

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025505.D
 Acq On : 20 Aug 2025 12:46
 Operator : CG/JU
 Sample : PB169259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169259BL

Quant Time: Aug 20 13:17:53 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	7.784	152	125673	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	489801	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	305391	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	700234	20.000	ng	0.00
76) Chrysene-d12	21.642	240	868226	20.000	ng	0.00
86) Perylene-d12	25.018	264	927677	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	982839	129.877	ng	0.00
7) Phenol-d6	6.961	99	1212094	124.931	ng	0.00
23) Nitrobenzene-d5	8.919	82	782493	80.814	ng	-0.02
42) 2,4,6-Tribromophenol	15.919	330	593025	144.268	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1752838	78.443	ng	0.00
79) Terphenyl-d14	19.930	244	3540974	74.617	ng	0.01

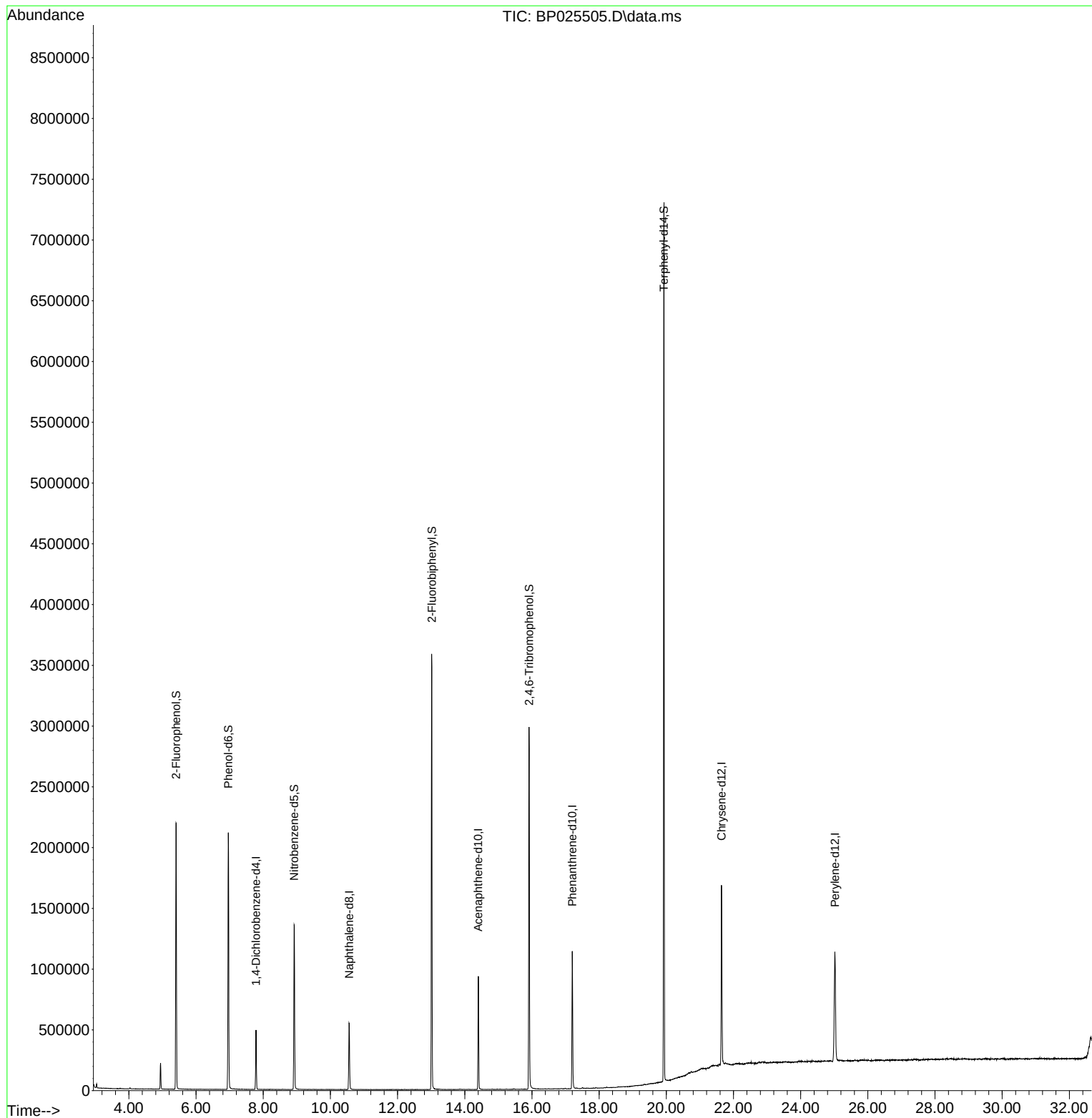
Target Compounds	Qvalue

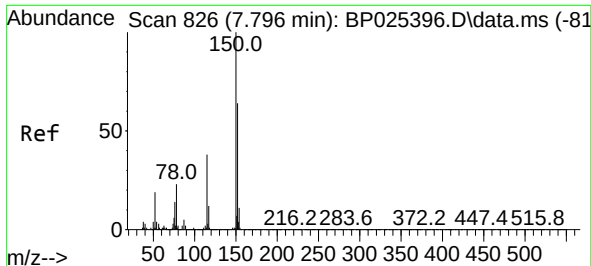
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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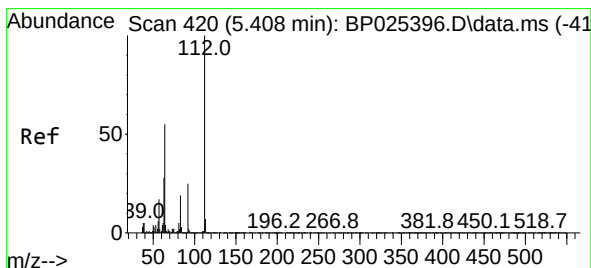
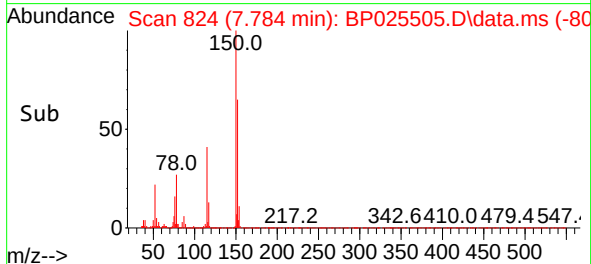
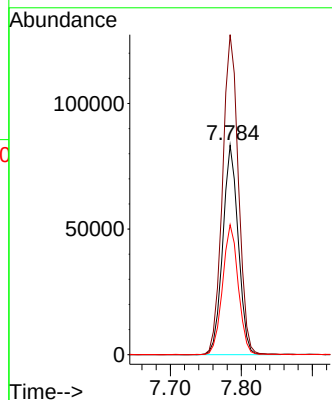
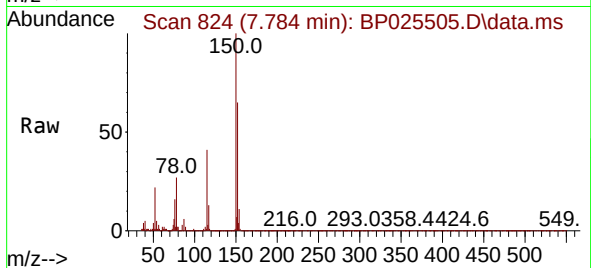




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025505.D
Acq: 20 Aug 2025 12:46

