

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
 Data File : BP025812.D
 Acq On : 22 Sep 2025 14:23
 Operator : CG/JU
 Sample : Q3138-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAD-091825-A

Quant Time: Sep 22 14:45:47 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	7.743	152	184462	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	718477	20.000	ng	-0.01
39) Acenaphthene-d10	14.378	164	459821	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	816349	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	886461	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1005006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	341013	29.830	ng	0.00
7) Phenol-d6	6.960	99	811680	53.416	ng	0.01
23) Nitrobenzene-d5	8.890	82	710049	43.594	ng	-0.01
42) 2,4,6-Tribromophenol	15.895	330	103017	17.962	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	1746230	50.566	ng	-0.01
79) Terphenyl-d14	19.907	244	2650156	53.782	ng	0.00

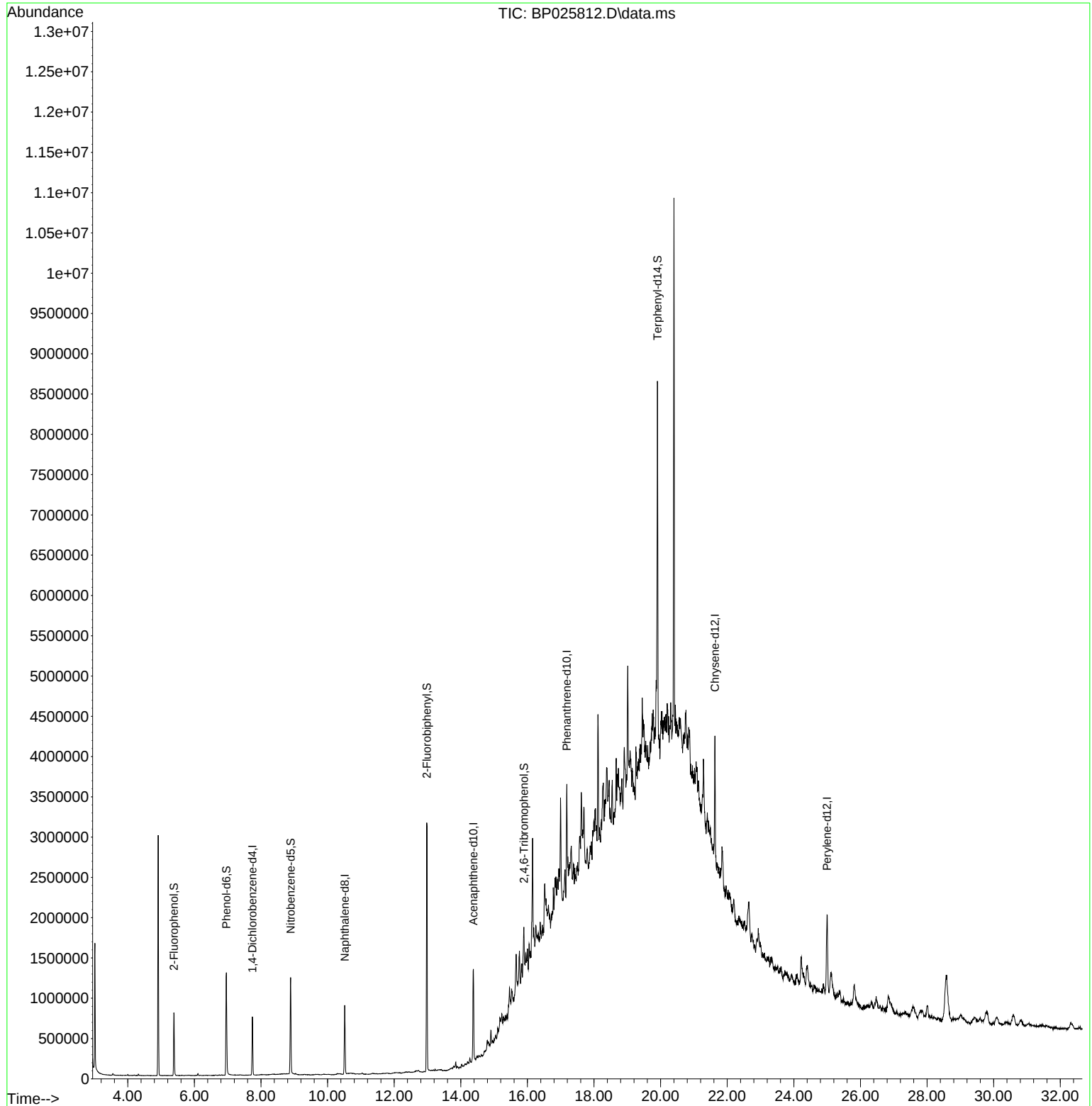
Target Compounds Qvalue

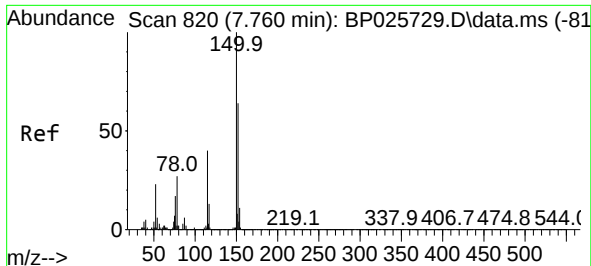
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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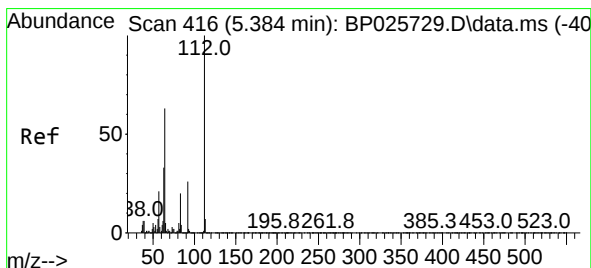
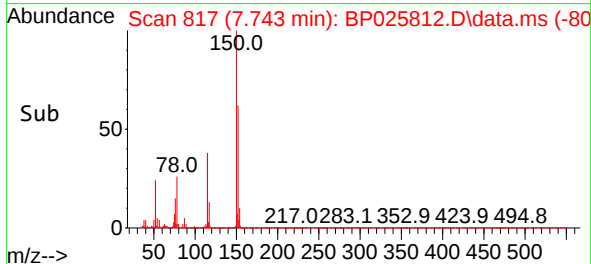
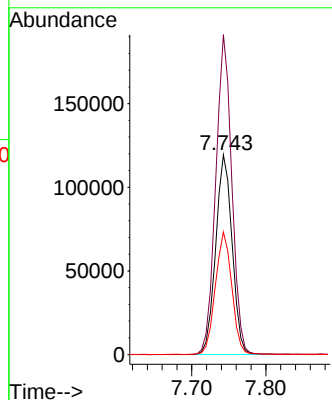
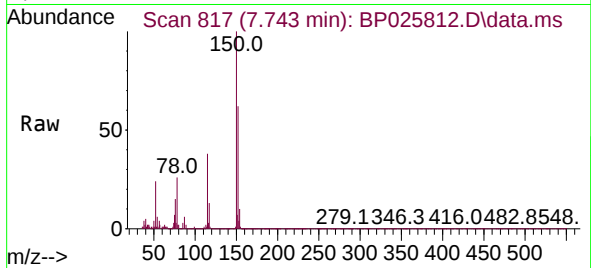




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025812.D
Acq: 22 Sep 2025 14:23

