

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025624.D
 Acq On : 29 Aug 2025 13:58
 Operator : CG/JU
 Sample : Q2986-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NORTH-TP-2

Quant Time: Aug 29 14:23:16 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)

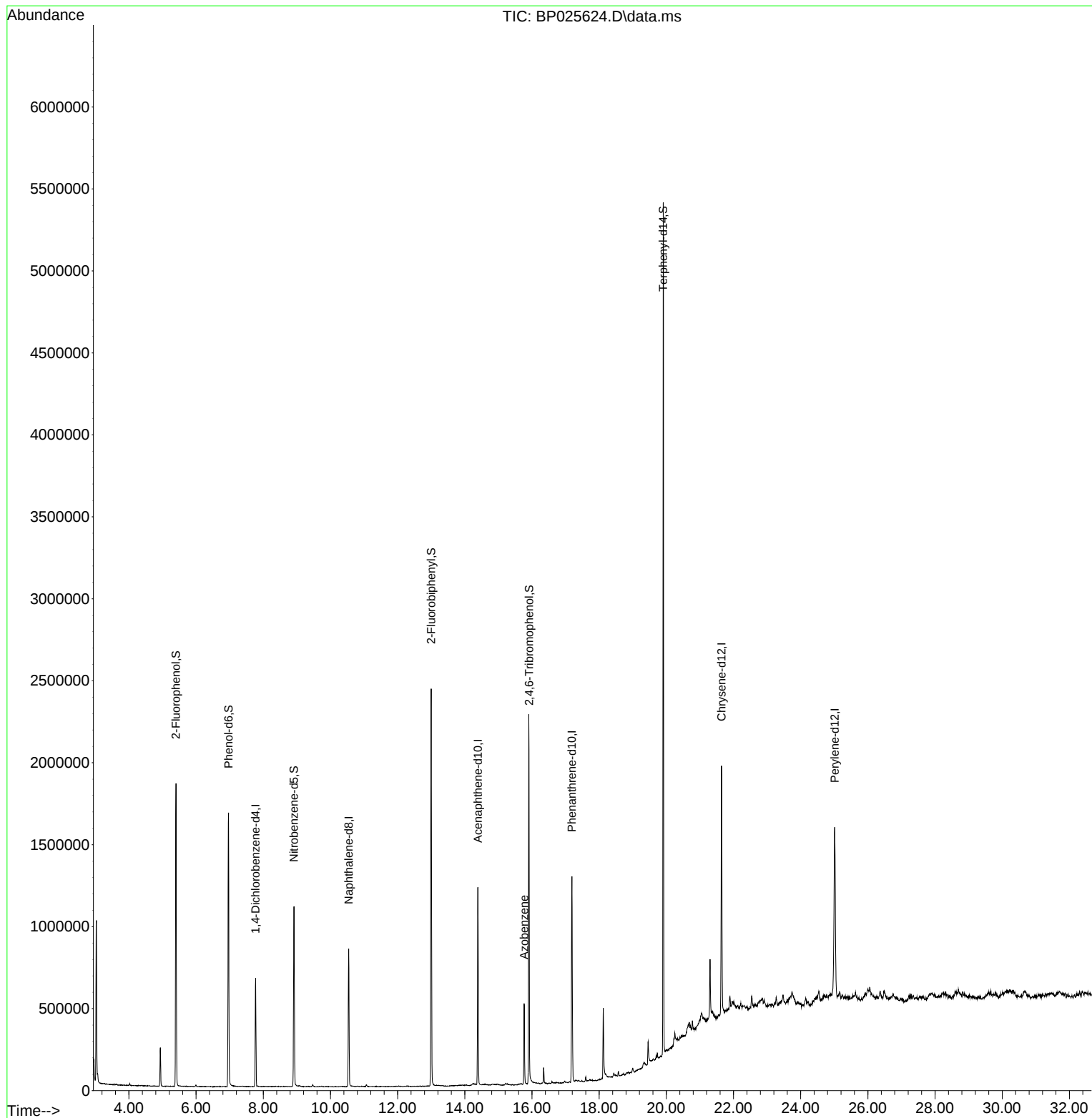
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	179035	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	691133	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	430744	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	876656	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	950209	20.000	ng	0.00
86) Perylene-d12	25.012	264	1125971	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	804323	74.608	ng	0.00
7) Phenol-d6	6.966	99	1016024	73.509	ng	0.00
23) Nitrobenzene-d5	8.913	82	650230	47.592	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	444721	76.704	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1396059	44.295	ng	-0.02
79) Terphenyl-d14	19.907	244	2347052	45.191	ng	-0.01
Target Compounds						
63) Azobenzene	15.766	77	148726	5.419	ng	Qvalue # 1

