

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026152.D
 Acq On : 19 Nov 2025 00:06
 Operator : RC/JU
 Sample : PB170493TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170493TB

Quant Time: Nov 19 01:30:17 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	7.666	152	255519	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1000069	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	609024	20.000	ng	-0.01
64) Phenanthrene-d10	17.130	188	1277904	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1448855	20.000	ng	0.00
86) Perylene-d12	24.895	264	1626251	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2084287	130.928	ng	0.00
7) Phenol-d6	6.849	99	2563767	126.503	ng	0.00
23) Nitrobenzene-d5	8.807	82	1475436	83.802	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	1017907	128.840	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	3543242	85.267	ng	-0.01
79) Terphenyl-d14	19.872	244	5977974	84.131	ng	0.00

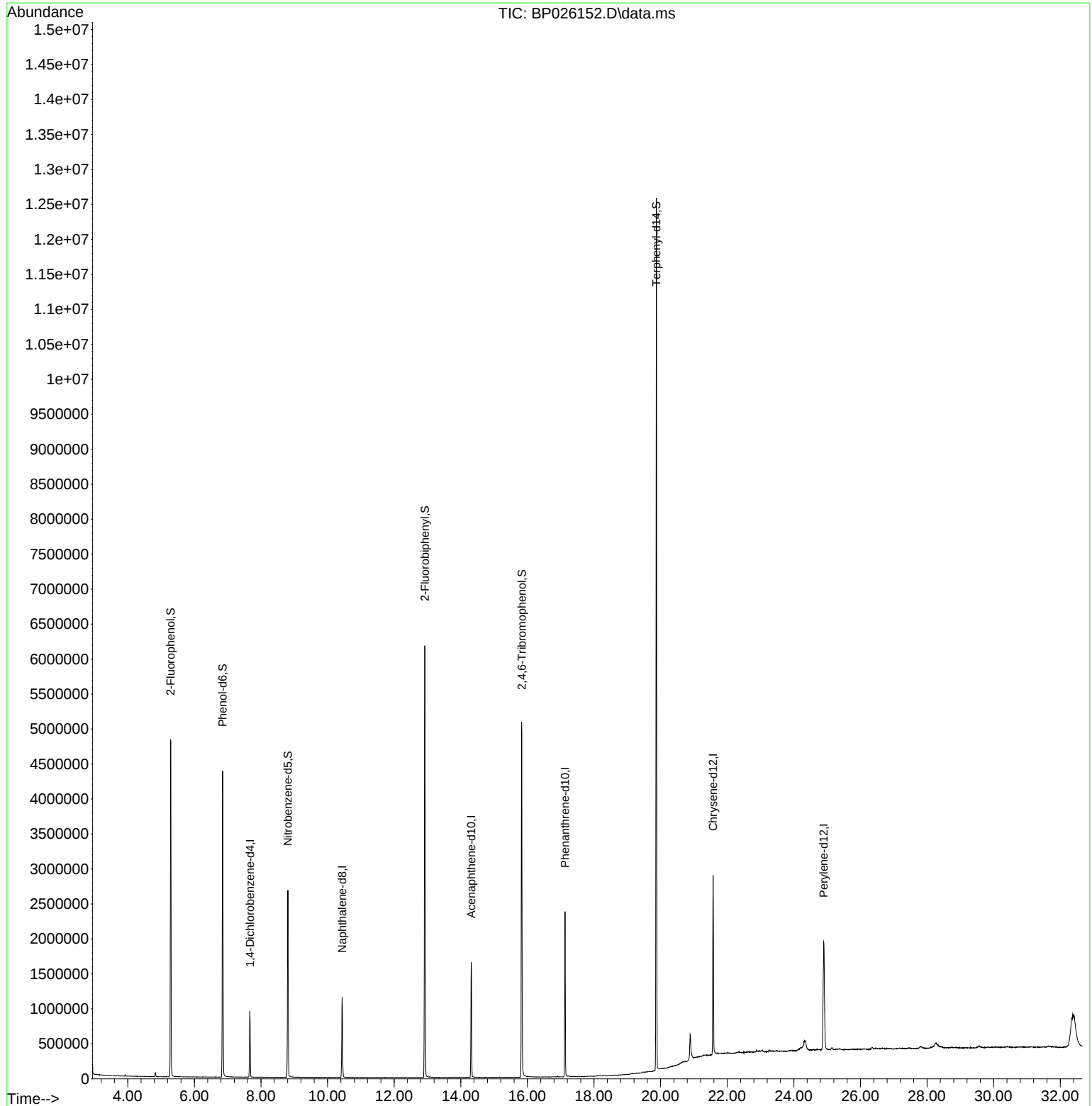
Target Compounds	Qvalue

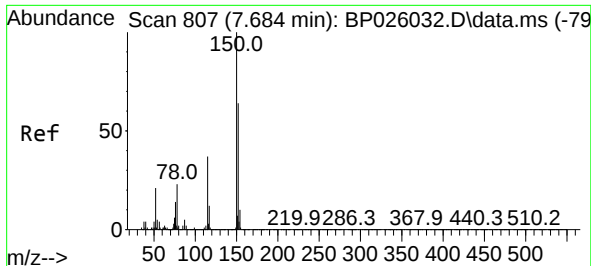
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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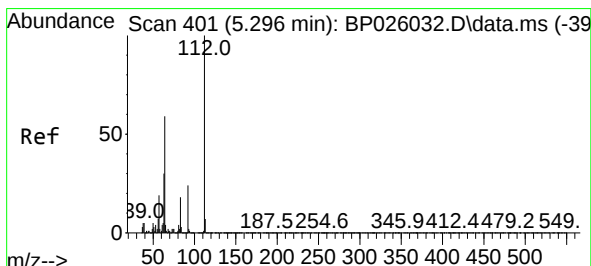
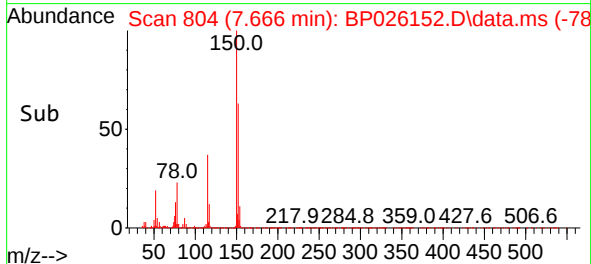
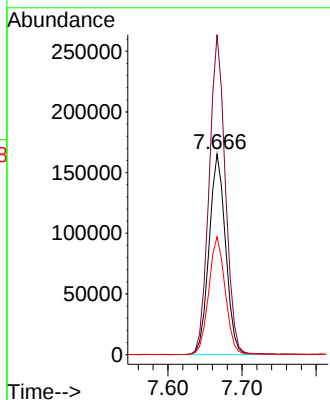
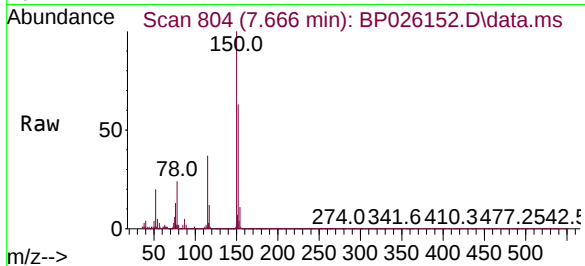




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026152.D
Acq: 19 Nov 2025 00:06