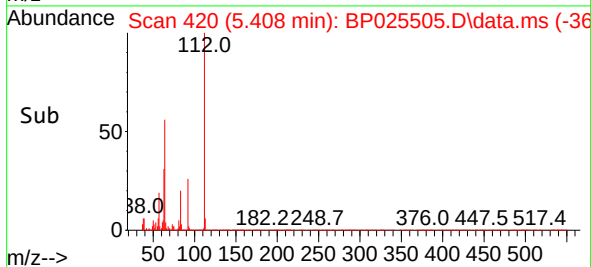
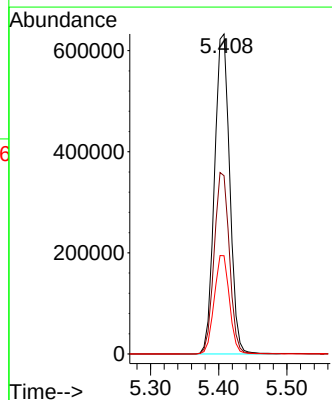
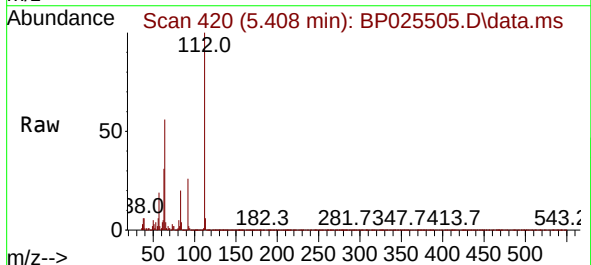
Instrument :
BNA_P
ClientSampleId :
PB169259BL

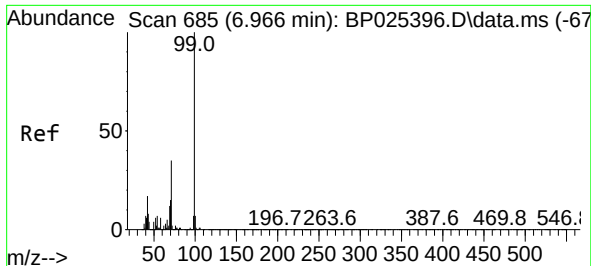
Tgt Ion:152 Resp: 125673
Ion Ratio Lower Upper
152 100
150 152.7 125.9 188.9
115 62.0 48.5 72.7



#5
2-Fluorophenol
Concen: 129.877 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025505.D
Acq: 20 Aug 2025 12:46

Tgt Ion:112 Resp: 982839
Ion Ratio Lower Upper
112 100
64 55.7 43.8 65.8
63 30.7 22.7 34.1

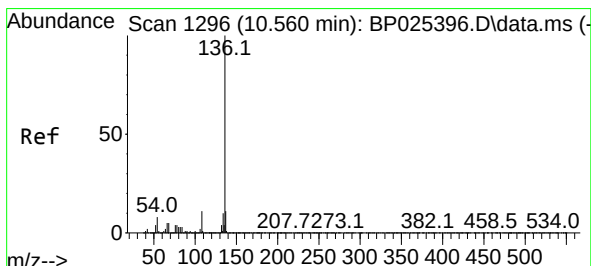
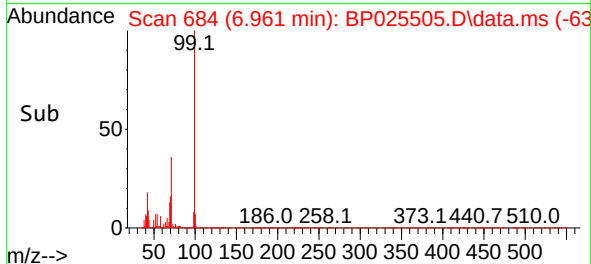
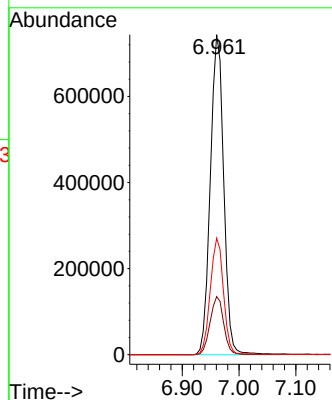
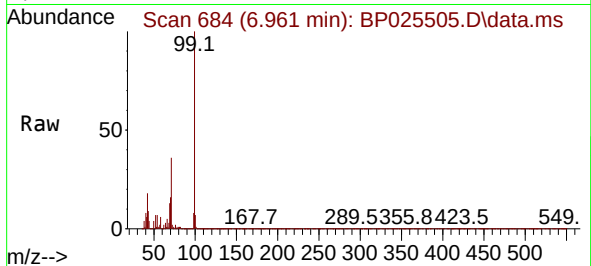




