

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025459.D
 Acq On : 18 Aug 2025 13:28
 Operator : CG/JU
 Sample : Q2838-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11

Quant Time: Aug 18 14:01:17 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)

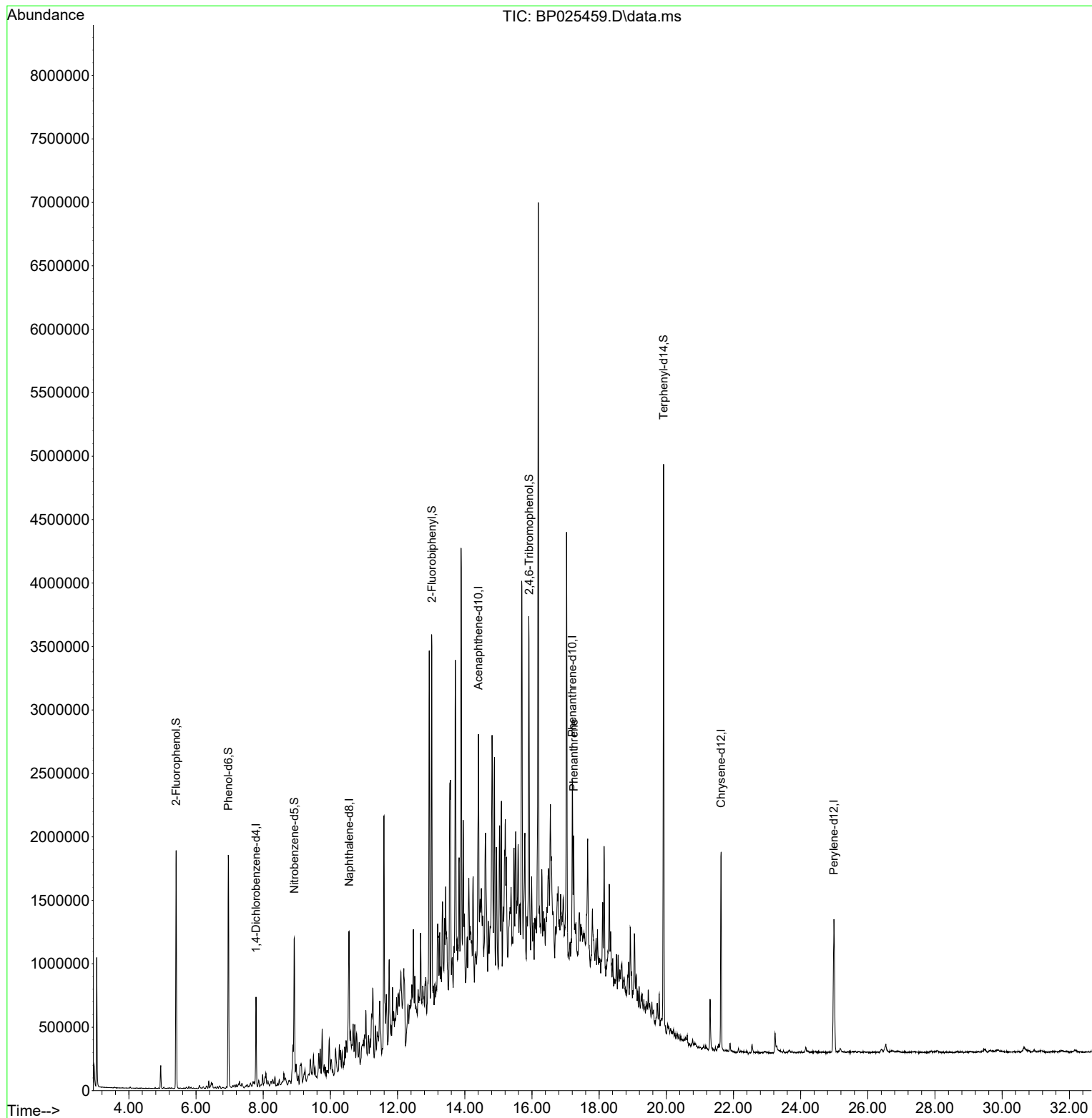
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	181951	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	688817	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	416860	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	812954	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	925285	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1055443	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	822497	75.071	ng	0.00
7) Phenol-d6	6.961	99	1044855	74.383	ng	0.00
23) Nitrobenzene-d5	8.925	82	654238	48.046	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	424380	75.634	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1489873	48.846	ng	0.00
79) Terphenyl-d14	19.919	244	2386491	47.188	ng	0.00
Target Compounds						
71) Phenanthrene	17.242	178	402795	9.020	ng	# 95

