

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025093.D
 Acq On : 10 Jul 2025 21:50
 Operator : CG/JU
 Sample : Q2523-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAD-070825-1

Quant Time: Jul 11 02:33:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

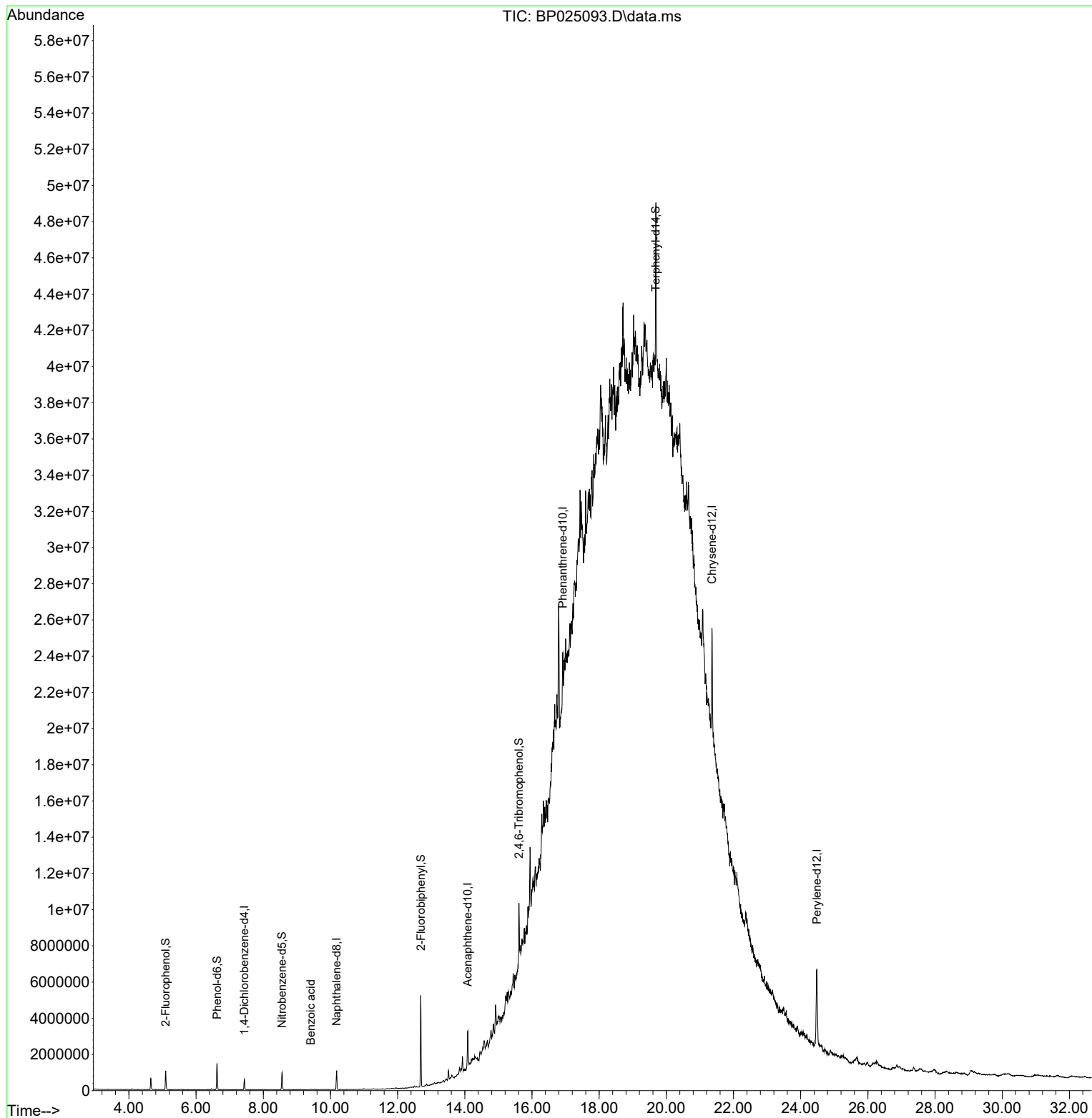
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	158012	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	857938	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	769681	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	1812836	20.000	ng	# 0.01
76) Chrysene-d12	21.360	240	3218329	20.000	ng	0.02
86) Perylene-d12	24.483	264	4135036	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	506816	56.831	ng	0.00
7) Phenol-d6	6.625	99	867639	74.554	ng	0.00
23) Nitrobenzene-d5	8.560	82	556679	43.152	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	733463	80.667	ng	0.00
45) 2-Fluorobiphenyl	12.689	172	2421341	48.735	ng	0.00
79) Terphenyl-d14	19.689	244	6840879	46.716	ng	0.02
Target Compounds						
32) Benzoic acid	9.413	122	8264	7.004	ng	Qvalue 93

