

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
 Data File : BP025378.D
 Acq On : 13 Aug 2025 10:32
 Operator : CG/JU
 Sample : PB169210BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169210BL

Quant Time: Aug 13 10:57:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	188983	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	717580	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	426281	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	848111	20.000	ng	-0.01
76) Chrysene-d12	21.672	240	1035402	20.000	ng	0.01
86) Perylene-d12	25.071	264	1197801	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1451749	123.553	ng	0.00
7) Phenol-d6	6.972	99	1684797	108.950	ng	0.00
23) Nitrobenzene-d5	8.937	82	1117291	86.261	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	665492	156.489	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	2537490	82.218	ng	0.00
79) Terphenyl-d14	19.942	244	4353513	79.417	ng	0.00

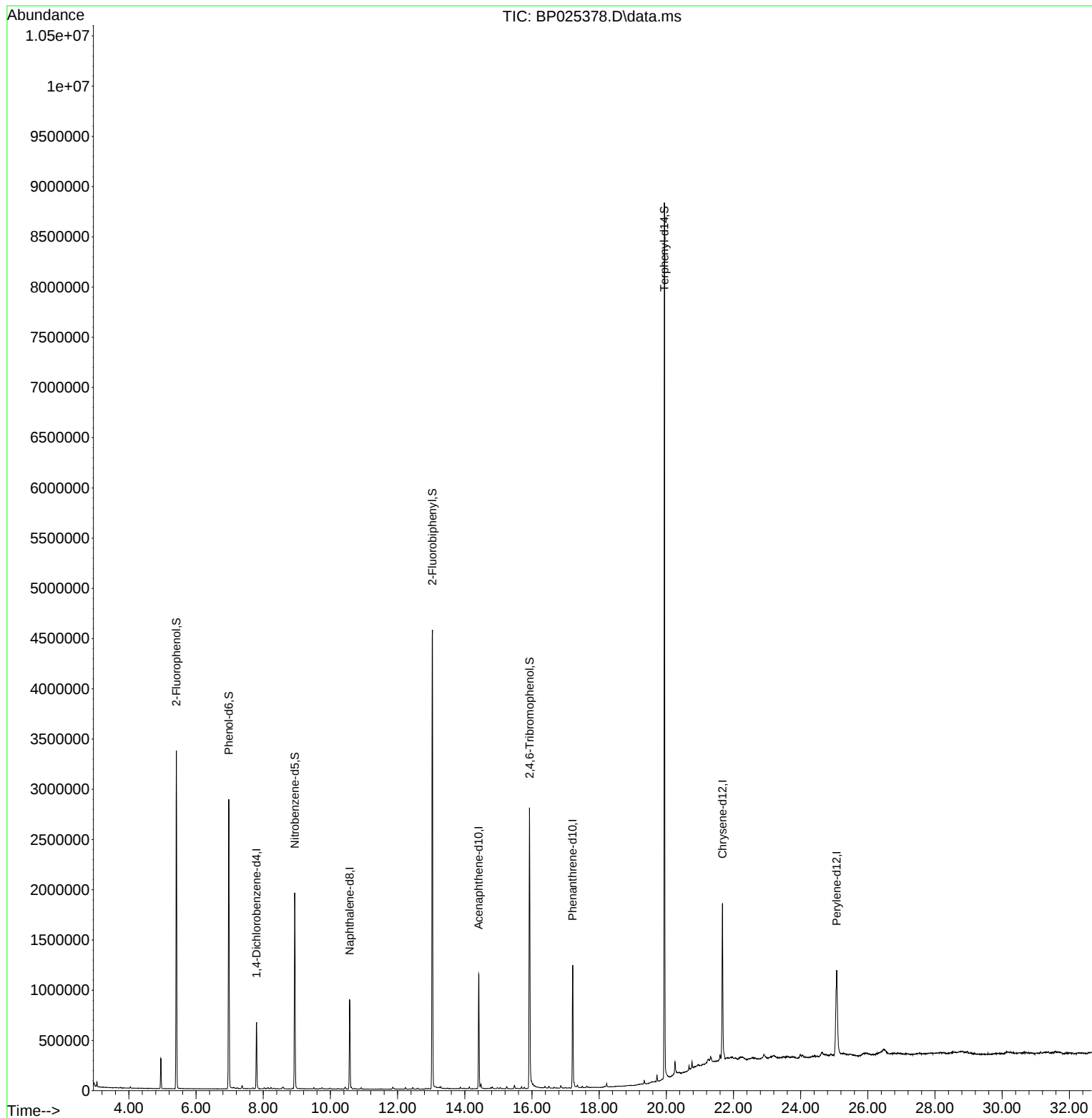
Target Compounds	Qvalue

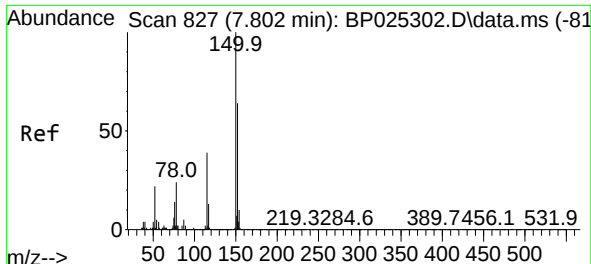
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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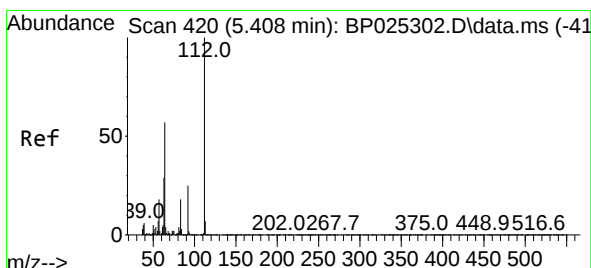
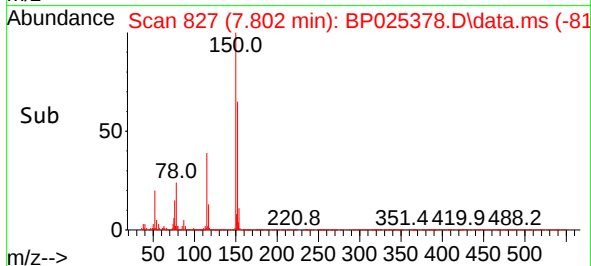
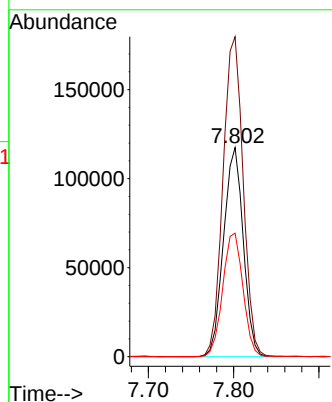
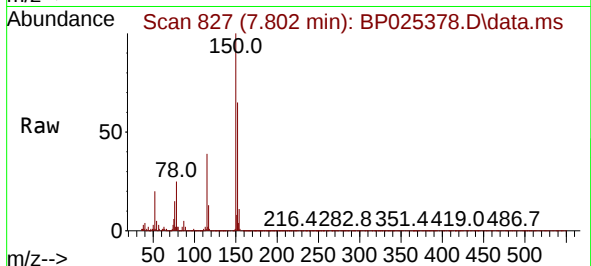




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025378.D
 Acq: 13 Aug 2025 10:32

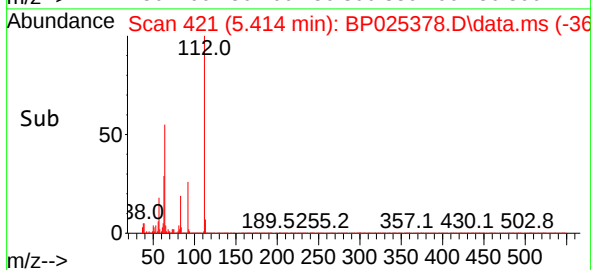
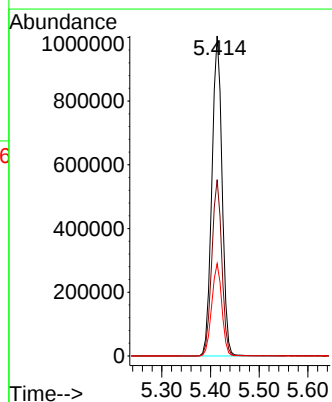
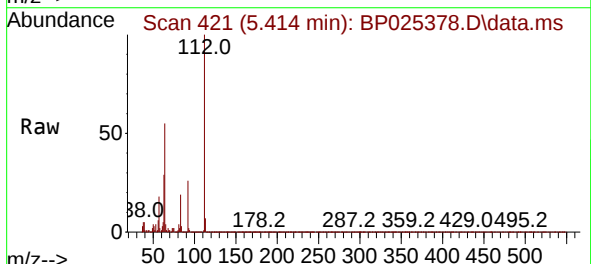
Instrument :
 BNA_P
 ClientSampleId :
 PB169210BL

