

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)

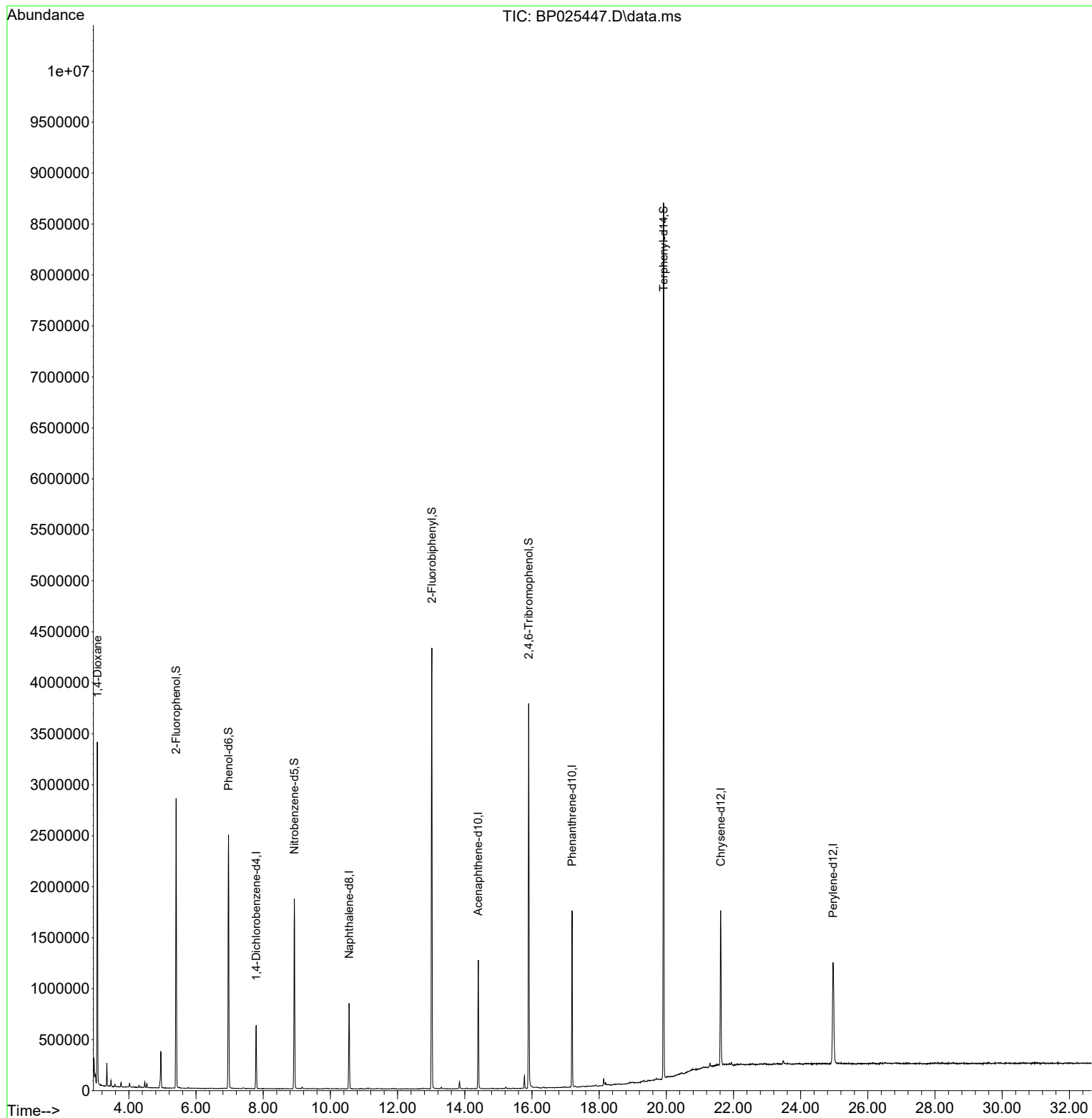
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	169357	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	672271	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	444893	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	906744	20.000	ng	0.00
76) Chrysene-d12	21.619	240	970825	20.000	ng	-0.03
86) Perylene-d12	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						
2) 1,4-Dioxane	3.061	88	22342	5.593	ng	Qvalue # 1

