

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025539.D
 Acq On : 21 Aug 2025 14:15
 Operator : CG/JU
 Sample : Q2819-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22BP-S

Quant Time: Aug 21 14:52:35 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)

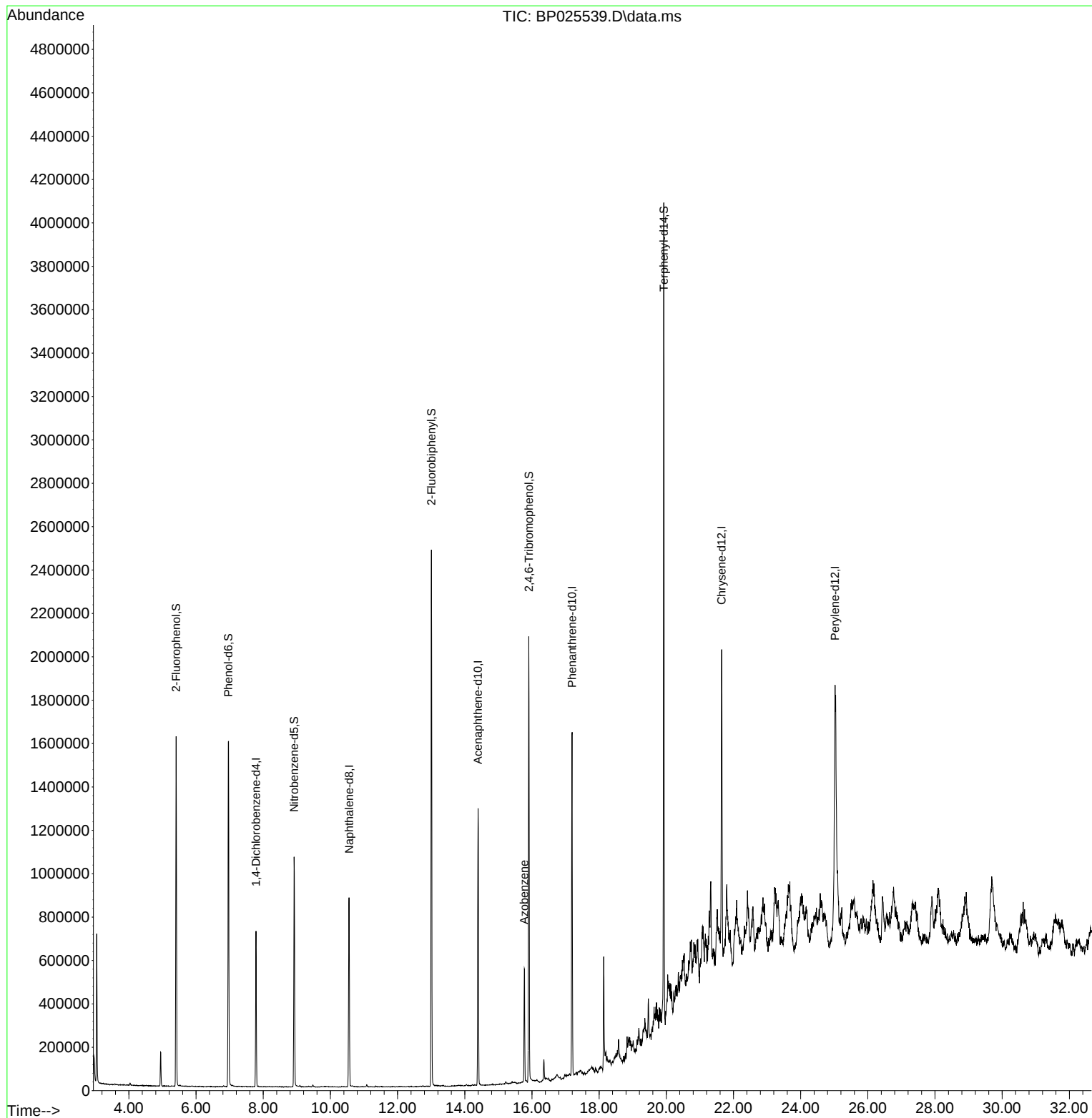
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	193258	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	777260	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	486743	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	966815	20.000	ng	0.00
76) Chrysene-d12	21.648	240	966494	20.000	ng	0.00
86) Perylene-d12	25.024	264	1099088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	721200	61.974	ng	0.00
7) Phenol-d6	6.960	99	945732	63.388	ng	0.00
23) Nitrobenzene-d5	8.919	82	605248	39.391	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	420522	64.186	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1314916	36.920	ng	-0.01
79) Terphenyl-d14	19.924	244	1839522	34.822	ng	0.00
Target Compounds						
63) Azobenzene	15.772	77	152095	4.904	ng	Qvalue # 1