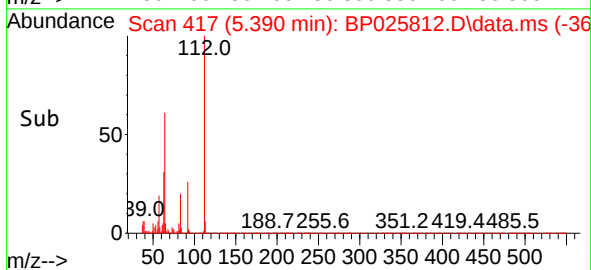
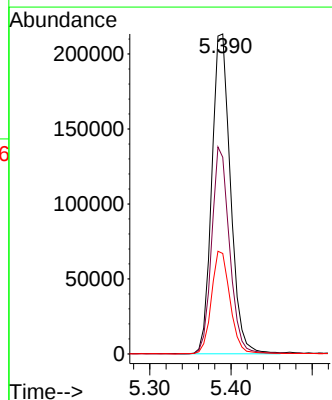
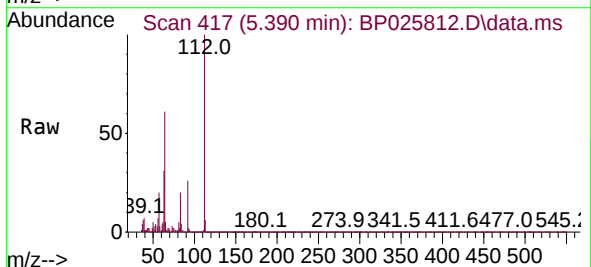
Instrument :
BNA_P
ClientSampleId :
PAD-091825-A

Tgt Ion:152 Resp: 184462
Ion Ratio Lower Upper
152 100
150 160.2 124.3 186.5
115 61.4 50.3 75.5



#5
2-Fluorophenol
Concen: 29.830 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025812.D
Acq: 22 Sep 2025 14:23

Tgt Ion:112 Resp: 341013
Ion Ratio Lower Upper
112 100
64 61.4 50.2 75.4
63 31.4 26.7 40.1

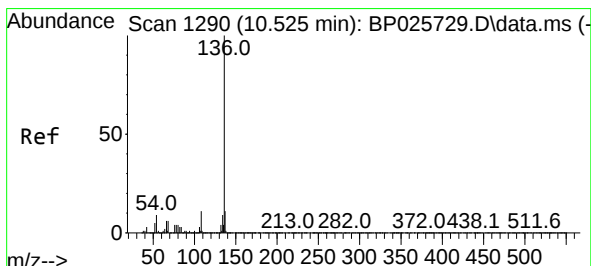
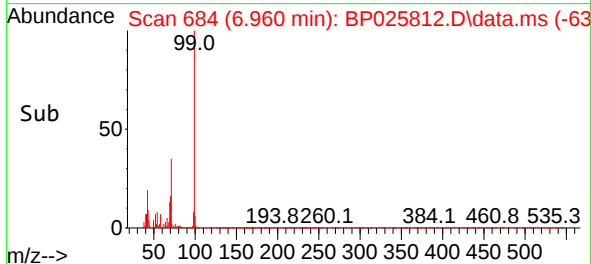
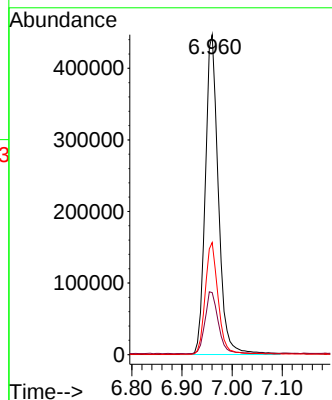
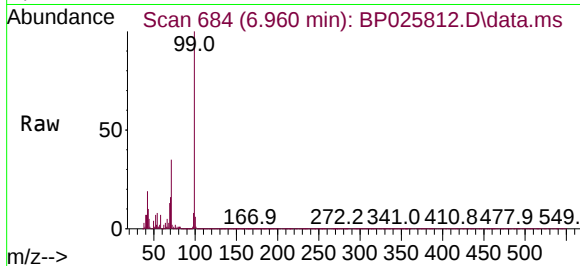