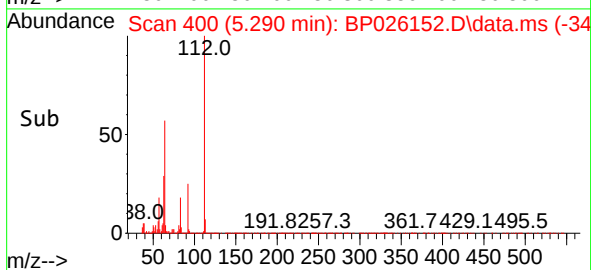
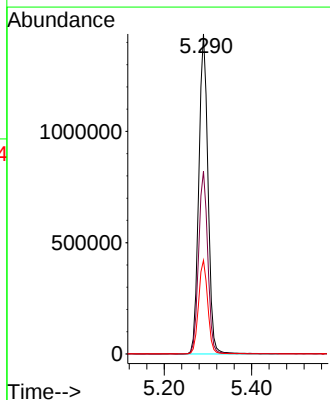
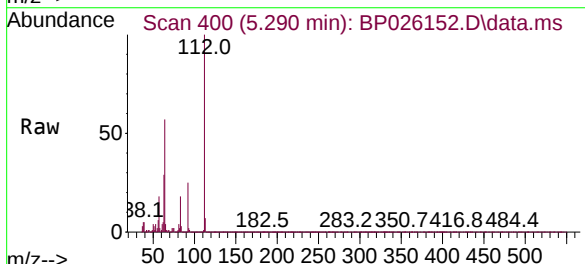
Instrument :
BNA_P
ClientSampleId :
PB170493TB

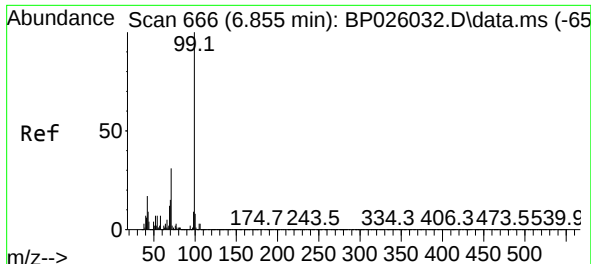
Tgt Ion:152 Resp: 255519
Ion Ratio Lower Upper
152 100
150 159.6 123.0 184.6
115 58.8 46.3 69.5



#5
2-Fluorophenol
Concen: 130.928 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026152.D
Acq: 19 Nov 2025 00:06

Tgt Ion:112 Resp: 2084287
Ion Ratio Lower Upper
112 100
64 57.1 45.8 68.6
63 29.2 23.5 35.3

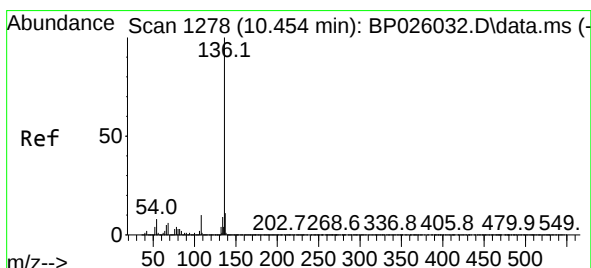
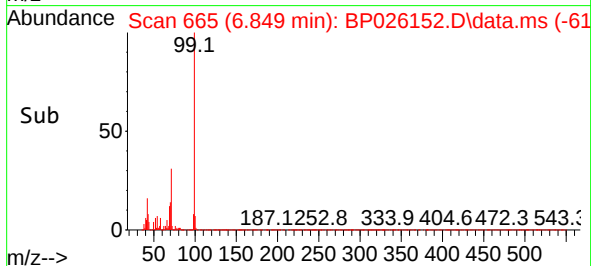
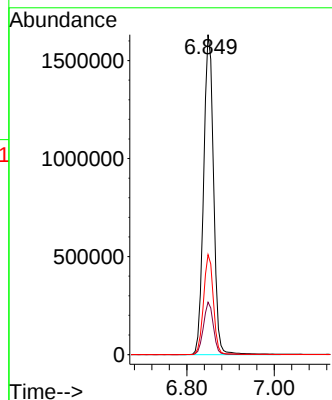
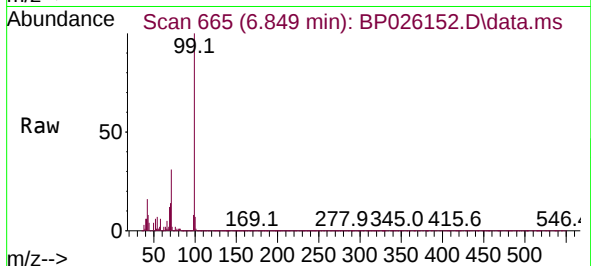