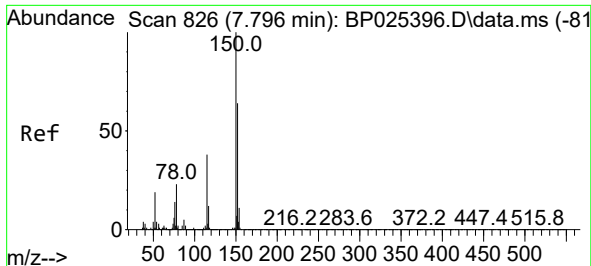
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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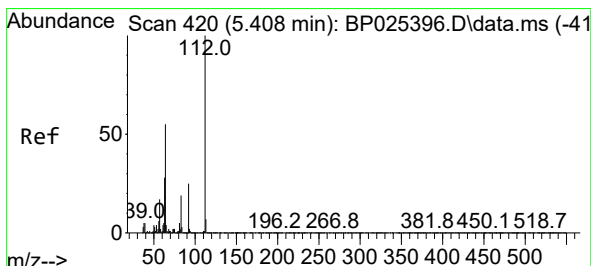
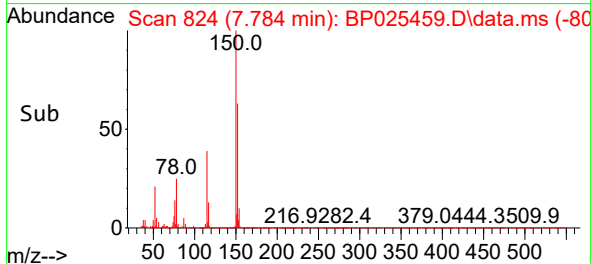
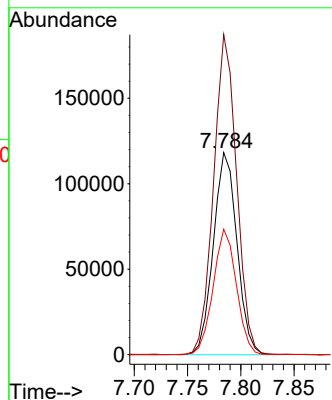
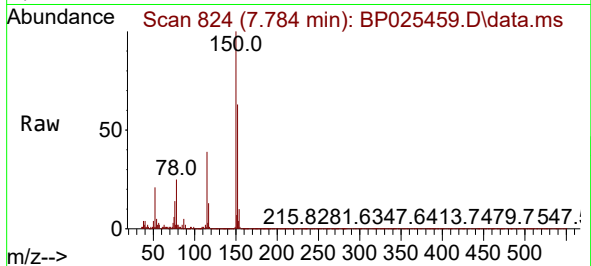




