

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
 Data File : BP025813.D
 Acq On : 22 Sep 2025 15:04
 Operator : CG/JU
 Sample : Q3138-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAD-091825-B

Quant Time: Sep 22 15:26:59 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	7.748	152	187317	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	725294	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	453797	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	552915	20.000	ng	# 0.02
76) Chrysene-d12	21.665	240	761408	20.000	ng	# 0.02
86) Perylene-d12	25.012	264	900031	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	466270	40.164	ng	0.00
7) Phenol-d6	6.966	99	648105	42.002	ng	0.02
23) Nitrobenzene-d5	8.895	82	433838	26.385	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	185029	32.689	ng	0.01
45) 2-Fluorobiphenyl	12.983	172	1104498	32.408	ng	0.00
79) Terphenyl-d14	19.942	244	1242957	29.367	ng	0.03

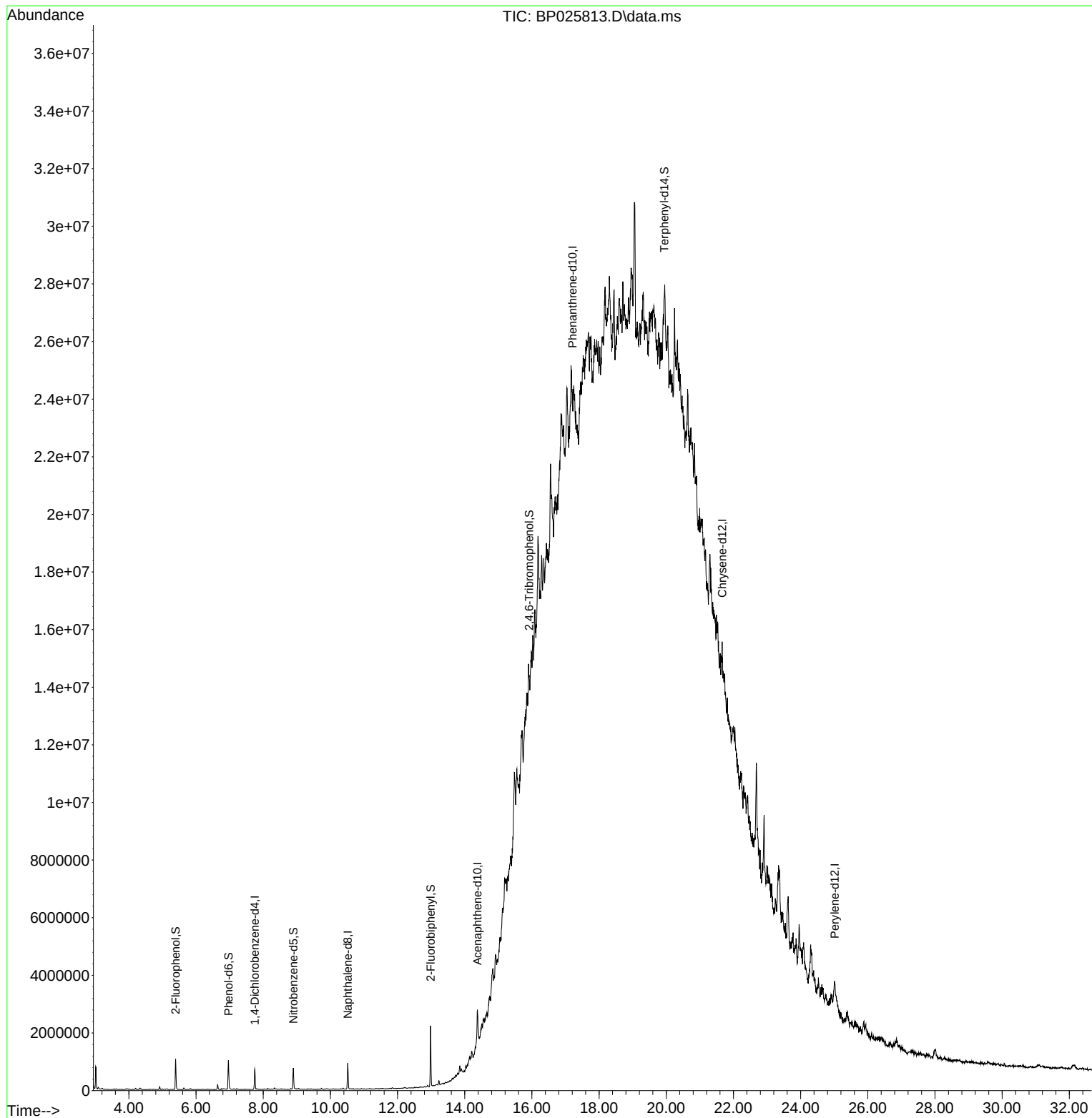
Target Compounds Qvalue

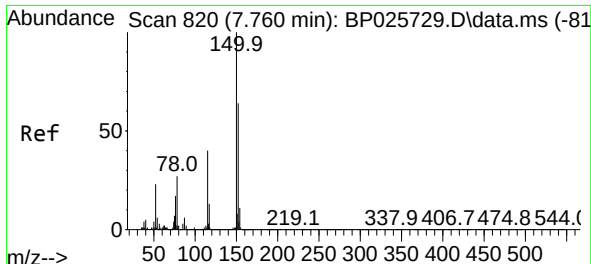
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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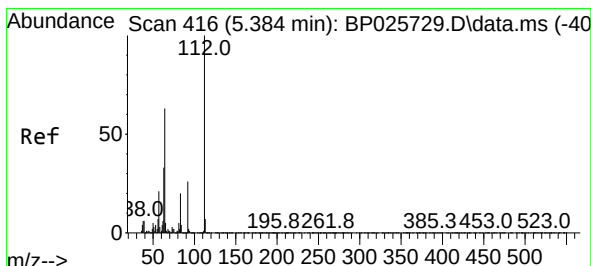
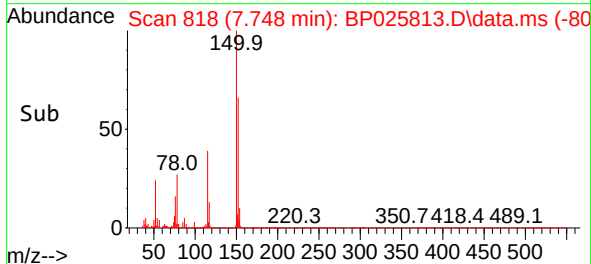
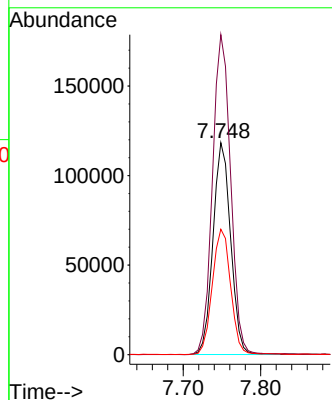
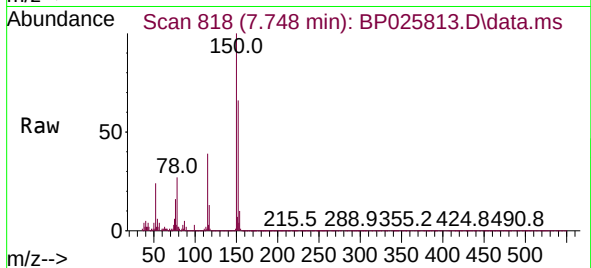




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.748 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025813.D
 Acq: 22 Sep 2025 15:04

