

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025488.D
 Acq On : 20 Aug 2025 00:27
 Operator : CG/JU
 Sample : PB169242BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169242BL

Quant Time: Aug 20 02:27:19 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	158125	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	604850	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	392339	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	837745	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	919387	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1036555	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1319499	138.580	ng	0.00
7) Phenol-d6	6.966	99	1613671	132.187	ng	0.00
23) Nitrobenzene-d5	8.931	82	1062397	88.852	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	767171	145.272	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2369901	82.554	ng	0.00
79) Terphenyl-d14	19.907	244	4185704	83.295	ng	-0.01

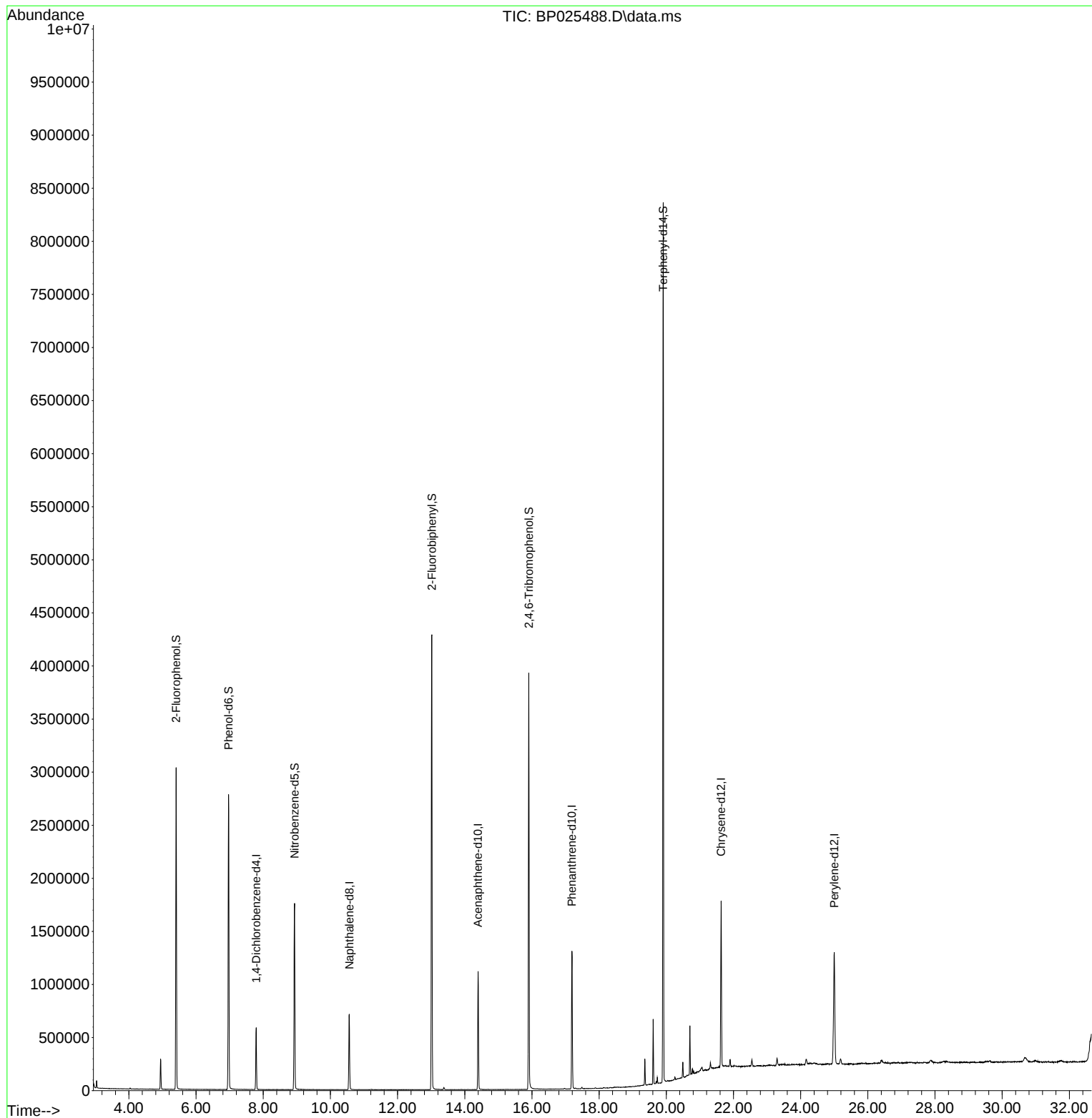
Target Compounds	Qvalue

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

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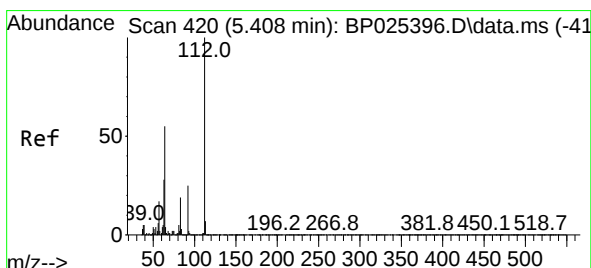
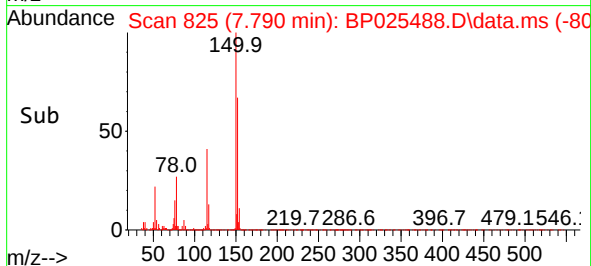
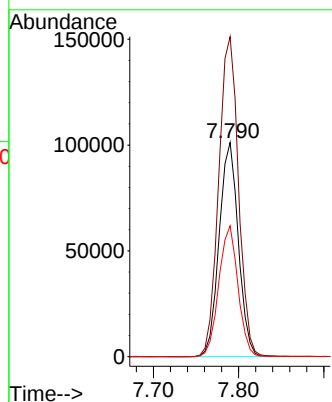
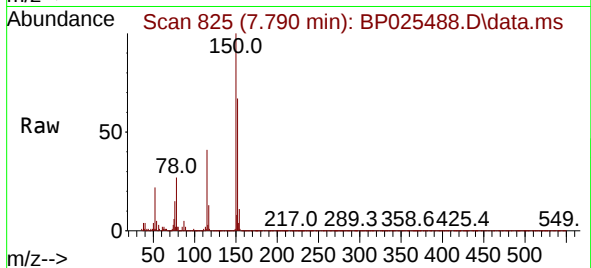




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025488.D
Acq: 20 Aug 2025 00:27

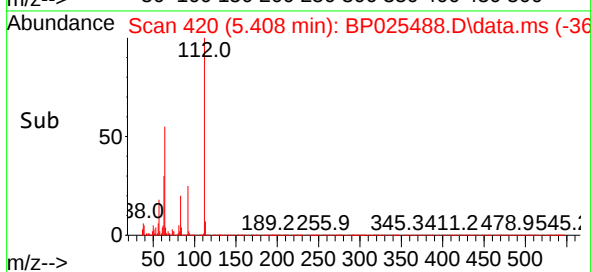
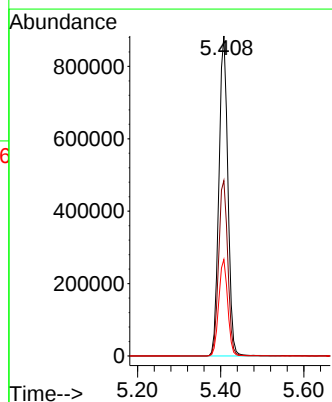
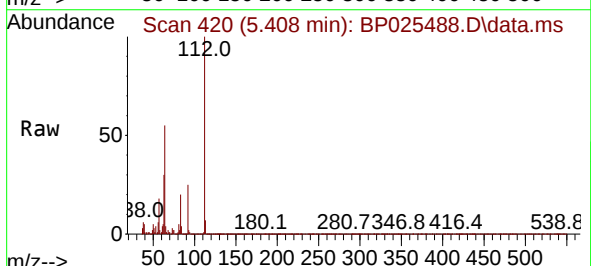
Instrument :
BNA_P
ClientSampleId :
PB169242BL