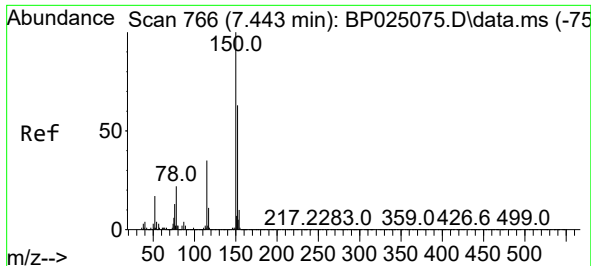
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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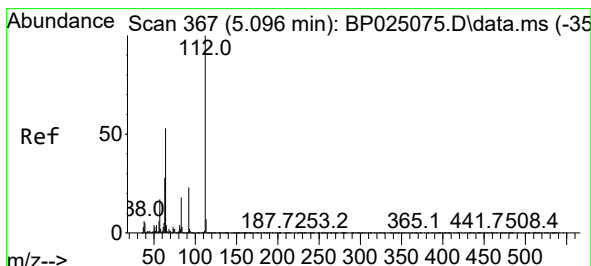
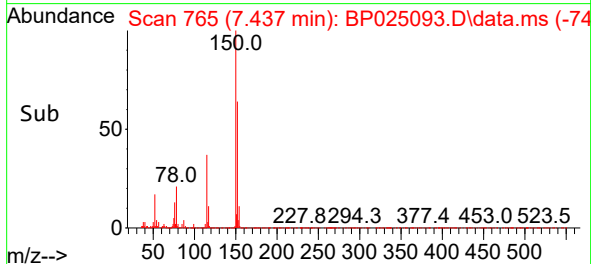
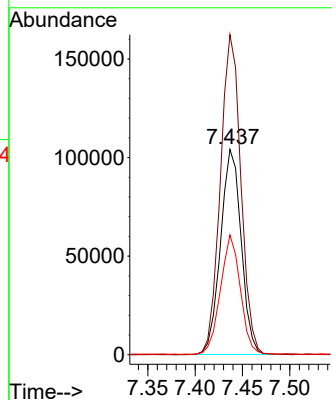
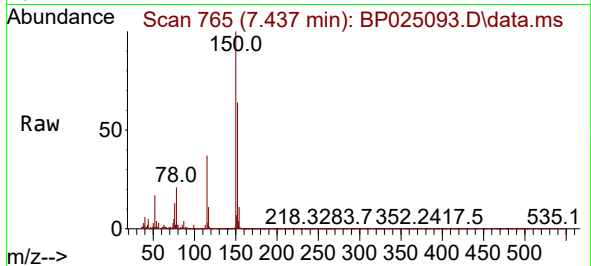




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 766
Delta R.T. -0.006 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

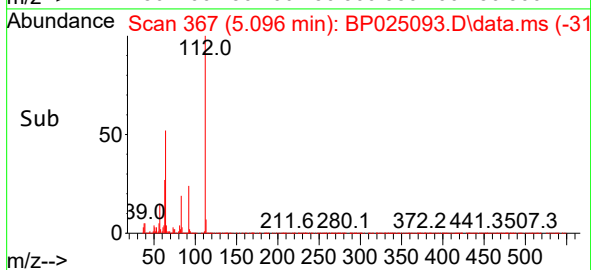
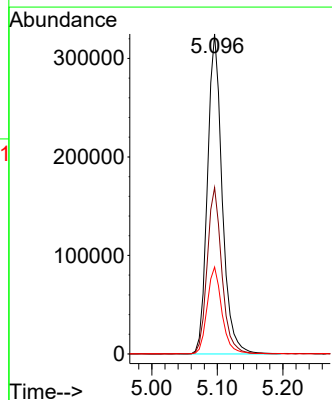
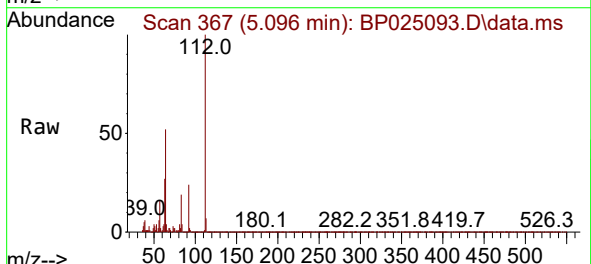
Instrument :
BNA_P
ClientSampleId :
PAD-070825-1

