

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025087.D
 Acq On : 10 Jul 2025 17:39
 Operator : CG/JU
 Sample : Q2523-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAD-070825-2

Quant Time: Jul 10 18:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	367362	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1643234	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1116797	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	2038359	20.000	ng	# 0.01
76) Chrysene-d12	21.371	240	3014534	20.000	ng	0.03
86) Perylene-d12	24.518	264	3455908	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1398340	67.444	ng	0.00
7) Phenol-d6	6.625	99	2050199	75.775	ng	0.00
23) Nitrobenzene-d5	8.566	82	1346871	54.511	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	959430	72.722	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	4334601	60.127	ng	-0.01
79) Terphenyl-d14	19.707	244	7260514	52.934	ng	0.04

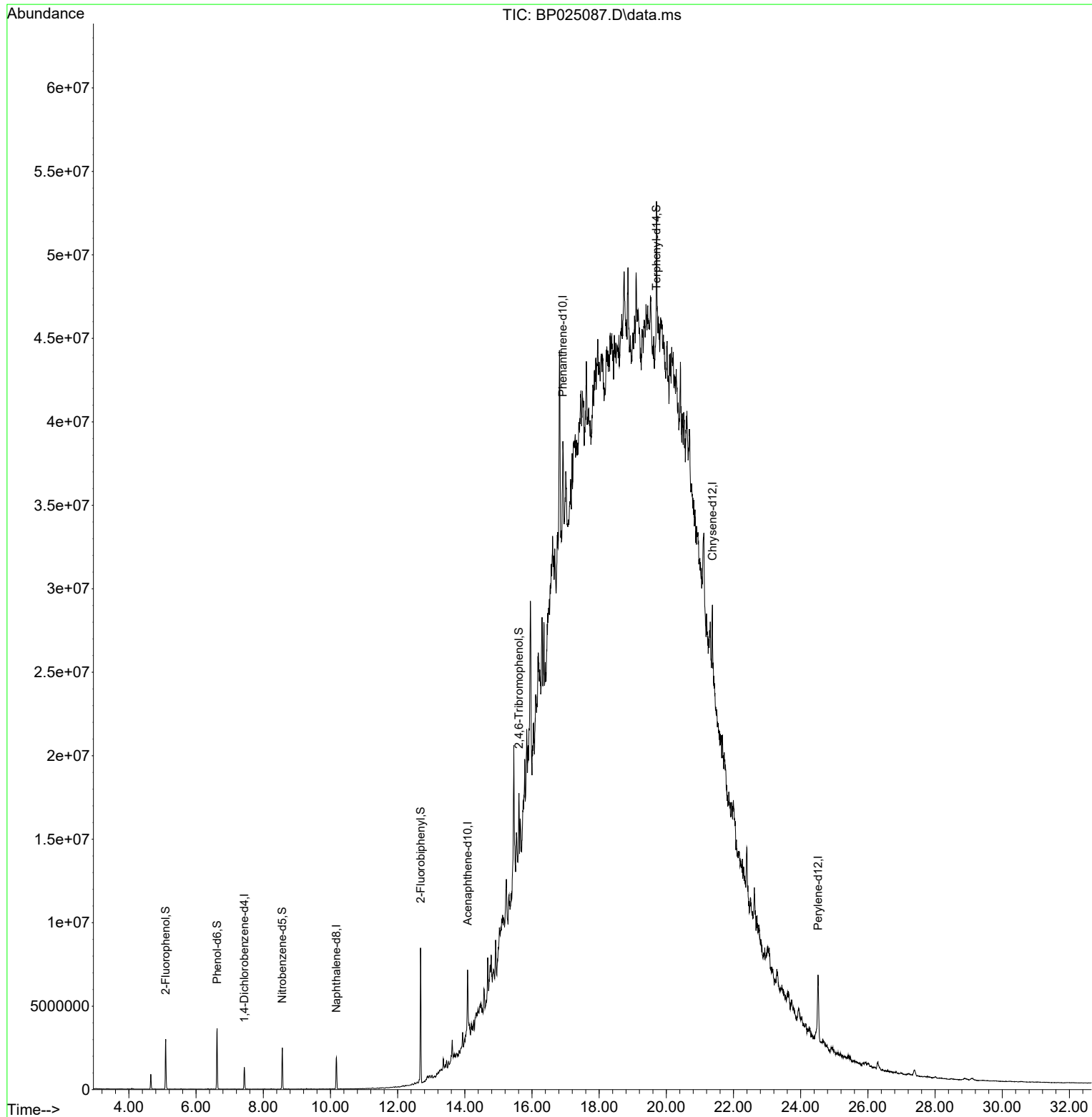
Target Compounds	Qvalue

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

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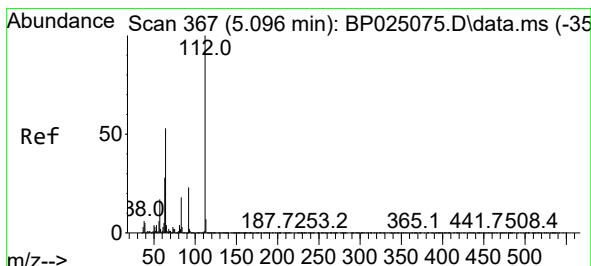
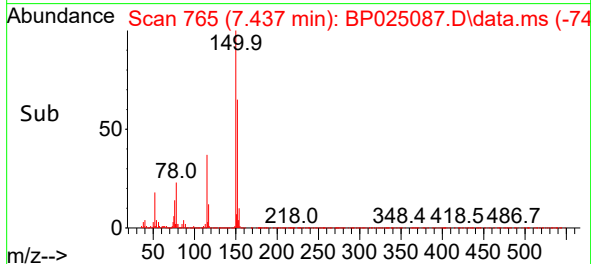
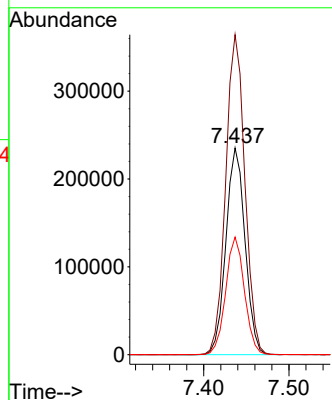
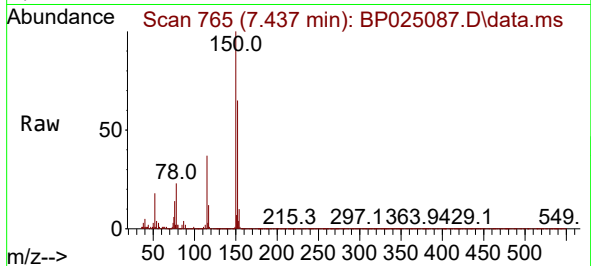




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

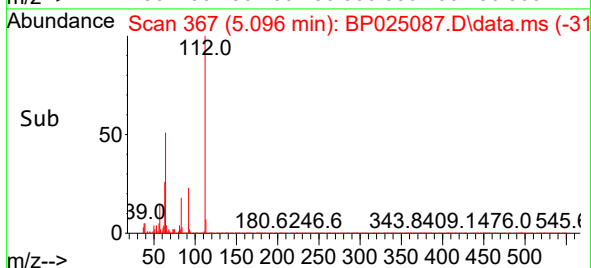
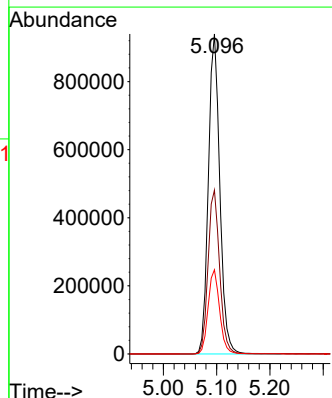
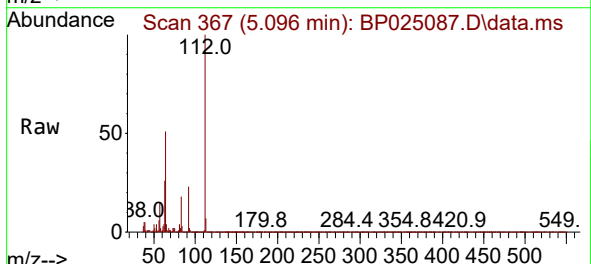
Instrument :
BNA_P
ClientSampleId :
PAD-070825-2

