

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025866.D
 Acq On : 25 Sep 2025 20:55
 Operator : CG/JU
 Sample : Q3150-02 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MER Rd Con Ed

Quant Time: Sep 25 22:06:59 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)

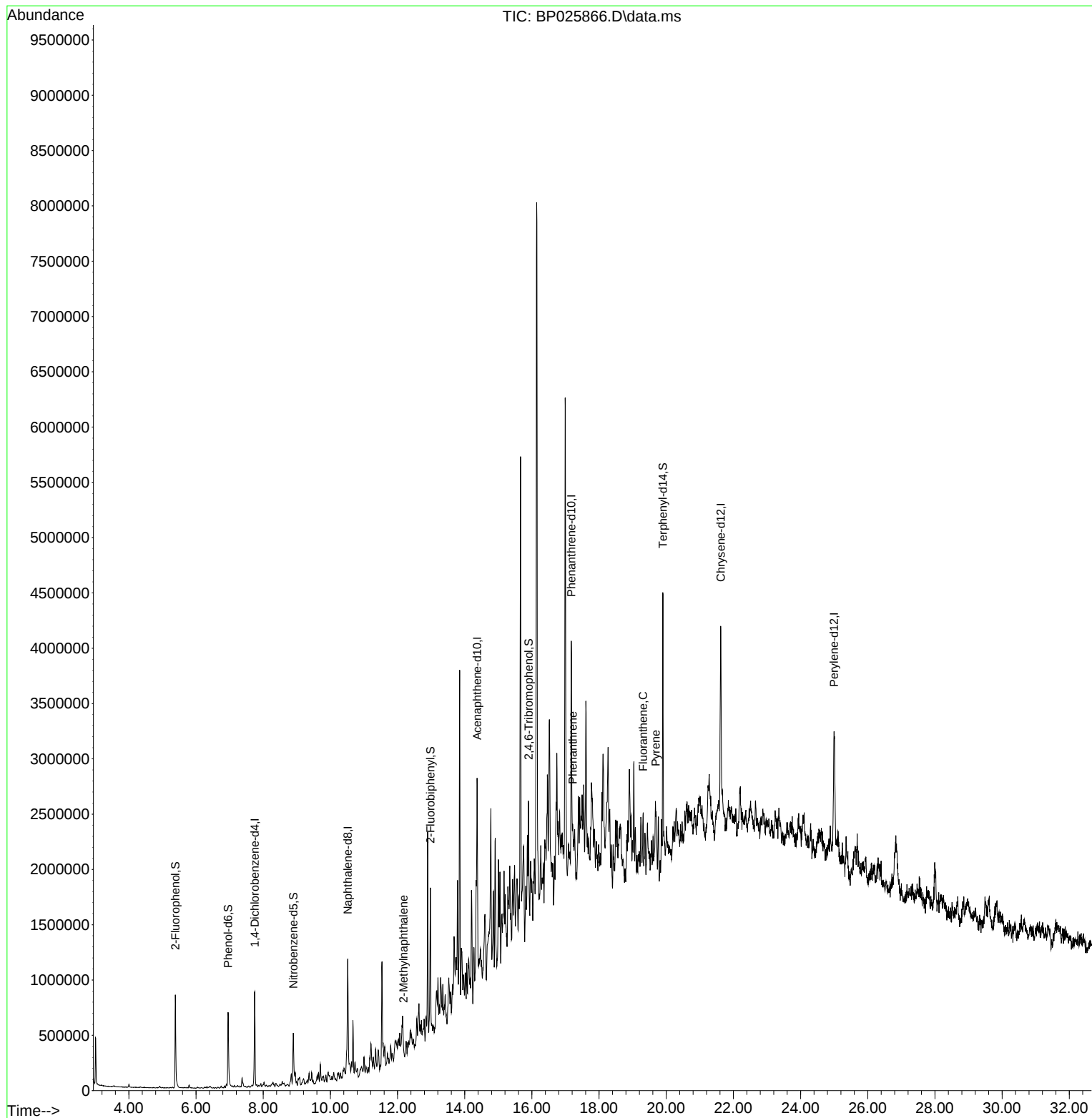
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	238638	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	900536	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	555095	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	1062767	20.000	ng	-0.01
76) Chrysene-d12	21.619	240	1190474	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1371400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	421051	28.469	ng	0.00
7) Phenol-d6	6.955	99	502311	25.552	ng	0.00
23) Nitrobenzene-d5	8.896	82	327401	16.037	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	218147	31.507	ng	0.00
45) 2-Fluorobiphenyl	12.978	172	759101	18.209	ng	-0.01
79) Terphenyl-d14	19.895	244	1154325	17.444	ng	-0.02
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.178	142	67747	2.172	ng	96
71) Phenanthrene	17.219	178	197589	3.278	ng	# 87
75) Fluoranthene	19.307	202	202079	2.795	ng	91
78) Pyrene	19.684	202	282603	3.558	ng	# 95

