

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
 Data File : BP026225.D
 Acq On : 03 Dec 2025 13:34
 Operator : RC/JU
 Sample : PB170797BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170797BL

Quant Time: Dec 03 13:54:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	285794	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1072097	20.000	ng	-0.03
39) Acenaphthene-d10	14.290	164	645861	20.000	ng	-0.04
64) Phenanthrene-d10	17.090	188	1175124	20.000	ng	-0.04
76) Chrysene-d12	21.536	240	1097045	20.000	ng	-0.04
86) Perylene-d12	24.830	264	1301681	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2324066	130.525	ng	0.00
7) Phenol-d6	6.843	99	2734272	120.624	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1640191	86.901	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	1106711	132.091	ng	-0.03
45) 2-Fluorobiphenyl	12.902	172	4100213	93.042	ng	-0.03
79) Terphenyl-d14	19.836	244	5212327	96.880	ng	-0.04

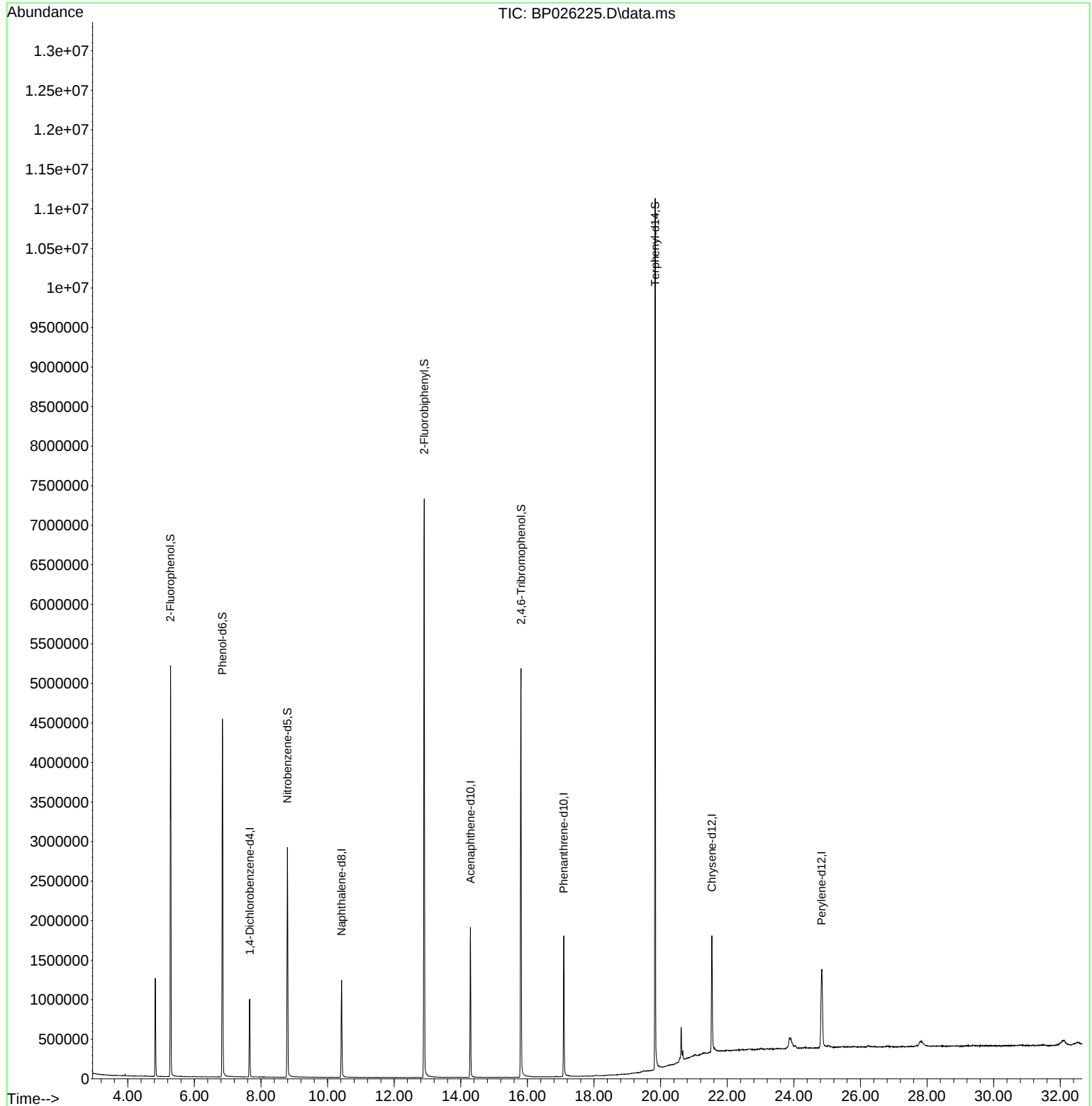
Target Compounds	Qvalue

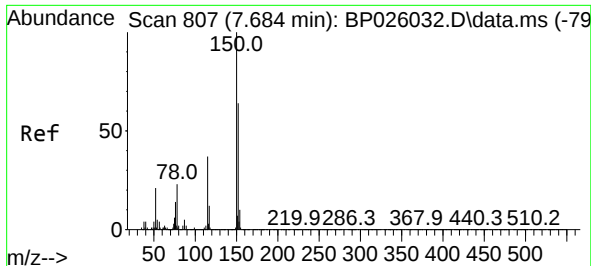
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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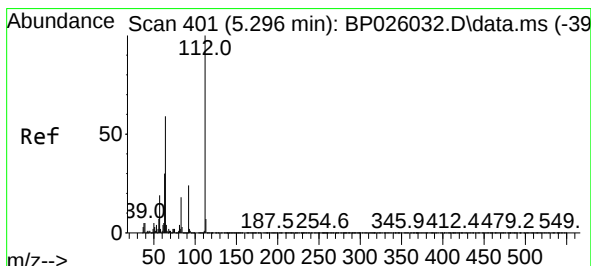
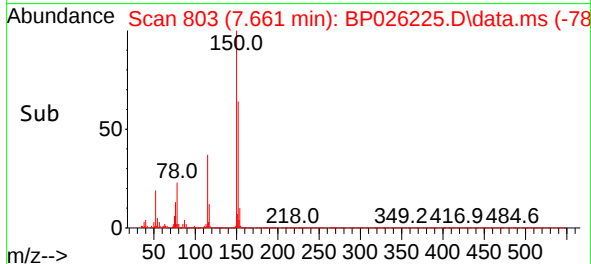
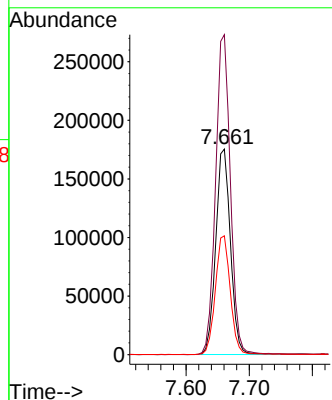
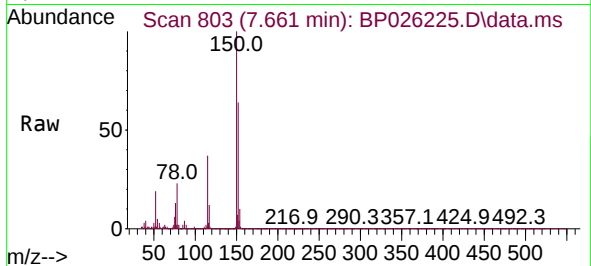




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

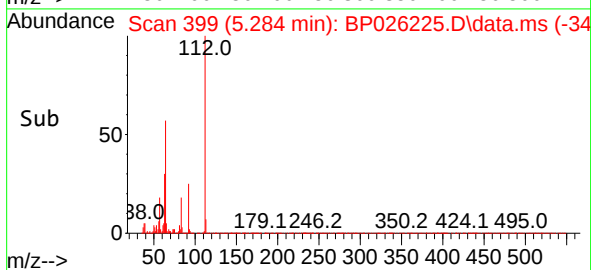
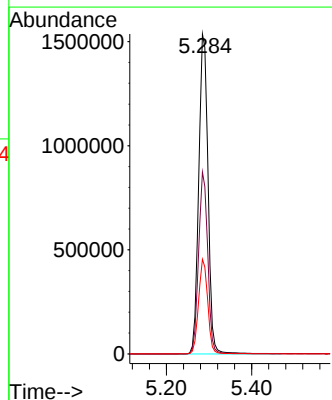
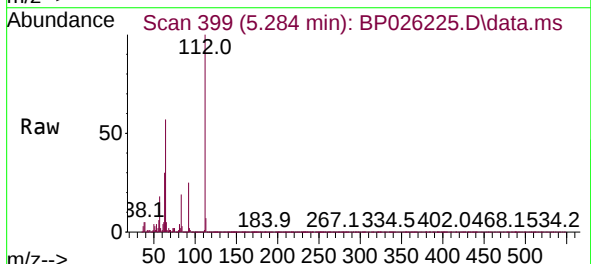
Instrument :
BNA_P
ClientSampleId :
PB170797BL

