 40.2 32.9 49.3
 54 54.5 43.4 65.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.383 min Scan# 1946
 Delta R.T. 0.006 min
 Lab File: BP025788.D
 Acq: 18 Sep 2025 19:28

Tgt Ion: 164 Resp: 356809
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.6 120.8
 160 45.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 76.741 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.000 min

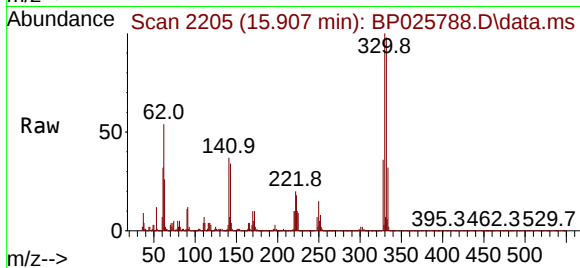
Lab File: BP025788.D

Acq: 18 Sep 2025 19:28

Instrument :

BNA_P

ClientSampleId :



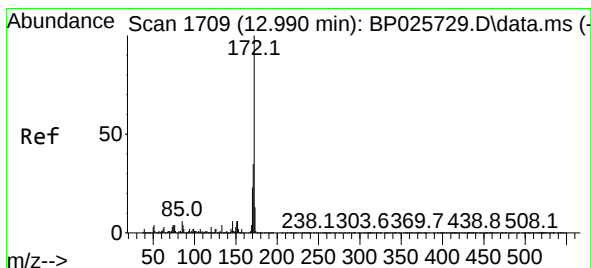
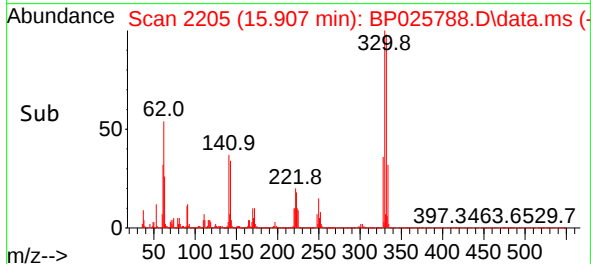
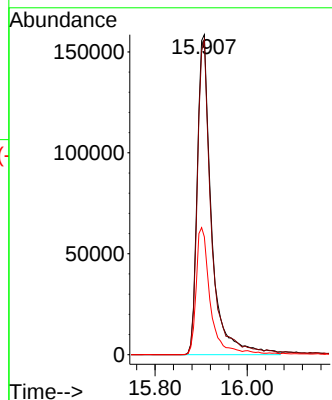
Tgt Ion:330 Resp: 341536

Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

141 38.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 82.564 ng

RT: 12.989 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BP025788.D

Acq: 18 Sep 2025 19:28

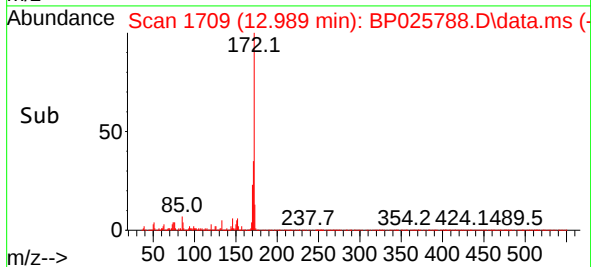
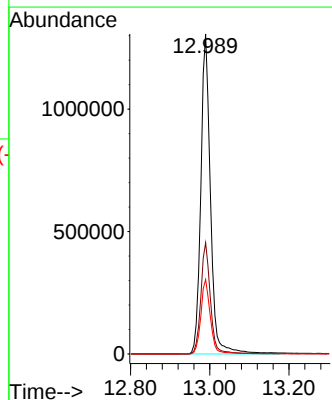
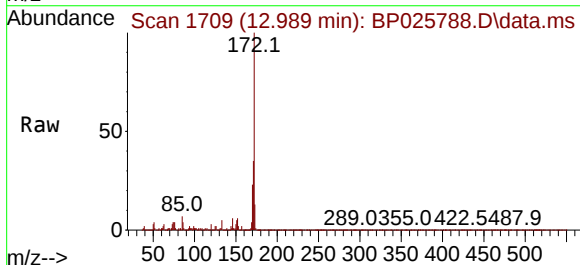
Tgt Ion:172 Resp: 2212511

