

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025625.D
 Acq On : 29 Aug 2025 14:40
 Operator : CG/JU
 Sample : Q2982-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAD-082825

Quant Time: Aug 29 15:10:14 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)

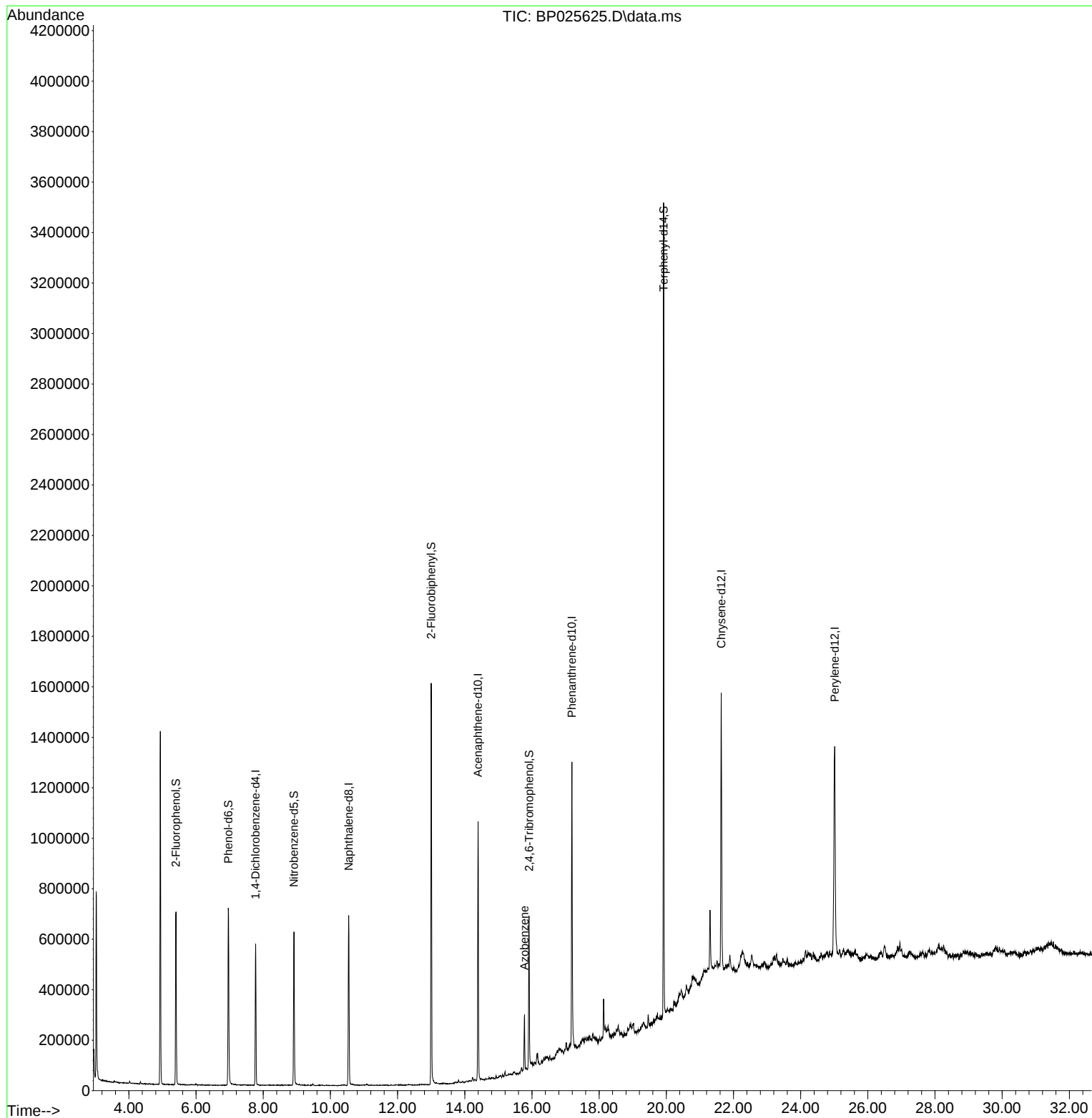
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	154949	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	587435	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	350034	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	691743	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	752474	20.000	ng	-0.01
86) Perylene-d12	25.013	264	883284	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	312871	33.533	ng	0.00
7) Phenol-d6	6.961	99	446812	37.352	ng	0.00
23) Nitrobenzene-d5	8.913	82	345956	29.791	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	131419	27.893	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	841487	32.855	ng	-0.02
79) Terphenyl-d14	19.919	244	1451774	35.299	ng	0.00
Target Compounds						
63) Azobenzene	15.778	77	64941	2.912	ng	Qvalue # 1

