

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025830.D
 Acq On : 23 Sep 2025 15:14
 Operator : CG/JU
 Sample : Q3135-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-121

Quant Time: Sep 23 15:35:47 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	7.749	152	171722	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	662828	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	417017	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	818802	20.000	ng	-0.01
76) Chrysene-d12	21.618	240	914795	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1064834	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	766599	72.032	ng	0.00
7) Phenol-d6	6.966	99	702137	49.636	ng	0.02
23) Nitrobenzene-d5	8.896	82	1318449	87.742	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	746121	143.445	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2764394	88.265	ng	-0.01
79) Terphenyl-d14	19.907	244	4179563	82.193	ng	0.00

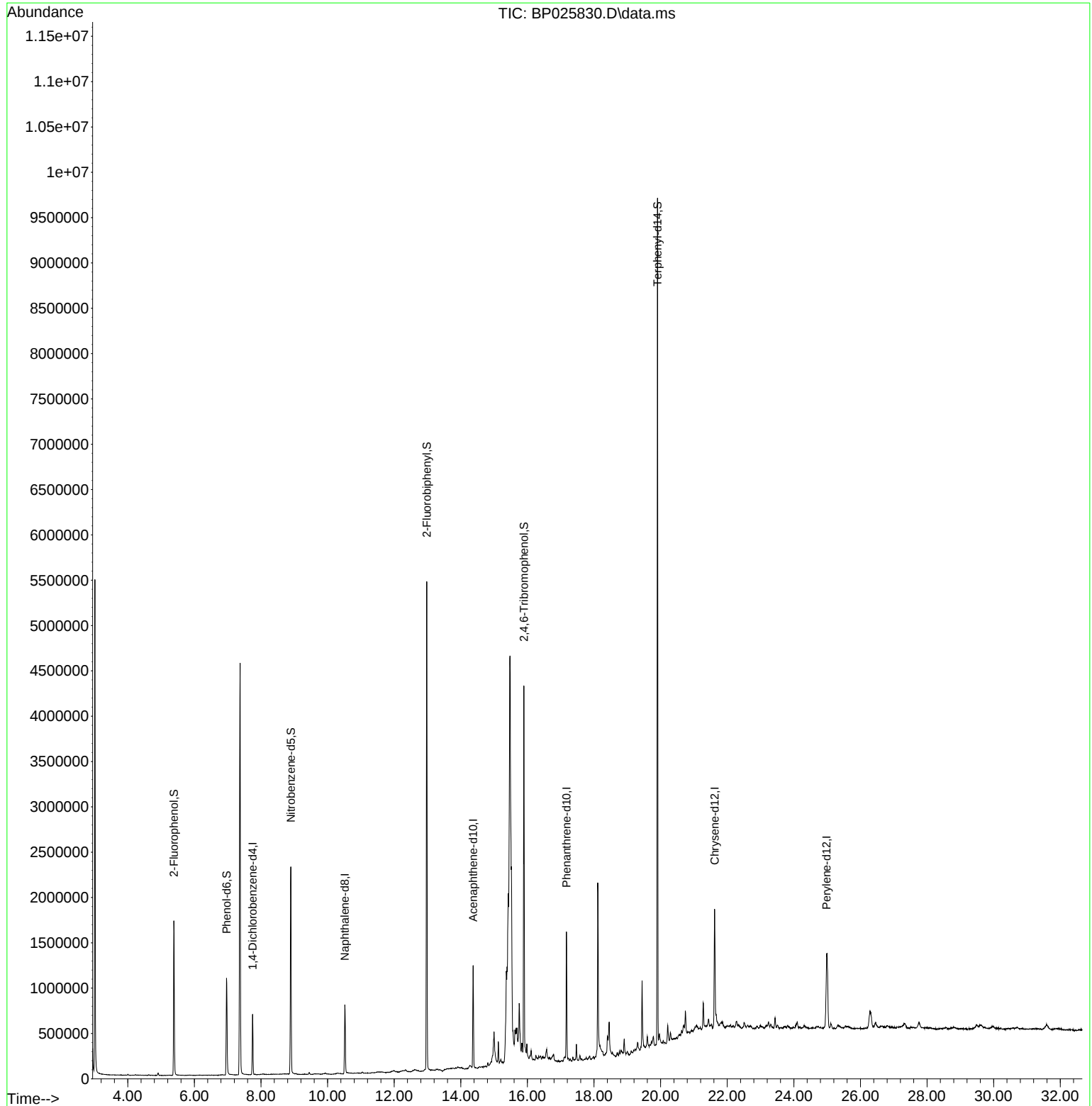
Target Compounds	Qvalue

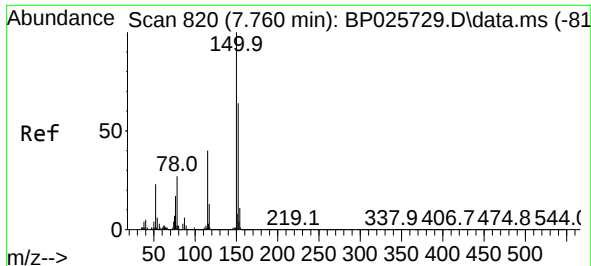
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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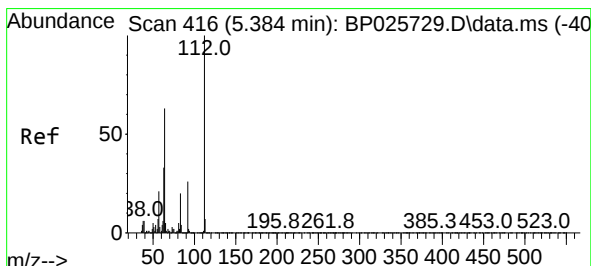
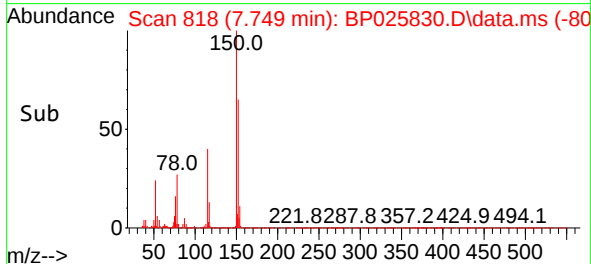
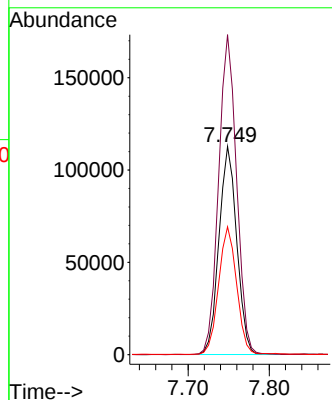
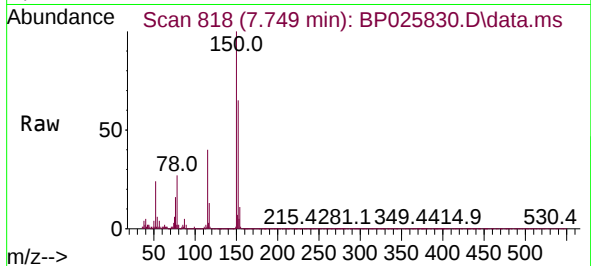




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025830.D
 Acq: 23 Sep 2025 15:14

