

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025447.D
 Acq On : 16 Aug 2025 06:04
 Operator : CG/JU
 Sample : Q2838-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-10

Quant Time: Aug 18 01:41:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	169357	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	672271	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	444893	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	906744	20.000	ng	0.00
76) Chrysene-d12	21.619	240	970825	20.000	ng	-0.03
86) Perylene-d12	24.966	264	1052048	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1160093	113.758	ng	0.00
7) Phenol-d6	6.967	99	1374218	105.106	ng	0.00
23) Nitrobenzene-d5	8.925	82	1032590	77.698	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	728885	121.718	ng	-0.01
45) 2-Fluorobiphenyl	13.019	172	2283015	70.133	ng	0.00
79) Terphenyl-d14	19.919	244	4007719	75.528	ng	0.00

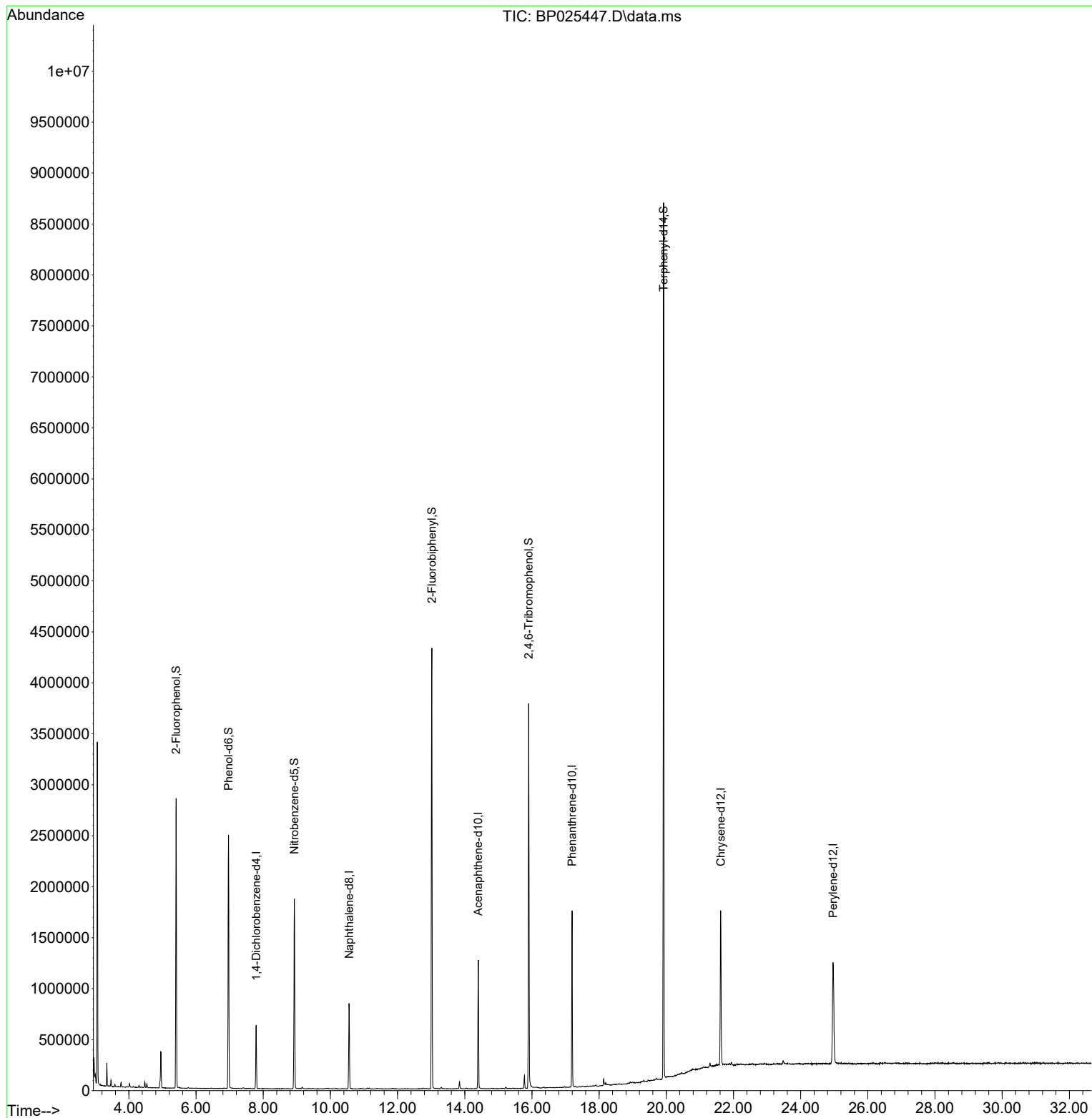
Target Compounds	Qvalue

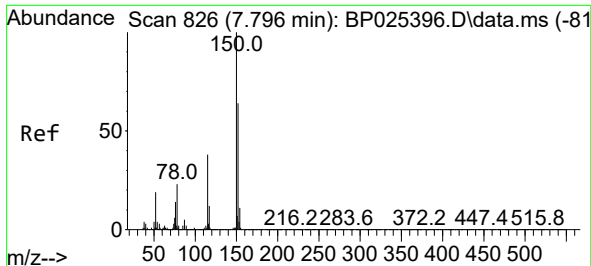
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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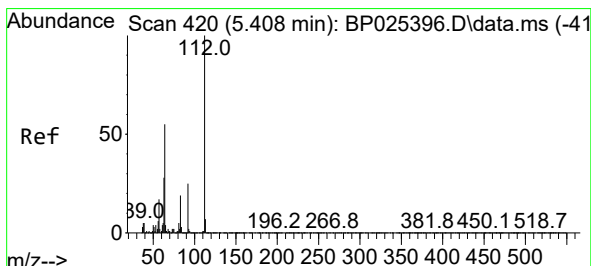
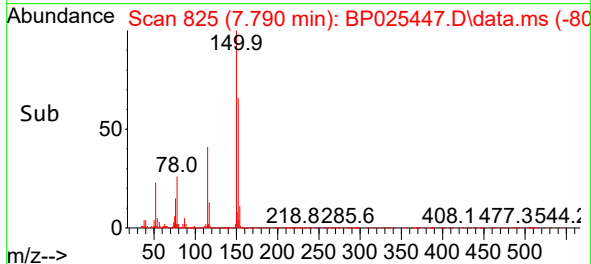
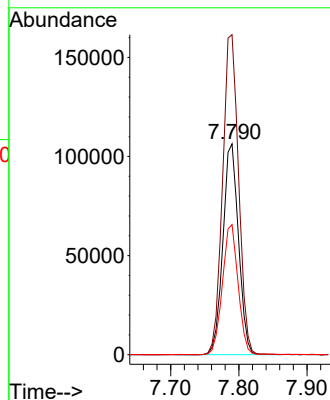
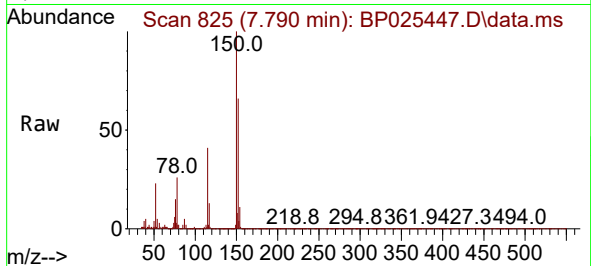




