

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025433.D
 Acq On : 15 Aug 2025 18:58
 Operator : CG/JU
 Sample : Q2820-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 82H-SRE

Quant Time: Aug 18 01:36:13 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)

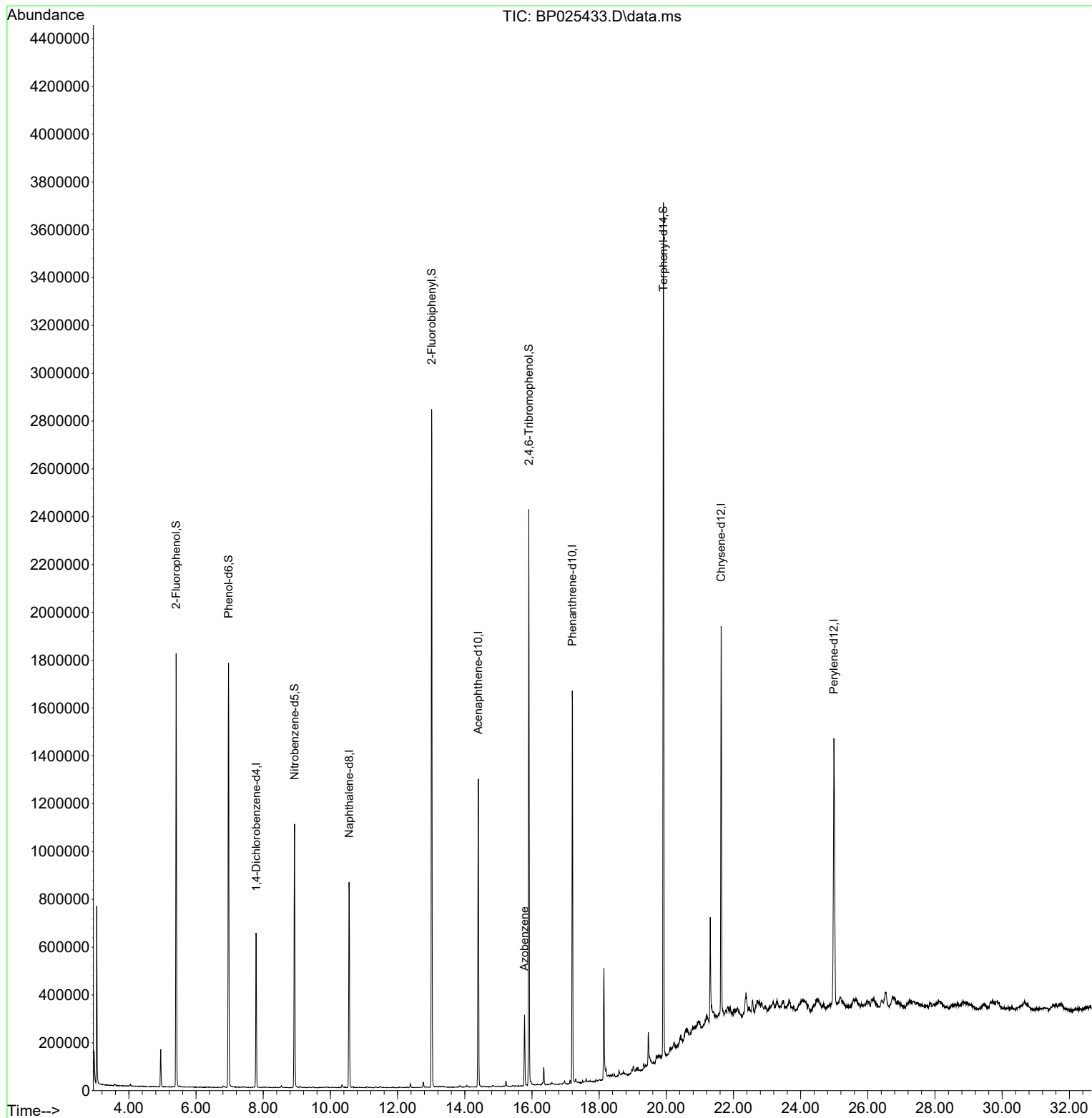
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	177461	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	741581	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	488704	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	940255	20.000	ng	0.00
76) Chrysene-d12	21.630	240	936586	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1067821	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	767097	71.786	ng	0.00
7) Phenol-d6	6.966	99	1019955	74.448	ng	0.00
23) Nitrobenzene-d5	8.931	82	646518	44.101	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	451925	68.703	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1495676	41.827	ng	0.00
79) Terphenyl-d14	19.913	244	2157477	42.145	ng	0.00
Target Compounds						
63) Azobenzene	15.778	77	92334	2.965	ng	Qvalue # 1

