

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025801.D
 Acq On : 19 Sep 2025 16:28
 Operator : CG/JU
 Sample : Q3098-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EFF-WW

Quant Time: Sep 19 16:55:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

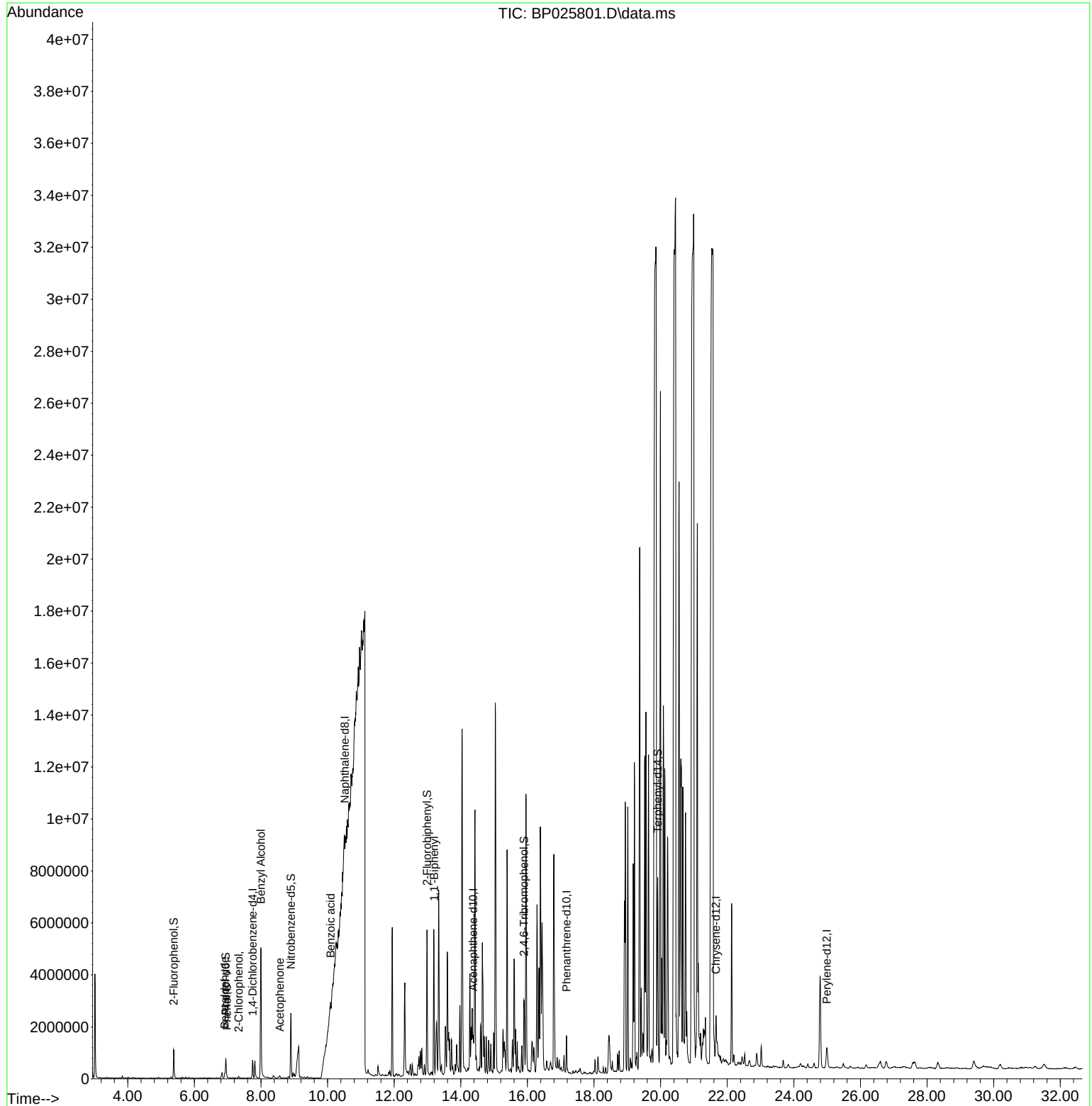
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	178989	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	525343	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	428315	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	821856	20.000	ng	-0.01
76) Chrysene-d12	21.660	240	847968	20.000	ng	0.02
86) Perylene-d12	24.989	264	937917	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	507983	45.794	ng	0.00
7) Phenol-d6	6.943	99	412208	27.957	ng	0.00
23) Nitrobenzene-d5	8.896	82	1459656	122.562	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	472927	88.524	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2835892	88.160	ng	0.00
79) Terphenyl-d14	19.913	244	4098435	86.949	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.331	128	31380	2.579	ng	97
9) Benzaldehyde	6.914	77	79282	8.971	ng	98
10) Phenol	6.972	94	33100	2.129	ng	93
15) Benzyl Alcohol	7.996	79	2048935	168.170	ng	99
22) Acetophenone	8.566	105	38643	2.753	ng	# 94
32) Benzoic acid	10.090	122	4537096	733.318	ng	99
46) 1,1'-Biphenyl	13.196	154	483957	15.394	ng	99

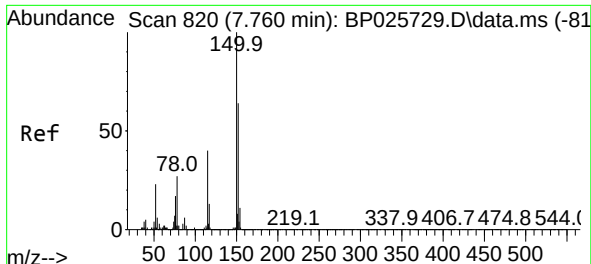
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025801.D
Acq On : 19 Sep 2025 16:28
Operator : CG/JU
Sample : Q3098-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Quant Time: Sep 19 16:55:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