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

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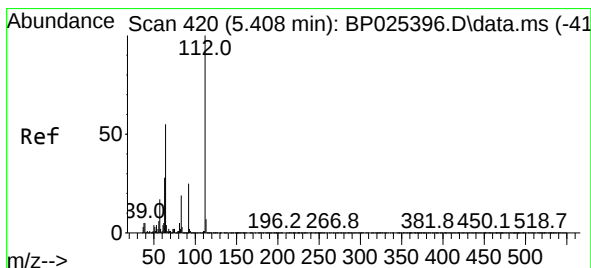
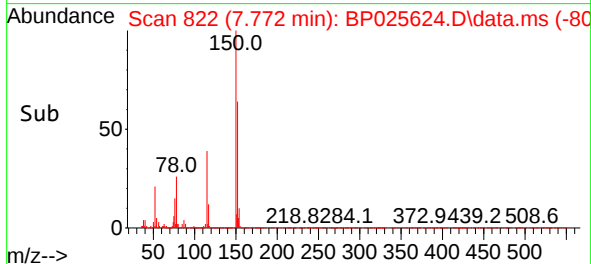
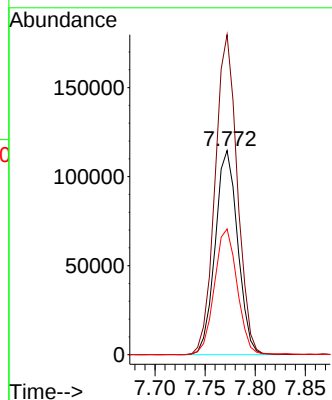
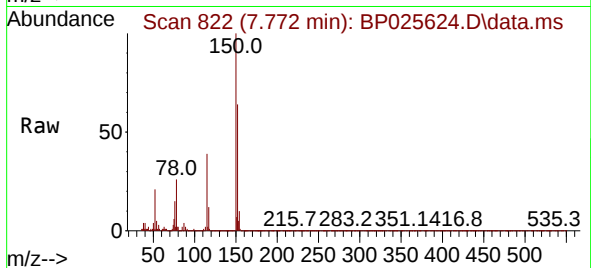




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025624.D
 Acq: 29 Aug 2025 13:58

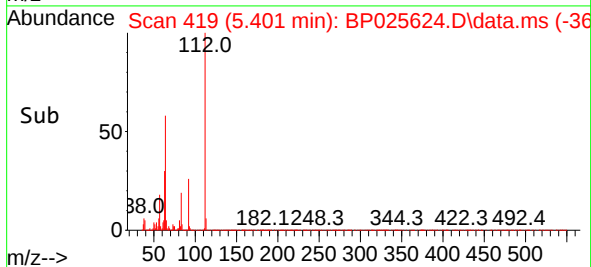
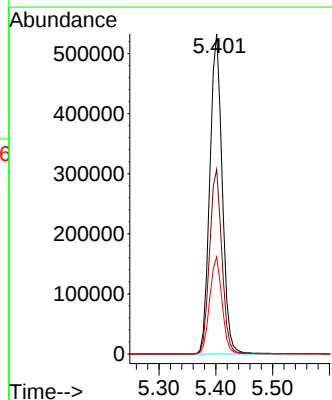
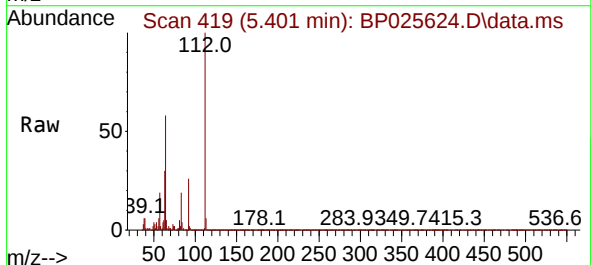
Instrument :
 BNA_P
 ClientSampleId :
 NORTH-TP-2

