

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112025\
 Data File : BP026169.D
 Acq On : 20 Nov 2025 10:54
 Operator : RC/JU
 Sample : PB170608BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170608BL

Quant Time: Nov 20 11:15:51 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	238049	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	919394	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	558249	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1160898	20.000	ng	-0.01
76) Chrysene-d12	21.566	240	1348392	20.000	ng	0.00
86) Perylene-d12	24.883	264	1470138	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2015115	135.873	ng	0.00
7) Phenol-d6	6.849	99	2455653	130.060	ng	0.00
23) Nitrobenzene-d5	8.802	82	1410458	87.141	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	920628	127.126	ng	-0.01
45) 2-Fluorobiphenyl	12.913	172	3334443	87.541	ng	-0.02
79) Terphenyl-d14	19.854	244	5647090	85.396	ng	-0.02

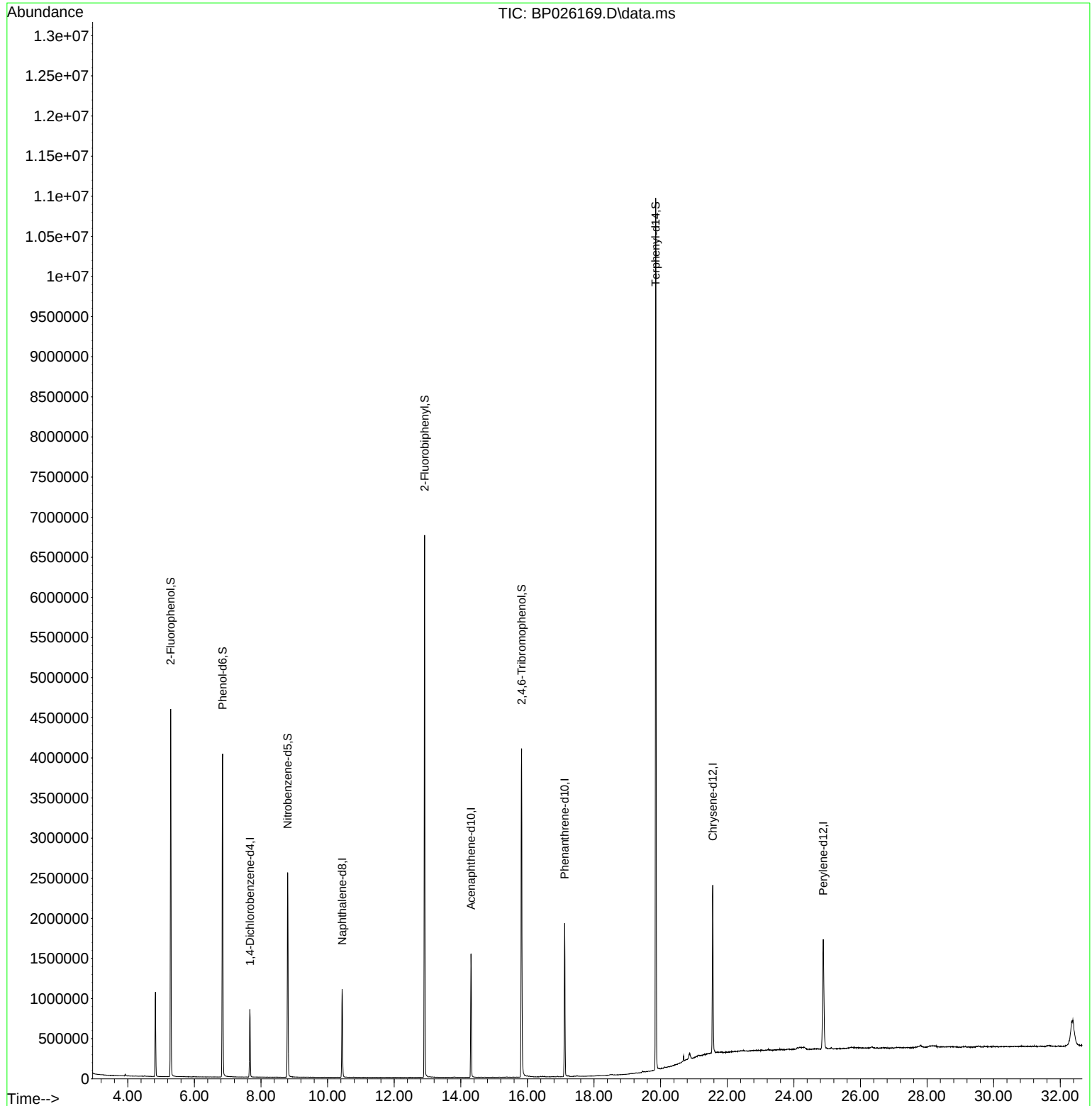
Target Compounds	Qvalue

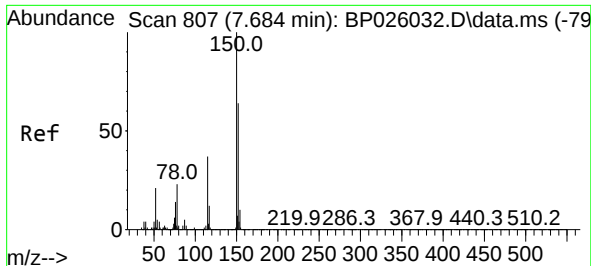
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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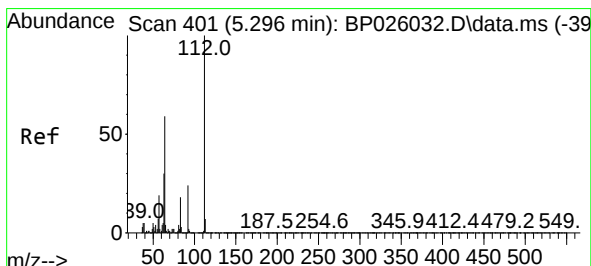
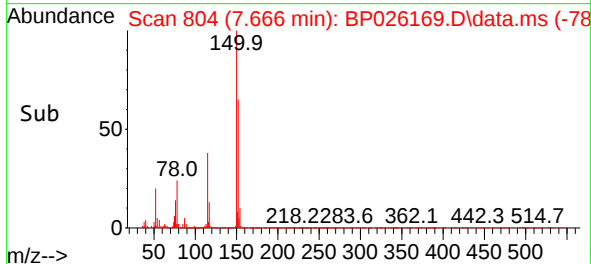
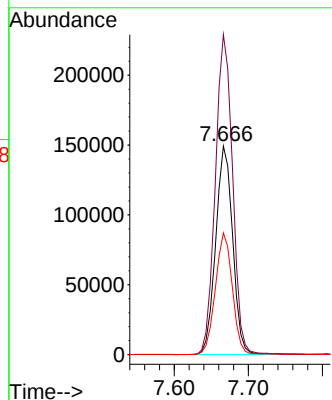
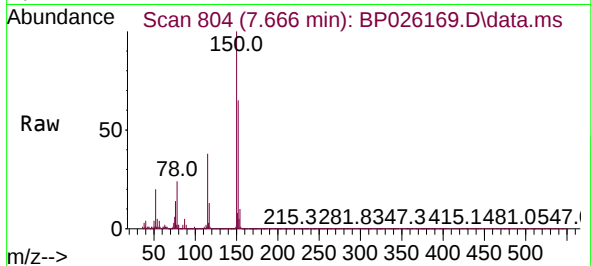




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026169.D
Acq: 20 Nov 2025 10:54