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

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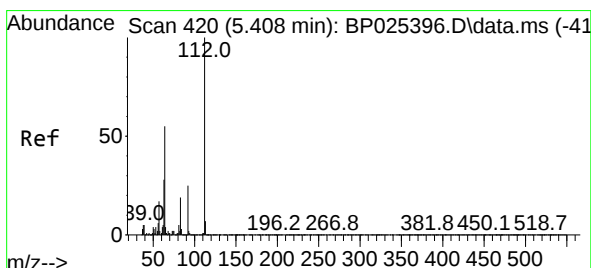
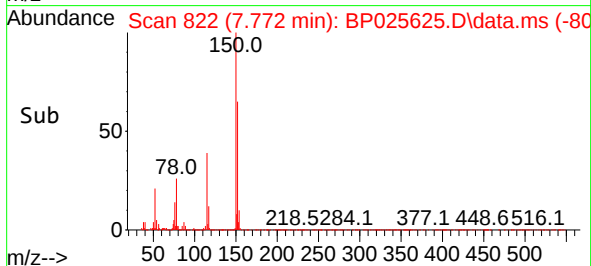
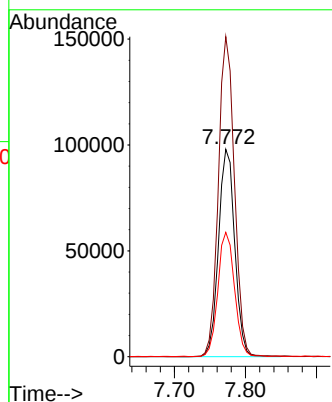
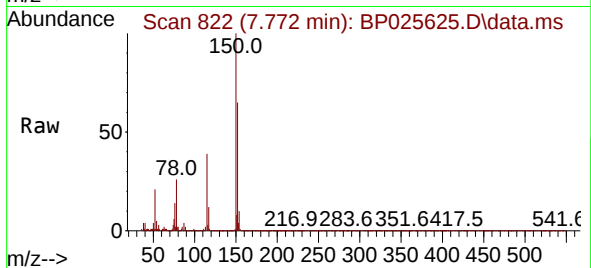




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025625.D
Acq: 29 Aug 2025 14:40

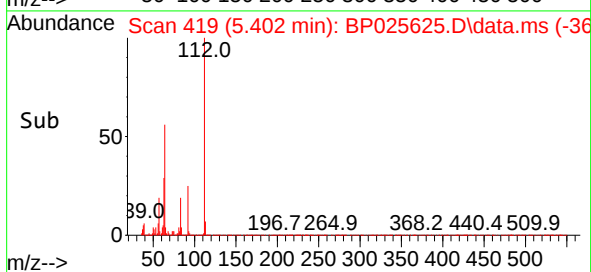
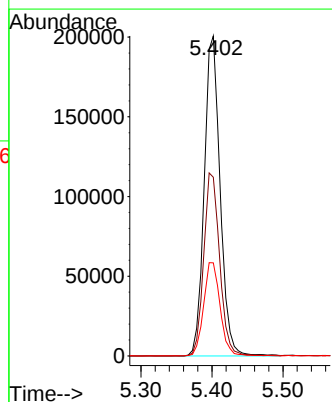
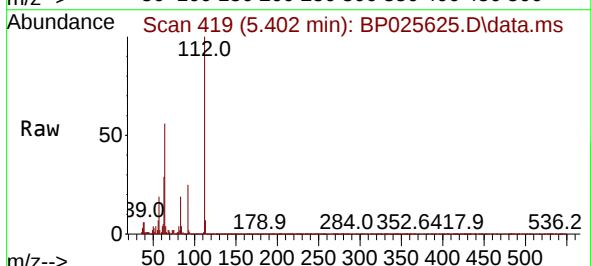
Instrument :
BNA_P
ClientSampleId :
PAD-082825

