

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025435.D
 Acq On : 15 Aug 2025 20:21
 Operator : CG/JU
 Sample : Q2820-22RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22M-WRE

Quant Time: Aug 18 01:36:46 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)

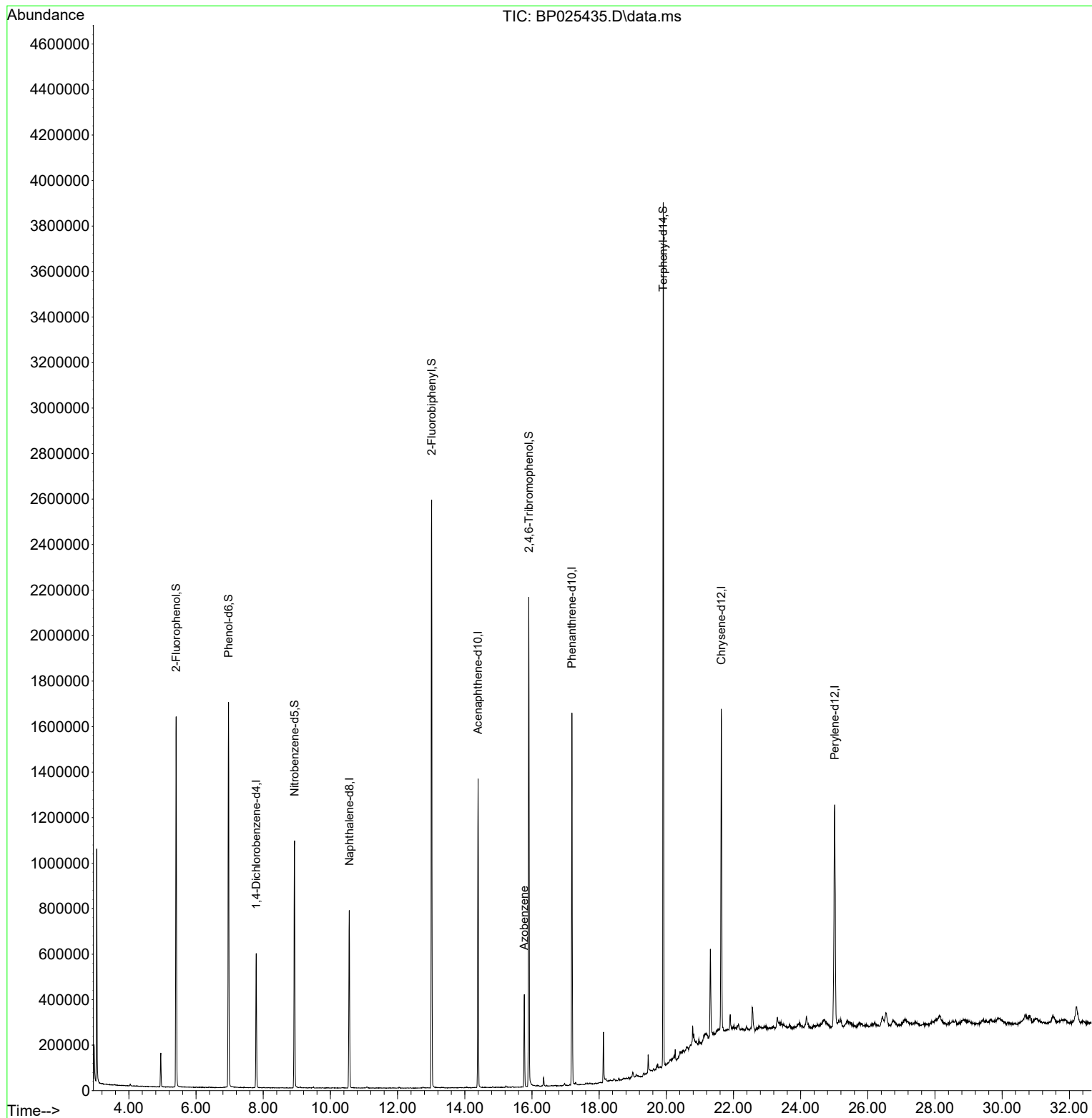
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	156053	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	655545	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	437583	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	897708	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	903775	20.000	ng	-0.01
86) Perylene-d12	25.012	264	1010900	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	714617	76.049	ng	0.00
7) Phenol-d6	6.966	99	940115	78.034	ng	0.00
23) Nitrobenzene-d5	8.931	82	620832	47.907	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	432896	73.498	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1320350	41.238	ng	0.00
79) Terphenyl-d14	19.907	244	1968336	39.846	ng	-0.01
Target Compounds						
63) Azobenzene	15.772	77	114816	4.118	ng	Qvalue # 1