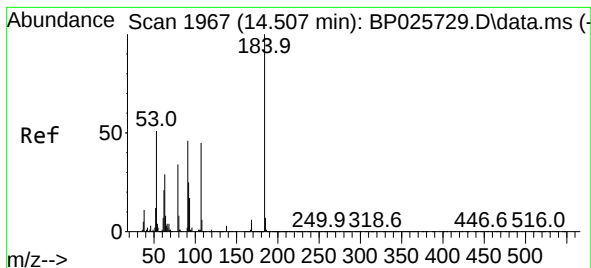
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.3 18.6 27.8

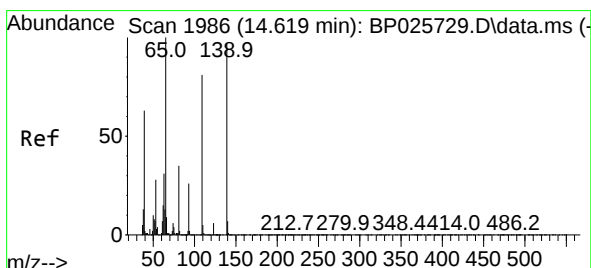
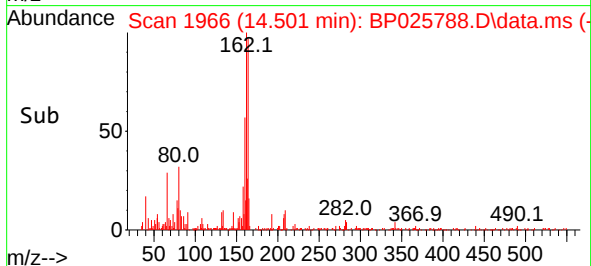
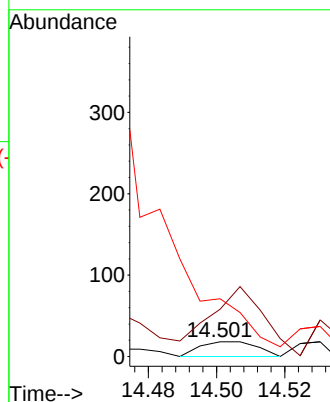
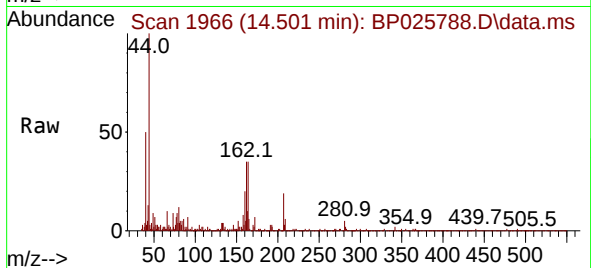




#54
2,4-Dinitrophenol
Concen: 4.830 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

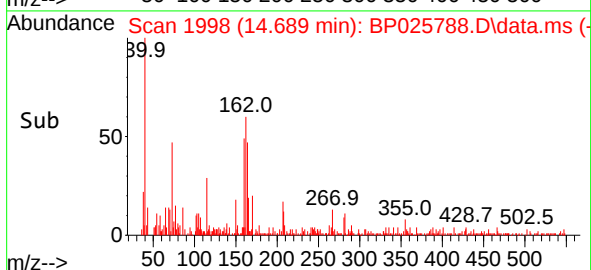
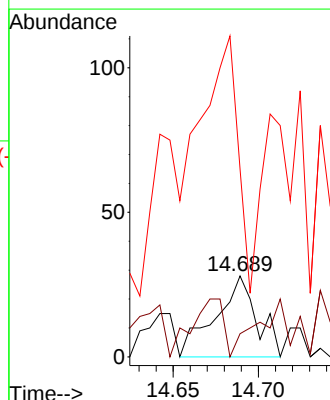
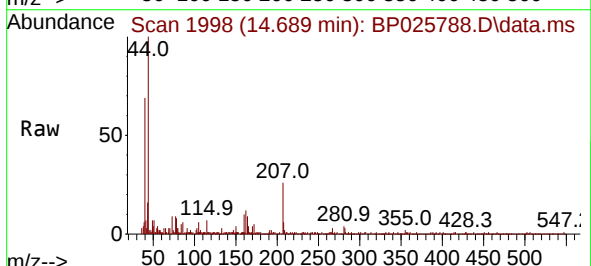
Instrument :
BNA_P
ClientSampleId :