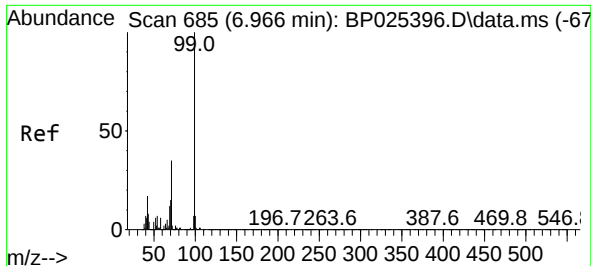
Tgt Ion:152 Resp: 179035
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.9 188.9
 115 61.6 48.5 72.7



#5
 2-Fluorophenol
 Concen: 74.608 ng
 RT: 5.401 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025624.D
 Acq: 29 Aug 2025 13:58

Tgt Ion:112 Resp: 804323
 Ion Ratio Lower Upper
 112 100
 64 57.7 43.8 65.8
 63 30.3 22.7 34.1

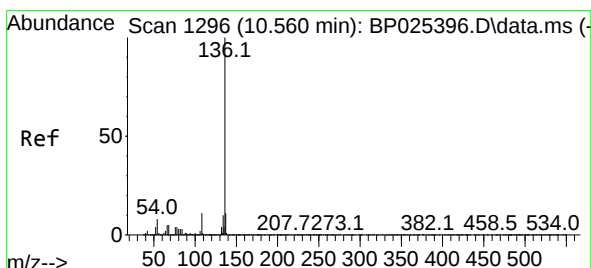
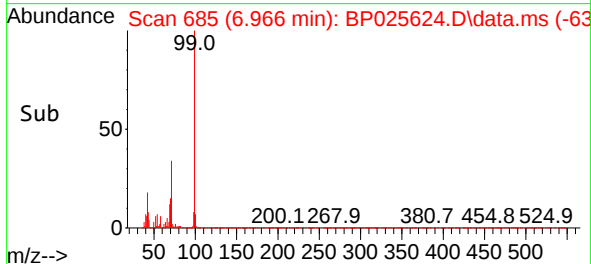
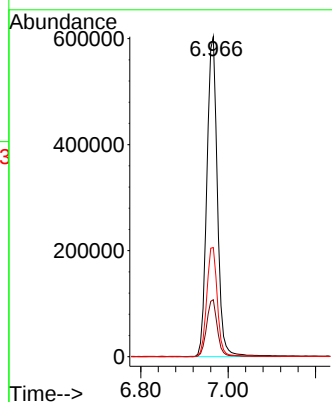
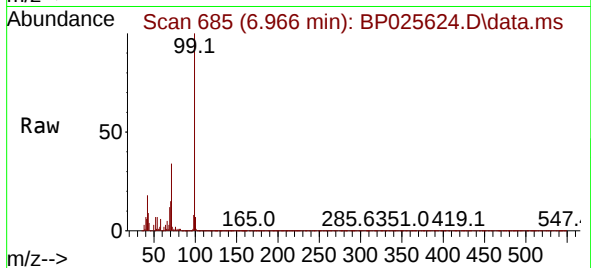




#7
Phenol-d6
Concen: 73.509 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025624.D
Acq: 29 Aug 2025 13:58