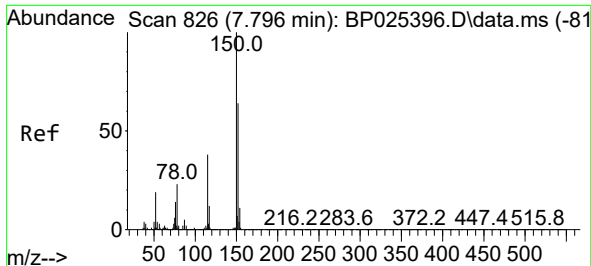
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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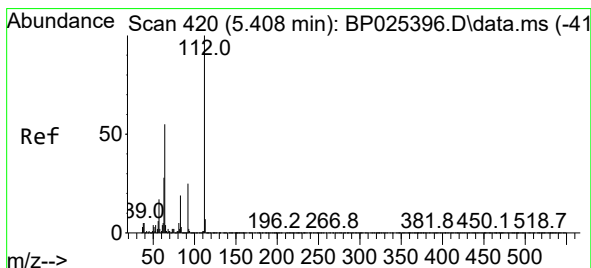
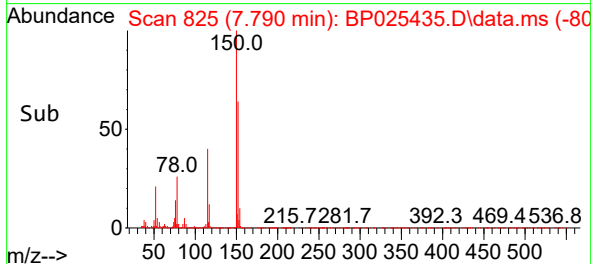
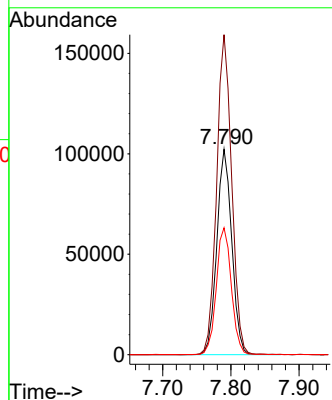
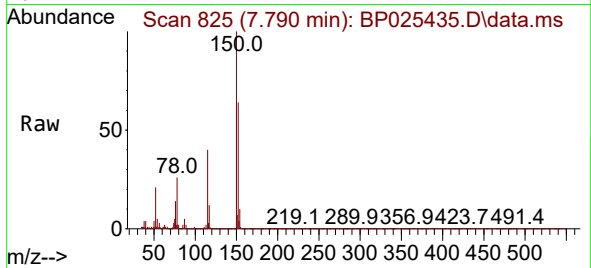




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

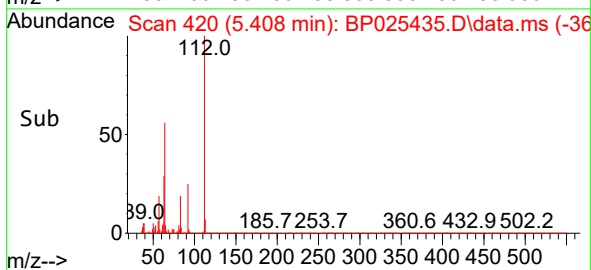
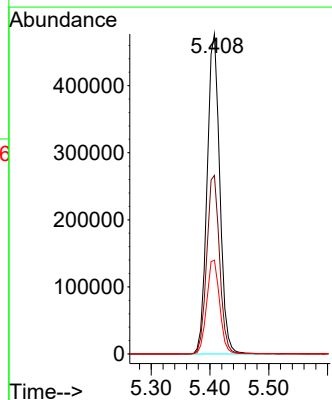
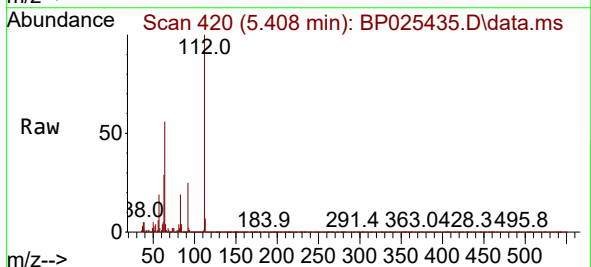
Instrument :
BNA_P
ClientSampleId :
22M-WRE