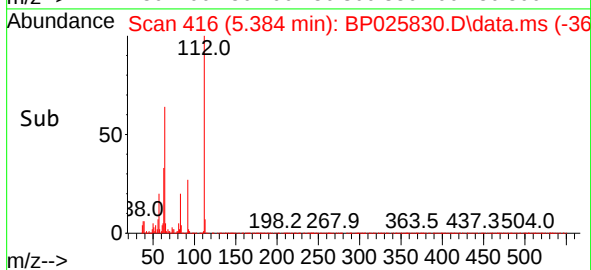
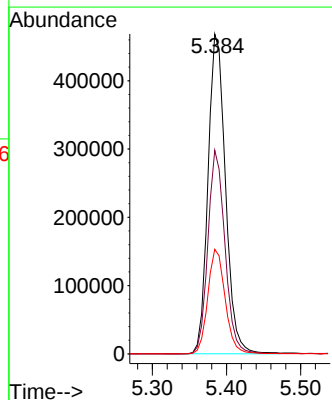
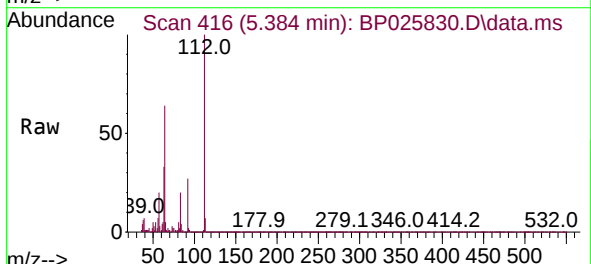
Instrument :
 BNA_P
 ClientSampleId :
 MH-121

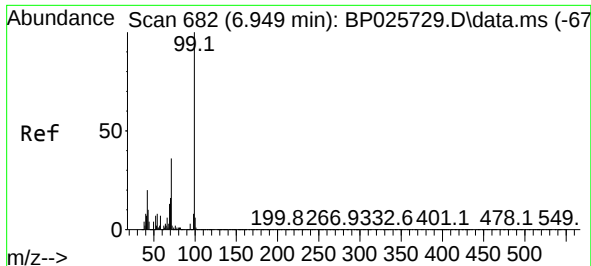
Tgt Ion:152 Resp: 171722
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.3 186.5
 115 61.4 50.3 75.5



#5
 2-Fluorophenol
 Concen: 72.032 ng
 RT: 5.384 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: BP025830.D
 Acq: 23 Sep 2025 15:14

Tgt Ion:112 Resp: 766599
 Ion Ratio Lower Upper
 112 100
 64 63.6 50.2 75.4
 63 32.7 26.7 40.1

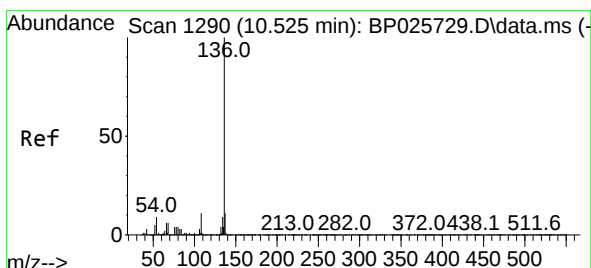
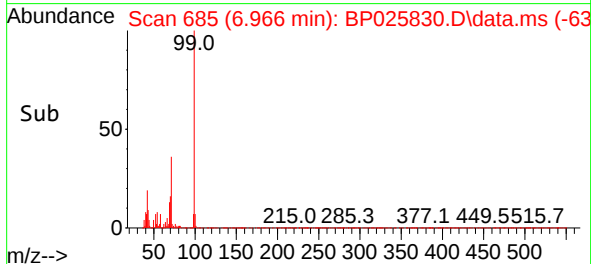
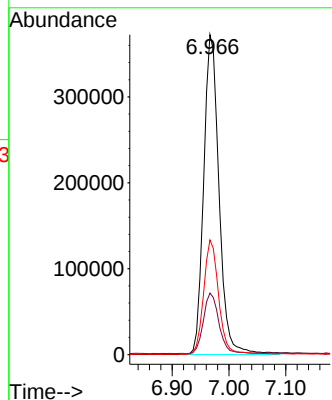
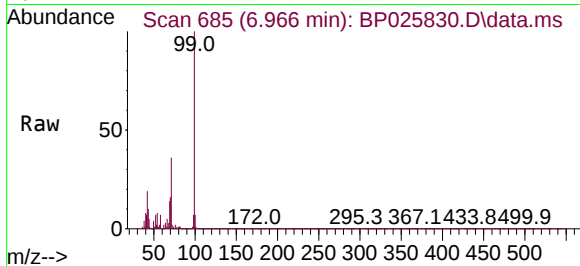




