

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
 Data File : BP025331.D
 Acq On : 08 Aug 2025 13:47
 Operator : CG/JU
 Sample : Q2780-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Aug 08 14:07:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

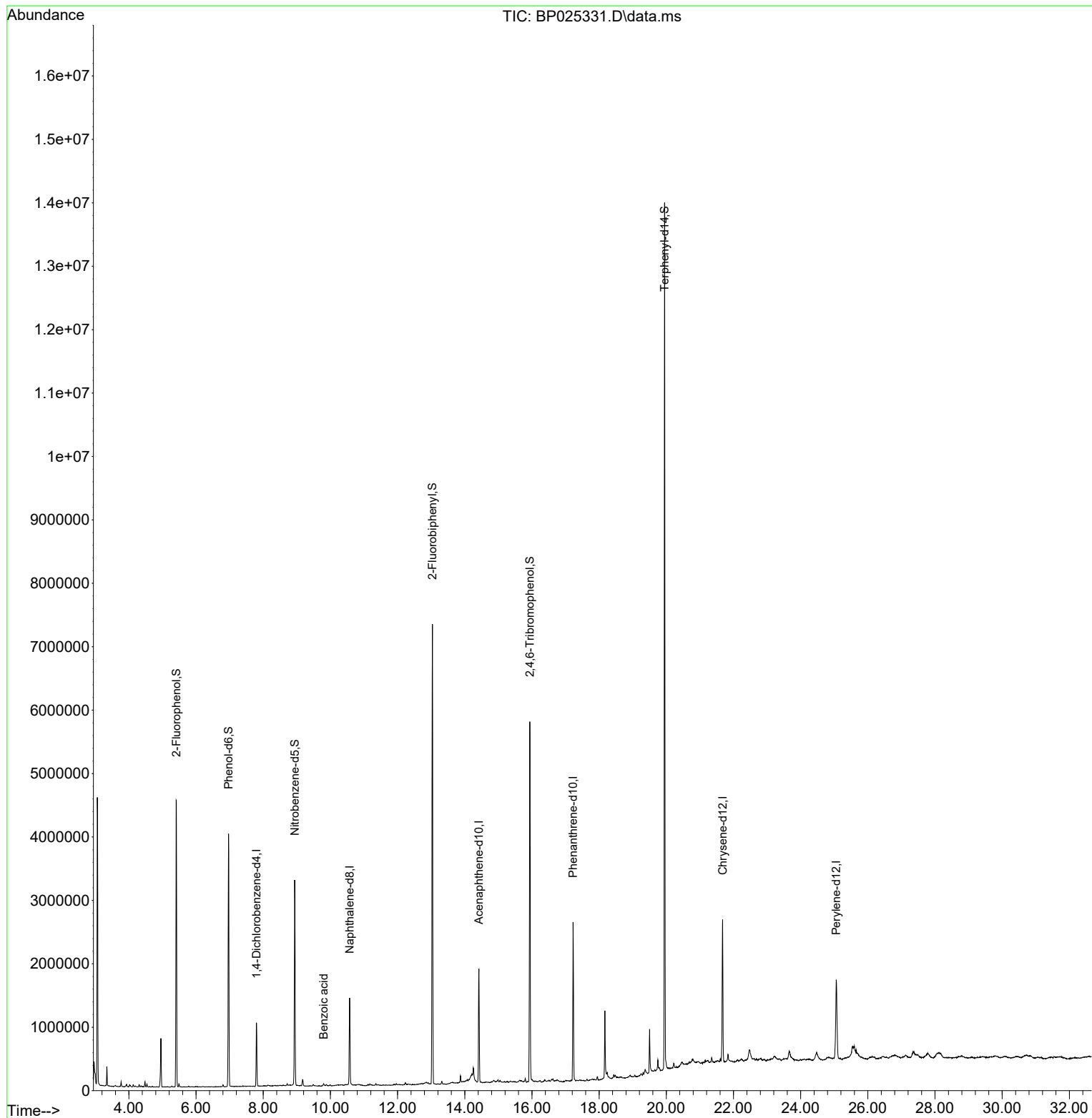
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	284511	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1146230	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	710929	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	1491877	20.000	ng	0.00
76) Chrysene-d12	21.677	240	1403686	20.000	ng	0.02
86) Perylene-d12	25.060	264	1251973	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	2023882	114.412	ng	0.00
7) Phenol-d6	6.966	99	2302890	98.919	ng	0.00
23) Nitrobenzene-d5	8.937	82	1755485	84.848	ng	0.00
42) 2,4,6-Tribromophenol	15.936	330	1135302	160.075	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	3884762	75.474	ng	0.00
79) Terphenyl-d14	19.948	244	6408890	86.237	ng	0.00
Target Compounds						
32) Benzoic acid	9.796	122	14110	7.439	ng	Qvalue 90