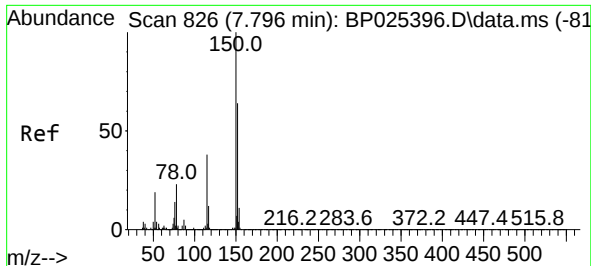
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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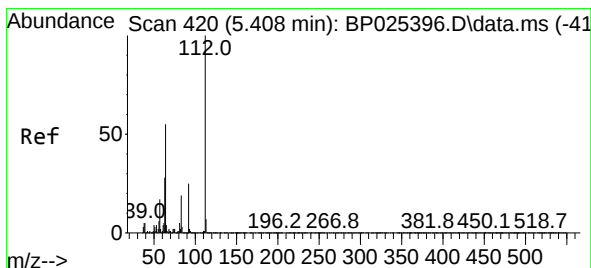
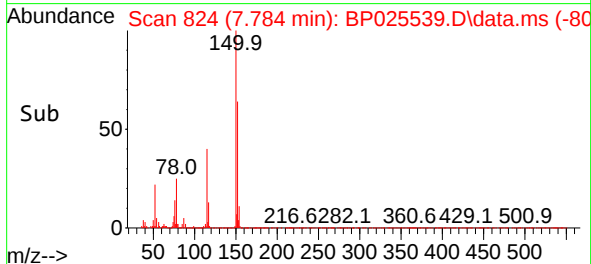
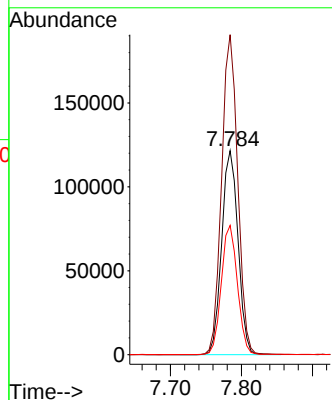
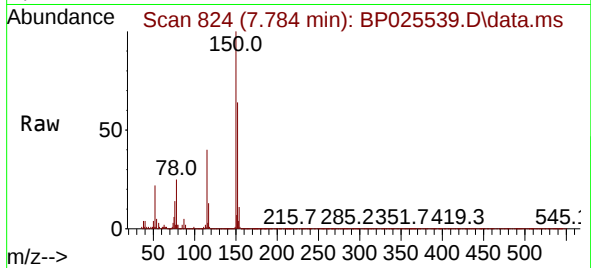




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025539.D
Acq: 21 Aug 2025 14:15

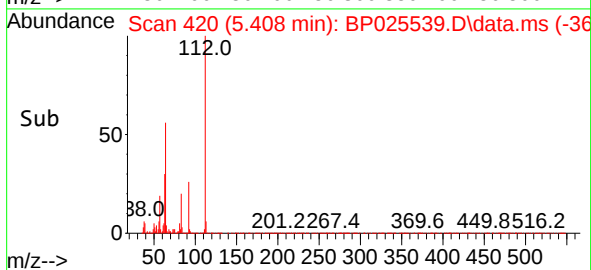
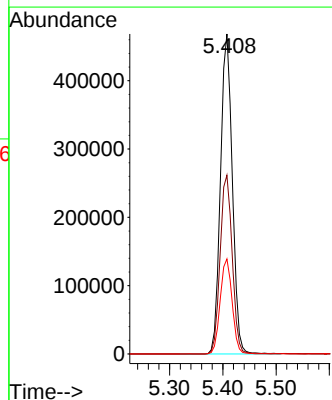
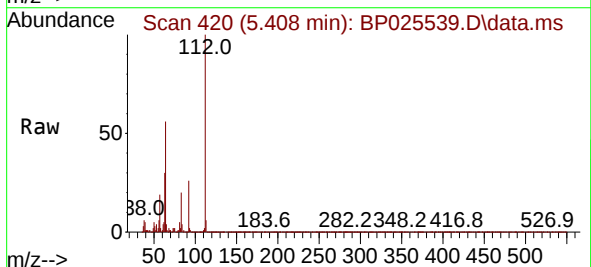
Instrument :
BNA_P
ClientSampleId :
22BP-S