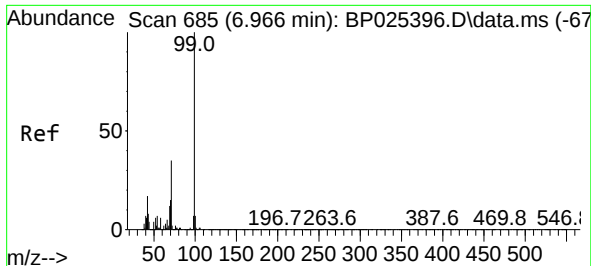
Tgt Ion:152 Resp: 158125
Ion Ratio Lower Upper
152 100
150 149.4 125.9 188.9
115 61.1 48.5 72.7



#5
2-Fluorophenol
Concen: 138.580 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025488.D
Acq: 20 Aug 2025 00:27

Tgt Ion:112 Resp: 1319499
Ion Ratio Lower Upper
112 100
64 54.8 43.8 65.8
63 30.2 22.7 34.1



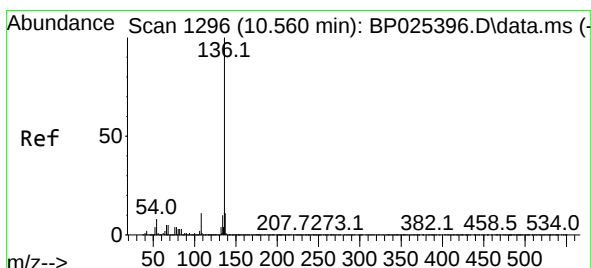
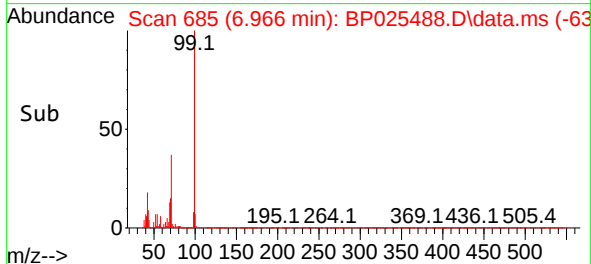
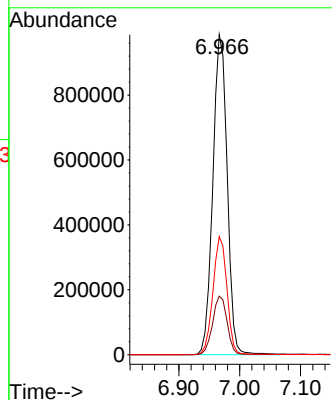
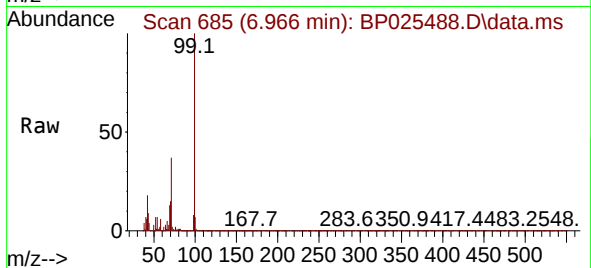


#7
Phenol-d6
Concen: 132.187 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025488.D
Acq: 20 Aug 2025 00:27

Instrument :
BNA_P
ClientSampleId :
PB169242BL

Tgt Ion: 99 Resp: 1613671

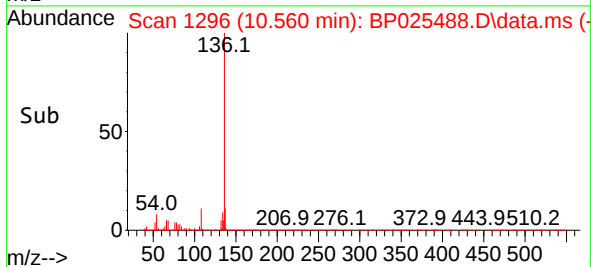
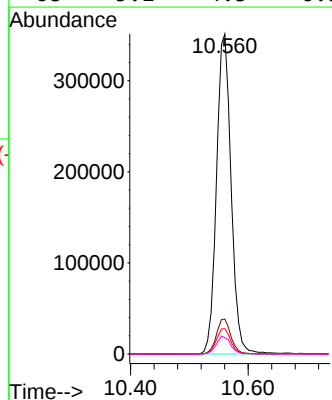
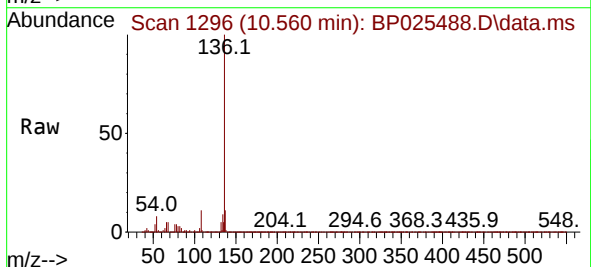
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	36.9	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025488.D
Acq: 20 Aug 2025 00:27