#7
Phenol-d6
Concen: 49.636 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.018 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

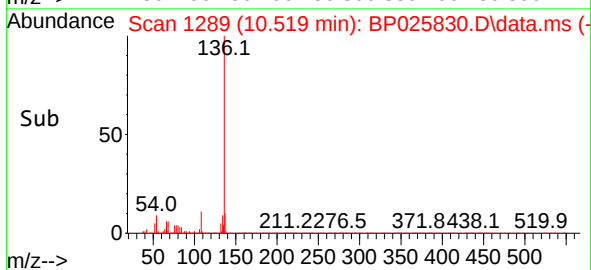
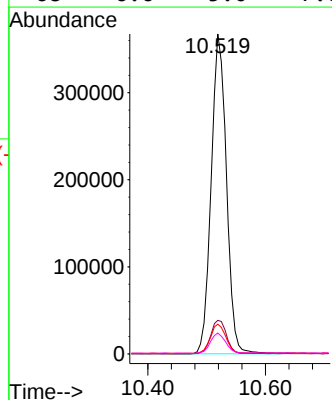
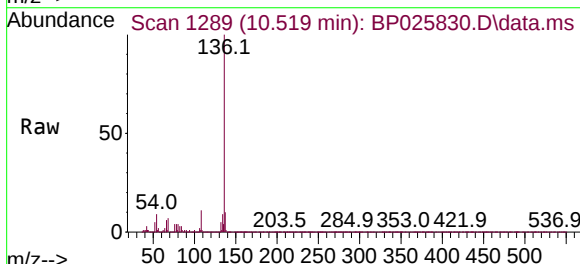
Instrument :
BNA_P
ClientSampleId :
MH-121

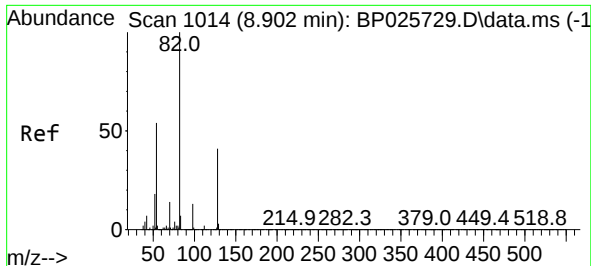
Tgt Ion: 99 Resp: 702137
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 35.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

Tgt Ion: 136 Resp: 662828
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.3 7.5 11.3
68 6.6 5.0 7.6