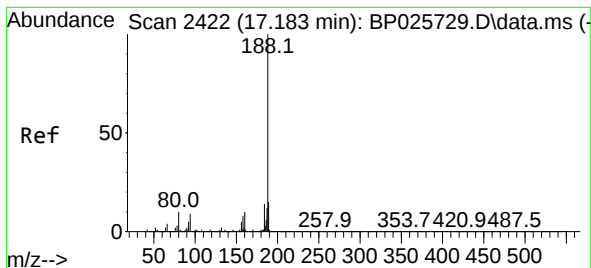
Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 322.2 52.5 78.7#
154 394.4 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.491 ng
RT: 14.689 min Scan# 1998
Delta R.T. 0.070 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Tgt Ion:139 Resp: 47
Ion Ratio Lower Upper
139 100
109 28.6 62.9 102.9#
65 232.1 83.4 123.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BP025788.D

Acq: 18 Sep 2025 19:28

Instrument :

BNA_P

ClientSampleId :

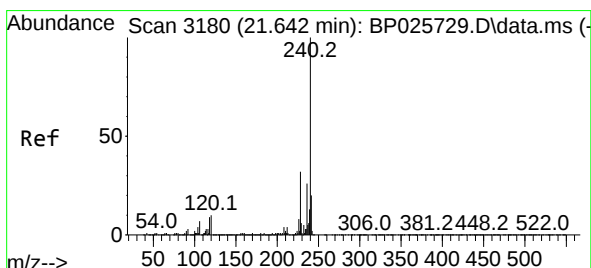
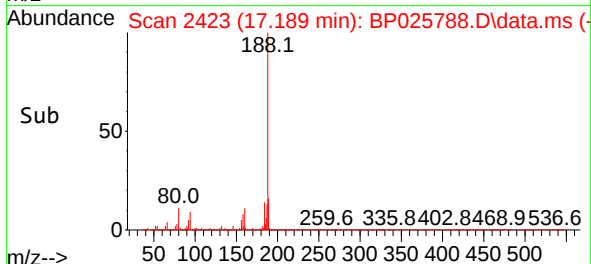
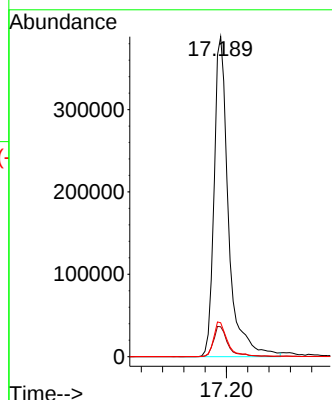
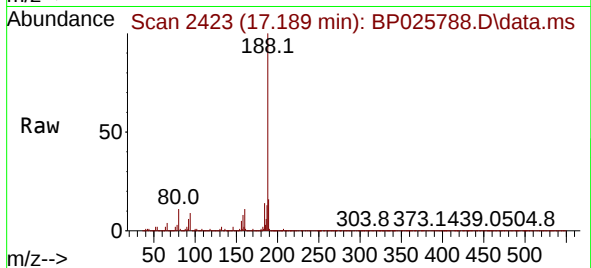
Tgt Ion:188 Resp: 727748

