

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025599.D
 Acq On : 27 Aug 2025 11:42
 Operator : CG/JU
 Sample : PB169382BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169382BL

Quant Time: Aug 27 12:16:37 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	7.778	152	178208	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	686289	20.000	ng	-0.01
39) Acenaphthene-d10	14.395	164	425674	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	961568	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1057440	20.000	ng	0.00
86) Perylene-d12	25.012	264	1170620	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1339736	124.848	ng	0.00
7) Phenol-d6	6.966	99	1604477	116.622	ng	0.00
23) Nitrobenzene-d5	8.919	82	1035647	76.336	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	779246	136.003	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2381137	76.450	ng	-0.01
79) Terphenyl-d14	19.919	244	4485346	77.605	ng	0.00

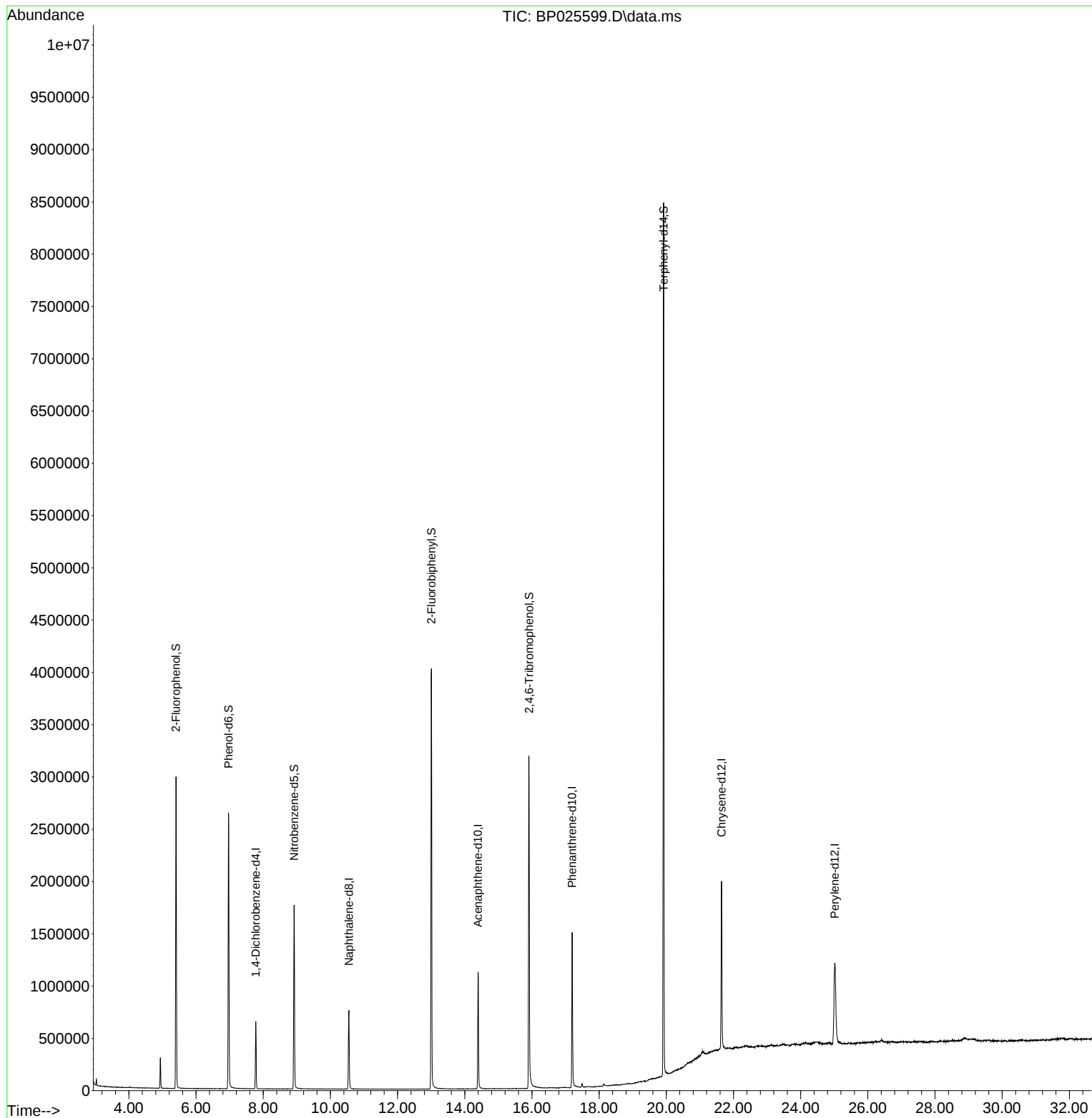
Target Compounds	Qvalue

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

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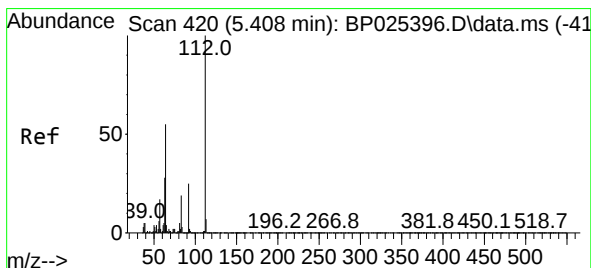
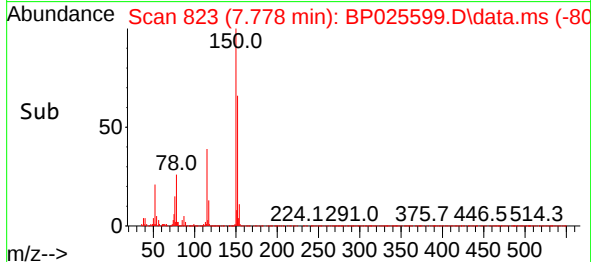
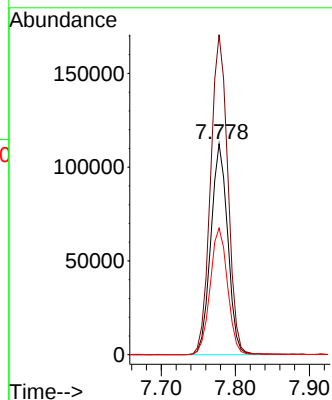
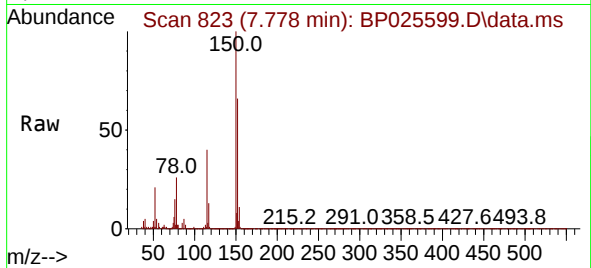




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025599.D
Acq: 27 Aug 2025 11:42

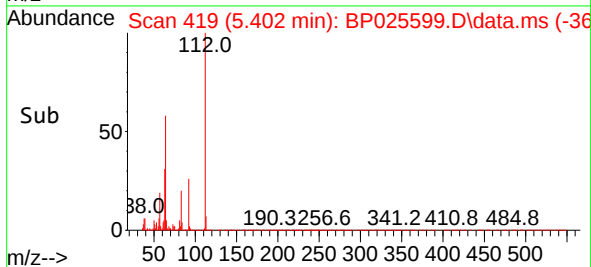
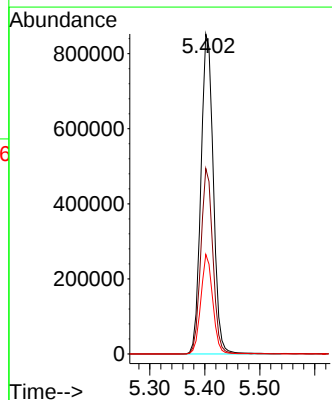
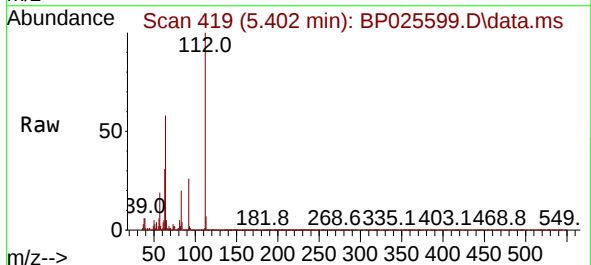
Instrument :
BNA_P
ClientSampleId :
PB169382BL

