

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
 Data File : BP025789.D
 Acq On : 18 Sep 2025 20:09
 Operator : CG/JU
 Sample : PB169740BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 03:56:41 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)

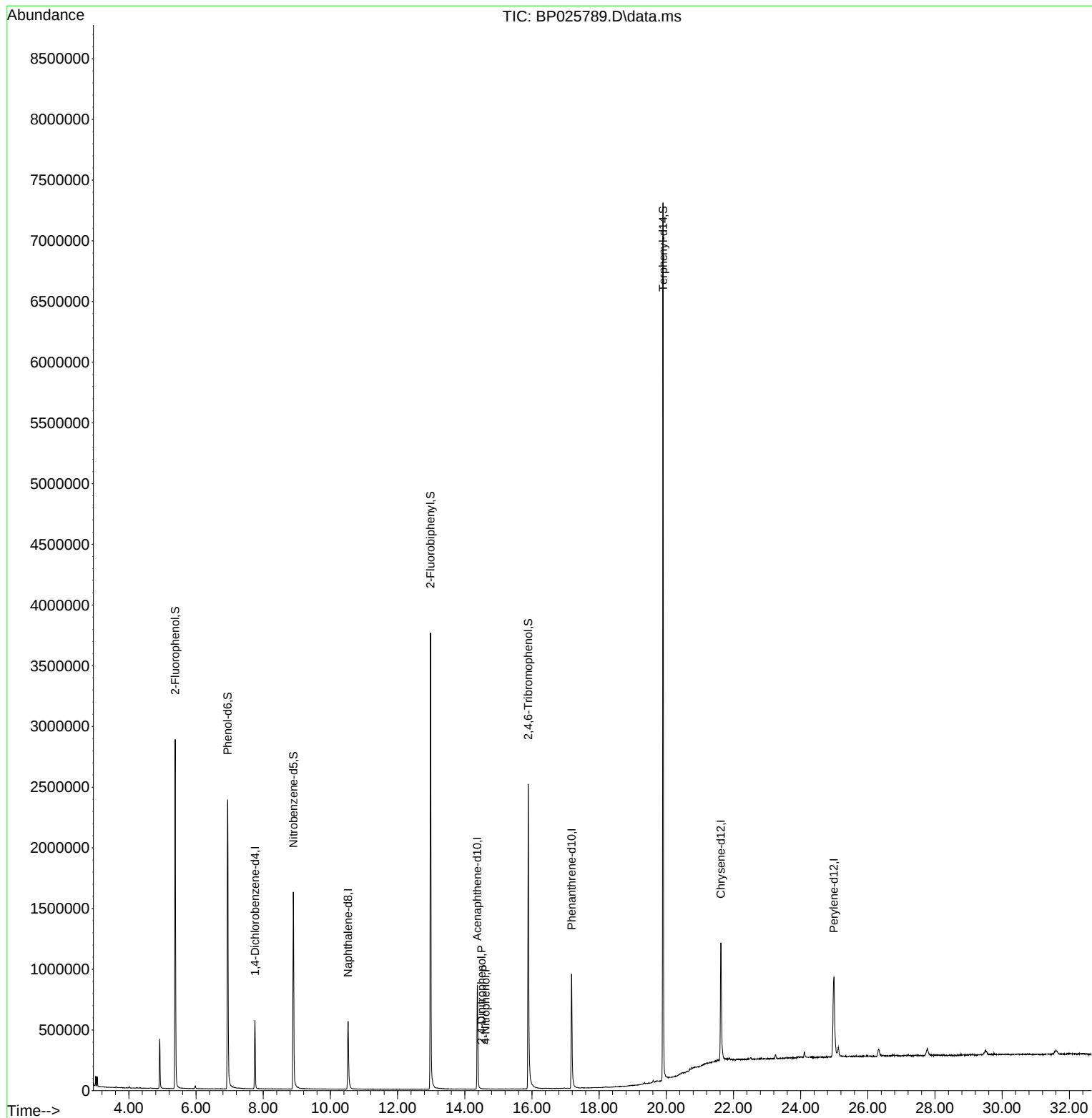
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	158050	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	586287	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	368174	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	773230	20.000	ng	0.00
76) Chrysene-d12	21.625	240	829372	20.000	ng	-0.02
86) Perylene-d12	24.989	264	866770	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1249187	127.531	ng	0.00
7) Phenol-d6	6.943	99	1532213	117.685	ng	0.00
23) Nitrobenzene-d5	8.896	82	1045780	78.682	ng	0.00
42) 2,4,6-Tribromophenol	15.890	330	538563	117.277	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	2176006	78.696	ng	-0.01
79) Terphenyl-d14	19.901	244	3598781	78.061	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.501	184	13	4.828	ng	# 32
56) 4-Nitrophenol	14.619	139	19	4.486	ng	# 67