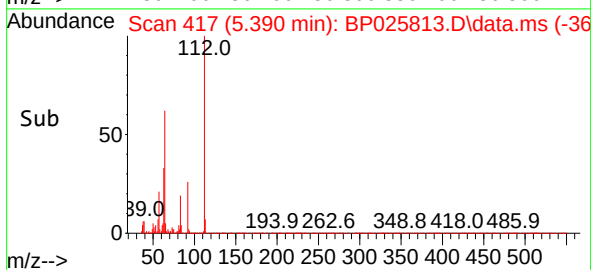
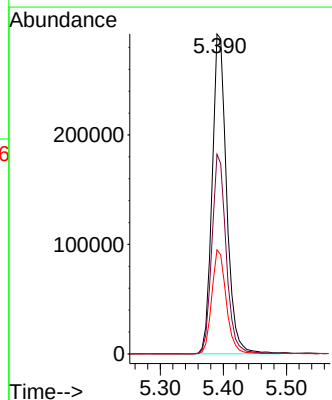
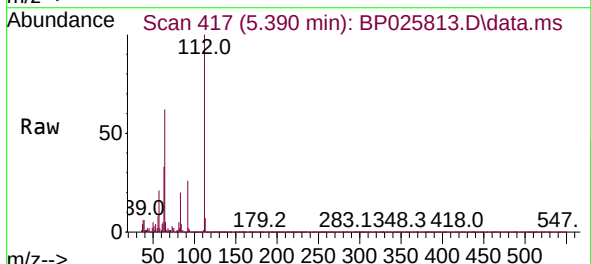
Instrument :
 BNA_P
 ClientSampleId :
 PAD-091825-B

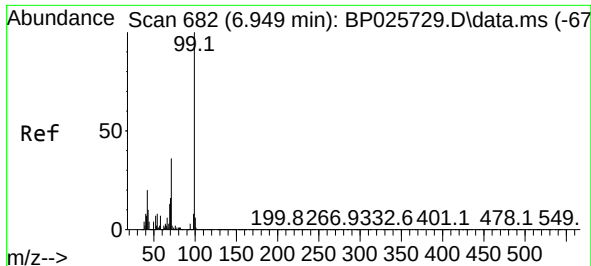
Tgt Ion:152 Resp: 187317
 Ion Ratio Lower Upper
 152 100
 150 151.0 124.3 186.5
 115 59.1 50.3 75.5



#5
 2-Fluorophenol
 Concen: 40.164 ng
 RT: 5.390 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: BP025813.D
 Acq: 22 Sep 2025 15:04

Tgt Ion:112 Resp: 466270
 Ion Ratio Lower Upper
 112 100
 64 62.3 50.2 75.4
 63 32.5 26.7 40.1

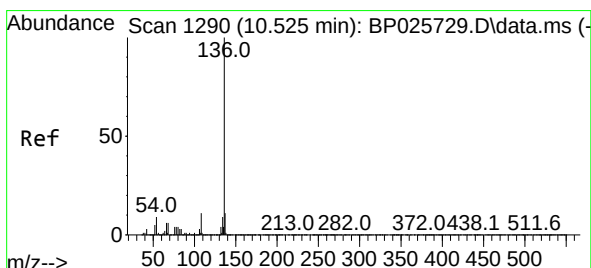
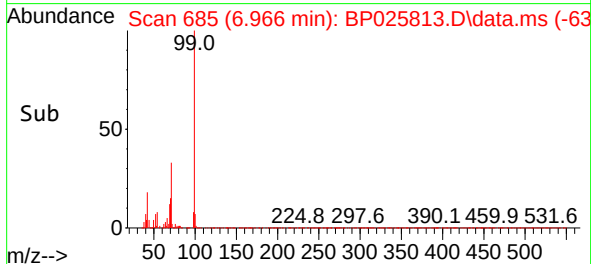
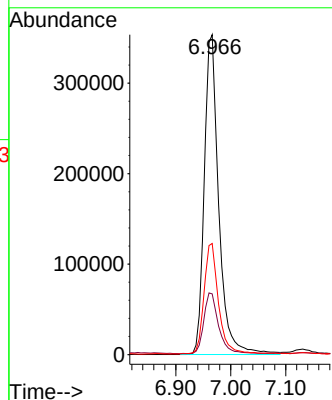
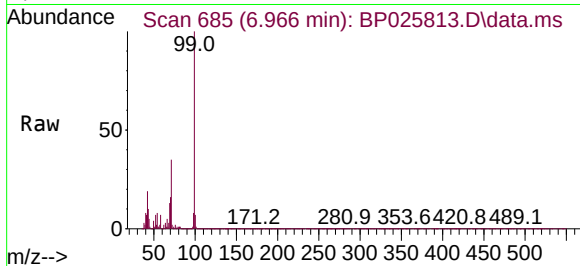