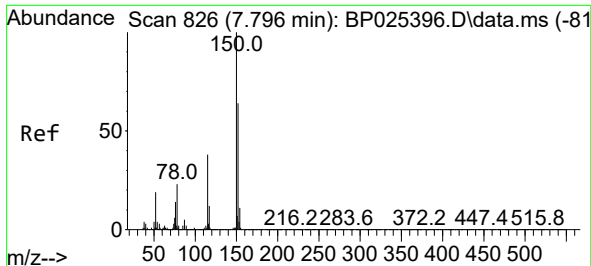
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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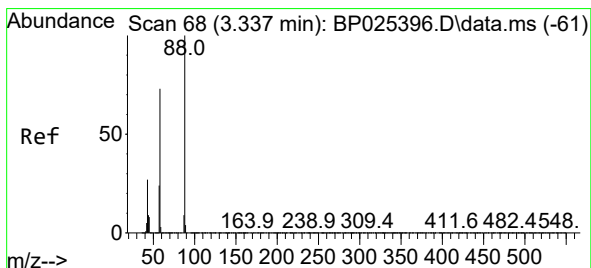
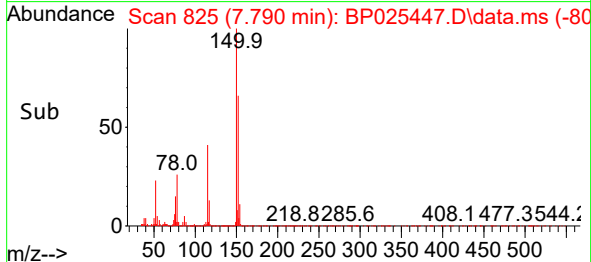
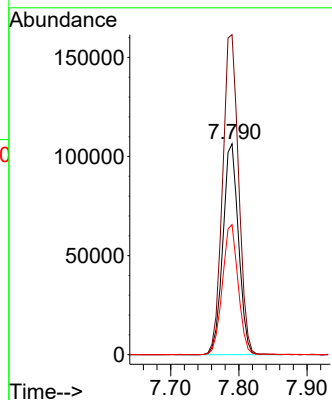
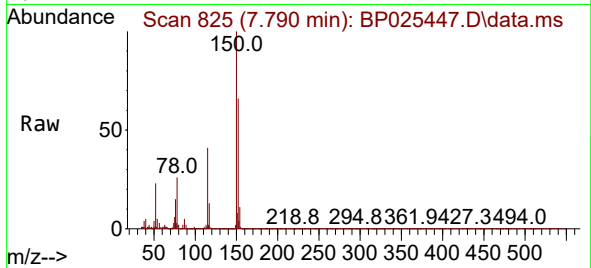




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025447.D
 Acq: 16 Aug 2025 06:04

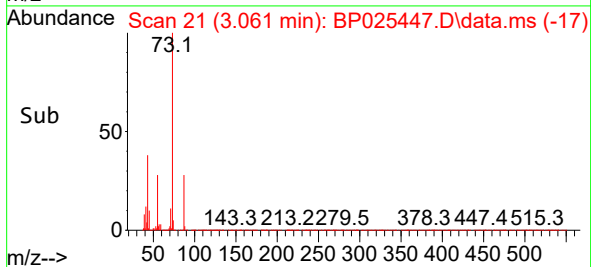
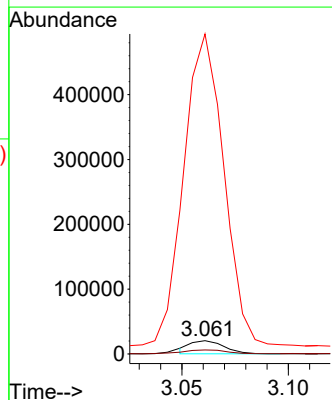
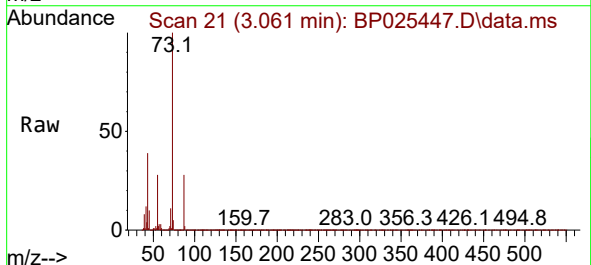
Instrument :
 BNA_P
 ClientSampleId :
 TP-10