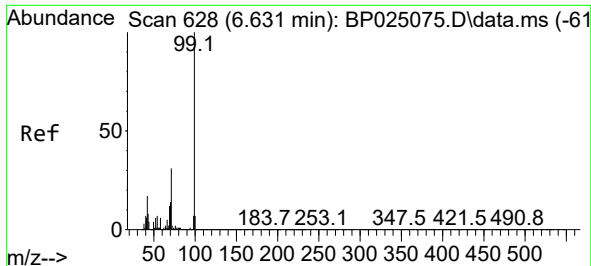
Tgt Ion:152 Resp: 158012
Ion Ratio Lower Upper
152 100
150 155.9 126.1 189.1
115 58.3 44.3 66.5



#5
2-Fluorophenol
Concen: 56.831 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

Tgt Ion:112 Resp: 506816
Ion Ratio Lower Upper
112 100
64 52.0 42.0 63.0
63 27.1 22.2 33.2

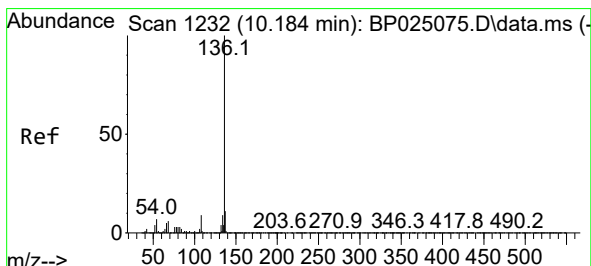
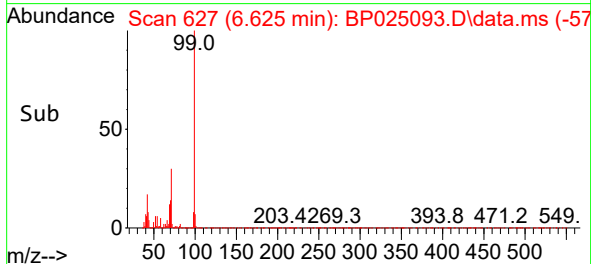
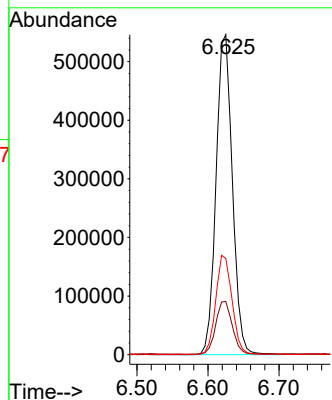
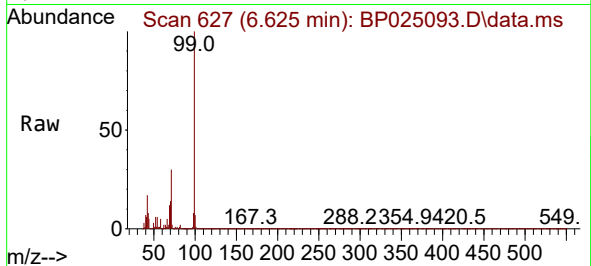




#7
Phenol-d6
Concen: 74.554 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