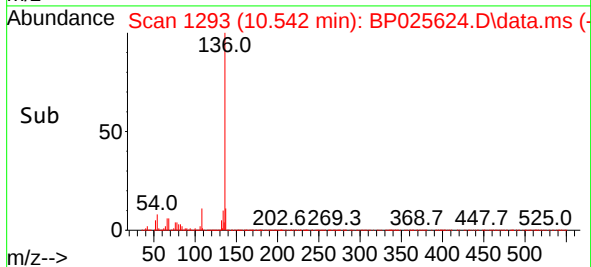
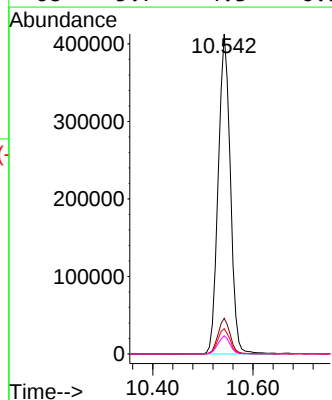
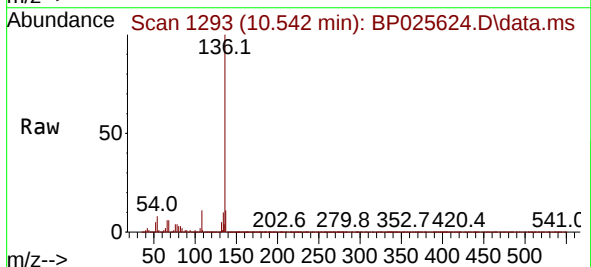
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-2

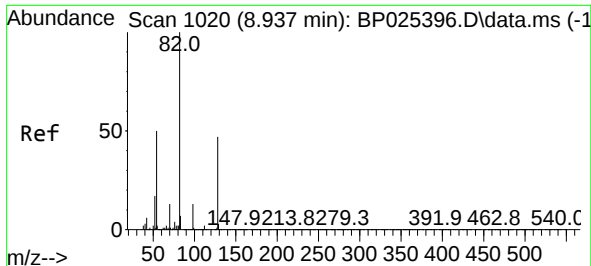
Tgt Ion: 99 Resp: 1016024
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 34.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025624.D
Acq: 29 Aug 2025 13:58

Tgt Ion: 136 Resp: 691133
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.9 6.0 9.0
68 5.7 4.3 6.5

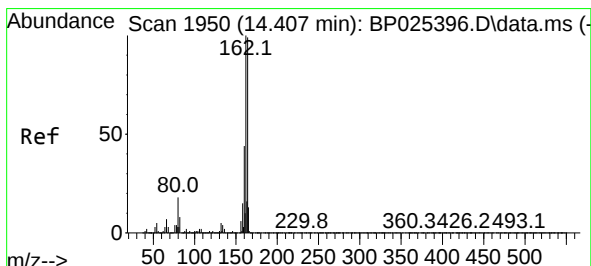
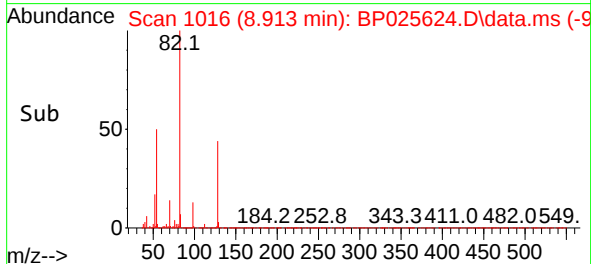
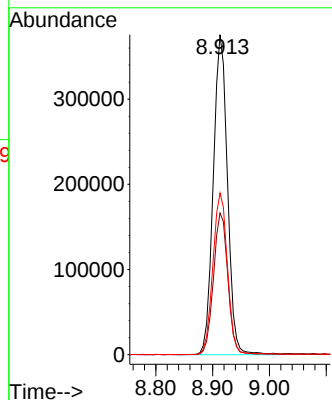
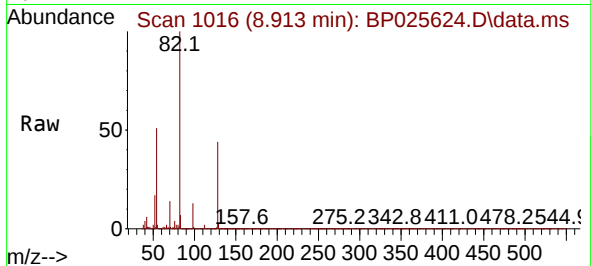




#23
Nitrobenzene-d5
Concen: 47.592 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025624.D
Acq: 29 Aug 2025 13:58