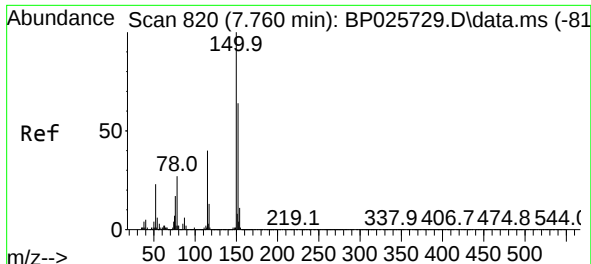
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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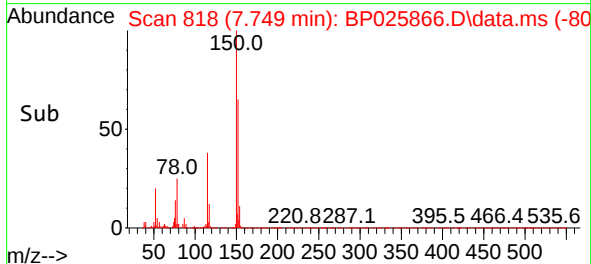
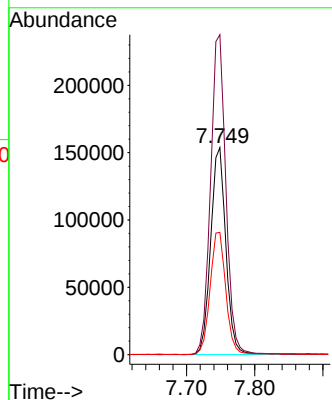
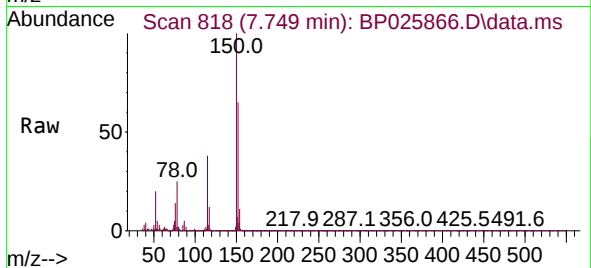




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025866.D
 Acq: 25 Sep 2025 20:55

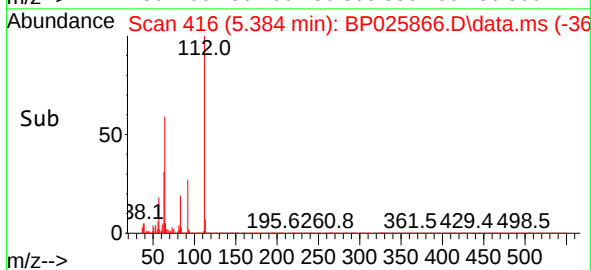
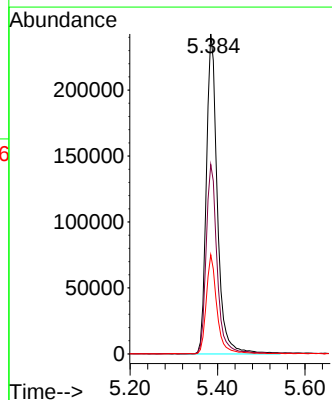
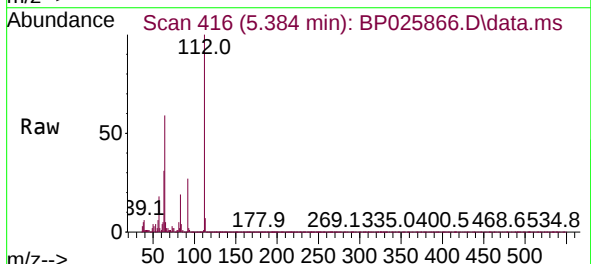
Instrument :
 BNA_P
 ClientSampleId :
 MER Rd Con Ed

Tgt Ion:152 Resp: 238638
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.3 186.5
 115 59.1 50.3 75.5



#5
 2-Fluorophenol
 Concen: 28.469 ng
 RT: 5.384 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BP025866.D
 Acq: 25 Sep 2025 20:55

Tgt Ion:112 Resp: 421051
 Ion Ratio Lower Upper
 112 100
 64 59.2 50.2 75.4
 63 31.0 26.7 40.1

