

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026056.D
 Acq On : 03 Nov 2025 13:21
 Operator : RC/JU
 Sample : PB170346BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170346BL

Quant Time: Nov 03 13:42:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	300167	20.000	ng	-0.04
21) Naphthalene-d8	10.431	136	1149841	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	696390	20.000	ng	-0.01
64) Phenanthrene-d10	17.113	188	1482446	20.000	ng	-0.01
76) Chrysene-d12	21.577	240	1619683	20.000	ng	0.01
86) Perylene-d12	24.900	264	1773681	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	2326638	127.901	ng	-0.02
7) Phenol-d6	6.819	99	2823741	121.958	ng	-0.04
23) Nitrobenzene-d5	8.795	82	1584105	85.884	ng	-0.03
42) 2,4,6-Tribromophenol	15.830	330	974368	129.421	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	4022471	82.999	ng	-0.02
79) Terphenyl-d14	19.871	244	6941237	87.069	ng	0.00

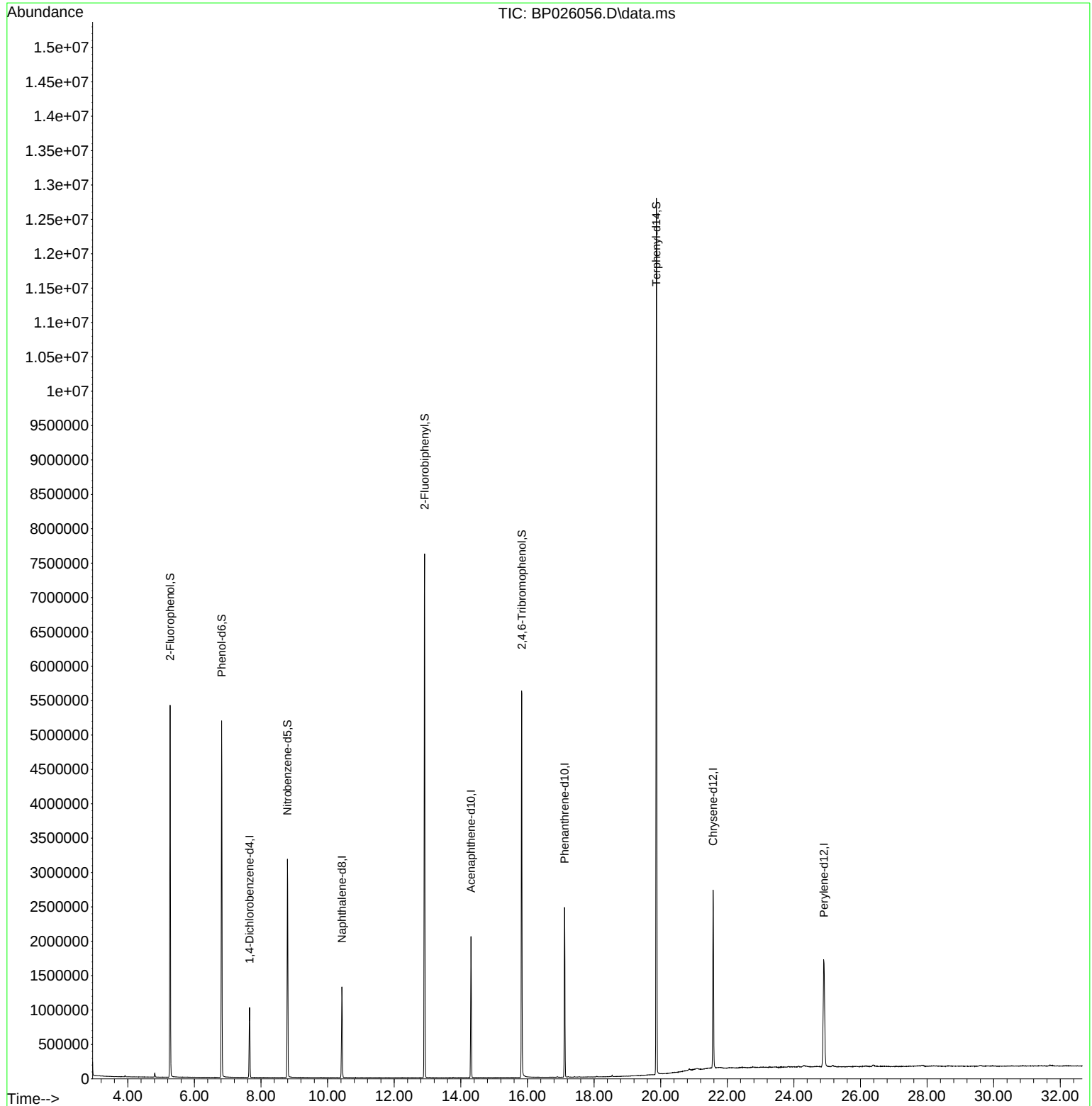
Target Compounds	Qvalue

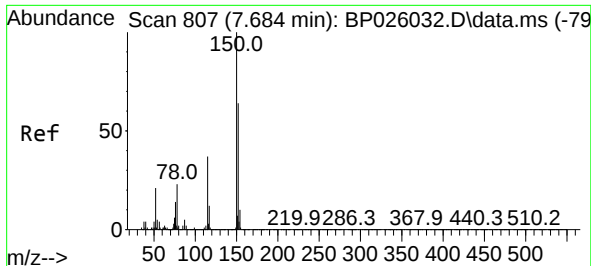
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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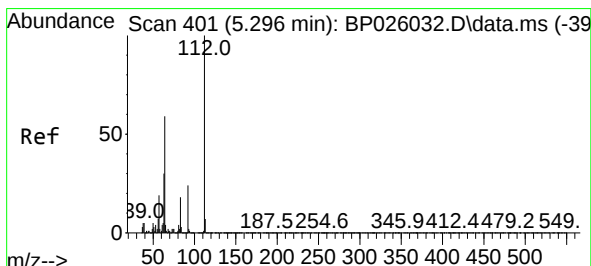
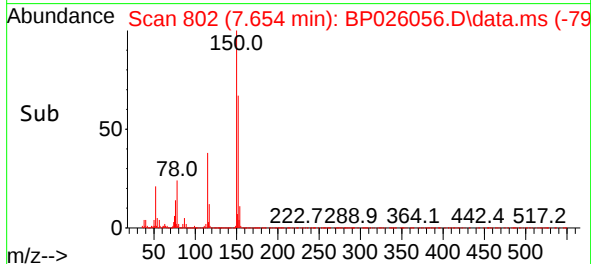
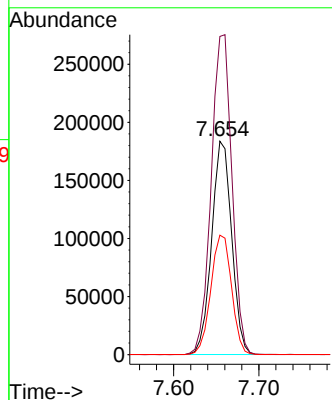
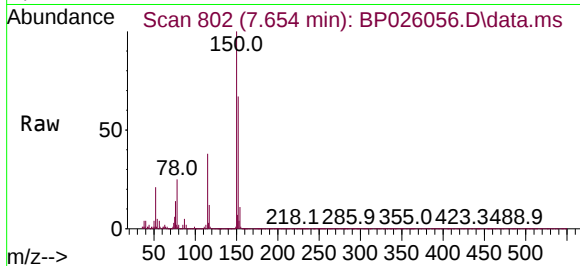




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 80
Delta R.T. -0.036 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

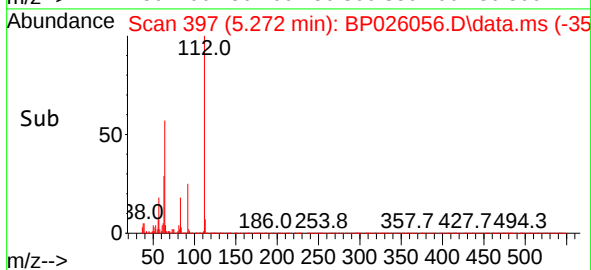
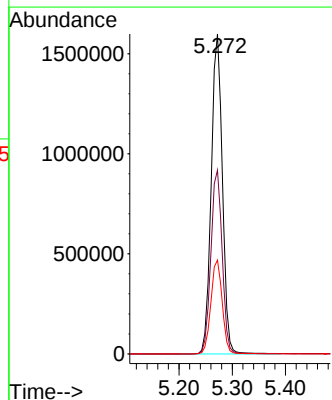
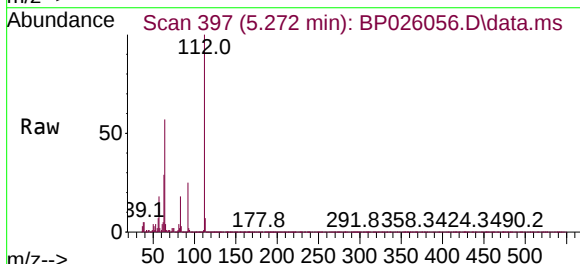
Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:152 Resp: 300167
Ion Ratio Lower Upper
152 100
150 149.1 125.7 188.5
115 56.0 46.4 69.6