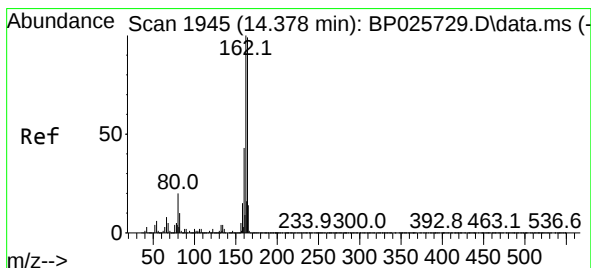
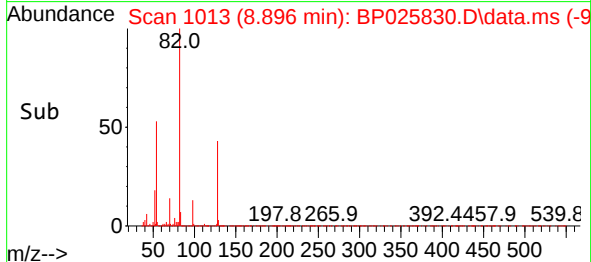
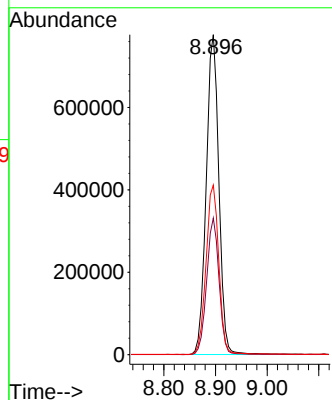
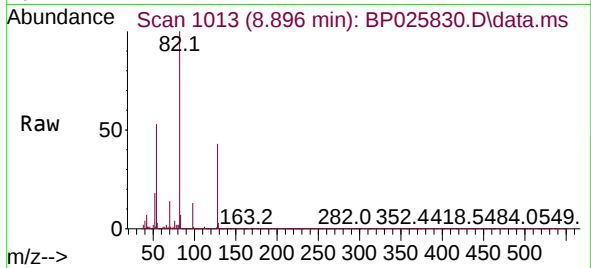




#23
Nitrobenzene-d5
Concen: 87.742 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

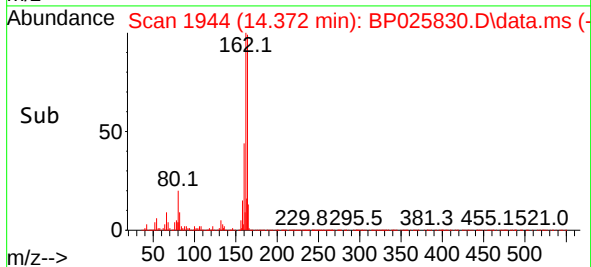
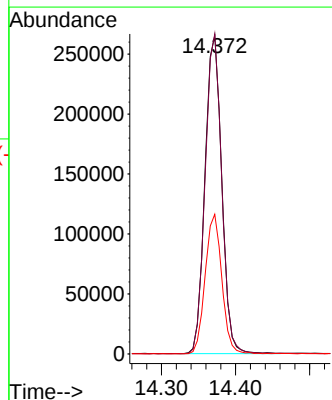
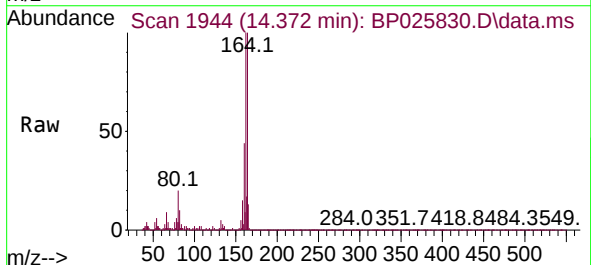
Instrument :
BNA_P
ClientSampleId :
MH-121

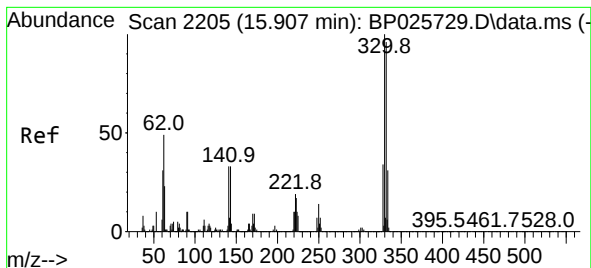
Tgt Ion: 82 Resp: 1318449
Ion Ratio Lower Upper
82 100
128 42.7 32.9 49.3
54 53.0 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

Tgt Ion: 164 Resp: 417017
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 43.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 143.445 ng

RT: 15.895 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BP025830.D

Acq: 23 Sep 2025 15:14

Instrument :

BNA_P

ClientSampleId :