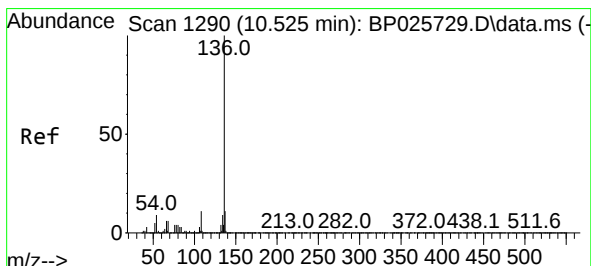
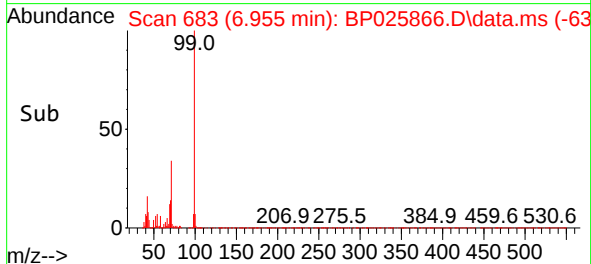
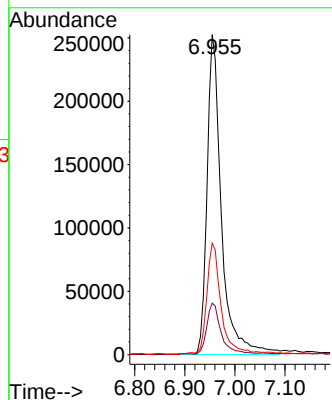
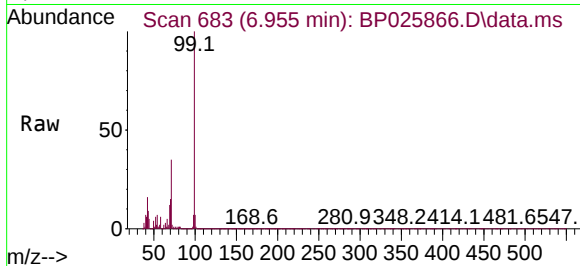




#7
Phenol-d6
Concen: 25.552 ng
RT: 6.955 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

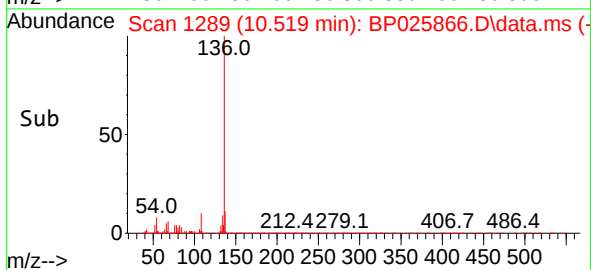
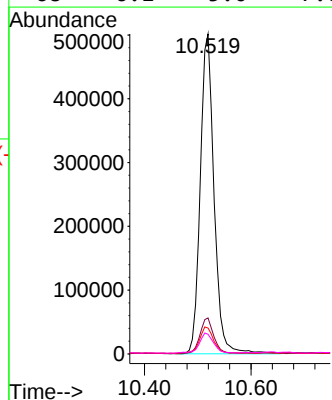
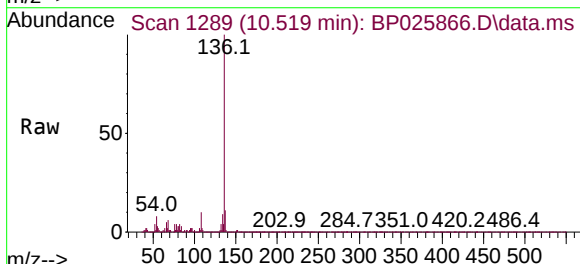
Instrument :
BNA_P
ClientSampleId :
MER Rd Con Ed

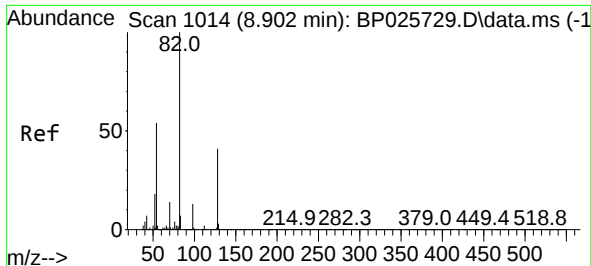
Tgt Ion: 99 Resp: 502311
Ion Ratio Lower Upper
99 100
42 16.1 15.6 23.4
71 34.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

Tgt Ion:136 Resp: 900536
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.1 7.5 11.3
68 6.1 5.0 7.6