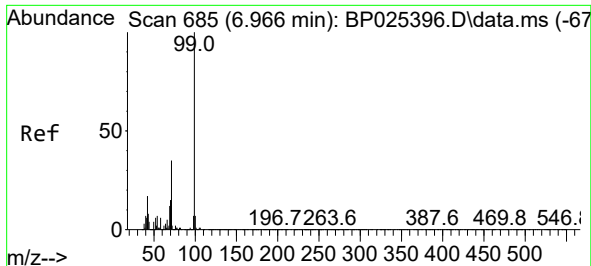
Tgt Ion:152 Resp: 156053
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 76.049 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

Tgt Ion:112 Resp: 714617
Ion Ratio Lower Upper
112 100
64 55.8 43.8 65.8
63 29.3 22.7 34.1

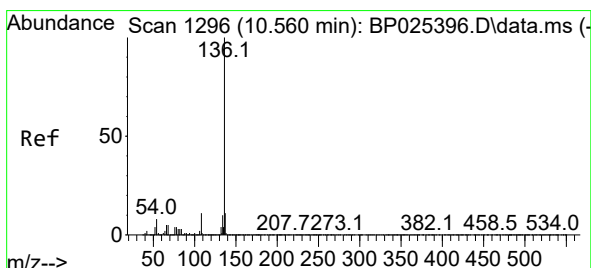
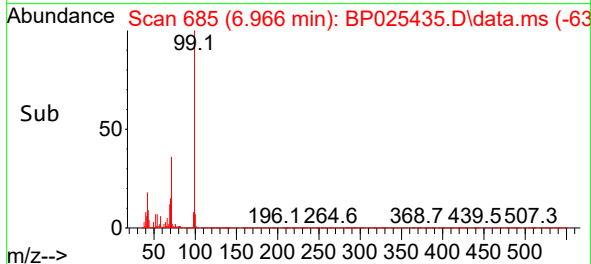
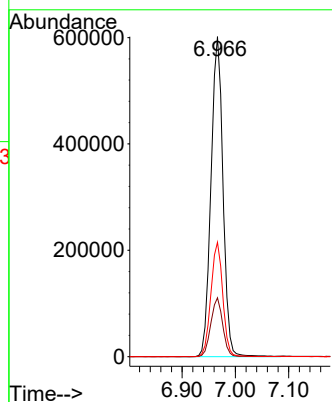
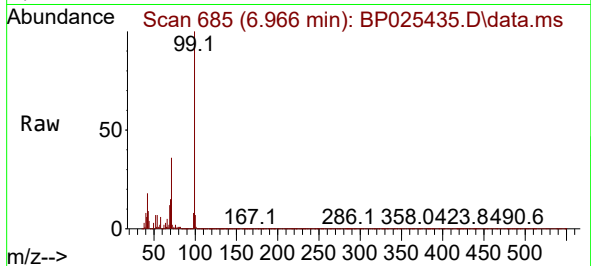




#7
Phenol-d6
Concen: 78.034 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