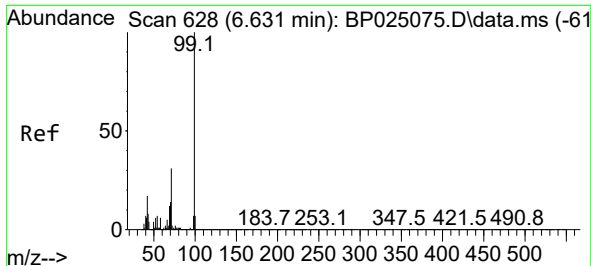
Tgt Ion:152 Resp: 367362
Ion Ratio Lower Upper
152 100
150 154.7 126.1 189.1
115 56.8 44.3 66.5



#5
2-Fluorophenol
Concen: 67.444 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion:112 Resp: 1398340
Ion Ratio Lower Upper
112 100
64 51.2 42.0 63.0
63 26.3 22.2 33.2

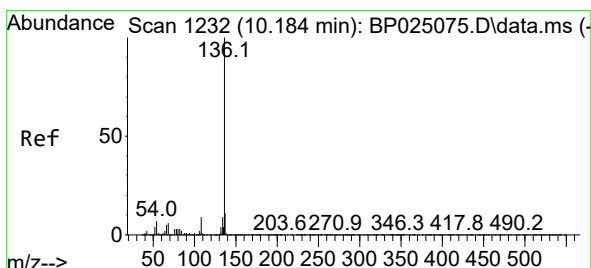
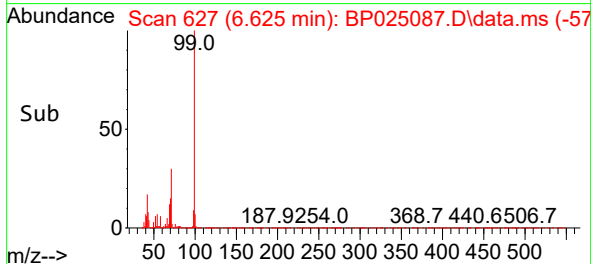
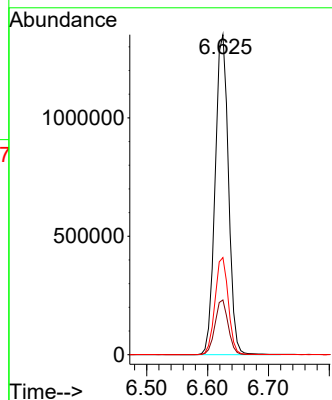
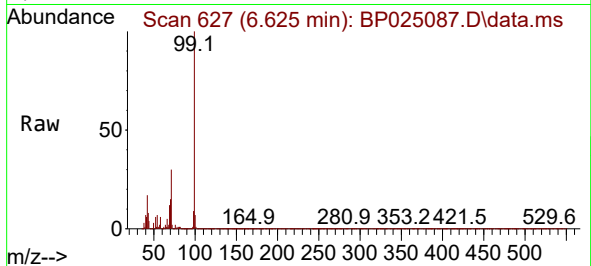




#7
Phenol-d6
Concen: 75.775 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

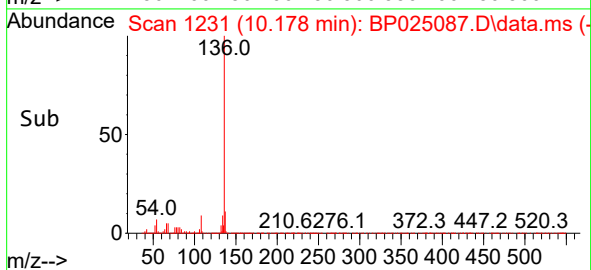
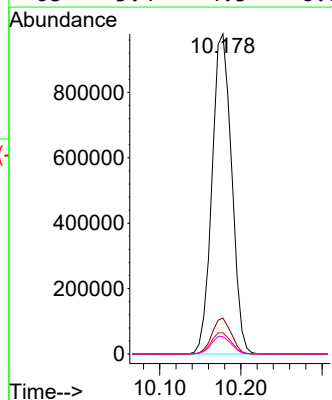
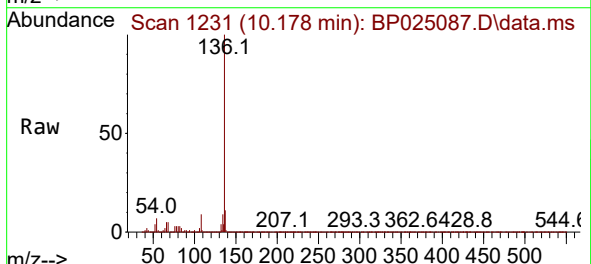
Instrument :
BNA_P
ClientSampleId :
PAD-070825-2