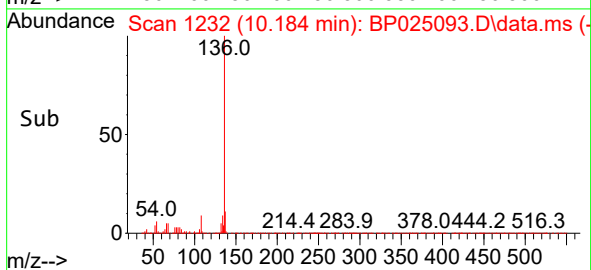
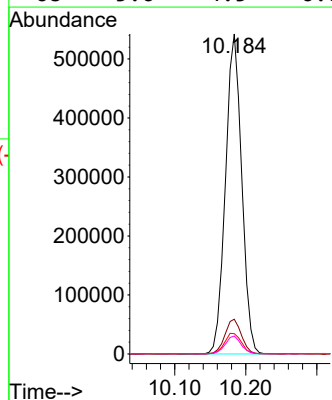
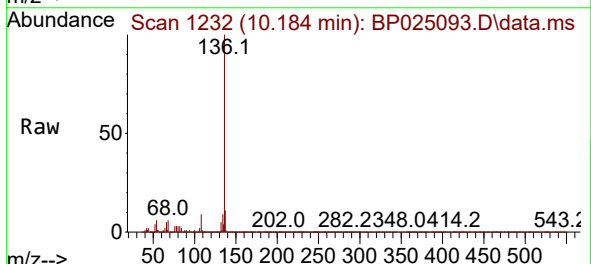
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BNA_P
ClientSampleId :
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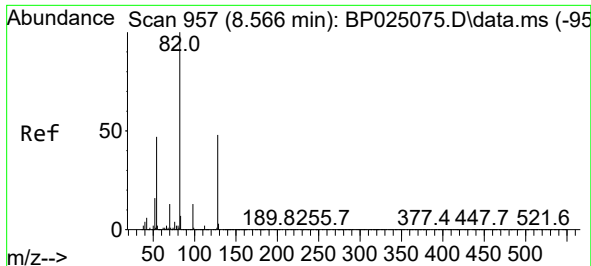
Tgt Ion:	99	Resp:	867639
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	30.1	24.4	36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

Tgt Ion:	136	Resp:	857938
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.3	5.4	8.2
68	5.6	4.5	6.7

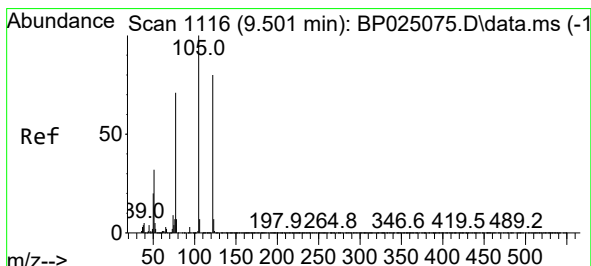
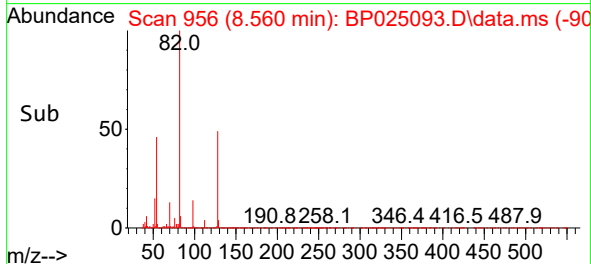
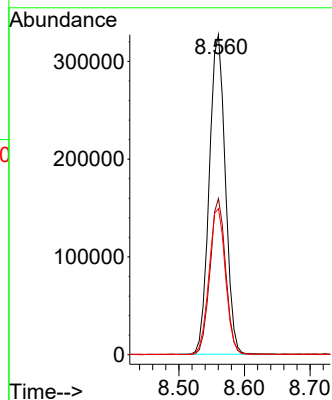
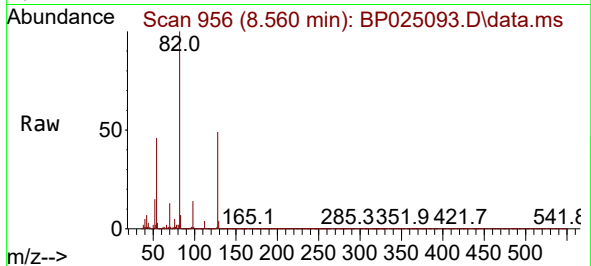




#23
Nitrobenzene-d5
Concen: 43.152 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