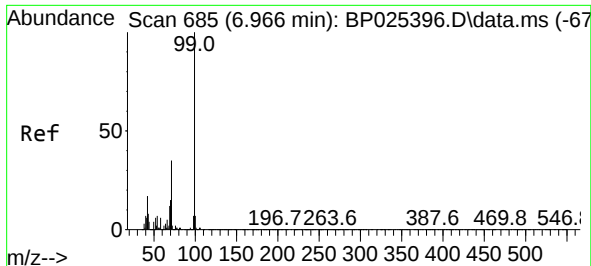
Tgt Ion:152 Resp: 178208
Ion Ratio Lower Upper
152 100
150 151.7 125.9 188.9
115 60.0 48.5 72.7



#5
2-Fluorophenol
Concen: 124.848 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025599.D
Acq: 27 Aug 2025 11:42

Tgt Ion:112 Resp: 1339736
Ion Ratio Lower Upper
112 100
64 58.0 43.8 65.8
63 31.1 22.7 34.1



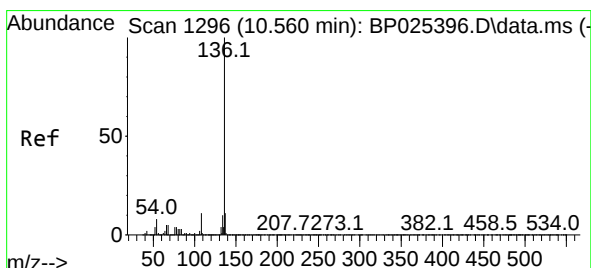
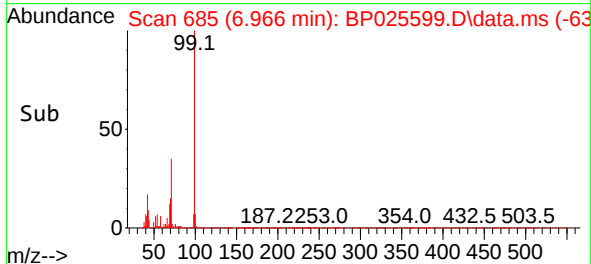
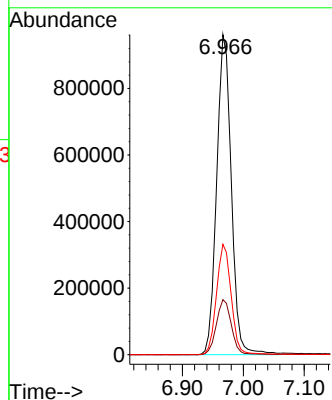
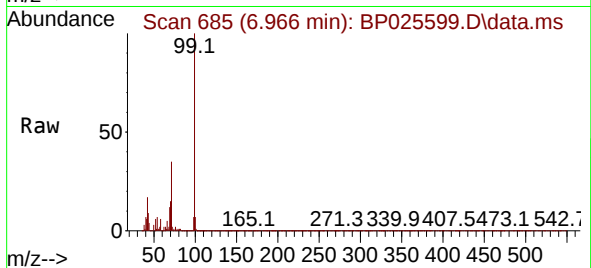


#7
Phenol-d6
Concen: 116.622 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025599.D
Acq: 27 Aug 2025 11:42

Instrument :
BNA_P
ClientSampleId :
PB169382BL

Tgt Ion: 99 Resp: 1604477

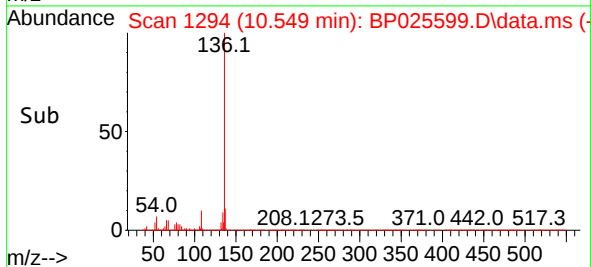
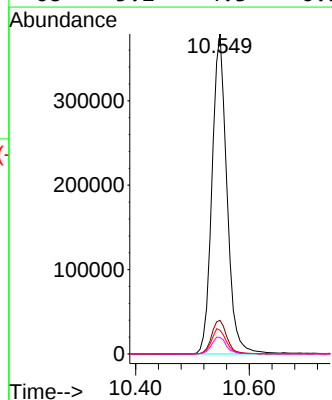
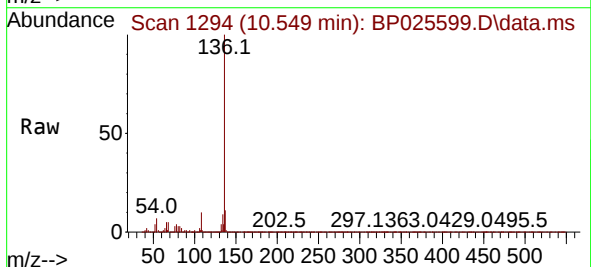
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	34.5	28.2	42.4