#5
2-Fluorophenol
Concen: 127.901 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.024 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

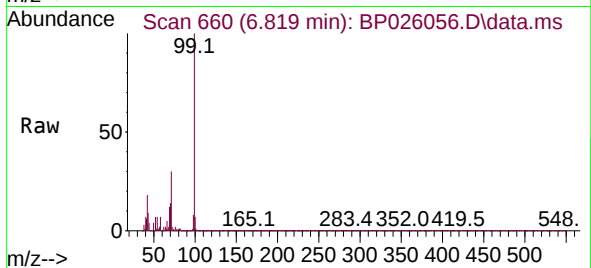
Tgt Ion:112 Resp: 2326638
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 29.3 24.2 36.4



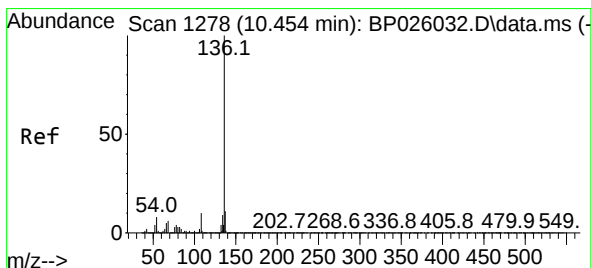
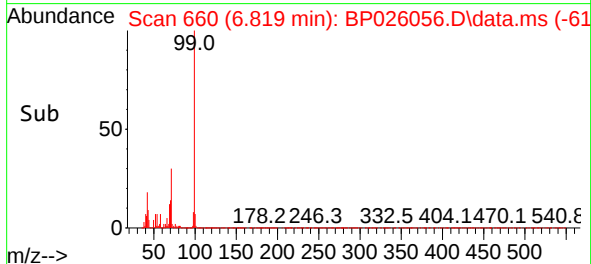
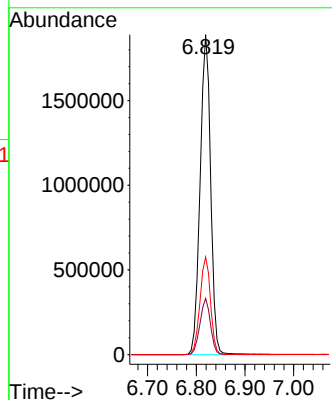


#7
Phenol-d6
Concen: 121.958 ng
RT: 6.819 min Scan# 60
Delta R.T. -0.035 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

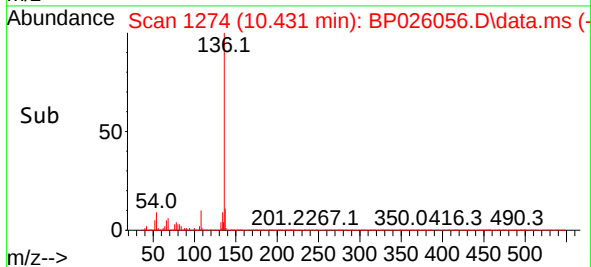
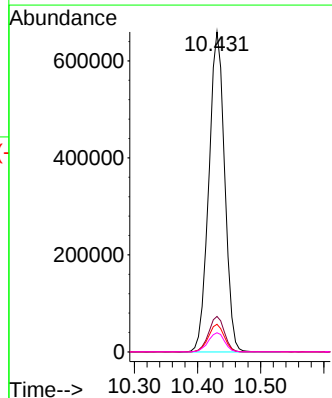
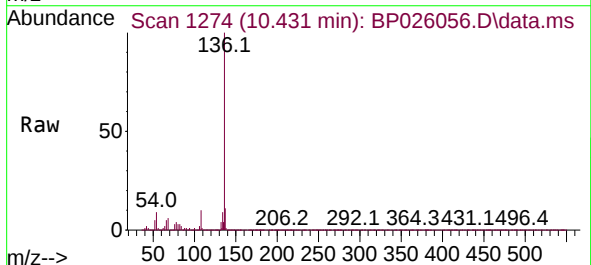