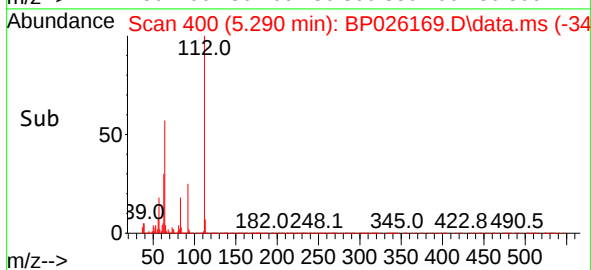
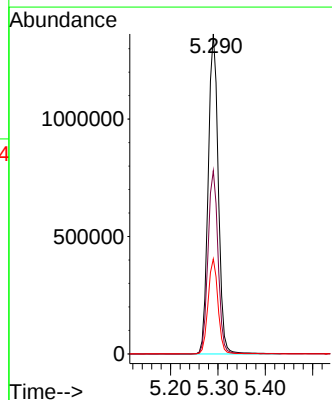
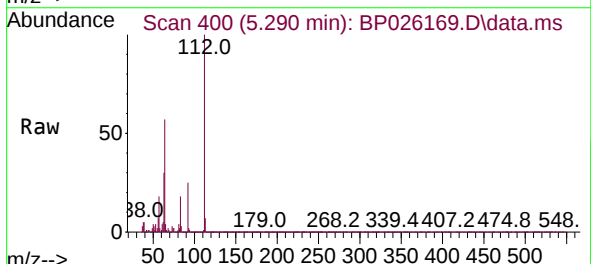
Instrument :
BNA_P
ClientSampleId :
PB170608BL

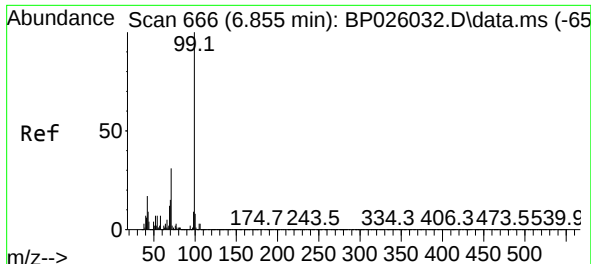
Tgt Ion:152 Resp: 238049
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.6
115 58.4 46.3 69.5



#5
2-Fluorophenol
Concen: 135.873 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026169.D
Acq: 20 Nov 2025 10:54

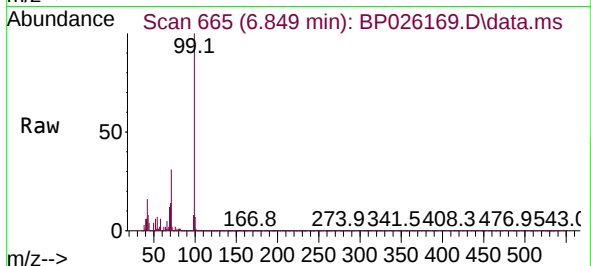
Tgt Ion:112 Resp: 2015115
Ion Ratio Lower Upper
112 100
64 57.2 45.8 68.6
63 29.7 23.5 35.3



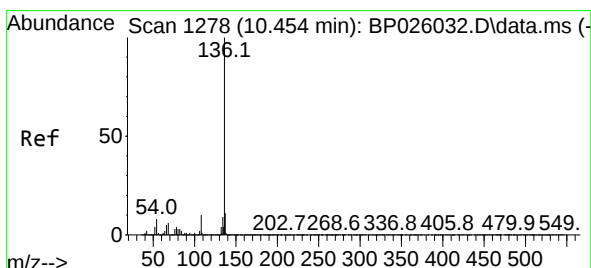
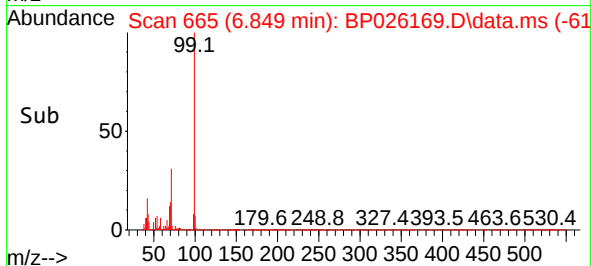
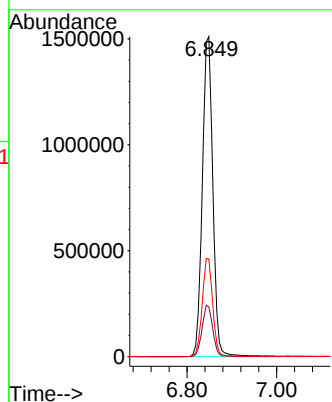