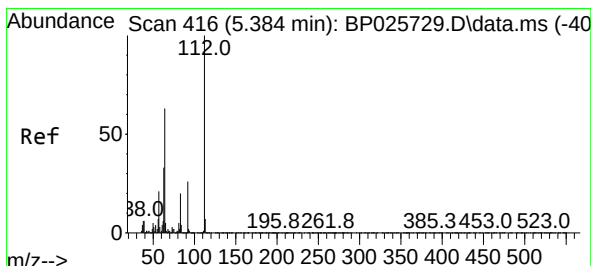
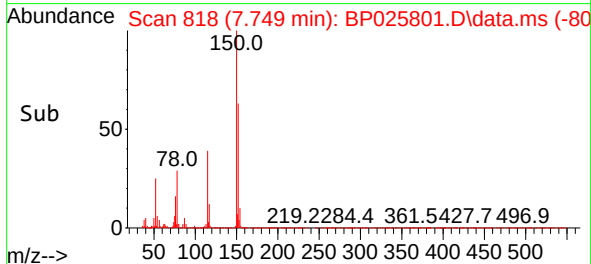
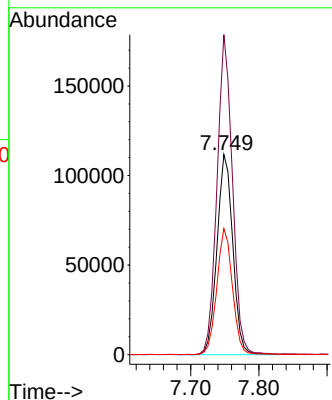
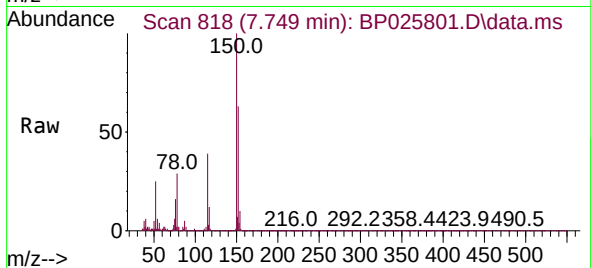




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

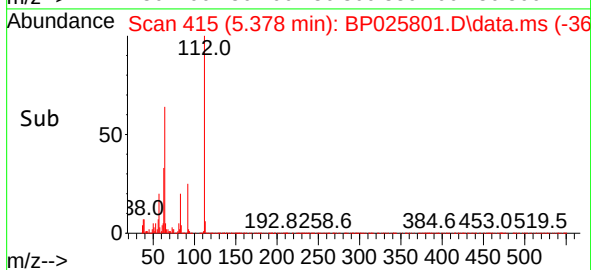
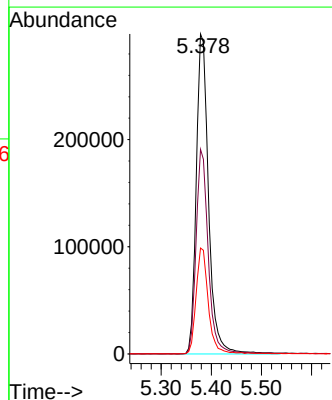
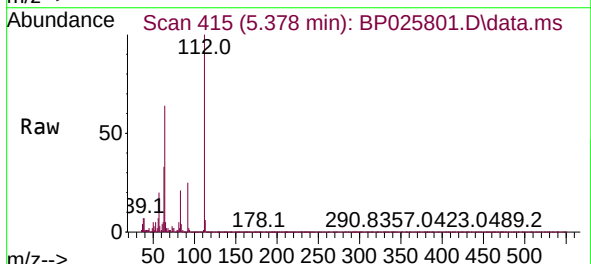
Instrument :
BNA_P
ClientSampleId :
EFF-WW

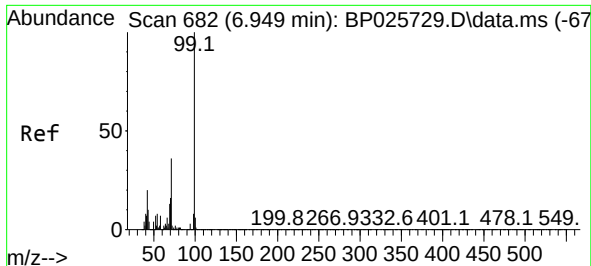
Tgt Ion:152 Resp: 178989
Ion Ratio Lower Upper
152 100
150 159.9 124.3 186.5
115 62.9 50.3 75.5



#5
2-Fluorophenol
Concen: 45.794 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:112 Resp: 507983
Ion Ratio Lower Upper
112 100
64 63.9 50.2 75.4
63 33.1 26.7 40.1

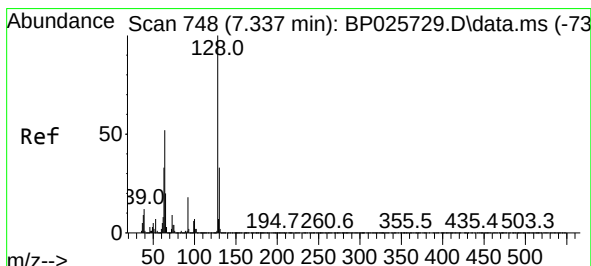
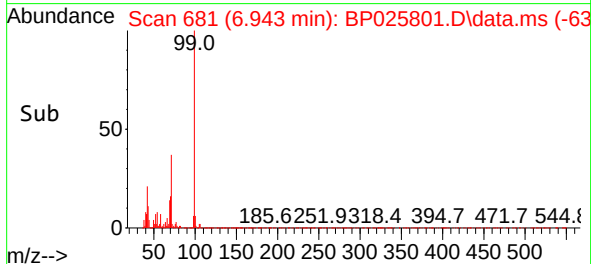
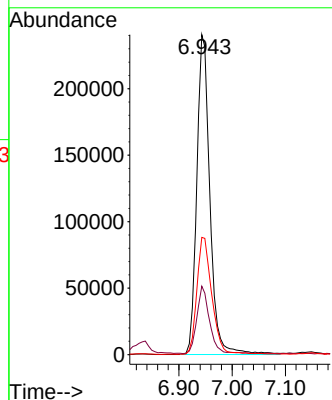
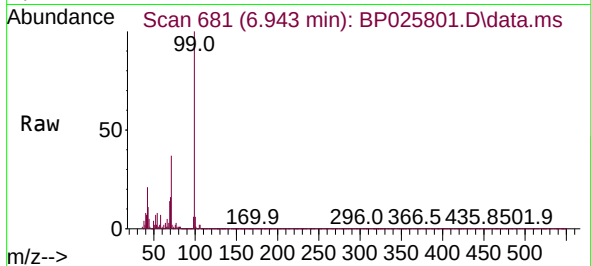