#7
Phenol-d6
Concen: 124.931 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025505.D
Acq: 20 Aug 2025 12:46

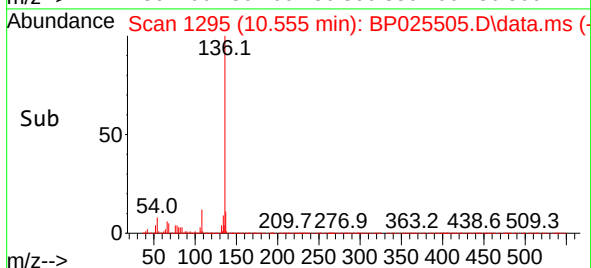
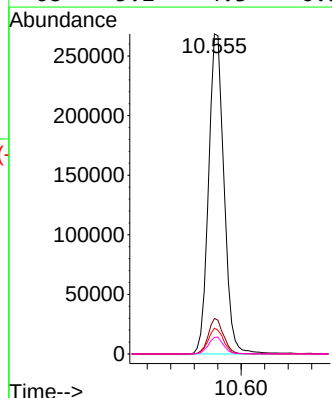
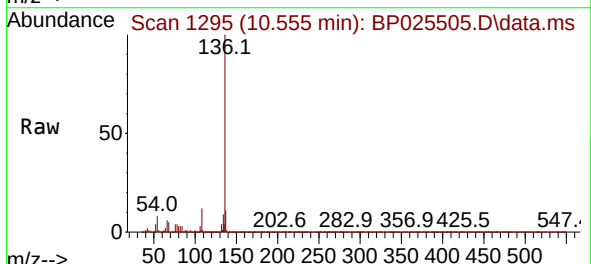
Instrument :
BNA_P
ClientSampleId :
PB169259BL

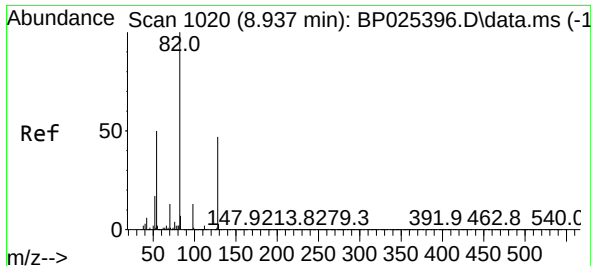
Tgt Ion: 99 Resp: 1212094
Ion Ratio Lower Upper
99 100
42 18.1 13.7 20.5
71 36.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025505.D
Acq: 20 Aug 2025 12:46

Tgt Ion: 136 Resp: 489801
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.0 6.0 9.0
68 5.2 4.3 6.5