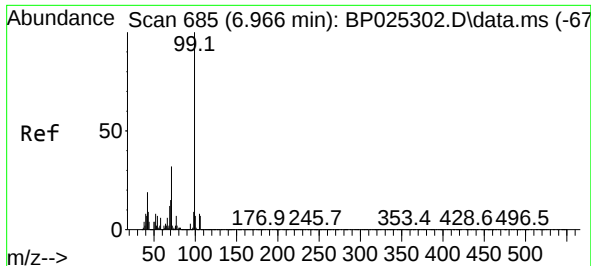
Tgt Ion:152 Resp: 188983
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.1 187.7
 115 59.1 48.4 72.6



#5
 2-Fluorophenol
 Concen: 123.553 ng
 RT: 5.414 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: BP025378.D
 Acq: 13 Aug 2025 10:32

Tgt Ion:112 Resp: 1451749
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.3 67.9
 63 28.9 23.0 34.6

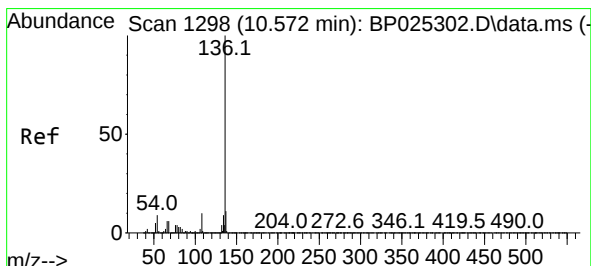
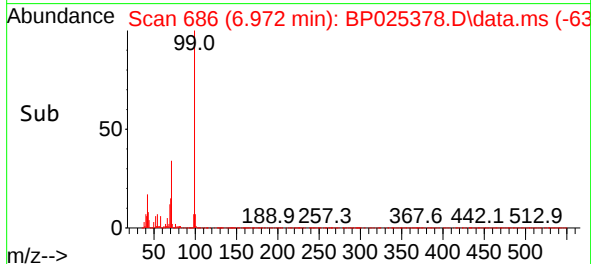
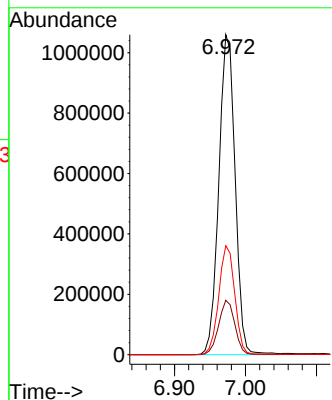
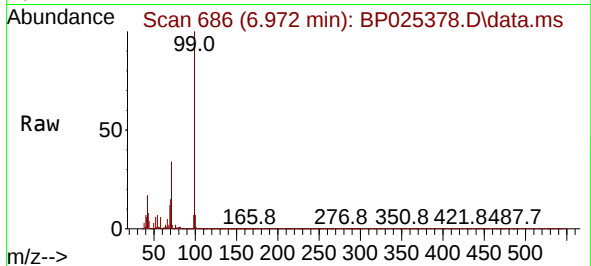




#7
Phenol-d6
Concen: 108.950 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

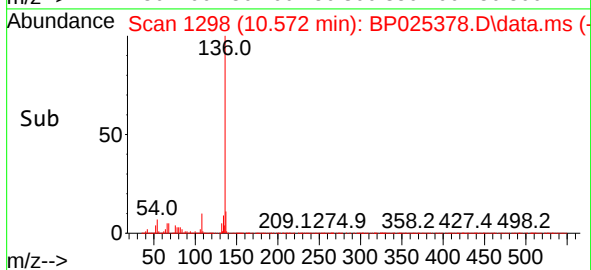
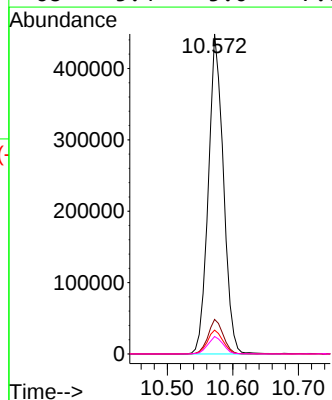
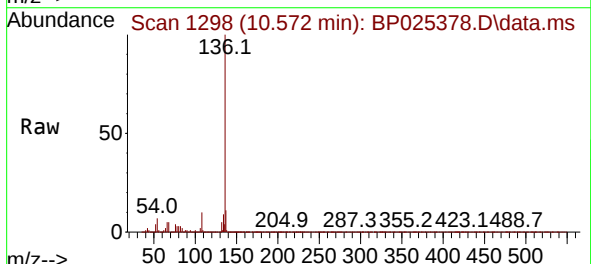
Instrument :
BNA_P
ClientSampleId :
PB169210BL