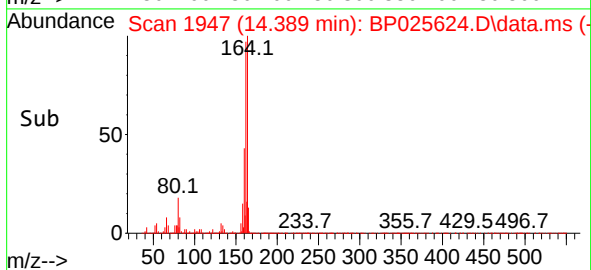
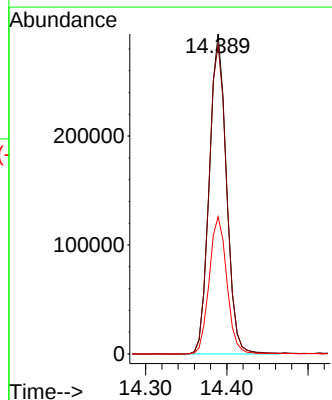
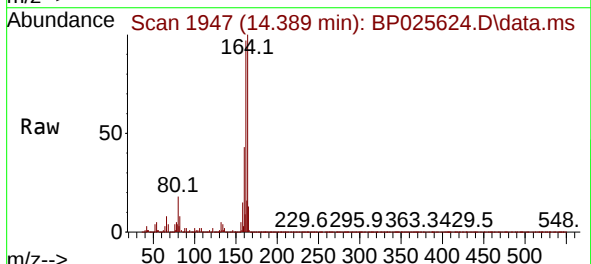
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-2

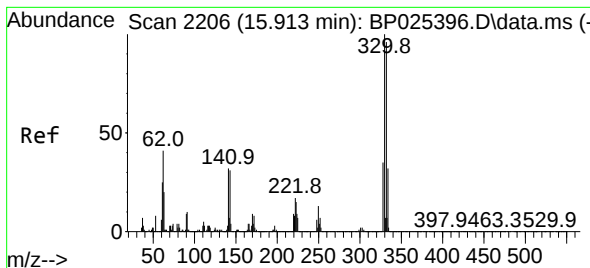
Tgt Ion: 82 Resp: 650230
Ion Ratio Lower Upper
82 100
128 44.2 37.7 56.5
54 50.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025624.D
Acq: 29 Aug 2025 13:58

Tgt Ion:164 Resp: 430744
Ion Ratio Lower Upper
164 100
162 96.6 81.0 121.6
160 42.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 76.704 ng

RT: 15.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025624.D

Acq: 29 Aug 2025 13:58

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-2

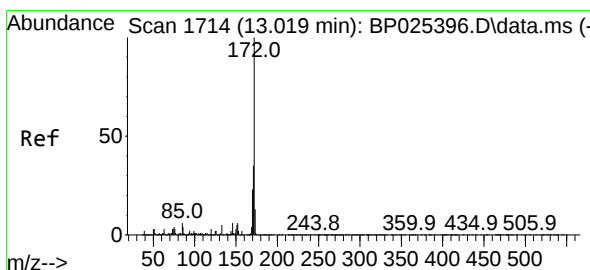
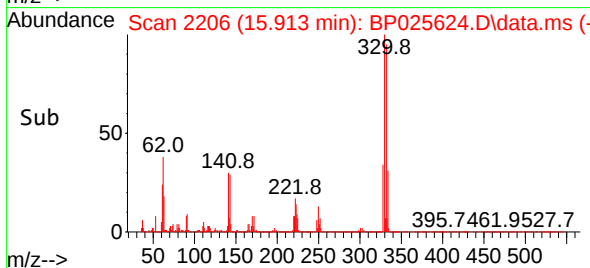
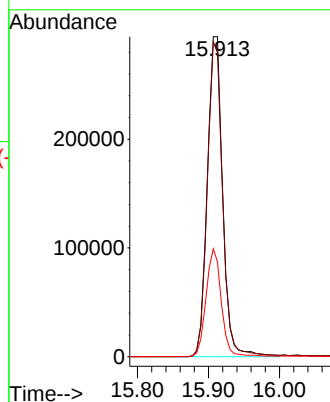
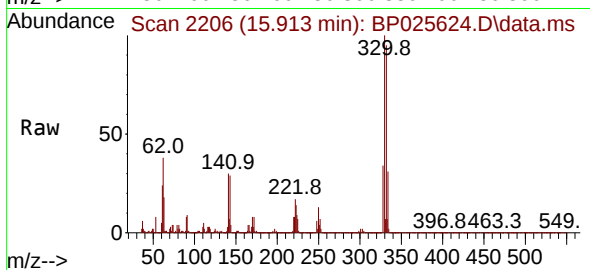
Tgt Ion:330 Resp: 444721