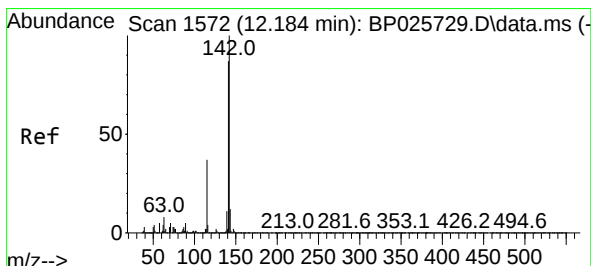
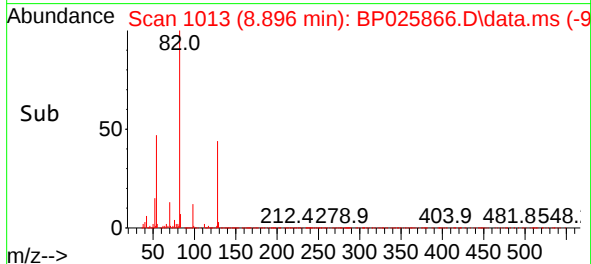
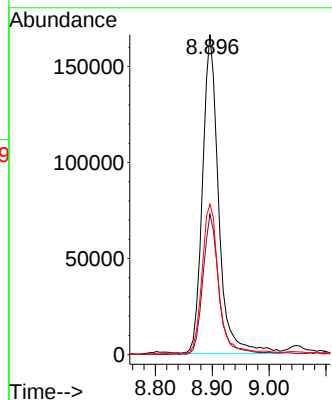
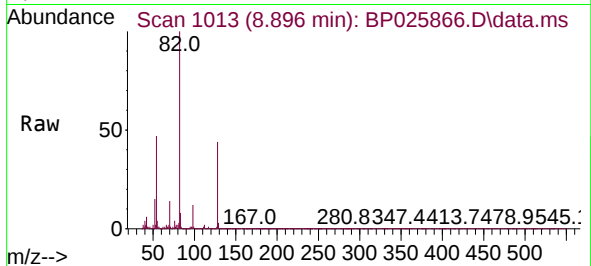




#23
Nitrobenzene-d5
Concen: 16.037 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

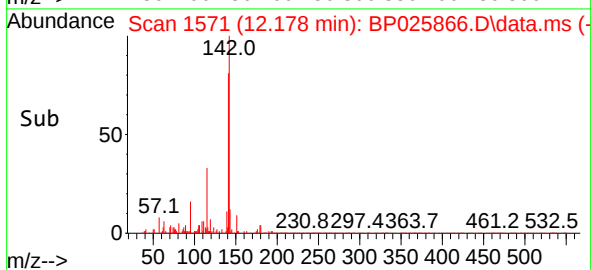
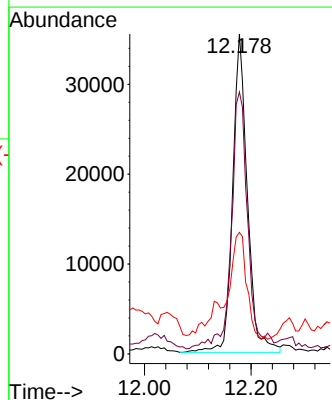
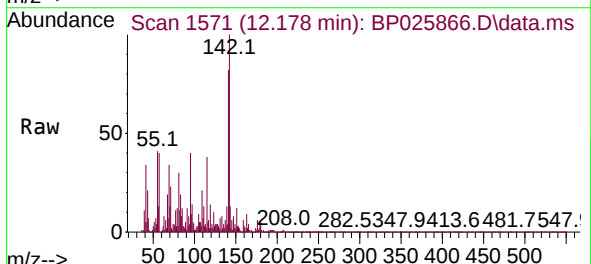
Instrument :
BNA_P
ClientSampleId :
MER Rd Con Ed

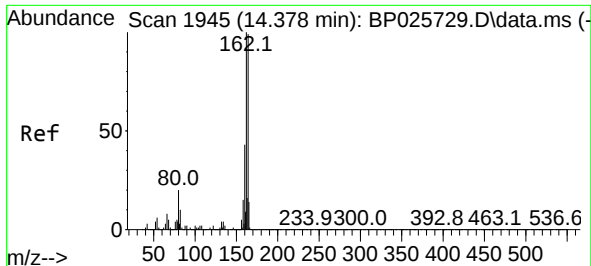
Tgt Ion: 82 Resp: 327401
Ion Ratio Lower Upper
82 100
128 43.9 32.9 49.3
54 47.0 43.4 65.2



#37
2-Methylnaphthalene
Concen: 2.172 ng
RT: 12.178 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

Tgt Ion: 142 Resp: 67747
Ion Ratio Lower Upper
142 100
141 81.9 69.6 104.4
115 38.0 30.0 45.0

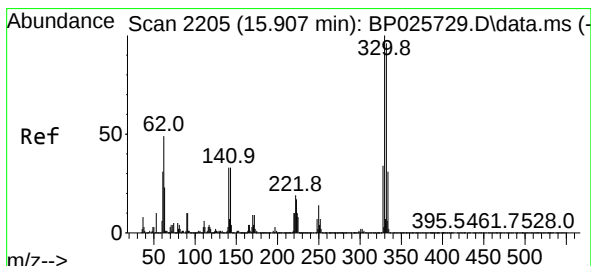
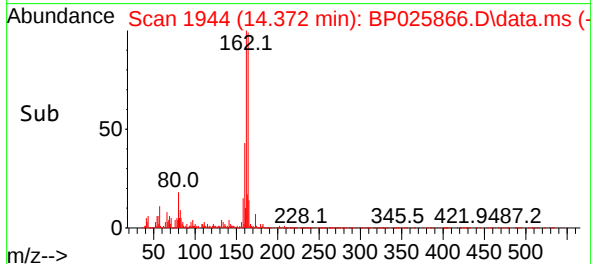
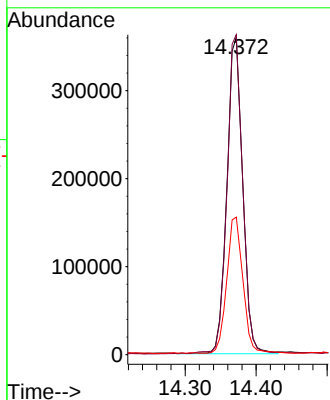
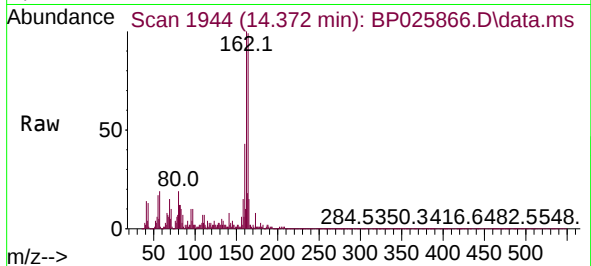