#7
Phenol-d6
Concen: 130.060 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026169.D
Acq: 20 Nov 2025 10:54

Instrument :
BNA_P
ClientSampleId :
PB170608BL

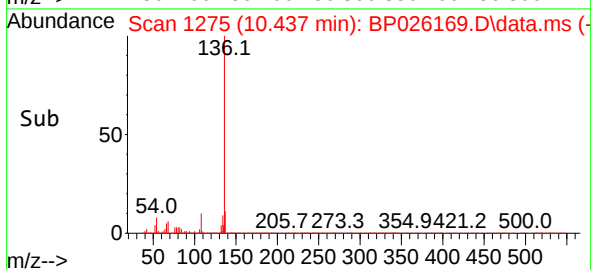
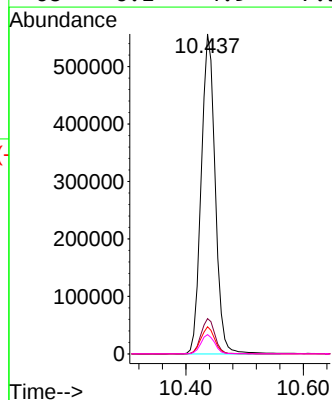
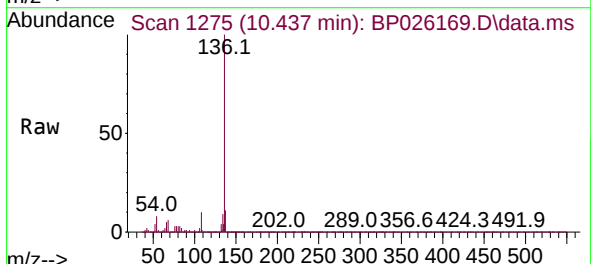


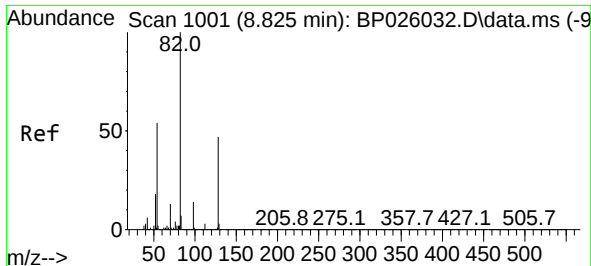
Tgt Ion: 99 Resp: 2455653
Ion Ratio Lower Upper
99 100
42 15.5 12.9 19.3
71 30.5 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BP026169.D
Acq: 20 Nov 2025 10:54

Tgt Ion:136 Resp: 919394
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.5 6.4 9.6
68 6.1 4.9 7.3