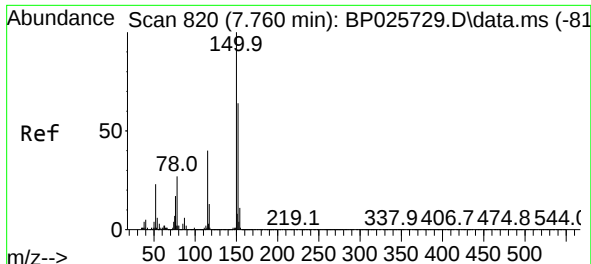
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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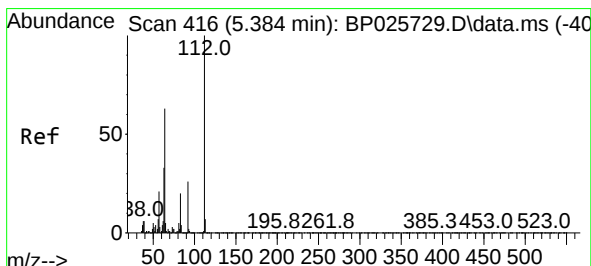
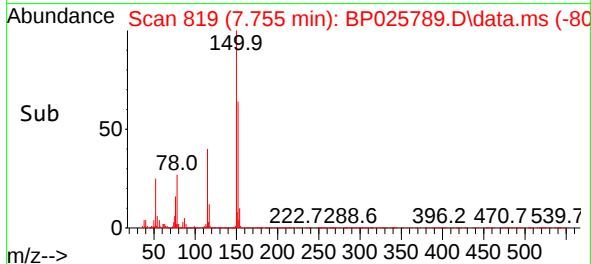
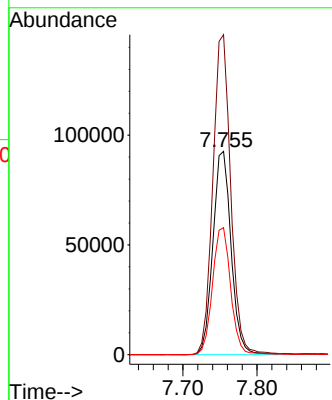
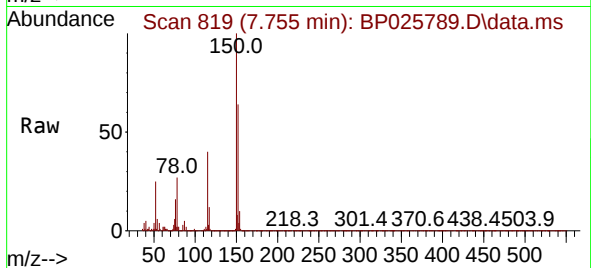




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

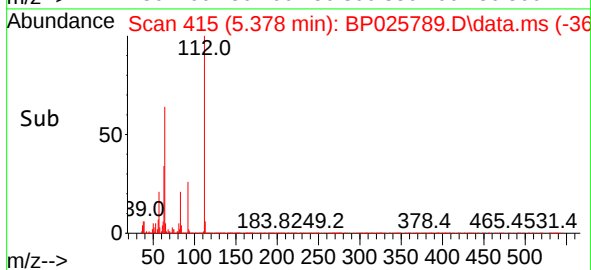
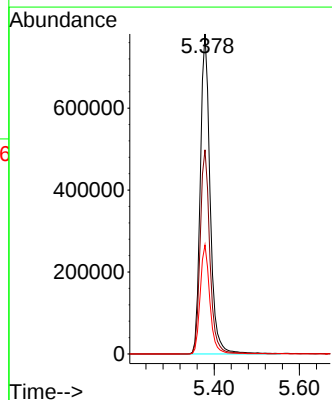
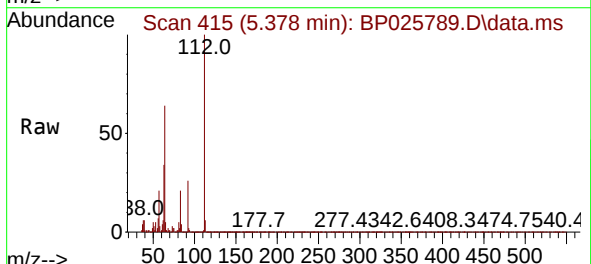
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 158050
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 62.5 50.3 75.5