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

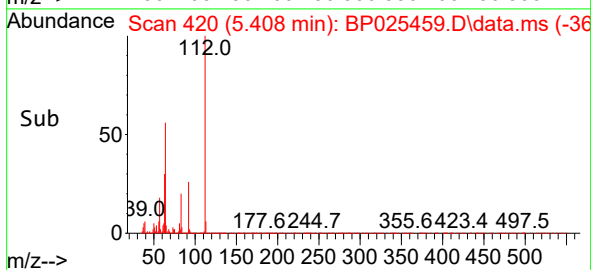
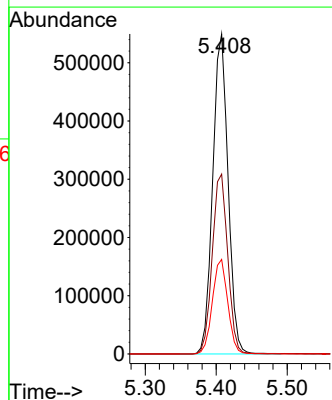
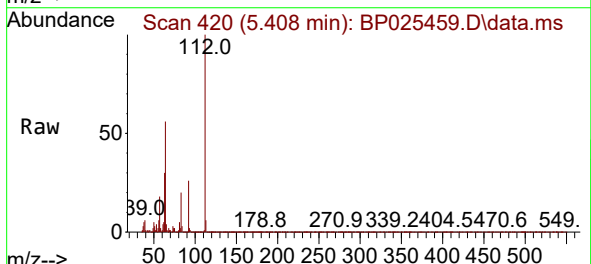
Instrument :
BNA_P
ClientSampleId :
TP-11

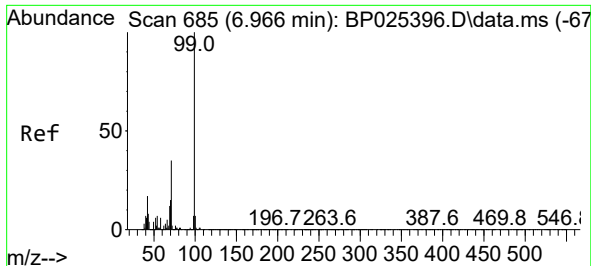
Tgt Ion:152 Resp: 181951
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 62.1 48.5 72.7



#5
2-Fluorophenol
Concen: 75.071 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

Tgt Ion:112 Resp: 822497
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 29.6 22.7 34.1

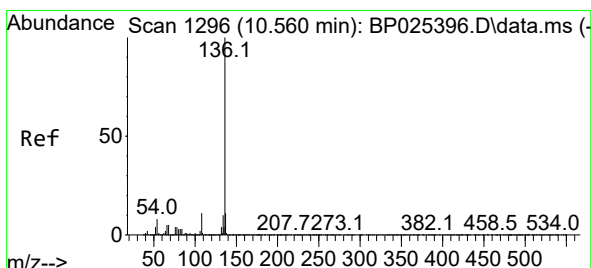
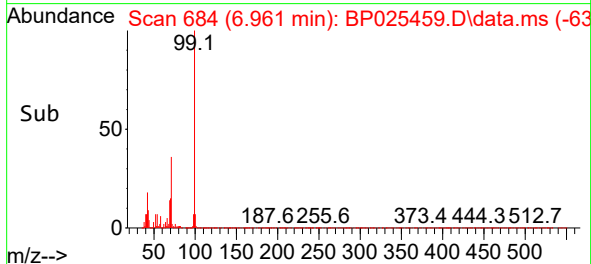
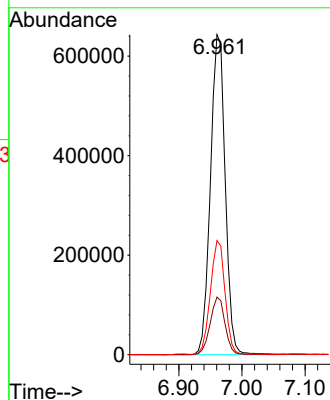
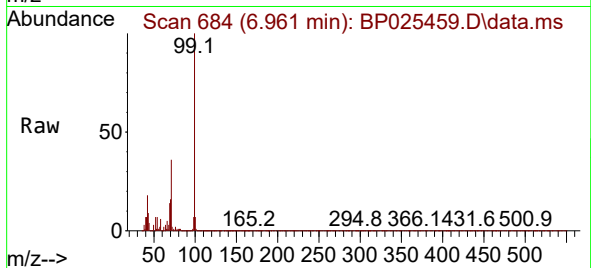




#7
Phenol-d6
Concen: 74.383 ng
RT: 6.961 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