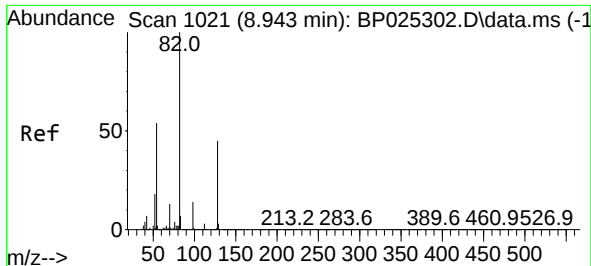
Tgt Ion: 99 Resp: 1684797
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Tgt Ion: 136 Resp: 717580
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.4 7.0 10.6
68 5.4 5.0 7.6

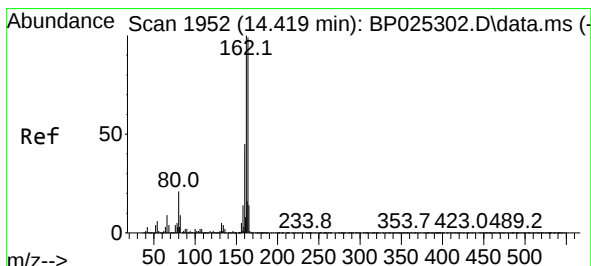
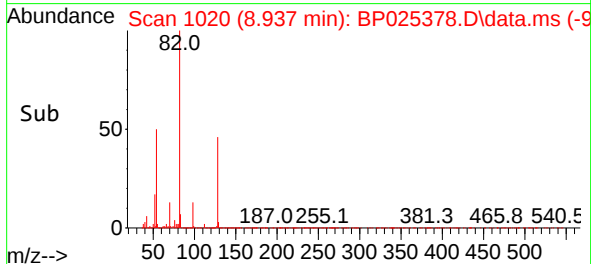
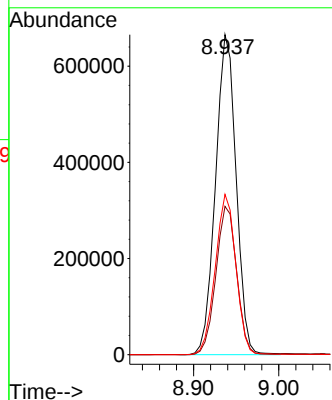
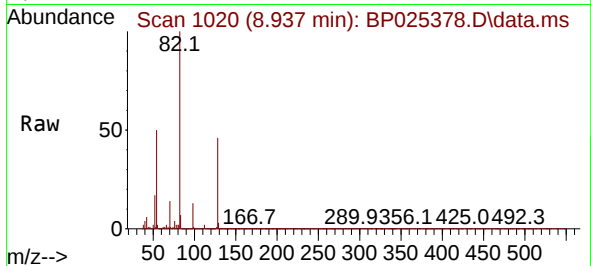




#23
Nitrobenzene-d5
Concen: 86.261 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