#7
Phenol-d6
Concen: 126.503 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026152.D
Acq: 19 Nov 2025 00:06

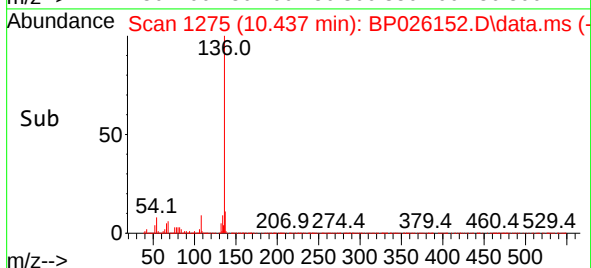
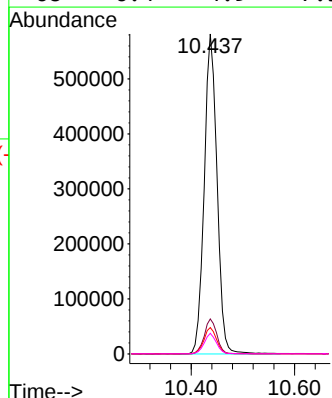
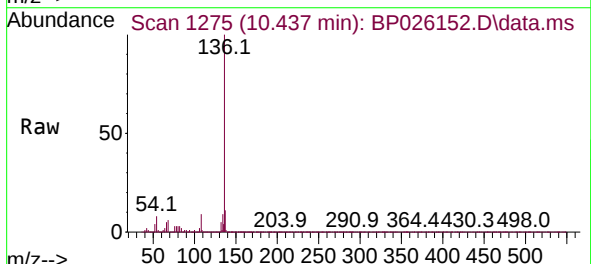
Instrument :
BNA_P
ClientSampleId :
PB170493TB

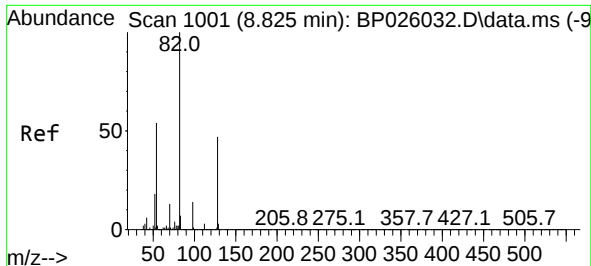
Tgt Ion: 99 Resp: 2563767
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 31.2 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BP026152.D
Acq: 19 Nov 2025 00:06

Tgt Ion: 136 Resp: 1000069
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 6.4 9.6
68 6.4 4.9 7.3