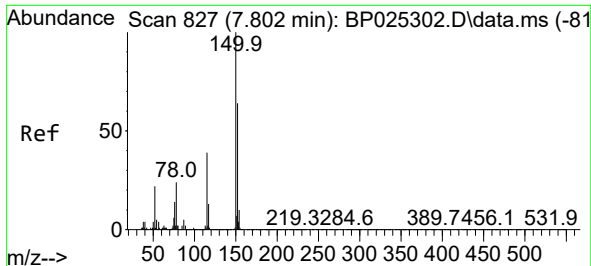
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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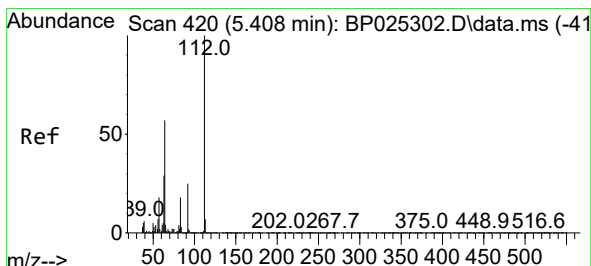
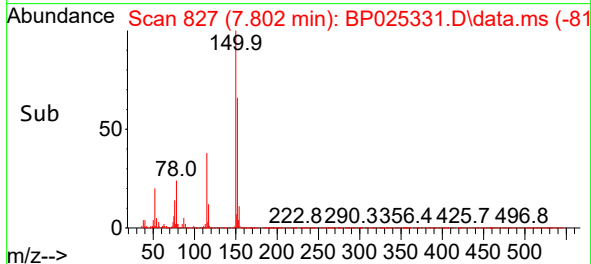
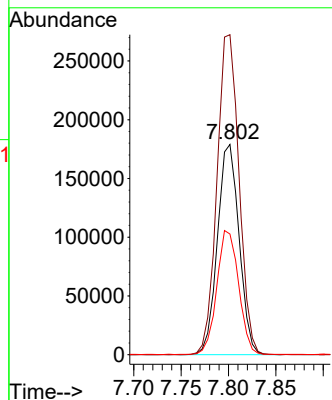
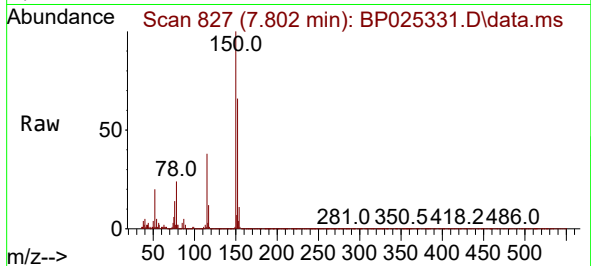




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025331.D
Acq: 08 Aug 2025 13:47

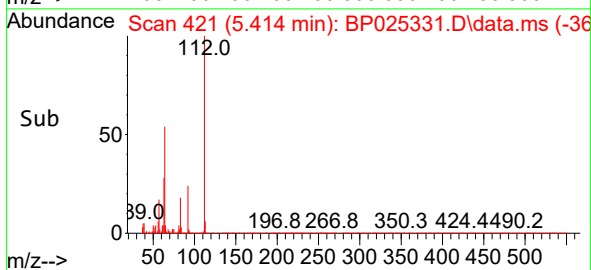
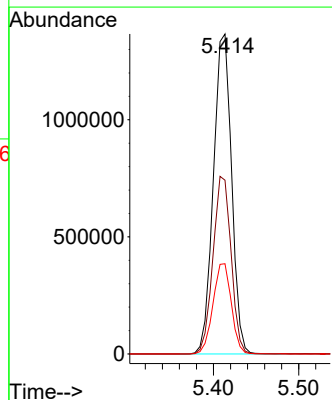
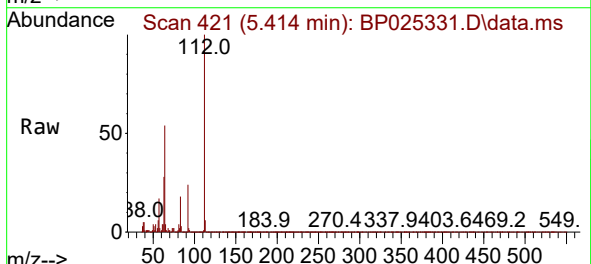
Instrument :
BNA_P
ClientSampleId :
TP-1