#7
Phenol-d6
Concen: 42.002 ng
RT: 6.966 min Scan# 681
Delta R.T. 0.017 min
Lab File: BP025813.D
Acq: 22 Sep 2025 15:04

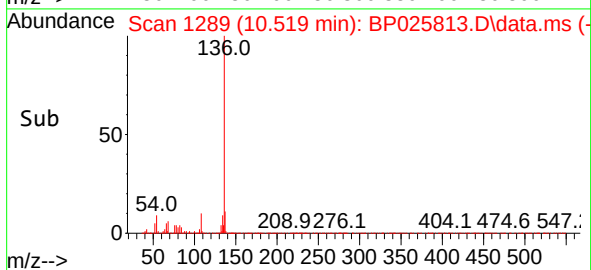
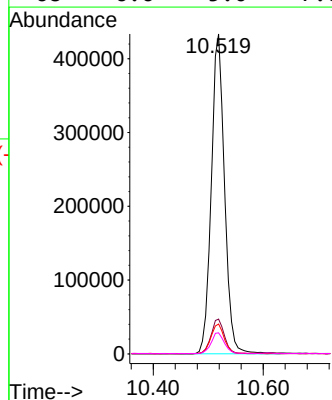
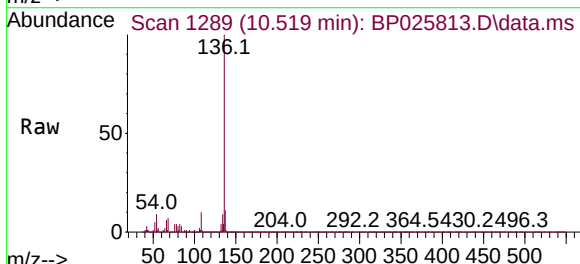
Instrument :
BNA_P
ClientSampleId :
PAD-091825-B

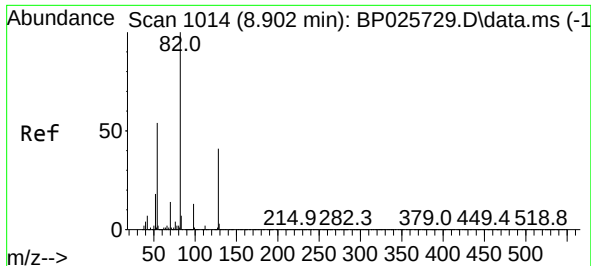
Tgt Ion: 99 Resp: 648105
Ion Ratio Lower Upper
99 100
42 19.0 15.6 23.4
71 34.7 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025813.D
Acq: 22 Sep 2025 15:04

Tgt Ion:136 Resp: 725294
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.3 7.5 11.3
68 6.6 5.0 7.6