#7
Phenol-d6
Concen: 27.957 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

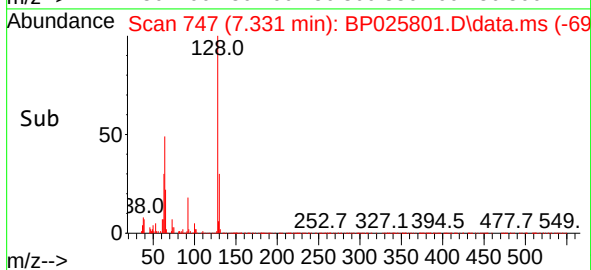
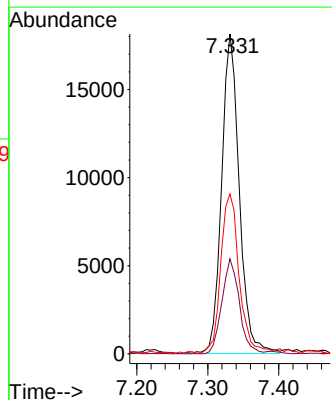
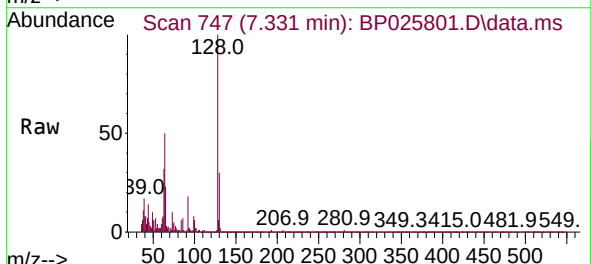
Instrument :
BNA_P
ClientSampleId :
EFF-WW

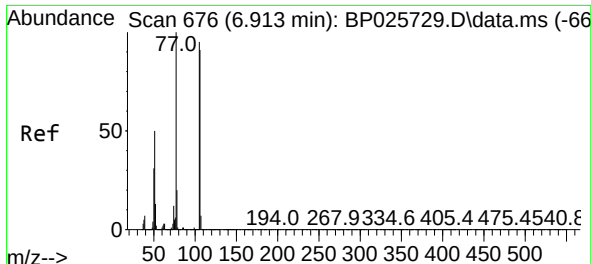
Tgt Ion: 99 Resp: 412208
Ion Ratio Lower Upper
99 100
42 21.4 15.6 23.4
71 36.6 28.6 43.0



#8
2-Chlorophenol
Concen: 2.579 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:128 Resp: 31380
Ion Ratio Lower Upper
128 100
130 29.7 12.6 52.6
64 50.0 31.6 71.6

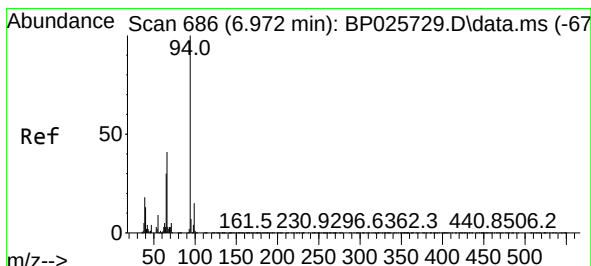
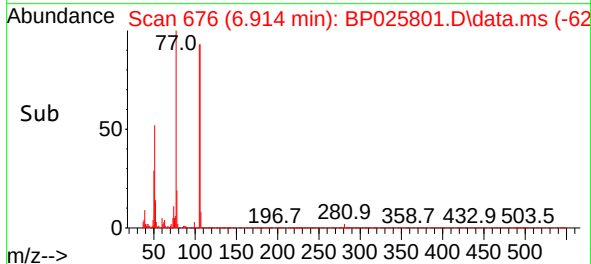
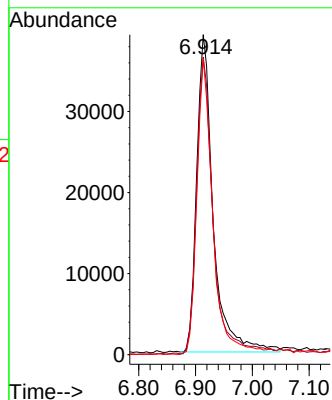
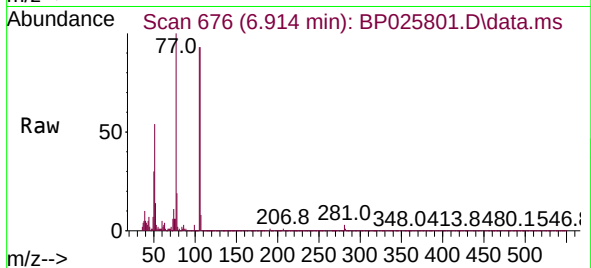




#9
Benzaldehyde
Concen: 8.971 ng
RT: 6.914 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

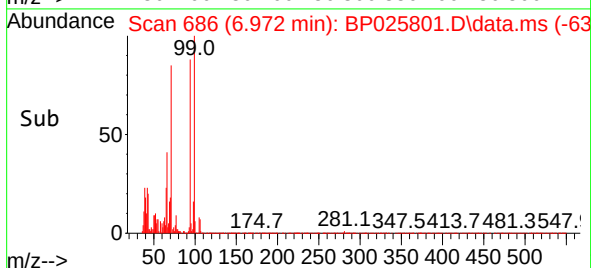
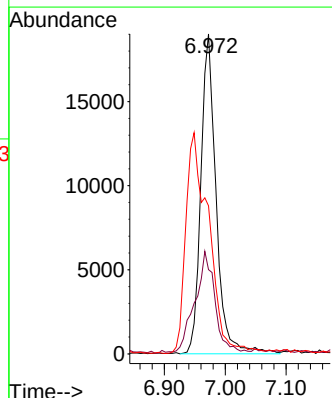
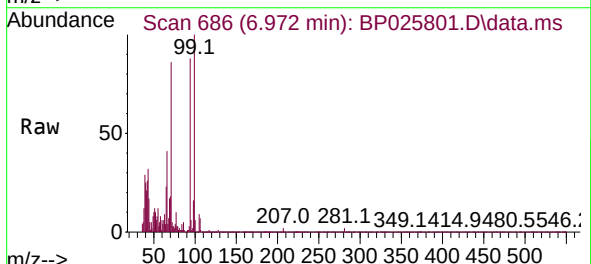
Instrument :
BNA_P
ClientSampleId :
EFF-WW