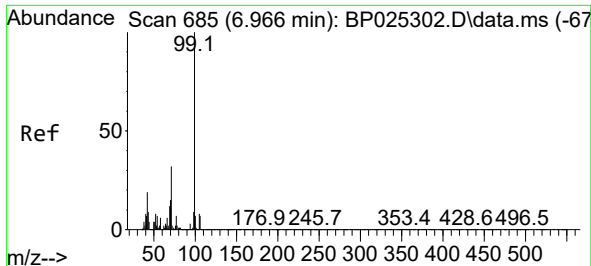
Tgt Ion:152 Resp: 284511
Ion Ratio Lower Upper
152 100
150 152.2 125.1 187.7
115 57.4 48.4 72.6



#5
2-Fluorophenol
Concen: 114.412 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.005 min
Lab File: BP025331.D
Acq: 08 Aug 2025 13:47

Tgt Ion:112 Resp: 2023882
Ion Ratio Lower Upper
112 100
64 54.3 45.3 67.9
63 28.2 23.0 34.6

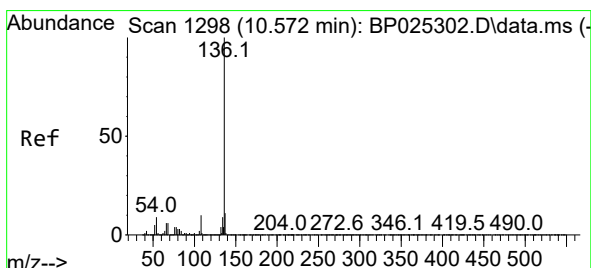
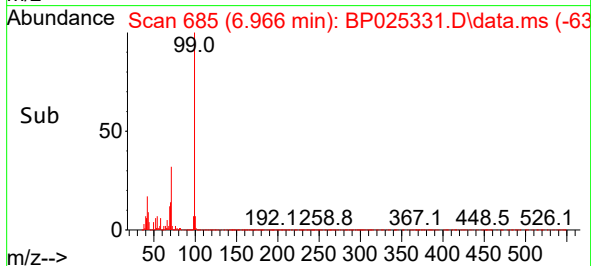
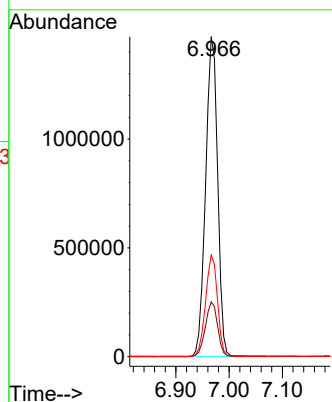
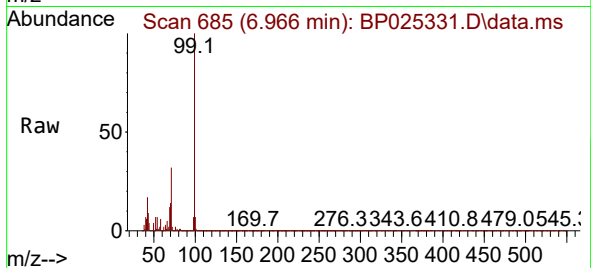




#7
Phenol-d6
Concen: 98.919 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025331.D
Acq: 08 Aug 2025 13:47