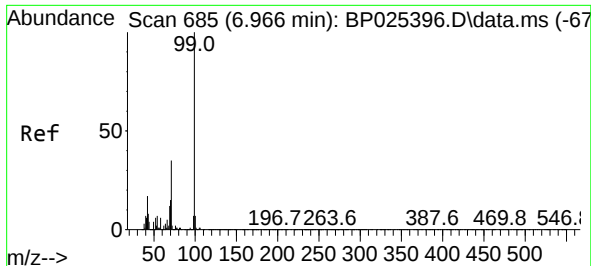
Tgt Ion:152 Resp: 154949
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 60.0 48.5 72.7



#5
2-Fluorophenol
Concen: 33.533 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025625.D
Acq: 29 Aug 2025 14:40

Tgt Ion:112 Resp: 312871
Ion Ratio Lower Upper
112 100
64 55.9 43.8 65.8
63 29.1 22.7 34.1

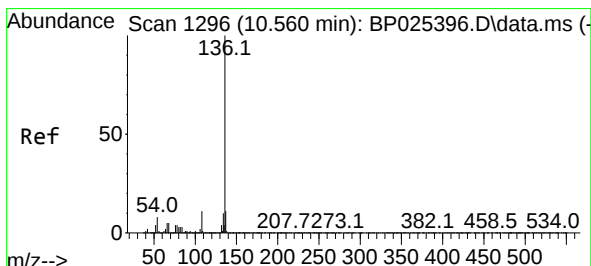
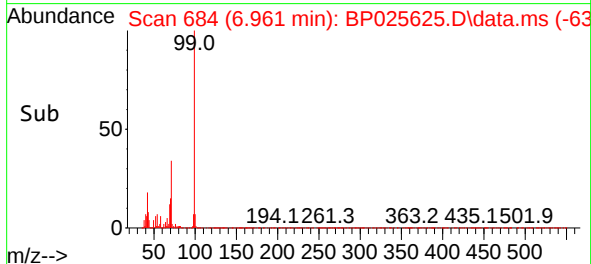
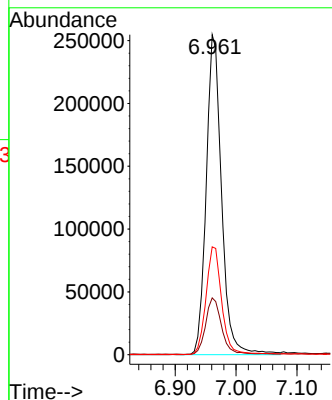
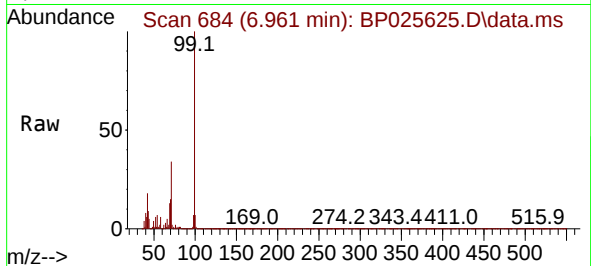




#7
Phenol-d6
Concen: 37.352 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025625.D
Acq: 29 Aug 2025 14:40

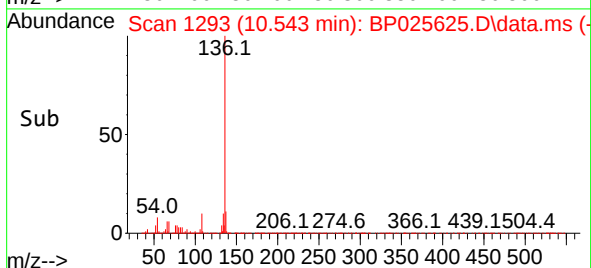
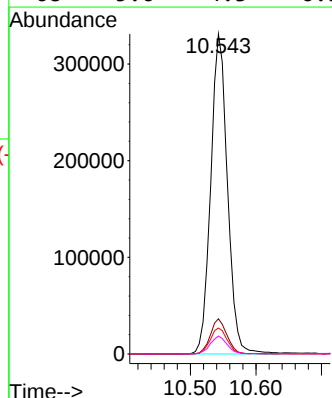
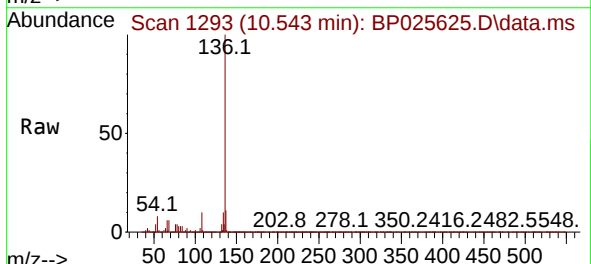
Instrument :
BNA_P
ClientSampleId :
PAD-082825