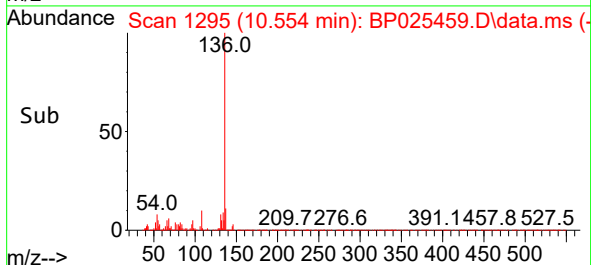
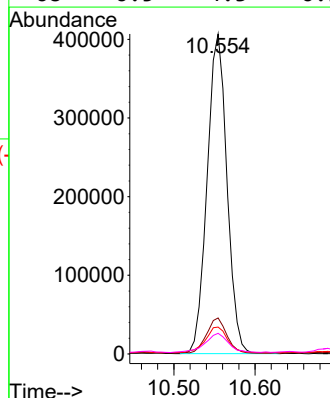
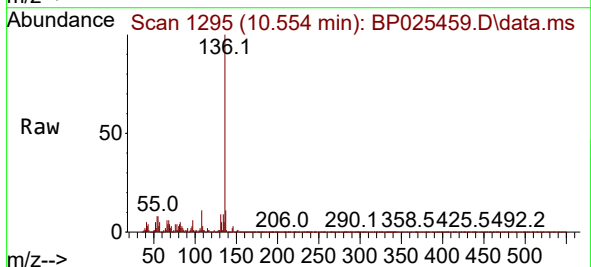
Instrument :
BNA_P
ClientSampleId :
TP-11

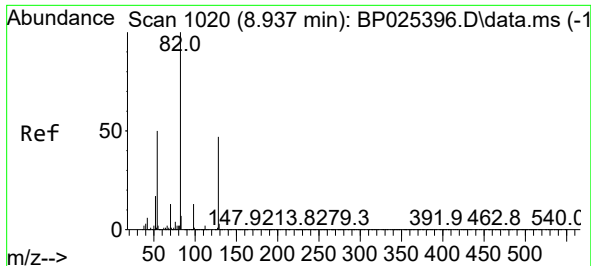
Tgt Ion: 99 Resp: 1044855
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 35.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

Tgt Ion:136 Resp: 688817
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.4 6.0 9.0
68 6.5 4.3 6.5

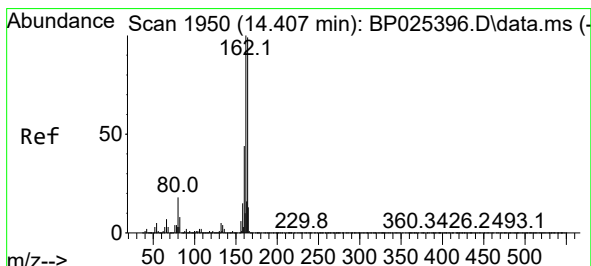
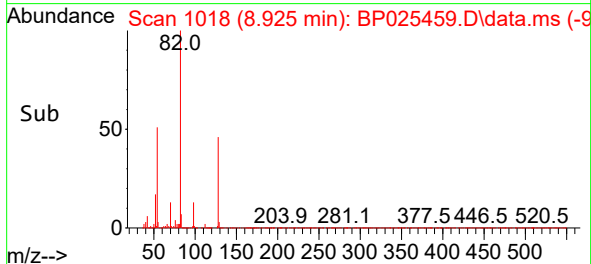
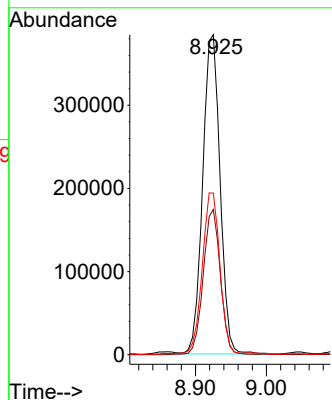
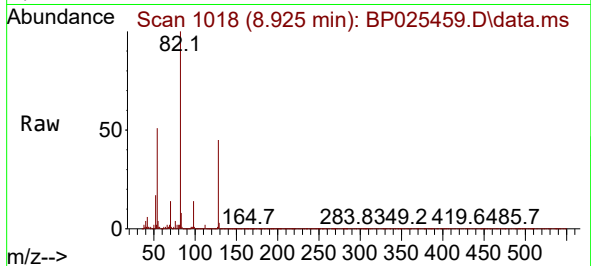