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

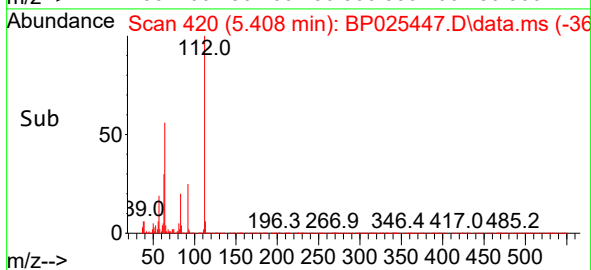
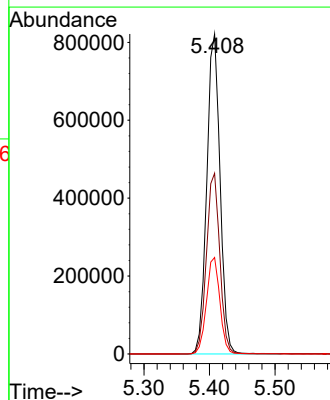
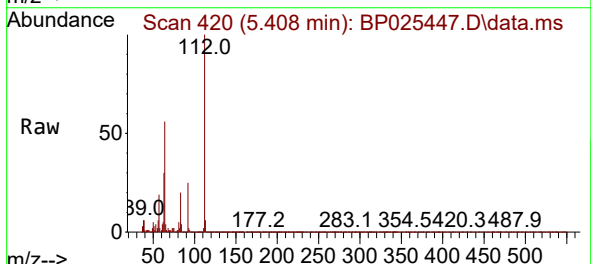
Instrument :
BNA_P
ClientSampleId :
TP-10

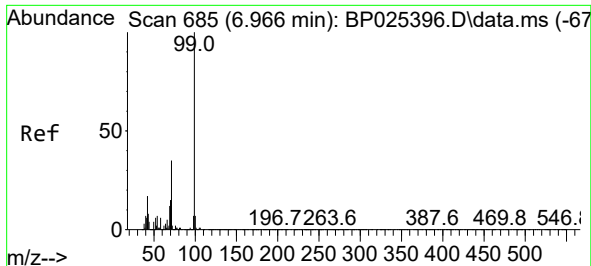
Tgt Ion:152 Resp: 169357
Ion Ratio Lower Upper
152 100
150 151.7 125.9 188.9
115 61.7 48.5 72.7



#5
2-Fluorophenol
Concen: 113.758 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

Tgt Ion:112 Resp: 1160093
Ion Ratio Lower Upper
112 100
64 56.4 43.8 65.8
63 30.1 22.7 34.1

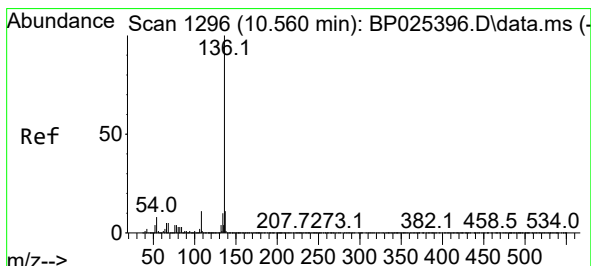
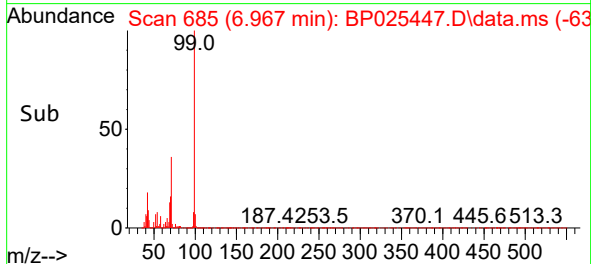
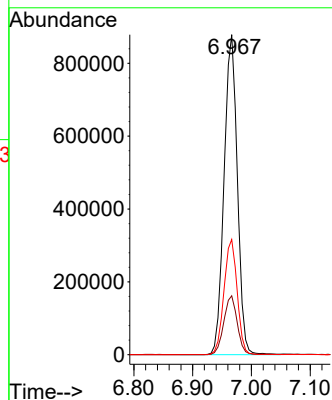
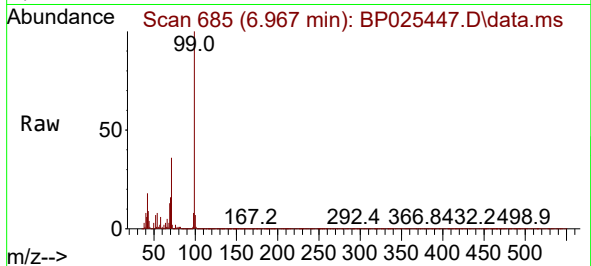