#5
2-Fluorophenol
Concen: 127.531 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

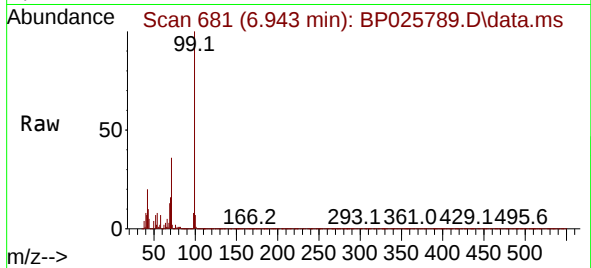
Tgt Ion:112 Resp: 1249187
Ion Ratio Lower Upper
112 100
64 63.8 50.2 75.4
63 34.0 26.7 40.1



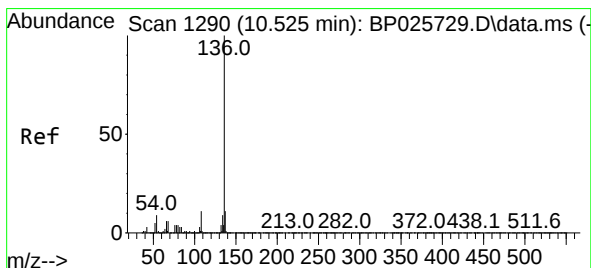
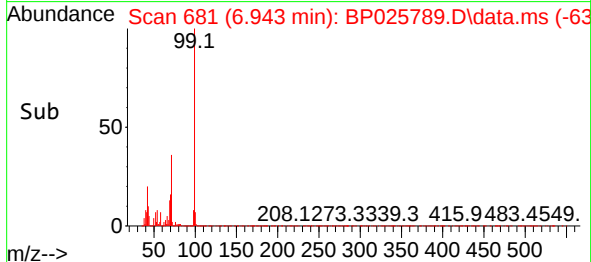
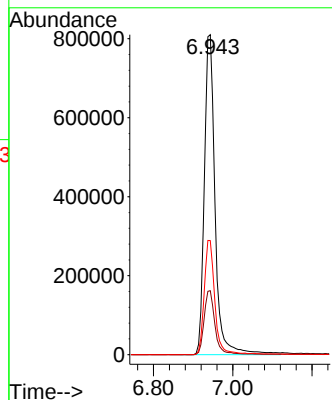


#7
Phenol-d6
Concen: 117.685 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

Instrument :
BNA_P
ClientSampleId :

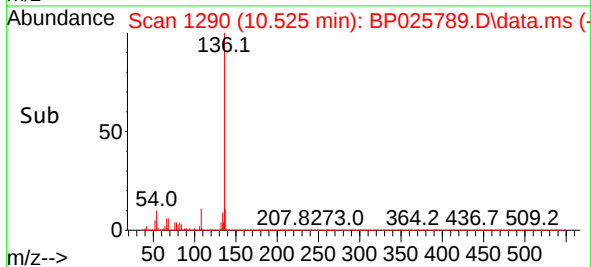
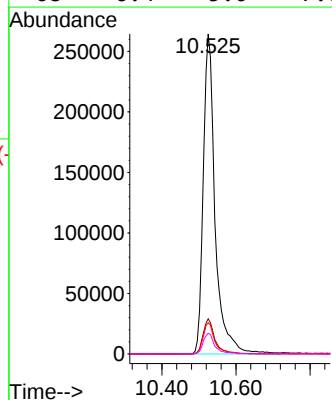
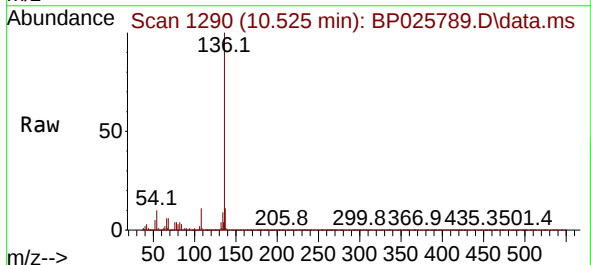