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

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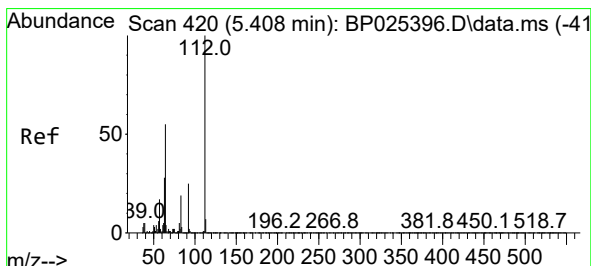
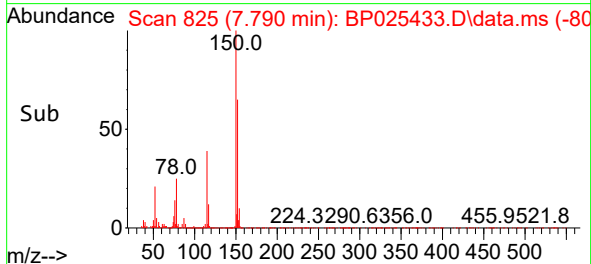
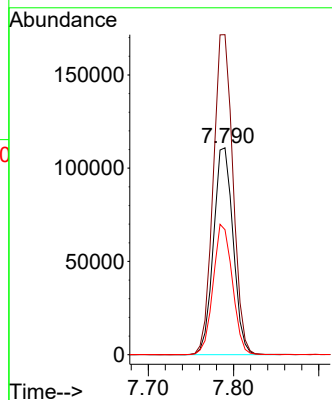
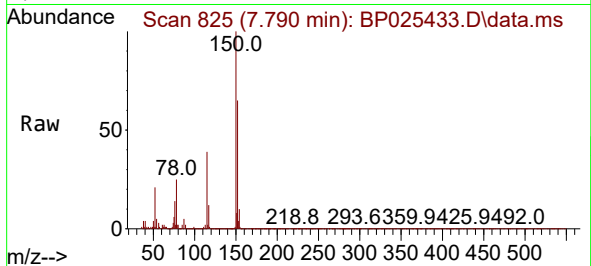




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025433.D
 Acq: 15 Aug 2025 18:58

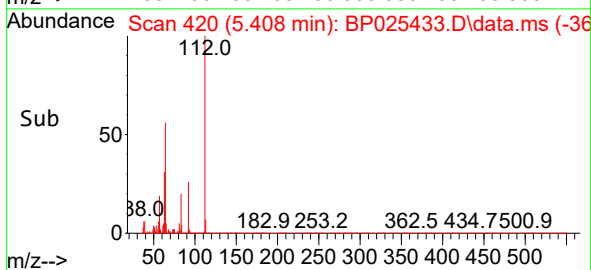
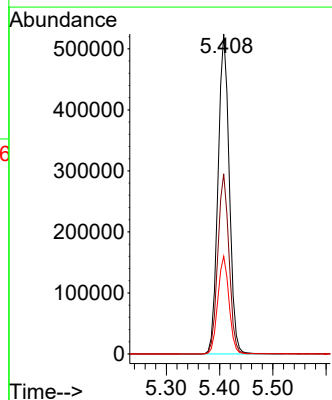
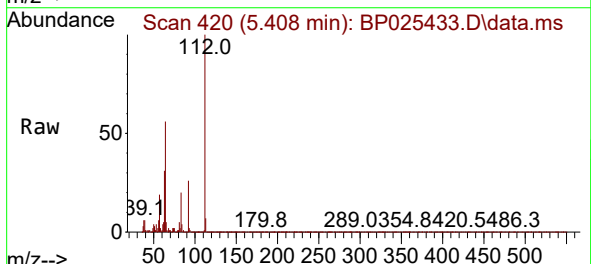
Instrument :
 BNA_P
 ClientSampleId :
 82H-SRE