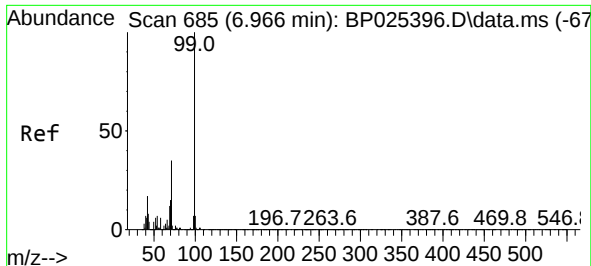
Tgt Ion:152 Resp: 193258
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 63.3 48.5 72.7



#5
2-Fluorophenol
Concen: 61.974 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025539.D
Acq: 21 Aug 2025 14:15

Tgt Ion:112 Resp: 721200
Ion Ratio Lower Upper
112 100
64 55.9 43.8 65.8
63 29.7 22.7 34.1

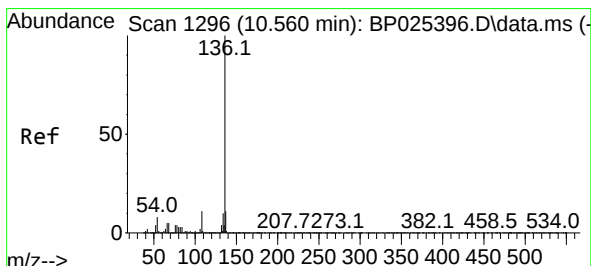
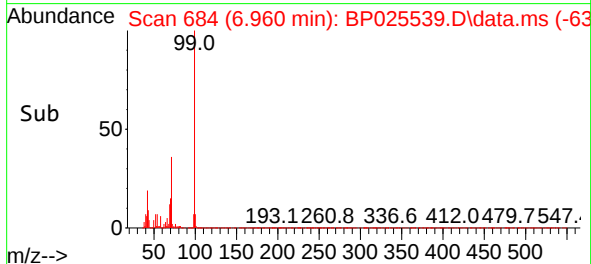
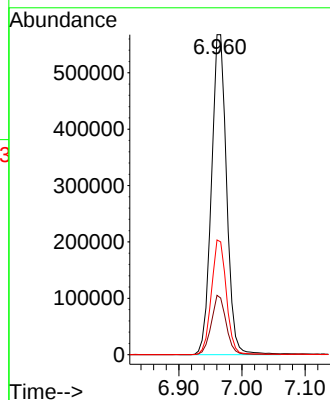
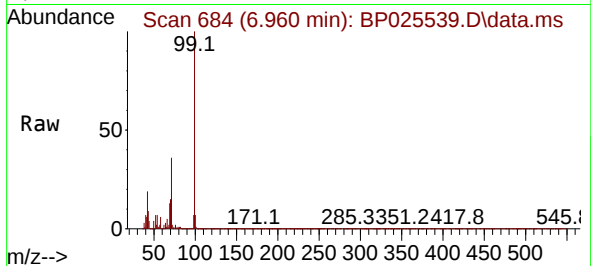




#7
Phenol-d6
Concen: 63.388 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025539.D
Acq: 21 Aug 2025 14:15