Tgt Ion: 136 Resp: 604850

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.3	6.0	9.0
68	5.1	4.3	6.5

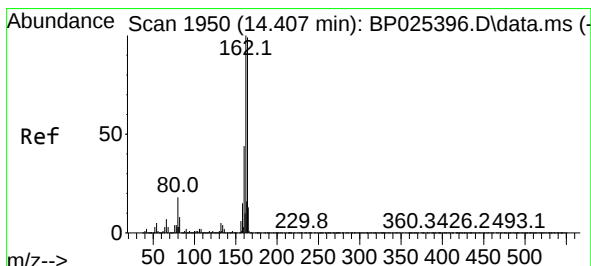
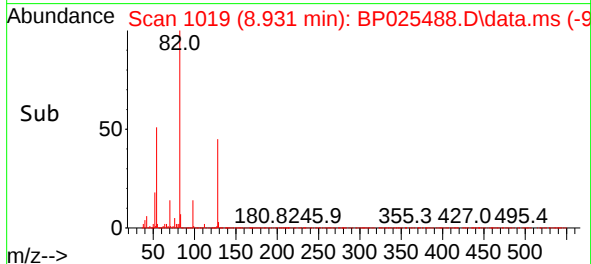
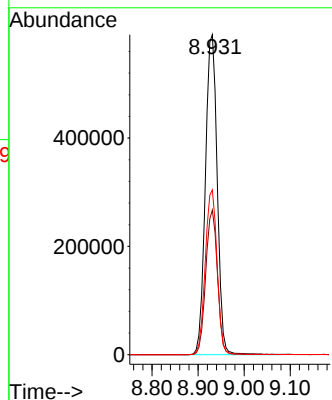
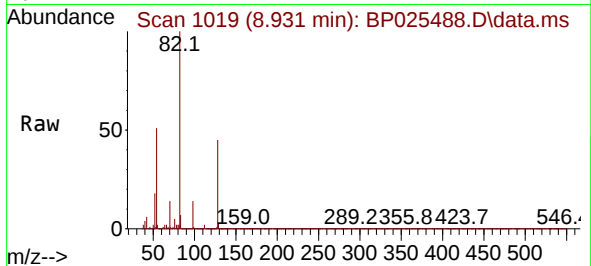




#23
Nitrobenzene-d5
Concen: 88.852 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025488.D
Acq: 20 Aug 2025 00:27

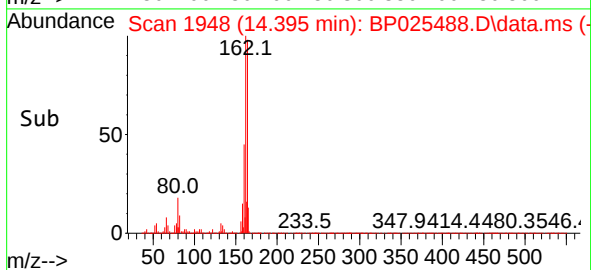
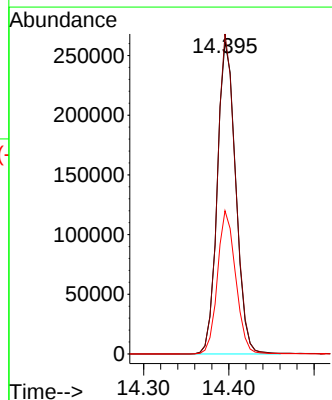
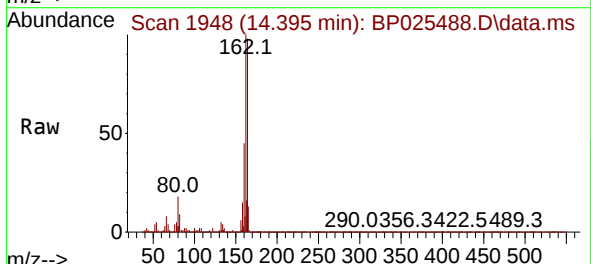
Instrument :
BNA_P
ClientSampleId :
PB169242BL