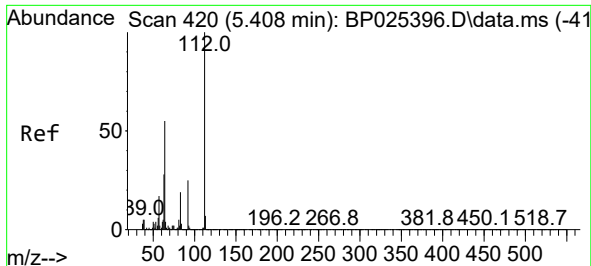
Tgt Ion:152 Resp: 169357
 Ion Ratio Lower Upper
 152 100
 150 151.7 125.9 188.9
 115 61.7 48.5 72.7



#2
 1,4-Dioxane
 Concen: 5.593 ng
 RT: 3.061 min Scan# 21
 Delta R.T. -0.276 min
 Lab File: BP025447.D
 Acq: 16 Aug 2025 06:04

Tgt Ion: 88 Resp: 22342
 Ion Ratio Lower Upper
 88 100
 58 30.1 59.2 88.8#
 43 2452.6 21.7 32.5#

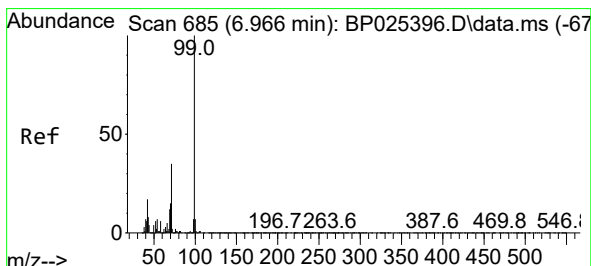
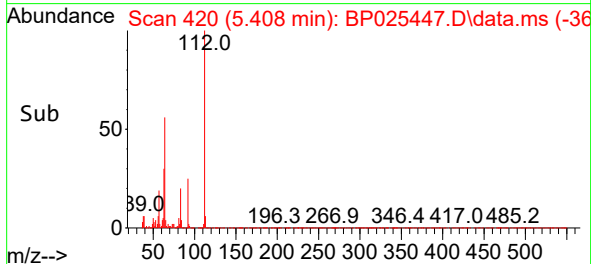
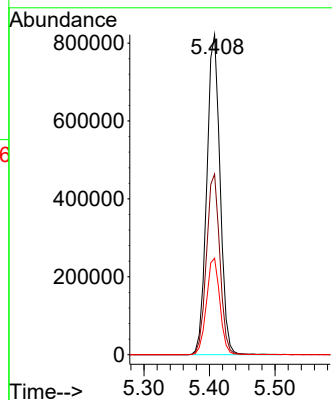
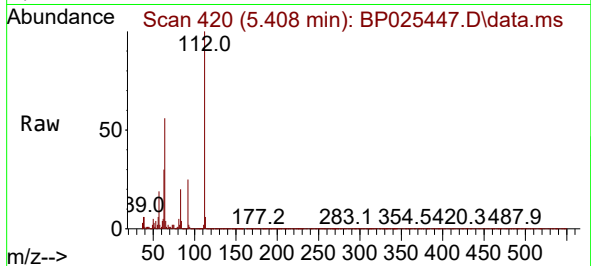




#5
2-Fluorophenol
Concen: 113.758 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