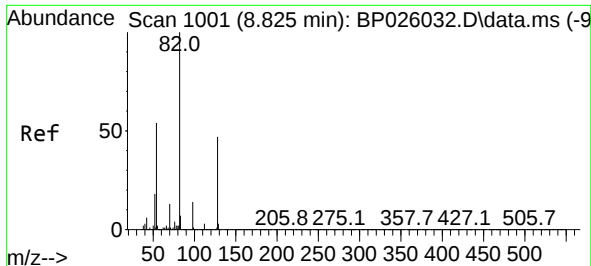
Tgt Ion: 99 Resp: 2823741
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.023 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion: 136 Resp: 1149841
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 6.6 10.0
68 6.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 85.884 ng

RT: 8.795 min Scan# 99

Delta R.T. -0.029 min

Lab File: BP026056.D

Acq: 03 Nov 2025 13:21

Instrument :

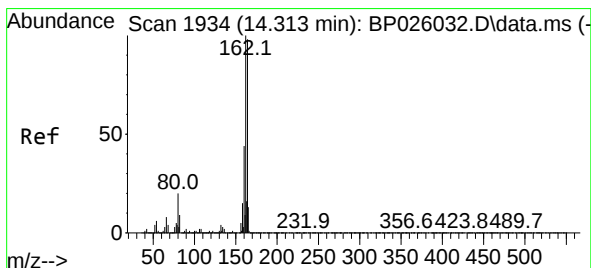
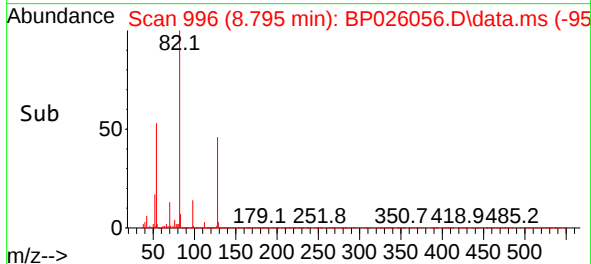
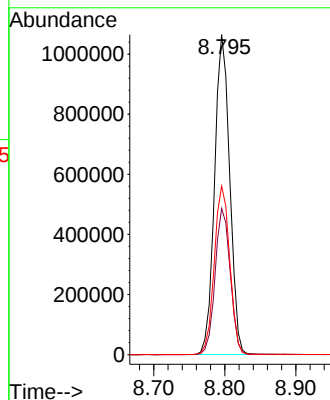
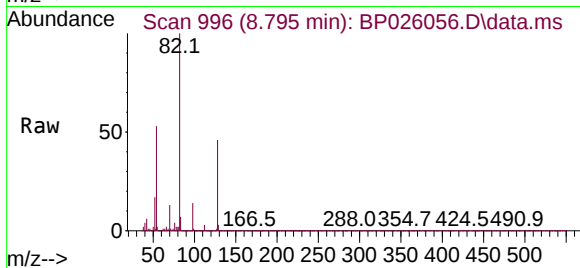
BNA_P

ClientSampleId :

PB170346BL

Tgt Ion: 82 Resp: 1584105

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.4	56.0
54	52.7	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.307 min Scan# 1933

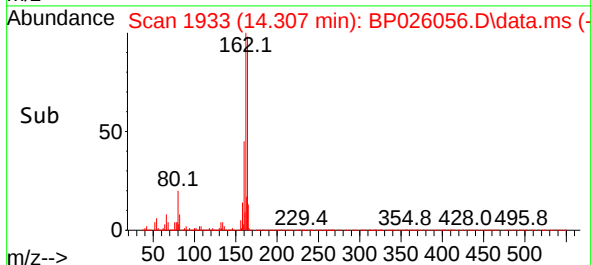
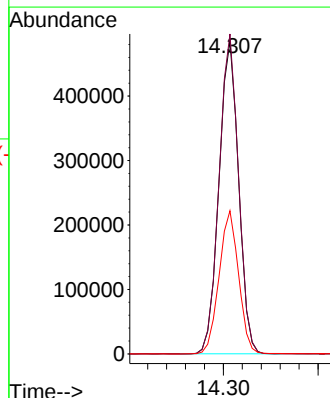
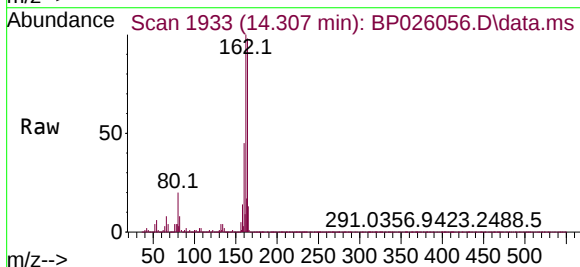
Delta R.T. -0.012 min