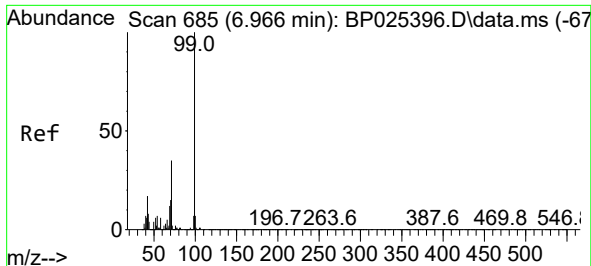
Tgt Ion:152 Resp: 177461
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 60.4 48.5 72.7



#5
 2-Fluorophenol
 Concen: 71.786 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025433.D
 Acq: 15 Aug 2025 18:58

Tgt Ion:112 Resp: 767097
 Ion Ratio Lower Upper
 112 100
 64 56.3 43.8 65.8
 63 30.5 22.7 34.1

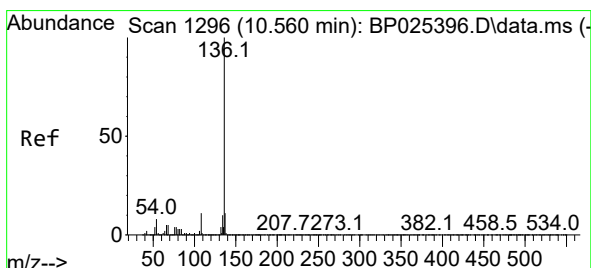
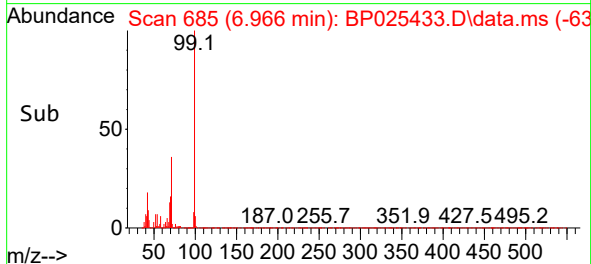
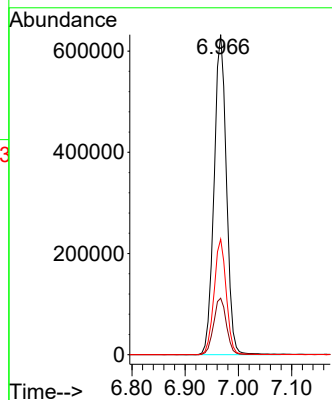
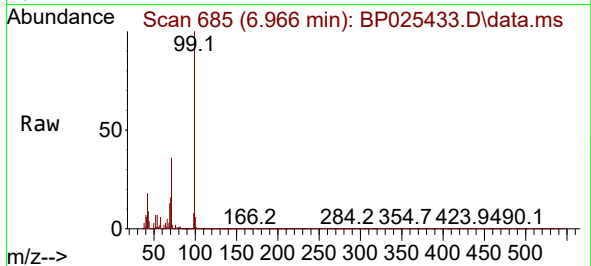




#7
Phenol-d6
Concen: 74.448 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025433.D
Acq: 15 Aug 2025 18:58