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

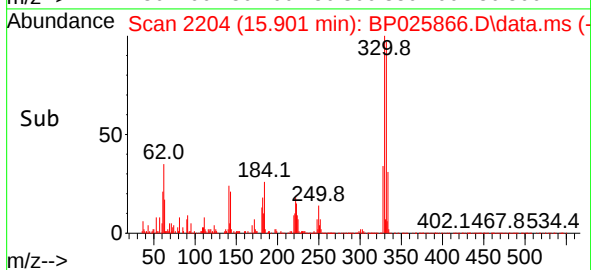
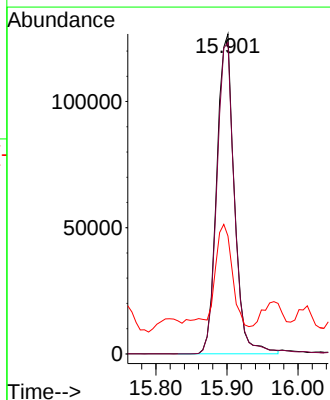
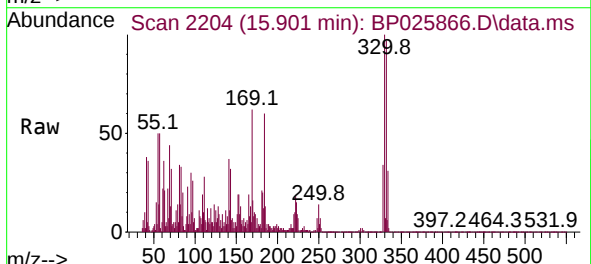
Instrument :
BNA_P
ClientSampleId :
MER Rd Con Ed

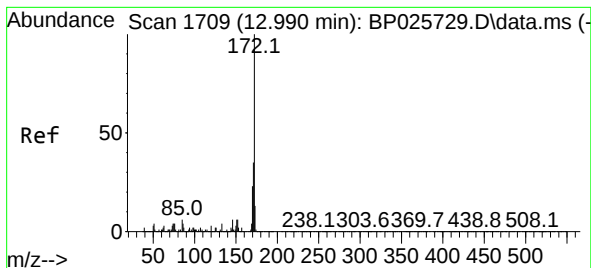
Tgt Ion:164 Resp: 555095
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 43.4 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 31.507 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

Tgt Ion:330 Resp: 218147
Ion Ratio Lower Upper
330 100
332 98.9 76.9 115.3
141 32.3 31.0 46.4

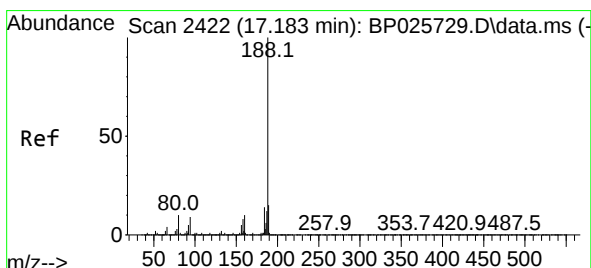
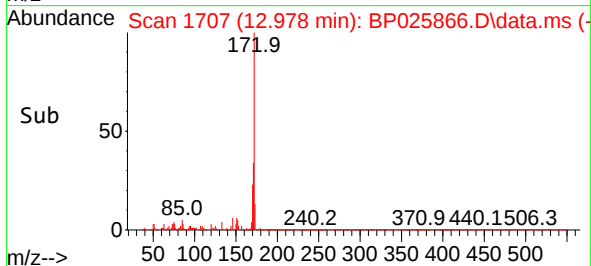
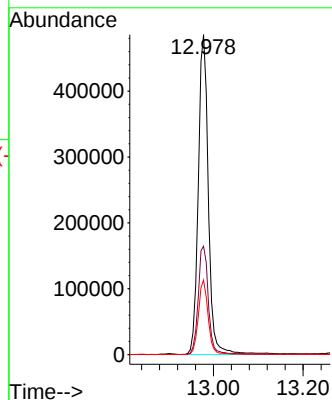
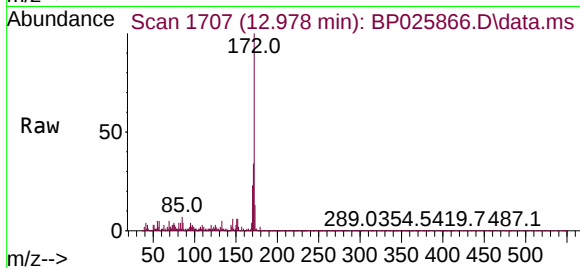