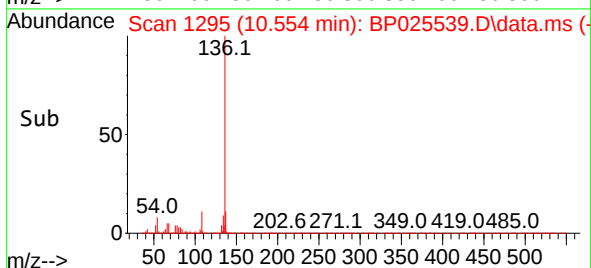
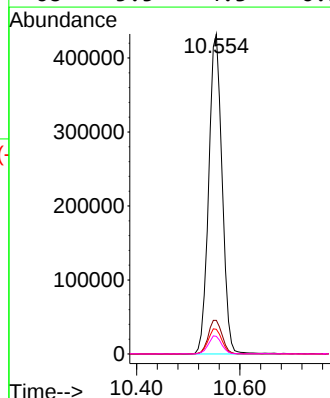
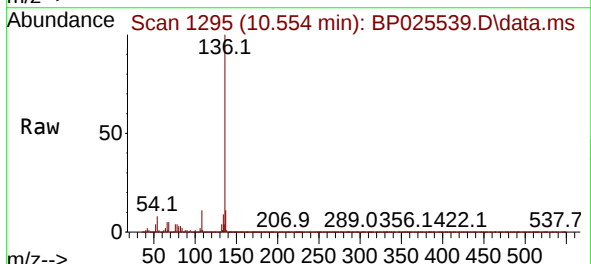
Instrument :
BNA_P
ClientSampleId :
22BP-S

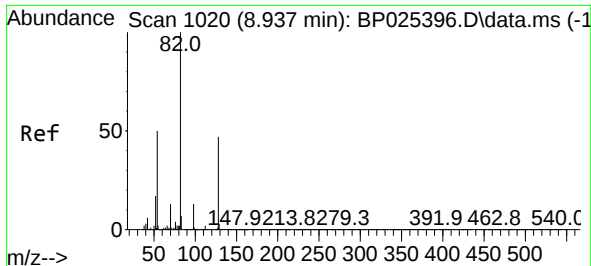
Tgt Ion: 99 Resp: 945732
Ion Ratio Lower Upper
99 100
42 18.6 13.7 20.5
71 35.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025539.D
Acq: 21 Aug 2025 14:15

Tgt Ion:136 Resp: 777260
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.7 6.0 9.0
68 5.5 4.3 6.5

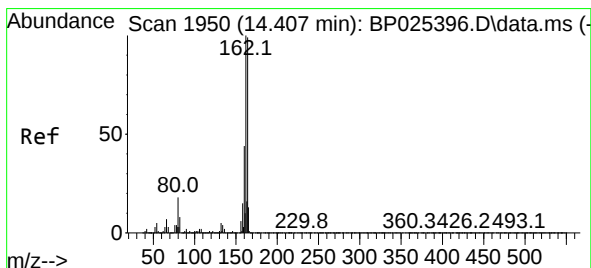
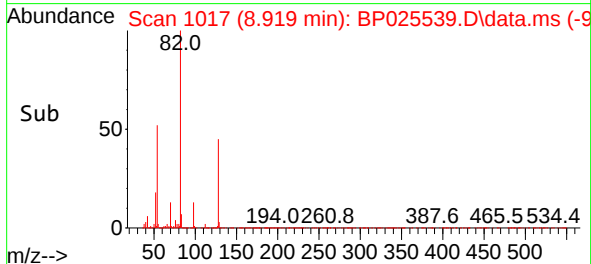
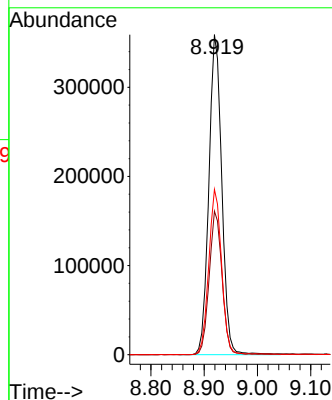
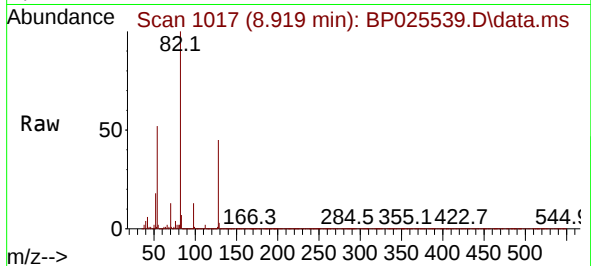