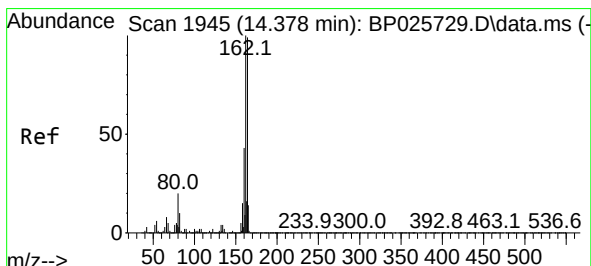
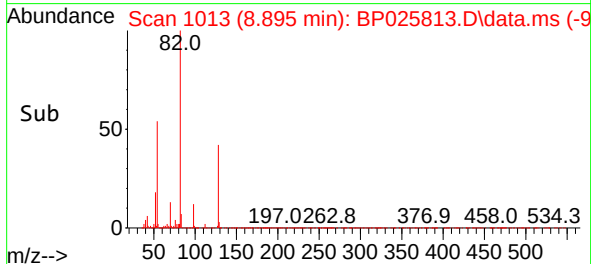
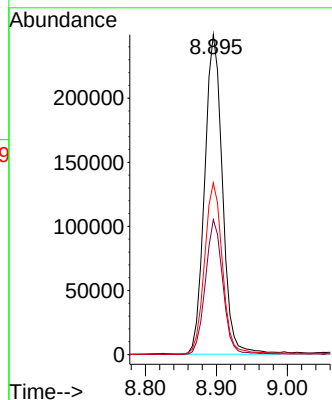
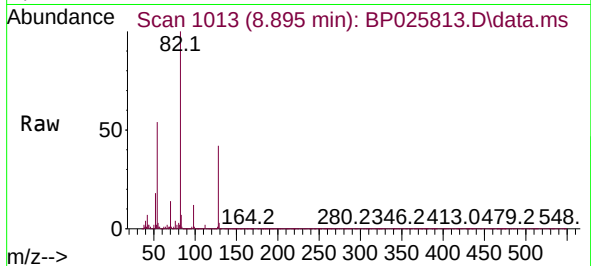




#23
Nitrobenzene-d5
Concen: 26.385 ng
RT: 8.895 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025813.D
Acq: 22 Sep 2025 15:04

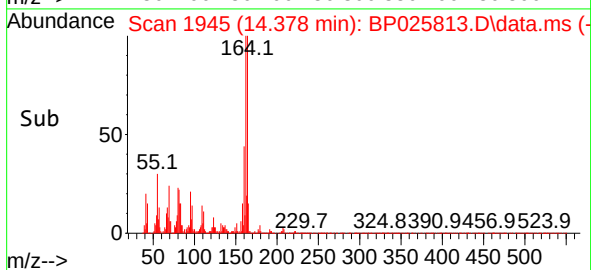
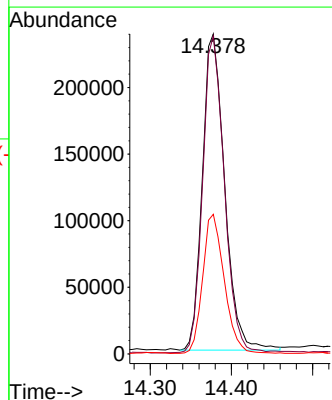
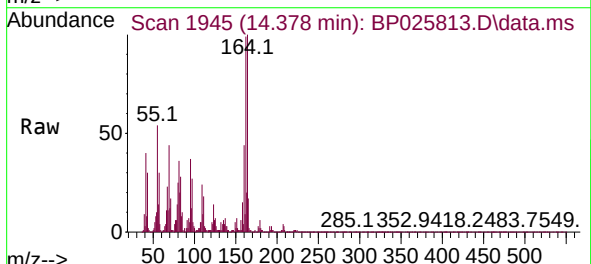
Instrument :
BNA_P
ClientSampleId :
PAD-091825-B

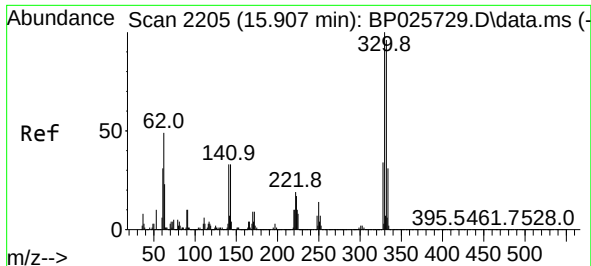
Tgt Ion: 82 Resp: 433838
Ion Ratio Lower Upper
82 100
128 42.2 32.9 49.3
54 53.7 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025813.D
Acq: 22 Sep 2025 15:04

Tgt Ion:164 Resp: 453797
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 43.6 35.0 52.6