MH-121

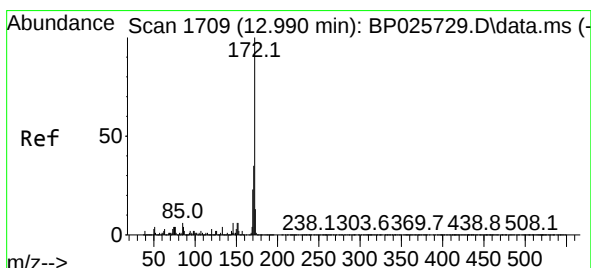
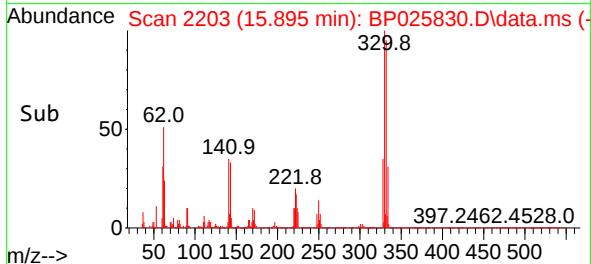
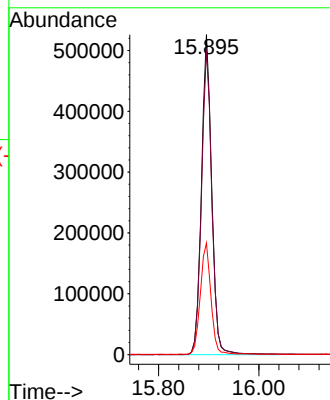
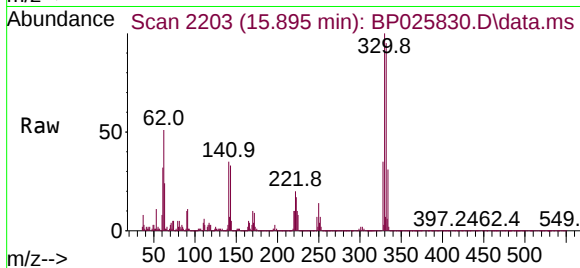
Tgt Ion:330 Resp: 746121

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 36.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 88.265 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025830.D

Acq: 23 Sep 2025 15:14

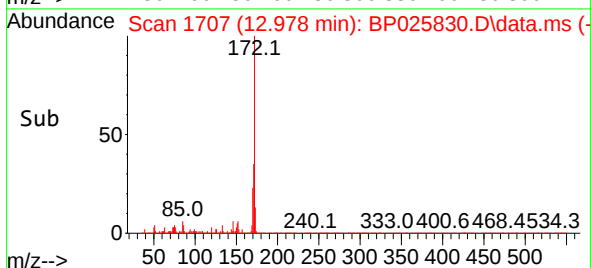
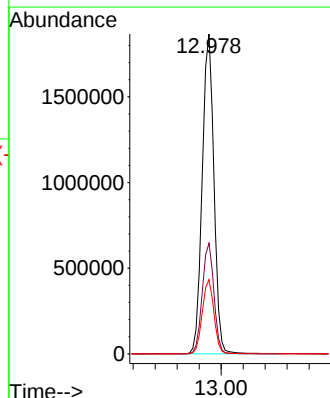
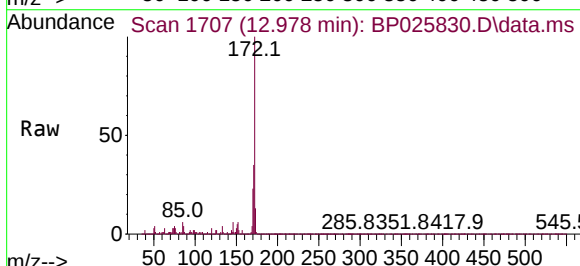
Tgt Ion:172 Resp: 2764394