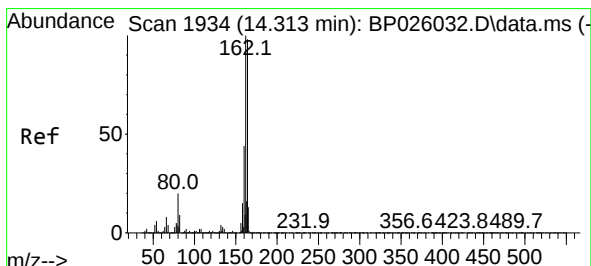
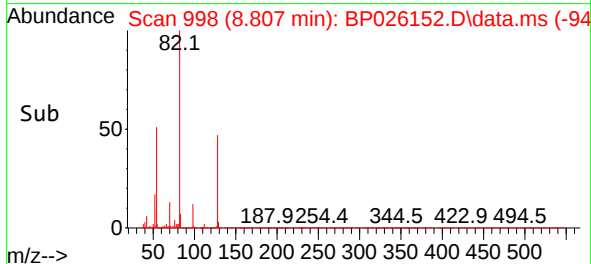
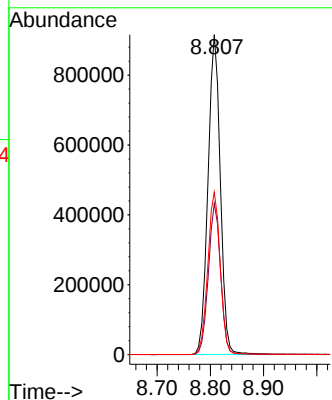
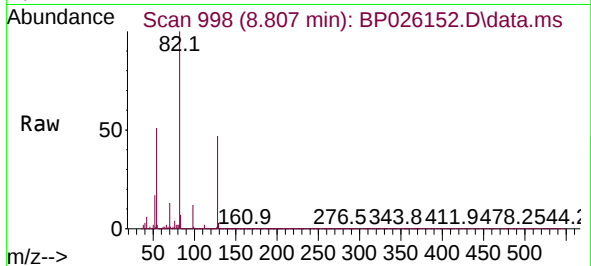




#23
Nitrobenzene-d5
Concen: 83.802 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP026152.D
Acq: 19 Nov 2025 00:06

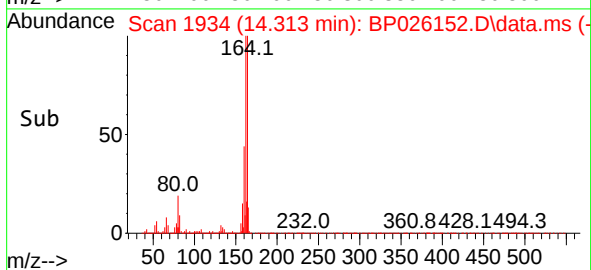
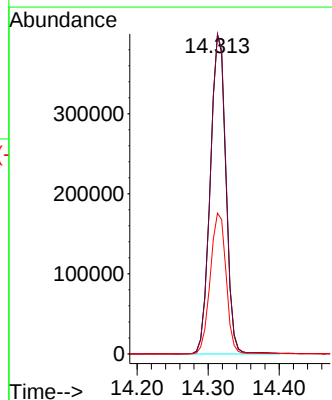
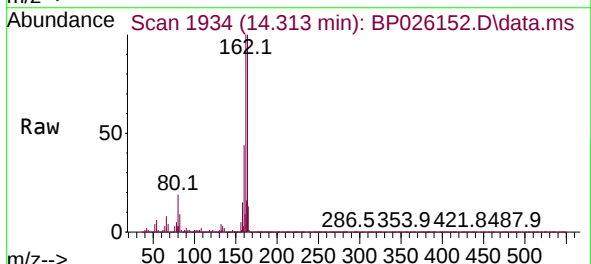
Instrument :
BNA_P
ClientSampleId :
PB170493TB

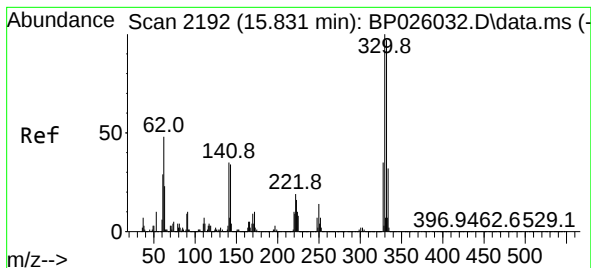
Tgt Ion: 82 Resp: 1475436
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.0
54 50.8 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BP026152.D
Acq: 19 Nov 2025 00:06

Tgt Ion:164 Resp: 609024
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 44.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 128.840 ng