#23
Nitrobenzene-d5
Concen: 48.046 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

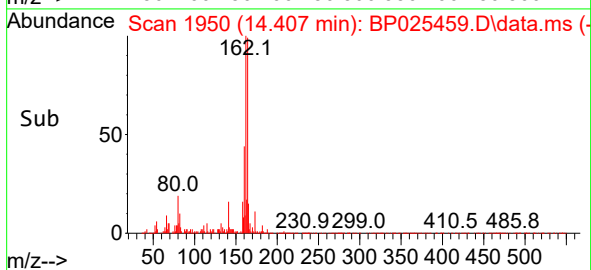
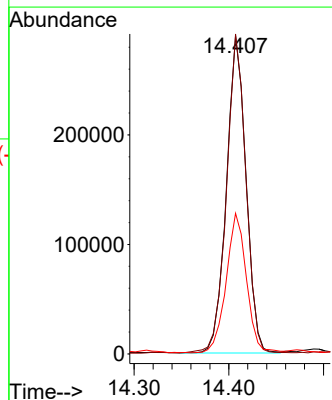
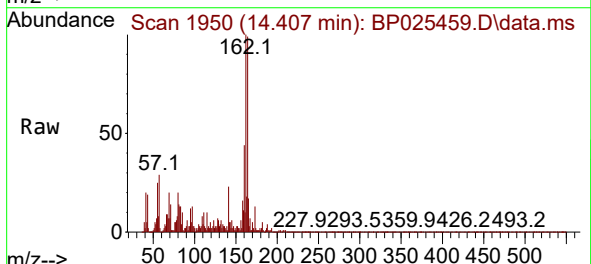
Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion: 82 Resp: 654238
Ion Ratio Lower Upper
82 100
128 45.4 37.7 56.5
54 50.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

Tgt Ion:164 Resp: 416860
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.6
160 44.2 35.4 53.2

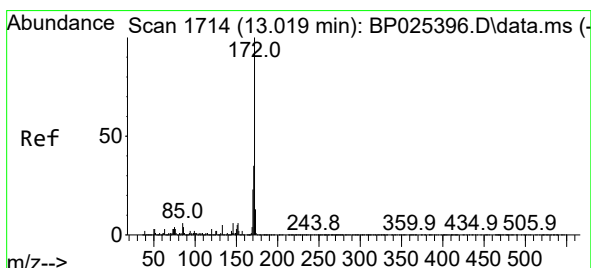
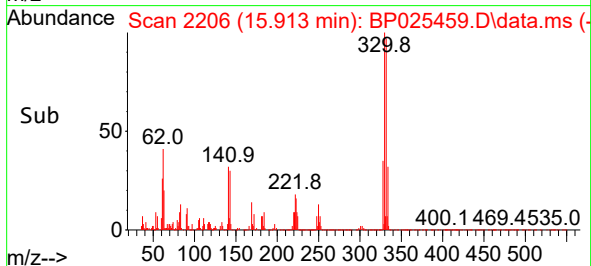
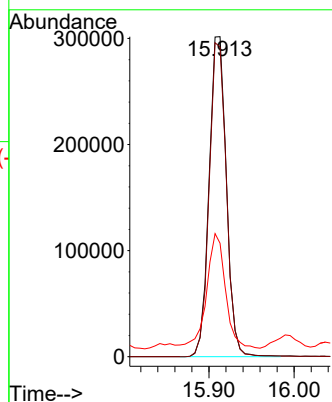
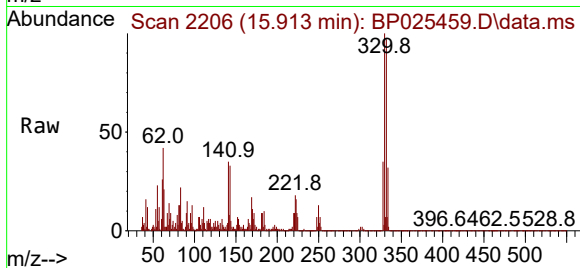