Tgt Ion: 82 Resp: 1062397
Ion Ratio Lower Upper
82 100
128 45.2 37.7 56.5
54 51.5 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: BP025488.D
Acq: 20 Aug 2025 00:27

Tgt Ion:164 Resp: 392339
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 45.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 145.272 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025488.D

Acq: 20 Aug 2025 00:27

Instrument :

BNA_P

ClientSampleId :

PB169242BL

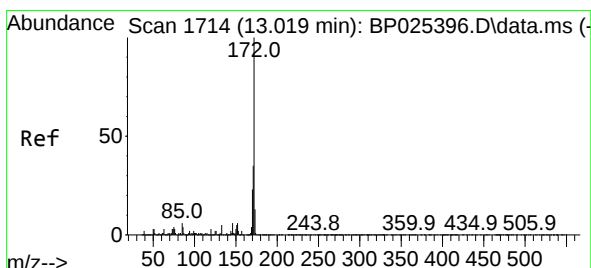
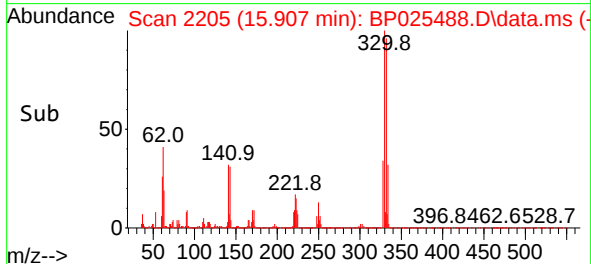
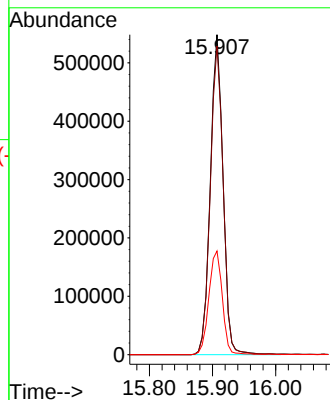
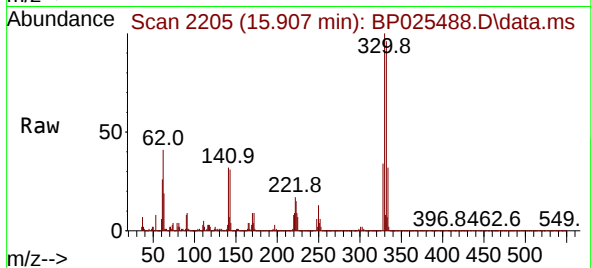
Tgt Ion:330 Resp: 767171

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 34.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 82.554 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025488.D

Acq: 20 Aug 2025 00:27

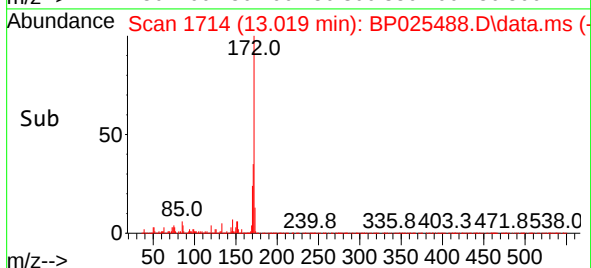
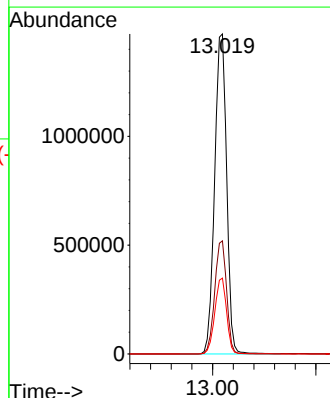
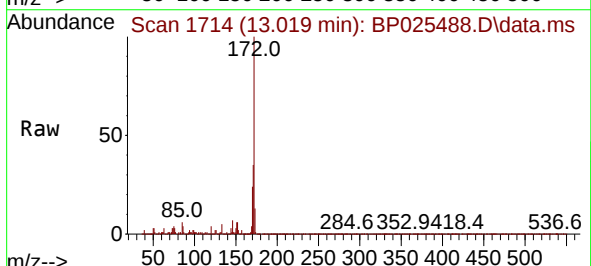
Tgt Ion:172 Resp: 2369901