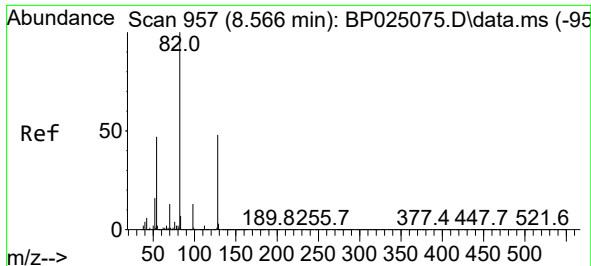
Tgt Ion: 99 Resp: 2050199
Ion Ratio Lower Upper
99 100
42 17.1 13.6 20.4
71 30.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion:136 Resp: 1643234
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.6 5.4 8.2
68 5.4 4.5 6.7

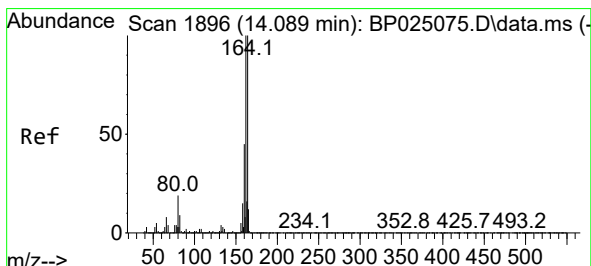
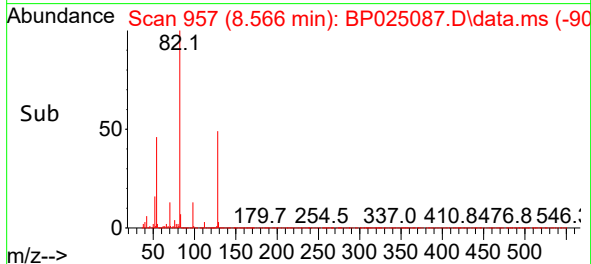
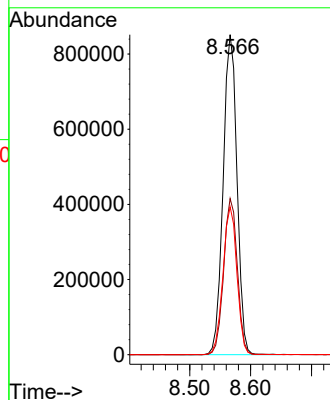
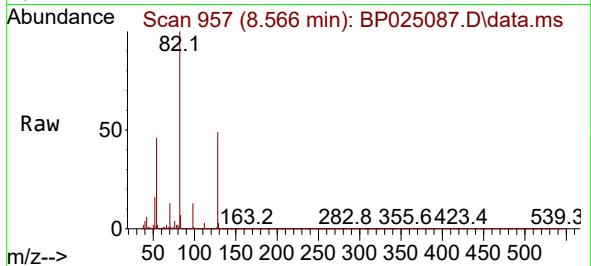




#23
Nitrobenzene-d5
Concen: 54.511 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

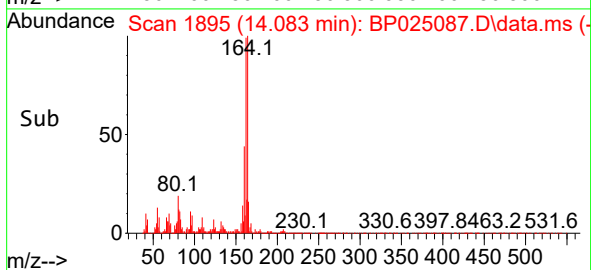
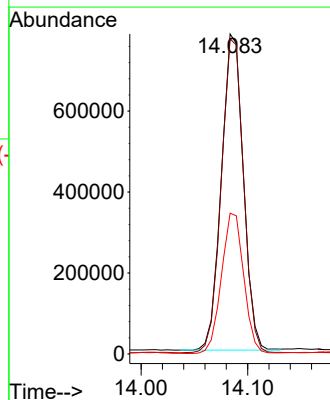
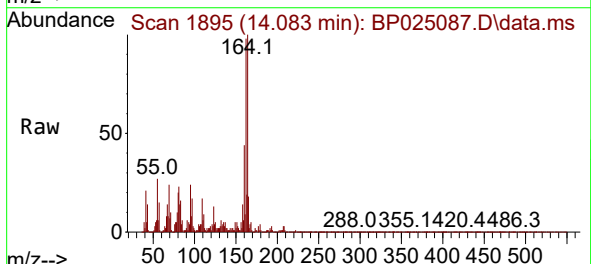
Instrument :
BNA_P
ClientSampleId :
PAD-070825-2