#42
2,4,6-Tribromophenol
Concen: 75.634 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

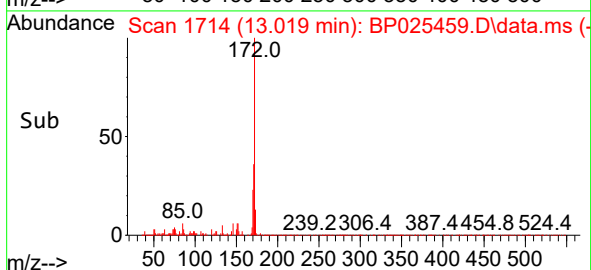
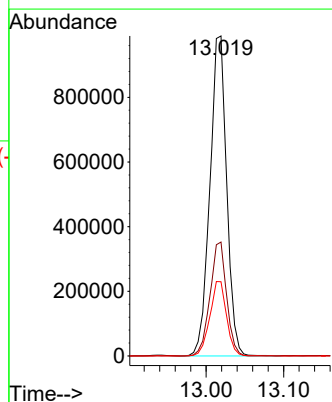
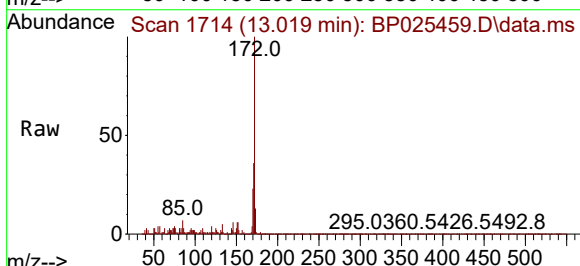
Instrument :
BNA_P
ClientSampleId :
TP-11

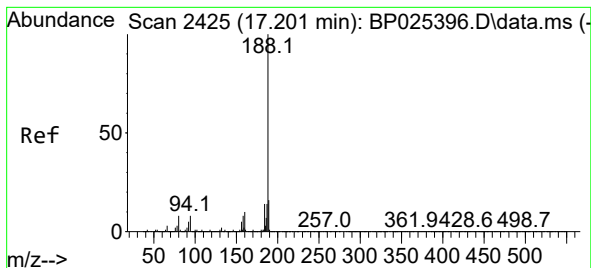
Tgt Ion: 330 Resp: 424380
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 39.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 48.846 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

Tgt Ion: 172 Resp: 1489873
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025459.D

Acq: 18 Aug 2025 13:28

Instrument :

BNA_P

ClientSampleId :

TP-11

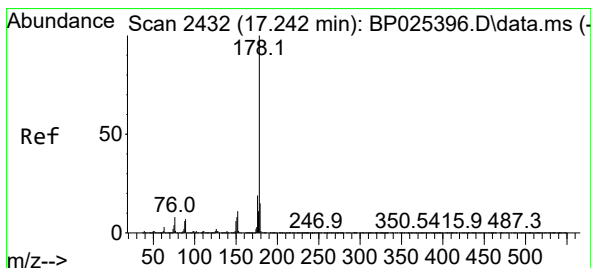
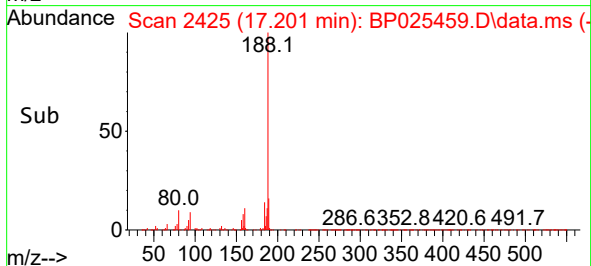
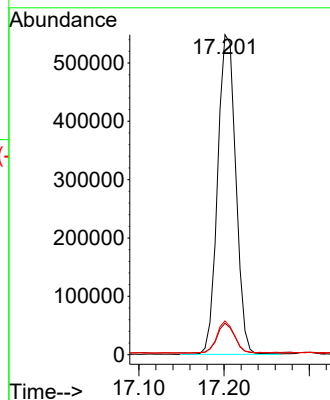
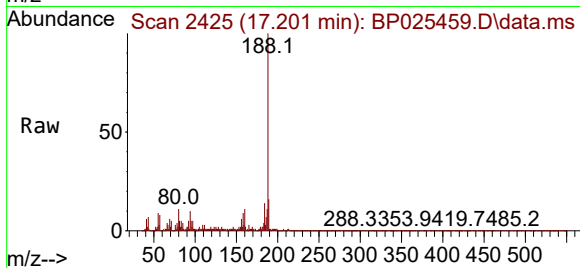
Tgt Ion:188 Resp: 812954