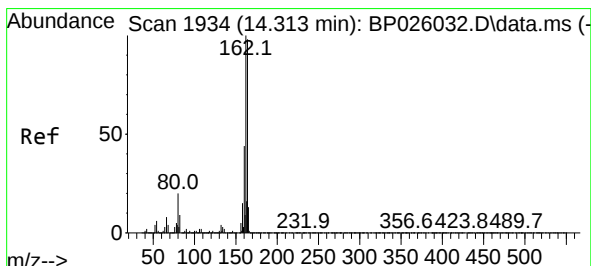
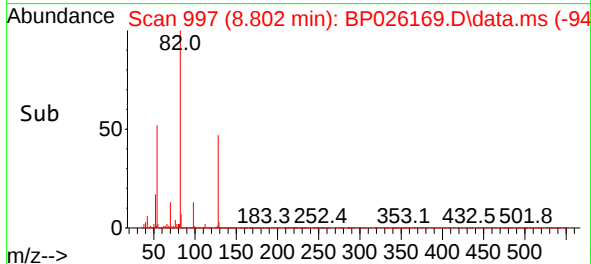
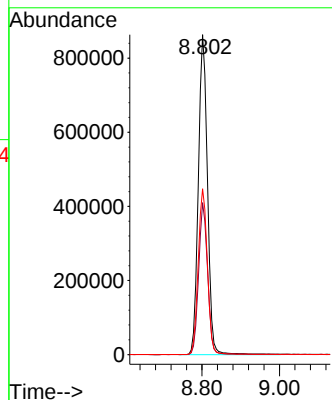
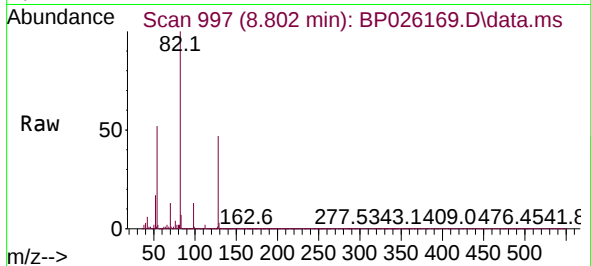




#23
Nitrobenzene-d5
Concen: 87.141 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.012 min
Lab File: BP026169.D
Acq: 20 Nov 2025 10:54

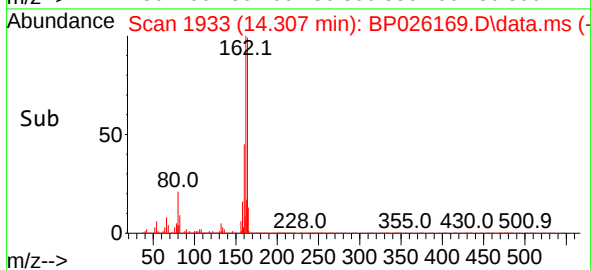
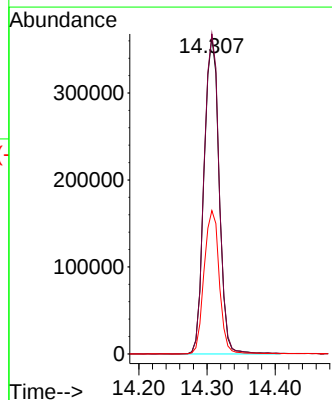
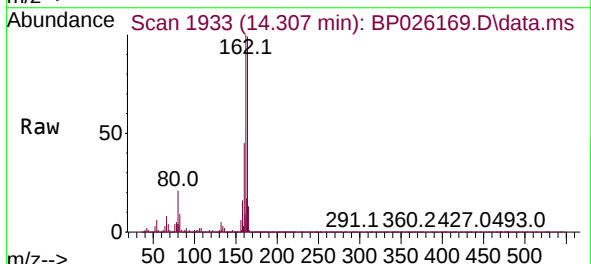
Instrument :
BNA_P
ClientSampleId :
PB170608BL

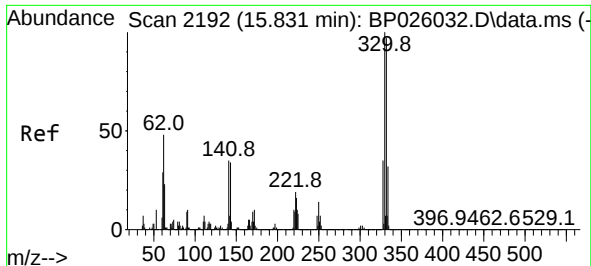
Tgt Ion: 82 Resp: 1410458
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 51.8 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.018 min
Lab File: BP026169.D
Acq: 20 Nov 2025 10:54

Tgt Ion:164 Resp: 558249
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 45.3 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 127.126 ng