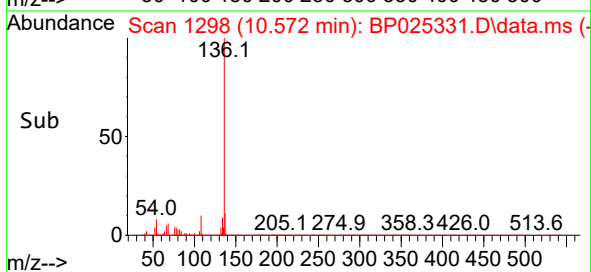
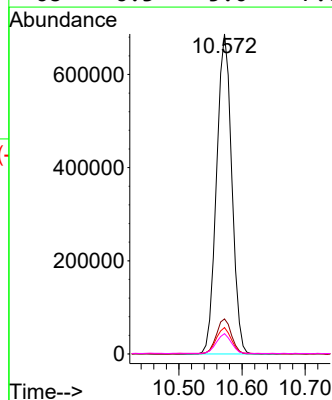
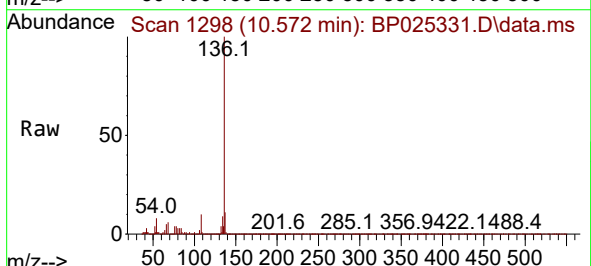
Instrument :
BNA_P
ClientSampleId :
TP-1

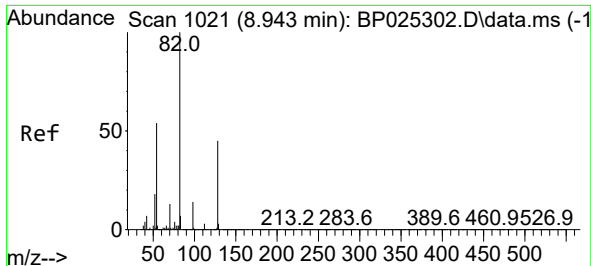
Tgt Ion: 99 Resp: 2302890
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.6
71 31.7 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025331.D
Acq: 08 Aug 2025 13:47

Tgt Ion: 136 Resp: 1146230
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.2 7.0 10.6
68 6.3 5.0 7.6

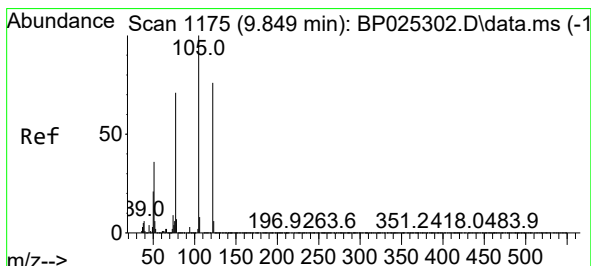
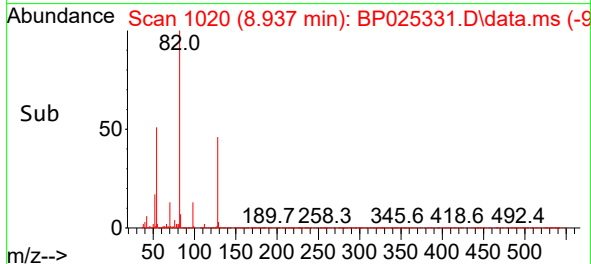
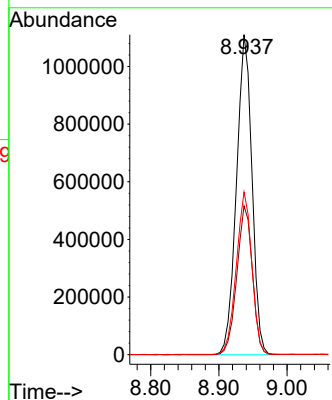
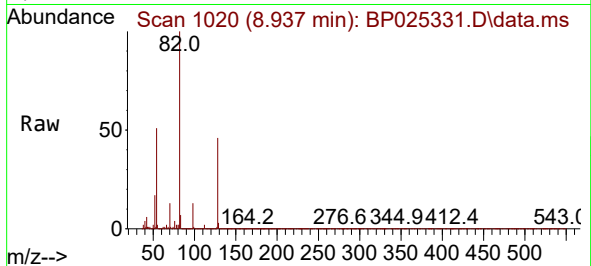