Ion Ratio Lower Upper

188 100

94 9.8 6.6 10.0

80 10.6 6.7 10.1#



#71

Phenanthrene

Concen: 9.020 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025459.D

Acq: 18 Aug 2025 13:28

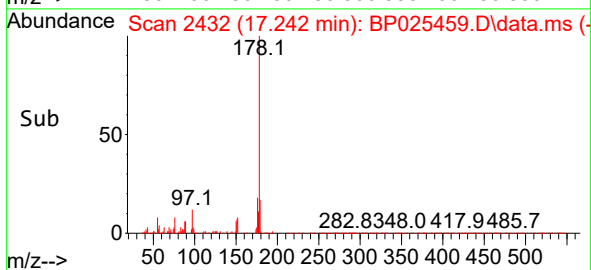
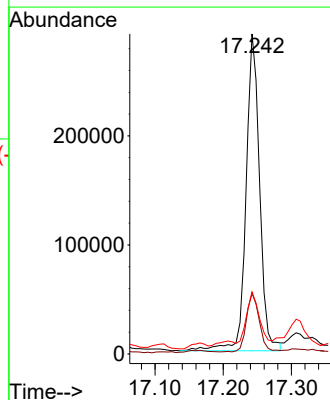
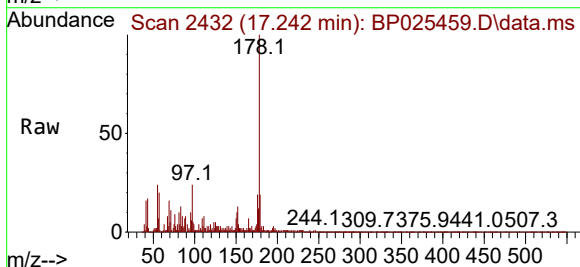
Tgt Ion:178 Resp: 402795

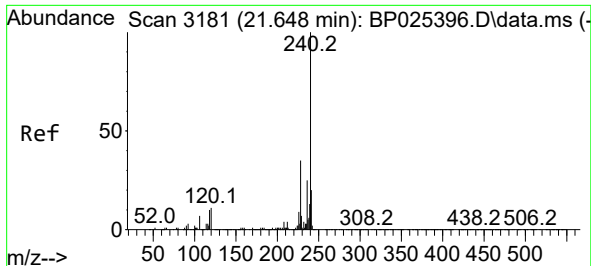
Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 19.4 12.2 18.4#