Tgt Ion:152 Resp: 285794
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.6
115 57.9 46.3 69.5



#5
2-Fluorophenol
Concen: 130.525 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Tgt Ion:112 Resp: 2324066
Ion Ratio Lower Upper
112 100
64 56.8 45.8 68.6
63 29.6 23.5 35.3

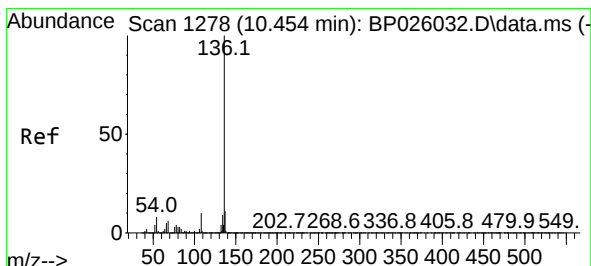
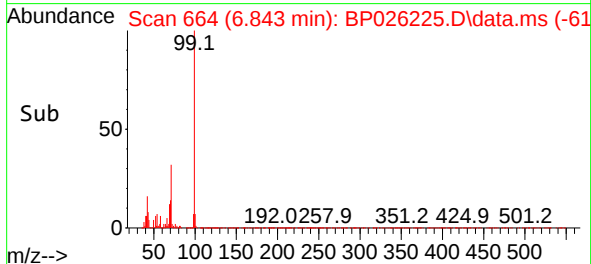
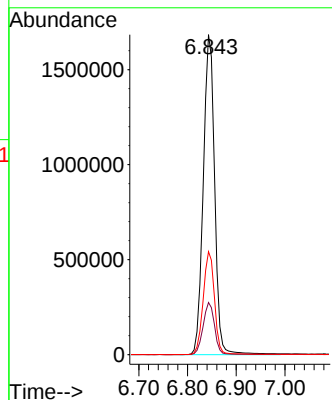
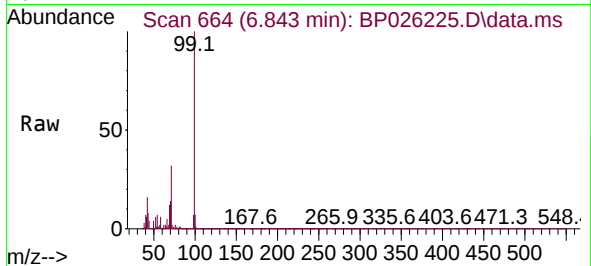




#7
Phenol-d6
Concen: 120.624 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.011 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

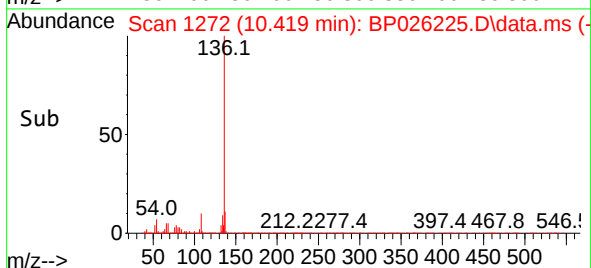
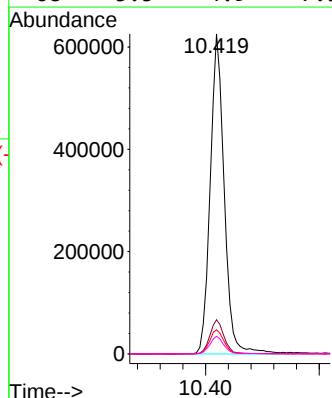
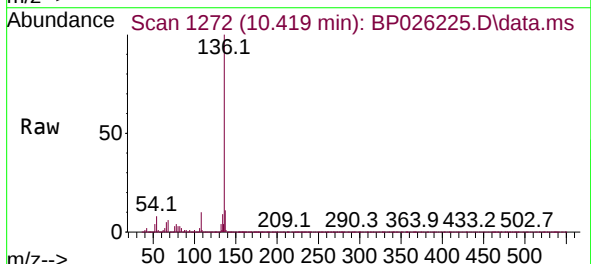
Instrument :
BNA_P
ClientSampleId :
PB170797BL