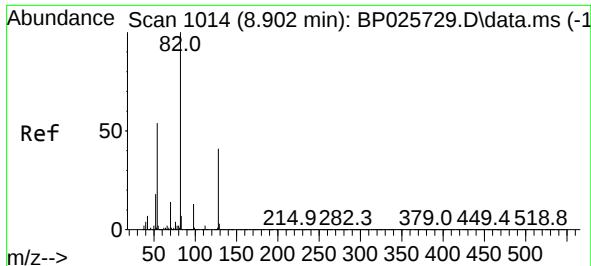
Tgt Ion: 99 Resp: 1532213
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 35.7 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

Tgt Ion:136 Resp: 586287
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.7 7.5 11.3
68 6.4 5.0 7.6

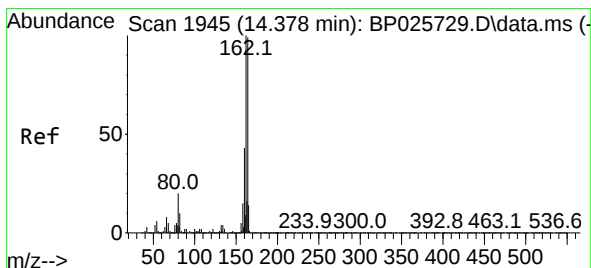
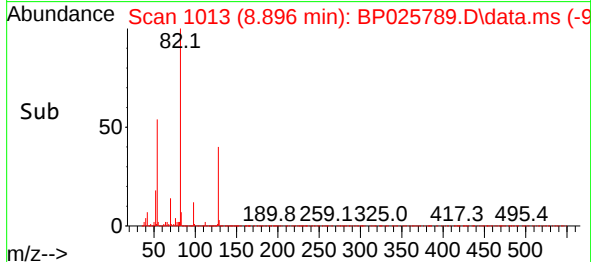
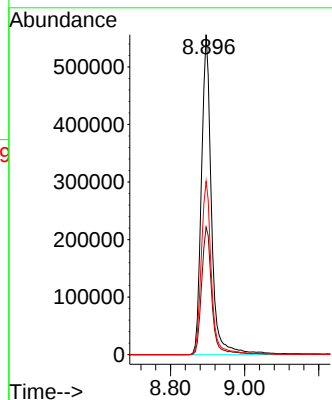
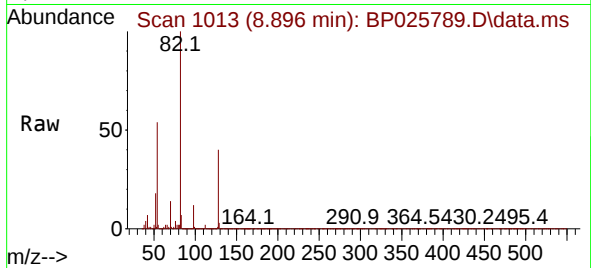




#23
Nitrobenzene-d5
Concen: 78.682 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

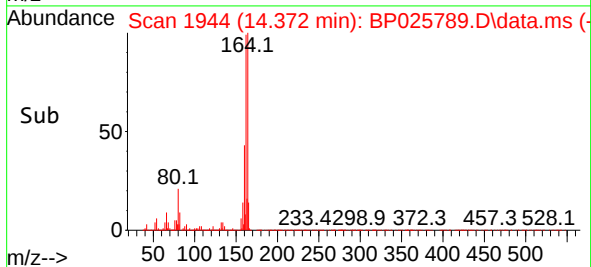
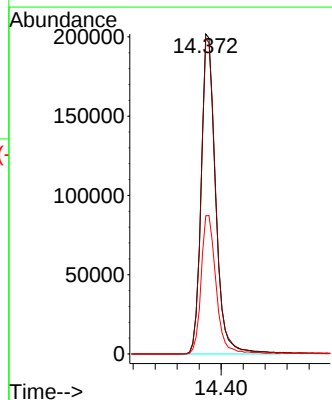
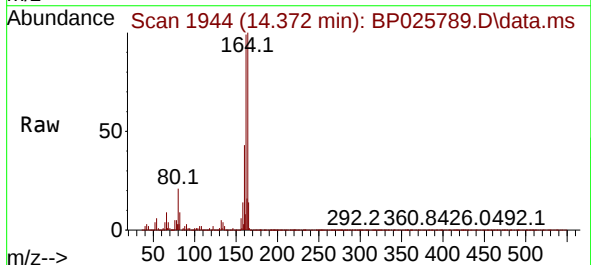
Instrument :
BNA_P
ClientSampleId :