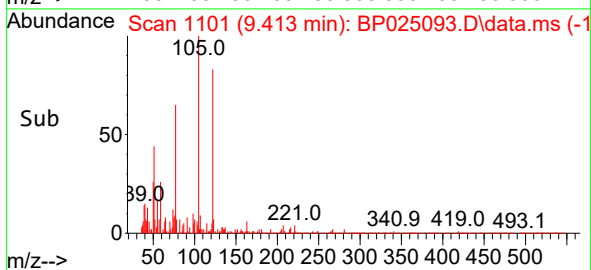
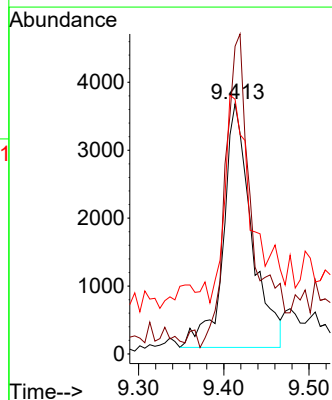
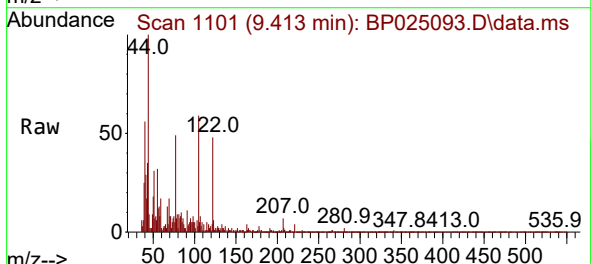
Instrument :
BNA_P
ClientSampleId :
PAD-070825-1

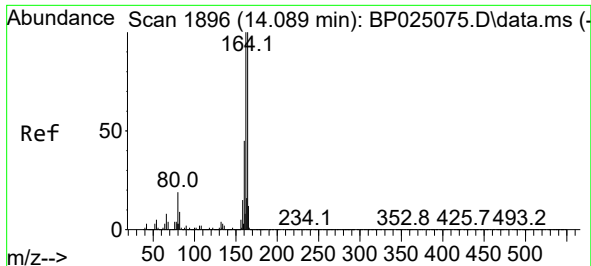
Tgt Ion: 82 Resp: 556679
Ion Ratio Lower Upper
82 100
128 48.8 38.4 57.6
54 45.7 37.8 56.6



#32
Benzoic acid
Concen: 7.004 ng
RT: 9.413 min Scan# 1101
Delta R.T. -0.088 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

Tgt Ion:122 Resp: 8264
Ion Ratio Lower Upper
122 100
105 123.0 101.0 141.0
77 101.8 67.6 107.6

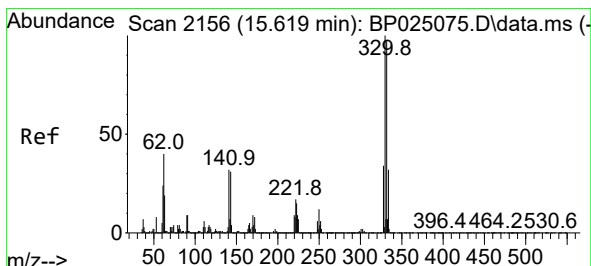
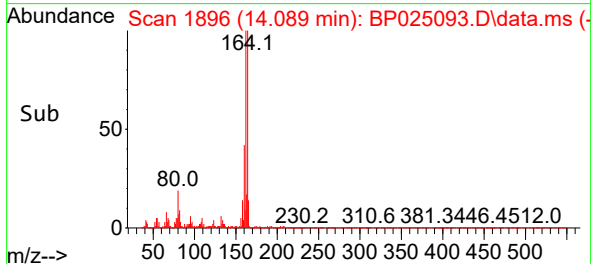
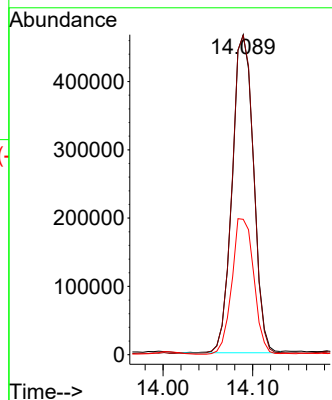
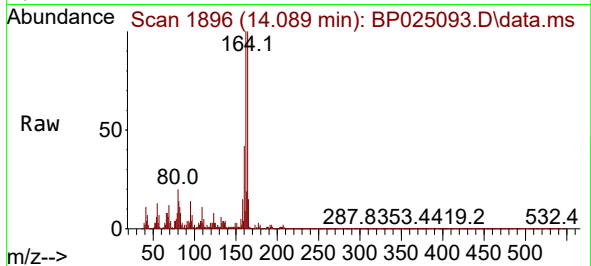