#7
Phenol-d6
Concen: 105.106 ng
RT: 6.967 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

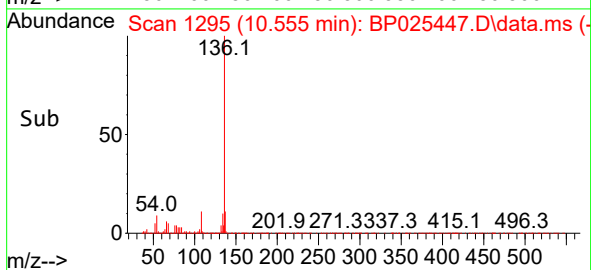
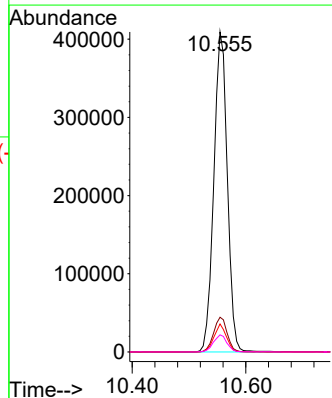
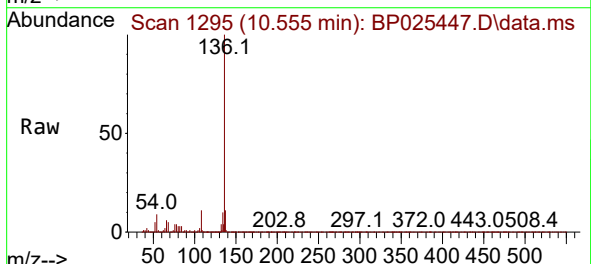
Instrument :
BNA_P
ClientSampleId :
TP-10

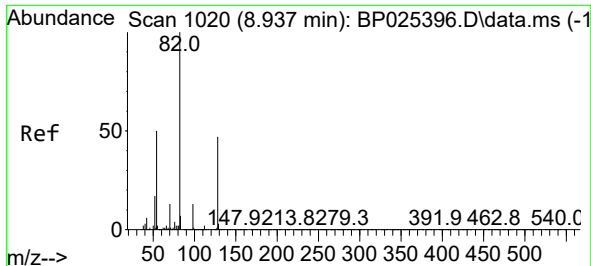
Tgt Ion: 99 Resp: 1374218
Ion Ratio Lower Upper
99 100
42 18.4 13.7 20.5
71 36.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

Tgt Ion: 136 Resp: 672271
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.7 6.0 9.0
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 77.698 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025447.D

Acq: 16 Aug 2025 06:04

Instrument :

BNA_P

ClientSampleId :