#45
2-Fluorobiphenyl
Concen: 18.209 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

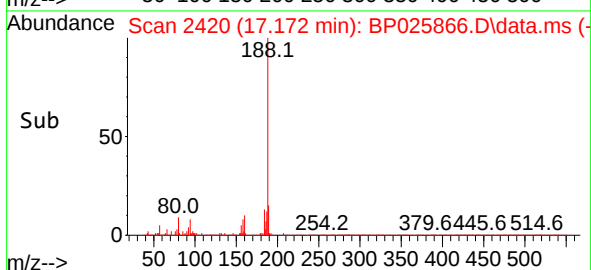
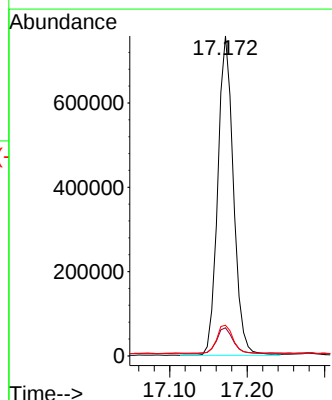
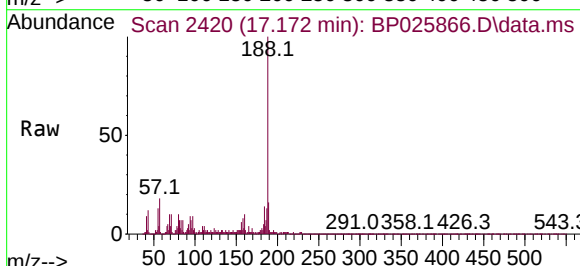
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BNA_P
ClientSampleId :
MER Rd Con Ed

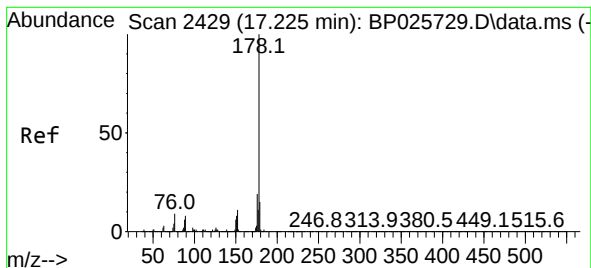
Tgt Ion:172 Resp: 759101
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.6
170 23.3 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

Tgt Ion:188 Resp: 1062767
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 9.6 7.7 11.5





#71

Phenanthrene

Concen: 3.278 ng

RT: 17.219 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025866.D

Acq: 25 Sep 2025 20:55

Instrument :

BNA_P

ClientSampleId :

MER Rd Con Ed

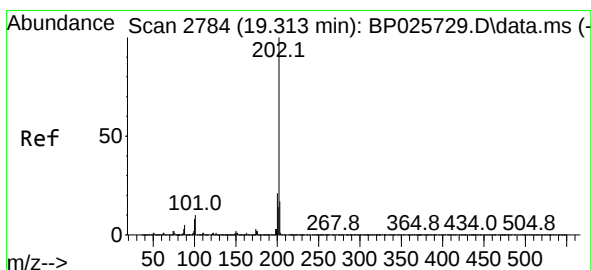
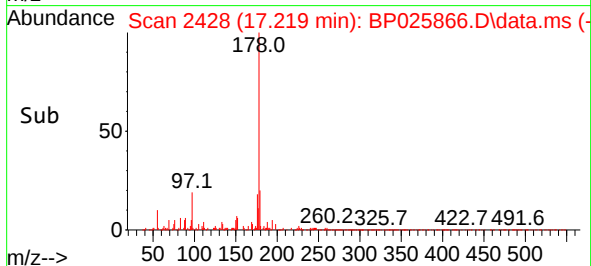
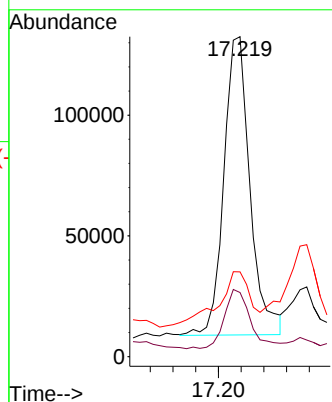
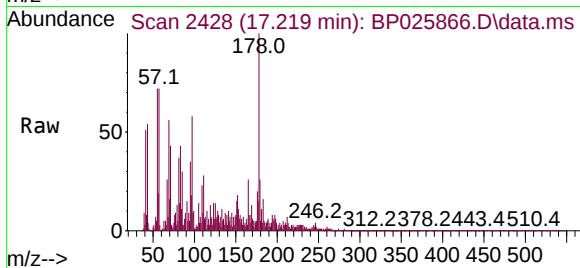
Tgt Ion:178 Resp: 197589