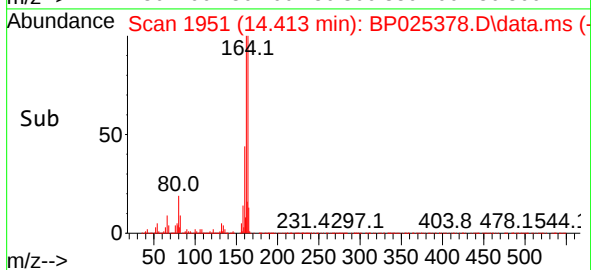
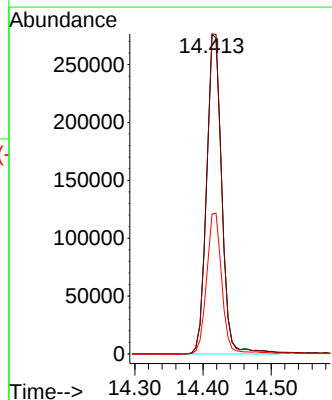
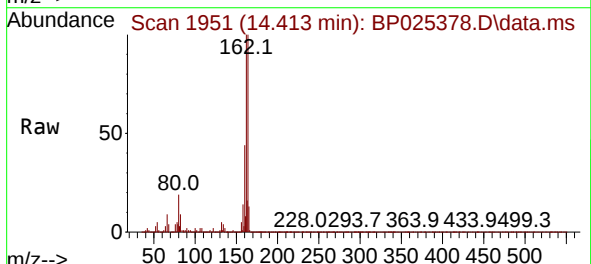
Instrument :
BNA_P
ClientSampleId :
PB169210BL

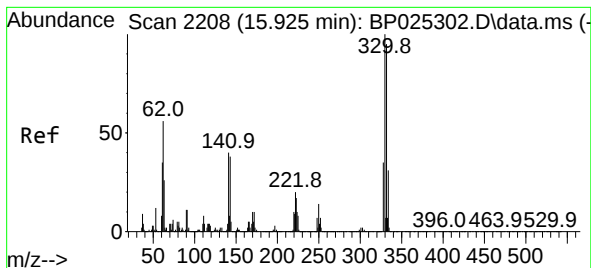
Tgt Ion: 82 Resp: 1117291
Ion Ratio Lower Upper
82 100
128 46.4 35.4 53.2
54 50.1 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Tgt Ion:164 Resp: 426281
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 43.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 156.489 ng

RT: 15.931 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025378.D

Acq: 13 Aug 2025 10:32

Instrument :

BNA_P

ClientSampleId :

PB169210BL

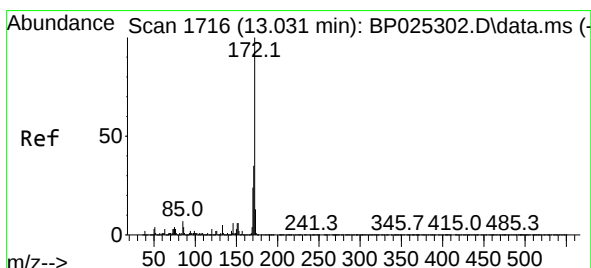
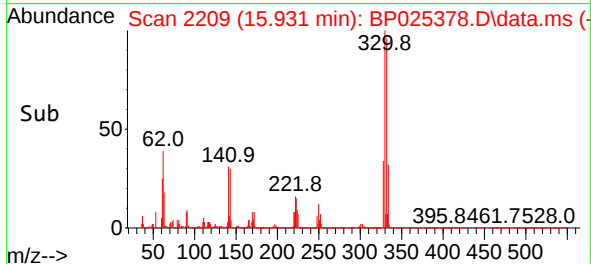
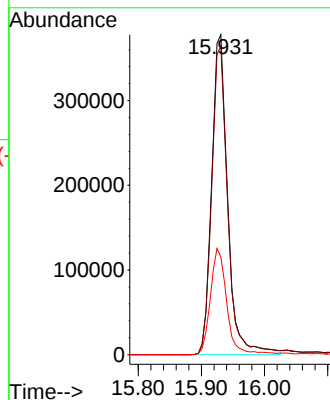
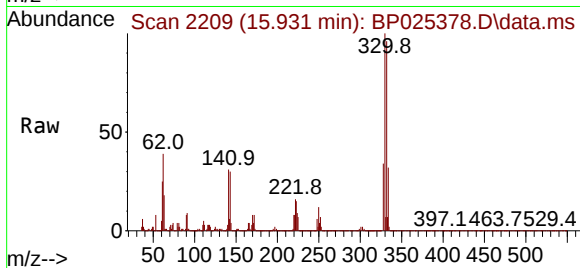
Tgt Ion:330 Resp: 665492

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 33.8 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 82.218 ng