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

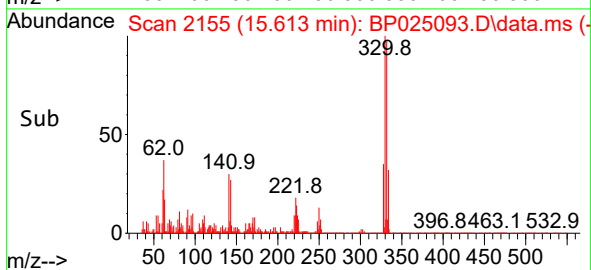
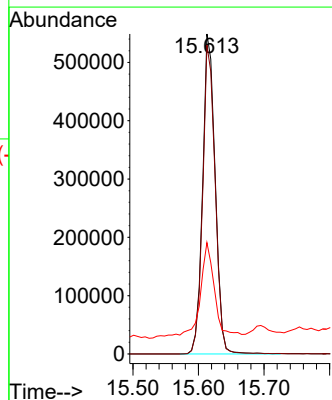
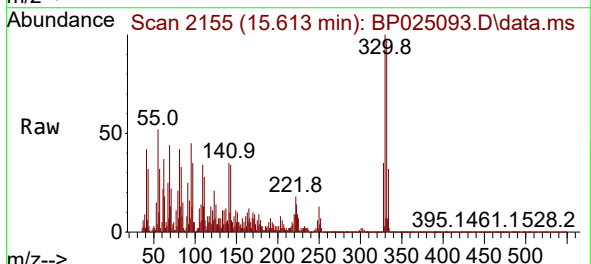
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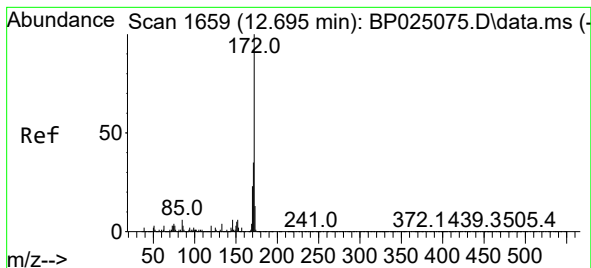
Tgt Ion:164 Resp: 769681
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 42.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 80.667 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

Tgt Ion:330 Resp: 733463
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 35.9 26.0 39.0

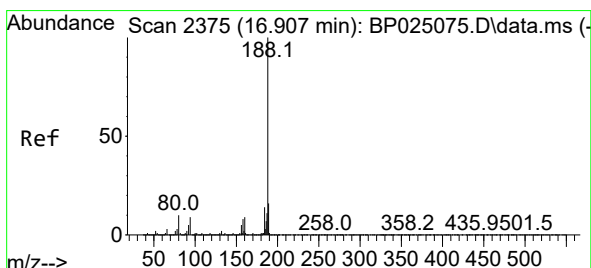
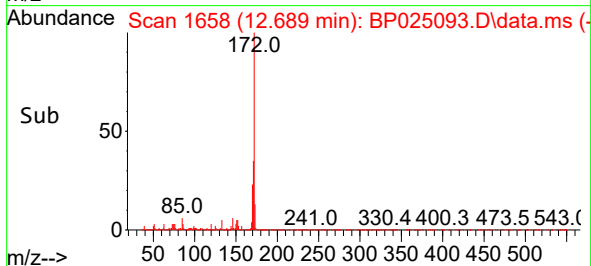
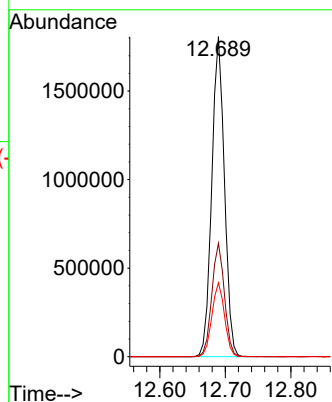
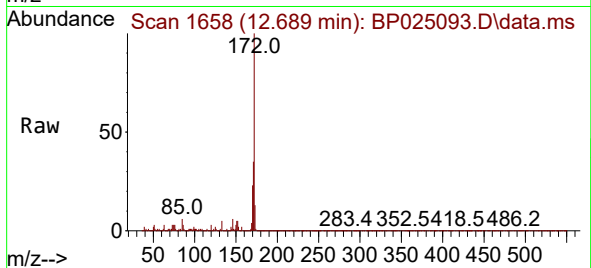