RT: 15.825 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026169.D

Acq: 20 Nov 2025 10:54

Instrument :

BNA_P

ClientSampleId :

PB170608BL

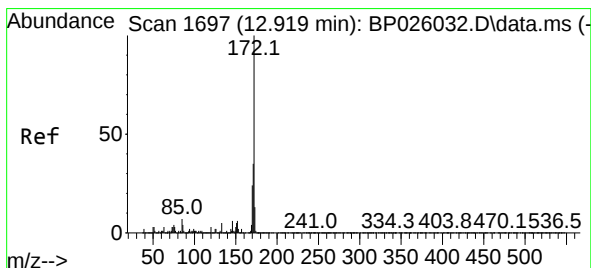
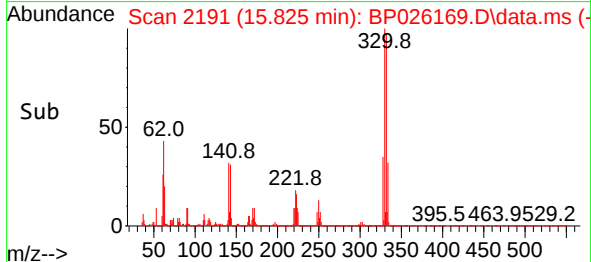
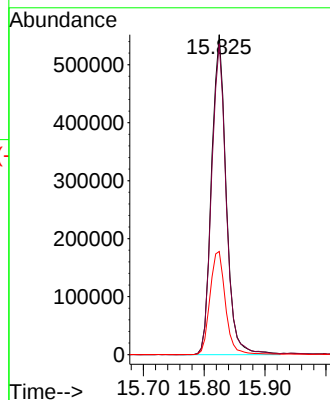
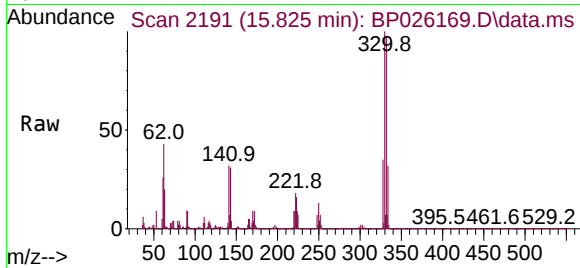
Tgt Ion:330 Resp: 920628

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 34.2 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 87.541 ng

RT: 12.913 min Scan# 1696

Delta R.T. -0.018 min

Lab File: BP026169.D

Acq: 20 Nov 2025 10:54

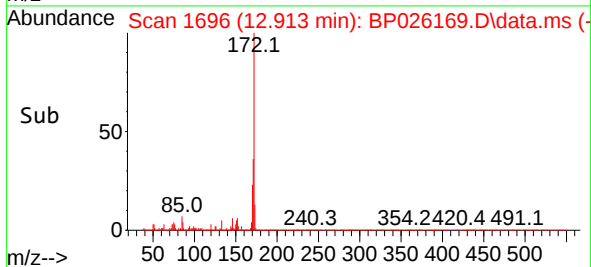
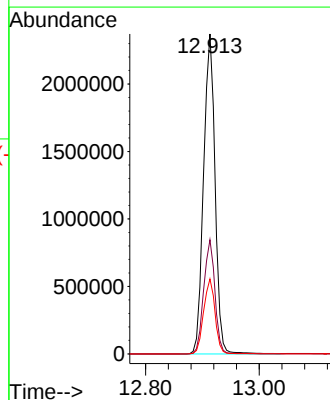
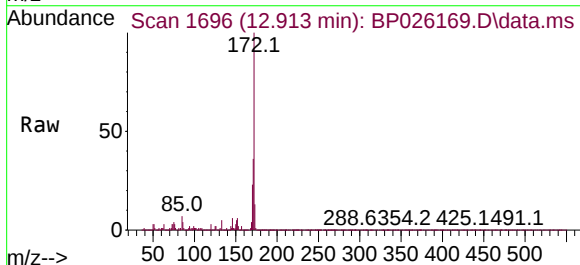
Tgt Ion:172 Resp: 3334443