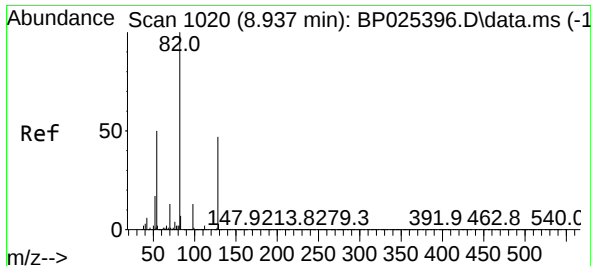


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025599.D
Acq: 27 Aug 2025 11:42

Tgt Ion: 136 Resp: 686289

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.4	6.0	9.0
68	5.2	4.3	6.5

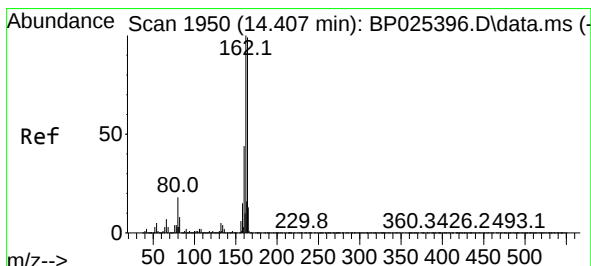
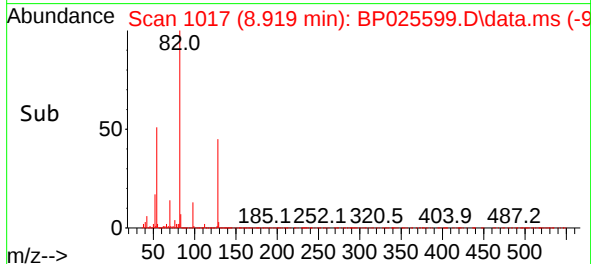
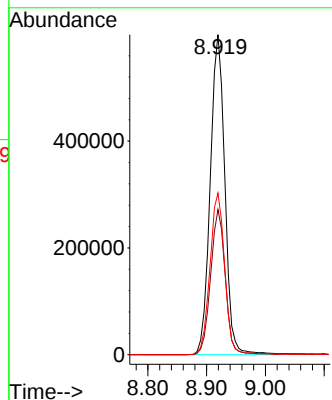
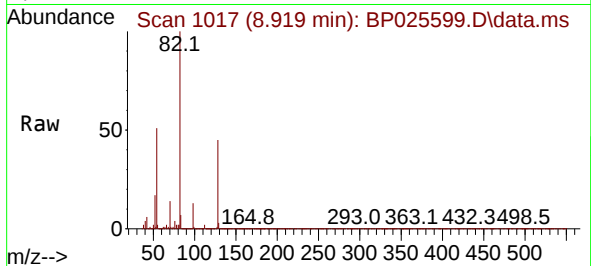




#23
Nitrobenzene-d5
Concen: 76.336 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025599.D
Acq: 27 Aug 2025 11:42

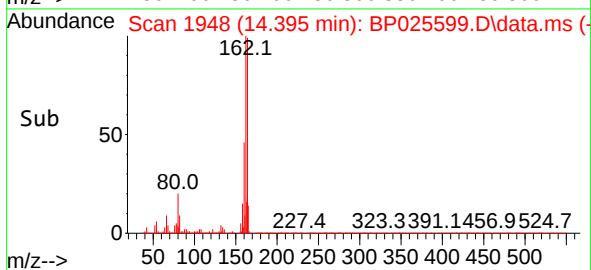
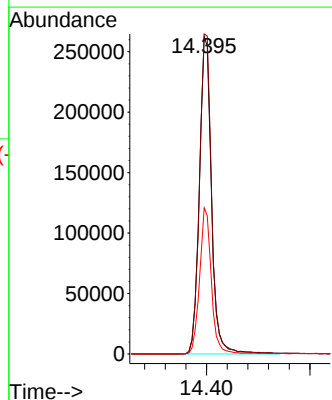
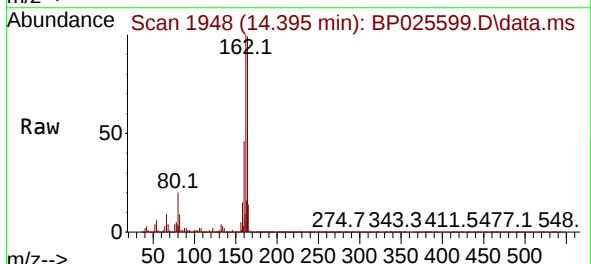
Instrument :
BNA_P
ClientSampleId :
PB169382BL