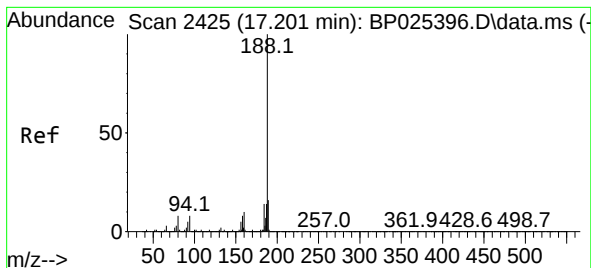
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP025488.D

Acq: 20 Aug 2025 00:27

Instrument :

BNA_P

ClientSampleId :

PB169242BL

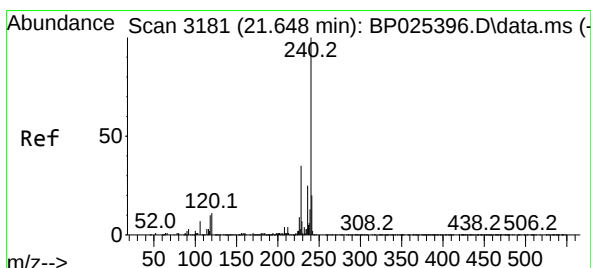
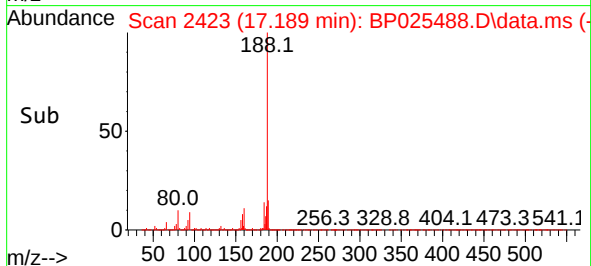
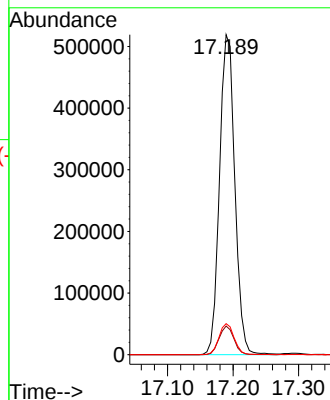
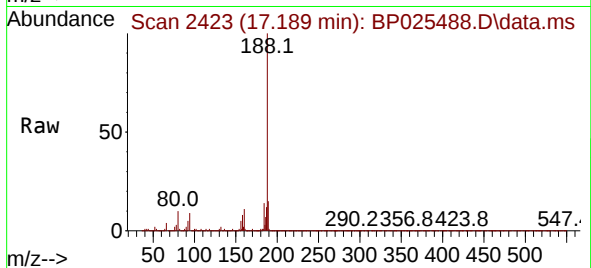
Tgt Ion:188 Resp: 837745