#23
Nitrobenzene-d5
Concen: 39.391 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025539.D
Acq: 21 Aug 2025 14:15

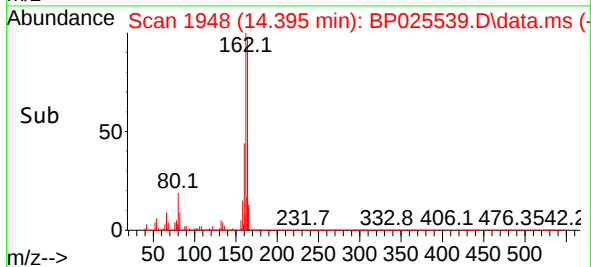
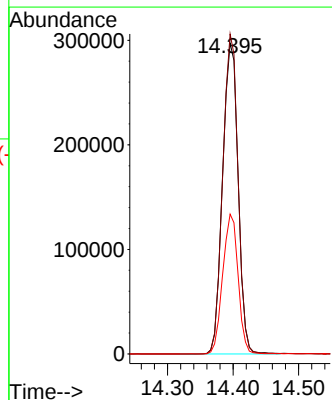
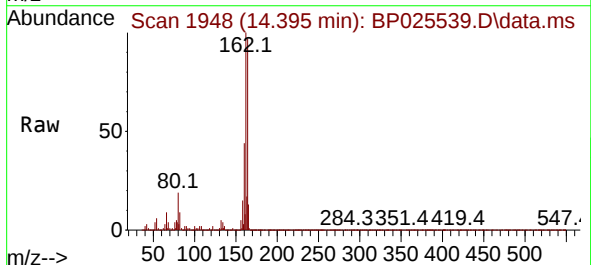
Instrument :
BNA_P
ClientSampleId :
22BP-S

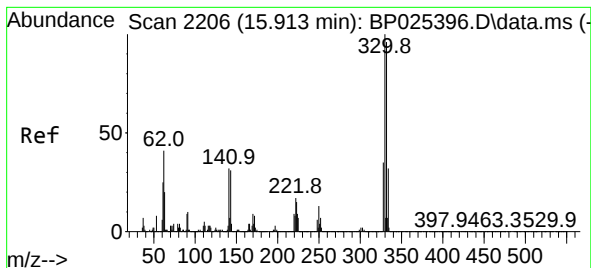
Tgt Ion: 82 Resp: 605248
Ion Ratio Lower Upper
82 100
128 44.8 37.7 56.5
54 51.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025539.D
Acq: 21 Aug 2025 14:15

Tgt Ion:164 Resp: 486743
Ion Ratio Lower Upper
164 100
162 102.9 81.0 121.6
160 45.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 64.186 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025539.D

Acq: 21 Aug 2025 14:15

Instrument :

BNA_P

ClientSampleId :

22BP-S

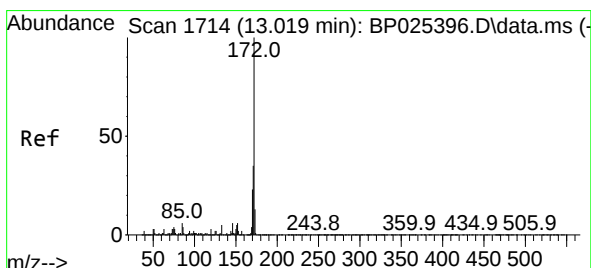
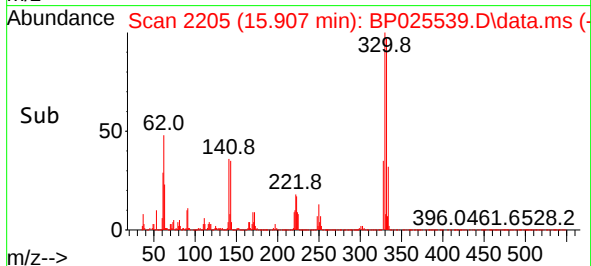
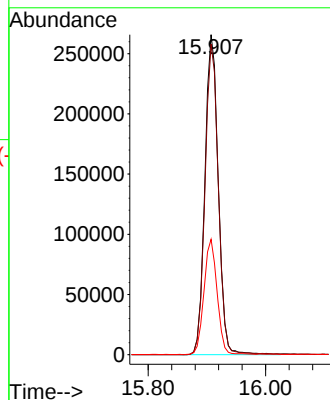
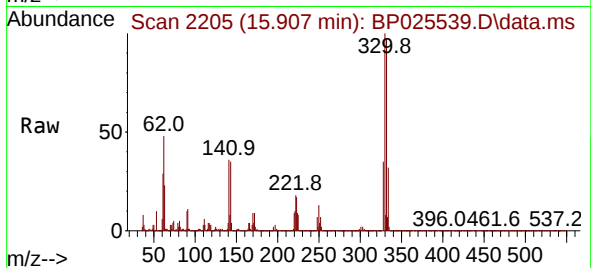
Tgt Ion:330 Resp: 420522