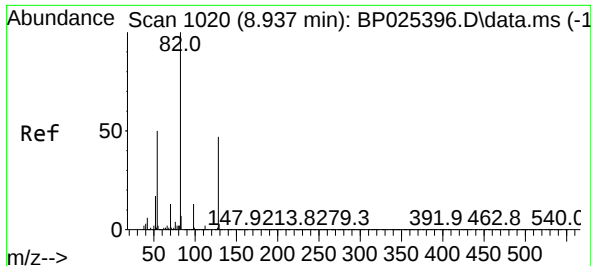
Tgt Ion: 99 Resp: 446812
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 33.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025625.D
Acq: 29 Aug 2025 14:40

Tgt Ion: 136 Resp: 587435
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.1 6.0 9.0
68 5.6 4.3 6.5

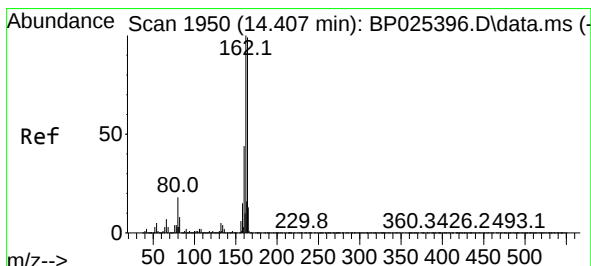
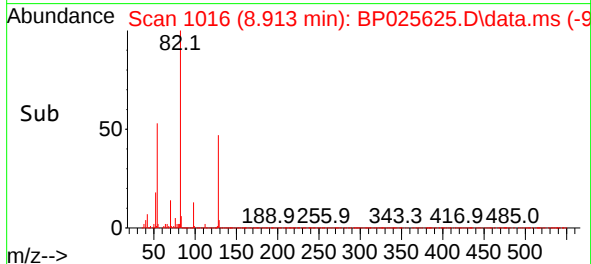
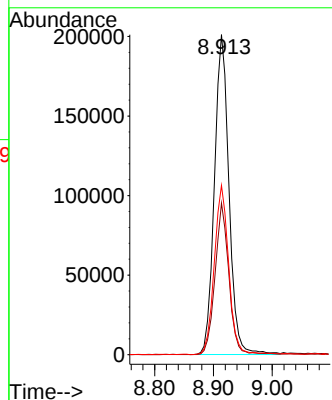
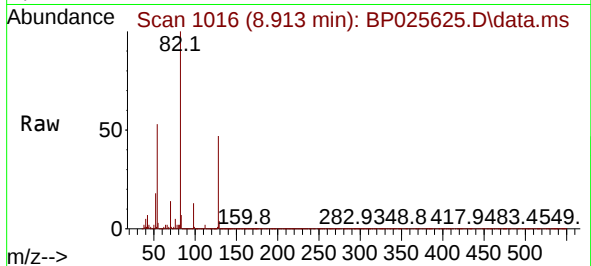




#23
Nitrobenzene-d5
Concen: 29.791 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025625.D
Acq: 29 Aug 2025 14:40