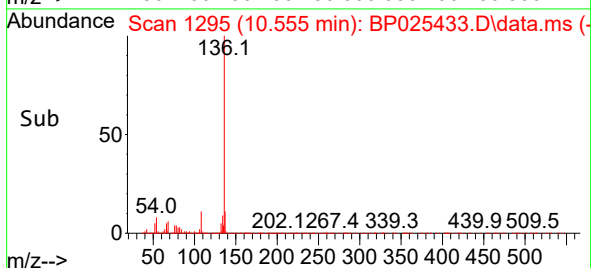
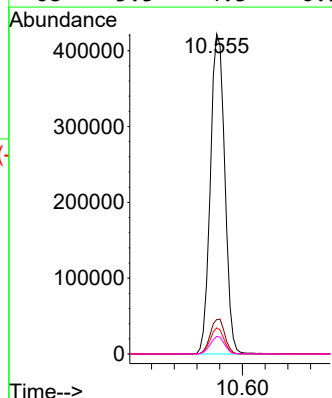
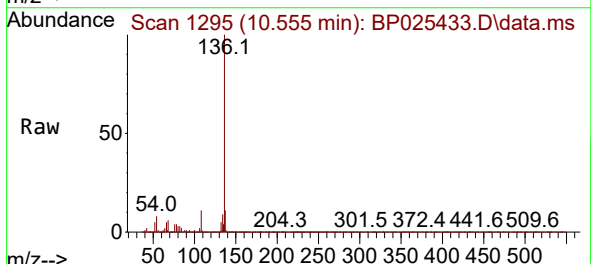
Instrument :
BNA_P
ClientSampleId :
82H-SRE

Tgt Ion: 99 Resp: 1019955
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 36.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025433.D
Acq: 15 Aug 2025 18:58

Tgt Ion: 136 Resp: 741581
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.2 6.0 9.0
68 5.5 4.3 6.5

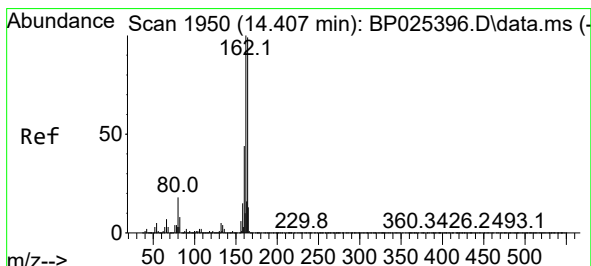
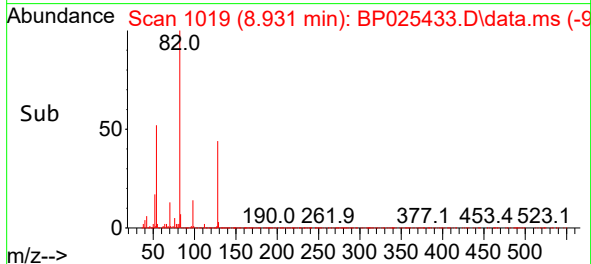
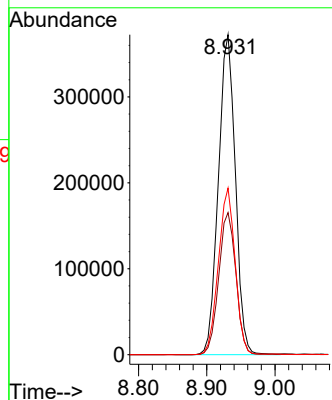
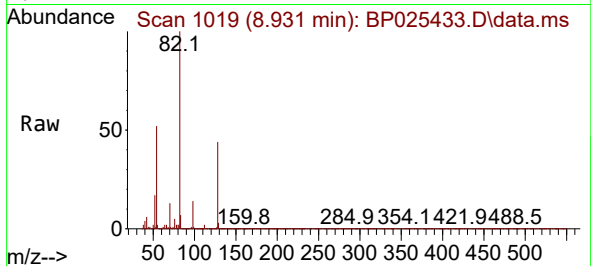




#23
Nitrobenzene-d5
Concen: 44.101 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025433.D
Acq: 15 Aug 2025 18:58