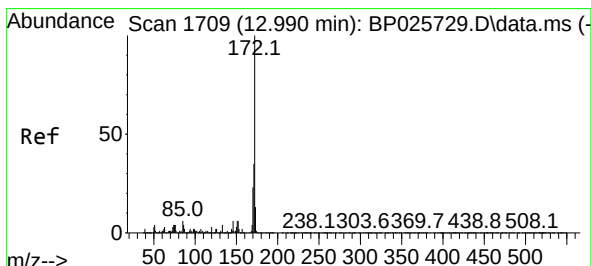
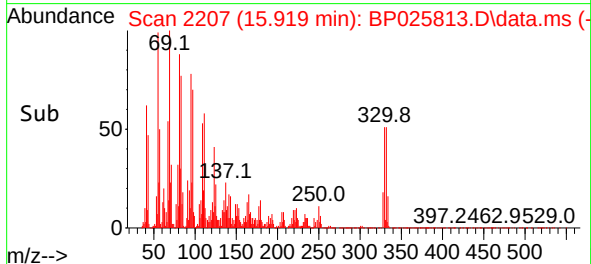
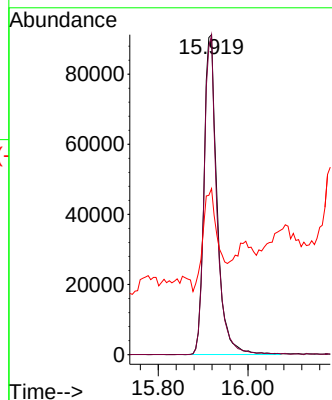
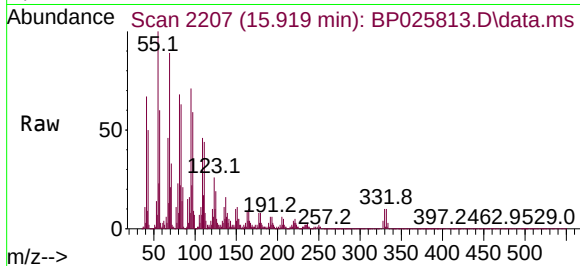




#42
2,4,6-Tribromophenol
Concen: 32.689 ng
RT: 15.919 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025813.D
Acq: 22 Sep 2025 15:04

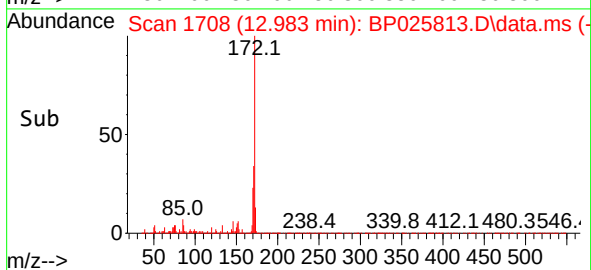
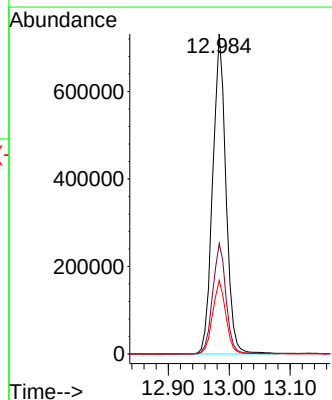
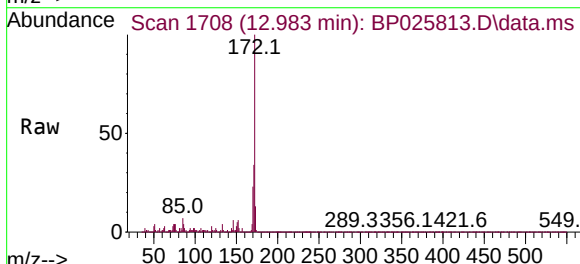
Instrument :
BNA_P
ClientSampleId :
PAD-091825-B