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

179 26.5 12.2 18.4#



#75

Fluoranthene

Concen: 2.795 ng

RT: 19.307 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BP025866.D

Acq: 25 Sep 2025 20:55

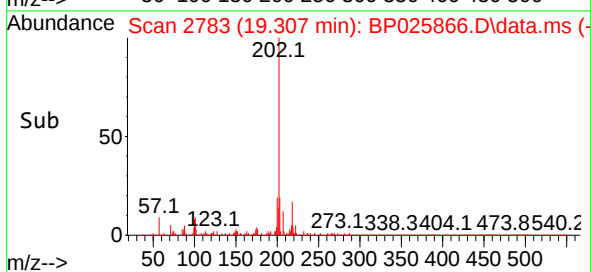
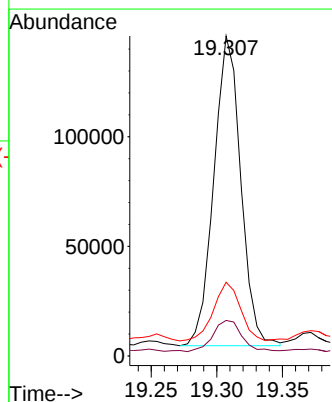
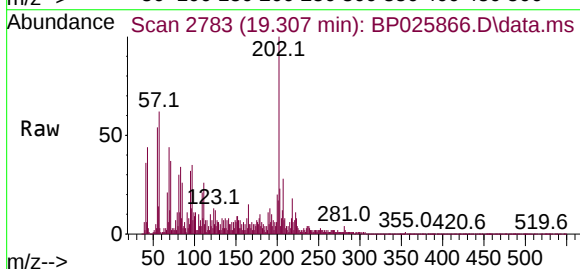
Tgt Ion:202 Resp: 202079

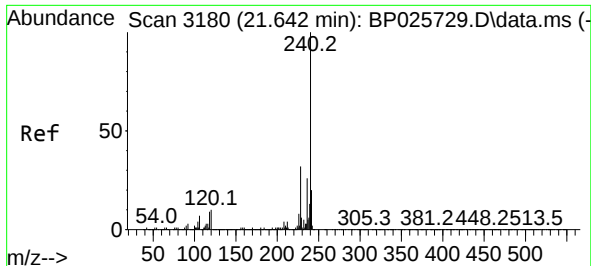
Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.4

203 23.0 0.0 37.4

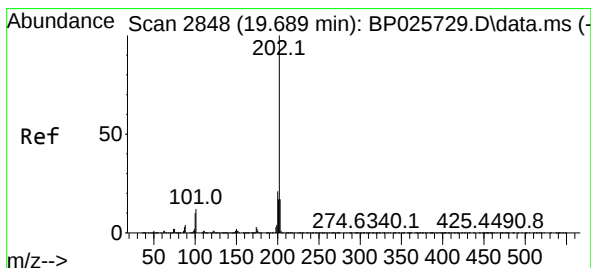
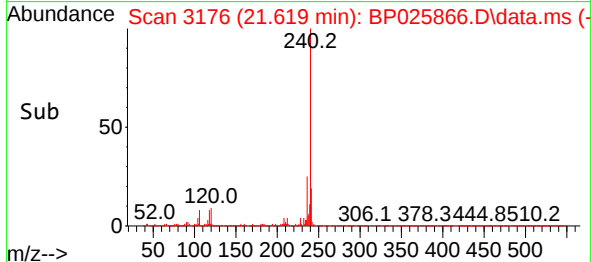
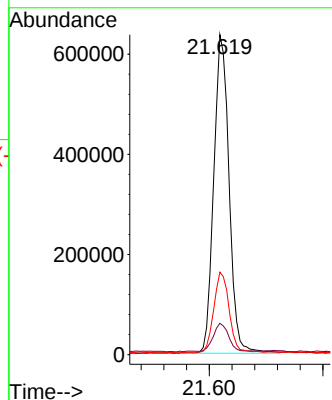
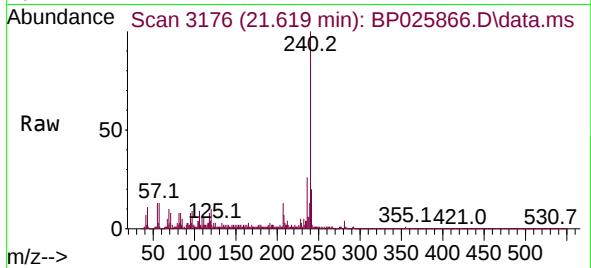