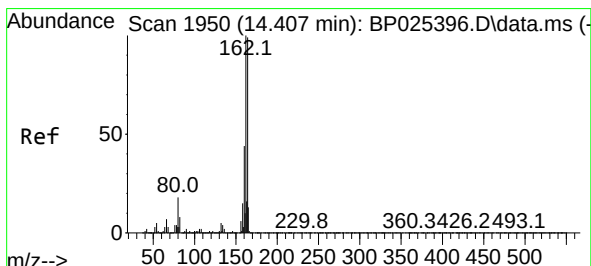
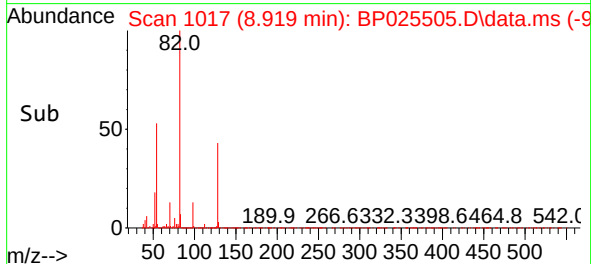
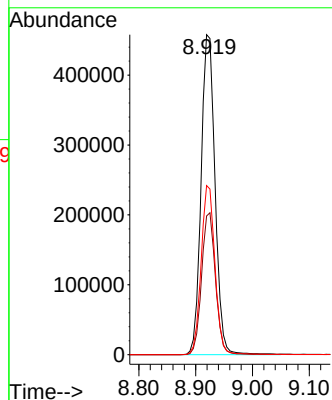
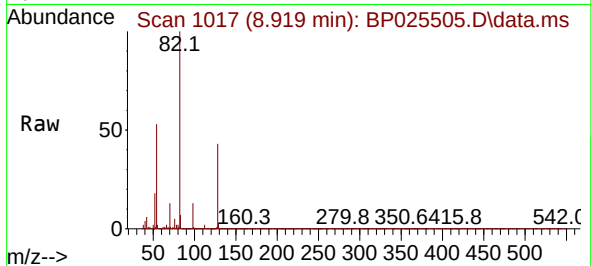




#23
Nitrobenzene-d5
Concen: 80.814 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025505.D
Acq: 20 Aug 2025 12:46

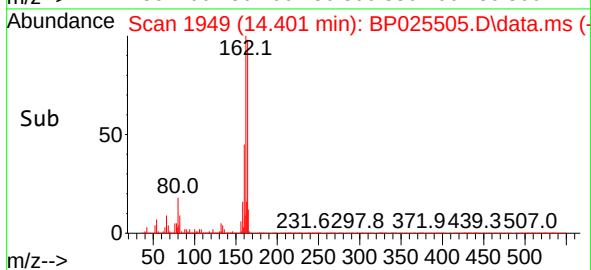
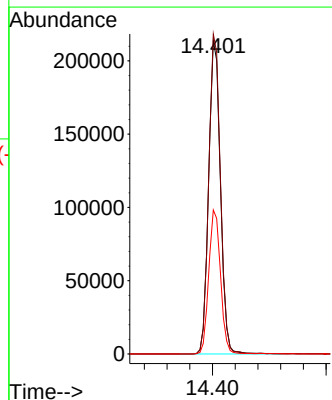
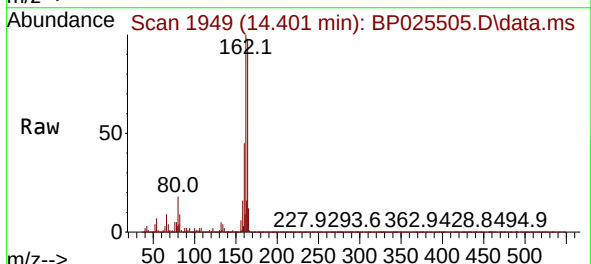
Instrument :
BNA_P
ClientSampleId :
PB169259BL

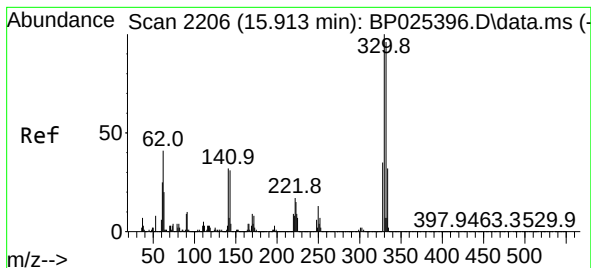
Tgt Ion: 82 Resp: 782493
Ion Ratio Lower Upper
82 100
128 43.4 37.7 56.5
54 52.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025505.D
Acq: 20 Aug 2025 12:46