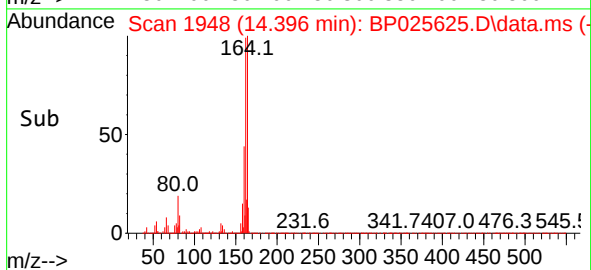
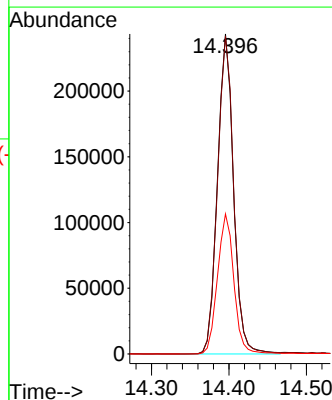
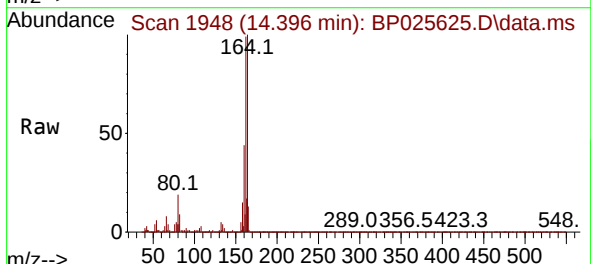
Instrument :
BNA_P
ClientSampleId :
PAD-082825

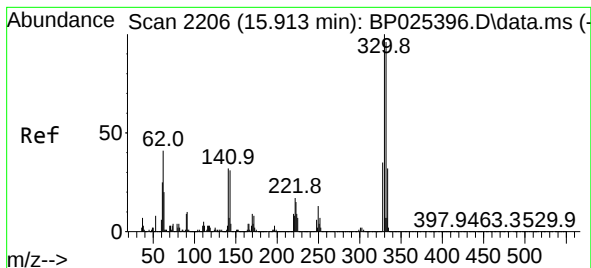
Tgt Ion: 82 Resp: 345956
Ion Ratio Lower Upper
82 100
128 47.4 37.7 56.5
54 52.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025625.D
Acq: 29 Aug 2025 14:40

Tgt Ion:164 Resp: 350034
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.6
160 43.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 27.893 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025625.D

Acq: 29 Aug 2025 14:40

Instrument :

BNA_P

ClientSampleId :

PAD-082825

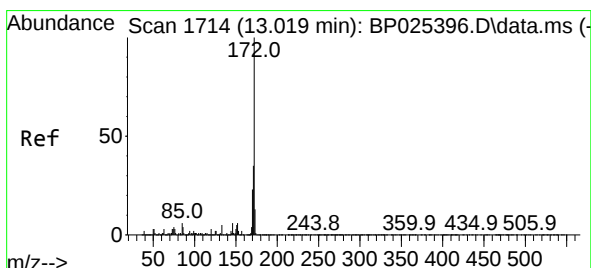
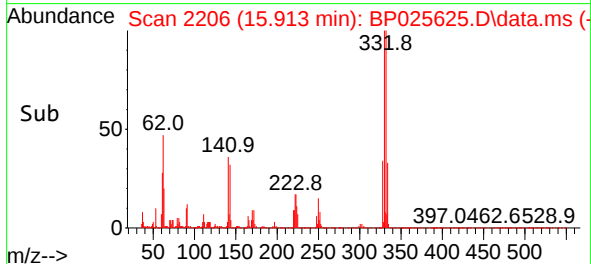
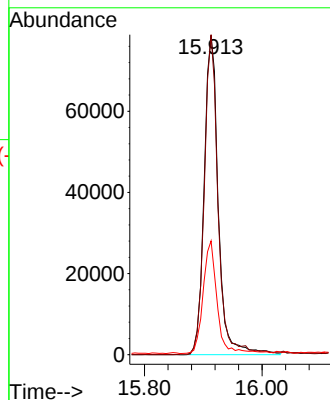
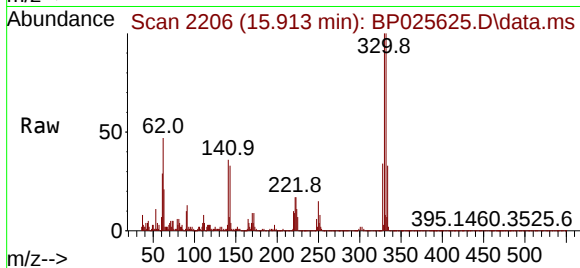
Tgt Ion:330 Resp: 131419