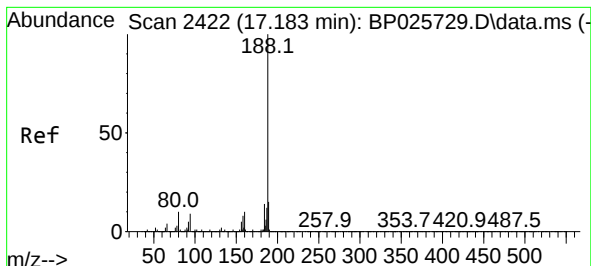
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.172 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025830.D

Acq: 23 Sep 2025 15:14

Instrument :

BNA_P

ClientSampleId :

MH-121

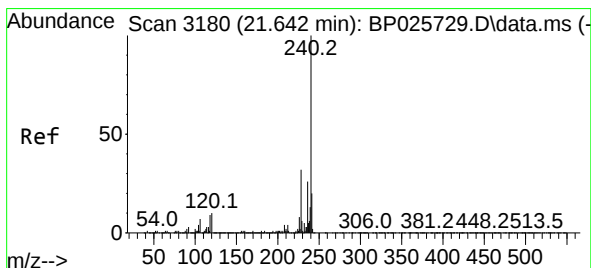
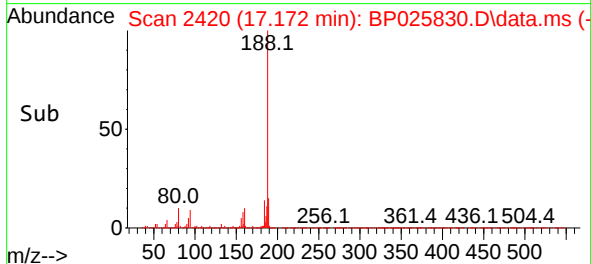
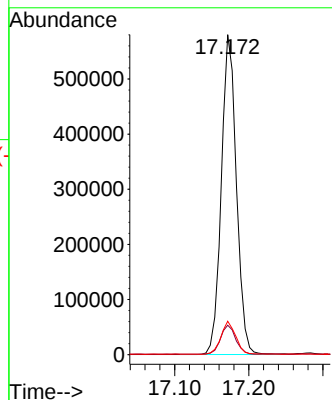
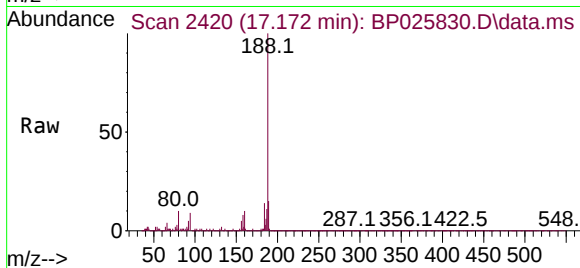
Tgt Ion:188 Resp: 818802

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 10.4 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3176

Delta R.T. -0.024 min

Lab File: BP025830.D

Acq: 23 Sep 2025 15:14

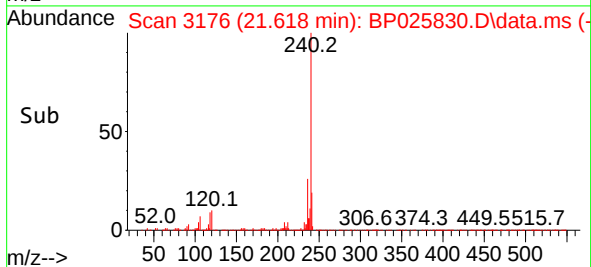
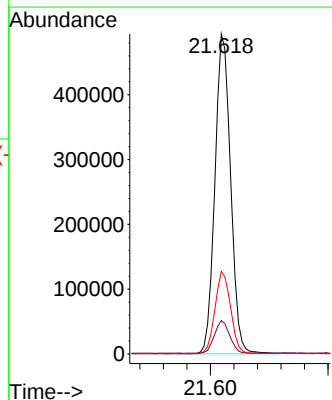
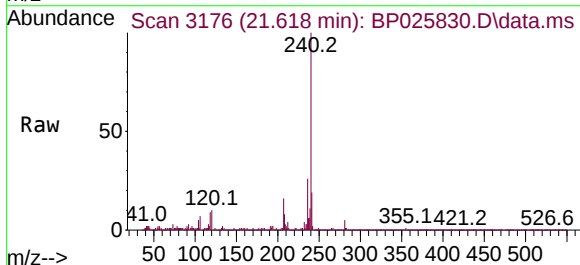
Tgt Ion:240 Resp: 914795