#45
2-Fluorobiphenyl
Concen: 48.735 ng
RT: 12.689 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

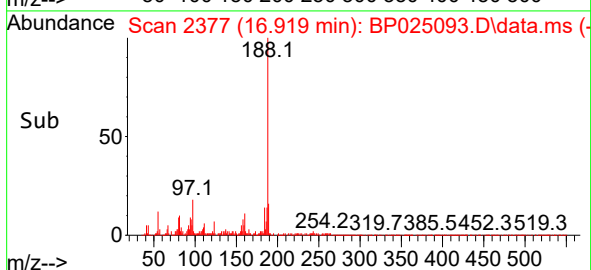
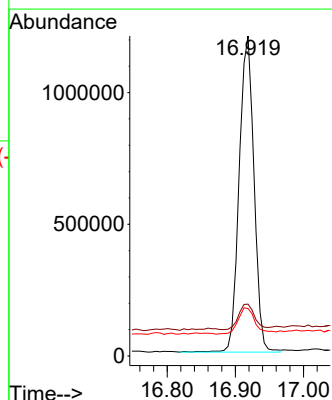
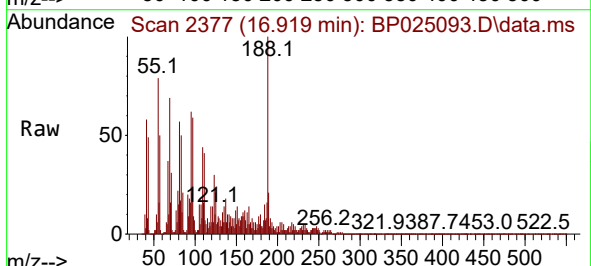
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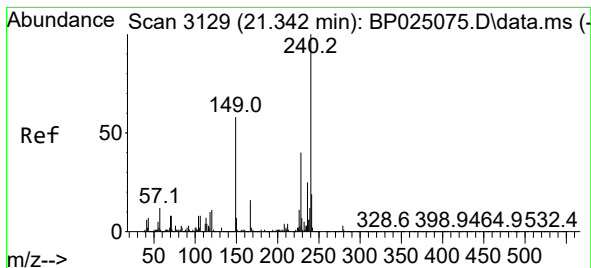
Tgt Ion:172 Resp: 2421341
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.1 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP025093.D
Acq: 10 Jul 2025 21:50

Tgt Ion:188 Resp: 1812836
Ion Ratio Lower Upper
188 100
94 16.2 7.3 10.9#
80 14.8 7.8 11.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.360 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025093.D

Acq: 10 Jul 2025 21:50

Instrument :

BNA_P

ClientSampleId :

PAD-070825-1

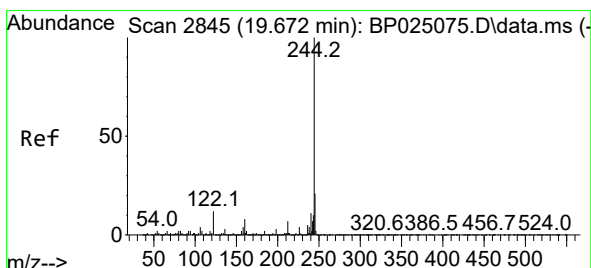
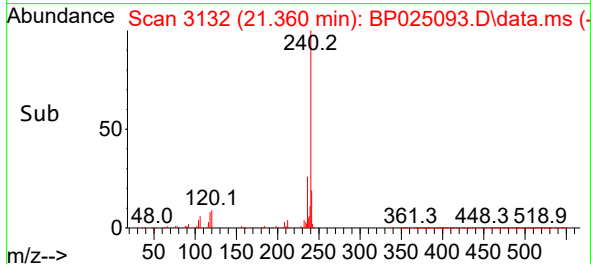
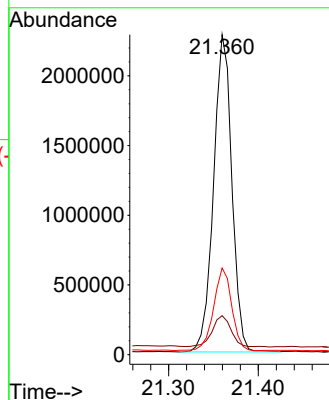
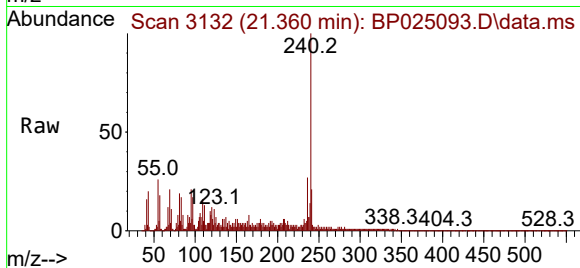
Tgt Ion:240 Resp: 3218329