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 33.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 44.295 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025624.D

Acq: 29 Aug 2025 13:58

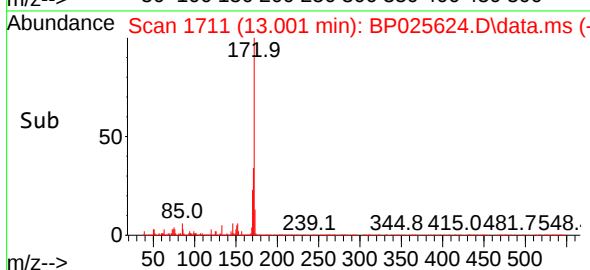
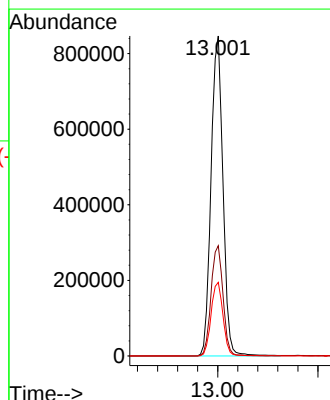
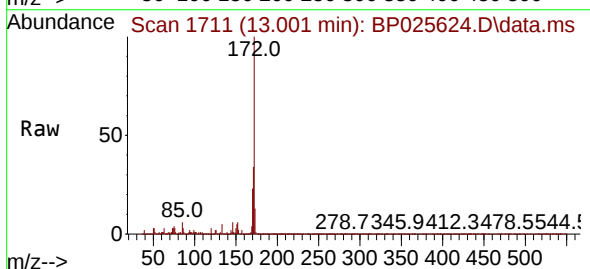
Tgt Ion:172 Resp: 1396059

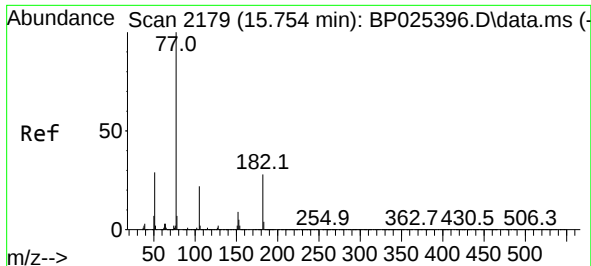
Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.0 18.6 28.0

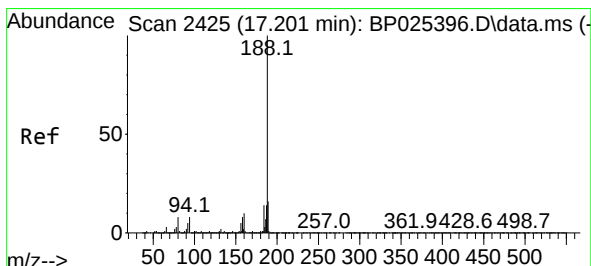
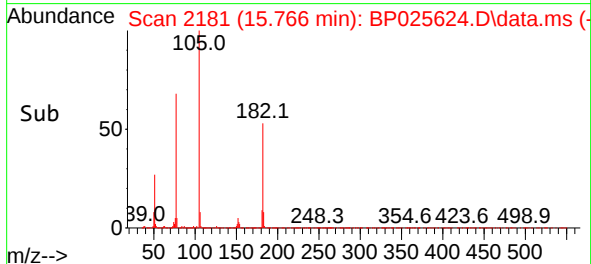
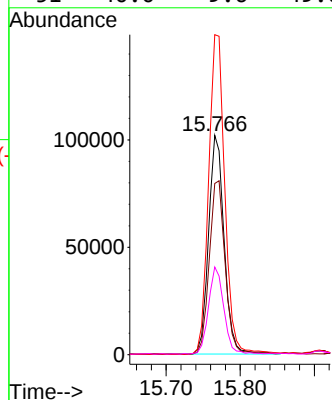
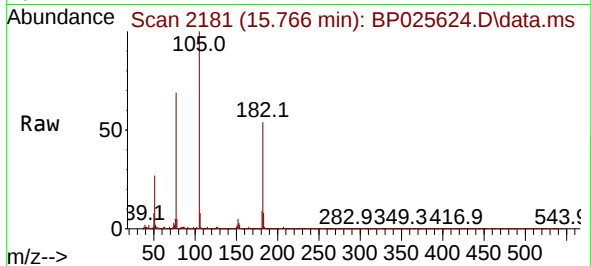