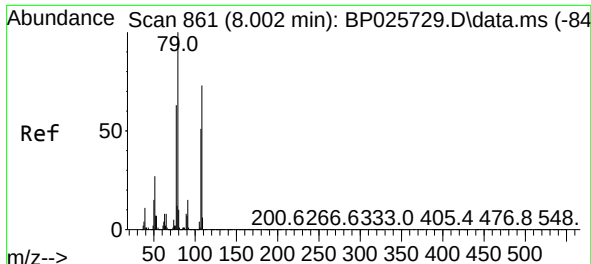
Tgt Ion: 77 Resp: 79282
Ion Ratio Lower Upper
77 100
105 93.0 75.2 115.2
106 92.7 71.3 111.3



#10
Phenol
Concen: 2.129 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion: 94 Resp: 33100
Ion Ratio Lower Upper
94 100
65 26.3 10.2 50.2
66 46.3 21.4 61.4

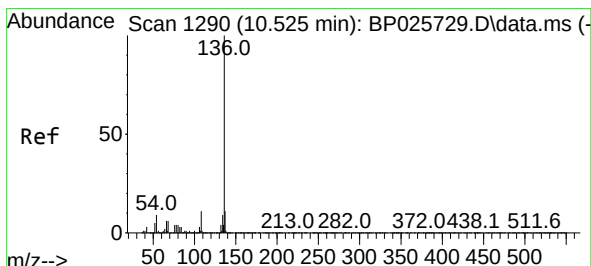
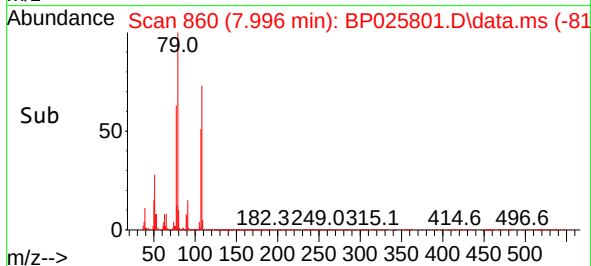
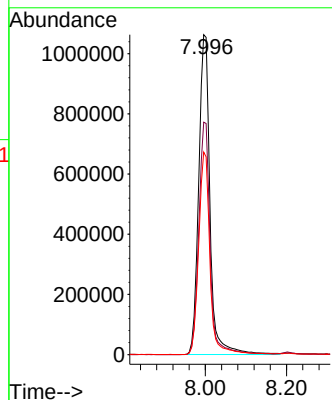
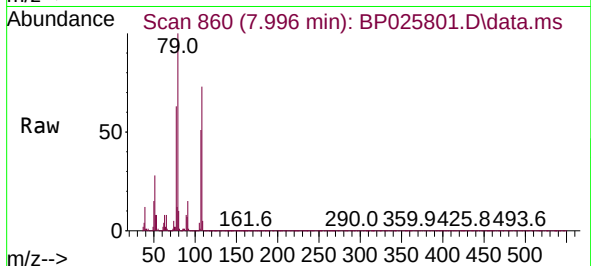




#15
Benzyl Alcohol
Concen: 168.170 ng
RT: 7.996 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

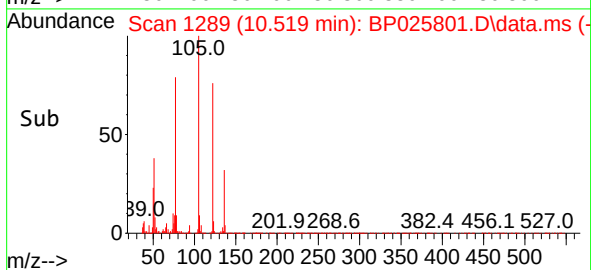
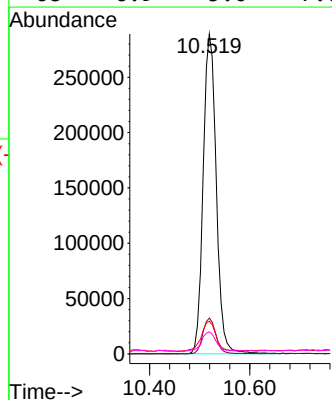
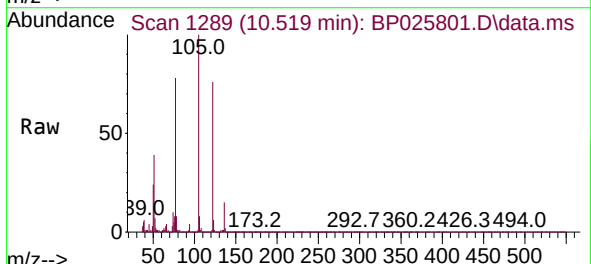
Instrument :
BNA_P
ClientSampleId :
EFF-WW

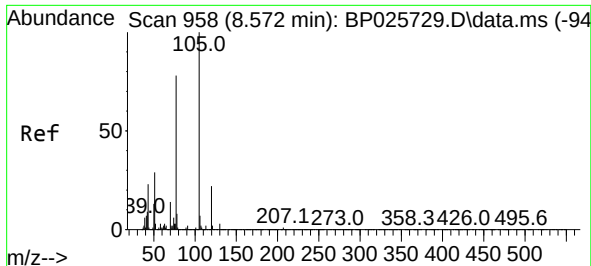
Tgt Ion: 79 Resp: 2048935
Ion Ratio Lower Upper
79 100
108 72.6 58.7 88.1
77 63.3 50.2 75.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:136 Resp: 525343
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.3 7.5 11.3
68 6.9 5.0 7.6