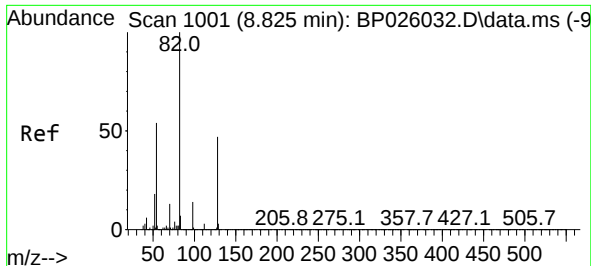
Tgt Ion: 99 Resp: 2734272
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 32.2 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.029 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Tgt Ion:136 Resp: 1072097
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.5 6.4 9.6
68 5.5 4.9 7.3

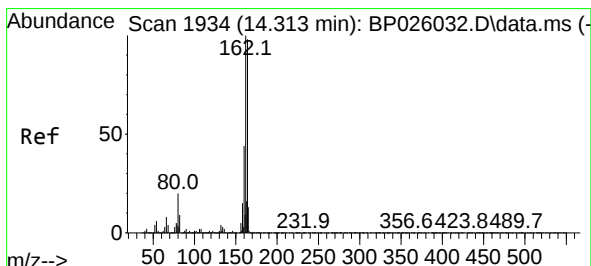
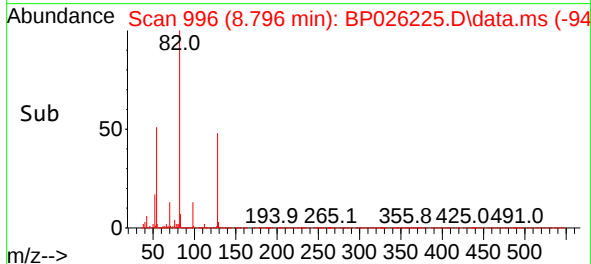
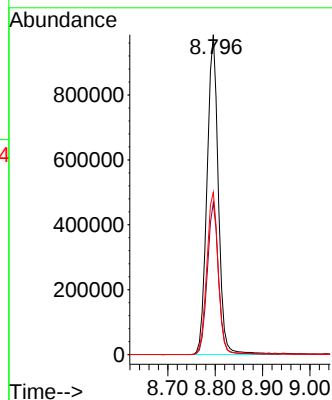
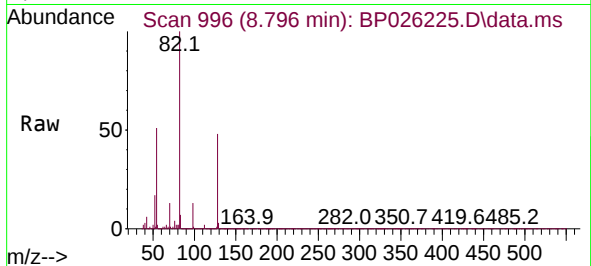




#23
Nitrobenzene-d5
Concen: 86.901 ng
RT: 8.796 min Scan# 99
Delta R.T. -0.017 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

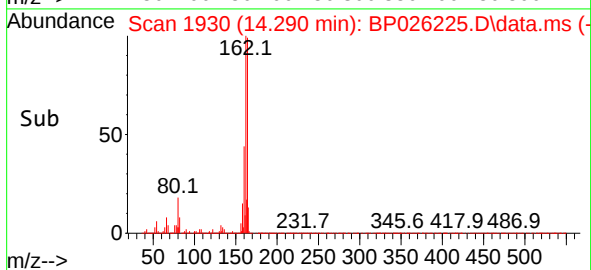
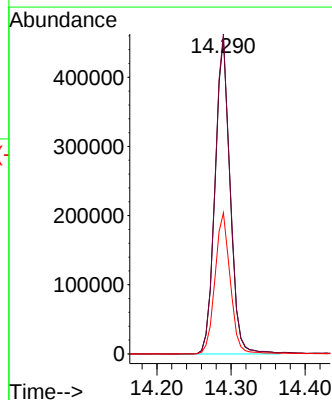
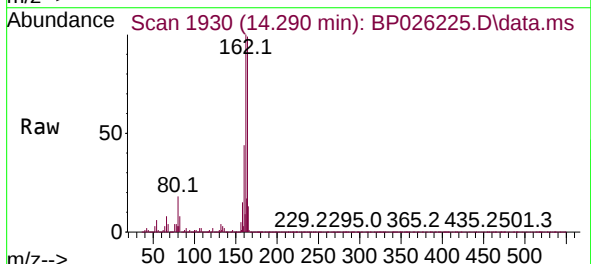
Instrument :
BNA_P
ClientSampleId :
PB170797BL