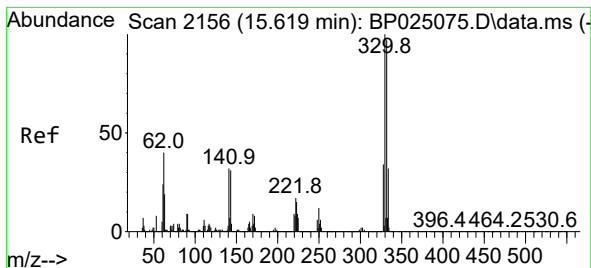
Tgt Ion: 82 Resp: 1346871
Ion Ratio Lower Upper
82 100
128 48.8 38.4 57.6
54 46.2 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion:164 Resp: 1116797
Ion Ratio Lower Upper
164 100
162 98.5 80.3 120.5
160 44.0 35.9 53.9

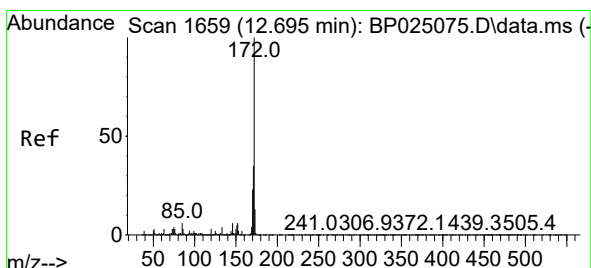
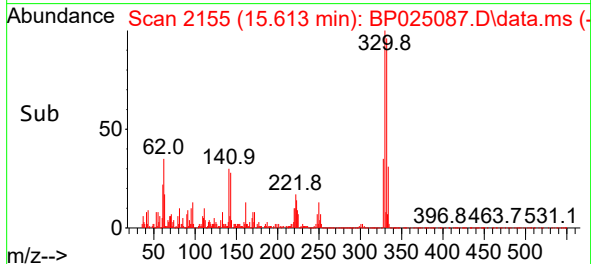
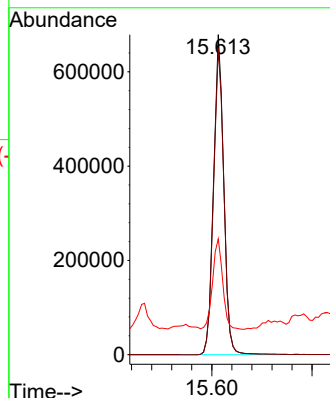
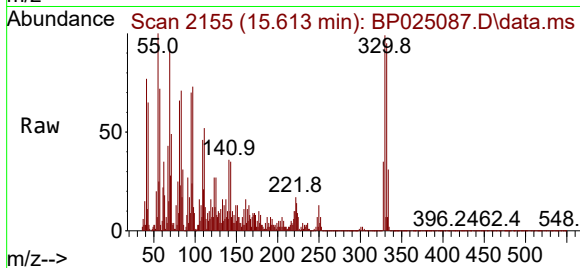




#42
2,4,6-Tribromophenol
Concen: 72.722 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