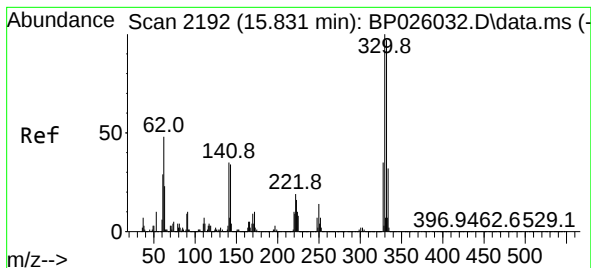
Lab File: BP026056.D

Acq: 03 Nov 2025 13:21

Tgt Ion: 164 Resp: 696390

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.5	122.3
160	45.8	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 129.421 ng

RT: 15.830 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP026056.D

Acq: 03 Nov 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB170346BL

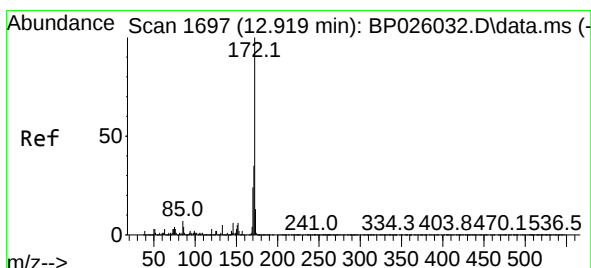
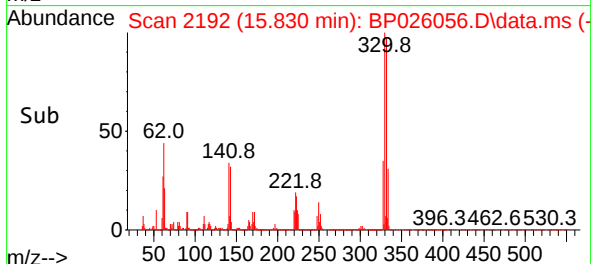
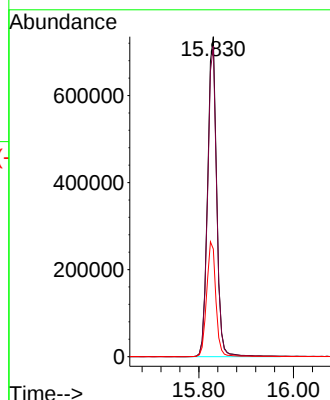
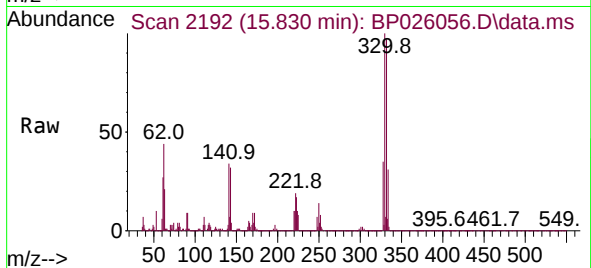
Tgt Ion:330 Resp: 974368

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 36.6 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 82.999 ng