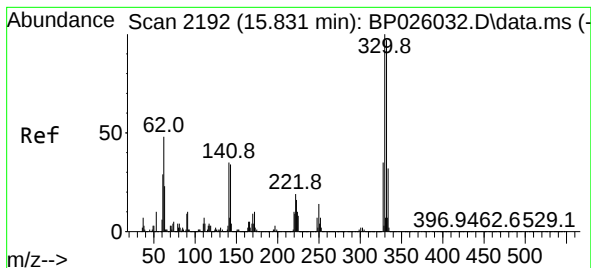
Tgt Ion: 82 Resp: 1640191
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 50.7 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.035 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Tgt Ion:164 Resp: 645861
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 44.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 132.091 ng

RT: 15.807 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP026225.D

Acq: 03 Dec 2025 13:34

Instrument :

BNA_P

ClientSampleId :

PB170797BL

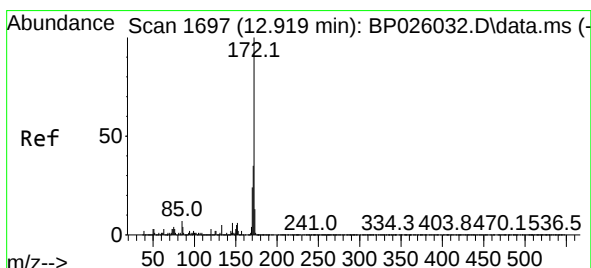
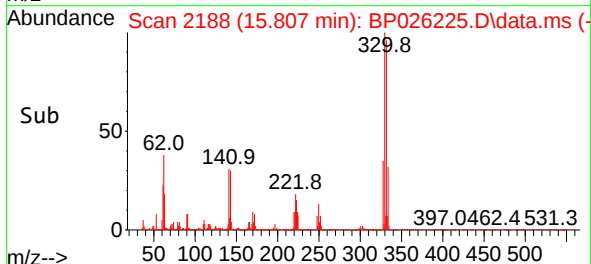
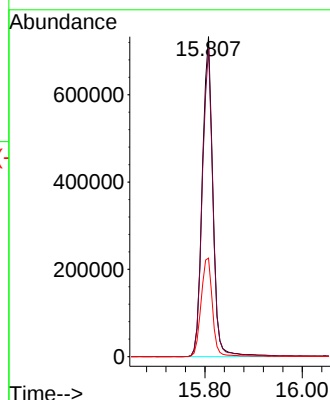
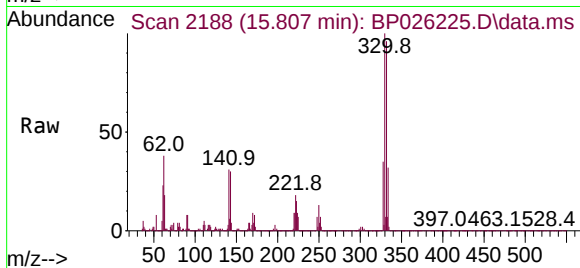
Tgt Ion:330 Resp: 1106711

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 33.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 93.042 ng