#7
Phenol-d6
Concen: 53.416 ng
RT: 6.960 min Scan# 681
Delta R.T. 0.012 min
Lab File: BP025812.D
Acq: 22 Sep 2025 14:23

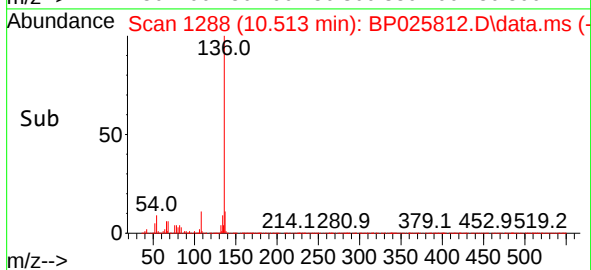
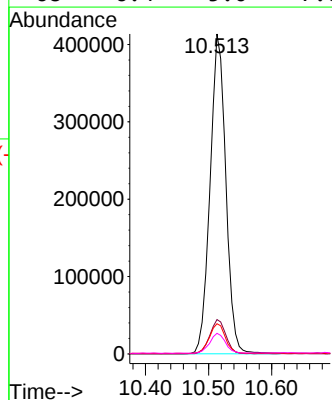
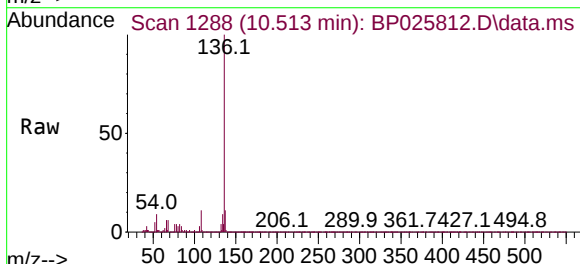
Instrument :
BNA_P
ClientSampleId :
PAD-091825-A

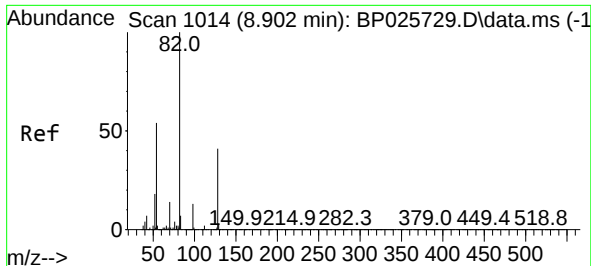
Tgt Ion: 99 Resp: 811680
Ion Ratio Lower Upper
99 100
42 19.4 15.6 23.4
71 35.0 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025812.D
Acq: 22 Sep 2025 14:23

Tgt Ion:136 Resp: 718477
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.4 7.5 11.3
68 6.4 5.0 7.6

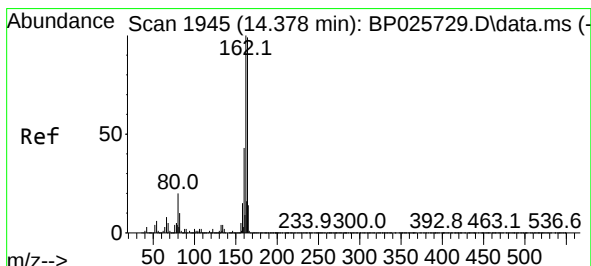
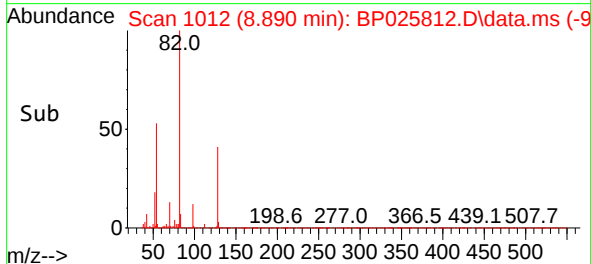
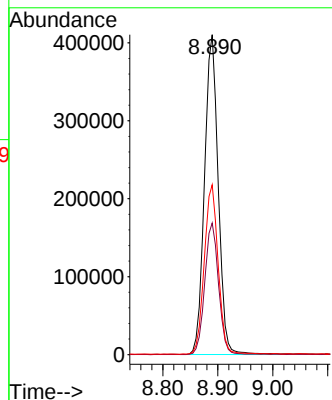
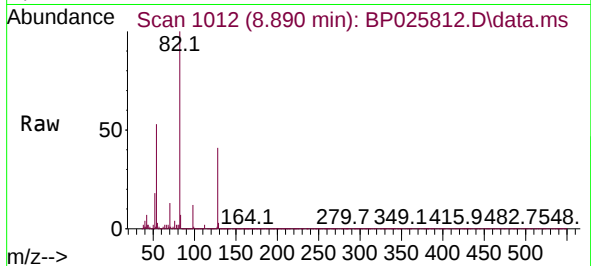