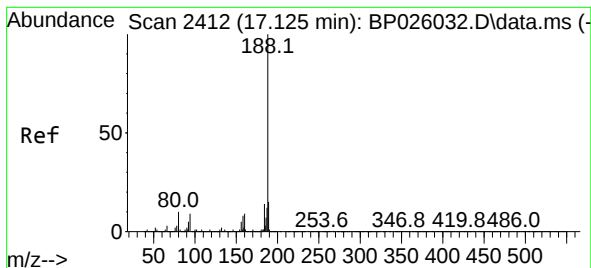
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.119 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP026169.D

Acq: 20 Nov 2025 10:54

Instrument :

BNA_P

ClientSampleId :

PB170608BL

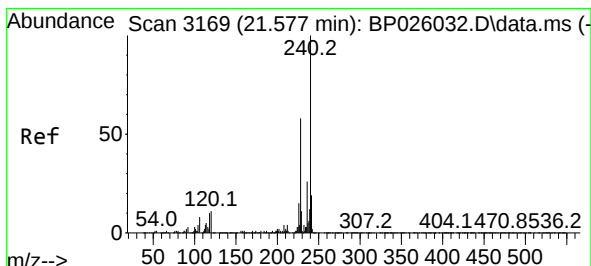
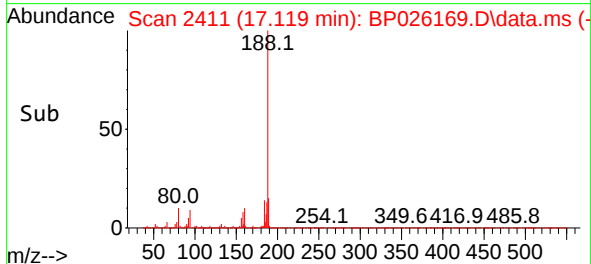
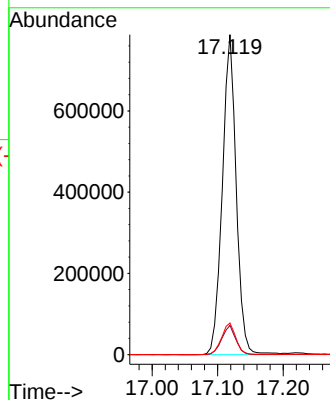
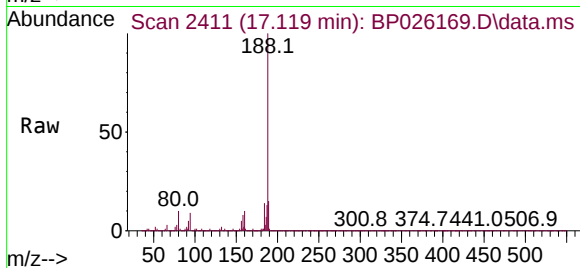
Tgt Ion:188 Resp: 1160898

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.6

80 9.9 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP026169.D

Acq: 20 Nov 2025 10:54

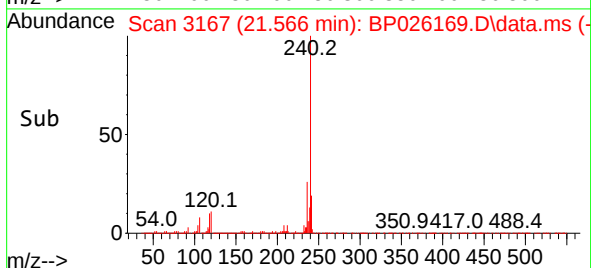
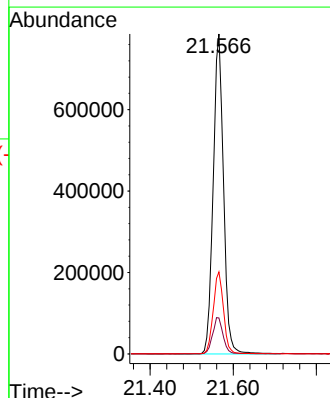
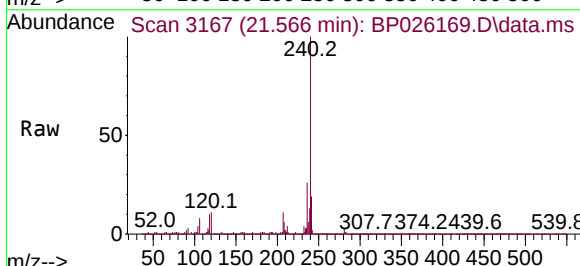
Tgt Ion:240 Resp: 1348392