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.0

80 10.6 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.000 min

Lab File: BP025788.D

Acq: 18 Sep 2025 19:28

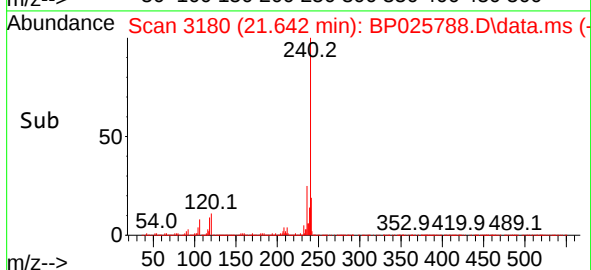
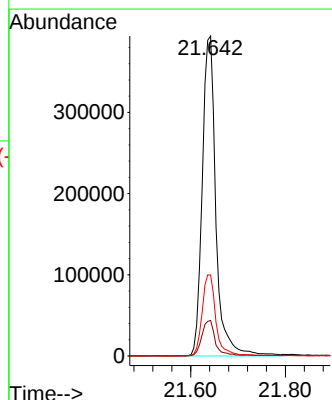
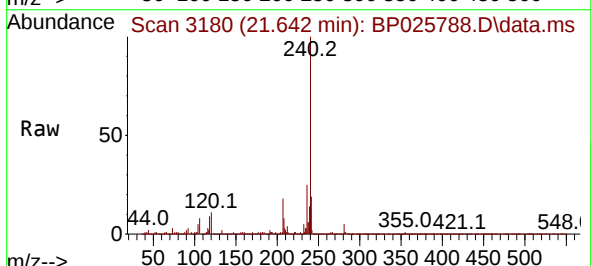
Tgt Ion:240 Resp: 788823

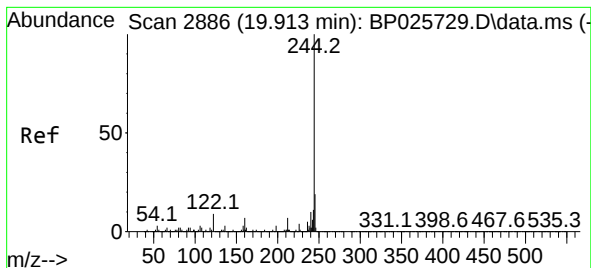
Ion Ratio Lower Upper

240 100

120 11.1 8.0 12.0

236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 81.757 ng

RT: 19.907 min Scan# 2885

Delta R.T. -0.006 min

Lab File: BP025788.D

Acq: 18 Sep 2025 19:28

Instrument :

BNA_P

ClientSampleId :

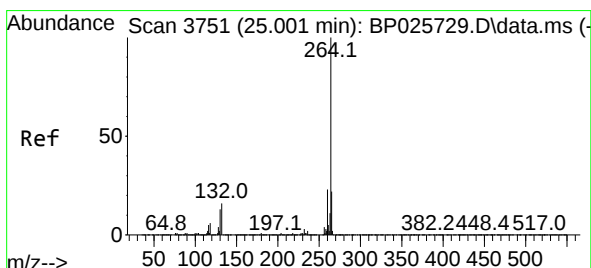
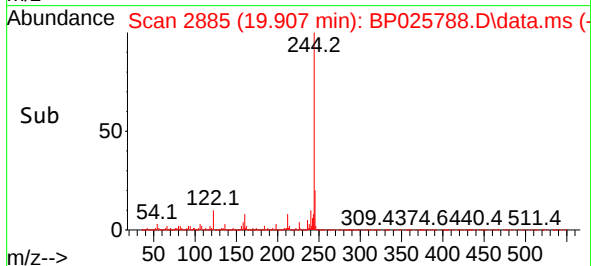
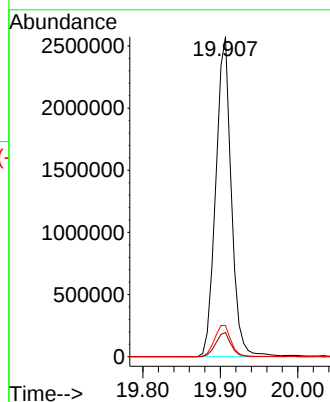
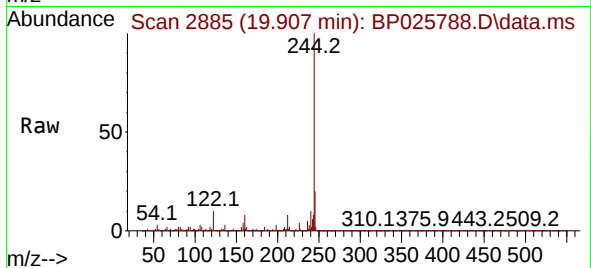
Tgt Ion:244 Resp: 3584883

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.8 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.000 min Scan# 3751

Delta R.T. -0.000 min

Lab File: BP025788.D

Acq: 18 Sep 2025 19:28

Tgt Ion:264 Resp: 800132

Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 22.6 17.3 25.9