RT: 12.913 min Scan# 1696

Delta R.T. -0.018 min

Lab File: BP026056.D

Acq: 03 Nov 2025 13:21

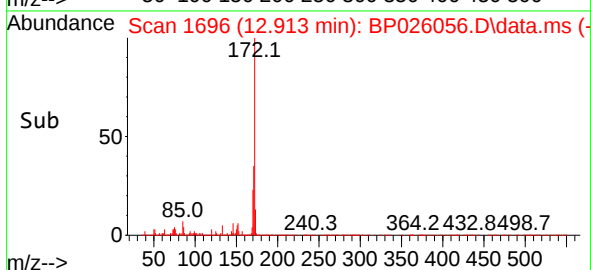
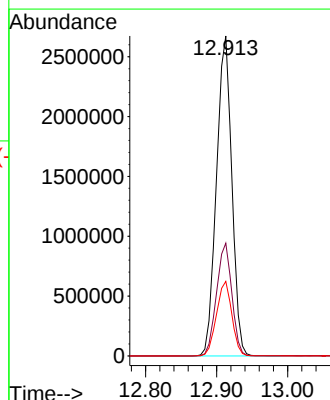
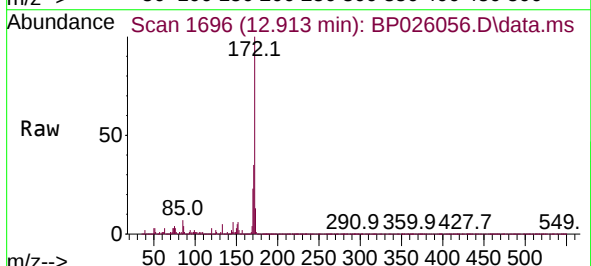
Tgt Ion:172 Resp: 4022471

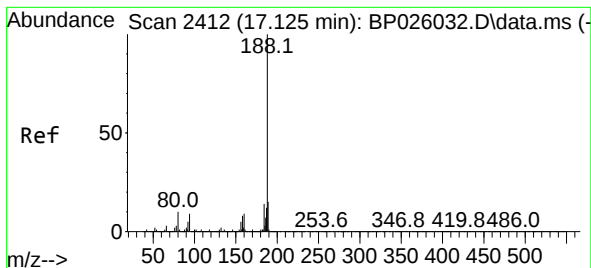
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.113 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP026056.D

Acq: 03 Nov 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB170346BL

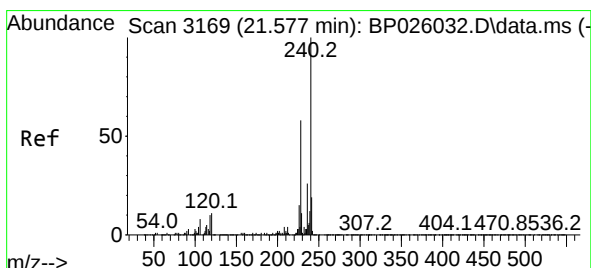
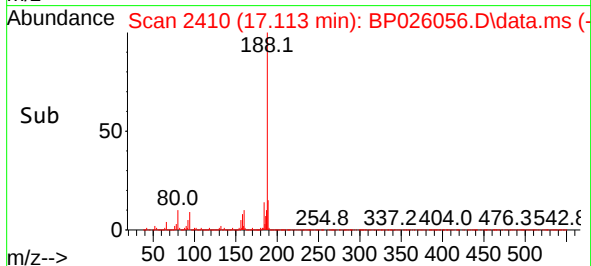
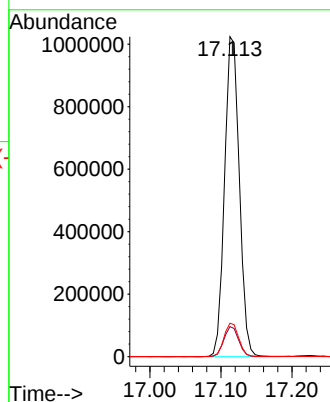
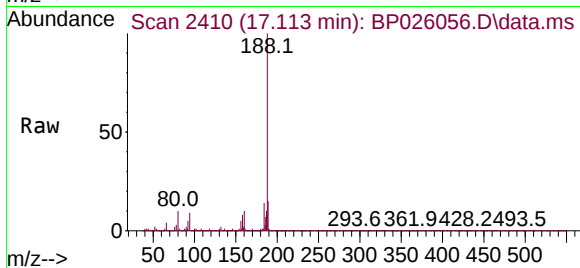
Tgt Ion:188 Resp: 1482446