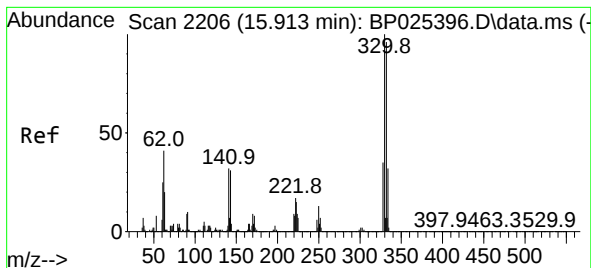
Tgt Ion: 82 Resp: 1035647
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 50.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025599.D
Acq: 27 Aug 2025 11:42

Tgt Ion:164 Resp: 425674
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 46.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 136.003 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025599.D

Acq: 27 Aug 2025 11:42

Instrument :

BNA_P

ClientSampleId :

PB169382BL

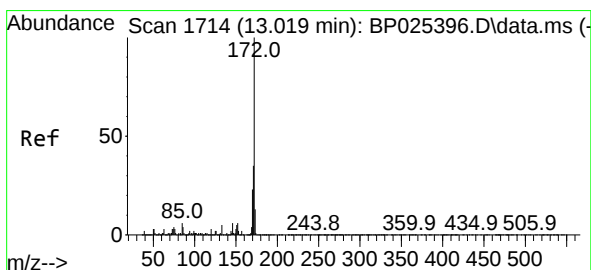
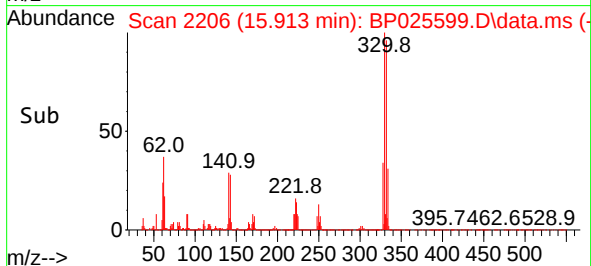
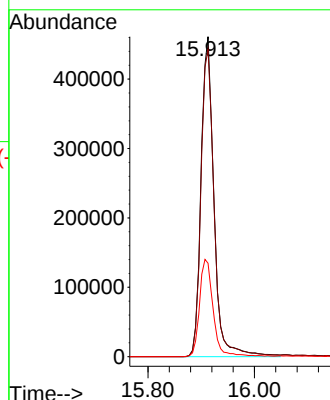
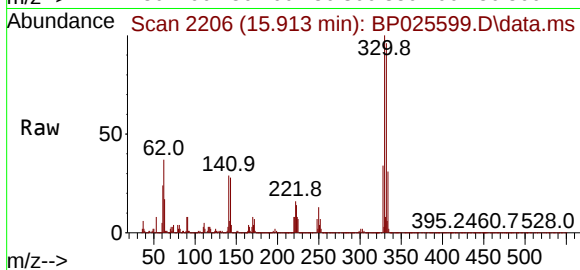
Tgt Ion:330 Resp: 779246

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 32.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 76.450 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025599.D