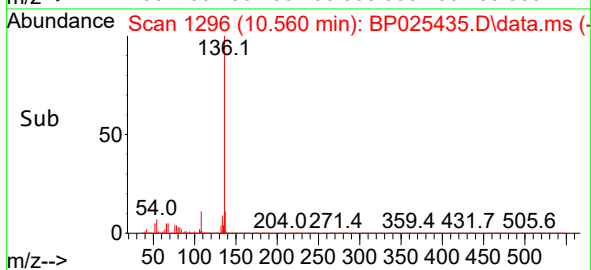
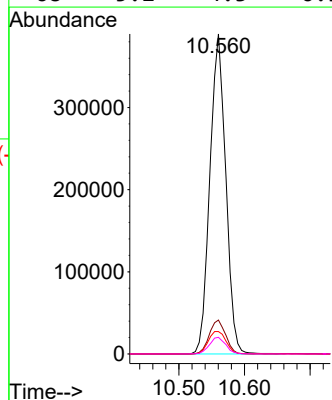
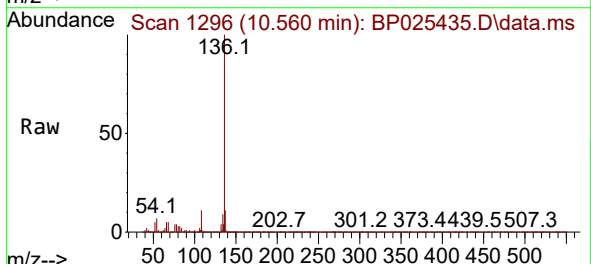
Instrument :
BNA_P
ClientSampleId :
22M-WRE

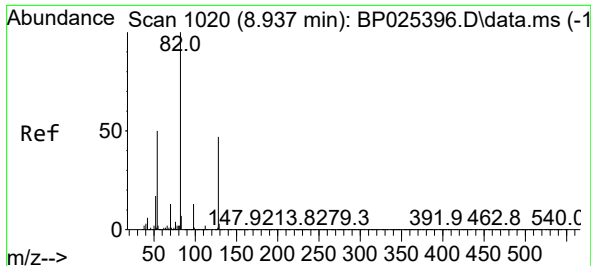
Tgt Ion: 99 Resp: 940115
Ion Ratio Lower Upper
99 100
42 18.4 13.7 20.5
71 35.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

Tgt Ion: 136 Resp: 655545
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.0 6.0 9.0
68 5.2 4.3 6.5

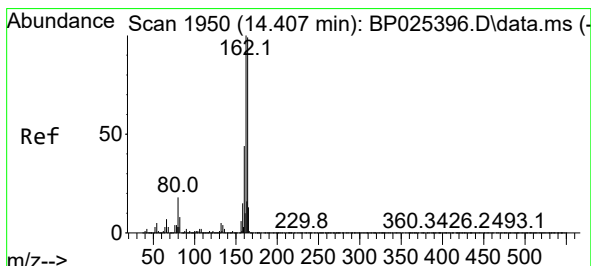
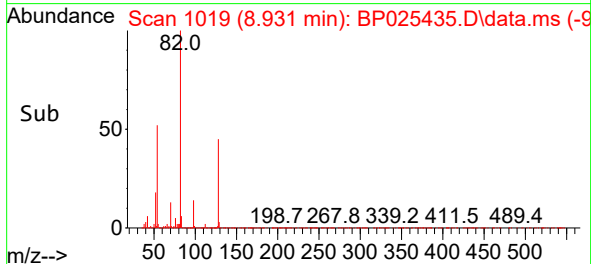
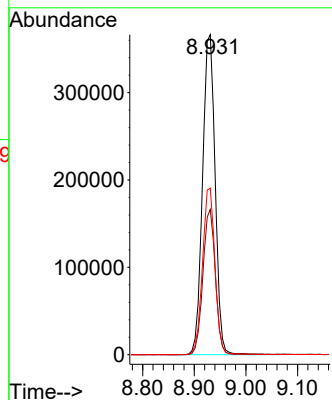
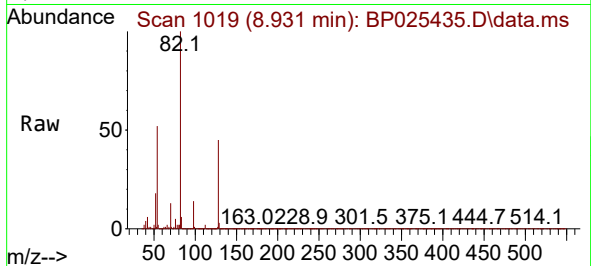