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

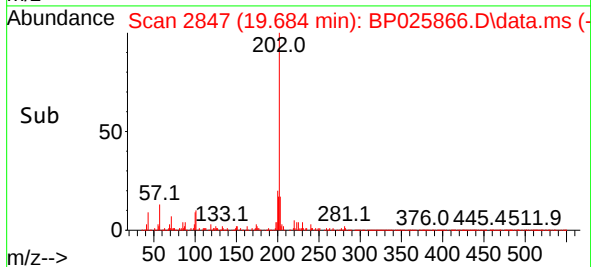
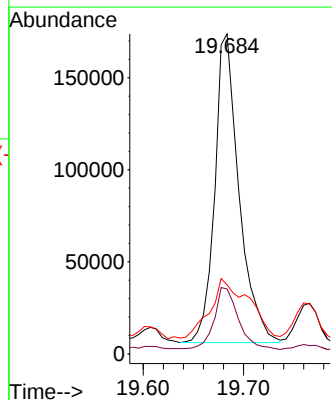
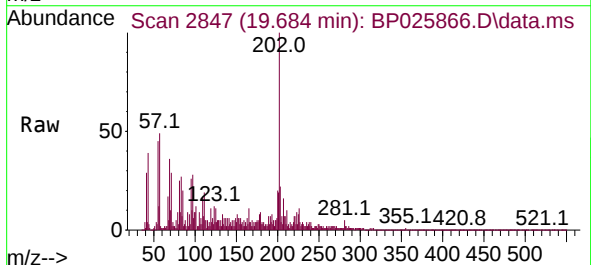
Instrument :
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MER Rd Con Ed

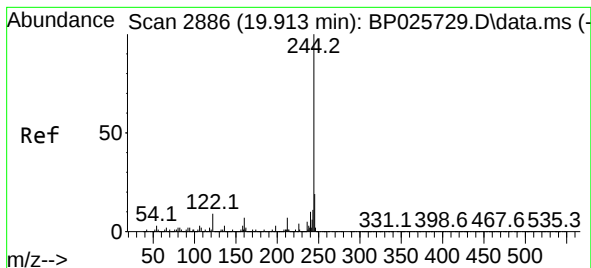
Tgt Ion:240 Resp: 1190474
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.8 20.7 31.1



#78
Pyrene
Concen: 3.558 ng
RT: 19.684 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP025866.D
Acq: 25 Sep 2025 20:55

Tgt Ion:202 Resp: 282603
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.6
203 21.6 13.9 20.9#





#79

Terphenyl-d14

Concen: 17.444 ng

RT: 19.895 min Scan# 2883

Delta R.T. -0.017 min

Lab File: BP025866.D

Acq: 25 Sep 2025 20:55

Instrument :

BNA_P

ClientSampleId :

MER Rd Con Ed

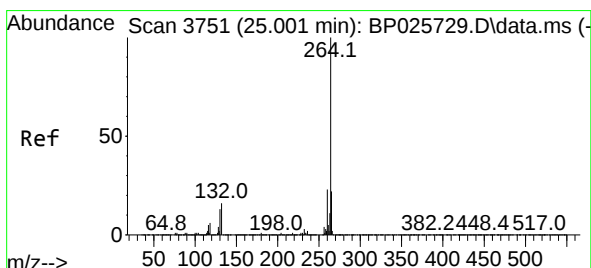
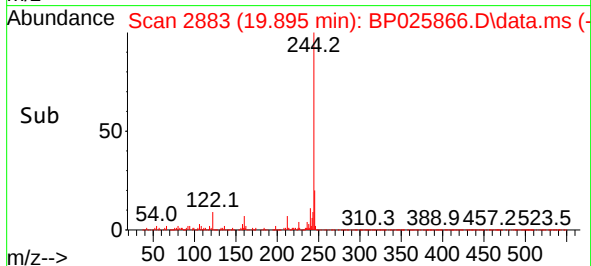
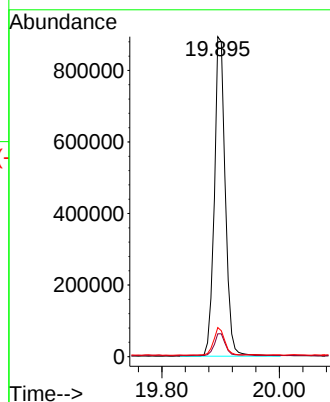
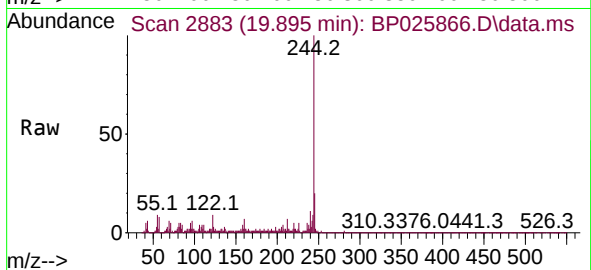
Tgt Ion:244 Resp: 1154325

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.1 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: BP025866.D

Acq: 25 Sep 2025 20:55

Tgt Ion:264 Resp: 1371400

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 22.5 17.3 25.9