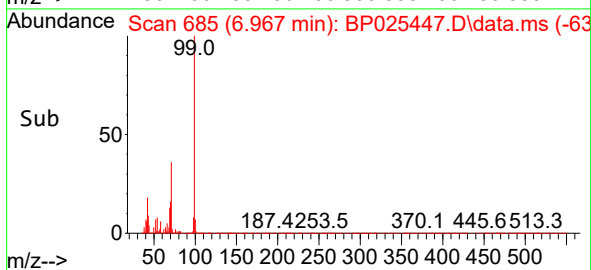
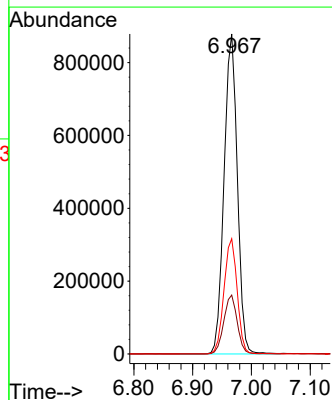
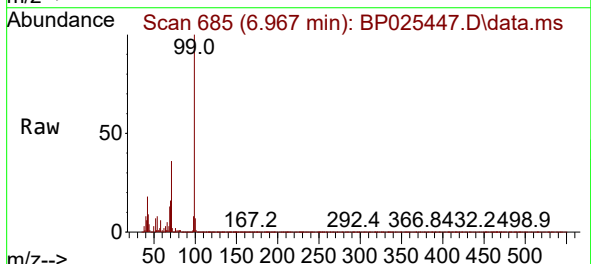
Instrument :
BNA_P
ClientSampleId :
TP-10

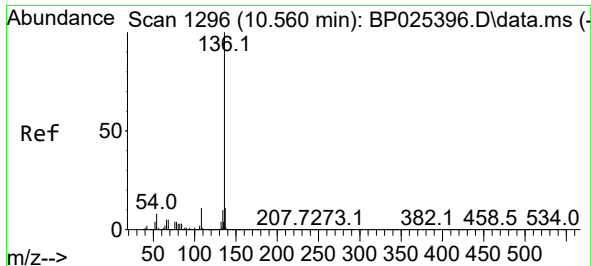
Tgt Ion:112 Resp: 1160093
Ion Ratio Lower Upper
112 100
64 56.4 43.8 65.8
63 30.1 22.7 34.1



#7
Phenol-d6
Concen: 105.106 ng
RT: 6.967 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

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

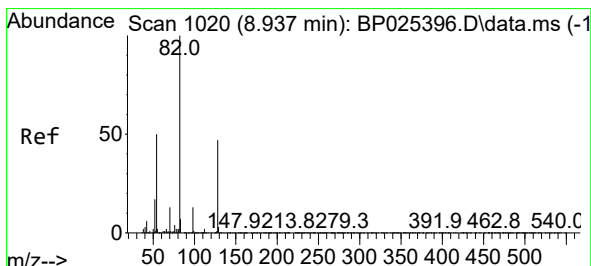
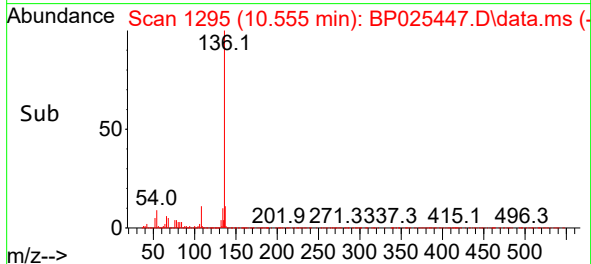
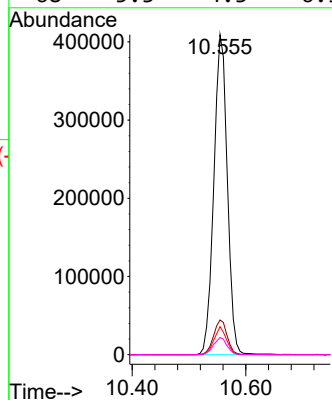
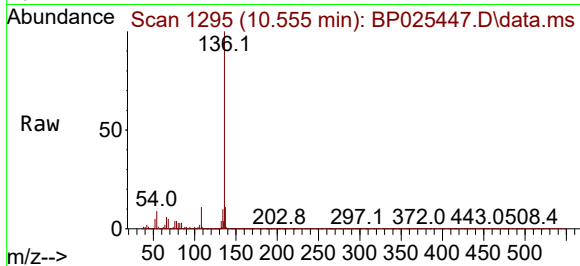