#23
Nitrobenzene-d5
Concen: 47.907 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

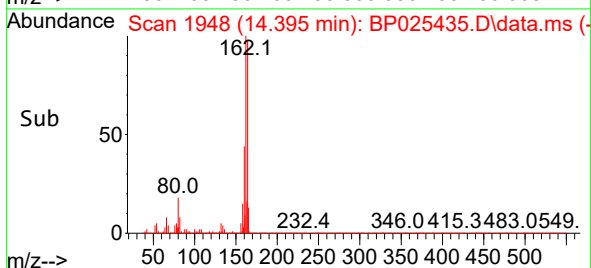
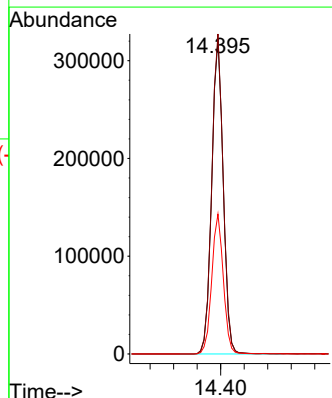
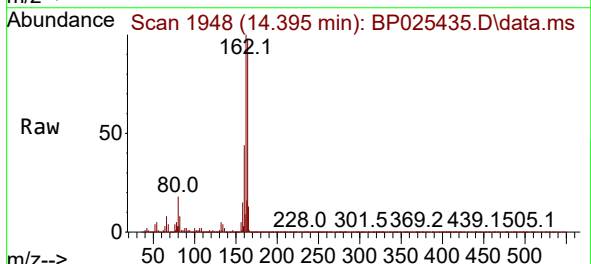
Instrument :
BNA_P
ClientSampleId :
22M-WRE

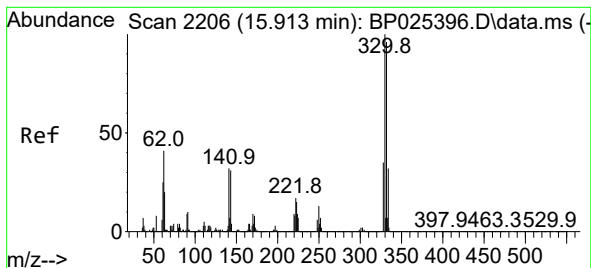
Tgt Ion: 82 Resp: 620832
Ion Ratio Lower Upper
82 100
128 45.4 37.7 56.5
54 52.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

Tgt Ion:164 Resp: 437583
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.6
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 73.498 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

Instrument :

BNA_P

ClientSampleId :

22M-WRE

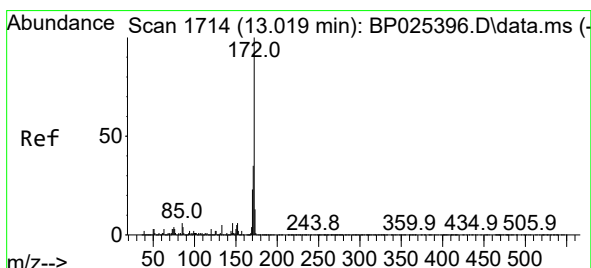
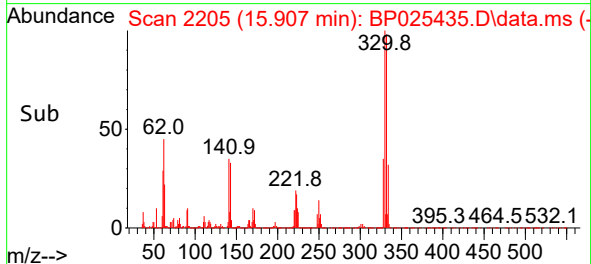
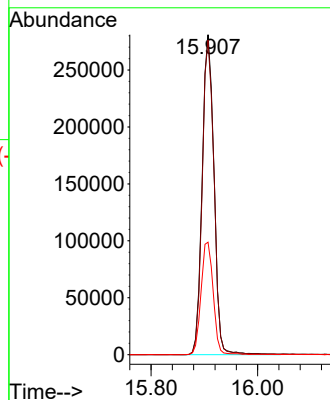
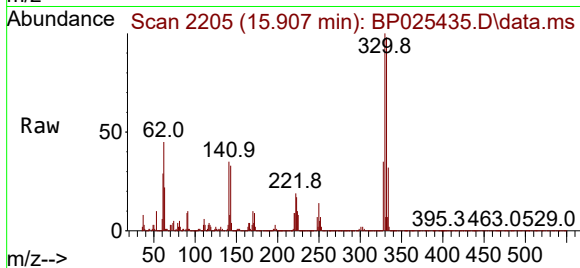
Tgt Ion:330 Resp: 432896