Tgt Ion: 164 Resp: 305391
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.6
160 46.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 144.268 ng

RT: 15.919 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025505.D

Acq: 20 Aug 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB169259BL

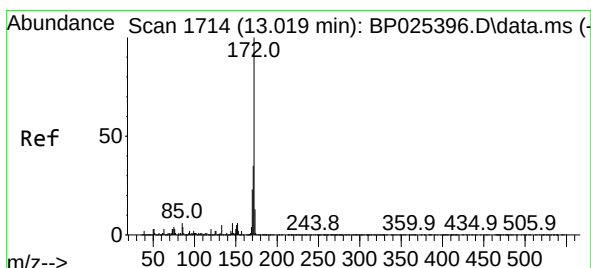
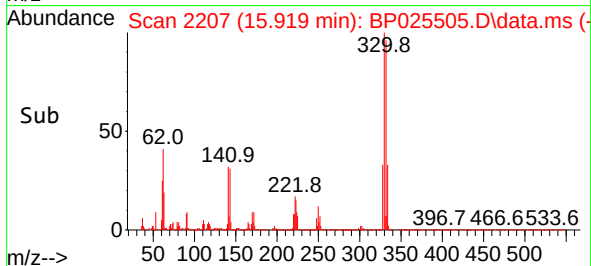
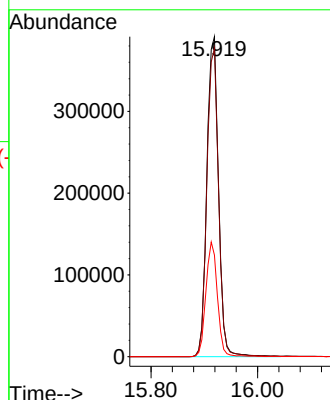
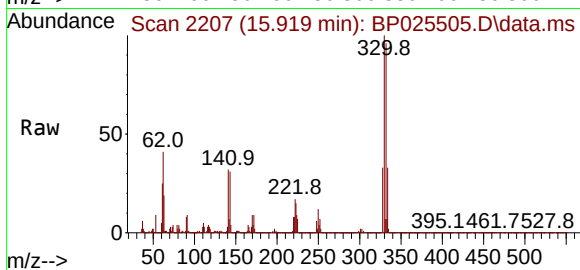
Tgt Ion:330 Resp: 593025

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 35.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 78.443 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025505.D

Acq: 20 Aug 2025 12:46

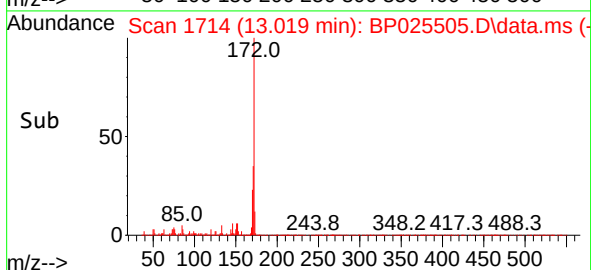
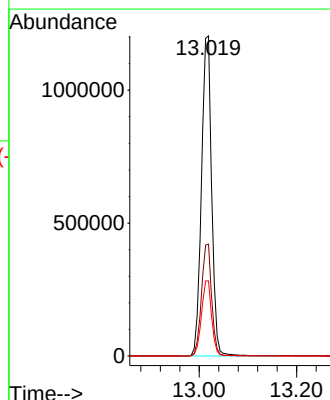
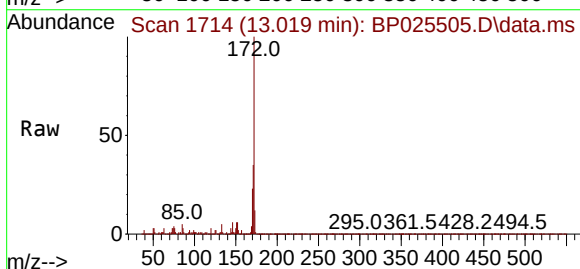
Tgt Ion:172 Resp: 1752838