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 34.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 32.855 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.017 min

Lab File: BP025625.D

Acq: 29 Aug 2025 14:40

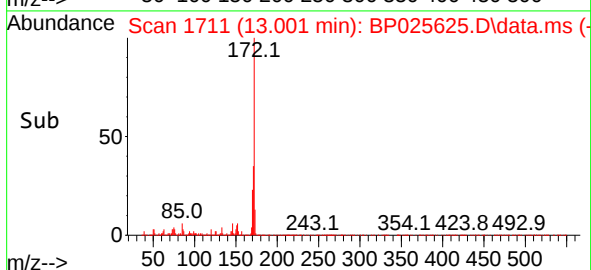
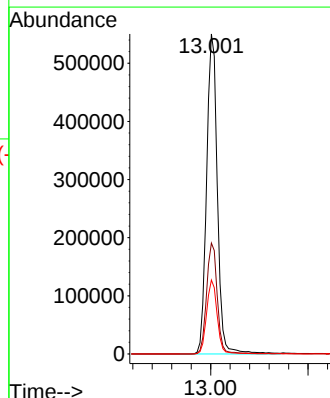
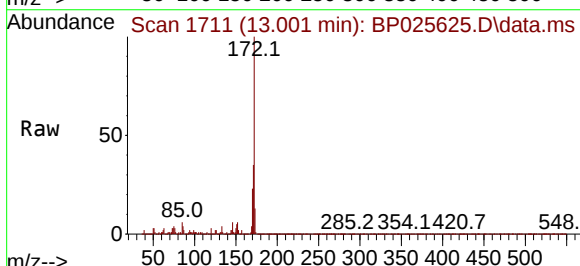
Tgt Ion:172 Resp: 841487

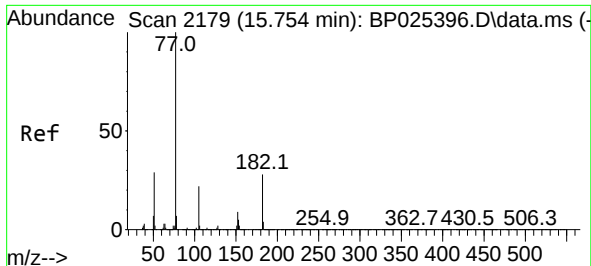
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.1 18.6 28.0

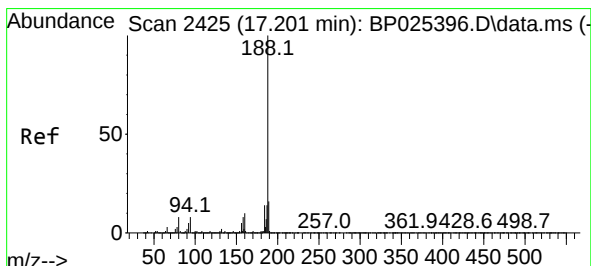
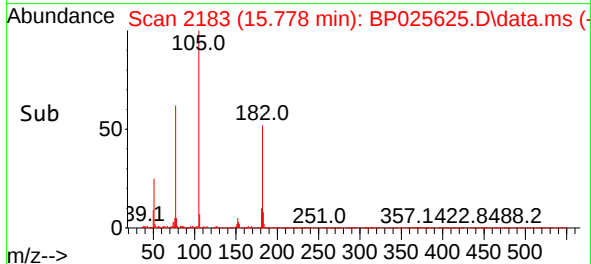
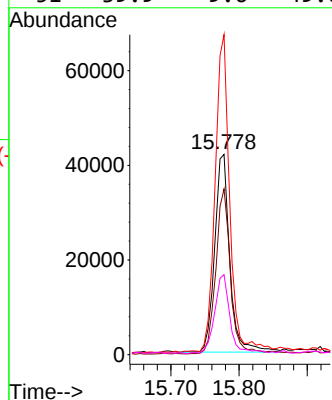
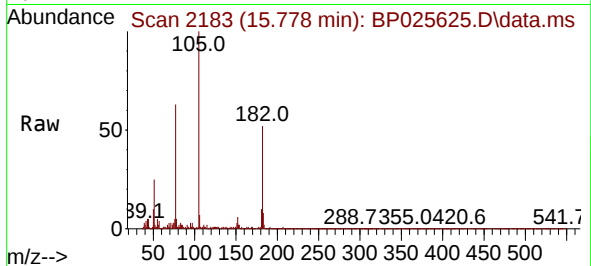