#63
Azobenzene
Concen: 5.419 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025624.D
Acq: 29 Aug 2025 13:58

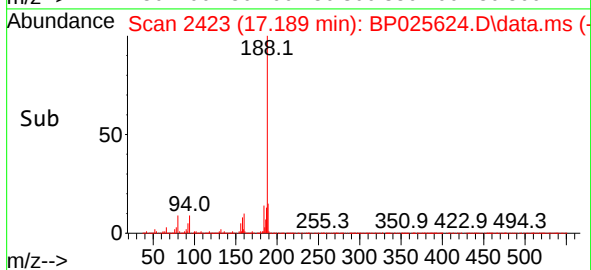
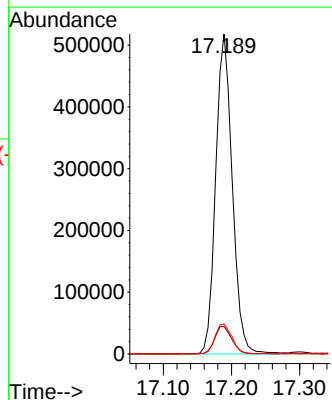
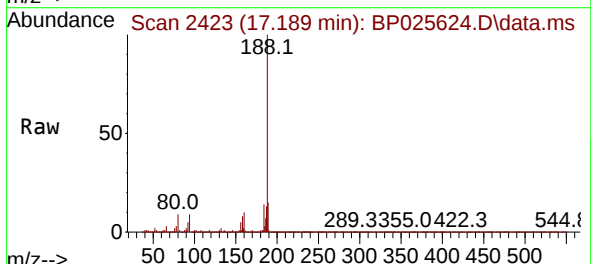
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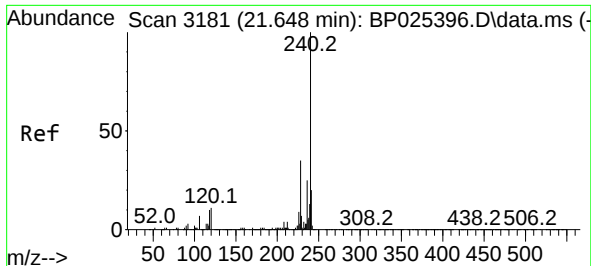
Tgt Ion: 77 Resp: 148726
Ion Ratio Lower Upper
77 100
182 78.1 7.5 47.5#
105 145.9 2.1 42.1#
51 40.0 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025624.D
Acq: 29 Aug 2025 13:58

Tgt Ion:188 Resp: 876656
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.4 6.7 10.1