TP-10

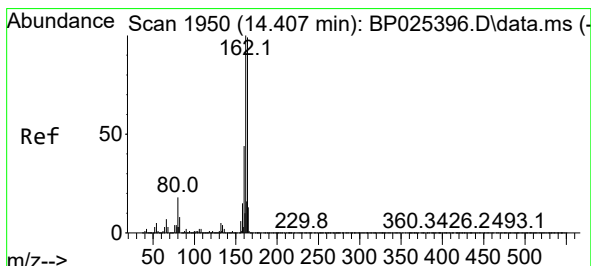
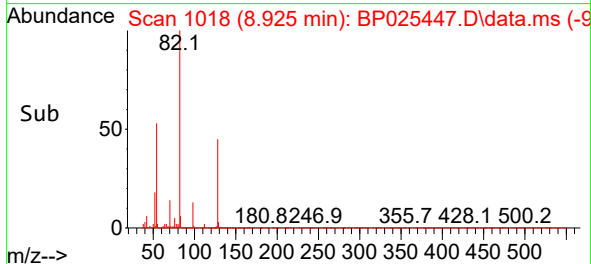
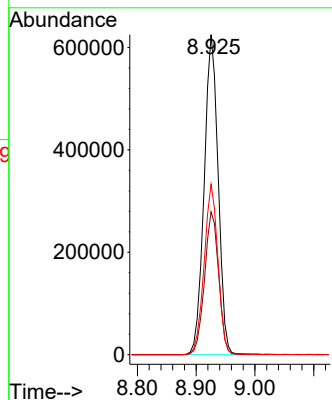
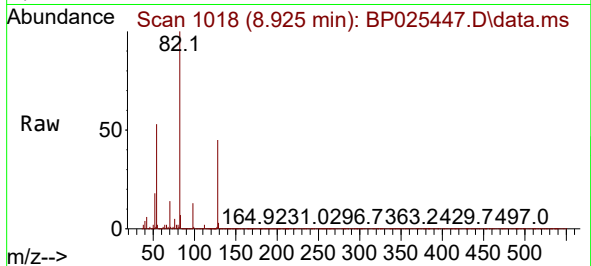
Tgt Ion: 82 Resp: 1032590

Ion Ratio Lower Upper

82 100

128 44.7 37.7 56.5

54 53.3 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025447.D

Acq: 16 Aug 2025 06:04

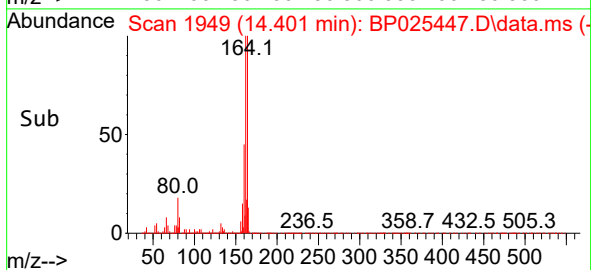
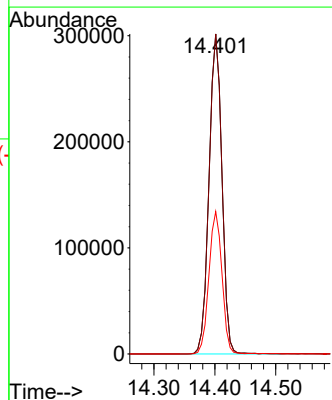
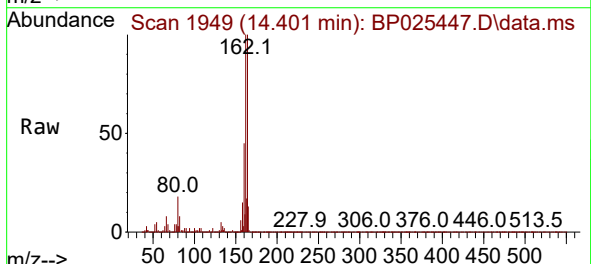
Tgt Ion:164 Resp: 444893

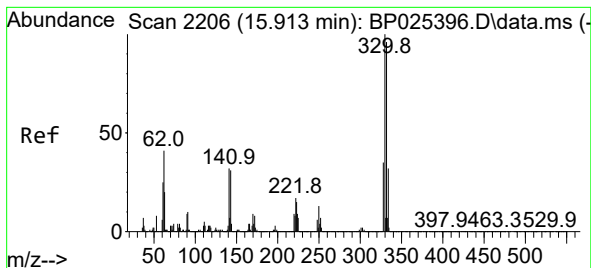
Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.6

160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 121.718 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025447.D