Ion Ratio Lower Upper

240 100

120 12.2 9.0 13.4

236 27.1 20.3 30.5



#79

Terphenyl-d14

Concen: 46.716 ng

RT: 19.689 min Scan# 2848

Delta R.T. 0.018 min

Lab File: BP025093.D

Acq: 10 Jul 2025 21:50

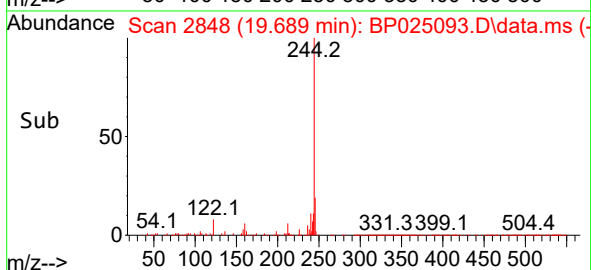
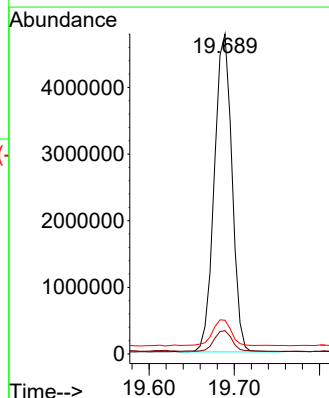
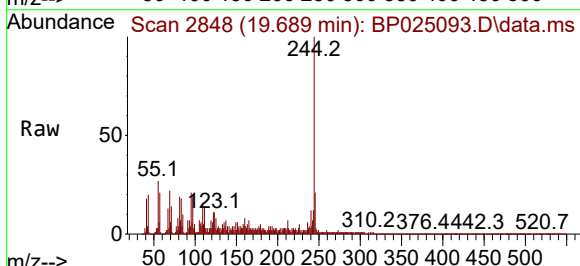
Tgt Ion:244 Resp: 6840879

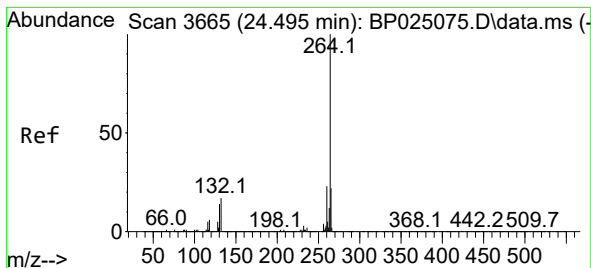
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.6 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.483 min Scan# 30

Delta R.T. -0.012 min

Lab File: BP025093.D

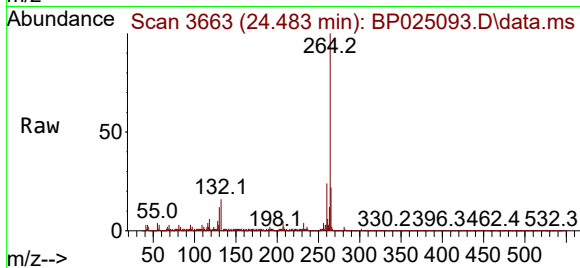
Acq: 10 Jul 2025 21:50

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Tgt Ion:264 Resp: 4135036

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.2 17.7 26.5