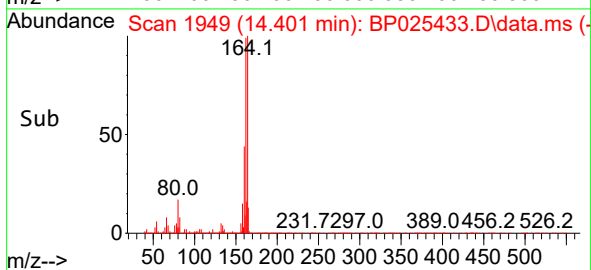
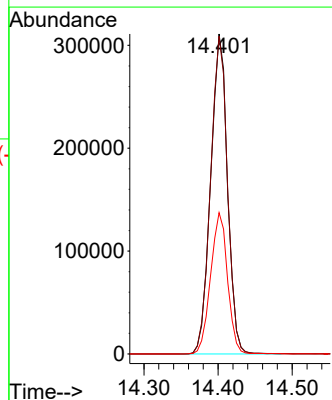
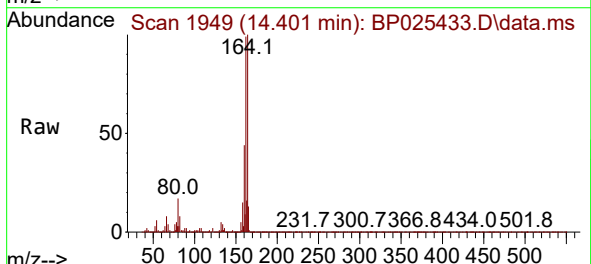
Instrument :
BNA_P
ClientSampleId :
82H-SRE

Tgt Ion: 82 Resp: 646518
Ion Ratio Lower Upper
82 100
128 44.4 37.7 56.5
54 52.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025433.D
Acq: 15 Aug 2025 18:58

Tgt Ion:164 Resp: 488704
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.6
160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 68.703 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025433.D

Acq: 15 Aug 2025 18:58

Instrument :

BNA_P

ClientSampleId :

82H-SRE

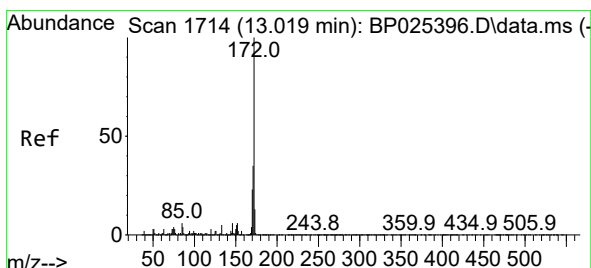
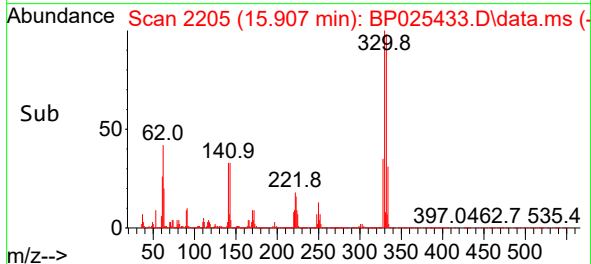
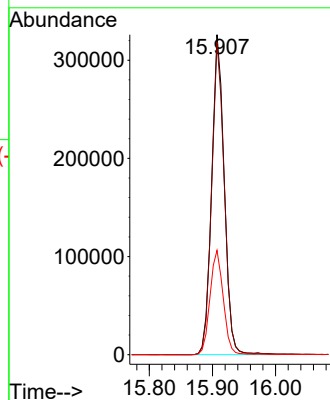
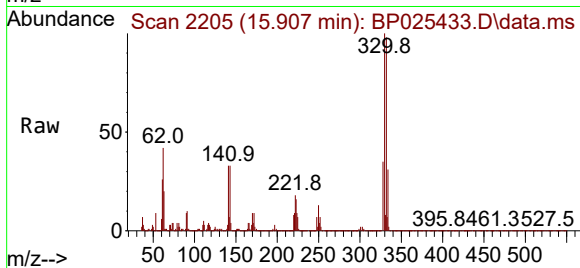
Tgt Ion:330 Resp: 451925

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 34.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 41.827 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025433.D