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

80 10.4 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. 0.012 min

Lab File: BP026056.D

Acq: 03 Nov 2025 13:21

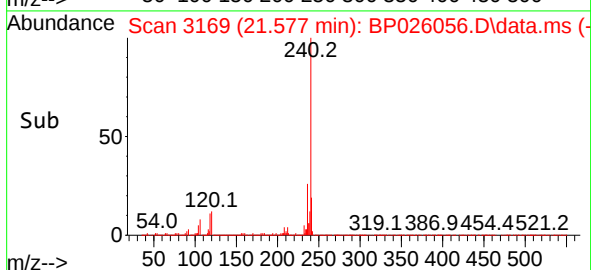
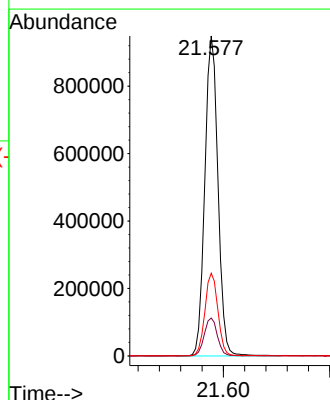
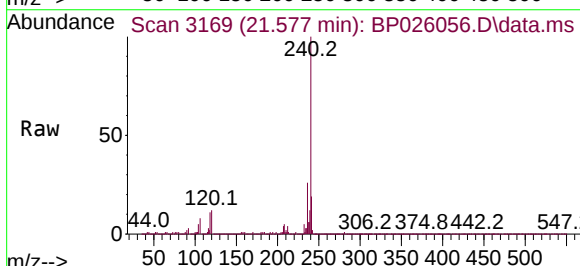
Tgt Ion:240 Resp: 1619683

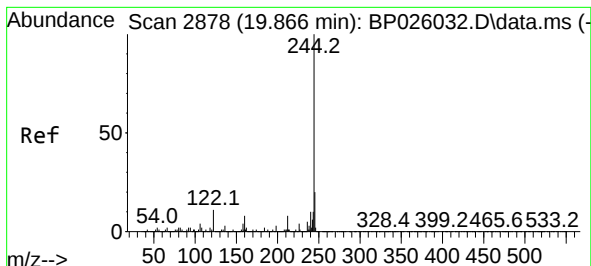
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 87.069 ng

RT: 19.871 min Scan# 2878

Delta R.T. 0.006 min

Lab File: BP026056.D

Acq: 03 Nov 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB170346BL

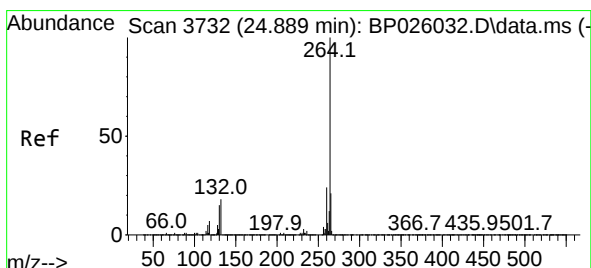
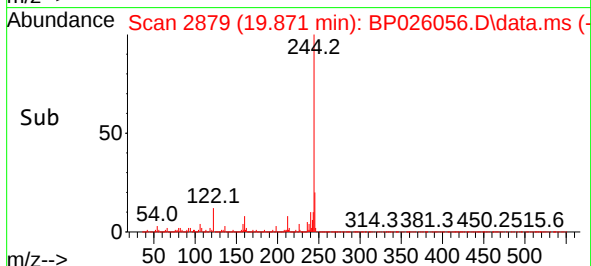
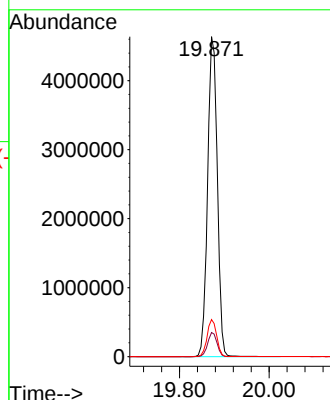
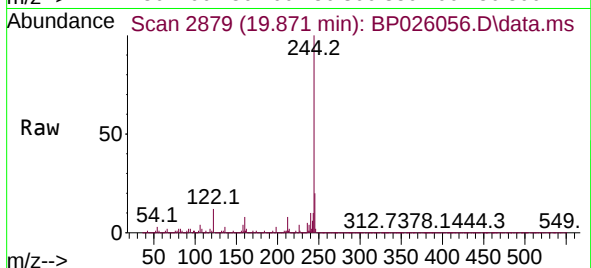
Tgt Ion:244 Resp: 6941237

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 11.6 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.900 min Scan# 3734

Delta R.T. 0.018 min

Lab File: BP026056.D

Acq: 03 Nov 2025 13:21

Tgt Ion:264 Resp: 1773681

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.2 17.2 25.8