#23
Nitrobenzene-d5
Concen: 43.594 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025812.D
Acq: 22 Sep 2025 14:23

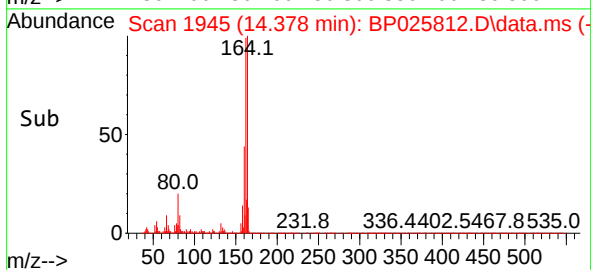
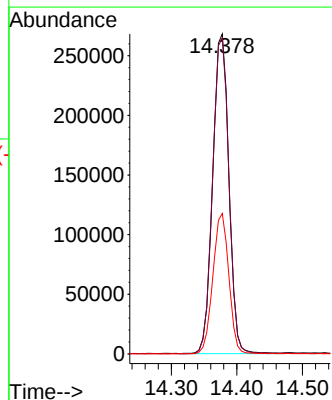
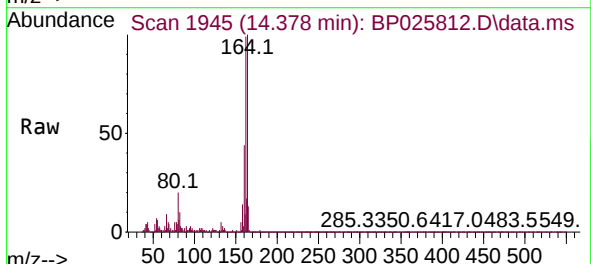
Instrument :
BNA_P
ClientSampleId :
PAD-091825-A

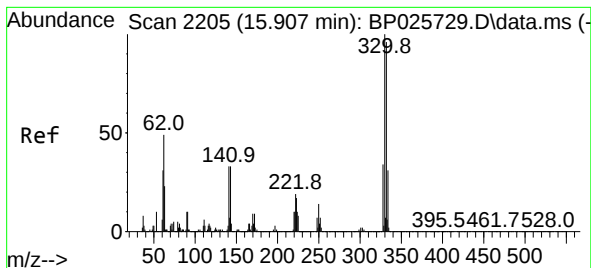
Tgt Ion: 82 Resp: 710049
Ion Ratio Lower Upper
82 100
128 41.1 32.9 49.3
54 53.1 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025812.D
Acq: 22 Sep 2025 14:23

Tgt Ion: 164 Resp: 459821
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 43.9 35.0 52.6