#63
Azobenzene
Concen: 2.912 ng
RT: 15.778 min Scan# 2179
Delta R.T. 0.024 min
Lab File: BP025625.D
Acq: 29 Aug 2025 14:40

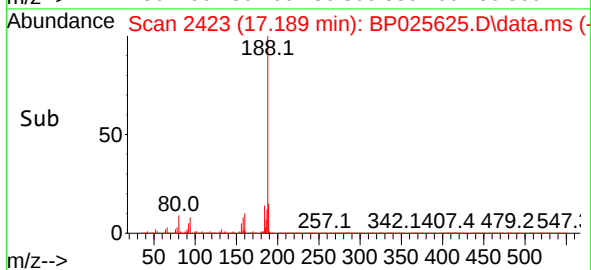
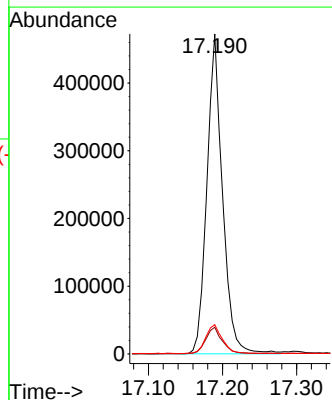
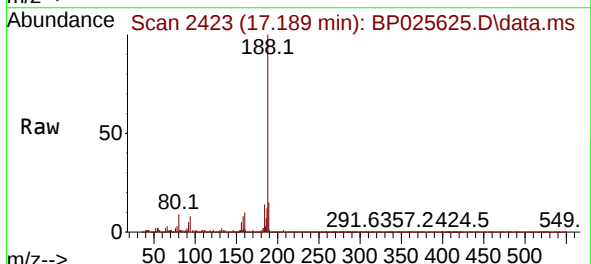
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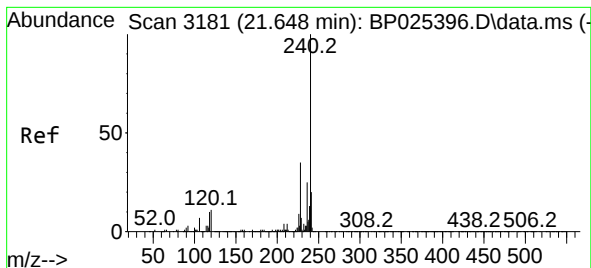
Tgt Ion: 77 Resp: 64941
Ion Ratio Lower Upper
77 100
182 82.7 7.5 47.5#
105 159.7 2.1 42.1#
51 39.9 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025625.D
Acq: 29 Aug 2025 14:40

Tgt Ion: 188 Resp: 691743
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# 3181

Delta R.T. -0.012 min

Lab File: BP025625.D

Acq: 29 Aug 2025 14:40

Instrument :

BNA_P

ClientSampleId :