RT: 13.037 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BP025378.D

Acq: 13 Aug 2025 10:32

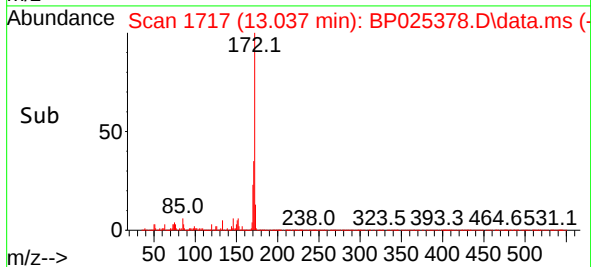
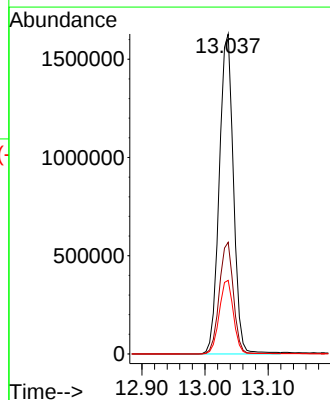
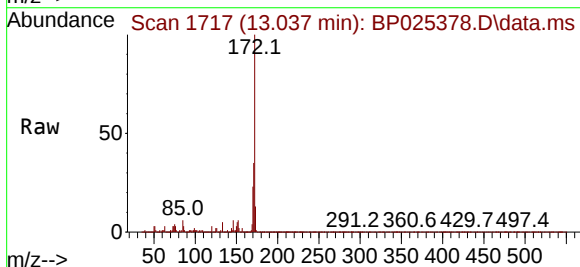
Tgt Ion:172 Resp: 2537490

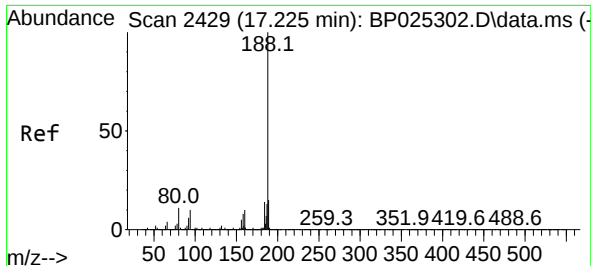
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.0 18.9 28.3

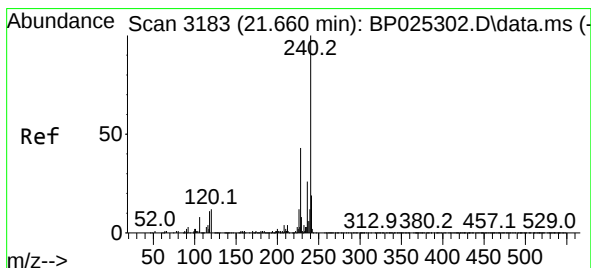
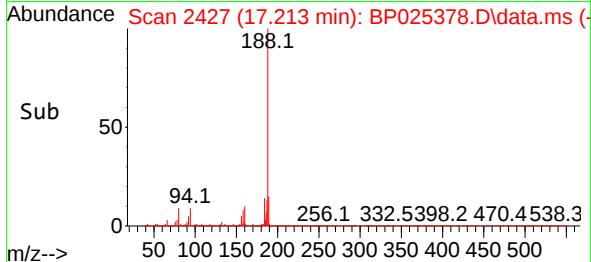
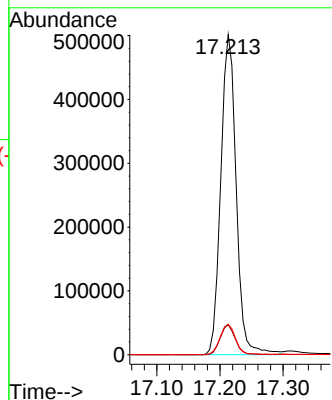
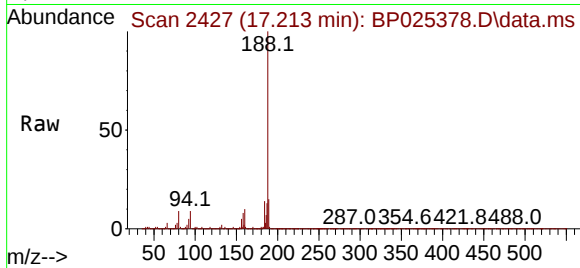




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2429
Delta R.T. -0.012 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