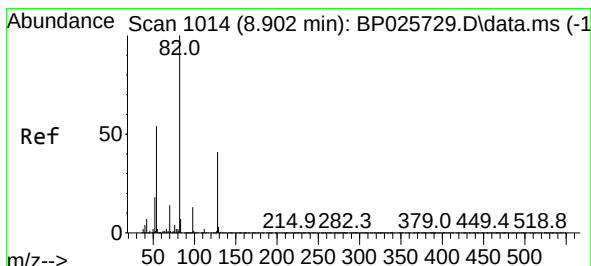
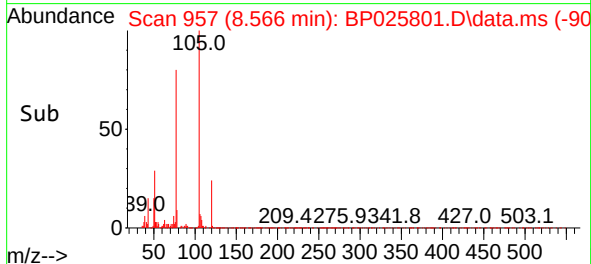
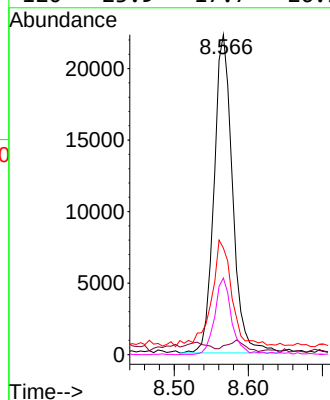
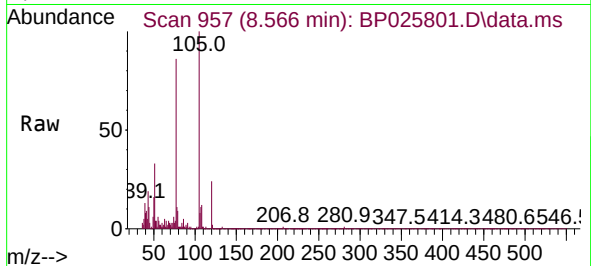




#22
Acetophenone
Concen: 2.753 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

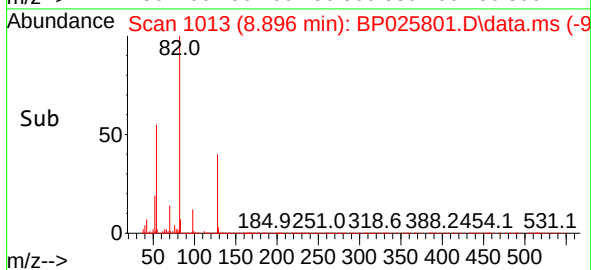
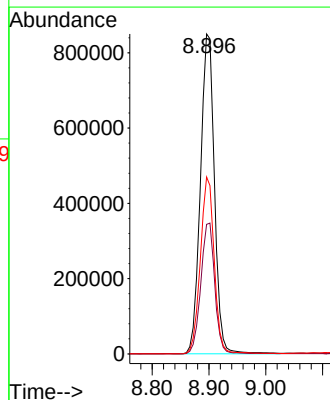
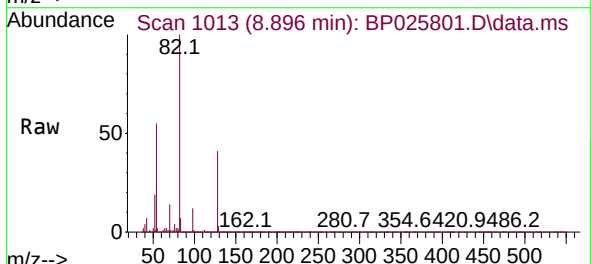
Instrument :
BNA_P
ClientSampleId :
EFF-WW

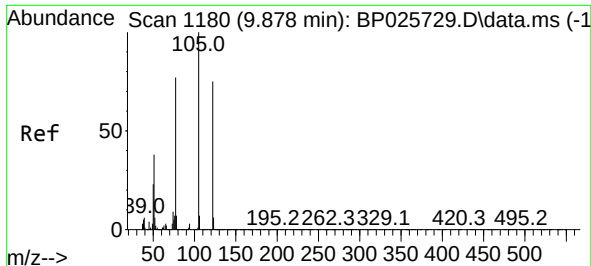
Tgt Ion:	105	Resp:	38643
Ion Ratio	Lower	Upper	
105	100		
71	2.8	1.8	2.8#
51	33.3	23.5	35.3
120	23.9	17.7	26.5



#23
Nitrobenzene-d5
Concen: 122.562 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:	82	Resp:	1459656
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.9	49.3
54	55.3	43.4	65.2

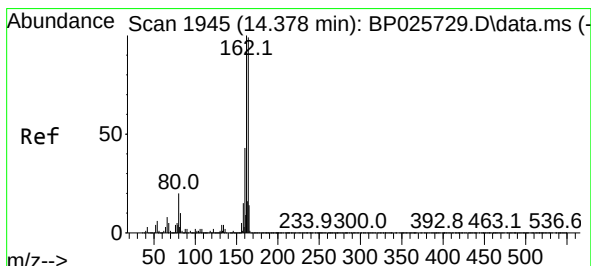
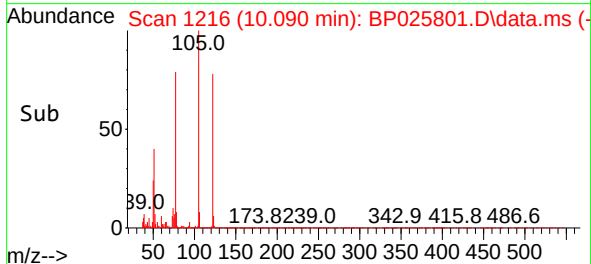
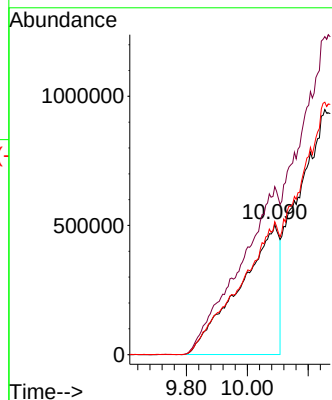
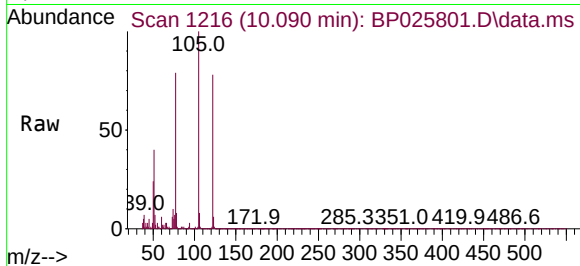