RT: 12.902 min Scan# 1694

Delta R.T. -0.029 min

Lab File: BP026225.D

Acq: 03 Dec 2025 13:34

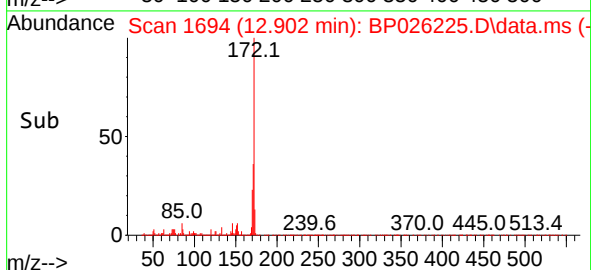
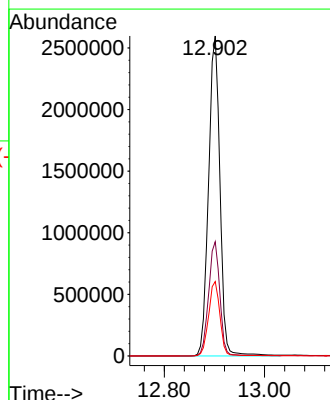
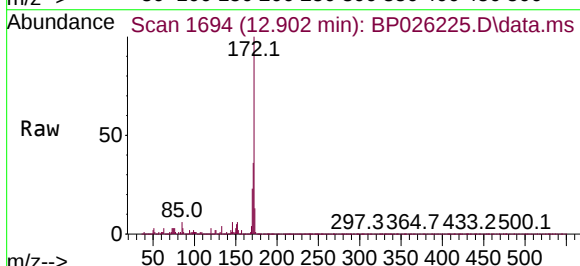
Tgt Ion:172 Resp: 4100213

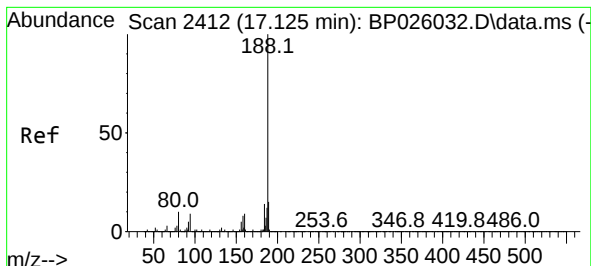
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.090 min Scan# 2412

Delta R.T. -0.041 min

Lab File: BP026225.D

Acq: 03 Dec 2025 13:34

Instrument :

BNA_P

ClientSampleId :

PB170797BL

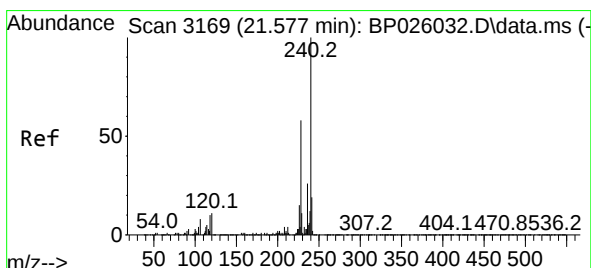
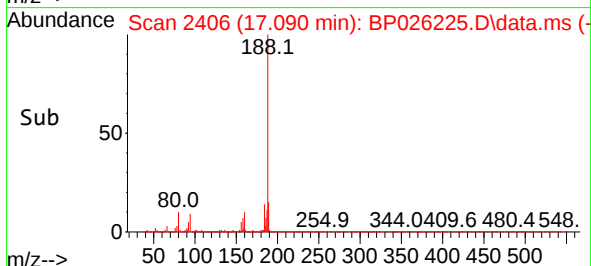
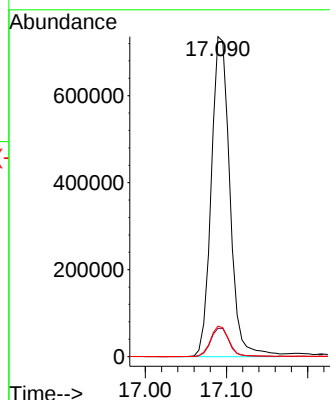
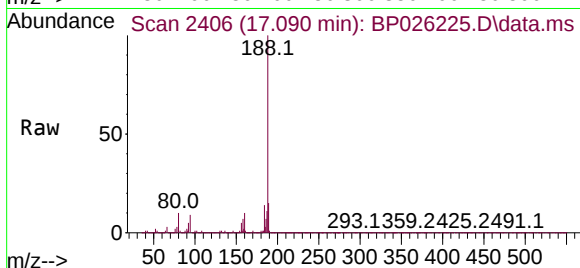
Tgt Ion:188 Resp: 1175124

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 9.5 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.035 min