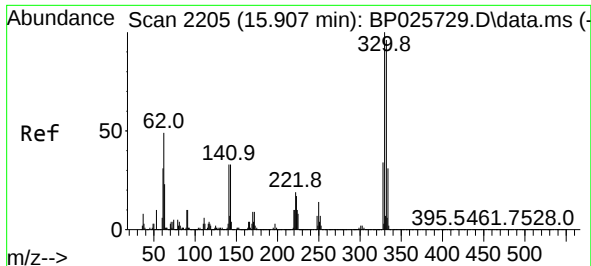
Tgt Ion: 82 Resp: 1045780
Ion Ratio Lower Upper
82 100
128 39.8 32.9 49.3
54 54.2 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

Tgt Ion:164 Resp: 368174
Ion Ratio Lower Upper
164 100
162 98.6 80.6 120.8
160 43.2 35.0 52.6

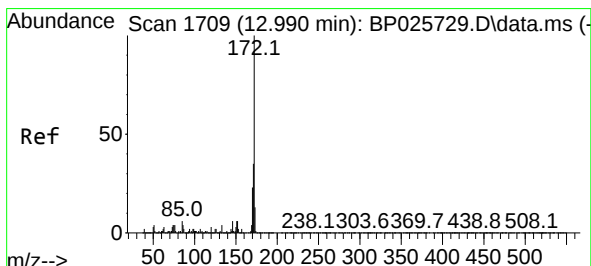
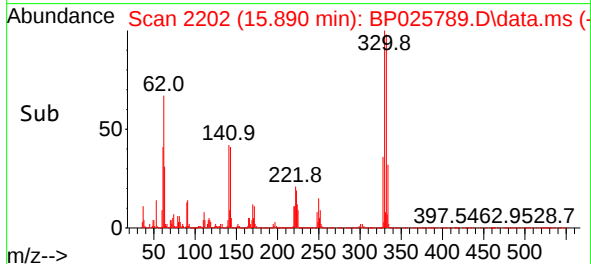
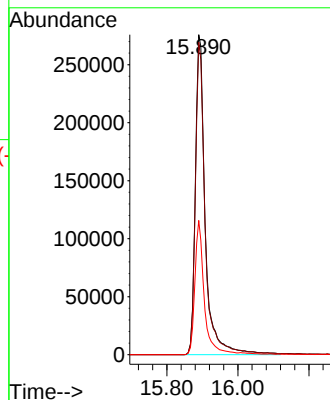
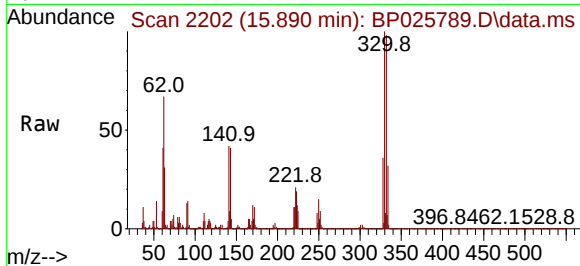




#42
2,4,6-Tribromophenol
Concen: 117.277 ng
RT: 15.890 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