#32
Benzoic acid
Concen: 733.318 ng
RT: 10.090 min Scan# 1180
Delta R.T. 0.212 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

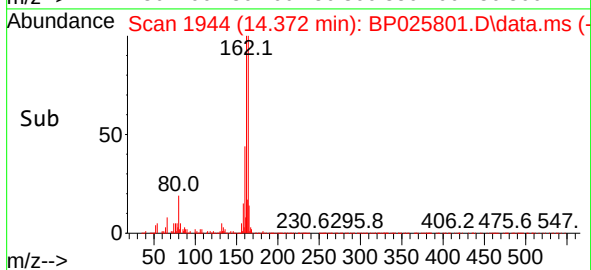
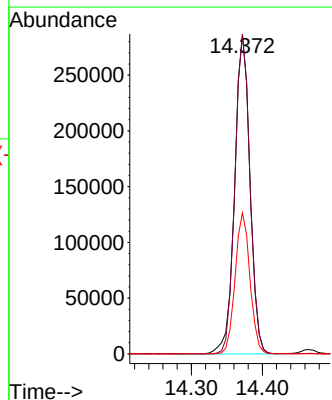
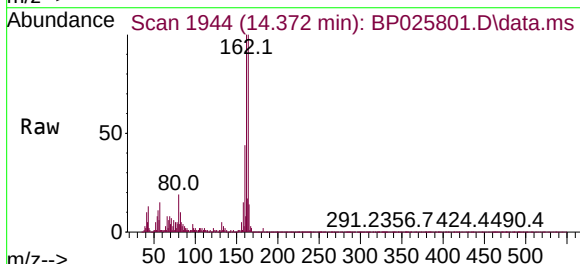
Instrument :
BNA_P
ClientSampleId :
EFF-WW

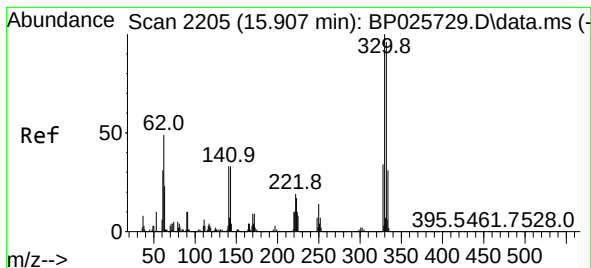
Tgt Ion:122 Resp: 4537096
Ion Ratio Lower Upper
122 100
105 128.8 111.5 151.5
77 101.9 81.8 121.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:164 Resp: 428315
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 44.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 88.524 ng

RT: 15.895 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BP025801.D

Acq: 19 Sep 2025 16:28

Instrument :

BNA_P

ClientSampleId :

EFF-WW

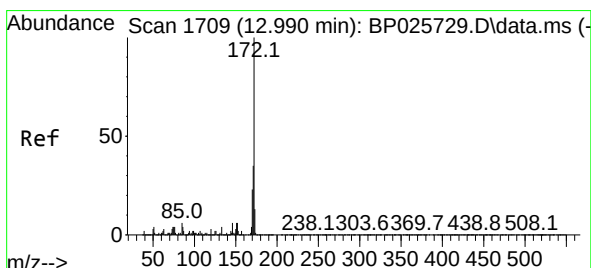
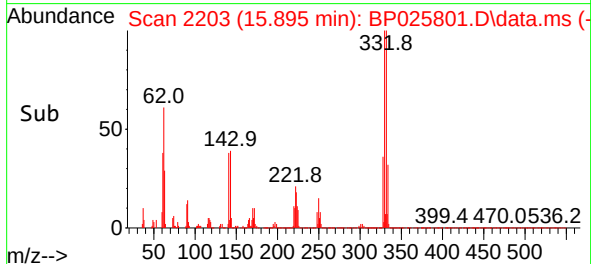
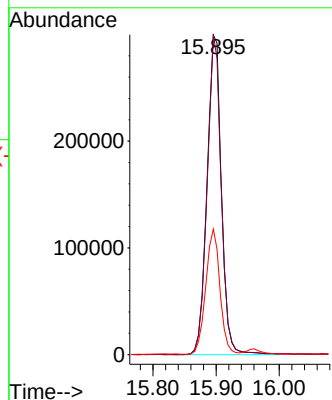
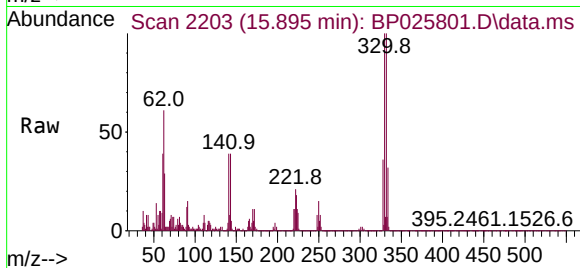
Tgt Ion:330 Resp: 472927

Ion Ratio Lower Upper

330 100

332 97.8 76.9 115.3

141 38.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 88.160 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025801.D