Lab File: BP026225.D

Acq: 03 Dec 2025 13:34

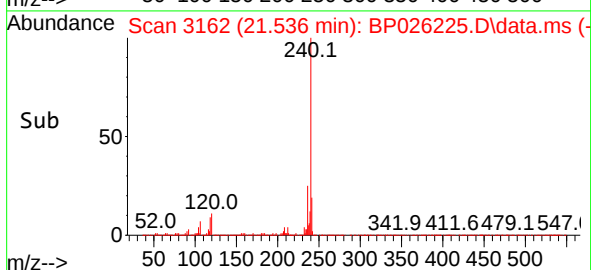
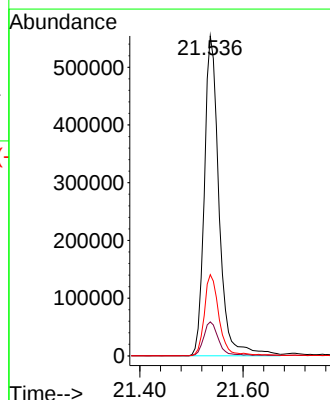
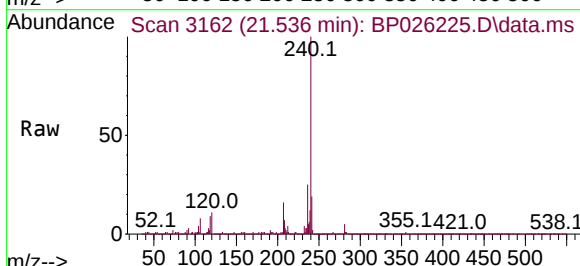
Tgt Ion:240 Resp: 1097045

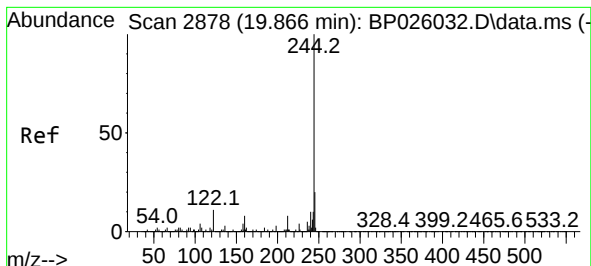
Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 96.880 ng

RT: 19.836 min Scan# 2873

Delta R.T. -0.035 min

Lab File: BP026225.D

Acq: 03 Dec 2025 13:34

Instrument :

BNA_P

ClientSampleId :

PB170797BL

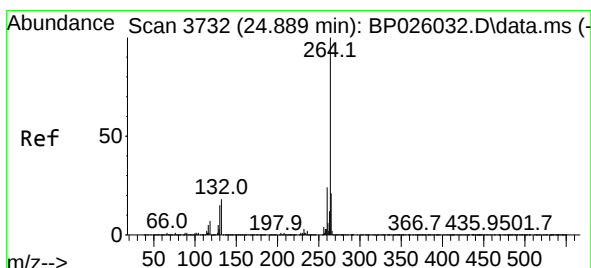
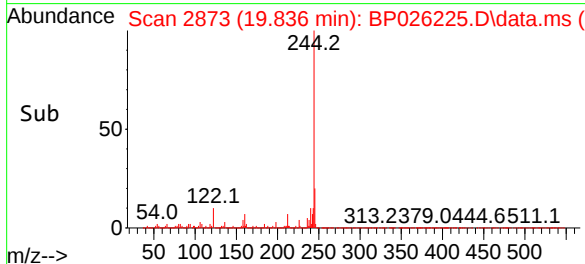
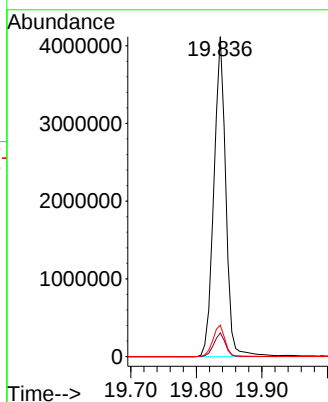
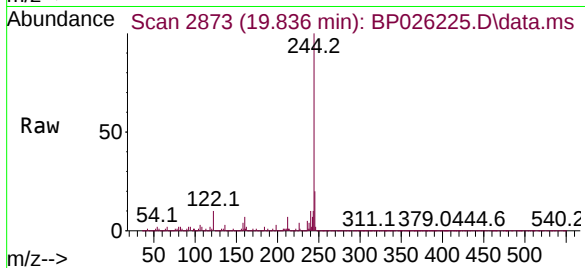
Tgt Ion:244 Resp: 5212327

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 9.8 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.076 min

Lab File: BP026225.D

Acq: 03 Dec 2025 13:34

Tgt Ion:264 Resp: 1301681

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.8 17.5 26.3