#23
Nitrobenzene-d5
Concen: 84.848 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP025331.D
Acq: 08 Aug 2025 13:47

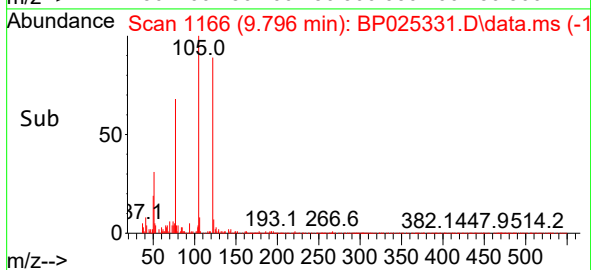
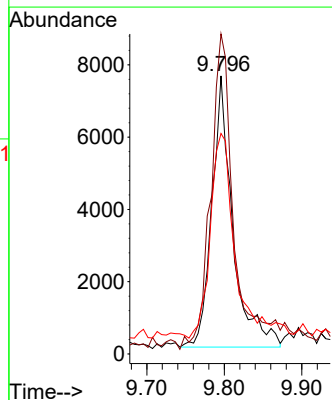
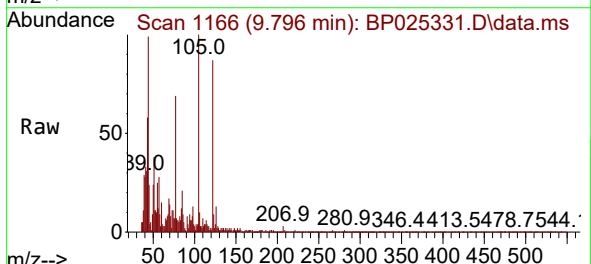
Instrument :
BNA_P
ClientSampleId :
TP-1

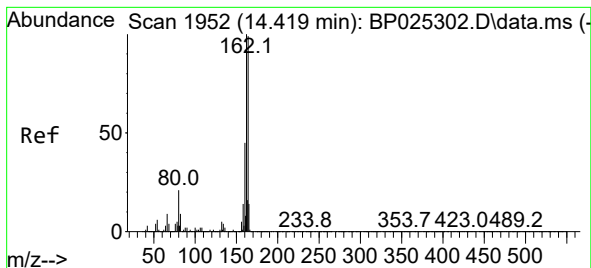
Tgt Ion: 82 Resp: 1755485
Ion Ratio Lower Upper
82 100
128 46.5 35.4 53.2
54 50.9 42.9 64.3



#32
Benzoic acid
Concen: 7.439 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.053 min
Lab File: BP025331.D
Acq: 08 Aug 2025 13:47

Tgt Ion: 122 Resp: 14110
Ion Ratio Lower Upper
122 100
105 115.1 104.0 144.0
77 79.3 71.8 111.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.419 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BP025331.D

Acq: 08 Aug 2025 13:47

Instrument :

BNA_P

ClientSampleId :

TP-1

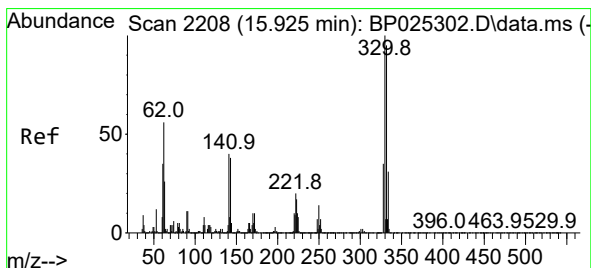
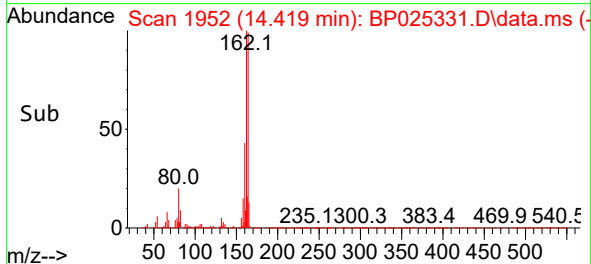
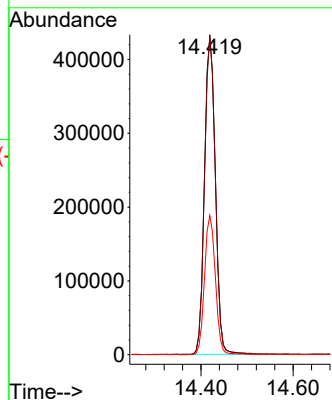
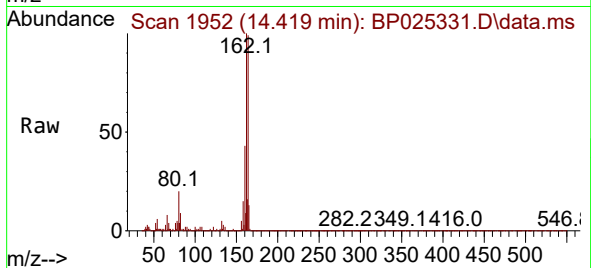
Tgt Ion:164 Resp: 710929