Acq: 27 Aug 2025 11:42

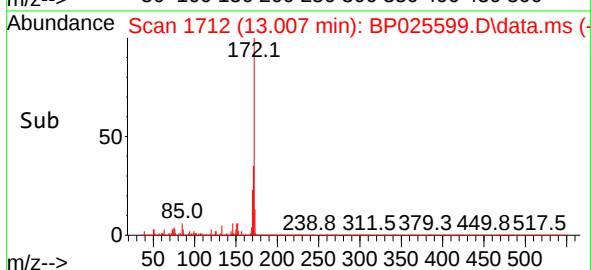
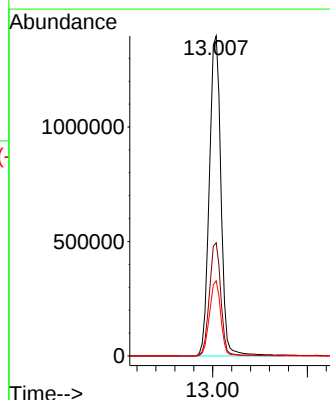
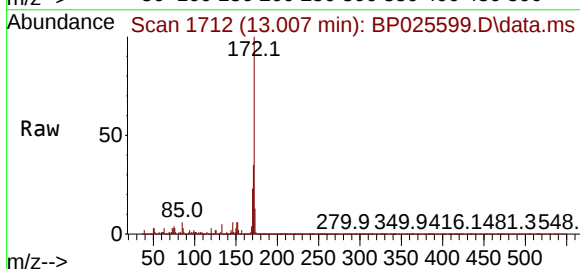
Tgt Ion:172 Resp: 2381137

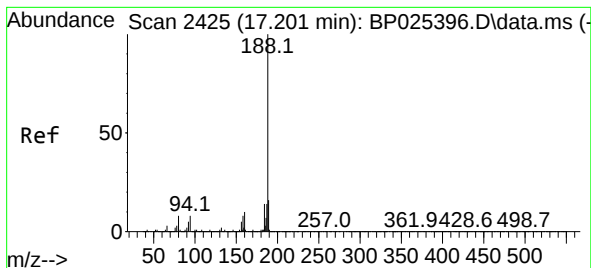
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025599.D

Acq: 27 Aug 2025 11:42

Instrument :

BNA_P

ClientSampleId :

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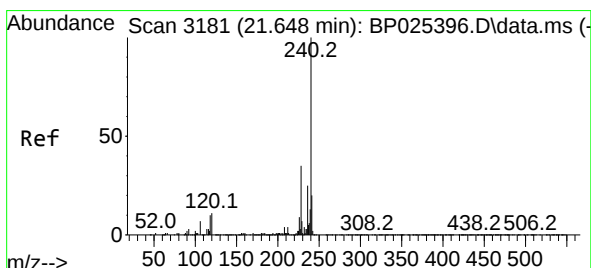
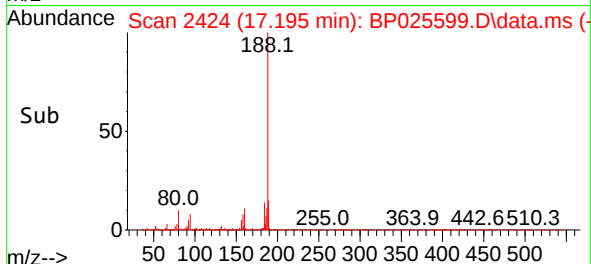
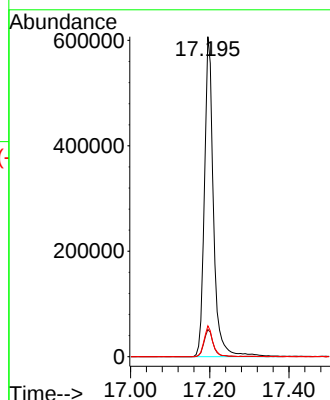
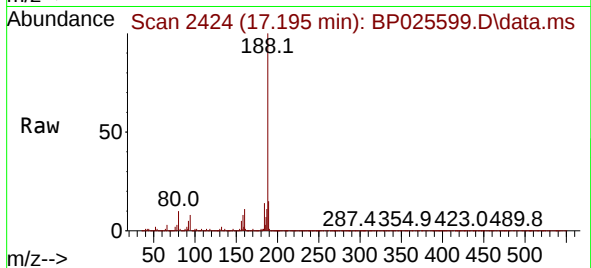
Tgt Ion:188 Resp: 961568