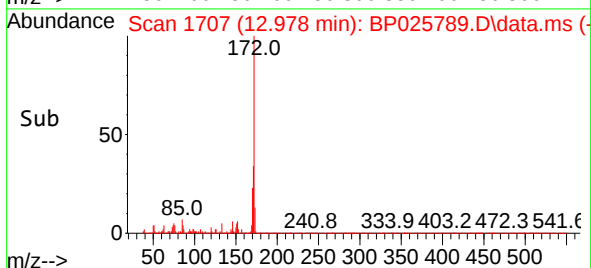
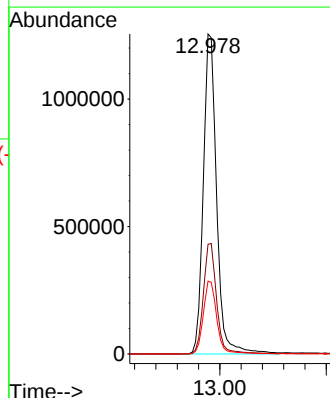
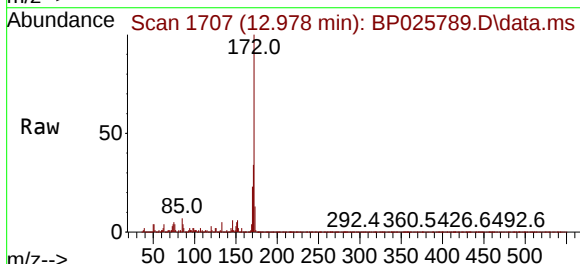
Instrument :
BNA_P
ClientSampleId :

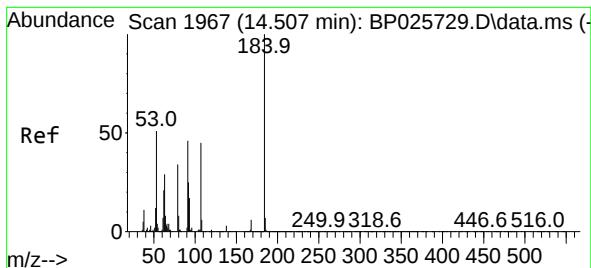
Tgt Ion:330 Resp: 538563
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 39.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 78.696 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

Tgt Ion:172 Resp: 2176006
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.8 18.6 27.8

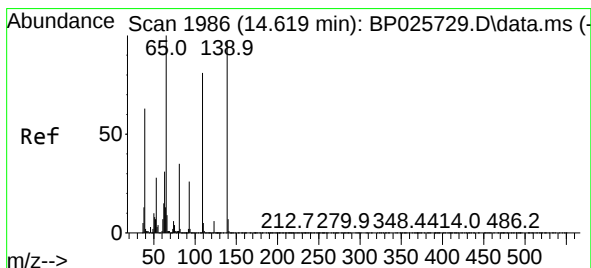
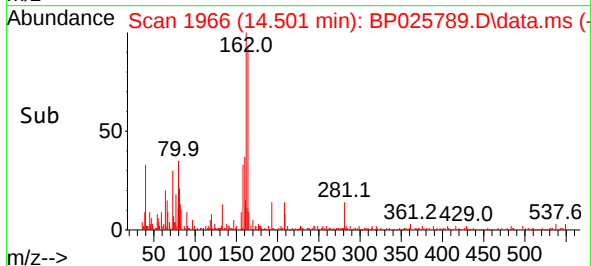
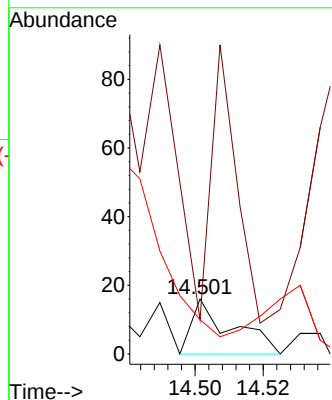
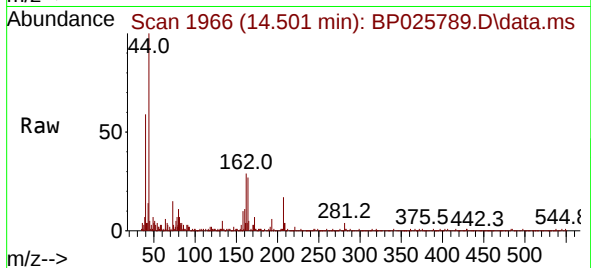




#54
2,4-Dinitrophenol
Concen: 4.828 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