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

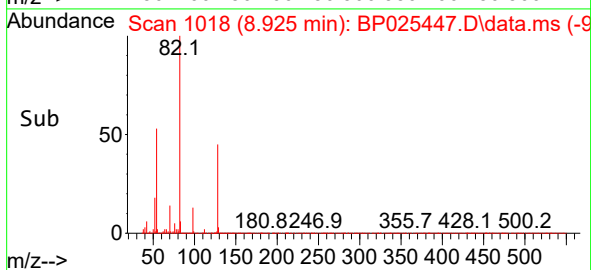
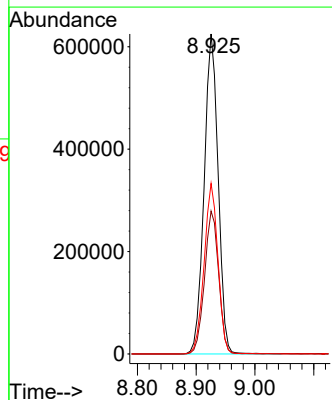
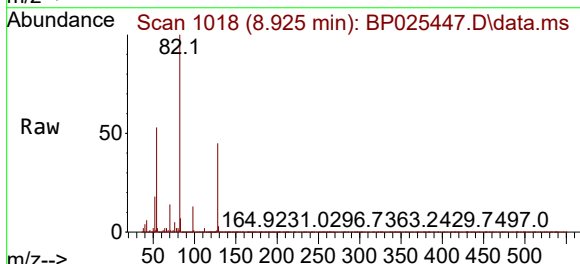
Instrument :
BNA_P
ClientSampleId :
TP-10

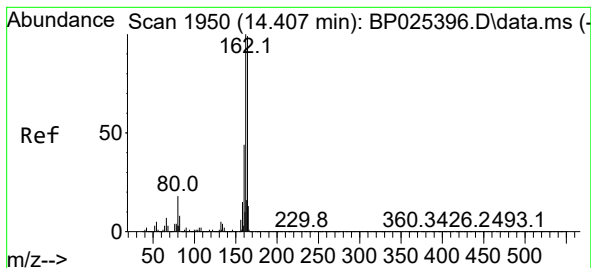
Tgt Ion:	136	Resp:	672271
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.7	6.0	9.0
68	5.3	4.3	6.5



#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

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

Instrument :

BNA_P

ClientSampleId :

TP-10

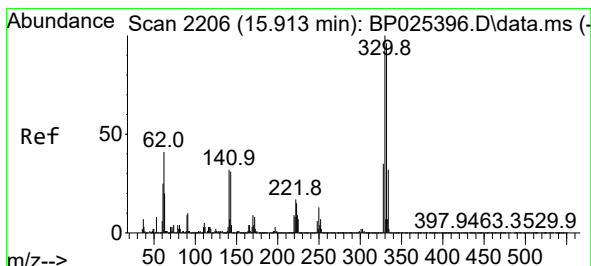
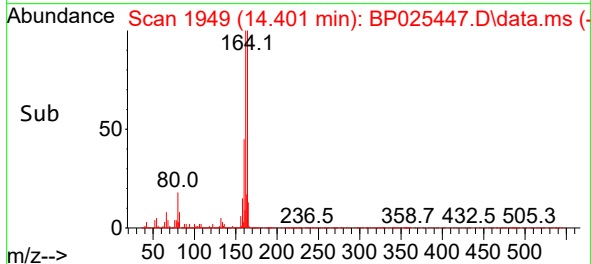
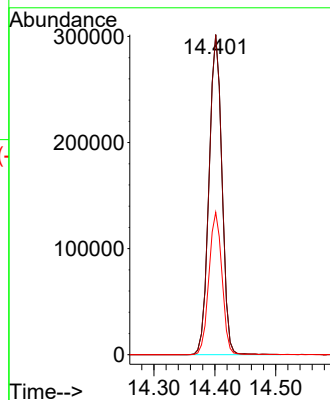
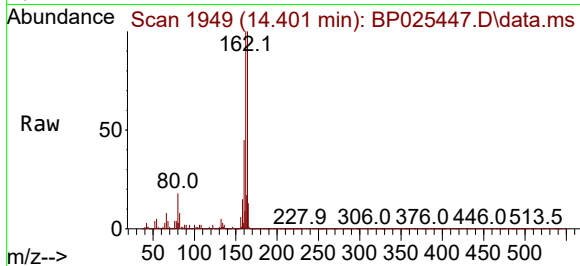
Tgt Ion:164 Resp: 444893