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 43.8 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 160.075 ng

RT: 15.936 min Scan# 2210

Delta R.T. 0.011 min

Lab File: BP025331.D

Acq: 08 Aug 2025 13:47

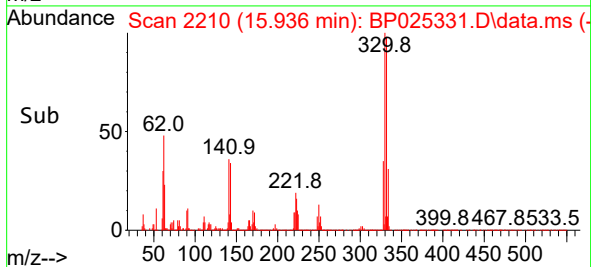
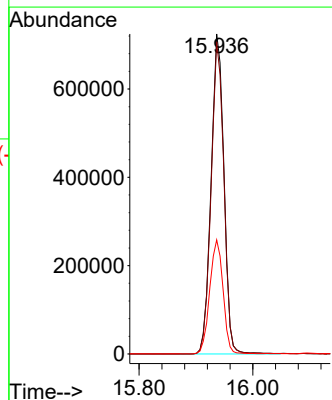
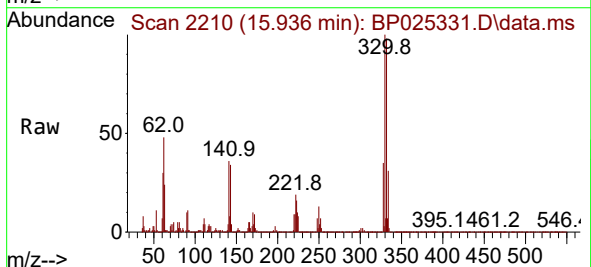
Tgt Ion:330 Resp: 1135302

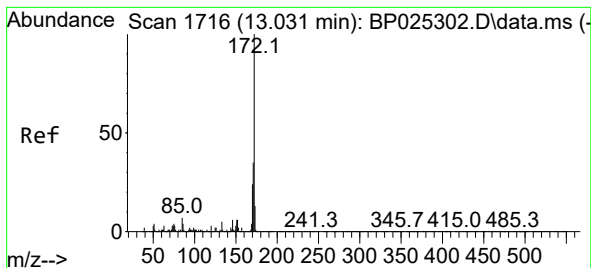
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 36.8 31.7 47.5





#45

2-Fluorobiphenyl

Concen: 75.474 ng

RT: 13.037 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025331.D

Acq: 08 Aug 2025 13:47

Instrument :

BNA_P

ClientSampleId :