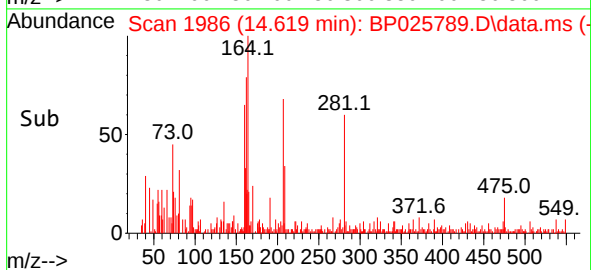
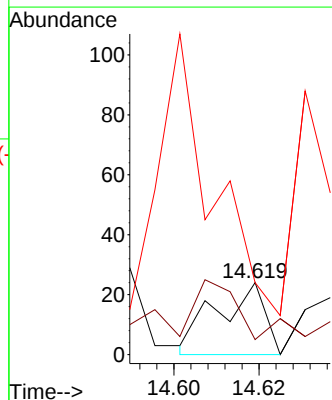
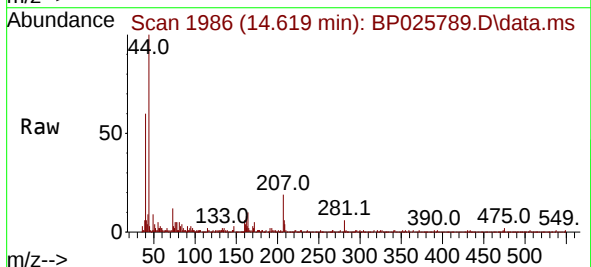
Instrument :
BNA_P
ClientSampleId :

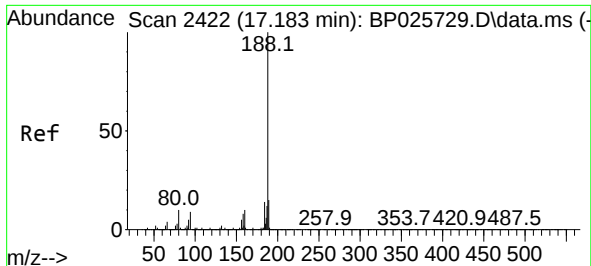
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 62.5 52.5 78.7
154 168.8 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.486 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 20.8 62.9 102.9#
65 100.0 83.4 123.4

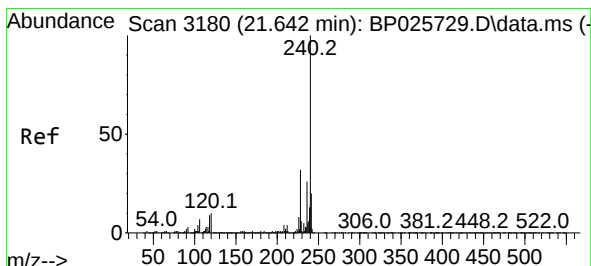
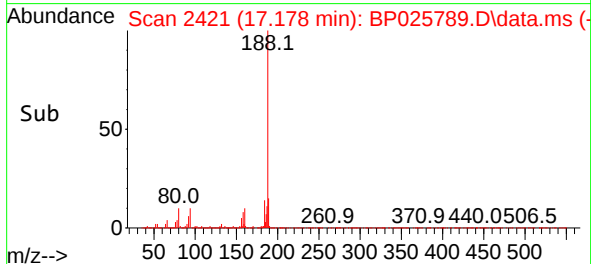
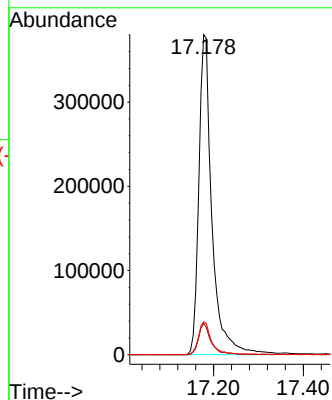
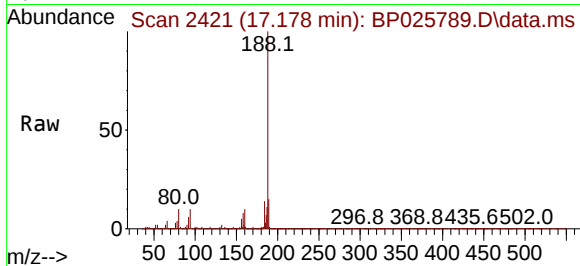