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 35.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 36.920 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025539.D

Acq: 21 Aug 2025 14:15

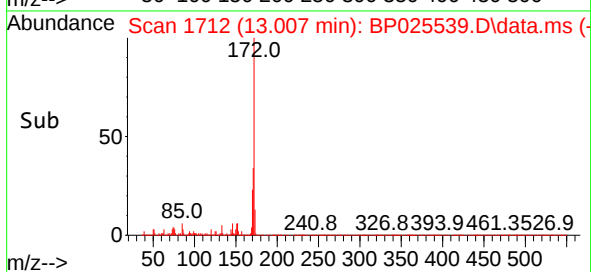
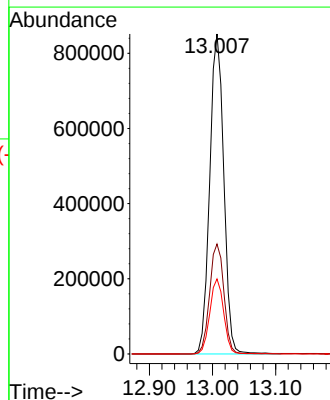
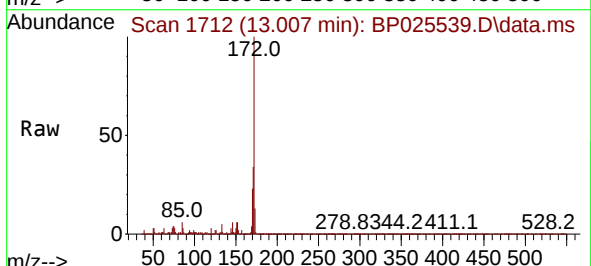
Tgt Ion:172 Resp: 1314916

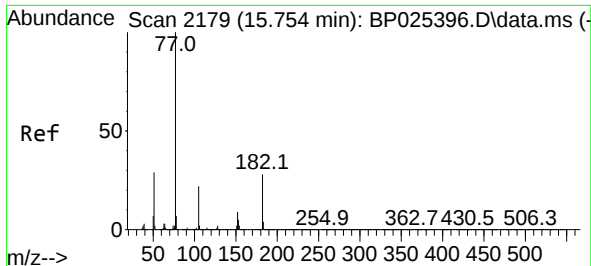
Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.5 18.6 28.0