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 36.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 41.238 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

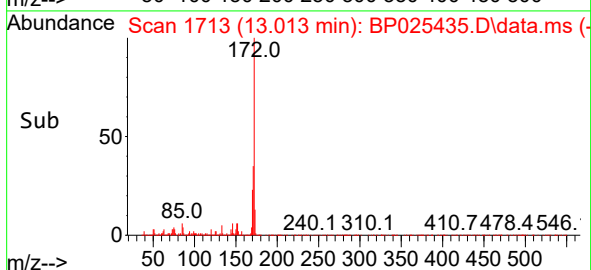
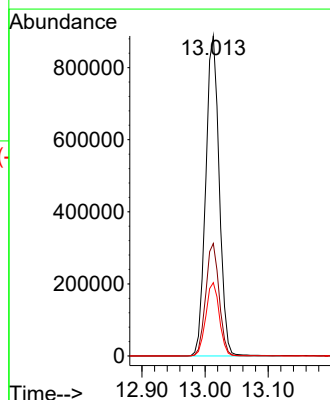
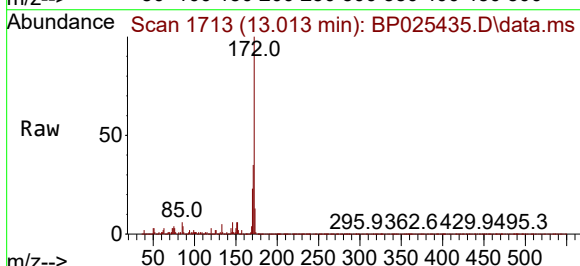
Tgt Ion:172 Resp: 1320350

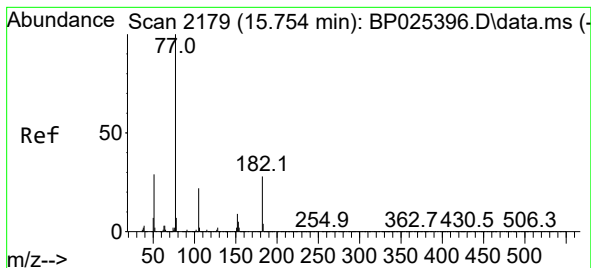
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 22.9 18.6 28.0





#63

Azobenzene

Concen: 4.118 ng

RT: 15.772 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

Instrument :

BNA_P

ClientSampleId :