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

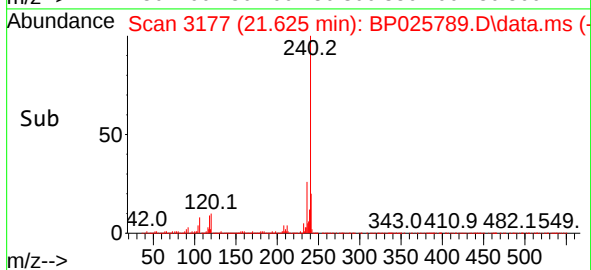
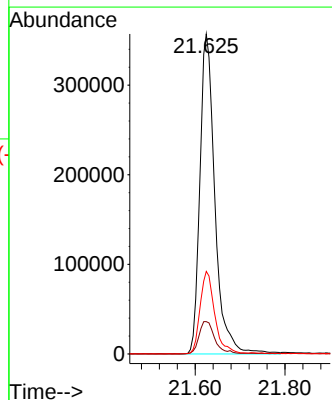
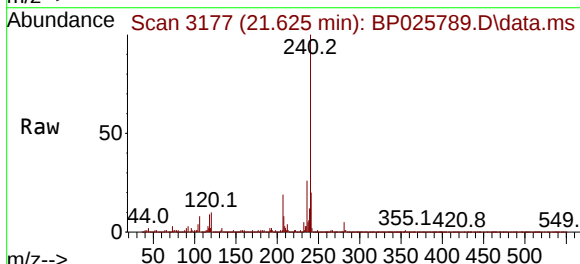
Instrument :
BNA_P
ClientSampleId :

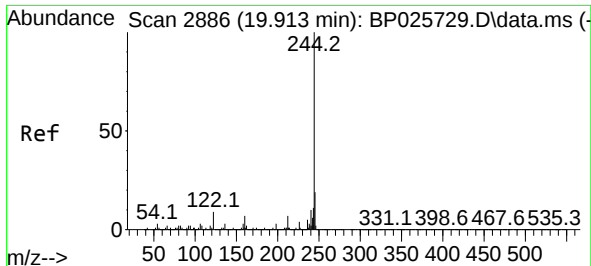
Tgt Ion:188 Resp: 773230
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025789.D
Acq: 18 Sep 2025 20:09

Tgt Ion:240 Resp: 829372
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.8 20.7 31.1

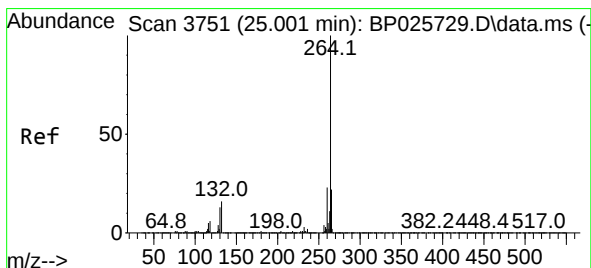
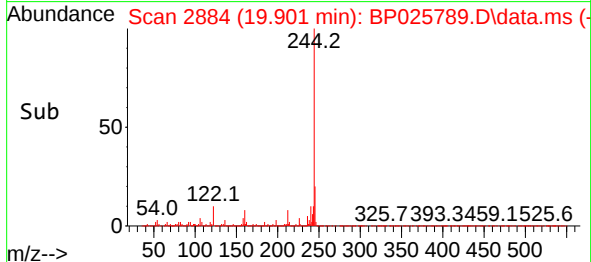
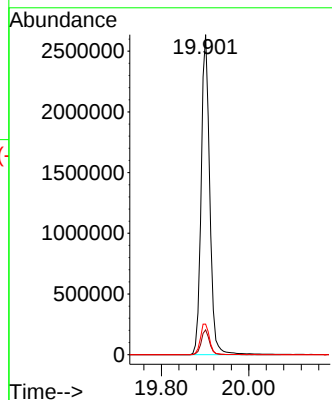
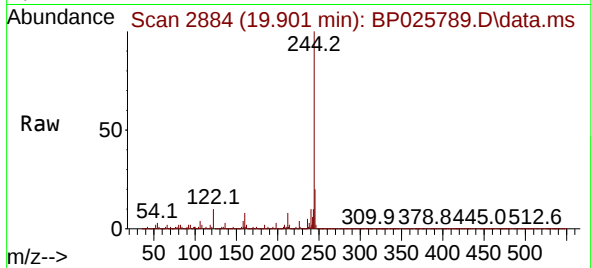




#79
 Terphenyl-d14
 Concen: 78.061 ng
 RT: 19.901 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025789.D
 Acq: 18 Sep 2025 20:09

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 3598781
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 9.6 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: BP025789.D
 Acq: 18 Sep 2025 20:09

Tgt Ion:264 Resp: 866770
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 22.2 17.3 25.9