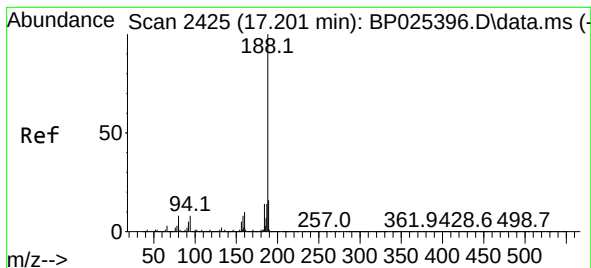
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP025505.D

Acq: 20 Aug 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB169259BL

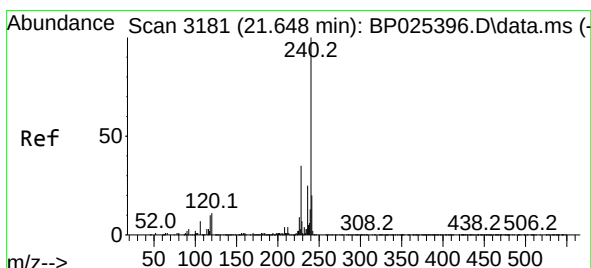
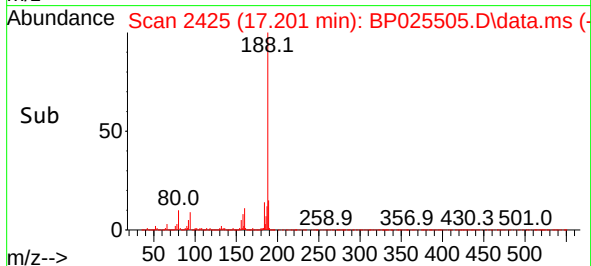
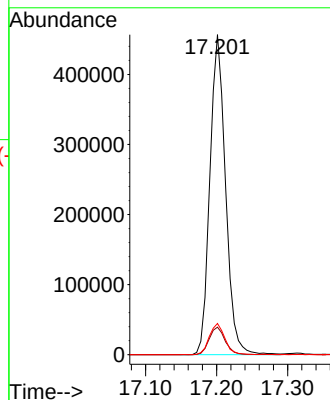
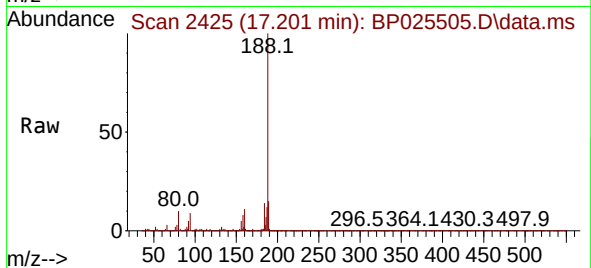
Tgt Ion:188 Resp: 700234

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.8 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: BP025505.D