Acq: 15 Aug 2025 18:58

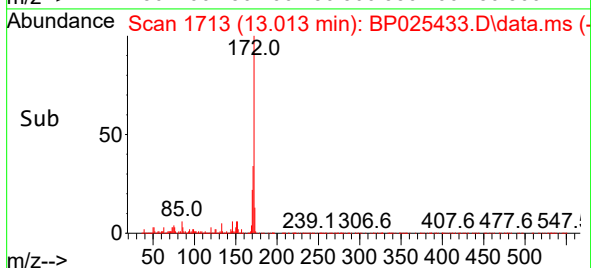
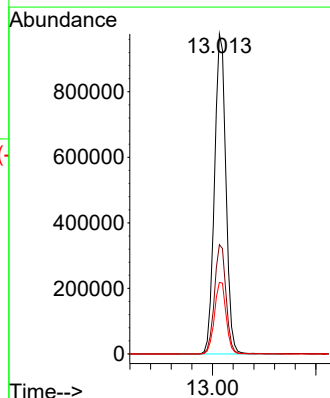
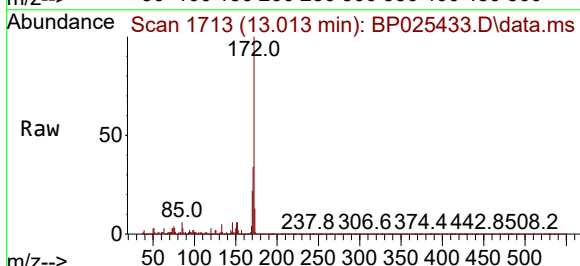
Tgt Ion:172 Resp: 1495676

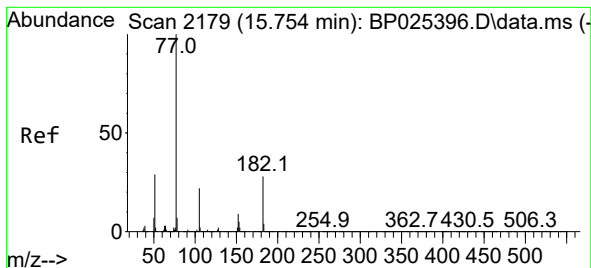
Ion Ratio Lower Upper

172 100

171 34.2 28.1 42.1

170 22.4 18.6 28.0





#63

Azobenzene

Concen: 2.965 ng

RT: 15.778 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025433.D

Acq: 15 Aug 2025 18:58

Instrument :

BNA_P

ClientSampleId :

82H-SRE

Tgt Ion: 77 Resp: 92334

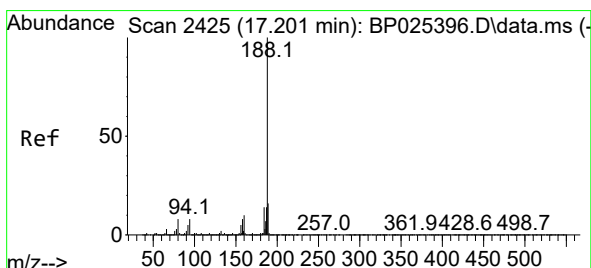
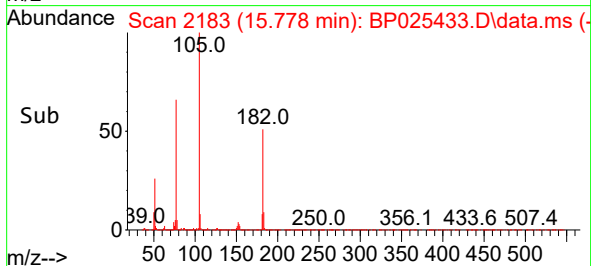
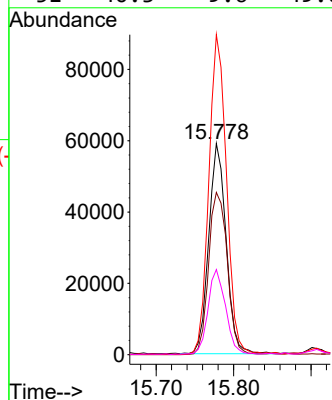
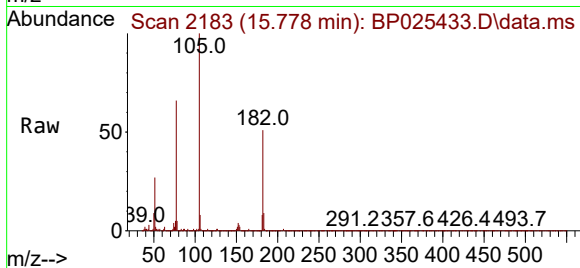
Ion Ratio Lower Upper