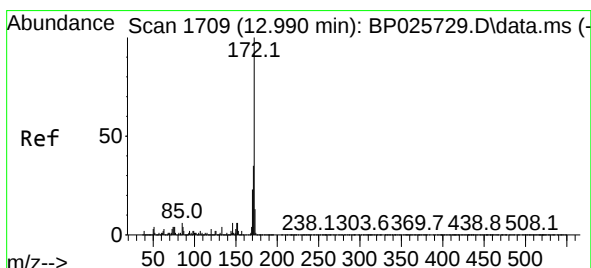
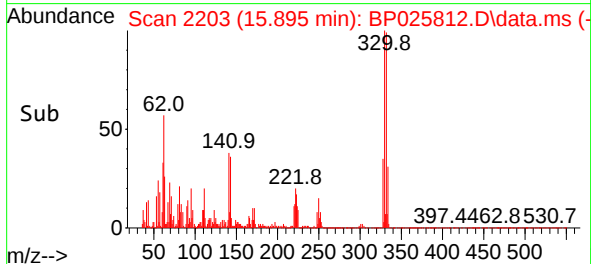
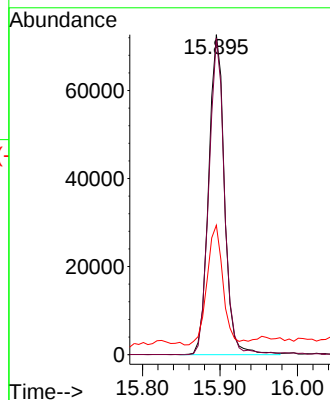
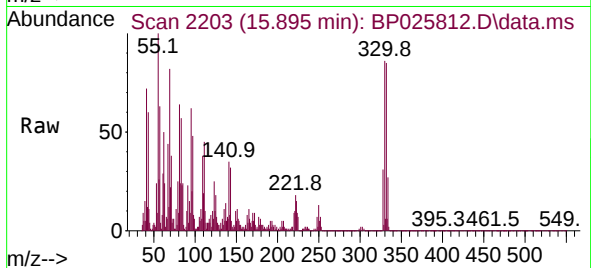




#42
2,4,6-Tribromophenol
Concen: 17.962 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025812.D
Acq: 22 Sep 2025 14:23

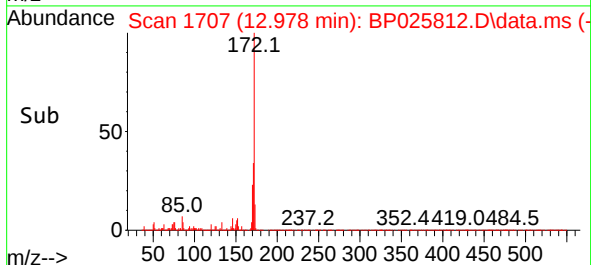
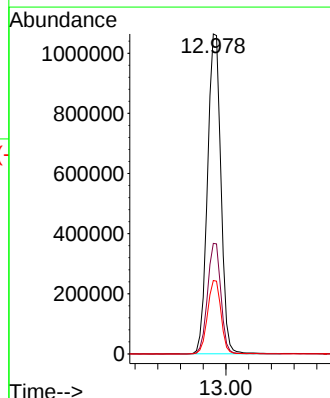
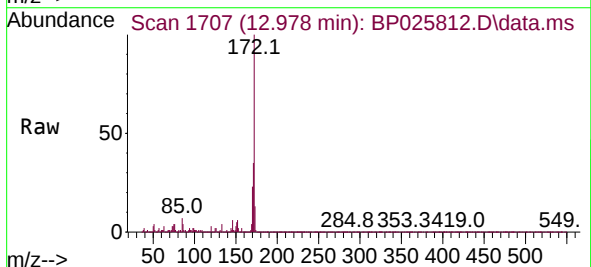
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ClientSampleId :
PAD-091825-A