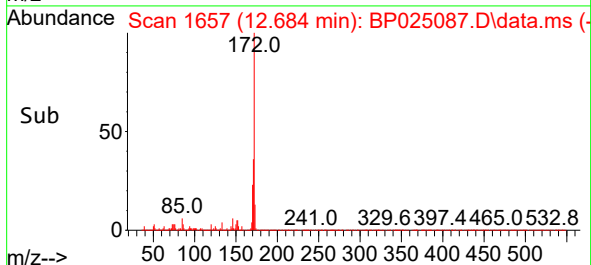
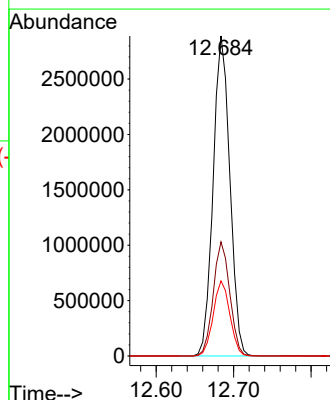
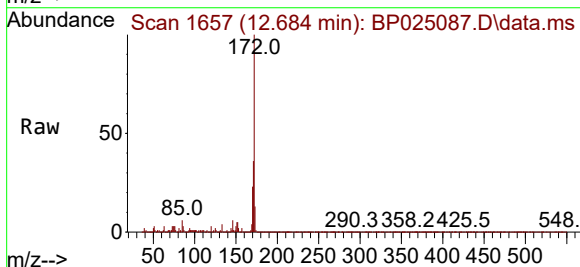
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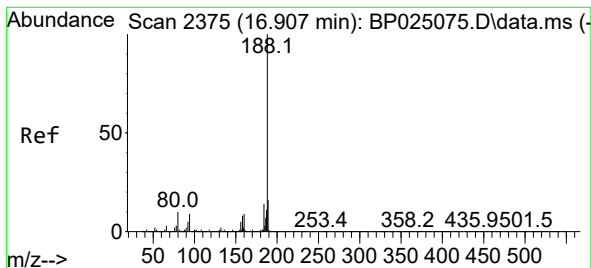
Tgt Ion: 330 Resp: 959430
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 27.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 60.127 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion: 172 Resp: 4334601
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.919 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

Instrument :

BNA_P

ClientSampleId :

PAD-070825-2

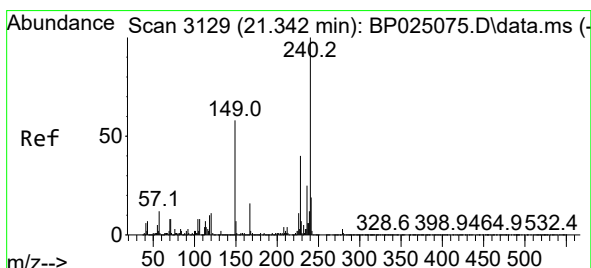
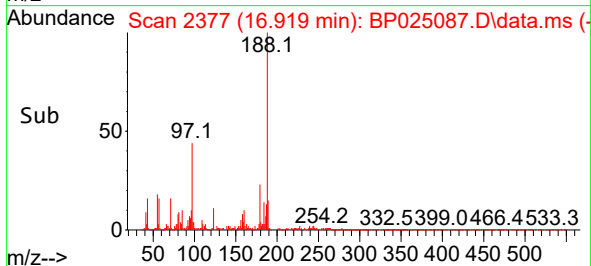
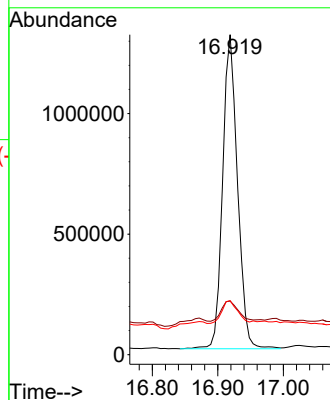
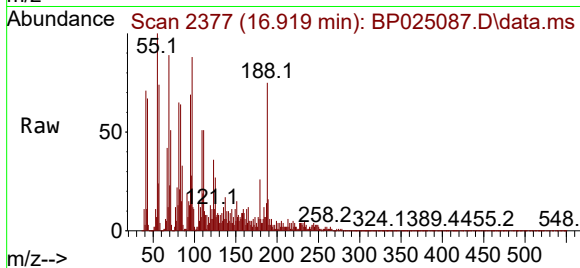
Tgt Ion:188 Resp: 2038359

Ion Ratio Lower Upper

188 100

94 16.8 7.3 10.9#

80 16.9 7.8 11.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.371 min Scan# 3134