TP-1

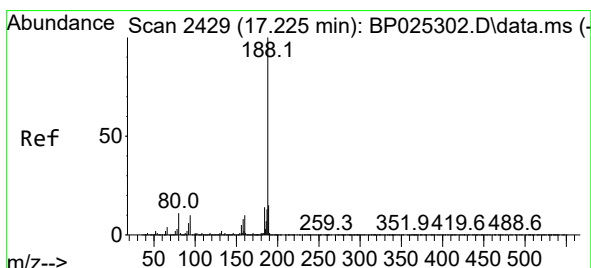
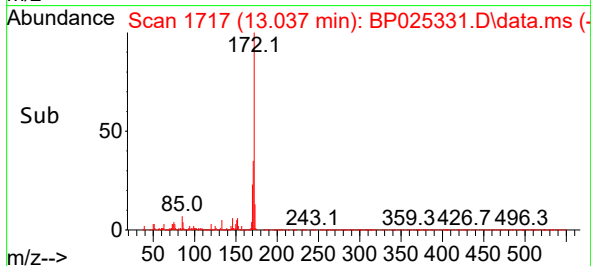
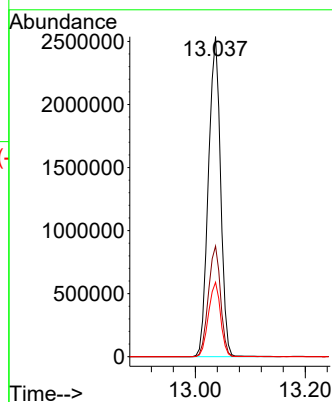
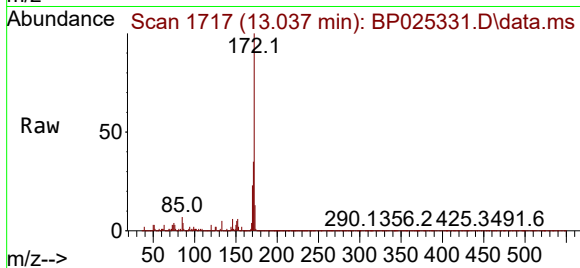
Tgt Ion:172 Resp: 3884762

Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.2 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.225 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP025331.D

Acq: 08 Aug 2025 13:47

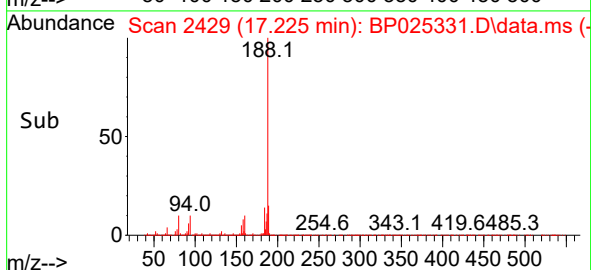
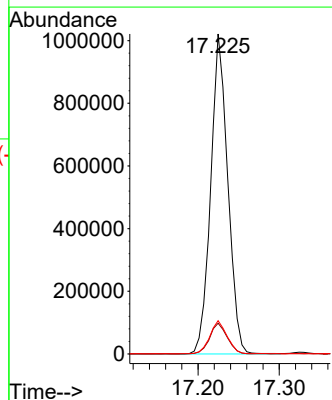
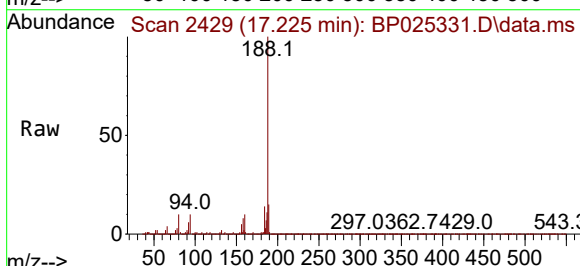
Tgt Ion:188 Resp: 1491877

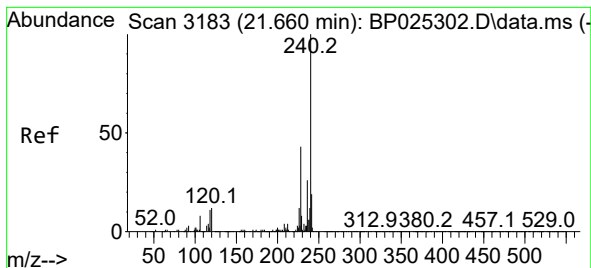
Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

80 10.4 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.677 min Scan# 3186

Delta R.T. 0.017 min

Lab File: BP025331.D

Acq: 08 Aug 2025 13:47

Instrument :

BNA_P

ClientSampleId :