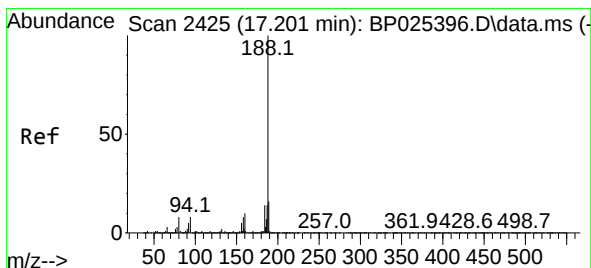
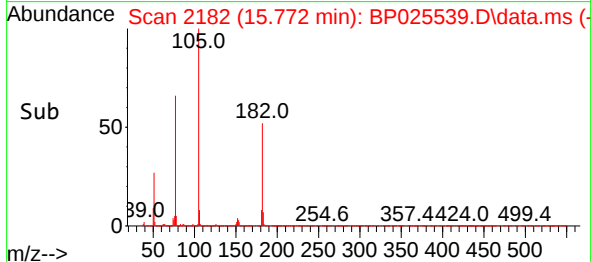
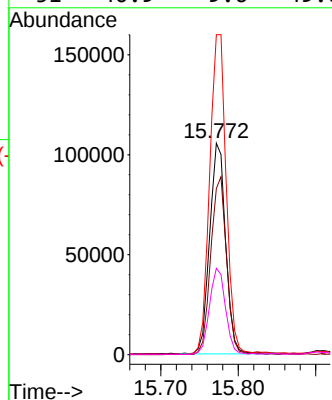
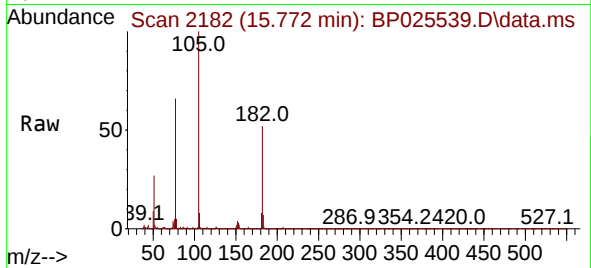




#63
Azobenzene
Concen: 4.904 ng
RT: 15.772 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025539.D
Acq: 21 Aug 2025 14:15

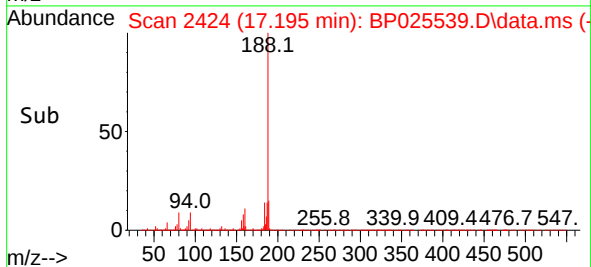
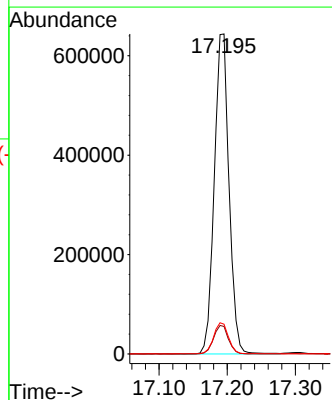
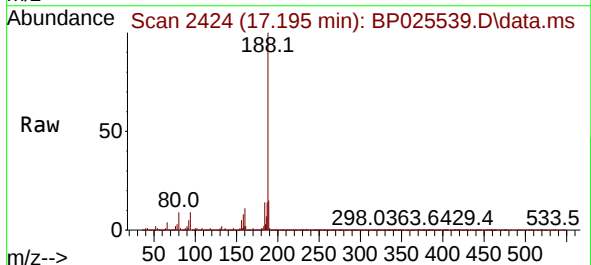
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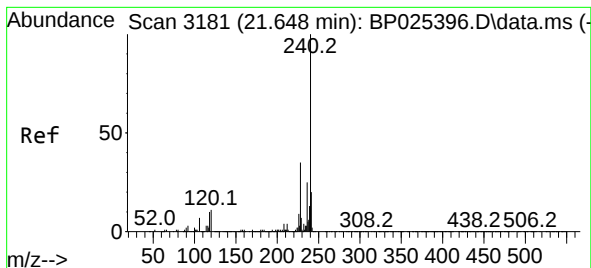
Tgt Ion: 77 Resp: 152095
Ion Ratio Lower Upper
77 100
182 78.6 7.5 47.5#
105 151.3 2.1 42.1#
51 40.9 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025539.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 188 Resp: 966815
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.3 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP025539.D

Acq: 21 Aug 2025 14:15

Instrument :

BNA_P

ClientSampleId :