Acq: 16 Aug 2025 06:04

Instrument :

BNA_P

ClientSampleId :

TP-10

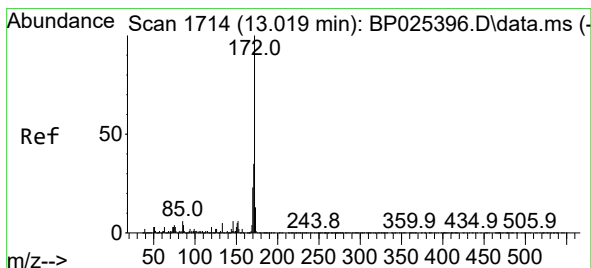
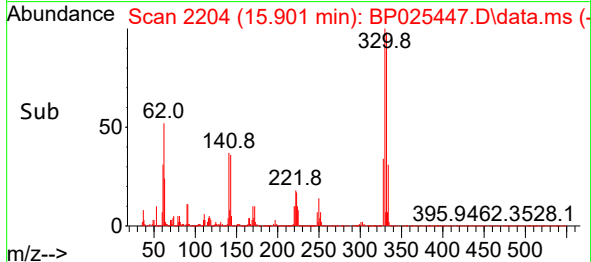
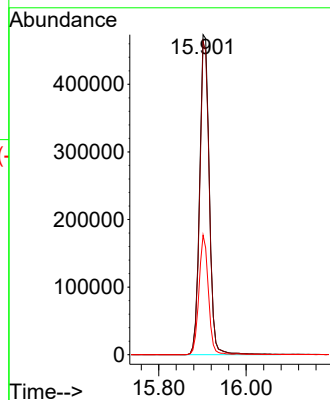
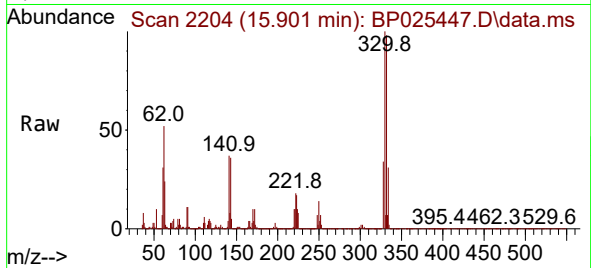
Tgt Ion:330 Resp: 728885

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 36.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 70.133 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025447.D

Acq: 16 Aug 2025 06:04

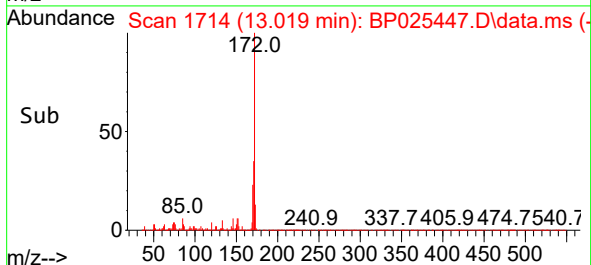
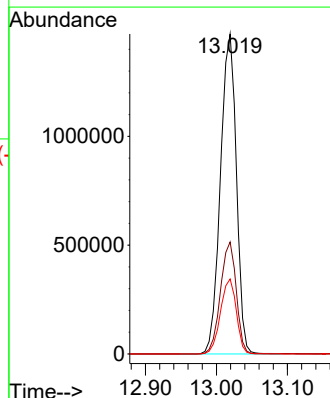
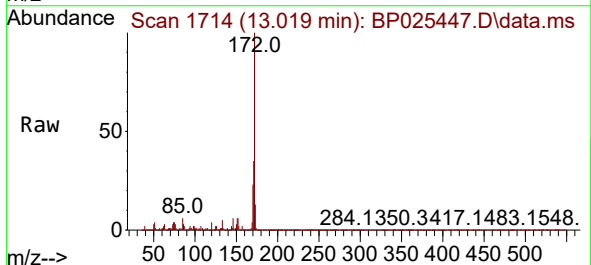
Tgt Ion:172 Resp: 2283015