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# 2204

Delta R.T. -0.012 min

Lab File: BP025447.D

Acq: 16 Aug 2025 06:04

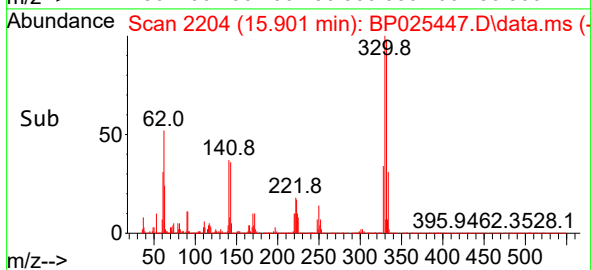
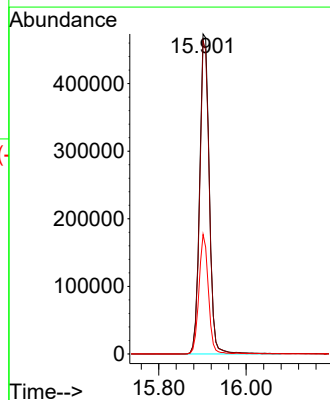
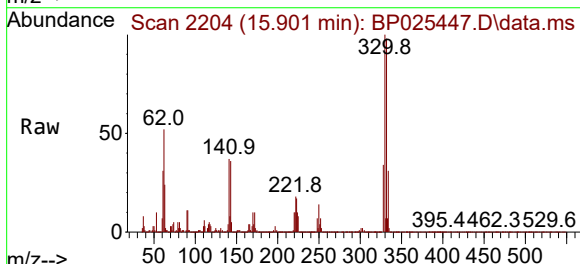
Tgt Ion:330 Resp: 728885

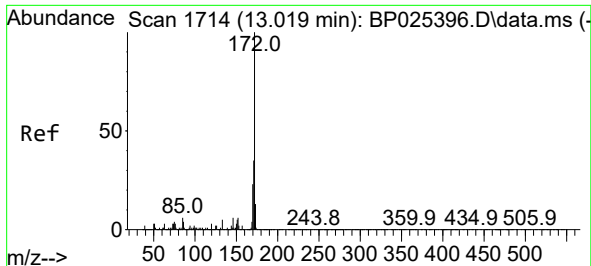
Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 36.3 26.6 39.8

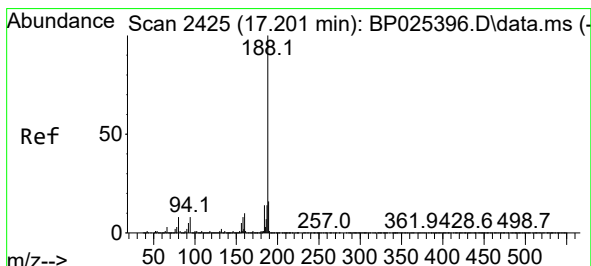
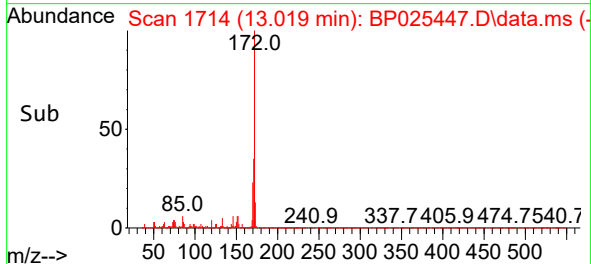
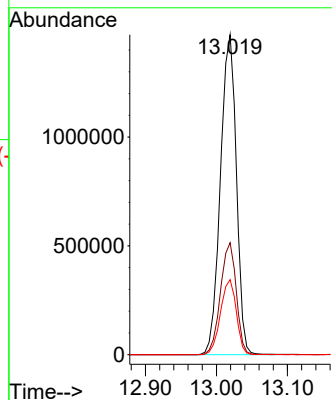
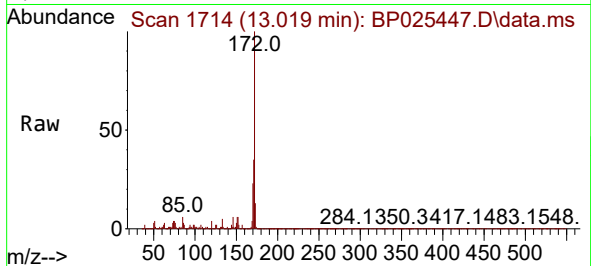