Delta R.T. 0.029 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

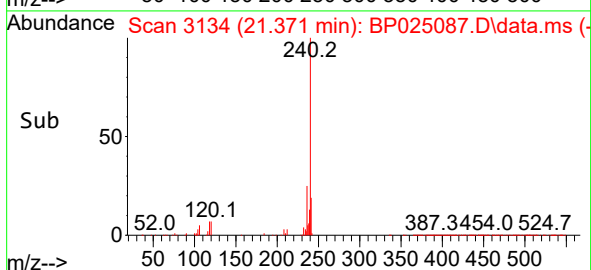
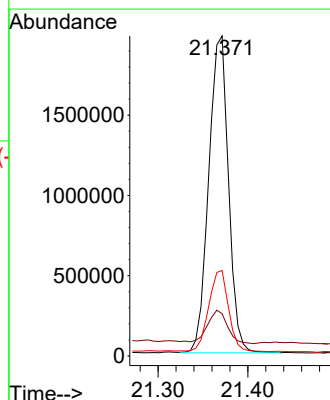
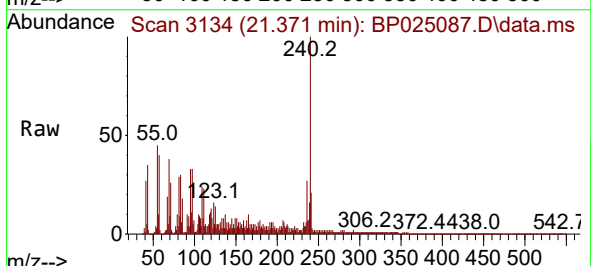
Tgt Ion:240 Resp: 3014534

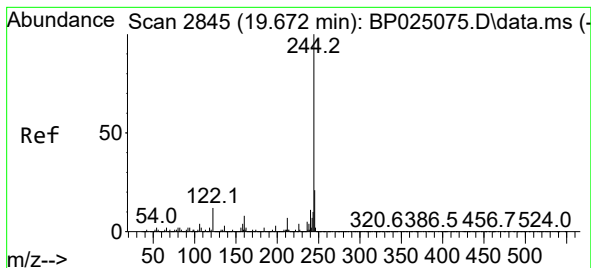
Ion Ratio Lower Upper

240 100

120 13.2 9.0 13.4

236 26.7 20.3 30.5





#79

Terphenyl-d14

Concen: 52.934 ng

RT: 19.707 min Scan# 21

Delta R.T. 0.035 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

Instrument :

BNA_P

ClientSampleId :

PAD-070825-2

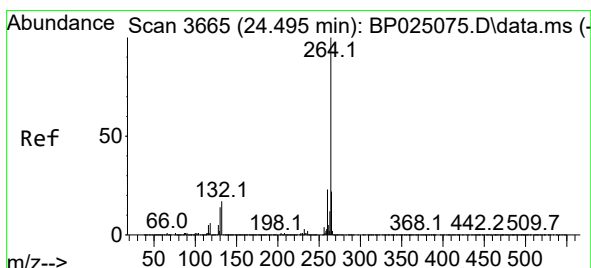
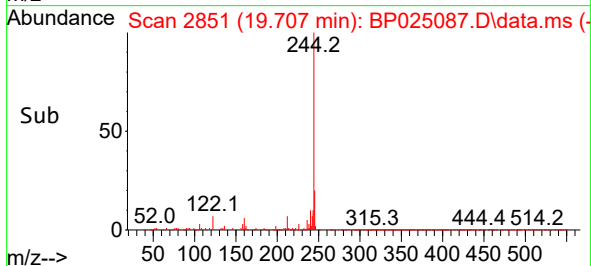
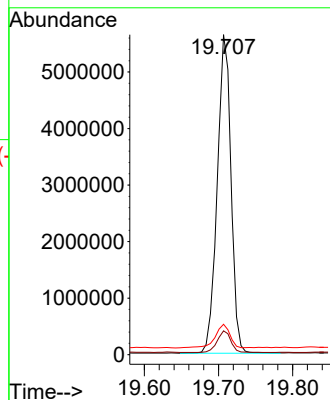
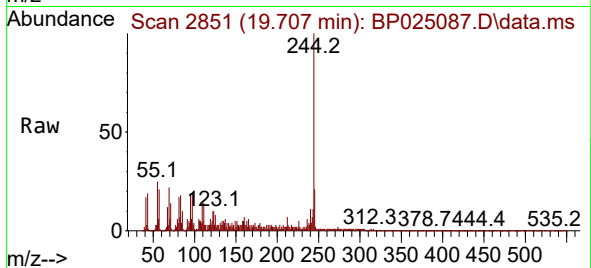
Tgt Ion:244 Resp: 7260514

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.518 min Scan# 3669

Delta R.T. 0.023 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

Tgt Ion:264 Resp: 3455908

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.1 17.7 26.5