RT: 15.831 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026152.D

Acq: 19 Nov 2025 00:06

Instrument :

BNA_P

ClientSampleId :

PB170493TB

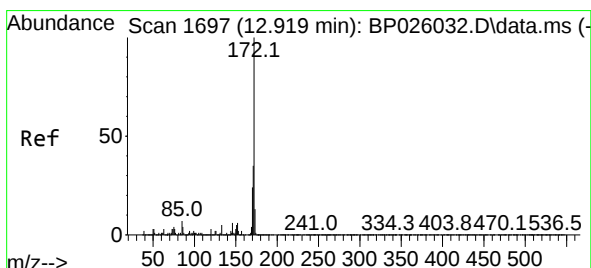
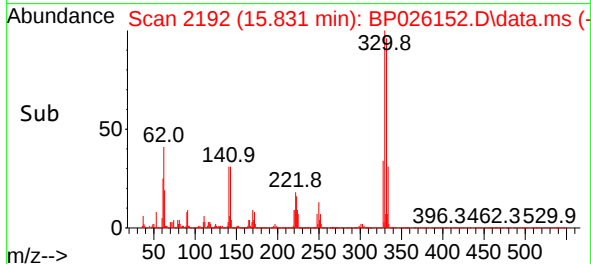
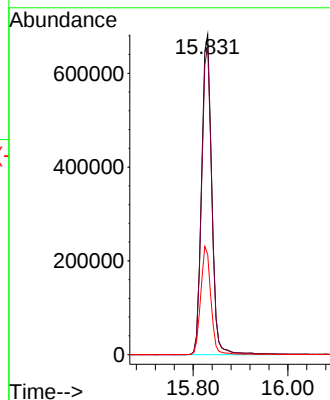
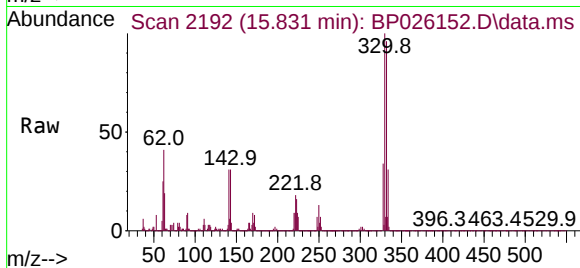
Tgt Ion:330 Resp: 1017907

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 33.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 85.267 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026152.D

Acq: 19 Nov 2025 00:06

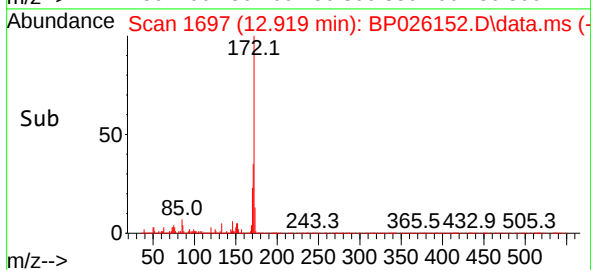
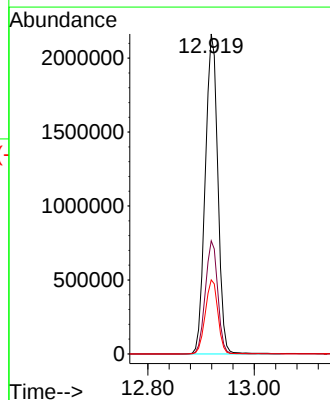
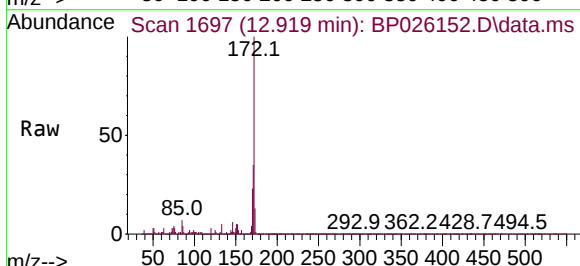
Tgt Ion:172 Resp: 3543242