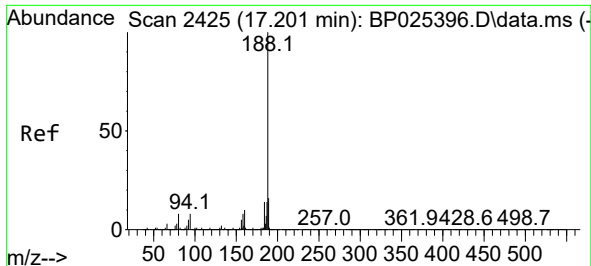
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.5 18.6 28.0

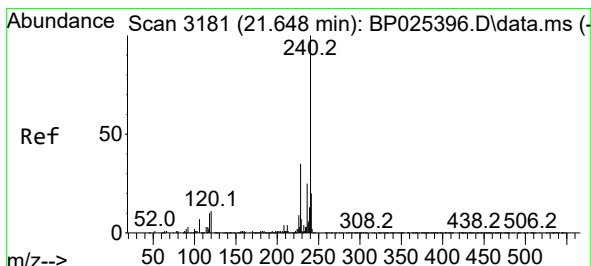
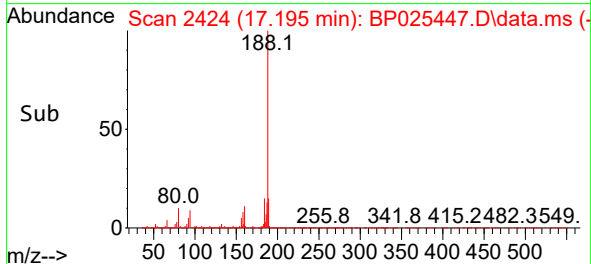
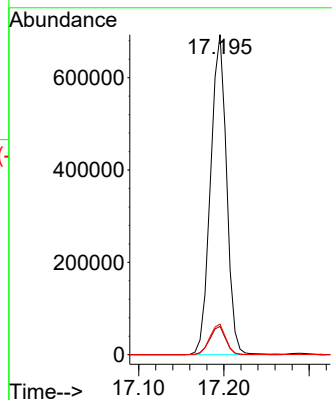
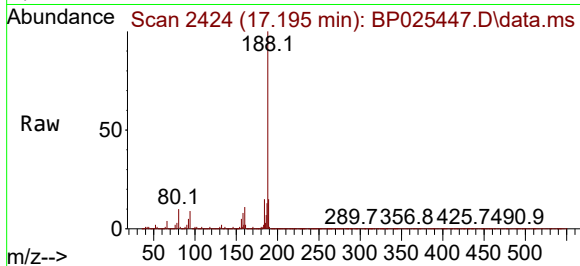