Acq: 19 Sep 2025 16:28

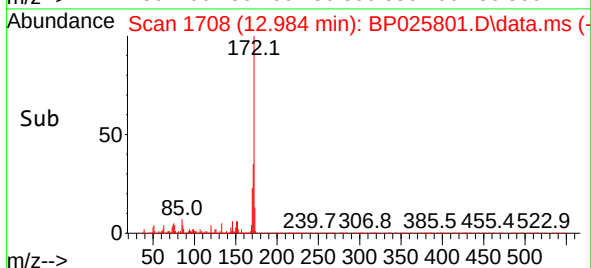
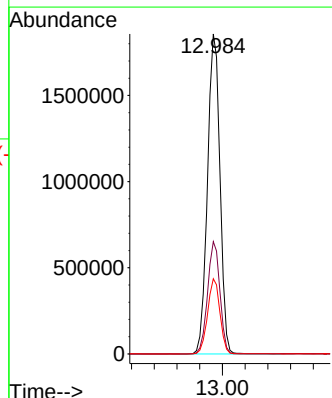
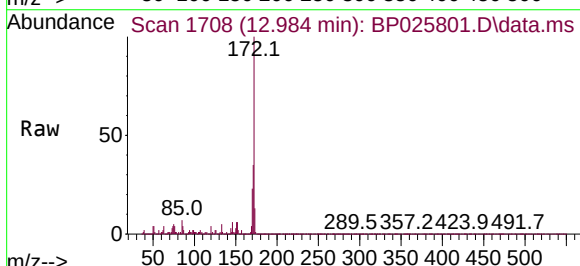
Tgt Ion:172 Resp: 2835892

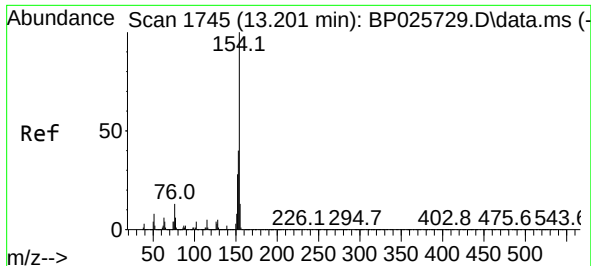
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.5 18.6 27.8

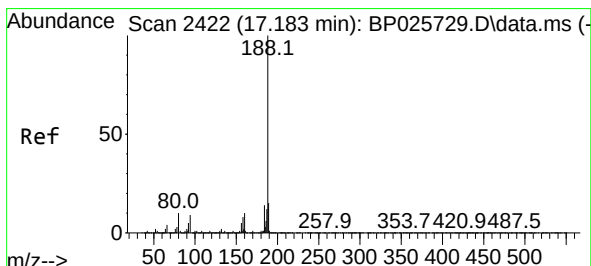
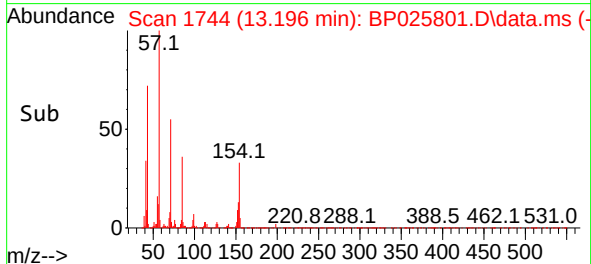
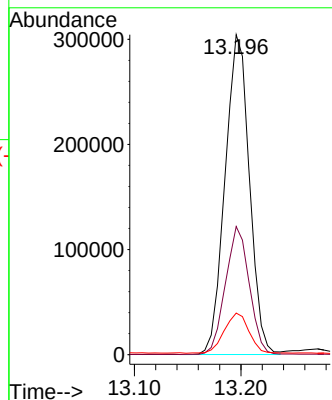
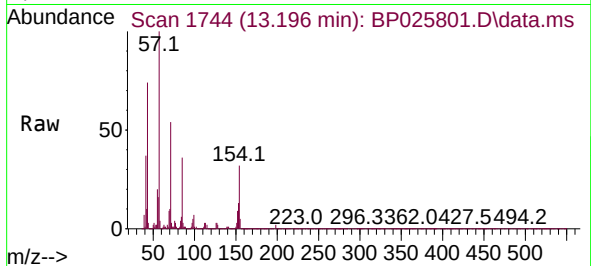




#46
1,1'-Biphenyl
Concen: 15.394 ng
RT: 13.196 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

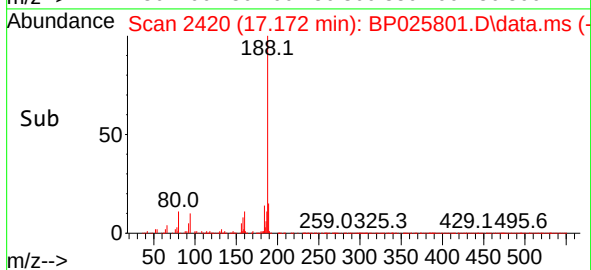
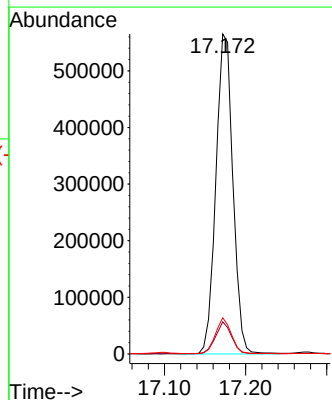
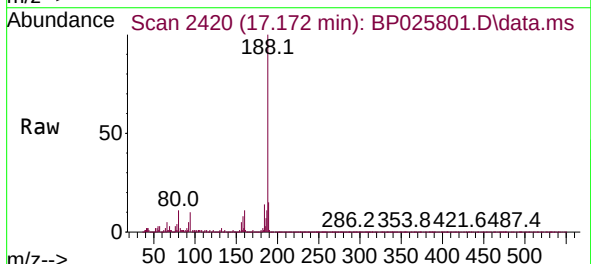
Instrument :
BNA_P
ClientSampleId :
EFF-WW