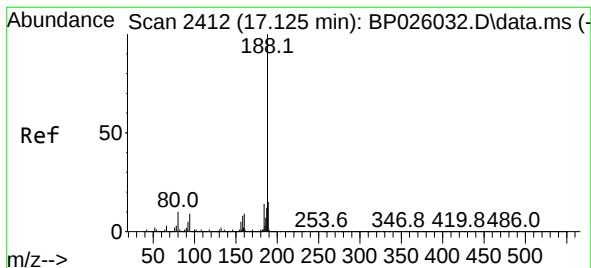
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.130 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP026152.D

Acq: 19 Nov 2025 00:06

Instrument :

BNA_P

ClientSampleId :

PB170493TB

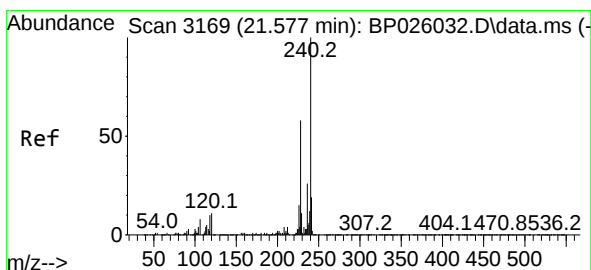
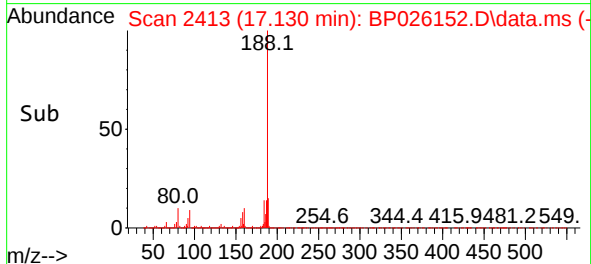
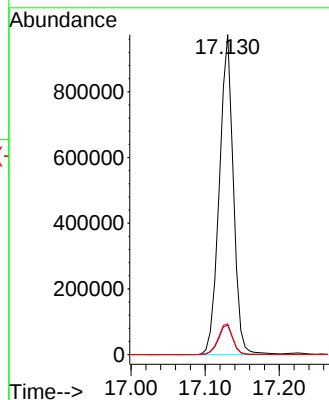
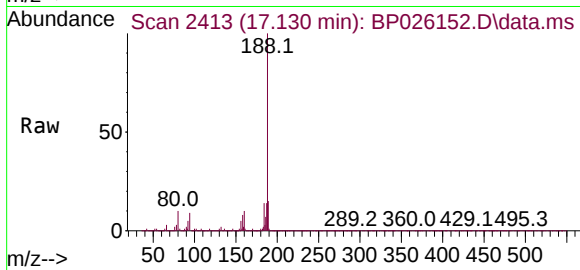
Tgt Ion:188 Resp: 1277904

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.6

80 9.6 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. 0.006 min

Lab File: BP026152.D

Acq: 19 Nov 2025 00:06

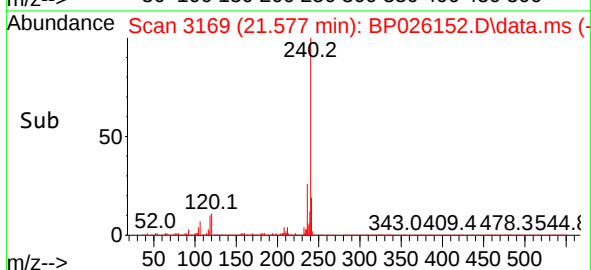
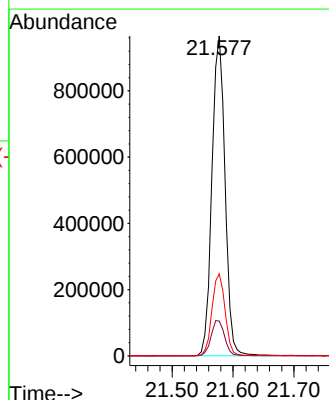
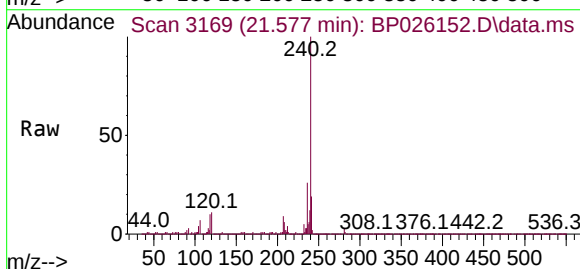
Tgt Ion:240 Resp: 1448855