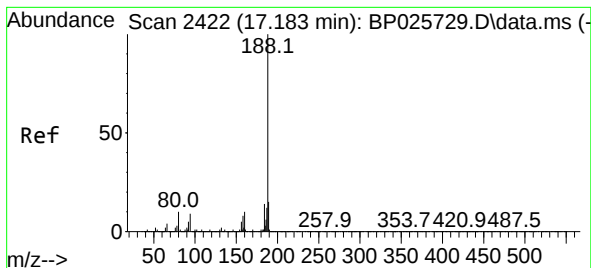
Tgt Ion:330 Resp: 103017
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 38.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 50.566 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025812.D
Acq: 22 Sep 2025 14:23

Tgt Ion:172 Resp: 1746230
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 22.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.177 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP025812.D

Acq: 22 Sep 2025 14:23

Instrument :

BNA_P

ClientSampleId :

PAD-091825-A

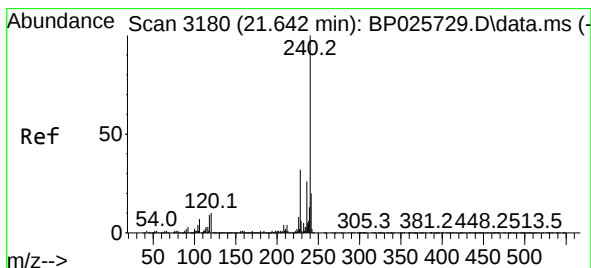
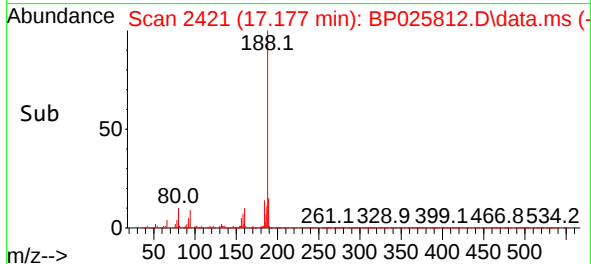
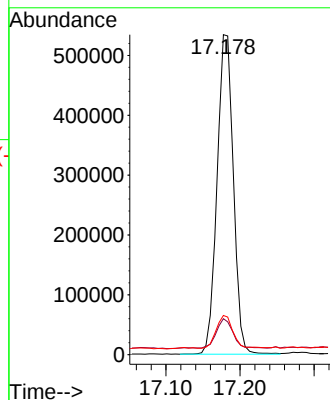
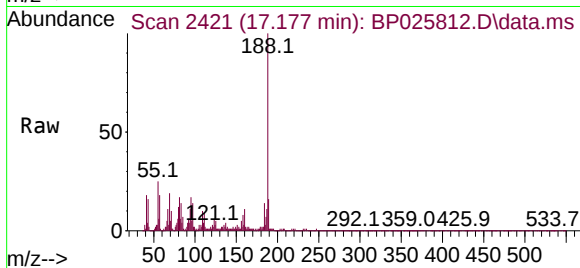
Tgt Ion:188 Resp: 816349

Ion Ratio Lower Upper

188 100

94 11.2 7.4 11.0#

80 12.2 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: BP025812.D

Acq: 22 Sep 2025 14:23

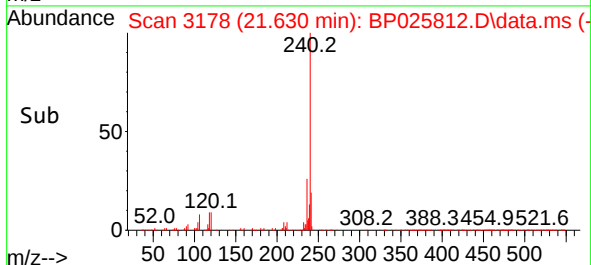
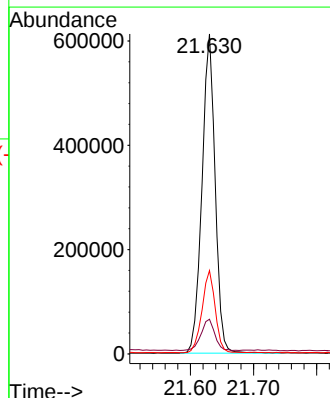
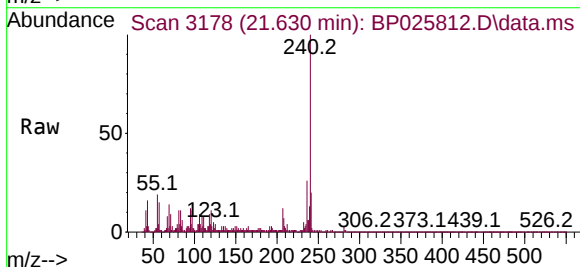
Tgt Ion:240 Resp: 886461