TP-1

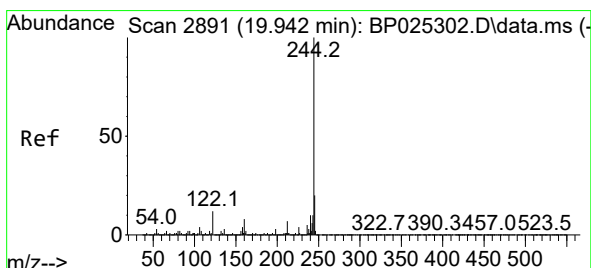
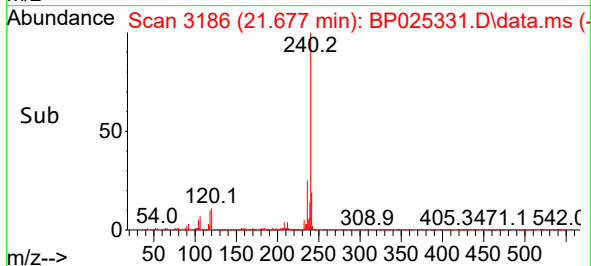
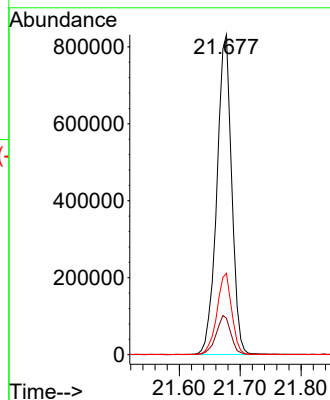
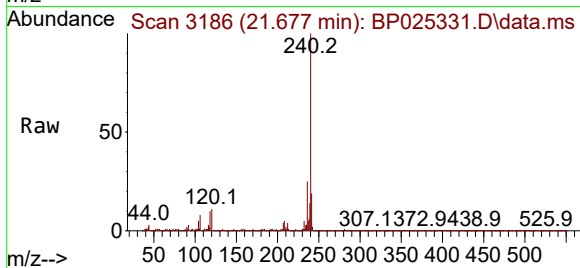
Tgt Ion:240 Resp: 1403686

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

236 25.5 20.4 30.6



#79

Terphenyl-d14

Concen: 86.237 ng

RT: 19.948 min Scan# 2892

Delta R.T. 0.006 min

Lab File: BP025331.D

Acq: 08 Aug 2025 13:47

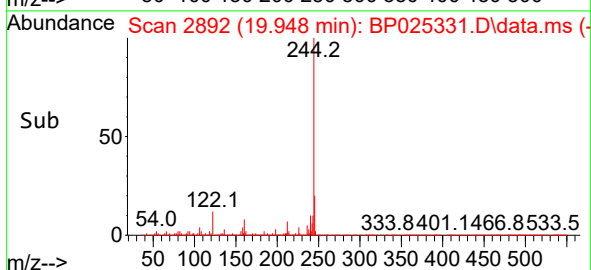
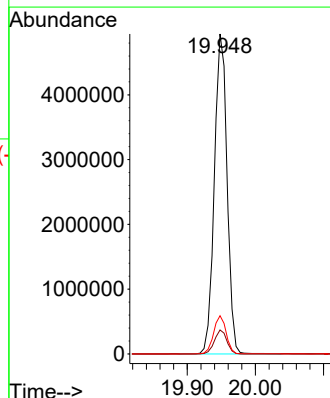
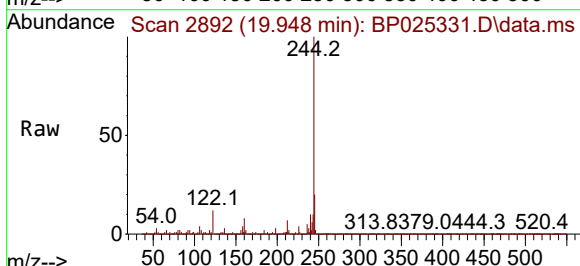
Tgt Ion:244 Resp: 6408890

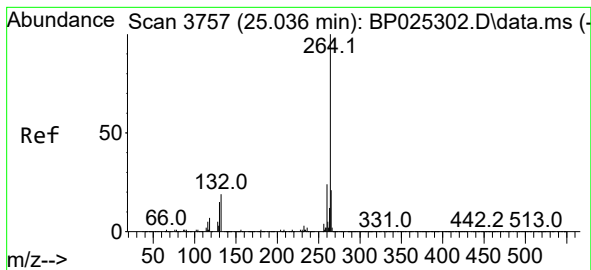
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 11.9 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.060 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP025331.D

Acq: 08 Aug 2025 13:47

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 1251973

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.7 17.1 25.7