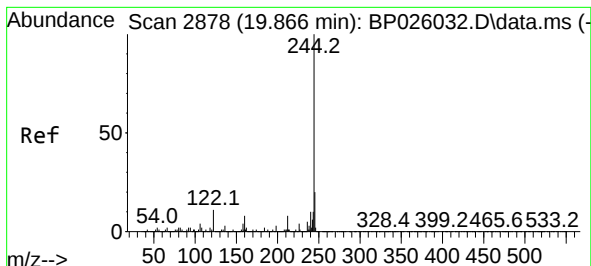
Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 84.131 ng

RT: 19.872 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP026152.D

Acq: 19 Nov 2025 00:06

Instrument :

BNA_P

ClientSampleId :

PB170493TB

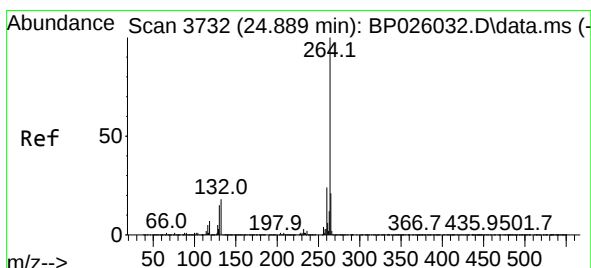
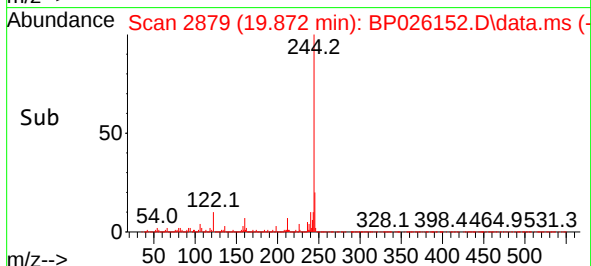
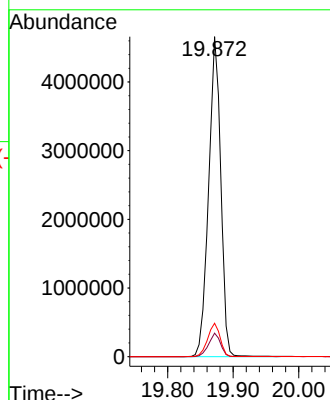
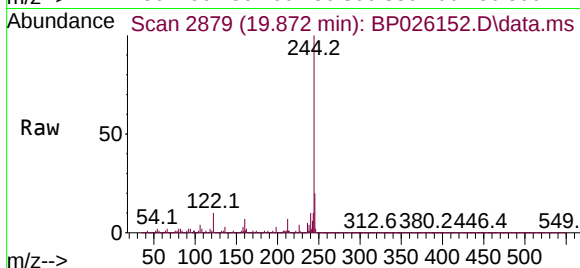
Tgt Ion:244 Resp: 5977974

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.4 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 3733

Delta R.T. -0.012 min

Lab File: BP026152.D

Acq: 19 Nov 2025 00:06

Tgt Ion:264 Resp: 1626251

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.9 17.5 26.3