PAD-082825

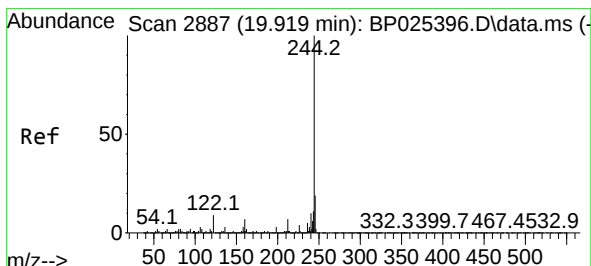
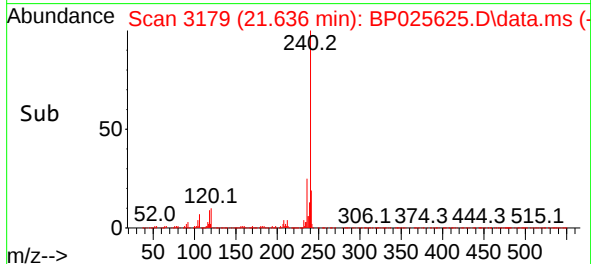
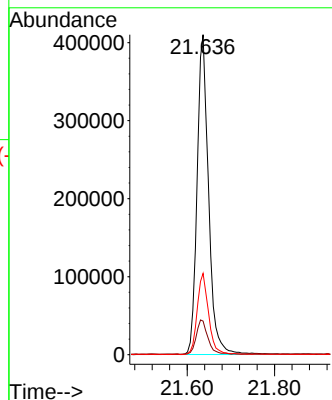
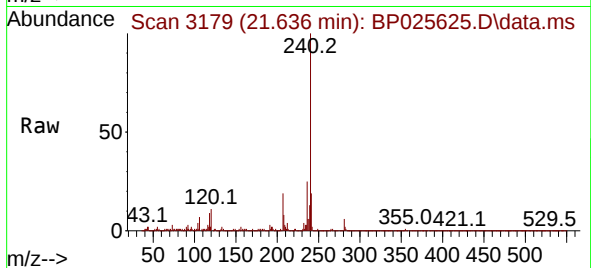
Tgt Ion:240 Resp: 752474

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 35.299 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025625.D

Acq: 29 Aug 2025 14:40

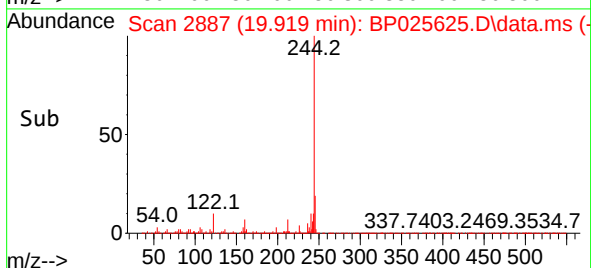
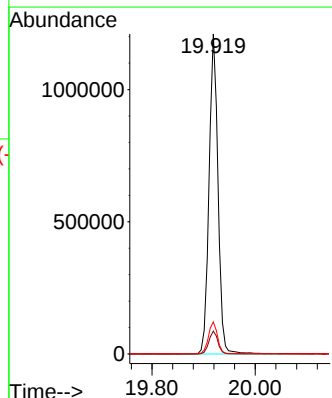
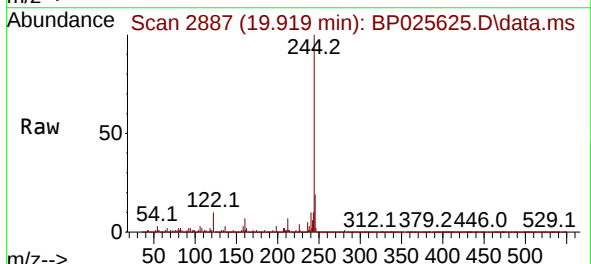
Tgt Ion:244 Resp: 1451774

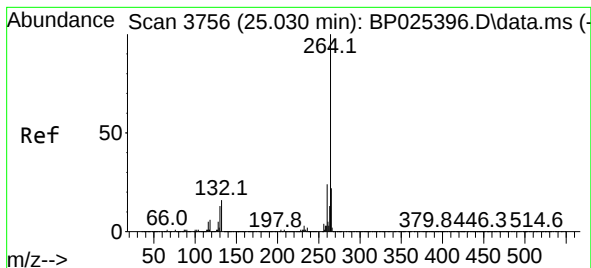
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.0 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.013 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025625.D

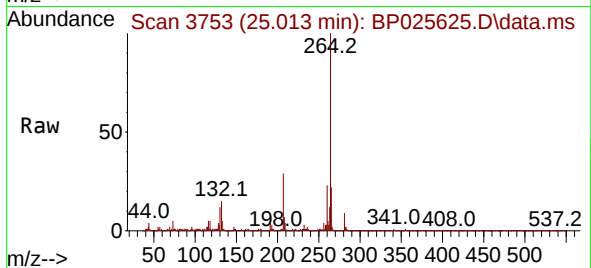
Acq: 29 Aug 2025 14:40

Instrument :

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Tgt Ion:264 Resp: 883284

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 22.1 17.4 26.0