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.017 min

Lab File: BP025488.D

Acq: 20 Aug 2025 00:27

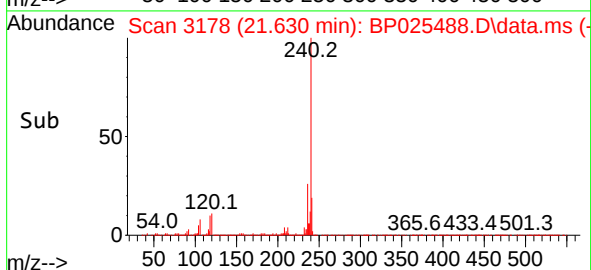
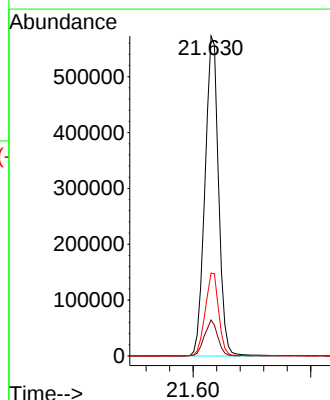
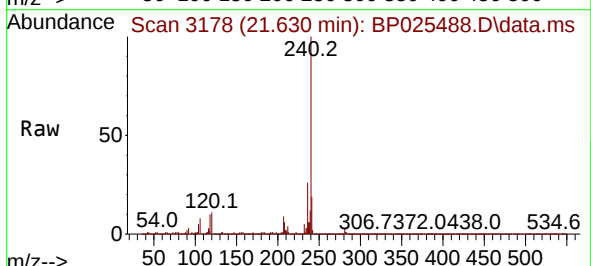
Tgt Ion:240 Resp: 919387

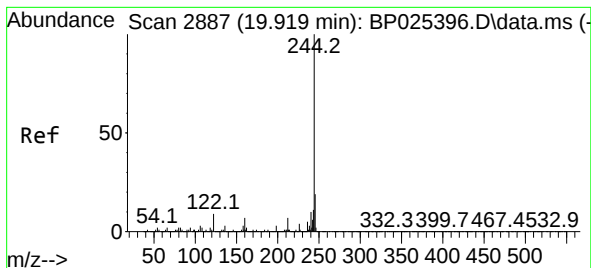
Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 83.295 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025488.D

Acq: 20 Aug 2025 00:27

Instrument :

BNA_P

ClientSampleId :

PB169242BL

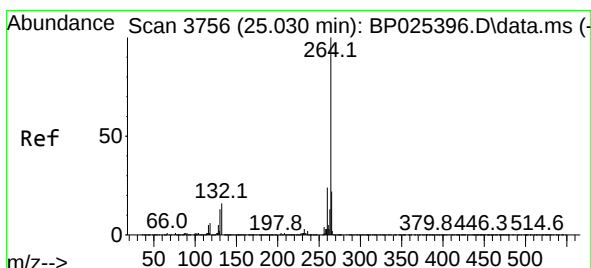
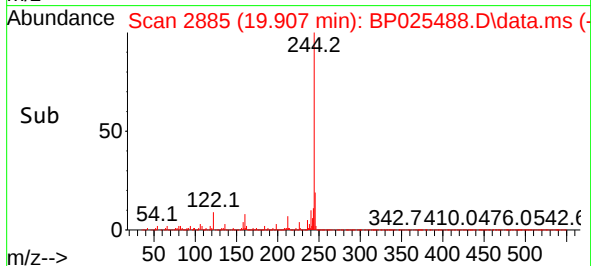
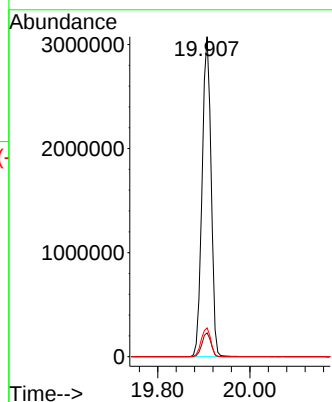
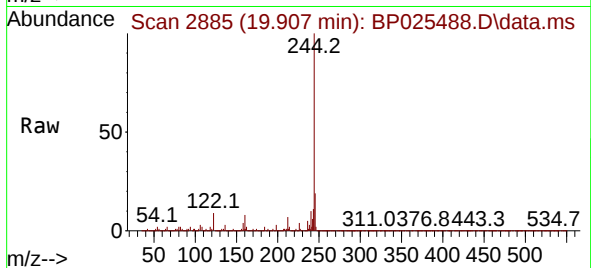
Tgt Ion:244 Resp: 4185704

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3751

Delta R.T. -0.029 min

Lab File: BP025488.D

Acq: 20 Aug 2025 00:27

Tgt Ion:264 Resp: 1036555

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.1 17.4 26.0