22BP-S

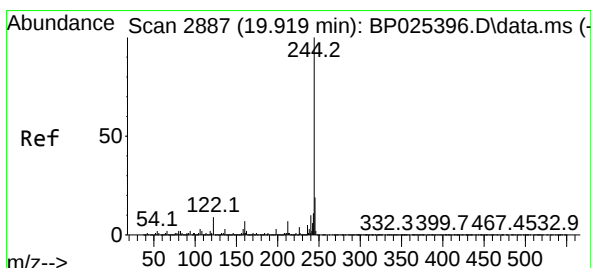
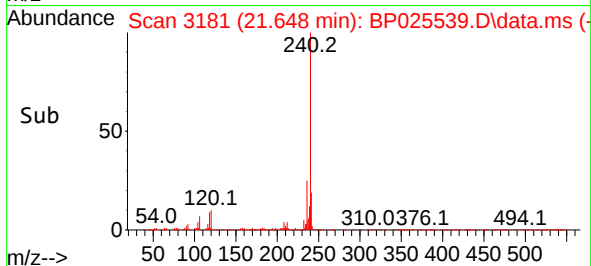
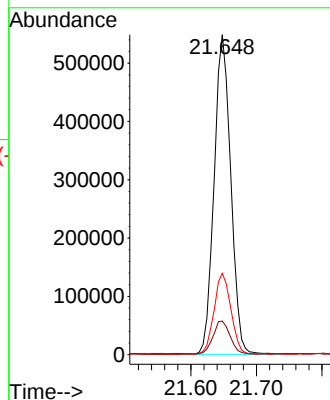
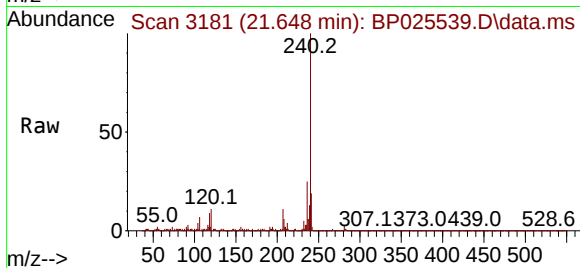
Tgt Ion:240 Resp: 966494

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 34.822 ng

RT: 19.924 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP025539.D

Acq: 21 Aug 2025 14:15

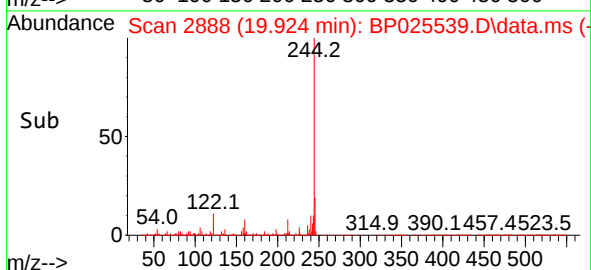
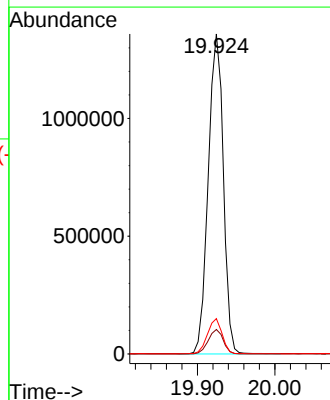
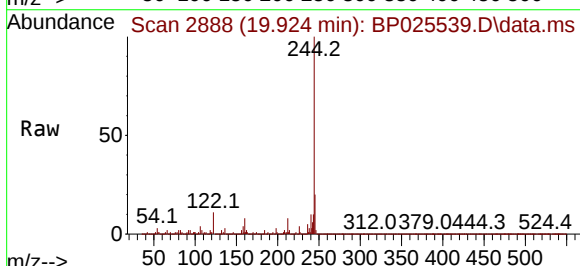
Tgt Ion:244 Resp: 1839522

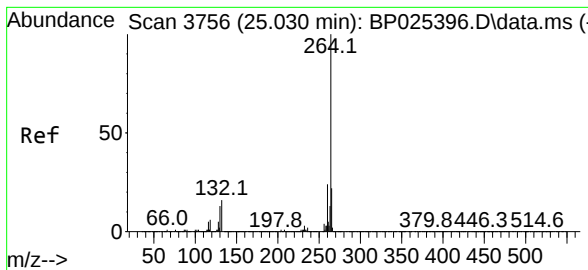
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 11.1 7.4 11.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.024 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP025539.D
 Acq: 21 Aug 2025 14:15

Instrument :
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Tgt Ion:264 Resp: 1099088

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.6	17.4	26.0