22M-WRE

Tgt Ion: 77 Resp: 114816

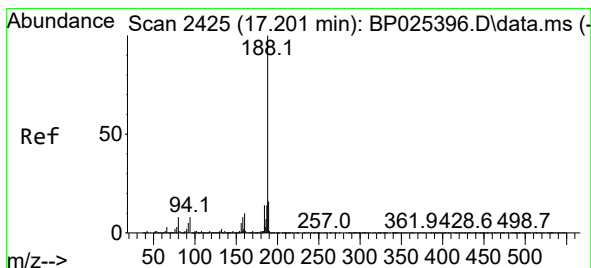
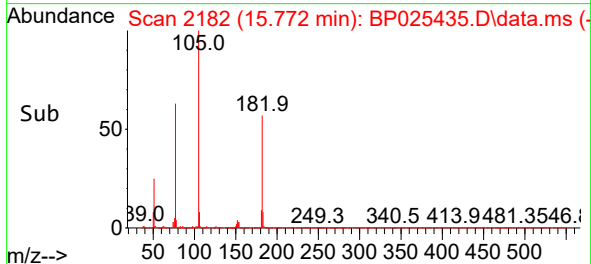
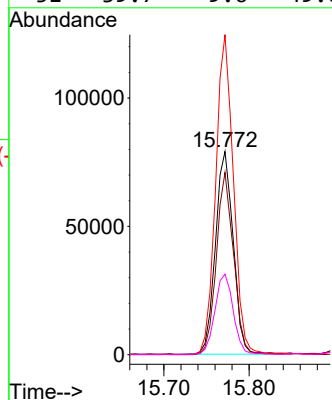
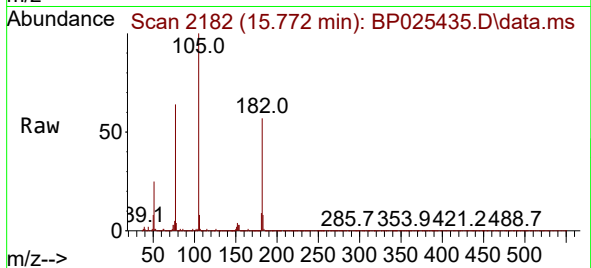
Ion Ratio Lower Upper

77 100

182 89.6 7.5 47.5#

105 157.4 2.1 42.1#

51 39.7 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

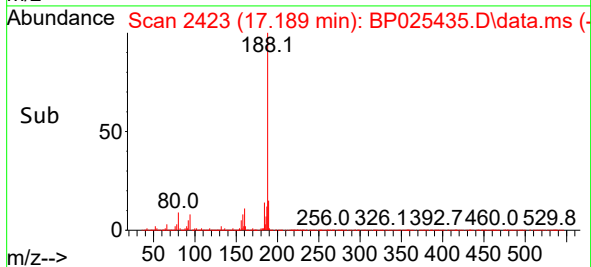
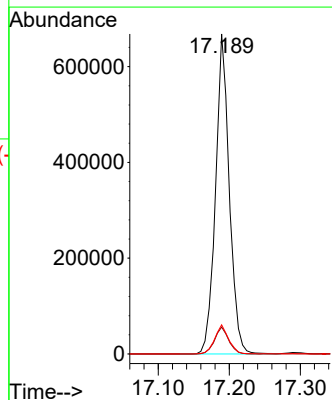
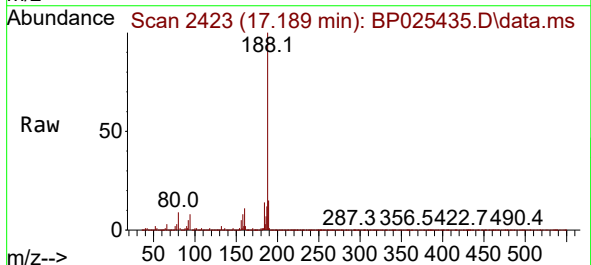
Tgt Ion:188 Resp: 897708

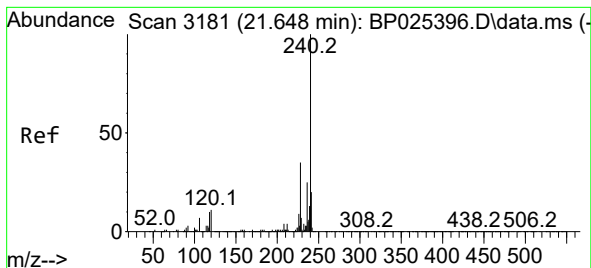
Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.1 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

Instrument :

BNA_P

ClientSampleId :