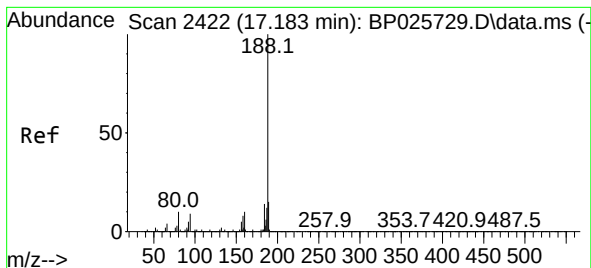
Tgt Ion:330 Resp: 185029
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 37.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 32.408 ng
RT: 12.983 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025813.D
Acq: 22 Sep 2025 15:04

Tgt Ion:172 Resp: 1104498
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: 17.207 min Scan# 2422

Delta R.T. 0.023 min

Lab File: BP025813.D

Acq: 22 Sep 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PAD-091825-B

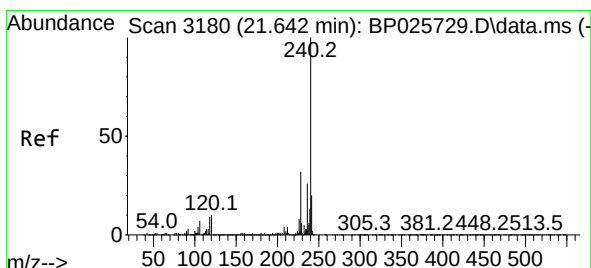
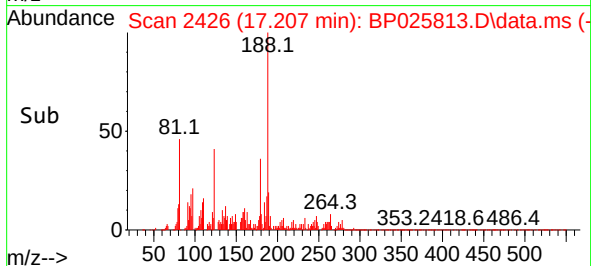
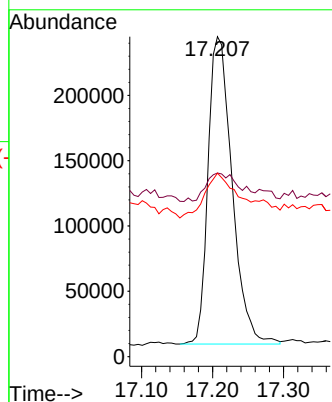
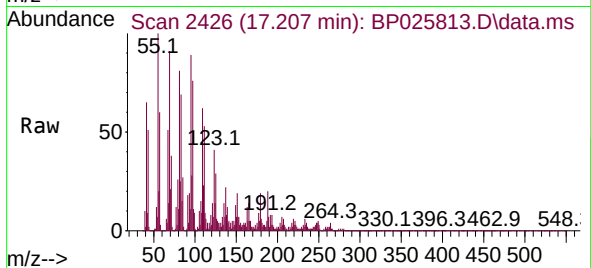
Tgt Ion:188 Resp: 552915

Ion Ratio Lower Upper

188 100

94 57.4 7.4 11.0#

80 57.3 7.7 11.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.665 min Scan# 3184

Delta R.T. 0.023 min

Lab File: BP025813.D

Acq: 22 Sep 2025 15:04

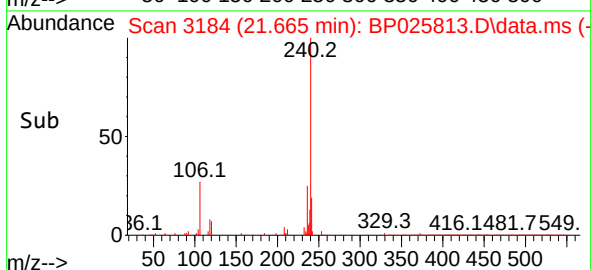
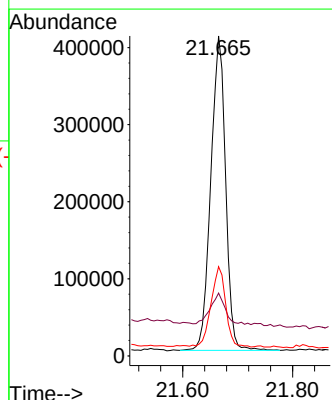
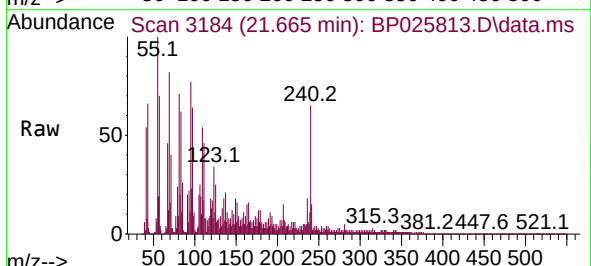
Tgt Ion:240 Resp: 761408