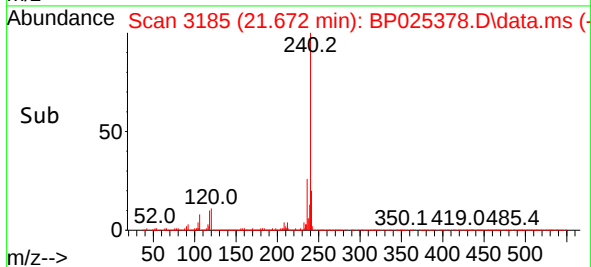
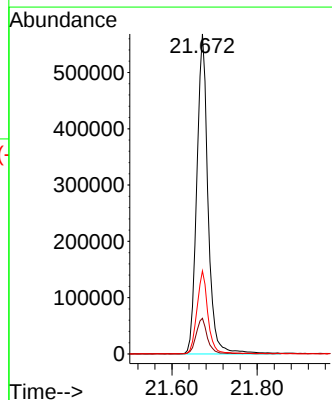
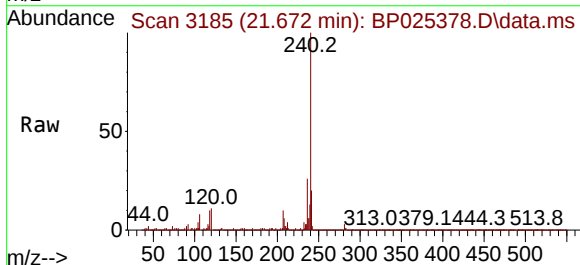
Instrument :
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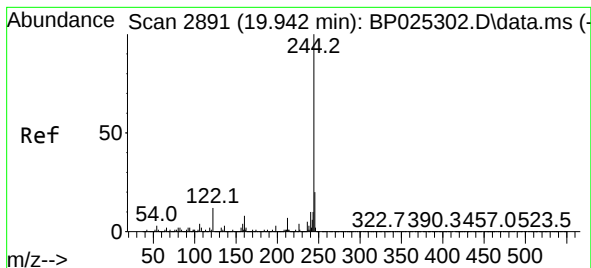
Tgt Ion:188 Resp: 848111
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 9.5 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Tgt Ion:240 Resp: 1035402
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 79.417 ng

RT: 19.942 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025378.D

Acq: 13 Aug 2025 10:32

Instrument :

BNA_P

ClientSampleId :

PB169210BL

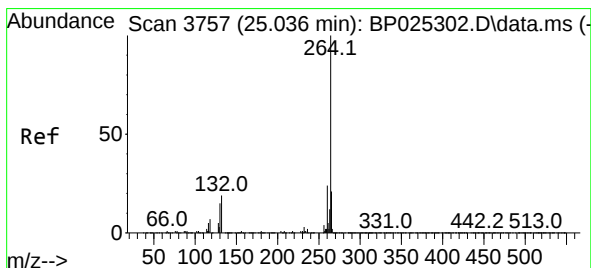
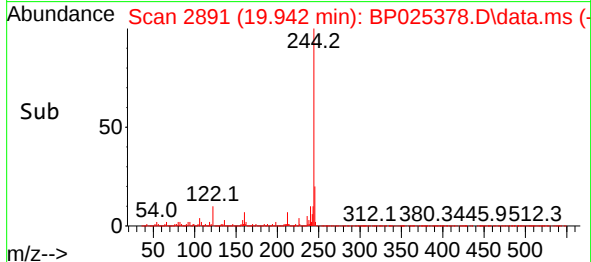
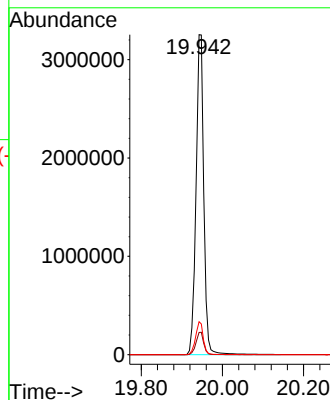
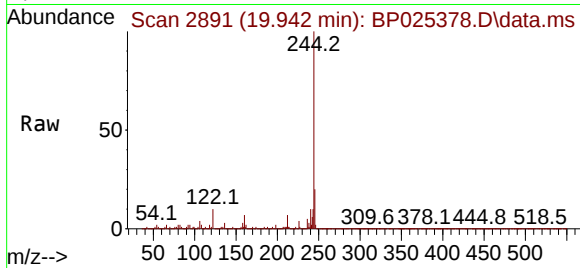
Tgt Ion:244 Resp: 4353513

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.071 min Scan# 3763

Delta R.T. 0.035 min

Lab File: BP025378.D

Acq: 13 Aug 2025 10:32

Tgt Ion:264 Resp: 1197801

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.1 17.1 25.7