#45
2-Fluorobiphenyl
Concen: 70.133 ng
RT: 13.019 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

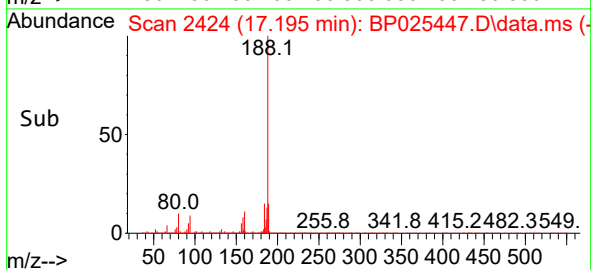
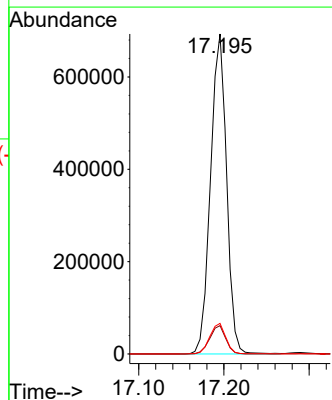
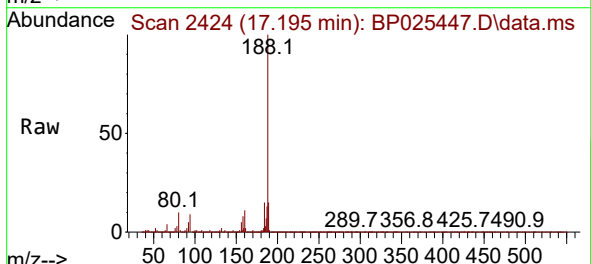
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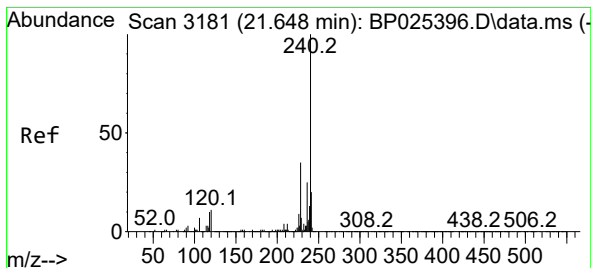
Tgt Ion:172 Resp: 2283015
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025447.D
Acq: 16 Aug 2025 06:04

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# 3181

Delta R.T. -0.029 min

Lab File: BP025447.D

Acq: 16 Aug 2025 06:04

Instrument :

BNA_P

ClientSampleId :