77 100

182 76.9 7.5 47.5#

105 151.6 2.1 42.1#

51 40.3 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025433.D

Acq: 15 Aug 2025 18:58

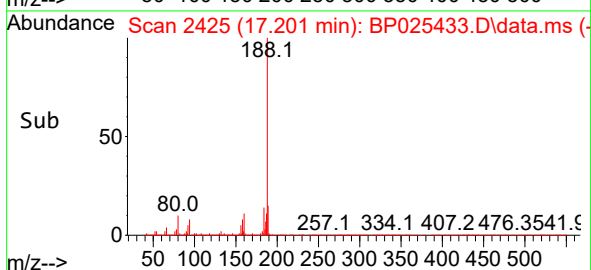
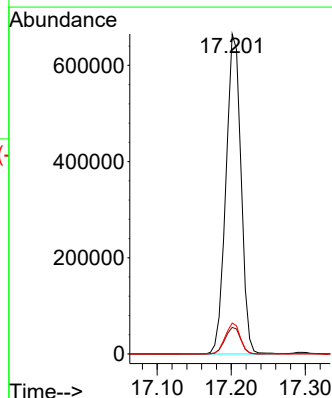
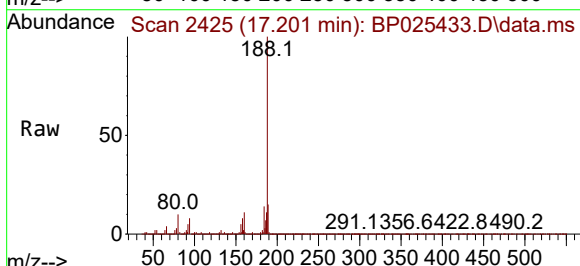
Tgt Ion:188 Resp: 940255

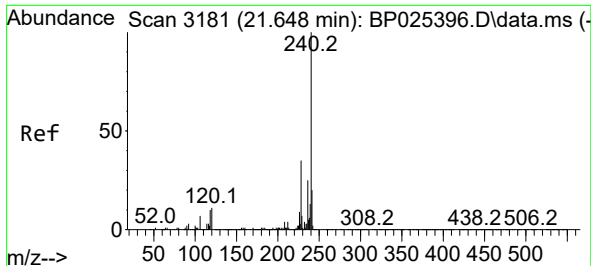
Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.6 6.7 10.1