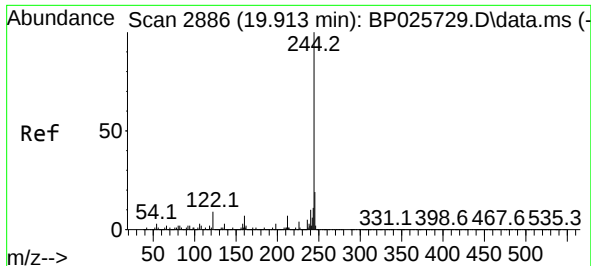
Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 25.7 20.7 31.1

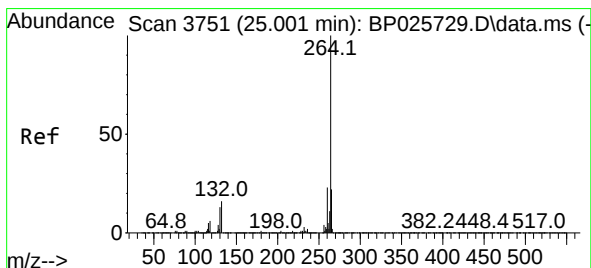
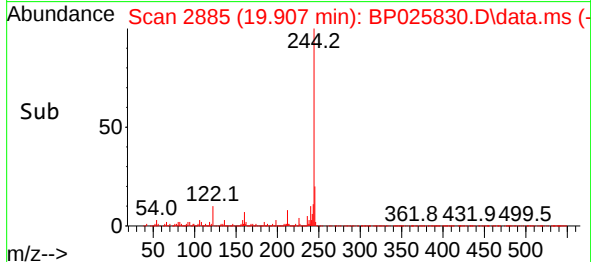
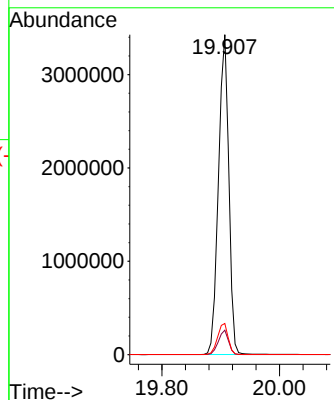
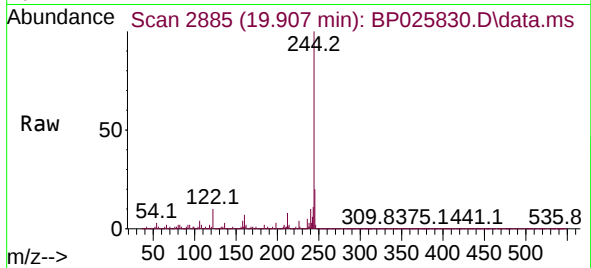




#79
 Terphenyl-d14
 Concen: 82.193 ng
 RT: 19.907 min Scan# 2885
 Delta R.T. -0.006 min
 Lab File: BP025830.D
 Acq: 23 Sep 2025 15:14

Instrument :
 BNA_P
 ClientSampleId :
 MH-121

Tgt Ion:244 Resp: 4179563
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.7 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.983 min Scan# 3748
 Delta R.T. -0.018 min
 Lab File: BP025830.D
 Acq: 23 Sep 2025 15:14

Tgt Ion:264 Resp: 1064834
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 22.6 17.3 25.9