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025599.D

Acq: 27 Aug 2025 11:42

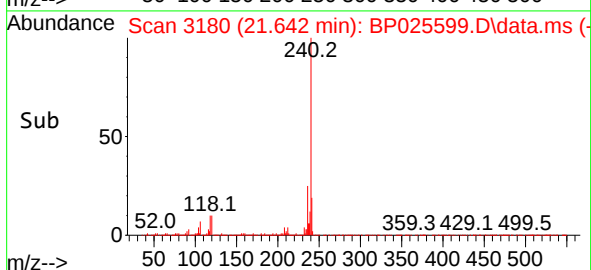
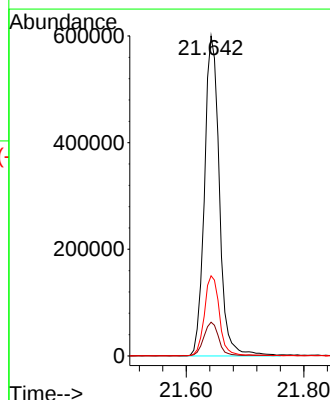
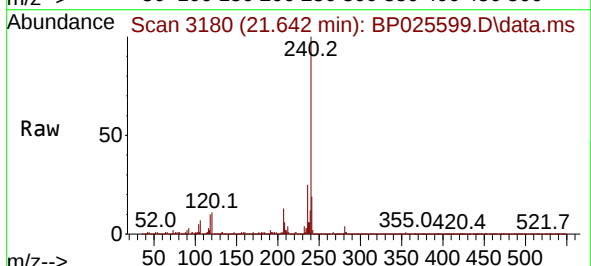
Tgt Ion:240 Resp: 1057440

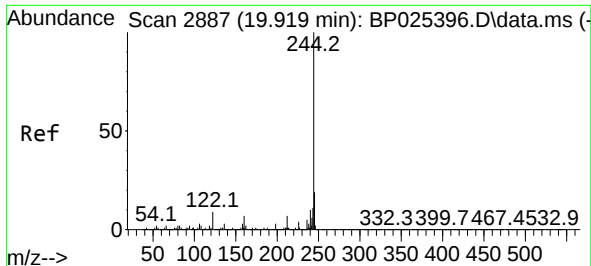
Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.1 19.8 29.8

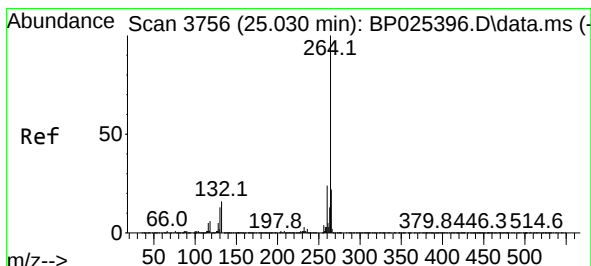
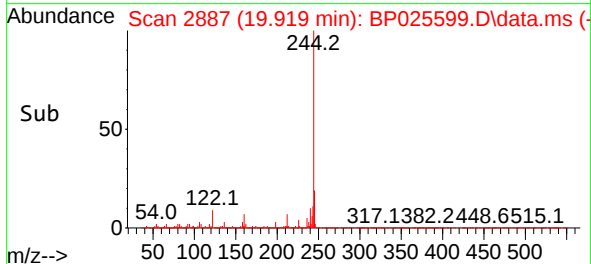
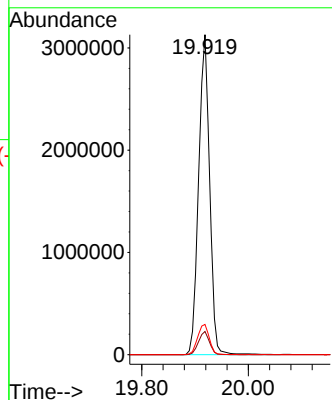
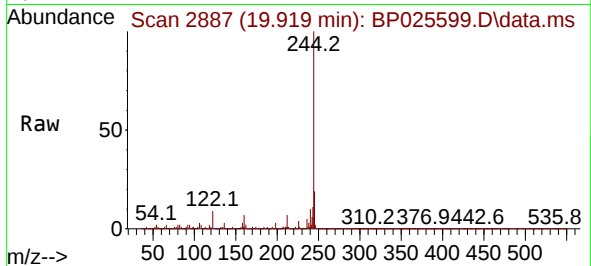




#79
 Terphenyl-d14
 Concen: 77.605 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025599.D
 Acq: 27 Aug 2025 11:42

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 4485346
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.4 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3753
 Delta R.T. -0.018 min
 Lab File: BP025599.D
 Acq: 27 Aug 2025 11:42

Tgt Ion:264 Resp: 1170620
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 22.2 17.4 26.0