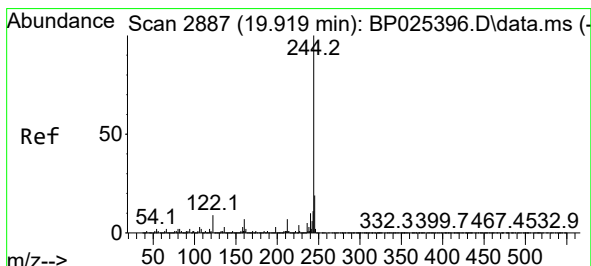
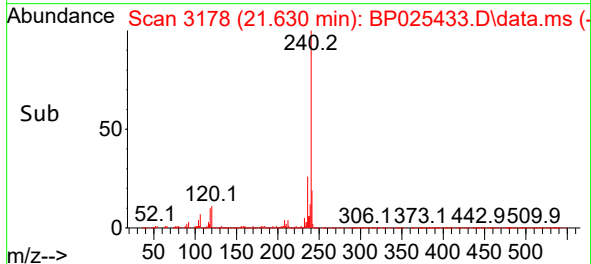
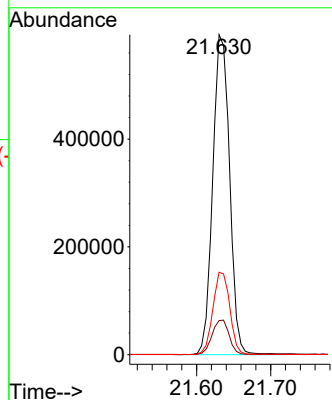
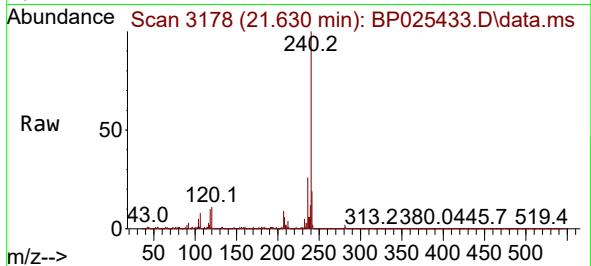




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3181
Delta R.T. -0.017 min
Lab File: BP025433.D
Acq: 15 Aug 2025 18:58

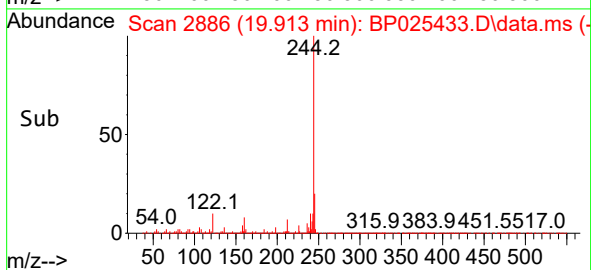
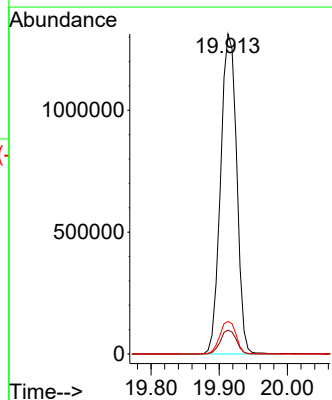
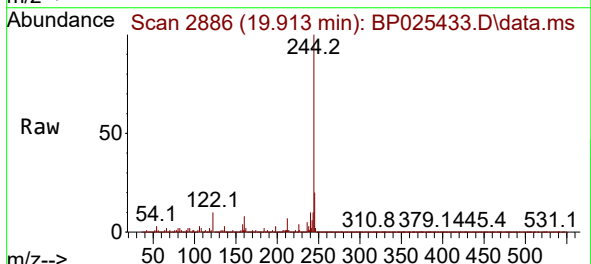
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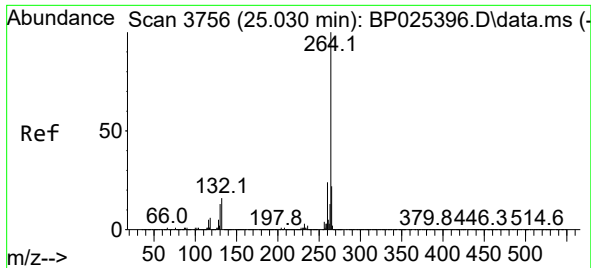
Tgt Ion:240 Resp: 936586
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.7 19.8 29.8



#79
Terphenyl-d14
Concen: 42.145 ng
RT: 19.913 min Scan# 2886
Delta R.T. -0.006 min
Lab File: BP025433.D
Acq: 15 Aug 2025 18:58

Tgt Ion:244 Resp: 2157477
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 10.2 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: BP025433.D
 Acq: 15 Aug 2025 18:58

Instrument :
 BNA_P
 ClientSampleId :
 82H-SRE

Tgt Ion:264 Resp: 1067821
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.8 17.4 26.0