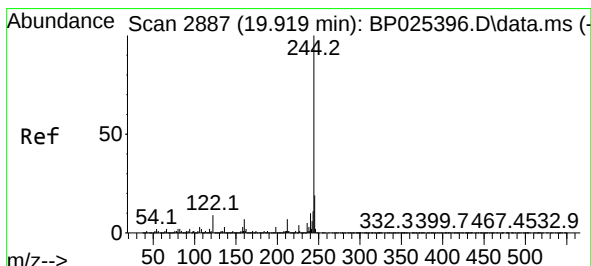
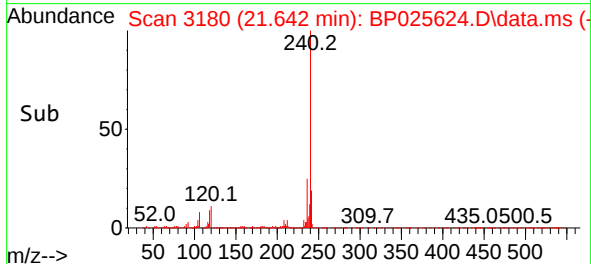
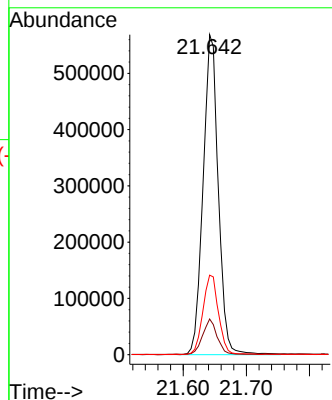
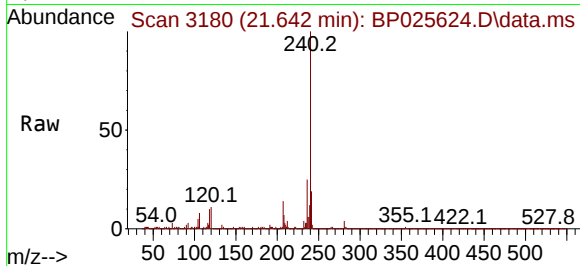




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3181
Delta R.T. -0.006 min
Lab File: BP025624.D
Acq: 29 Aug 2025 13:58

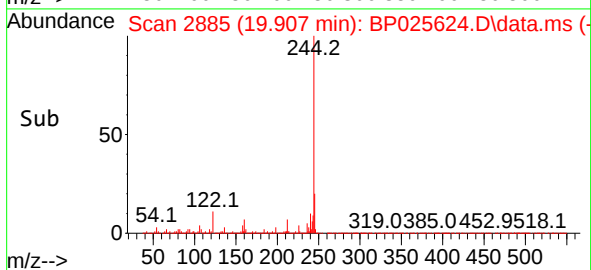
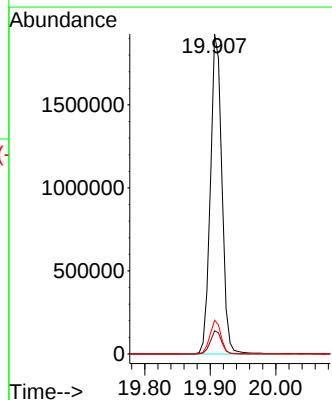
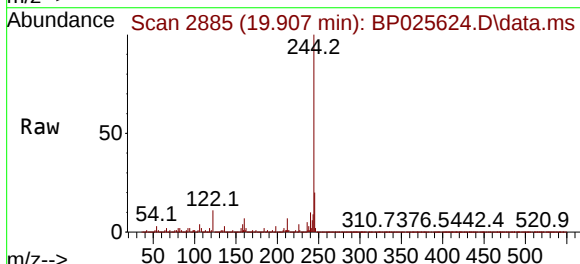
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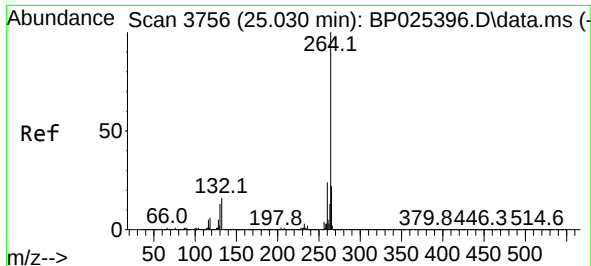
Tgt Ion:240 Resp: 950209
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 24.8 19.8 29.8



#79
Terphenyl-d14
Concen: 45.191 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.012 min
Lab File: BP025624.D
Acq: 29 Aug 2025 13:58

Tgt Ion:244 Resp: 2347052
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 10.6 7.4 11.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP025624.D
 Acq: 29 Aug 2025 13:58

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 1125971
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.3 28.9
 265 21.6 17.4 26.0