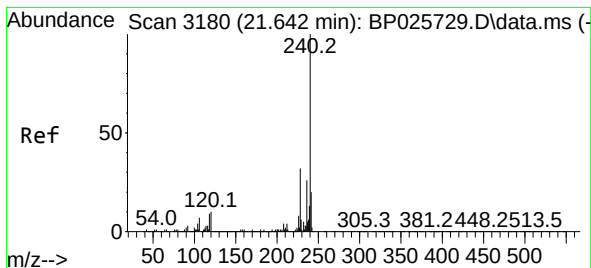
Tgt Ion:154 Resp: 483957
Ion Ratio Lower Upper
154 100
153 40.0 19.7 59.7
76 13.0 0.0 33.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:188 Resp: 821856
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 11.3 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.660 min Scan# 3183

Delta R.T. 0.018 min

Lab File: BP025801.D

Acq: 19 Sep 2025 16:28

Instrument :

BNA_P

ClientSampleId :

EFF-WW

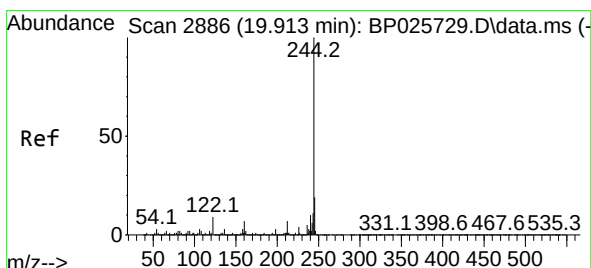
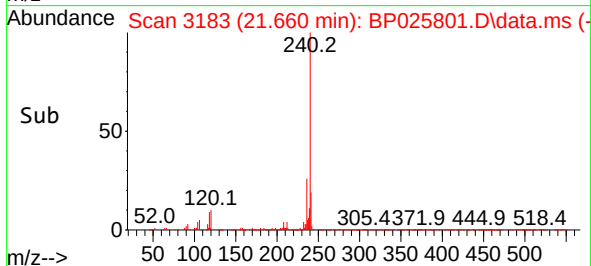
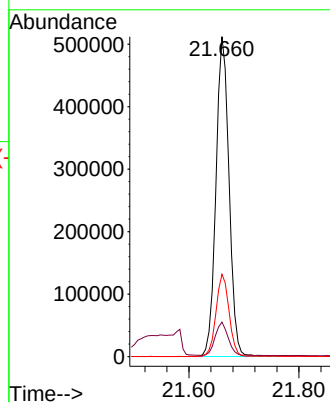
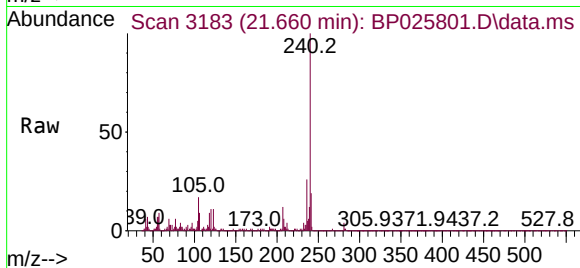
Tgt Ion:240 Resp: 847968

Ion Ratio Lower Upper

240 100

120 10.8 8.0 12.0

236 25.7 20.7 31.1



#79

Terphenyl-d14

Concen: 86.949 ng

RT: 19.913 min Scan# 2886

Delta R.T. 0.000 min

Lab File: BP025801.D

Acq: 19 Sep 2025 16:28

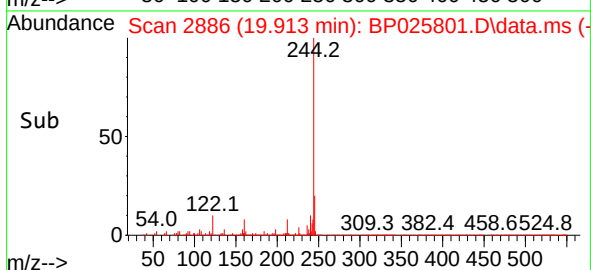
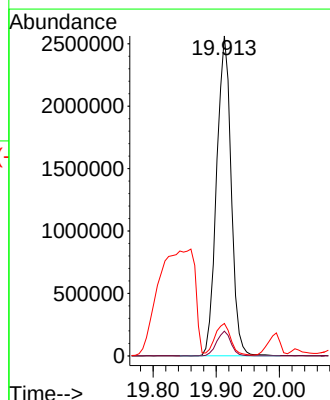
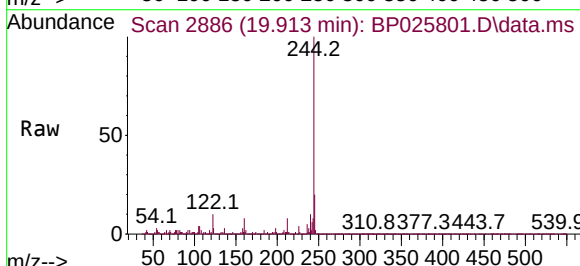
Tgt Ion:244 Resp: 4098435

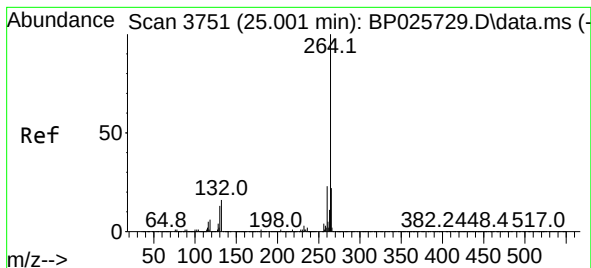
Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 10.1 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025801.D

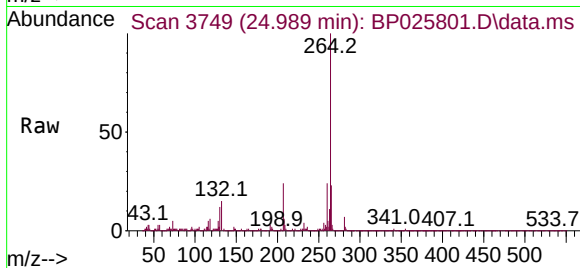
Acq: 19 Sep 2025 16:28

Instrument :

BNA_P

ClientSampleId :

EFF-WW



Tgt Ion:264 Resp: 937917

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 23.0 17.3 25.9