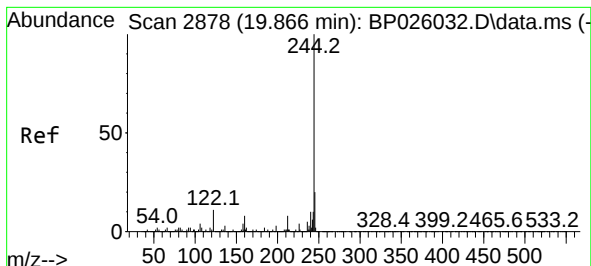
Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 85.396 ng

RT: 19.854 min Scan# 2876

Delta R.T. -0.018 min

Lab File: BP026169.D

Acq: 20 Nov 2025 10:54

Instrument :

BNA_P

ClientSampleId :

PB170608BL

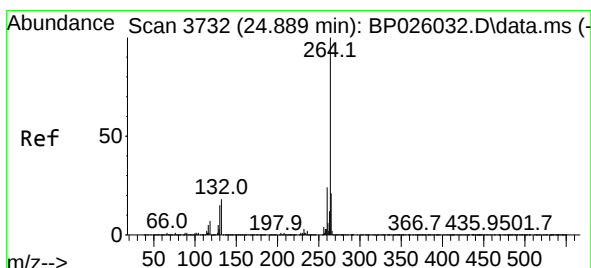
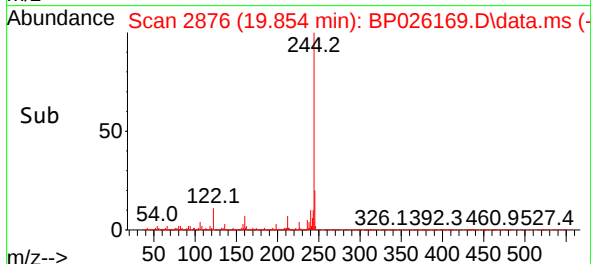
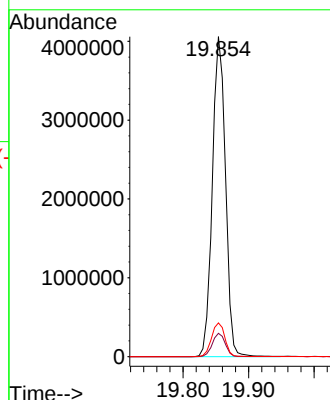
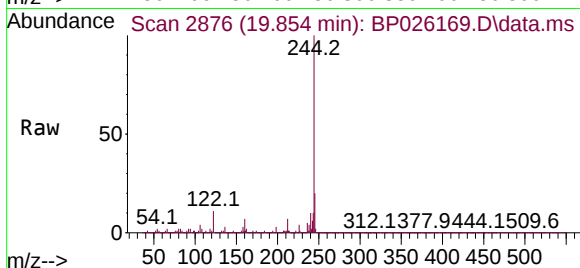
Tgt Ion:244 Resp: 5647090

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.883 min Scan# 3731

Delta R.T. -0.023 min

Lab File: BP026169.D

Acq: 20 Nov 2025 10:54

Tgt Ion:264 Resp: 1470138

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.9 17.5 26.3