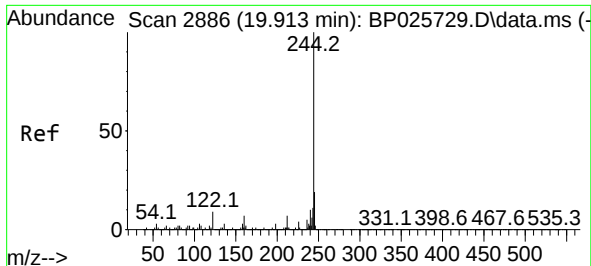
Ion Ratio Lower Upper

240 100

120 10.8 8.0 12.0

236 26.0 20.7 31.1

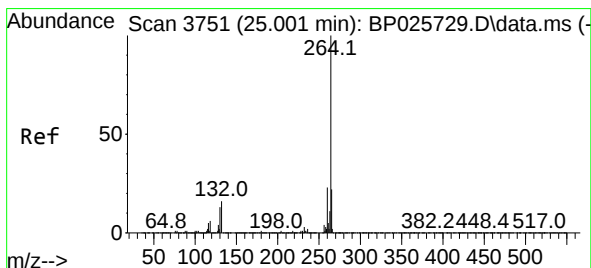
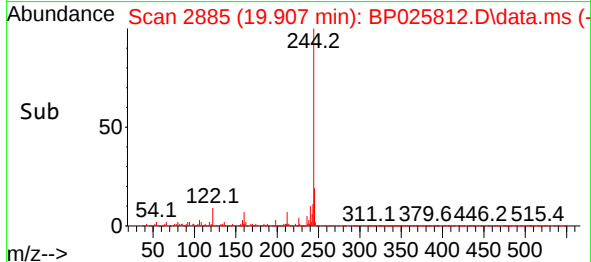
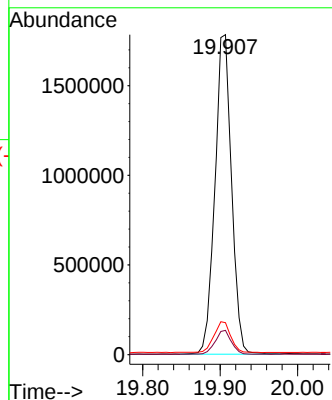
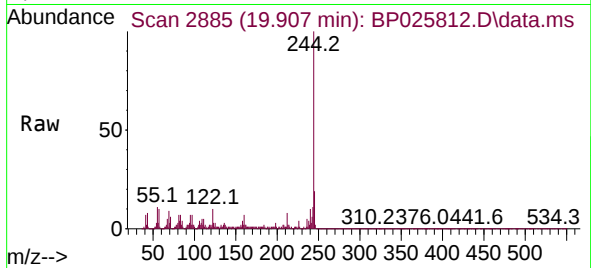




#79
 Terphenyl-d14
 Concen: 53.782 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025812.D
 Acq: 22 Sep 2025 14:23

Instrument :
 BNA_P
 ClientSampleId :
 PAD-091825-A

Tgt Ion:244 Resp: 2650156
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.0 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: BP025812.D
 Acq: 22 Sep 2025 14:23

Tgt Ion:264 Resp: 1005006
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 22.6 17.3 25.9