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

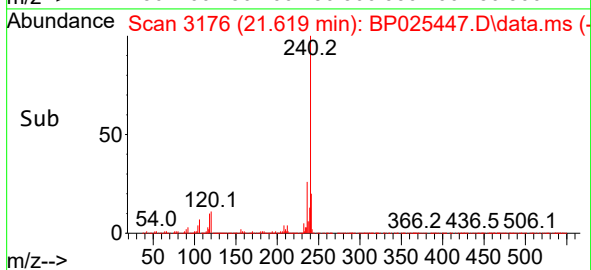
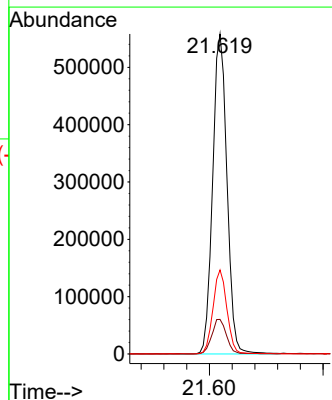
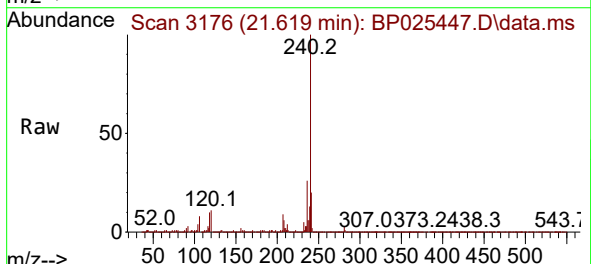
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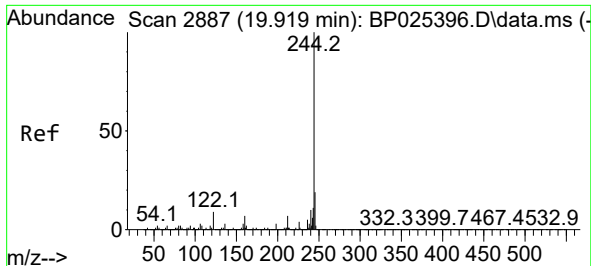
Tgt Ion:188 Resp: 906744
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.6 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.029 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

Tgt Ion:240 Resp: 970825
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.2 19.8 29.8

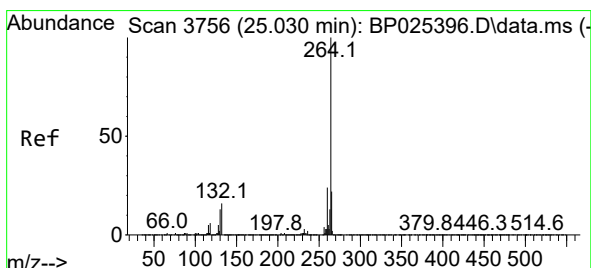
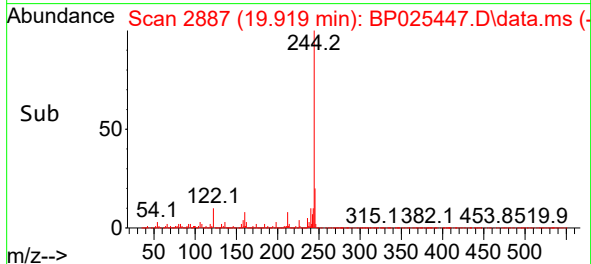
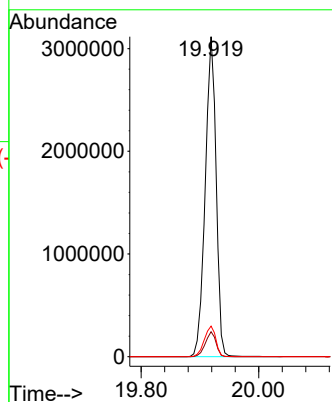
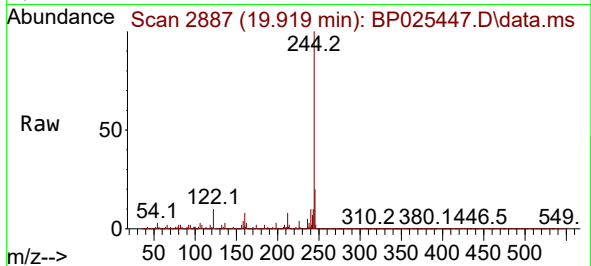




#79
 Terphenyl-d14
 Concen: 75.528 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025447.D
 Acq: 16 Aug 2025 06:04

Instrument :
 BNA_P
 ClientSampleId :
 TP-10

Tgt Ion:244 Resp: 4007719
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 9.6 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.966 min Scan# 3745
 Delta R.T. -0.064 min
 Lab File: BP025447.D
 Acq: 16 Aug 2025 06:04

Tgt Ion:264 Resp: 1052048
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 22.8 17.4 26.0