TP-10

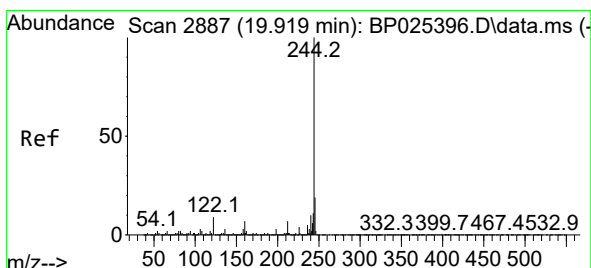
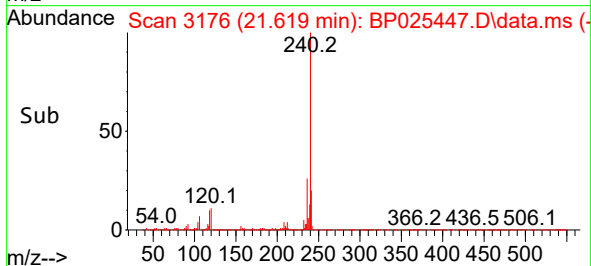
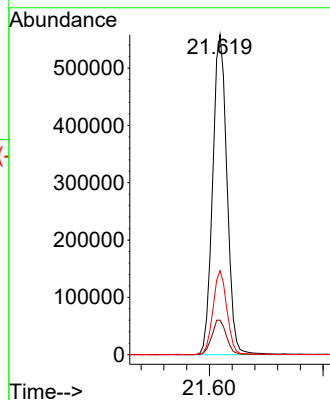
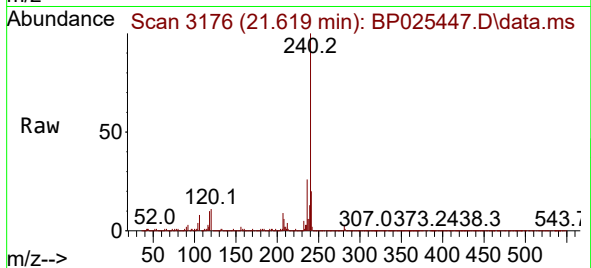
Tgt Ion:240 Resp: 970825

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# 2887

Delta R.T. 0.000 min

Lab File: BP025447.D

Acq: 16 Aug 2025 06:04

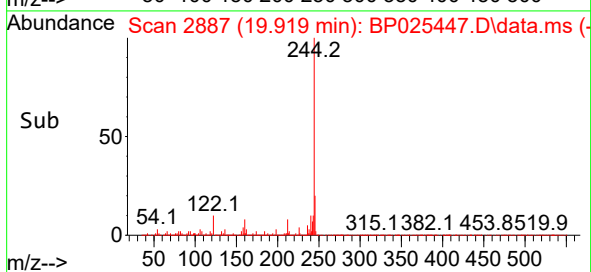
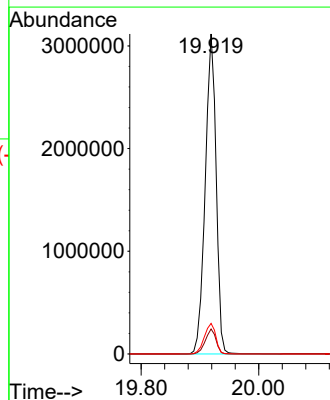
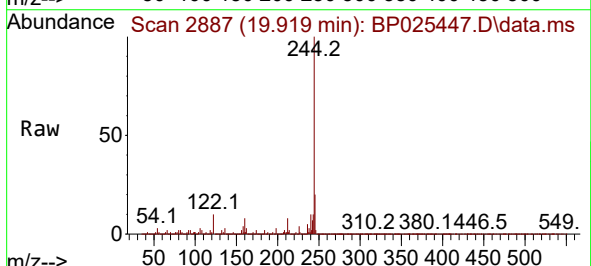
Tgt Ion:244 Resp: 4007719

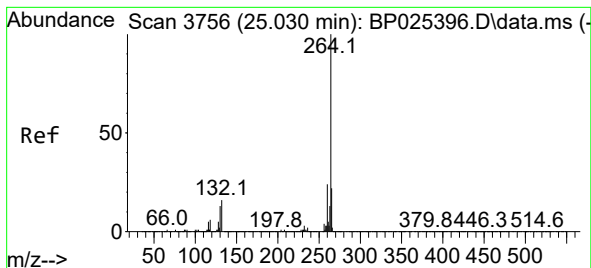
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.064 min

Lab File: BP025447.D

Acq: 16 Aug 2025 06:04

Instrument :

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ClientSampleId :

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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