Acq: 20 Aug 2025 12:46

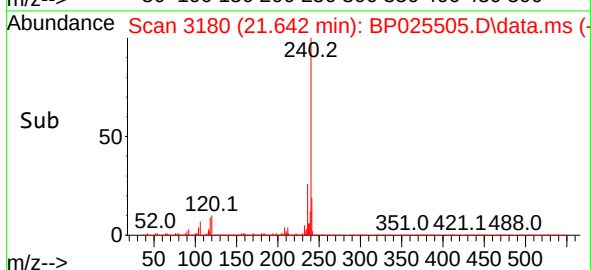
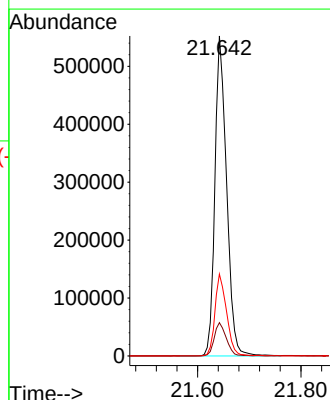
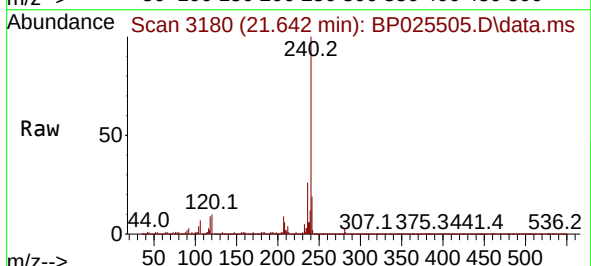
Tgt Ion:240 Resp: 868226

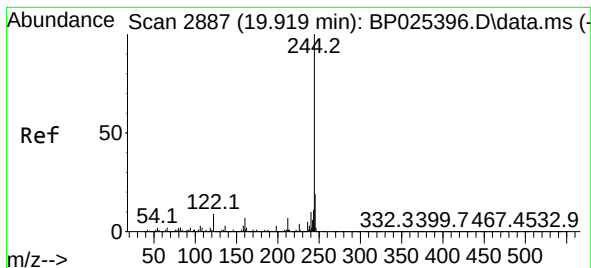
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 74.617 ng

RT: 19.930 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025505.D

Acq: 20 Aug 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB169259BL

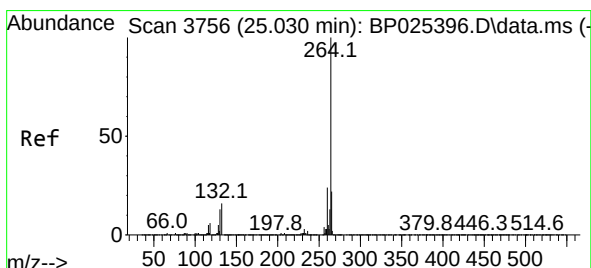
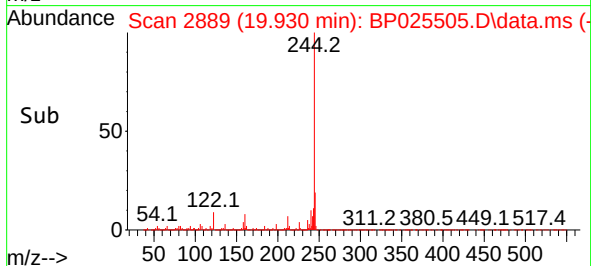
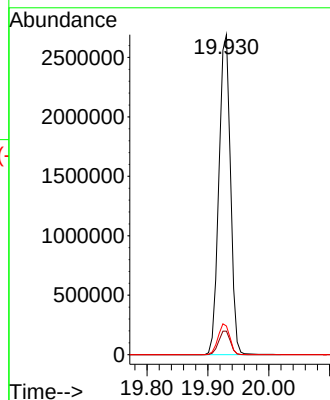
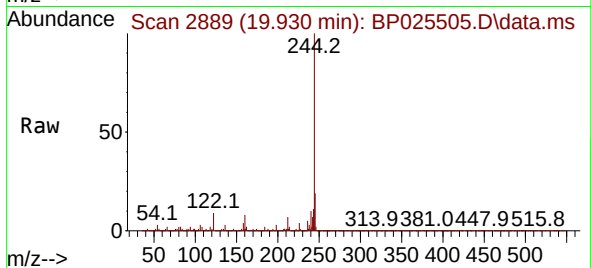
Tgt Ion:244 Resp: 3540974

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 8.9 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.018 min Scan# 3754

Delta R.T. -0.012 min

Lab File: BP025505.D

Acq: 20 Aug 2025 12:46

Tgt Ion:264 Resp: 927677

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 22.6 17.4 26.0