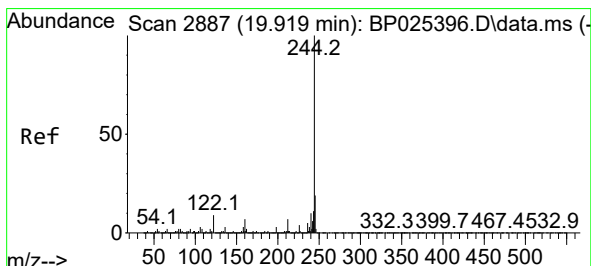
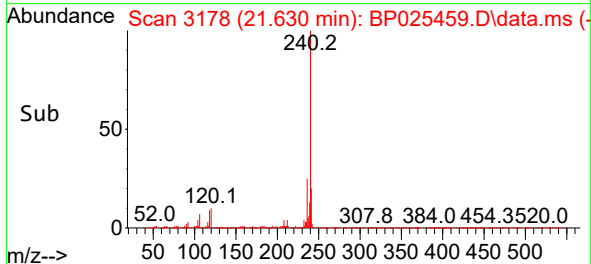
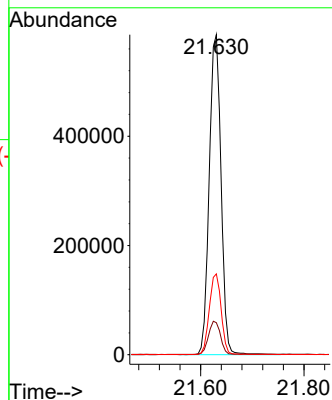
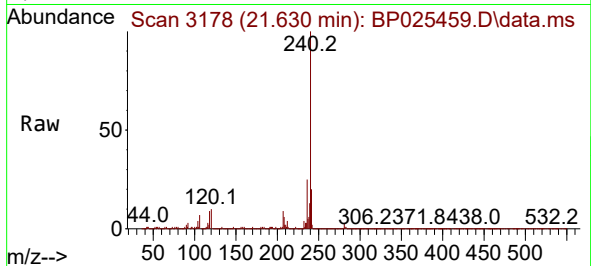




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3181
Delta R.T. -0.018 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

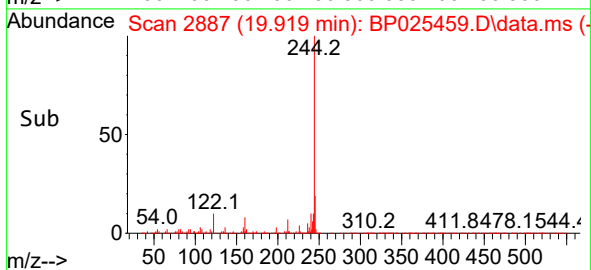
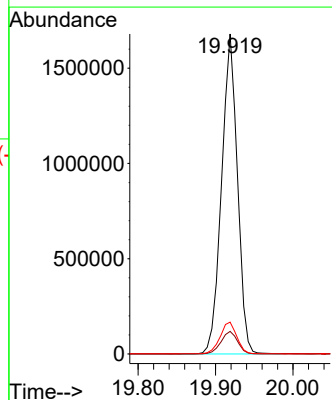
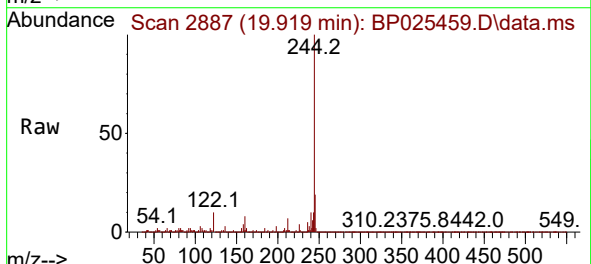
Instrument :
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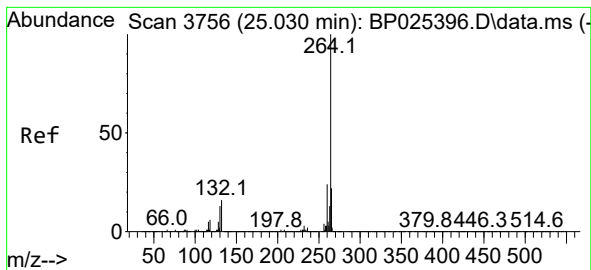
Tgt Ion:240 Resp: 925285
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.3 19.8 29.8



#79
Terphenyl-d14
Concen: 47.188 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

Tgt Ion:244 Resp: 2386491
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.0 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP025459.D
Acq: 18 Aug 2025 13:28

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:264 Resp: 1055443

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.1	17.4	26.0