22M-WRE

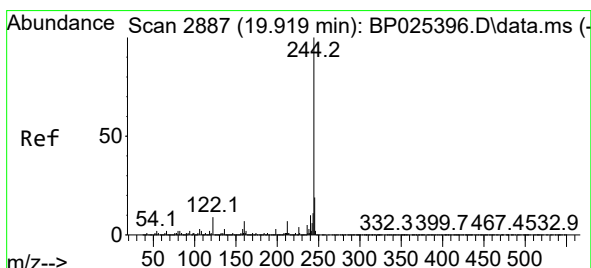
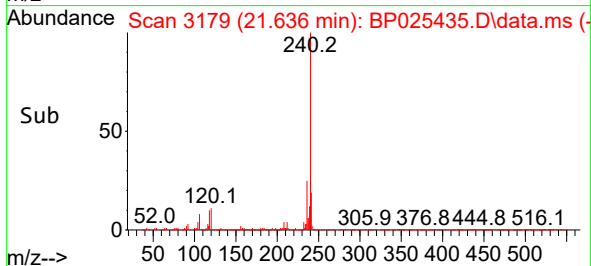
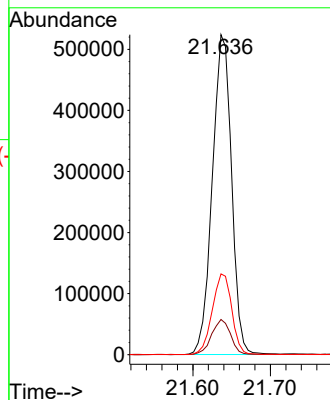
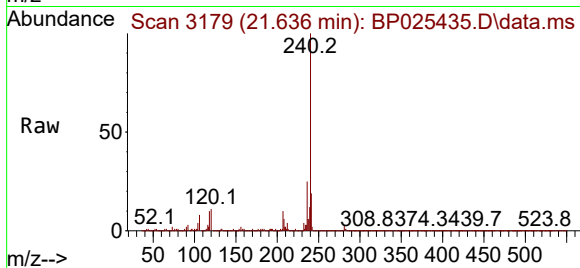
Tgt Ion:240 Resp: 903775

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.2 19.8 29.8



#79

Terphenyl-d14

Concen: 39.846 ng

RT: 19.907 min Scan# 2885

Delta R.T. -0.012 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

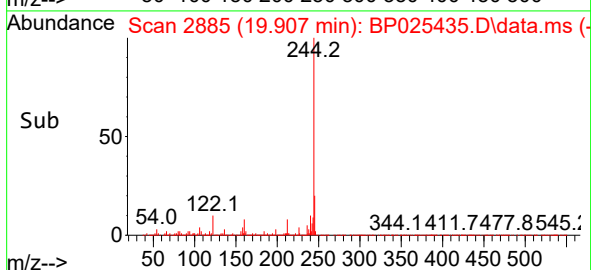
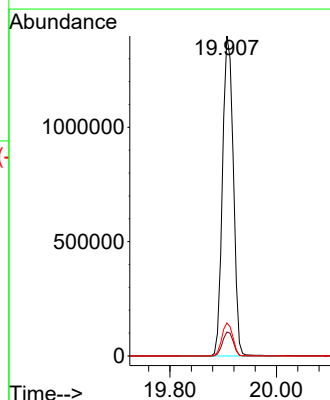
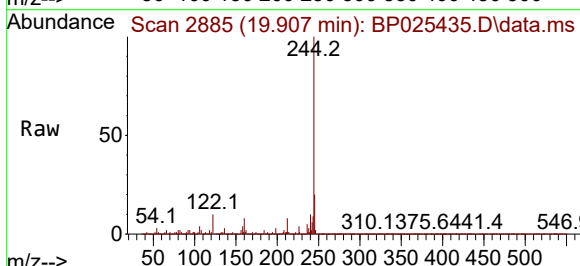
Tgt Ion:244 Resp: 1968336

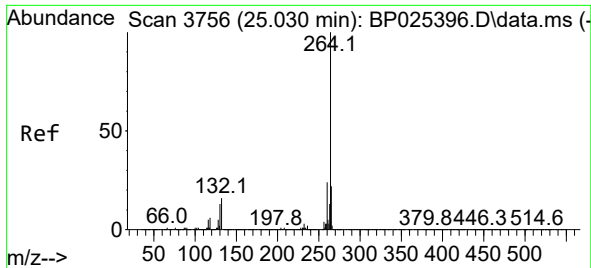
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 10.3 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 31
Delta R.T. -0.018 min
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Acq: 15 Aug 2025 20:21

Instrument :
BNA_P
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Tgt Ion:264 Resp: 1010900

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	22.2	17.4	26.0