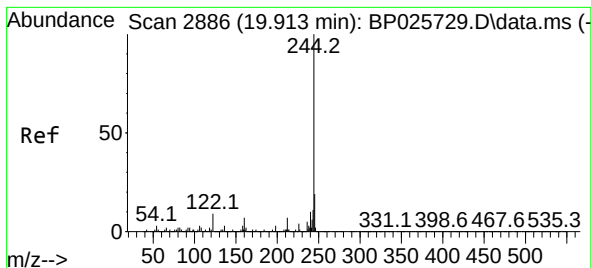
Ion Ratio Lower Upper

240 100

120 19.6 8.0 12.0#

236 27.9 20.7 31.1





#79

Terphenyl-d14

Concen: 29.367 ng

RT: 19.942 min Scan# 2886

Delta R.T. 0.029 min

Lab File: BP025813.D

Acq: 22 Sep 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PAD-091825-B

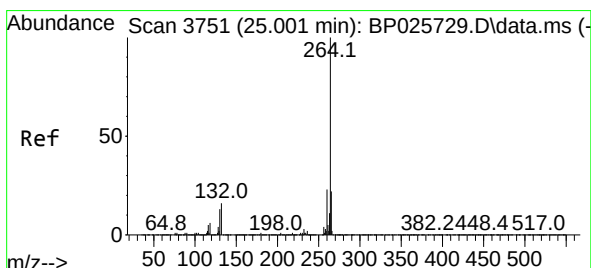
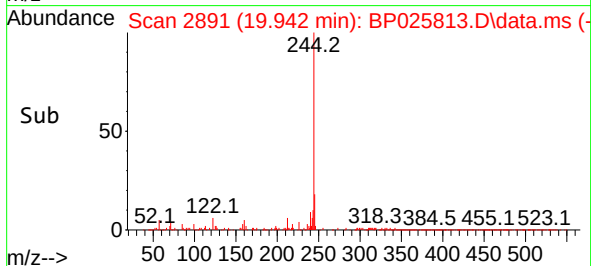
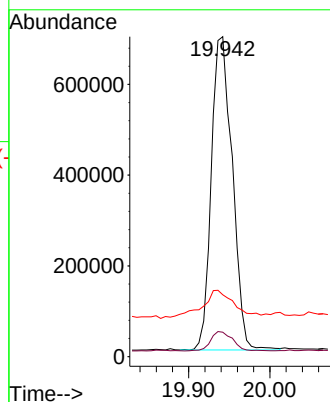
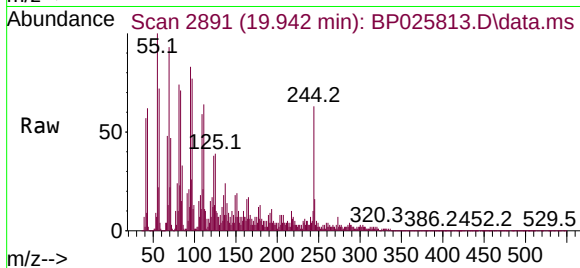
Tgt Ion:244 Resp: 1242957

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 19.3 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3753

Delta R.T. 0.012 min

Lab File: BP025813.D

Acq: 22 Sep 2025 15:04

Tgt Ion:264 Resp: 900031

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 23.0 17.3 25.9

